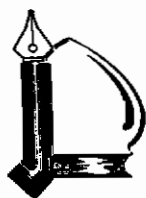


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انتشارات دانشگاه فردوسی مشهد ، شماره ۱۴۷

# فهرست آفات کشاورزی ایران

و

## دشمنان طبیعی آنها

(با تجدیدنظر کلی)

نگارش

دکتر مهدی مدرس اول

۱۳۷۶

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## پیشگفتار

فهرست آفات کشاورزی ایران و دشمنان طبیعی آنها تاکنون در کتاب، مجله و رساله های گوناگون خواه در شمار محدود و اختصاصی و یا به شکل پراکنده در داخل و خارج کشور منتشر شده است. در میان فهرست های مزبور کتابهای "آفات مهم نباتات و فرآورده های گیاهی" و "آفات درختان و درختچه های جنگلی و غیر مثمر ایران" تألیف آقایان مهندس فرح بخش و دکتر عبایی، شایان توجه می باشد. باین همه چون از سویی سالها از انتشار این گونه فهرست ها می گذرد و از سوی دیگر در این مدت در زمینه علوم حشره شناسی گامهای مؤثری برداشته شده است، گرد آوری قسمتی از آفات ایران و دشمنان طبیعی آنها در درون مجموعه ای پر حجم تر و غنی تر و ارایه آن به مشتاقان بررسی مسایل گیاه پزشکی کشور ضروری تر می نماید.

در این مجموعه بادر نظر گرفتن روش طبقه بندی معمولی متجاوز بر ۵۲۰۰ گونه از شاخه های مهره داران (پستانداران، پرندگان، جونندگان)، نرم تنان و بندپایان (عنکبوت مانندها، حشرات) بترتیب حروف الفبا مورد توجه قرار گرفته است. ضمناً اسامی علمی کاتگوریها یعنی شاخه، رده، راسته، خانواده، جنس، گونه، زیرگونه، واریته و فرم همراه با اسامی مصنف گونه ها و همچنین سینونیم ها، میزبانها، محل های پراکنش (و محیط های زیست) و نیز منابع علمی مورد استفاده برای هر گونه ارایه شده است.

در صورتی که سینونیم های متعددی برای برخی از خانواده، جنس و گونه ها وجود داشته است، تنها یک سینونیم برای خانواده و دو سینونیم برای گونه ها قید گردیده است. اسامی میزبانهای گیاهی بزبان انگلیسی درج و در صورت نبود اسم انگلیسی و یا عدم دسترسی به این اسامی تنها به نام علمی گیاه میزبان اشاره شده است.

مناطق پراکنش گونه ها با توجه به تقسیمات کشوری و با اسم "استان" نشان داده و به هنگام ضرورت نیز به ذکر نام منطقه ای خاص در محدوده استان ها مبادرت گردیده است. در صورت نامشخص بودن محل دقیق پراکنش گونه ها و یا عدم دسترسی به این نقاط تنها به ذکر کلمه "ایران" بسنده شده است. با این که منطقه گرگان در تقسیمات کشوری جزء استان مازندران بشمار می آید، ولی به سبب اهمیت کشاورزی آن، از منطقه مزبور به طور جداگانه و مستقل نام برده شده است.

بنابراین در صورت ارایه آفتی در استان مازندران امکان دارد در منطقه گرگان نیز آن رایافت . منطقه آذربایجان شرقی و غربی اغلب به طور جداگانه و گاه نیز تنها به شکل آذربایجان قید شده که در حالت اخیر وجود احتمالی آفت را در هر دو استان نشان می دهد . افزون بر آن ، با این که منطقه ساحلی شمال کشور جزء استانهای گیلان و مازندران بشمار می آید ، اما در این مجموعه بطور اعم گاه به نام "سواحل دریای خزر" نیز درج گردیده است . بدیهی است که در مورد سواحل و بنادر خلیج فارس و دریای عمان نیز به همین منوال عمل شده است .

در ستون رفرانس ها در مورد هر گونه ، شماره هایی داده شده است که با در نظر گرفتن آنها می توان به منابع علمی مورد استفاده در آخر کتاب به آسانی دست یافت . چون امکان دارد این مجموعه مورد استفاده موسسه های گیاه پزشکی خارج از کشور نیز قرار گیرد مطالب غیر لاتین به زبان انگلیسی ارایه شده است .

این مجموعه مشتمل بر چهار نوع فهرست راهنماست که حاوی فهرست های راهنمای گیاهان میزبان ، میزبانهای متفرقه ، مناطق پراکنش ( و محیط های زیست ) و کاتگوریها می باشد که بترتیب در فهرست اولی اسامی به زبان های انگلیسی ، لاتین و فارسی ، در فهرست دوم و سوم اسامی بزبان های انگلیسی و فارسی و در فهرست چهارم نیز اسامی به زبان لاتین قید شده است .

اسامی انگلیسی گیاهان میزبان و میزبانهای متفرقه در فهرست های راهنمای آنها به ترتیب حروف الفبا ارایه شده است تا با مراجعه به این فهرست ها بتوان براحتی به اسامی لاتین و یا فارسی آنها دست یافت . بدیهی است در مورد فهرست راهنمای مناطق پراکنش ( و محیط های زیست ) نیز از این روش پیروی شده است .

چون نگارنده خود به وجود کاستیها در این مجموعه معترف است ، بنابراین از استادان محترم و همکاران ارجمند انتظار دارد با یاد آوری و راهنمایی های ارزنده خود اینجانب را در تصحیح چاپ های بعدی این کتاب یاری فرمایند .

درخاتمه از معاونت محترم پژوهشی دانشگاه فردوسی مشهد به خاطر فراهم آوردن امکانات چاپ این کتاب ، مسئولین محترم مؤسسه چاپ و انتشارات دانشگاه به ویژه آقای رضا سالارپور به خاطر راهنمایی و نظارت بر امور فنی حروفچینی و چاپ و همچنین آقای محمد جواد صدیقی به خاطر حروفچینی و صفحه آرایی آن تشکر و قدردانی می نماید .

مهدی مدرس اول\*

۱۳۷۲

با گذشت حدود چهار سال از انتشار چاپ اول این مجموعه، چون مقالات و کتابهای متعددی در ارتباط با آفات کشاورزی ایران نوشته شده است، لذا به منظور آرایه مجموعه‌ای غنی تر جهت استفاده هرچه بیشتر علاقمندان سعی شده است با مراجعه به حدود سیصدوسی مرجع علمی جدید، مشخصات بیش از هفتصد گونه از آفات جدید را که در این فاصله زمانی به فون آفات ایران افزوده شده به مجموعه قبلی اضافه شود. بدین ترتیب چاپ دوم این مجموعه که حاوی مشخصات متجاوز بر پنج هزار و نهصد گونه از آفات کشاورزی کشورمان می باشد، برای بهره گیری دست اندرکاران حفظ نباتات کشور آرایه می شود که امید است مورد قبول واقع گردد. بر خود لازم می داند از آقای غلامرضا فنایی به خاطر حروفچینی و صفحه آرایی چاپ دوم این کتاب سپاسگزاری نماید.

مهدی مدرس اول

۱۳۷۶



*FERDOWSI UNIVERSITY OF MASHHAD*

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**LIST OF AGRICULTURAL PESTS AND  
THEIR NATURAL ENEMIES IN IRAN**

(Revised edition)

By

*Dr. MEHDI MODARRES AWAL*

*FERDOWSI UNIVERSITY PRESS*

*1997*



**List of agricultural pests and their natural enemies in Iran**

**By : Dr. Mehdi Modarres Awal**

**First Edition, 1994**

**Second Edition, 1997**

**Ferdowsi University Press**

## Contents

<b>Preface</b>	v
<b>Phylum Chordata</b>	1
<b>Class Aves</b>	1
Order Columbiformes	1
Order Coraciiformes	1
Order Passeriformes	1
Order Piciformes	2
<b>Class Mammalia</b>	2
Order Artiodactyla	2
Order Carnivora	3
Order Rodentia	3
<b>Phylum Mollusca</b>	11
<b>Class Gastropoda</b>	11
Order Stylommatophora	11
<b>Phylum Arthropoda</b>	13
<b>Class Arachnida</b>	13
Order Acaridida	13
Order Astigmata	24
Order Mesostigmata	25
Order Metastigmata	29
Order Prostigmata	32
<b>Class Crustacea</b>	37
Order Isopoda	37
<b>Class Myriapoda</b>	37
Order Chilognatha	37
<b>Class Insecta</b>	37
Order Collembola	37
Order Thysanura	37

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Order Orthoptera	38
Order Blattaria	59
Order Isoptera	60
Order Dermaptera	62
Order Psocoptera	63
Order Mallophaga	63
Order Siphunculata	64
Order Thysanoptera	65
Order Heteroptera	69
Order Homoptera	84
Order Neuroptera	125
Order Coleoptera	127
Order Lepidoptera	198
Order Diptera	243
Order Siphonaptera	257
Order Hymenoptera	260
<b>References</b>	<b>287</b>
<b>Index of host plants</b>	<b>337</b>
<b>Index of miscellaneous hosts</b>	<b>359</b>
<b>Index of distribution areas and habitat</b>	<b>365</b>
<b>General index of categories</b>	<b>367</b>

## Preface

Pests of Iran and their natural enemies have been published in numerous books , journals and papers in Iran and some other countries , but most of them are specialized and scattered . Previous lists in this respect that have been given by Farahbakhsh and Abai interesting to some extent . Because of rapid progress in Entomology new list was needed and therefore an attempt was made to prepare a new comprehensive list .

In this collection , various species of Phyla of Chordata (Mammalia , Aves , Rodentia) , Mollusca and Arthropoda (Arachnida , Insecta) are considered and arranged in alphabetic order . In addition , the scientific names and also names of descriptors , synonymous , hosts , distribution areas, habitat and references are prepared for more than 5200 species of pests and their natural enemies .

Some of the families , genus and species have many synonymous . However in this collection one synonymous is given for the family and genus and two synonymous for the species .

The English names of plant hosts are given , but in case where these names are lacking their Scientific names are mentioned .

Distribution areas of species are given according to the administrative divisions of the country including provinces . In some cases specific area is also referred to .

In case where the exact distribution area of a species is not known , reference is made only to "Iran". Since Gorgan area is an important sector in agriculture, this area is dealt with separately . Therefore if a species is present in Mazandaran province , it might be present too in Gorgan . Provinces of East and West Azarbaijan are shown separately , but when the exact distribution areas is not clear , only Azarbaijan has been mentioned . The northern costal region is a part of Gilan and Mazandaran provinces , but in some cases they have been referred to as the Caspian Sea area . The same is true for Persian Gulf and Oman Sea areas .

For each species reference numbers has given which is correspondent to index of references .

Since this collection may be used by entomologist out of Iran , all information are given in English .

Four indices including the plant hosts , miscellaneous hosts , distribution areas and categories are given . First index which is the names of plant hosts is in English , Latin and Persian , the second and the third indices are in English and Persian and the fourth index is the Scientific name of categories.

It is my belief that there may be some mistakes in this collection , which I hope the readers kindly inform me for future consideration .

At last but not in least I would like to express my great thanks to Research Council of Ferdowsi University of Mashhad for providing funds for publication of this collection. Thanks to my colleagues in the Agriculture Colleges of Mashhad and Tabriz University and also to my colleagues in Plant Pests and Diseases Research Institute of Tehran for their valuable guidances .

M. Modarres Awal\*

1994

Since the first edition of this book appeared several article and books have been published about the agricultural pests of Iran. For better usage of interested readers, it has been tried to incorporated about 330 references in relation to characteristics of more than 700 species of new pests that have been added to the pest fauna of Iran. Thus, the second edition of this book obtains more information about characteristics of more than 5900 species of agricultural pests of Iran. Nevertheless, it is hoped that second edition of this book provides the readers new information about Iranian pests fauna. I wish this book be accepted by the readers, namely plant protection professionals.

M. Modarres Awal

1997

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\* *Dr. Mehdi Modarres Awal - Ferdowsi University of Mashhad , Faculty of Agriculture , Plant Protection Dept .*

**PHYLUM CHORDATA**  
**CLASS AVES**  
**ORDER COLUMBIFORMES**  
**FAMILY COLUMBIDAE**

Scientific name	Host	Distribution	Reference no.
1. <i>Columba livia</i>	Wheat, barley and other grains	Khorasan	70
2. <i>Streptopelia senegalensis</i>	" " " " "	"	70
3. <i>S. turtur</i> (L.)	Olive	Generally distributed	6

**ORDER CORACIFORMES**  
**FAMILY MEROPIDAE**

Scientific name	Host	Distribution	Reference no.
4. <i>Merops apiaster</i>	Predator of honeybee	Northren,western, eastern and central provinces	38
5. <i>M. orientalis</i>	" " "	Southern and south-eastern provinces	38
6. <i>M. superciliosus</i>	" " "	Generally distributed	38

**ORDER PASSERIFORMES**  
**FAMILY BOMBYCILLIDAE**

Scientific name	Host	Distribution	Reference no.
7. <i>Hypocolius ampelinus</i> B.	Fan-palm	Southern provinces	6

**FAMILY CORVIDAE**

Scientific name	Host	Distribution	Reference no.
8. <i>Corvus corone</i>	Predator of <i>Polyphylla olivieri</i>	Generally distributed	756
9. <i>C. frungilegus</i> L.	Fig, walnut, oak, beech and predator of <i>Polyphylla olivieri</i>	" "	6,756
10. <i>Pica pica</i> (L.)	Predator of <i>Polyphylla olivieri</i>	" "	756

**FAMILY FRINGILLIDAE**

Scientific name	Host	Distribution	Reference no.
11. <i>Carduelis carduelis subcaniceps</i>	Poppy	In Iran	50
12. <i>C. spinus</i> (L.)	"	Northern provinces	50
13. <i>Fringilla coelebs</i> L.	Beech	" "	6

## FAMILY LARIDAE

Scientific name	Host	Distribution	Reference no.
14. <i>Larus argentatus</i> Pont.	Predator of <i>Polyphylka olivieri</i>	Generally distributed	756

## FAMILY FLOCEIDAE

Scientific name	Host	Distribution	Reference no.
15. <i>Passer domesticus</i>	Wheat,barley and other grains	Khorasan and most other areas	70
16. <i>P. domesticus bacterianus</i> Zar.	" " " " "	Generally distributed	252
17. <i>P. hispaniolensis</i> (Temm.)	On eucalyptus,black poplar, apple, clammy locust,willow,pear,apricot	" "	540,754
18. <i>P. hispaniolensis transcaspicus</i> Tschus.	Wheat,barley and other grains and also cotton	" "	252
19. <i>P. roseus</i> (L.)	Predator of <i>Doclostaurus maroccanus</i> , <i>Calliptamus italicus</i> and <i>Schistocerca gregaria</i>	Northern, southern and central provinces	240,252

## FAMILY STURNIDAE

Scientific name	Host	Distribution	Reference no.
20. <i>Sturnus vulgaris</i> L.	Fig	Northern provinces	6

## ORDER PICIFORMES

## FAMILY PICIDAE

Scientific name	Host	Distribution	Reference no.
21. <i>Dendrocopos major</i> L.	Almond,fig,pistachio	Generally distributed	6
22. <i>D. minor</i> L.	Almond	" "	6
23. <i>Picus vera</i>	Predator of <i>Ruguloscolytus mediterraneus</i>	In Iran	141

## CLASS MAMMALIA

## ORDER ARTIODACTYLA

## FAMILY CERVIDAE

Scientific name	Host	Distribution	Reference no.
24. <i>Capreolus capreolus</i> L.	Oak	Northern and north-western provinces	6,340
25. <i>Cervus elaphus</i> L.	Oak,beech,maple	Northern and western provinces	6,340

## FAMILY SUIDAE

Scientific name	Host	Distribution	Reference no.
26. <i>Sus scrofa</i> L.	Rice, corn, cabbage,melon, cotton, sugar-cane,sugar-beet,chestnut,walnut,hazelnut,pear,plum,prunus,poplar,spurce and other different plants	Generally distributed	6, 252, 340, 461, 754

Scientific name	Host	Distribution	Reference no.
27. <i>Sus scrofa attila</i> Thomas	Rice, corn, cabbage, melon, cotton, sugar-cane, sugar-beet, chestnut, walnut, apple, pear, plum and other different plants	Northern provinces	6,252

**ORDER CARNIVORA**  
**FAMILY URSIDAE**

Scientific name	Host	Distribution	Reference no.
28. <i>Ursus arctos</i> L.	Oak, sugar-beet	Fars and northern and western provinces	6,340,461

**ORDER RODENTIA**  
**FAMILY CRICETIDAE**

Scientific name	Host	Distribution	Reference no.
29. <i>Arvicola (= Mus) terrestris</i> (L.)	Different trees, forages and tuberosus plants, red-mace, nuphar, cat's-tail, common reed, horse-tail, potamogeton, carex, bulrush and also predator of snails, larva of aquatic and other adult insects	Zanjan, Esfahan, Kermanshah, Hamadan, Kordestan, Azarbaijan, Tehran, Lorestan and Caspian Sea area	240,244,831,832,837
30. <i>A. terrestris persicus</i> (De Fil.) Syn.: <i>Arvicola amphibius</i> var. <i>persicus</i> De Fil. <i>A. amphibius blanfordi</i> W.T.	Cereals, potato, willow, poplar, apple, pear, aquatic plants and other crops	Tehran, Markazi, Zanjan, Esfahan, Kordestan, Caspian Sea area	244,252,830,831,832,837
31. <i>Calomyscus bailwardi</i> Thomas	Different seed of plants	Tehran, Khorasan, Khuzestan, Fars, Esfahan, Azarbaijan, Semnan	244,831,837
32. <i>C. bailwardi bailwardi</i> Thomas	Different insects	Fars, Khuzestan	837
33. <i>C. bailwardi baluchi</i> Thomas	—	" "	837
34. <i>C. bailwardi elburzensis</i> Good. Syn.: <i>Calomyscus elburzensis</i> Good.	—	Khorasan, Gorgan and Elburz mountains	244,830,831,837
35. <i>C. bailwardi grandis</i>	—	South-western provinces	244
36. <i>C. bailwardi hutsoni</i> Thomas	—	Balouchestan, Khorasan	244,830,831,837
37. <i>Cricetulus migratorius</i> Pall.	Different plants and sometimes insects	Esfahan, Zanjan, Kermanshah, Kordestan, Tehran, Lorestan, Khorasan, Kermanshah, Azarbaijan, Fars, Mazandaran, Gilan, Gorgan, Balouchestan	70,173,244,837
38. <i>C. migratorius cinerascens</i> Wagn.	—	Tehran, Esfahan, Fars, Kerman	244
39. <i>C. migratorius isabellinus</i> De Fil.	Wheat, barley, clover and other plants	Tehran, Khorasan, Esfahan, Kermanshah, East Azarbaijan, Hamadan	252,786,829,830,831
40. <i>C. migratorius migratorius</i> Pall. Syn.: <i>Cricetulus migratorius phaeus</i> Pall. <i>C. migratorius isabellinus</i> De Fil.	Cereals and other different plants and also insects	Tehran, Esfahan, Zanjan, Gilan, Fars	837



Scientific name	Host	Distribution	Reference no.
41. <i>Cricetulus migratorius vermula</i> Thomas	—	Gilan	837
42. <i>C. phaeus</i> Pall. Syn.: <i>Cricetulus migratorius phaeus</i> Pall.	—	Gorgan	830
43. <i>Cricetus</i> (= <i>Mesocricetus</i> ) <i>auratus</i> Water.	Wheat, barley, buck wheat, pea, sunflower, melon, water-melon, cherry, plum, apricot, clover and other plants	Azarbaidjan, Khorasan, Tehran, Hamadan, Kermanshah, Esfahan, Gilan	6,252,830,831
44. <i>Cricetus</i> (= <i>Mesocricetus</i> ) <i>auratus brandti</i> Nehr	—	In Iran	837
45. <i>Ellobius farsistani</i> Ugar.	—	Khorasan	837
46. <i>E. fuscocapillus</i> Blyth	Apple and other different plants	Khorasan, Balouchestan, East Azarbaijan, Zanjan, Lorestan, Esfahan, Hamadan, Kordestan, Tehran, Kermanshah, Mazandaran, Gorgan	70,244,788,831,837
47. <i>E. fuscocapillus fuscocapillus</i> Blyth	Potato, carrot, sugar-beet, onion, nursery plants and many other crops	Khorasan, Balouchestan, Gorgan	244,252,830
48. <i>E. fuscocapillus legendrei</i> Good.	—	Gorgan	244,831,837
49. <i>E. lutescens</i> Thomas	—	Azarbaidjan, Gilan, Esfahan	831,837
50. <i>E. lutescens lutescens</i> Thomas	—	East Azarbaijan, Zanjan, Gilan	837
51. <i>E. lutescens wousnami</i> Thomas	—	Esfahan	837
52. <i>E. talpinus</i> Pall.	Lucerne, cotton, carrot, potato, sugar-beet, onion, flower bulbs, nursery plants and different trees	Azarbaidjan and most other areas	252,831
53. <i>Gerbillus cheesmani</i> Thomas	—	Khuzestan, Balouchestan, Kerman	244
54. <i>G. cheesmani aquilus</i> Sch.-Set.	—	Kerman	244
55. <i>G. gerbillus</i> Ol.	Desert plants	Balouchestan	837
56. <i>G. mesopotamica</i> Harv. Syn.: <i>Gerbillus dasyurus mesopotamiae</i> n. ssp.	—		244
57. <i>G. nanus</i> Blanf.	—	Kerman, Balouchestan, Hormozgan, Boushehr, Khorasan	837
58. <i>Meriones ambrosius</i> Thomas	—	Khuzestan	244
59. <i>M. blackleri blackleri</i> Thomas	—	Zanjan	837
60. <i>M. crassus</i> Sund.	—	Hormozgan, Khorasan, Balouchestan, Kermanshah, Boushehr, Khuzestan, Esfahan, Kerman, Fars	173,244,607,837
61. <i>M. crassus charon</i> Thomas	—	Khuzestan	244,837
62. <i>M. crassus zarudnyi</i> De Fil. Syn.: <i>Meriones zarudnyi</i> Hept.	—	Esfahan, Khorasan, West Azarbaijan	244,252,830,831
63. <i>M. erythrourus</i> Gray.	Cotton, wheat, barley, cucumber, melon, water-melon, lucerne and other crops especially dryland farming products	Khuzestan, Khorasan, Fars, East Azarbaijan, Zanjan, Gorgan	252,754,779,830,831,837

Scientific name	Host	Distribution	Reference no.
64. <i>Meriones erythrourus caucasicus</i> Bran.	—	Esfahan	244
65. <i>M. erythrourus farsi</i> Schill.-Setz.	—	Fars	244
66. <i>M. erythrourus maxeratis</i> Hept.	—	Gorgan	244,831
67. <i>M. hurrianae</i> (Jer.)	Different plants	Hormozgan,Balouchestan,Fars	70,244,252,607,837
68. <i>Meriones hurrianae hurrianae</i> Jer.	—	Balouchestan	837
69. <i>M. iranensis</i> Good.	—	Gorgan and north-eastern provinces	244,607,830,831,837
70. <i>M. libycus</i> Licht.	Cotton,wheat,barley,cucumber,melon,water-melon,lucerne and other crops especially dryland farming products	Khorasan and most other areas of country except Caspian Sea area	70,173,244,252,607,831,837
71. <i>M. meridianus</i> (Pall.)	Calligonum,arthrophytum and other desert plants	Khorasan,Gorgan	6,244,252,607,831,837
72. <i>M. persicus</i> (Blanf.)	Cereals, summer crops and other different cultivated and wild plants and also pistachio,almond and sugar-beet	Generally distributed	70,244,252,265,461,607,754,830,831,837
73. <i>M. persicus ambrosius</i> Thomas	—	Khuzestan	837
74. <i>M. persicus gurganensis</i> Good.	—	Zanjan,Gorgan and other northern provinces	244,252,831,837
75. <i>M. persicus persicus</i> Blanf.	Probably pistachio	Esfahan,Fars,Markazi,Balouchestan,Khorasan,Tehran,Zanjan	244,824,837
76. <i>M. tristrami</i> Thomas Syn.: <i>Meriones blackleri</i> Thomas	Wheat and other cultivated and wild cereals	Zanjan,East Azarbaijan,Tehran,Kordestan,Hamadan	244,252,607,830,837
77. <i>M. vinogradovi</i> Hept.	Sometimes on cereals	Azarbaijan,Kordestan,Zanjan,Tehran	244,607,830,831,837
78. <i>Microtus</i> (= <i>Blanfordimys</i> ) <i>afghanus</i> Thomas	—	Khorasan	830
79. <i>M. arvalis</i> Pall.	Cereals, legumes and sometimes sugar-beet,fruit trees such as apple, forest trees and storage products	Khorasan,Gilan,Mazandaran,Gorgan,Tehran	70,173,244,461,788,830,831,837
80. <i>M. arvalis khorkotensis</i> Good.	—	Khorasan	244,830,831,837
81. <i>M. arvalis mystacinus</i> De Fil.	—	Azarbaijan,Tehran,Khuzestan	244,837
82. <i>M. arvalis transcaspicus</i> Satun.	—	Khorasan	244
83. <i>M. hyrcania</i> Good.	—	Khorasan,Gorgan	244,830,831,837
84. <i>M.</i> (= <i>Chilotus</i> ) <i>irani</i> Thomas	—	Khorasan,Kermansbah,Fars,Kordestan,Hamadan	244,830,831,833,837
85. <i>M. nivalis</i> Mart.	Different plants	Mazandaran,Zard-Kouh	244

Scientific name	Host	Distribution	Reference no.
86. <i>Microtus</i> (= <i>Sumeriomys</i> ) <i>socialis</i> (Pall.)	Wheat, barley, sugar-cane, sugar-beet, apple, pear, garden plum, vegetables, pasture crops, legumes and also its and other animals carcase	Kordestan, East Azarbaijan, Tehran, Fars, Khorasan, Esfahan, Gorgan, Khuzestan, Zanjan, Lorestan, Kermanshah	240,244,252,461, 830,831,833,836, 838,864
87. <i>M. socialis paradoxus</i> Og.-Hept.	Wheat, barley, lucerne and other cereals and pasture crops	Tehran, Kordestan, Gorgan	820,830,831,833, 837
88. <i>Pitymus afganus</i>	—	Khorasan	173
89. <i>P. subterraneus</i> Sellong.	Below ground organ of plants	Khorasan, Mazandaran	173,244,837
90. <i>P. subterraneus dorothea</i> Eller.	—	Mazandaran	837
91. <i>Rhombomys opimus</i> Licht.	Lucerne, cereals, tamarisk, arthropytum and other cultivated and wild plants	Azarbaijan, Khorasan, Mazandaran, Gorgan, Esfahan, Balouchestan	70,244,252,779, 830,831,837
92. <i>R. opimus sadalis</i> Good	—	Gorgan	244,831,837
93. <i>R. opimus sargadensis</i> Hept.	—	Khorasan, Esfahan	244,837
94. <i>Tatera indica</i> (Hard.)	Cotton, sesame, melon, castor-bean, sugar-cane and other crops	Balouchestan, Fars, Kerman, Tehran, Hormozgan, Khuzestan, Khorasan, Kermanshah	70,244,252,265, 754,830,831,837
95. <i>T. indica bailwardi</i> Wrou.	Cotton, sugar-beet, sesame and garden crops	Khuzestan	244,830,837
96. <i>T. indica indica</i> Hard.	—	Balouchestan	837
97. <i>T. indica monticala</i> Wrou.	—	Khuzestan	837
98. <i>T. indica persica</i> Wrou.	—	Balouchestan	244,837
99. <i>T. indica scansa</i> Wrou.	—	Kerman	837
100. <i>T. indica taeniura</i> Wagn.	—	In Iran	837

#### FAMILY DIPODIDAE

Scientific name	Host	Distribution	Reference no.
101. <i>Allactaga elator</i> Licht.	Wheat, barley, millet and other cereals and summer crops	Khorasan, Balouchestan, Fars, Gorgan, Khuzestan, Kordestan, Azarbaijan, Kerman, Tehran	244,252,825,831, 837
102. <i>A. elator aralychensis</i>	—	East Azarbaijan	830
103. <i>A. elator indica</i> Gray	Wheat, barley, millet and other cereals and summer crops	Tehran, Khorasan	830,837
104. <i>A. elator strandi</i> Hept.	" " " " " "	Gorgan	244,252
105. <i>A. elator turkmeni</i> Good.	—	Tehran, Gorgan	244,830,831,837
106. <i>A. euphratica</i> Thomas	Desert plants	Azarbaijan, Kordestan, Zanjan, Khorasan, Kermanshah, Tehran	244
107. <i>A. hotsoni</i> Thomas	—	Balouchestan	244,837
108. <i>A. hotsoni hotsoni</i> Thomas	—	In Iran	837
109. <i>A. williamsi</i> Thomas	Wheat and other cereals and also bulbous plants	Azarbaijan, Zanjan, Gorgan, Kordestan	252,831,837

Scientific name	Host	Distribution	Reference no.
110. <i>Allactaga williamsi schmisti</i> Satun.	—	In Iran	837
111. <i>A. williamsi williamsi</i> Thomas	—	Kordestan	837
112. <i>Allactagabus acontion</i> Pall. Syn.: <i>Allactagabus pygmaeus</i> Pall.	—	Khorasan, Gorgan	831, 837
113. <i>A. acontion turcomanus</i> Hept.-Sam.	Wheat and other cereals and also summer crops, calligonum and other desert bushes	Northern provinces and Gorgan	6, 252, 837
114. <i>A. pumilio</i> (Kerr.)	Desert plants and melon, water-melon and also insects	Khorasan, Kordestan	244
115. <i>Dipus sagitta</i> Pall.	Arthrophytum, haloxyton, calligonum and other desert bushes	Khorasan and other northern provinces	6, 244, 252, 830, 831, 837
116. <i>Jaculus blanfordi</i> (Murr.)	—	Esfahan, Kerman, Balouchestan, Fars, Khorasan, Tehran, Boushehr, Markazi	244, 831, 837
117. <i>J. blanfordi blanfordi</i> Murr.	—	Balouchestan	837
118. <i>J. jaculus</i> L.	Desert plants	Khuzestan, Boushehr, Kordestan, Balouchestan, Fars	244, 830, 831, 837
119. <i>J. jaculus lofusi</i> Blanf.	—	Khuzestan	244, 837
120. <i>J. orientalis</i> Erxl.	—	Hormozgan	830, 831

## FAMILY HYSTRICIDAE

Scientific name	Host	Distribution	Reference no.
121. <i>Hystrix indica</i> Kerr.	Common pea, onion, potato, squash, vegetables, melon, water-melon, apple	Khorasan, Tehran, Esfahan, Gilan, Mazandaran, Gorgan, Azarbaijan, Khuzestan, Balouchestan	70, 244, 788
122. <i>H. leucura</i> Syk Syn.: <i>Hystrix hirsutirostris</i> Brand.	Lucerne, corn, sorghum, sugar-beet, melon, water-melon, squash, carrot, potato, beet, grapevine, mulberry, poplar, elm, beech	Generally distributed	6, 238, 240, 252, 461, 754, 830, 831, 837
123. <i>H. leucura blanfordi</i> Mull.	—	Balouchestan	837
124. <i>H. leucura satunini</i> Mull.	—	Caspian Sea area and Gorgan	831, 837

## FAMILY LAGOMYIDAE (= Ochotonidae)

Scientific name	Host	Distribution	Reference no.
125. <i>Ochotona daurica</i> Pall.	—	Balouchestan	244, 837
126. <i>O. daurica seiana</i> Thomas	—	Balouchestan, Kerman	837
127. <i>O. rufescens</i> Gray	Lucerne and other pasture plants and also ephedra, apple	Balouchestan, Kerman, Esfahan, Boushehr, Kordestan, Tehran, Fars, Gorgan, Markazi, Semnan	6, 70, 252, 265, 788, 826, 830, 831, 837
128. <i>O. vizier</i> Thomas	—	Esfahan	244

## FAMILY LEPORIDAE

Scientific name	Host	Distribution	Reference no.
129. <i>Lepus arabeus</i> Ehr.	—	Balouchestan, Hormozgan	244,837
130. <i>L. arabeus craspedotus</i> Blanf.	—	Balouchestan	244,837
131. <i>L. capensis</i> L.	Apple, sugar-beet and other different plants	Generally distributed	70,236,244,461, 788
132. <i>L. capensis astaricus</i>	—	South-Eastern provinces	238
133. <i>L. capensis cheybani</i>	—	Dasht-E-Kavir	238
134. <i>L. capensis habibi</i>	—	Generally distributed	238
135. <i>L. capensis lehmanni</i> Severt.	—	In Iran	244
136. <i>L. capensis petteri</i>	—	Dasht-E-Kavir	238
137. <i>L. dayanus cannorii</i> Robin.	—	Khuzestan	244
138. <i>L. europaeus</i> Pall.	Wheat, barley, corn, lucerne, carrot, clover, poplar, willow, apricot, white mulberry, maple, beech, apple, acacia, pine, teil, alder, false acacia, almond, oak, white-thorn, elm, ash, oriental plane, arbor vitae, pear and wild pear	Gererally distributed	6,238,240,252, 831,837
139. <i>L. europaeus cannorii</i>	—	Khuzestan	837
140. <i>L. europaeus iranensis</i> Good.	—	Tehran	238,244,830,831, 837
141. <i>L. (= Eulacus) europaeus syrensis</i> Satun.	—	Azarbajan and other northern provinces	6,238,244,252, 830,831,837
142. <i>L. tokai</i> Pall.	Wheat, barley, corn, carrot, lucerne, clover, poplar, willow, apricot, pear, white mulberry, maple, cotton, melon, water-melon and different kinds of fruitful and fruitless trees	Generally distributed	238,252,830,831, 837
143. <i>L. tokai desertorum</i> (Og.-Hept.)	—	Gorgan	830,837
144. <i>L. tokai turcomanus</i> (Hept.)	—	Mazandaran, Gorgan	830,837

## FAMILY MURIDAE

Scientific name	Host	Distribution	Reference no.
145. <i>Acomys cahirinus</i> Desm.	—	Balouchestan, Boushehr, Kerman	835,837
146. <i>A. cahirinus dimidiatus</i> Cretz.	Different plants and also insects and other small animals	Balouchestan, Boushehr, Fars	70,244,837
147. <i>Apodemus arianus</i> (Blanf.) Syn.: <i>Apodemus sibiricus arianus</i> Blanf.	—	Khuzestan, Esfahan and northern provinces	244,830,831,837
148. <i>A. flavicollis</i> Melch. Syn.: <i>Apodemus tauricus</i> Pall.	—	Kermanshah	244,837

Scientific name	Host	Distribution	Reference no.
149. <i>Apodemus sibiricus</i> L.	Different forest and fruit trees, wheat, cotton, walnut, russian olive, seed of different plants such as melon, water-melon, apricot, Compositae family plants and also rarely lucerne and wild plants such as bromus, agilops, agropyron and blue-grass	Mazandaran, Gorgan, Esfahan, Fars, Gilan, Khorasan, Tehran, Azarbajjan, Kermanshah	173,240,244,831,837
150. <i>A. sibiricus chorassanicus</i> Og. - Hept.	Wheat, barley, cotton, lucerne, russian olive, walnut, apricot, oak, beech, teil, maple, melon, water-melon and pasture plants	Caspian Sea area, Gorgan, Khorasan	252,830,831,837
151. <i>A. sibiricus erythronotus</i> Blanf.	—	Mazandaran	837
152. <i>A. sibiricus tauricus</i> Barr. - Hamil	—	Probably in Iran	244
153. <i>A. sibiricus witherbi</i> Thomas	—	Fars	837
154. <i>Golunda ellioti</i> Gray	—	Kerman	265,609
155. <i>Mus bacterianus severtzovi</i> (Kashk.)	Stored cereals in houses and farms	Mazandaran, Gorgan, Chahar Mahal, Balouchestan, Fars	786,831
156. <i>M. musculus</i> L.	Different kinds of agricultural products especially cereals and also apple and other fruit trees	Generally distributed	70,173,240, 244, 252,265,754,788, 830,831,837,889
157. <i>M. musculus bacterianus</i> Blyth.	Different kinds of agricultural products especially cereals	Chahar Mahal, Balouchestan, Fars	244,252,830,831,837
158. <i>M. musculus kaleh-peninsularis</i> Good.	Different storage products and cereal crops in houses and farms	Gilan, Mazandaran, Gorgan and southern provinces	244,790,831,837
159. <i>M. musculus musculus</i> L.	Different storage products	Caspian Sea area and other provinces	244,790
160. <i>M. musculus praetextus</i> Brants	Different storage products in farms	Kordestan, Esfahan, Fars, Zanjan, Chahar Mahal, Balouchestan	244,790,837
161. <i>M. musculus wagneri</i> Evers.	Different storage products	Khorasan	244,790
162. <i>Nesokia indica</i> Gray	Rice, barley, lucerne, cotton, squash, melon, water-melon, sugar-cane, sugar-beet, poplar, false acacia, white mulberry, fan-palm, apple, common reed, liquorice	Generally distributed	70,173,238,240, 252,265,753,754, 788,823,830,831,837
163. <i>N. indica buxtoni</i> Thomas	—	Kermanshah	244
164. <i>N. indica indica</i> Gray	—	Caspian Sea area	244
165. <i>N. indica satunini</i> Nehr. Syn. : <i>Nesokia bailwardi</i> Thomas	Rice, barley, lucerne, cotton, melon, water-melon, squash, sugar-cane, sugar-beet and also nursery plants and other crops	Gilan, Mazandaran, Gorgan	252,830,831,837
166. <i>N. insularis</i> Good.	—	Caspian Sea area, Gorgan	830,831,837
167. <i>N. legendrei</i> Good.	—	Gorgan	831,837
168. <i>Rattus norvegicus</i> Berk.	Stored cereals and legumes, animal foodstuffs and sometimes egg, pullet and also vector of plague	Generally distributed	70,244,775,786, 831,837,889

Scientific name	Host	Distribution	Reference no.
169. <i>Rattus rattus</i> L.	Corn and other different plants and agricultural products	Gilan, Mazandaran, Gorgan, Tehran, Khuzestan, Kerman, Fars, Esfahan, Kordestan, Balouchestan, Khorasan, Zanjan	70,240,252, 754, 786,822,830,831, 837,889
170. <i>R. rattus alexandrinus</i> (Geoff.)	" " " " "	Mazandaran,Gorgan and other areas	244,786,831,837
171. <i>R. rattus rattus</i> L.	—	Caspian Sea area	244
172. <i>R. turkestanicus</i> Satun.	Seed of different plants and also insects and other small animals	Khorasan	244

### FAMILY MYOCASTORIDAE

Scientific name	Host	Distribution	Reference no.
173. <i>Myocastor coypus</i> Moll.	Common reed and forages from Aras river margin	East Azarbaijan	837

### FAMILY MYOXIDAE

Scientific name	Host	Distribution	Reference no.
174. <i>Dyromus nitedula</i> Pall.	Apple, pear, peach, apricot, walnut, almond, white-thorn, pumpkin, melon, water-melon and other crops and sometimes insects,egg and chick	Mazandaran, Gilan, Tehran, Azarbaijan, Kordestan, Esfahan, Kerman, Khuzestan, Fars, Khorasan	238,244,252,788, 830,831,837
175. <i>D. nitedula kurdistanicus</i> Og. - Tur.	—	Kordestan	837
176. <i>D. nitedula pictus</i> Blanf.	Apple, pear,peach,apricot,walnut, almond, white-thorn, pumpkin, melon,water-melon and other crops	Esfahan, Kordestan, Fars, Kerman,Khorasan	244,252,830,831, 837
177. <i>D. nitedula tichomirovi</i> Satun.	—	Azarbaijan, Kordestan	244
178. <i>Glis glis</i> L.	Oak, olive and other fruits	Gilan, Mazandaran, Gorgan, Tehran, Khorasan	244,837
179. <i>G. glis caspicus</i> Satun.	Olive, walnut, oak, apple, pear, peach,apricot, plum, cherry, grapevine, medlar, hazelnut,birch, spruce, cerasus,sloe tree and wild pear	Gilan, Mazandaran, Gorgan, Tehran, Khorasan	6,238, 240, 252, 256,821,830,831, 837
180. <i>G. glis persicus</i> Exrl.	—	Gilan	244,837
181. <i>G. glis petrucii</i> Good.	Oak, walnut, apple, pear, apricot	Gorgan	238,244,256,830, 831,837
182. <i>Myomimus personatus</i> Og.	—	Khorasan, Gorgan	830,837
183. <i>M. setzeri</i> Ross.	—	Lorestan, Kordestan	244

### FAMILY SCIURIDAE

Scientific name	Host	Distribution	Reference no.
184. <i>Citellus fulvus</i> Lick.	Field crops and weeds	Zanjan, Khorasan	240

Scientific name	Host	Distribution	Reference no.
185. <i>Citellus fulvus concolor</i> Geoff.	—	Zanjan	827,837
186. <i>C. fulvus fulvus</i>	—	Khorasan	837
187. <i>C. (= Colobotis) fulvus hypoleuca</i> Satun.	Wheat , barley and other cereals and also desert plants	Khorasan, Zanjan, Hamadan	252,830,837
188. <i>C. fulvus parthianus</i> Thomas	—	Khorasan	244,837
189. <i>Funambulus palmarum</i> L.	Seed of different trees and also predator of <i>Oryctes elegans</i>	Balouchestan	128,238,252,305, 828,830,831
190. <i>F. pennanti</i> Wr.	Date-palm, tamarind	Kerman, Balouchestan, Hormozgan	244,837
191. <i>Sciurus anomalus</i> Guld.	Walnut, hazelnut , almond , oak , white mulberry and some other fruits and sometimes egg and chick	Fars and probably Zagros mountains	244,837
192. <i>S. anomalus pallescens</i> Gray	—	Fars	837
193. <i>S. persicus</i> Erxl.	Walnut, chestnut, oak, other forest fruit and nuts trees and also box-wood, alder, beech	Northern and eastern provinces	6,252,830,831
194. <i>Spermophilopsis leptodactylus</i> Licht.	Desert plants and sometimes wheat, barley and other cereals, ephedra, poa, calligonum and also predator of Coleoptera species	Khorasan, Gorgan and sandy area of northern regions	244,252,277,830, 831,837
195. <i>Spermophilus (= Citellus) fulvus</i> (Licht.)	Cereals and wild plants	Khorasan, Zanjan, Hamadan, Gilan, Kordestan	244,831,837

## FAMILY SPALACIDAE

Scientific name	Host	Distribution	Reference no.
196. <i>Spalax</i> sp.	—	Esfahan	830

## PHYLUM MOLLUSCA

## CLASS GASTROPODA

## ORDER STYLOMMATOPHORA

## FAMILY ARIONIDAE

Scientific name	Host	Distribution	Reference no.
197. <i>Arion ater</i> L.	—	In Iran	522

## FAMILY CYCLOPHORIDAE

Scientific name	Host	Distribution	Reference no.
198. <i>Caspicyclotus silversi</i> (L. - Pfr.)	—	Northern provinces	522

## FAMILY ENIDAE

Scientific name	Host	Distribution	Reference no.
199. <i>Zebrina hohenackeri</i> (L. - Pfr.)	—	Azarbajjan, Kordestan	522



## FAMILY HELICIDAE

Scientific name	Host	Distribution	Reference no.
200. <i>Caucasotachea atrolabiata</i> (Kryn) Syn.: <i>Helix atrolabiata</i> var. <i>stauropolitana</i> (Schm.)	Different wild and cultivated plants	Northern provinces	252
201. <i>C. (= Helicidea) lencoranea</i> (Mouss.) Syn.: <i>Helix atrolabiata</i> var. <i>lencoranea</i> Mouss., <i>H. aspersa</i>	Citrus, tea, grapevine and other plants	Caspian Sea area	69,238,240,252, 253,522
202. <i>Helicella candeharica</i> Ph.	Citrus and sometimes cotton, apricot, apple, alder, poplar, false acacia and weeds	Caspian Sea area, Markazi, Fars, Khorasan, Esfahan, Azarbaijan	6,238,240,253, 522,788,889
203. <i>H. candeharica</i> var. <i>millepunctata</i> Boett. Syn.: <i>Helix derbentina</i> Auct.	False acacia, willow, common elder, russian olive and other plants especially in nurseries	Northern provinces	252
204. <i>H. (=Xerophila) krynickii</i> (Kryn.)	Different wild and cultivated plants	" "	252,606
205. <i>Helix aspersa</i>	Citrus	Mazandaran	194,522
206. <i>H. lucorum</i> L.	Roses and different wild and cultivated plants	East Azarbaijan and other northern provinces	6,240,252,522
207. <i>H. pisana</i>	Citrus	Mazandaran	194
208. <i>H. pomatia</i> L.	Citrus, tea, grapevine and other fruit trees	Caspian Sea area	238,252,522
209. <i>Levantina dschulfensis</i> (Bourg.)	Different wild and cultivated plants	North - western provinces	252
210. <i>L. dschulfensis</i> var. <i>mazandaranensis</i> Kob.	" " " " "	Caspian Sea area	252
211. <i>L. escheriana</i> (Bourg.)	" " " " "	" " "	252
212. <i>Monacha schotti</i> (Pfr.)	Citrus	Khuzestan, Kerman	238,522
213. <i>Theba pisana</i> (Mull.)	"	Mazandaran, Tehran	194,238,522

## FAMILY LIMACIDAE

Scientific name	Host	Distribution	Reference no.
214. <i>Agriolimax agrestis</i> (L.) Syn. : <i>Derocerus reticulatum</i>	Broad - bean, lettuce, tomato, citrus, roses, tea, euonymus, evergreen euonymus, vegetables, ornamental and nursery plants	Caspian Sea area	6,194, 195, 238, 240,252,253,461, 552
215. <i>A. caspicus</i> Smir.	" " " " "	Northern provinces	6,252
216. <i>Derocerus reticulatum</i>	—	" "	238
217. <i>Gigantolimax lenkoranus</i> Smir.	Broad - bean, lettuce, tomato, citrus, tea, euonymus, evergreen euonymus, vegetables, ornamental and nursery plants	" "	6,252

Scientific name	Host	Distribution	Reference no.
218. <i>Gigantolimax talyschanus</i> Smir.	Broad - bean, lettuce, tomato, citrus, tea, euonymus, evergreen euonymus, vegetables and nursery plants	Northern provinces	6,252
219. <i>Lehmannia valentiana</i> (Fer.)	Citrus, carnation, slender naiad, cabbage and other vegetables	Khorasan, Tehran, Esfahan, Caspian Sea area	240,522,889
220. <i>Limax keyserlingi</i> Mart.	Broad - bean, lettuce, tomato, citrus, tea, euonymus, evergreen euonymus, vegetables, ornamental and nursery plants	Northern provinces	6,252
221. <i>Parmacella ibera</i> Eich.	Broad - bean, lettuce, tomato, citrus, tea, euonymus, teil, common pea, lentil, bean, potato, egg plant, cabbage, radish, garlic, morning glory, onion, gundelia and other vegetable, ornamental and nursery plants	" "	6, 69, 238, 240, 253,461,522,610, 889
222. <i>P. olivieri</i>	Citrus	" "	6

## FAMILY MELANIIDAE

Scientific name	Host	Distribution	Reference no.
223. <i>Melanopsis praemorse</i> L.	—	Khorasan	637

## FAMILY POMATIACIDAE

Scientific name	Host	Distribution	Reference no.
224. <i>Pomatia rivulare</i> (Eich.)	—	Mazandaran, Gorgan	238,240,522

## PHYLUM ARTHROPODA

## CLASS ARACHNIDA

## ORDER ACARIDIDA (= Acarina)

## FAMILY ACARIDAE (= Tyroglyphidae)

Scientific name	Host	Distribution	Reference no.
225. <i>Acarus siro</i> L. Syn.: <i>Tyroglyphus farinae</i> (De G.), <i>Aleurobius farinae</i>	Different grains, cheese, dried forage, seed of flax, flour and rice (in granary)	West Azarbaijan, Gorgan, Markazi, Khorasan, Mazandaran	70,257,451,769, 772,775,786
226. <i>Aleuroglyphus ovatus</i> Troup.	Grass seed, rice, dried forage, storage products and stored cereals (in granary)	East Azarbaijan, Mazandaran	257,786
227. <i>Caloglyphus berlesei</i> (Mich.)	Hen manure	East Azarbaijan	162
228. <i>Sancassania berlesei</i> (Zach.)	Storage products such as potato, onion, wheat, barley, rice and feed of poultry	Fars	632
229. <i>S. krameri</i> (Bert.)	" " " " "	"	632
230. <i>S. (=Caloglyphus) mycophagus</i> (Meg.)	" " " " "	"	632
231. <i>S. redikorzevi</i> (Zach.)	" " " " "	"	632
232. <i>Schwiebia</i> sp. nr. <i>elongatus</i> (Banks)	" " " " "	"	632

Scientific name	Host	Distribution	Reference no.
233. <i>Tyroglyphus farinae</i> L.	Flour and grains of wheat and other cereals	Generally distributed	252,889
234. <i>T.</i> sp.	Lucerne	Esfahan	347
235. <i>Tyrophagus brauni</i> E. - F.	Clover	Tehran	795
236. <i>T. dimidiatus</i> Herm.	Storage products	In Iran	769,786,795
237. <i>T. entomophagous</i> (Laboul.)	—	Mazandaran	260
238. <i>T. putrescentiae</i> (Schr.)	Potato, wheat, barley, rice and other storage products (in granary), apple and date-palm trees and also predator of <i>Aonidiella orientalis</i>	Khorasan, Mazandaran, Gilan, Tehran, Fars, Khuzestan	70,257,260, 451, 486,551,724,725, 772,782,786

#### FAMILY AMEROSEIIDAE

Scientific name	Host	Distribution	Reference no.
239. <i>Kloemannia</i> sp.	Oak	Forests of northern regions	451,795

#### FAMILY ANYSTIDAE

Scientific name	Host	Distribution	Reference no.
240. <i>Absoloniana diversipes</i> Wilm.	On cereals	Chahar Mahal	616
241. <i>Anystis baccarum</i> (L.)	Fig, poa, barley, beehive and also predator of <i>Aphis pomi</i> and <i>Tetranychus urticae</i>	Mazandaran, Khuzestan, Khorasan, Chahar Mahal	260,417,456,616, 719,724
242. <i>A.</i> sp.	Apple	Tehran	128,451,795

#### FAMILY ASCIDAE

Scientific name	Host	Distribution	Reference no.
242/1. <i>Blattisocius keegani</i> Fox	—	In Iran	775
243. <i>B. tarsalis</i> (Berl.)	Predator of egg and larva of <i>Sitotroga</i> spp., <i>Ephesia</i> spp. and collected on stored wheat and barley (in granary)	Fars	629/1,775
244. <i>Gamaselodes bicolor</i> (Berl.)	Predator and collected on onion, shallot and potato contaminated to <i>Rhizoglyphus</i> spp. and <i>Tyrophagus</i> spp. (in granary)	"	629/1
245. <i>Indiraseius extremus</i> Danesh.	Predator and collected on morus, tea, rice, bramble berry, fig, sorghum, sudan grass and sugar-cane	Gilan, Mazandaran, Khuzestan	164,725
246. <i>Iphidozercon gibbus</i> (Berl.)	Predator and collected on decaying onions (in granary)	Fars	629/1
247. <i>Proctolaelaps bickleyi</i> (Bram)	Predator and collected on onion and potato contaminated to <i>Schwiebia</i> spp. and <i>Rhizoglyphus</i> spp. (in granary)	"	629/1
248. <i>P. pygmaeus</i> (Mull.)	Date-palm and collected on onion and potato contaminated to <i>Schwiebia</i> spp. and <i>Rhizoglyphus</i> spp. (in granary)	Khuzestan, Fars	551,626/1,775

Scientific name	Host	Distribution	Reference no.
249. <i>Proctolaelaps regalis</i> De Leon	Predator and collected on onion (in granary)	Fars	629/1

### FAMILY BDELLIDAE

Scientific name	Host	Distribution	Reference no.
250. <i>Bdella lattakia</i> S.-Z.	Collected on clover	Hamadan	455
251. <i>B.</i> sp.	On dried leaves of citrus	Mazandaran	451,795
252. <i>B.</i> sp. nr. <i>longicornis</i> (L.)	On lettuce	Khuzestan	417
253. <i>Bdellodes lapidaria</i> Kram.	Predator and collected on cereals	Chahar Mahal	616
254. <i>B. virgulata</i> (Can.-Fran.)	Predator and collected on lucerne	Hamadan	455
255. <i>Biscirus simplexus</i> Sol.	Predator and collected on bean , acroptilon and alhagi	"	455
256. <i>Spinibdella cornini</i> (B.-B.)	Predator and collected on sainfoin, bean, lucerne, clover, false acacica, astragale, alhagi, liquorice, acroptilon and pagoda tree	"	455
257. <i>S. simplexus</i> Sol.	Predator and collected on bean , acroptilon and alhagi	"	455

### FAMILY CARPOGLYPHIDAE

Scientific name	Host	Distribution	Reference no.
259. <i>Carpoglyphus lactus</i> L.	Different storage products	In Iran	771,786

### FAMILY CHORTOGLYPHIDAE

Scientific name	Host	Distribution	Reference no.
260. <i>Chortoglyphus arcuatus</i> Troup.	Rice (in granary)	Mazandaran	257,775

### FAMILY CUNAXIDAE

Scientific name	Host	Distribution	Reference no.
261. <i>Cunaxa doxa</i> Chaud.	Bean	Hamadan	455
262. <i>C.</i> sp.	—	Mazandaran	260
263. <i>Cunaxoides setirostris</i> (Herm.)	Potato	"	451,772,786
264. <i>Dactyloscirus ebrinus</i> Chaud.	Predator of other mites and small insects and . collected on pagoda tree	Hamadan	455

Scientific name	Host	Distribution	Reference no.
265. <i>Dactyloscirus fuscus</i> Chaud.	Predator of other mites and small insects and collected on bean and lucerne	Hamadan	455
266. <i>Neocunaxoides andrei</i> (Bak.-Haff.)	Predator of other mites and small insects and collected on lucerne	"	455
267. <i>N. cinetus</i> Chaud.	" " " " " "	"	455

### FAMILY ERIOPHYIDAE

Scientific name	Host	Distribution	Reference no.
268. <i>Acaphylla theae</i> (Kief.)	Tea	Gilan, Mazandaran	450,451,772
269. <i>Aceria dianthus</i> (Lind.)	Carnation	Tehran	129,451,772
270. <i>A. erineus</i> (Nal.)	Walnut	Forests of northern regions	252,451,772
271. <i>A. ficus</i> Cott.	Fig	Tehran, Markazi, Semnan	238,452,602
272. <i>A. (=Eriophyes) granati</i> (Can.)	Pomegranate	Tehran, Markazi, Balouchestan	72,252,451,772
273. <i>A. (=Eriophyes) ilicis</i> (Can.)	Oak	Forests of northern regions , Kordestan, Lorestan	6,129, 252, 451, 772
274. <i>A. macrorrhyncha</i> Nal. Syn.: <i>Aceria macrorrhynchus</i> Nal., <i>Eriophyes macrorrhynchus</i> Nal.	Maple	Kermanshah	6,129,252
275. <i>A. parapopuli</i> K.	White poplar	West Azarbaijan	129,451,772
276. <i>A. (=Eriophyes) pistaciae</i> (Nal.)	Pistachio	Khorasan, Kerman	6, 69, 129, 252, 509
277. <i>A. shekloni</i> (Ew.)	Lemon and other citrus	Kerman, Mazandaran, Khuzestan	238,417,452,772
278. <i>A. (=Eriophyes) stefanii</i> (Nal.)	Pistachio	Kerman	509
279. <i>A. (=Eriophyes) tristriatus</i> (Nal.) Syn.: <i>Eriophyes tristriatus</i> var. <i>erineus</i> (Nal.), <i>E. erineus</i> Nal.	Walnut, willow	East Azarbaijan, Khorasan, Esfahan, Chahar Mahal, Markazi, Tehran, Kerman and walnut planting areas	6,23,129,162,238, 252,772
280. <i>Aculops lycopersici</i> (Mass.)	Tomato, egg plant	Khuzestan	417
281. <i>A. sp.</i>	White poplar, willow	Tehran	451,772
282. <i>Aculus schlechtendali</i> (Nal.)	Apple	Khorasan	724
283. <i>Calacarus carinatus</i> (Gr.) Syn.: <i>Calacarus adornatus</i> K.	Tea	Gilan, Mazandaran	450,451,772
284. <i>Epirimerus pyri</i> Nal.	Pear, plum	Tehran, Mazandaran	128,772
285. <i>Eriophyes brevipunctatus</i> Nal.	Elm	East Azarbaijan	129,772
286. <i>E. chinensis</i> Trott.	Apricot	Azarbaijan, Esfahan	128,129,772
287. <i>E. laevis</i> Nal.	Alder	Northern provinces	6,129
288. <i>E. padi</i> Nal.	Garden plum, sour-cherry	Tehran, Esfahan	128,772

Scientific name	Host	Distribution	Reference no.
289. <i>Eriophyes quercinus</i> Can.	Oak	Kordestan, Lorestan	6,129,252
290. <i>E. sacchari</i> (Chan.)	Sugar-cane	Khuzestan	725
291. <i>E. similis</i> Nal.	Plum, garden plum	Tehran, Esfahan	128,772
292. <i>E. similis tipycus</i> Nal.	Plum	East Azarbaijan, Esfahan	129,252
293. <i>E. tetanothrix</i> Nal.	Willow	Generally distributed	129,252
294. <i>E. tulipae</i> K.	Cereals	Chahar Mahal	616
295. <i>E. (= Colomerus) vitis</i> (Pgst.)	Grapevine	Khuzestan and other areas	6,112, 128, 129, 162,176,252,286, 417,451,769,772, 889
296. <i>Phyllocoptes graniti</i> K.	Almond	East Azarbaijan	128,129,772
297. <i>Phyllocoptera calisalicis</i> K.	—	Forests of northern regions	451
298. <i>P. oleivora</i> (Ashm.) Syn.: <i>Phyllocoptes oleivorus</i> Ashm., <i>Typhlodromus oleivorus</i> Ashm.	Orange, limon, lime tree , mandarin, grapevine	Caspian sea area	69,238,240, 252, 253,260,286,451, 769,772,889
299. <i>Phytoptus marginatus</i> (Nal.)	Pear	Esfahan	272
300. <i>P. pseudoinsidiosus</i> (Wils)	"	"	271,272
301. <i>P. (= Eriophyes) pyri</i> (Pgst.)	Pear, apple, mahus, quince,medlar, white-thorn, wild pear	Gilan, Mazandaran, Esfahan , Fars , Azarbaijan,Tehran, Khorasan	6,69,129,162,176, 186,238,240,252, 451,724,769,772 889
302. <i>P. (= Eriophyes) pyri</i> var. <i>malii</i> (Nal.)	Apple	East Azarbaijan, Esfahan, Tehran	128,162,769,772
303. <i>Rhyncaphytoptus ficifoliae</i> K.	Fig	Tehran, Khuzestan	129,252,417,451 772
304. <i>Vasates aceris-crumena</i> (Ril.)	Maple	South-western provinces	6,129
305. <i>V. cornatus</i> (Banks.)	Peach	Khorasan, Fars, Esfahan	128,451,772
306. <i>V. quadripetes</i> Shim.	Maple	South-western provinces	6,129
307. <i>V. schlehtendali</i> Nal.	Apple	Tehran, Mazandaran	128,772
308. <i>Vastatex (= Aculops) lycopersici</i> (Mass.) Syn.: <i>vastatex destructor</i> (Kieff.)	Tomato and also on egg plant, black nightshade , heliotropium , morning glory, amaranthus, boray cress, dwarf mallow , <i>Petunia violacea</i> and <i>Ipomoea</i> sp.	Fars, Tehran, Khuzestan, Lorestan	116,240,252,451, 769,772

## FAMILY EUPODIDAE

Scientific name	Host	Distribntion	Reference no.
309. <i>Eupodes</i> sp. nr. <i>vonencollinus</i>	Date-palm	Khuzestan	551

## FAMILY GLYCYPHAGIDAE

Scientific name	Host	Distribution	Reference no.
310. <i>Glycyphagus cadaverus</i> Schr.	Different storage products	In Iran	769,772,786
311. <i>G. destructor</i> (Schr.)	Flour, rice and other storage products (in granary)	East Azarbaijan, Mazandaran	257,451,775,786
312. <i>G. domesticus</i> De G.	Different storage products	Generally distributed	769,772,775,786
313. <i>Gohieria fusca</i> Oud.	Rice and other storage products	Gilan, Mazandaran	257,772,775,786

## FAMILY ORIBATIDAE

Scientific name	Host	Distribution	Reference no.
314. <i>Liebstadia</i> sp.	Predator of <i>Parlatoria zizyphi</i> , <i>Lepidosaphes beckii</i> and other scale insects	Mazandaran	252
315. <i>Mycobatus</i> sp.	Fan-palm	Generally distributed	6
316. <i>Siculobata sicula</i>	Pear	Lorestan, Mazandaran	451,772
317. <i>Zygoribatula</i> sp. nr. <i>areolata</i> Hamm.	Cereals	Chahar Mahal	616

## FAMILY PEDICULOPSIDAE

Scientific name	Host	Distribution	Reference no.
318. <i>Pediculopsis</i> sp.	Cotton	East Azarbaijan	252,754

## FAMILY PTERYGOSOMIDAE

Scientific name	Host	Distribution	Reference no.
319. <i>Pimeliaphilus</i> sp.	Date-palm	Khuzestan	417

## FAMILY PYEMOTIDAE

Scientific name	Host	Distribution	Reference no.
320. <i>Pyemotes</i> (= <i>Pediculoides</i> ) <i>ventricosus</i> (Newp.)	Predator of <i>Sphenoptera davatchii</i> and <i>Ruguloscolytus mediterraneus</i>	East Azarbaijan, Tehran, Semnan, Zanjan, Markazi, Kordestan, Kermanshah	128,451,656,662,665

## FAMILY RHIZOGLYPHIDAE

Scientific name	Host	Distribution	Reference no.
321. <i>Rhizoglyphus echinopus</i> (F.-R.) Syn.: <i>Rhizoglyphus callae</i> Oud.	Amarylils, hyacinth, saffron, lily, gladiola and other flower bulbs and also potato, onion, tomato, shallot and date-palm	East Azarbaijan, Esfahan, Tehran, Fars, Khuzestan	129,162,252,425,551,630,725,772,775,786
322. <i>R. lucasii</i> Hug.	Bulbs of different plants	Esfahan, Tehran	786
323. <i>R. robini</i> Clap.	Bulbs of saffron, onion, shallot and ornamental plants and also potato and date-palm	Khorasan, Fars, Khuzestan	551,630,682

Scientific name	Host	Distribution	Reference no.
324. <i>Suidasia medanensis</i> Oud.	—	In Iran	775
325. <i>S. nesbiti</i> Hugh.	Rice (in granary)	Mazandaran	257,775

### FAMILY STIGMAEIDAE

Scientific name	Host	Distribution	Reference no.
326. <i>Agistemus bakeri</i> Gonz.	Fig	Khuzestan	417
327. <i>A. macrommatus</i> G. - R.	Predator and collected on citrus	Gorgan	128,772
328. <i>A. sp. nr. unguiparvus</i> Gons.	—	Mazandaran	260
329. <i>Eryngiopus gracilis</i> Summ.	—	"	260
330. <i>Zetzellia mali</i> (Ew.)	Predator of <i>Panonychus ulmi</i> and other mite eggs and collected on pear, apple, peach, plum, garden-plum, bramble berry, cherry and sour-cherry	East and West Azarbaijan, Khorasan, Tehran, Kermanshah, Markazi	162,163,451,588, 590,724,769,772

### FAMILY TARSONEMIDAE

Scientific name	Host	Distribution	Reference no.
331. <i>Acarapis woodi</i> R.	Parasite of <i>Apis mellifera</i>	In Iran	131
332. <i>Steneotarsonemus bancrafti</i> (Mich.)	Sugar-cane	Khuzestan	417,451,725,772
333. <i>Tarsonemus fusarii</i> Coor.	—	Mazandaran	260
334. <i>T. granarius</i> Lind.	Rice (in granary)	"	257
335. <i>T. sp.</i>	Sugar-beet, sudan grass	Khuzestan	725
336. <i>T. sp. nr. nodosus</i> Schw.	—	Mazandaran	260

### FAMILY TENUIPALPIDAE

Scientific name	Host	Distribution	Reference no.
337. <i>Aegyptobia beglarovi</i> Liv.	Cupressus	Khuzestan	417
338. <i>A. daneshvari</i> sp. n.	Poplar	Tehran	640
339. <i>A. glyptus</i> (Say.)	Coniferous trees such as arbor vitae and scotch pine	"	129,451,772
340. <i>A. tragardh</i> Say.	Cupressus	Khuzestan	417
341. <i>Brevipalpus irani</i> (Dos.)	Apple, pear, olive	"	417
342. <i>B. lanceolatisetae</i> Att.	Pear	"	417
343. <i>B. lewisi</i> Mcg.	Citrus	Caspian Sea area	128,238,451,772
344. <i>B. mcgregori</i> Bak.	Black poplar	Azarbaijan, Gorgan	129,451,772
345. <i>B. obovatus</i> Donn. Syn.: <i>Brevipalpus inornatus</i> (Banks.), <i>Tenuipalpus inornatus</i> (Banks.)	Tea, pelargonium, european privet, bramble berry, tamarisk	Caspian Sea area, Tehran	69,129,238, 252, 450,451,769,772, 889



Scientific name	Host	Distribution	Reference no.
346. <i>Brevipalpus olearius</i> (Say.)	Olive	Gilan	129,451,769,772
347. <i>B. orchidarum</i> Parf.	—	In Iran	769
348. <i>B. oudemansi</i> Geij.	Apple	Tehran	252
349. <i>B. phoenicis</i> (Geij.)	Cyclamen, mint	Gorgan	129,451,769,772
350. <i>Cenopalpus bakeri</i> Duzg.	Apple, quince, garden plum	Tehran, Mazandaran, Khorasan	128,451,623,724, 769,772
351. <i>C. crataegi</i> Dosse	White-thorn	Tehran	128,129,772
352. <i>C. evini</i> sp. n.	Poplar	Markazi	470
353. <i>C. irani</i> Dosse	Apple, japan quince	Tehran, Fars	128,129,451,619, 772
354. <i>C. lanceolatisetae</i> (Att.)	Apple, pear, plum, garden plum, mistletoe, egyptian willow	Tehran, Fars, Esfahan, Gorgan	128,129,451,623, 769,772
355. <i>C. mayerae</i> sp. n.	Oriental plane	Tehran	470
356. <i>C. pennataetis</i> Wain.	Egyptian willow	Esfahan	129,451,769,772
357. <i>C. prichardi</i> Duzg.	Willow and deciduous trees	"	128,129,451,769, 772
358. <i>C. pulcheri</i> (C. - F.)	Apple, pear, quince, peach, oriental plane, garden plum, walnut, peach tree and tomato	Generally distributed	69,128,162,176, 241,451,623,724, 768,769,772,788, 889
359. <i>C. spinosa</i> Donn.	Bramble berry	Mazandaran	129,451,772
360. <i>Oledulia tamaricis</i> P. - B.	Tamarisk	Tehran, Markazi	6,117,129,772
361. <i>Pentamerismus canadensis</i> Mcg.	Cypress tree, cupressus	Tehran	129,772
362. <i>Raoiella indica</i> Hir.	Date-palm, fan-palm, grapevine	Boushehr, Fars, Khuzestan	6,128, 129, 417, 451
363. <i>Tenuipalpus</i> (= <i>Colopalpus</i> ) <i>eriophyoides</i> (Bak.)	Date-palm, fan-palm	Khuzestan and other southern provinces	6,128, 129, 417, 451,769,772
364. <i>T. euonymi</i> sp. n.	Euonymus	Tehran	470
365. <i>T. granati</i> (Say.)	Pomegranate, grapevine, pistachio, barberry	Khuzestan, Kerman, Tehran	6,128, 129, 252, 417,451,769,772
366. <i>T. pistaciae</i> n. sp.	Pistachio	Zanjan, Esfahan	451,769
367. <i>T. portulacae</i> n. sp.	Purslane	Kerman	640
368. <i>T. punicae</i> P. - B.	Fig, pomegranate	Generally distributed	128,129,252,417, 451,469,769,772, 889

#### FAMILY TETRANYCHIDAE

Scientific name	Host	Distribution	Reference no.
369. <i>Bryobia karoensis</i> Smith-Meyer	Alhagi	Ilam	455

Scientific name	Host	Distribution	Reference no.
370. <i>Bryobia praetiosa</i> Koch.	Apple, pear, plum, cherry, cerasus, citrus, apricot, clover, maple and other cultivated, wild and ornamental plants and also wheat, barley, wild rye and acroptilon	Caspian Sea area, Khorasan, Tehran, Khuzestan, Hamadan, Chahar Mahal and central provinces	6,69,129,189,252, 286,417,451,455, 616,722,725,769, 772,788
371. <i>B. rubrioculus</i> Scheut.	Apple, pear, peach, plum, garden plum, cherry, sour-cherry and sometimes walnut	East Azarbaijan, Khorasan, Tehran and most other fruit planting areas	128,176,240,241, 451,724,769,772, 788,889
372. <i>B. rubrioculus</i> form <i>prunicola</i> Math.	Apricot, plum, garden plum, cherry, sour-cherry	East Azarbaijan	162
373. <i>B. rubrioculus</i> form <i>typica</i> Math.	Apple, pear	Generally distributed	162
374. <i>Eotetranychus carpinioborealis</i> Prit. - Bak.	Oak	East Azarbaijan	162
375. <i>E. evini</i> n. sp.	Apple	Tehran, Fars	128,451
376. <i>E. frosti</i> (Mc G.)	"	Khorasan	724
377. <i>E. hirsti</i> P. - B.	Fig	Balouchestan, Fars, Khuzestan	72,250,417,751, 808
378. <i>E. pomi</i> Sepas.	Apple	East Azarbaijan, Esfahan, Khorasan, Tehran	69,238,241,769, 772
379. <i>E. (= Tetranychus) populi</i> (Koch)	Black poplar	East Azarbaijan, Esfahan	6,129, 162, 451, 772
380. <i>E. pruni</i> Oud.	Apple, pear	Khorasan	70,724,788,790, 795
381. <i>E. weldoni</i> Ew.	Willow	Tehran	129,772
382. <i>Epitetranychus altheae</i> Zach.	Cotton, squash, melon, water-melon, broad bean, pea, tomato, egg plant	Azarbaijan, Tehran, Kermanshah, Mazandaran, Fars, Khorasan and central provinces	22,25,195
383. <i>Eurytetranychus (= Eutetranychus) buxi</i> (Germ.)	Box-wood	Gilan, Mazandaran	6,129,451,772
384. <i>E. banksi</i>	—	In Iran	286
385. <i>E. ficis</i> Mey.	Fig	Khuzestan	417
386. <i>E. palmatus</i> Att.	Date-palm	"	417
387. <i>Neotetranychus</i> sp.	—	In Iran	769
388. <i>Oligonychus coffeae</i> Mc G.	Apple, quince	Khorasan	724
389. <i>O. judihae</i> Meyer.	Arbor vitae	Esfahan	129
390. <i>O. zeae</i> (Mc G.)	Sugar-cane, corn	Khuzestan	417
391. <i>Oligotetranychus (= Oligonychus) bicolor</i> (Banks.)	Cherry, sour-cherry, quince, white mulberry, black mulberry, oriental plane	Tehran and other northern and western provinces	6,128, 129, 252, 451,639,769,772
392. <i>O. (= Oligonychus) gutierrezii</i> (Pat.)	Oriental plane	Esfahan	6,129,639

Scientific name	Host	Distribution	Reference no.
393. <i>Oligotetranychus</i> (= <i>Oligonychus</i> ) <i>platani</i> (Mcg.)	Oriental plane, pine, sunflower	Caspian Sea area, Esfahan	6,129,451,639,772
394. <i>O. sacchari</i> (Mcg.)	Sugar-cane	Esfahan, Khuzestan	6,129, 417, 451, 639,725,726,772
395. <i>Panonychus</i> (= <i>Paratetranychus</i> ) <i>citri</i> (Mcg.)	Citrus	Caspian Sea area and southern provinces	194,195,252,260,286,451,452
396. <i>P. mori</i> Voko.	—	In Iran	839
397. <i>P.</i> (= <i>Tetranychus</i> ) <i>ulmi</i> (Koch.) Syn.: <i>Eotetranychus pilosus</i> Koch.	Apple , pear, peach, plum, garden plum , quince , cerasus, sloe tree , iron tree, roses, glycyrrhiza, maple, elm, christ's thorn, oak, false acacia, teil, prunus, willow, common lilac, wild pear	Mazandaran, Gorgan, Tehran, Azarbaijan, Kordestan, Khorasan, Esfahan and other central provinces	6,70,124,128,129,165,241,724,772,788,889
398. <i>Paratetranychus</i> (= <i>Oligonychus</i> ) <i>afasiaticus</i> (Mcg.)	Date-palm , fan-palm , sorghum , corn, sugar-cane	Esfahan, Yazd, Khuzestan, Fars, Balouchestan, Kerman and most other date-palm planting areas	6,69,128,129,186,252,302,307,414,417,451,725,769,772
399. <i>P.</i> (= <i>Tetranychus</i> ) <i>pilosus</i> C.-F. Syn.: <i>Penthalodes mytilaspidis</i> Riley	Apple	Northern provinces	112,241
400. <i>Petrobia latens</i> (Mull.)	Wheat , barley , sugar-cane , corn, lucerne and other pasture plants and also morning glory, acroptilon, alhagi, fumitory, horay cress	Esfahan , Tehran , Chahar Mahal , Khuzestan, Hamadan	451,615,616,725,772
401. <i>P. tunisiae</i> Mans	Wheat, barley	Khuzestan	417,725
402. <i>Phyllotetranychus aegyptiacus</i> S.	Date-palm	Boushehr, Fars	128,451,772
403. <i>Pseudobryobia</i> sp.	Tamarisk	Esfahan	129
404. <i>Schizotetranychus garmani</i> (P. - B.)	Willow	Fars	129,451,772
405. <i>Sch.</i> sp. nr. <i>smirnovi</i> Wains.	Apple, pear	Khorasan	724
406. <i>Synonychus</i> sp.	Astragale	Esfahan	129
407. <i>Tetranychia harti</i> Ew.	Rice, inidan sorrel	Mazandaran	249
408. <i>Tetranychus asia</i>	Camellia	Generally distributed	6
409. <i>T. atlanticus</i> Mcg.	Egg plant, water-melon	Tehran	772
410. <i>T. cinnabarinus</i> Boisd.	Hollyhoch , rhododendron , pear , howthorn and different other fruit trees	Caspian Sea area, Gorgan , Tehran, Khorasan	451,724,769,772
411. <i>T. cucurbitae</i> R. - P.	Rhododendron	Gilan, Tehran	451,772
412. <i>T. kanzawai</i> Kish.	Bean, chrozophora	Mazandaran	258
413. <i>T. lambi</i> P. - B.	Clover, peach	Mazandaran	451,772

Scientific name	Host	Distribution	Reference no.
414. <i>Tetranychus</i> (= <i>Eutetranychus</i> ) <i>orientalis</i> (R. - P.) Syn.: <i>Anychus latus</i> Say.	Lime tree, sour-orange, limon, orange, grape fruit, mandarin, peach, castor-bean, almond, jujube, cotton, morus, bean, common lilac, christ's thorn and also on oleander and melon tree	Tehran, Khuzestan, Kerman, Fars, Balouchestan, Hormozgan and central provinces and other southern citrus planting areas	6,69,72,128,129, 238,251,252,267, 335,417,451,560, 772
415. <i>T. telarius</i> (L.) Syn.: <i>Tetranychus urticae</i> Koch, <i>T. bimaculatus</i> Harv.	Citrus, cotton, tobacco, tomato, Kanaf, sugar-beet, melon, bean, castor-bean, cucumber, sesame, rose of sharon, elm, maple, horse chestnut, alder, catalpa, horn beam, rochspray, ash, walnut, jasminum, laurel tree, white mulberry, teil	Generally distributed	6,123, 194, 195, 252
416. <i>T. turkestan</i> (U. - N.)	Water-melon, egg plant, soybean, sugar-beet, castor bean, mung bean, corn, safflower, cucumber, lucerne, potato, tomato, soybean, okra, radish, lettuce, screw bean, mudar, tamarisk, fig, mulberry, apple, quince, olive, apricot, grapevine, peach, walnut, pin	Esfahan, Khorasan, Chahar Mahal, Kerman, Khuzestan, Tehran, Hamadan	165,176,266,270, 451,455,461,482, 612,616,724,725, 807,889
417. <i>T. urticae</i> Koch. Syn.: <i>Tetranychus tetarius</i> L., <i>T. bimaculatus</i> Harv.	Cotton, apple, pear, pomegranate, peach, fig, cherry, garden plum, walnut, pistachio, egg plant, white mulberry, sunflower, squash, sugar-beet, cucumber, camellia, jasminum, roses, bastard senna, iron tree, carnation, virginia creeper, chinese howthorn, false acacia, oriental plane, castor-bean, poplar, rockspray, ash, horse chestnut, alder, mudar, laurel tree, catalpa, horn beam, lucerne, sainfoin, soybean, bean, citrus, alhagi, acroptilon, liquorice, kiwi, pagoda tree, maple, melon, water-melon and different weeds and many other field crops and fruit trees	Generally distributed	6,69,70,127,129, 160,176,196,240, 241,252,258,277, 337,369,451,455, 456,461,602,638, 724,754,769,788, 889
418. <i>T.</i> (= <i>Epitetranichus</i> ) <i>viennensis</i> (Zach.) Syn.: <i>Tetranychus crataegi</i> Hir., <i>Apotetranychus longipenis</i> U. - N.	Apple, pear, quince, peach, garden plum, cherry, sour-cherry	West Azarbaijan, Esfahan, Fars, Tehran, Mazandaran	128,258,451,772, 777,889

## FAMILY TUCKERELLIDAE

Scientific name	Host	Distribution	Reference no.
419. <i>Tuckerella</i> sp. nr. <i>knorri</i> B. - T.	Cupressus	Khuzestan	417

## FAMILY TYDEIDAE

Scientific name	Host	Distribution	Reference no.
420. <i>Lorryia bedfordensis</i> (Banks.)	—	Mazandaran	260
421. <i>L. formosa</i> (Coor.)	—	"	260
422. <i>L. woolleyi</i> Bak.	Pear	Khorasan	724

Scientific name	Host	Distribution	Reference no.
423. <i>Meopronematus sepagosariani</i> Kazm.	Pear, apple, quince	Khorasan	724
424. <i>Pausia magdalenae</i> (B. - D.)	—	Mazandaran	260
425. <i>Pronematus sextoni</i> Bak.	—	"	260
426. <i>P. ubiquitous</i> (Mc G.)	Sugar-cane , sorghum, grapevine, pomegranate, date-palm, mulberry	Esfahan, Markazi, Khuzestan	450,725
427. <i>Triophtydeus immanis</i> Kuzn.	Pear	Mazandaran, Khorasan	260,724
428. <i>T. californicus</i> (Banks.)	Walnut, apple, pear, apricot, peach, garden plum, almond , grapevine, sainfoin	East Azarbaijan, Caspian Sea area, Hamadan	6,129, 162, 165, 260,455
429. <i>T. electus</i> Kuzn.	Apple, pear	Khorasan	724
430. <i>T. gloveri</i> (Ashm.)	—	Northern provinces	452
431. <i>T. kochi</i> Oud.	Apricot, apple, cereals	East Azarbaijan, Chahar Mahal	162,616
432. <i>Tydeus</i> sp. nr. <i>anconai</i> Bak.	Sesame, grapevine, roses	East Azarbaijan	162
433. <i>T.</i> sp. nr. <i>mississippiensis</i> Bak.	Pear, peach, pistachio, walnut, apricot, plum, sour-cherry	East Azarbaijan	162
434. <i>T.</i> sp. nr. <i>obstinatus</i> (Livsh.)	—	Mazandaran	260
435. <i>T. stari</i> Bak.	Cereals	Chahar Mahal	616

## ORDER ASTIGMATA

## FAMILY EPIDERMOPTIDAE

Scientific name	Host	Distribution	Reference no.
436. <i>Megninia cubitalis</i> (Megn.)	Parasite of birds	In Iran	71

## FAMILY HEMISARCOPIDAE

Scientific name	Host	Distribution	Reference no.
437. <i>Hemisarcopetes malus</i> Shim.	Predator of <i>Lepidosaphes malicola</i>	Tehran, Markazi, Fars	665

## FAMILY HISTIOSTOMATIDAE (= Anoetidae)

Scientific name	Host	Distribution	Reference no.
438. <i>Histiostoma feroniarum</i> (Duf.)	Storage products such as potato, onion, wheat, barley, rice, flour and feed of poultry	Fars	632

## FAMILY PSOROPTIDAE

Scientific name	Host	Distribution	Reference no.
439. <i>Otodectes cynotis</i> (Her.)	Parasite of cat and dog	In Iran	71
440. <i>Psoroptes communis</i> var. <i>bovis</i> (Ger.)	Parasite of cattle	" "	71

Scientific name	Host	Distribution	Reference no.
441. <i>Psoroptes communis</i> var. <i>cuniculi</i> (Delaf.)	Parasite of rabbit	In Iran	681
442. <i>P. communis</i> var. <i>equi</i> (Her.)	Parasite of horse, mule and ass	" "	71
443. <i>P. ovis</i> (Her.)	Parasite of sheep and goat	" "	71

## FAMILY SARCOPTIDAE

Scientific name	Host	Distribution	Reference no.
444. <i>Cnemidocoptes mutans</i> (Rob. - Lanq.)	Parasite of birds	In Iran	71,681
445. <i>C. pilae</i> Lav. - Griff.	Parasite of parrot	" "	681
446. <i>Notoedres cati</i> (Her.)	Parasite of dog and cat	" "	71,681
447. <i>Sarcoptes scabiei</i> var. <i>bovis</i>	Parasite of cattle	" "	71
448. <i>S. scabiei</i> var. <i>canis</i> (L.)	Parasite of dog and cat	" "	71
449. <i>S. scabiei</i> var. <i>caprae</i> (L.)	Parasite of sheep and goat	" "	71,681
450. <i>S. scabiei</i> var. <i>equi</i> (L.)	Parasite of horse, mule and ass	" "	71
451. <i>S. scabiei</i> var. <i>ovis</i> L.	Parasite of sheep and goat	" "	71,681
452. <i>S. scabiei</i> var. <i>suis</i> (L.)	Parasite of swine	" "	71,681

## ORDER MESOSTIGMATA (= Gamasida)

## FAMILY DERMANYSSIDAE

Scientific name	Host	Distribution	Reference no.
453. <i>Dermanyssus gallinae</i> (De G.)	Parasite of hen and pigeon	In Iran	681
454. <i>Ornithonyssus</i> (= <i>Bdelonyssus</i> ) <i>bacoti</i> (Hirs.)	Parasite of different rats	" "	681

## FAMILY LAELAPTIDAE

Scientific name	Host	Distribution	Reference no.
455. <i>Hypoaspis krameri</i> (Can.)	Date-palm	Khuzestan	551
456. <i>H.</i> sp.	Date-palm and also predator of <i>Polyphylla olivieri</i>	"	323,551
457. <i>Eulaelaps stabularis</i> Koch.	Predator and collected on storage products	Gilan	786

## FAMILY PARASITIDAE

Scientific name	Host	Distribution	Reference no.
458. <i>Parasitus americanus</i> (Berl.)	Lucerne	Esfahan	347
459. <i>P. hyalinus</i> (Will.)	"	"	347

## FAMILY PHYTOSEIIDAE

Scientific name	Host	Distribution	Reference no.
460. <i>Amblydromella dalfardica</i> n. sp.	Predator of <i>Eutetranychus hirsti</i> and collected on orange and fig	Kerman, Fars, Theran	164,751
461. <i>A. iranensis</i> Den. - Dan.	Predator and collected on cherry, citrus and apple	Azarbaijan, Tehran, Markazi, Esfahan, Kermanshah	164,889
462. <i>A. (= Typhlodromus) kerkirac</i> (Sw. - Rag.)	Predator and collected on fig	Mazandaran	164
463. <i>A. kettanehi</i> (Dos.)	Predator of <i>Apis mellifera</i> and <i>Eutetranychus hirsti</i> and collected on fig, apple, quince, cherry, apricot, plum, peach, walnut, grapevine, pistachio, mulberry, pomegranate, cedrat tree, wild hollyhock and ca- talpa	Fars, Tehran, Kerman, Khuzestan, Esfahan, Kohkilouye, Kermanshah, Lorestan, East Azarbaijan	166,417,583,751, 889
464. <i>A. neyshabouris</i> Den.-Danesh.	Apple, pear, quince	Khorasan	724
465. <i>Amblyseius bakeri</i> (Hugh.)	Predator of <i>Apis mellifera</i>	East Azarbaijan	583
466. <i>A. benjamini</i> Schi.	Predator of <i>Oligotetranychus sac- chari</i> and collected on sorghum and sugar-cane	Khuzestan	725,726
467. <i>A. bicautus</i> Wains.	Predator and collected on cereals	Chahar Mahal	616
468. <i>A. harrowi</i> Coll.	Predator and collected on cereals	Chahar Mahal	616
469. <i>A. herbicolus</i> Chant	Predator of other mites and colle- cted on citrus	Caspian Sea area	73,165,260,889
470. <i>A. (= Typhlodromus) largoensis</i> Muma	Predator and collected on orange, iron tree and date - palm	Mazandaran	73,163
471. <i>A. luppovae</i> Wain.	Predator and collected on apple	Kermanshah	163
472. <i>A. marginatus</i> Wains.	Predator of <i>Apis mellifera</i> and collected on cereals	Chahar Mahal, Mazandaran	616
473. <i>A. mcmurtryi</i> Muma	Predator and collected on americ- an poke - weed	Gilan	163
474. <i>A. meassor</i> Wains.	Predator and collected on cereals	Chahar Mahal	616
475. <i>A. shambati</i> Elb.	Predator and collected on sugar- cane	Khuzestan	725
476. <i>A. similis</i> (Koch.)	Predator and collected on iron tr- ee and horn beam	Northern provinces	163
477. <i>A. sp. nr. cucumeris</i> Oud.	Predator and collected on rice	Mazandaran, Lorestan	451,772
478. <i>A. zwoelferi</i> Dos.	Predator and collected on cereals and apple	Chahar Mahal, West Azarbaijan	163,616
479. <i>Anthoseius (= Typhlodromus)</i> <i>kazachstanicus</i> (Wain.)	Predator and collected on apple	Tehran, West Azarbaijan	162,163
480. <i>Bawus (= Paraseiulus) sub- soleiger</i> (Wain.)	Predator and collected on cherry and quince	East and West Azarbaijan, Tehran	162,163,453
481. <i>Eharius (= Amblyseius) cher- gui</i> (Ath. - Hen.)	Predator and collected on chrozo- phora	Kerman	164

Scientific name	Host	Distribution	Reference no.
482. <i>Euseius delhiensis</i> N.-K.	Predator of <i>Tetranychus turkestanii</i>	Khuzestan	806
483. <i>E. (= Amblyseius) finkandicus</i> (Oud.)	Predator of <i>Tetranychus viennensis</i> and Eriophyidae family species and collected on apple, peach, cherry, apricot, garden plum and walnut	East and West Azarbaijan, Gorgan, Kermanshah	73,162,163
484. <i>E. (= Amblyseius) libanesi</i> Dosse	Predator of <i>Trialeurodes ricini</i> , <i>Eutetranychus orientalis</i> , <i>Oligotetranychus sacchari</i> and collected on bramble berry, christ's thorn, fig, date-palm, rose of sharon, sugarcane, orange, okra, lemon, apricot, pomegranate, grapevine, white mulberry, castor-bean, bell-pepper and hypomea	Kermanshah, Khuzestan, Fars, Kerman	163,166,417,725,726,889
485. <i>Kampimodromus (= Amblyseius) aberrans</i> (Oud.)	Predator and collected on quince and walnut	Khorasan, West Azarbaijan, Kermanshah	162,163,452,724
486. <i>Neoseiulus kermanicus</i> n. sp.	Predator and collected on verbascum and okra	Kerman, Khuzestan	164
487. <i>N. oryzaculus</i> n. sp.	Predator and collected on rice	Gilan, Mazandaran	164
488. <i>N. sp. nr. swarti</i> Zack	Predator of <i>Apis mellifera</i>	Lorestan	583
489. <i>N. (= Typhlodromus) umbraticus</i> (Chant)	Predator and collected on brake fern, fig and bramble berry	Gilan	164
490. <i>N. (= Typhlodromus) zwoelferi</i> (Dosse)	Predator and collected on cherry and apple	West Azarbaijan, Esfahan, Fars	163,164
491. <i>Paraseiulus erevanicus</i> Wain.	Predator and collected on chestnut and oak	East Azarbaijan	162,453
492. <i>P. incognitus</i> Wain. - Arut.	Predator and collected on walnut, fig, garden plum and alder	Gilan, Mazandaran	164
493. <i>P. jirofticus</i>	Predator and collected on orange	Kerman	164
494. <i>P. kuzini</i> Wain.	Predator and collected on walnut	"	244
495. <i>P. (= Neoseiulus) soleiger</i> (Rib.)	Predator and collected on apple, plum and cherry	Tehran, Kermanshah, Mazandaran	163,260,772
496. <i>Phytoseiulus (= Dubininellus) corniger</i> (Wain.)	Predator of <i>Eutetranychus hirsti</i> and collected on pistachio, quince, apple and fig	Khorasan, Tehran, Kerman, Fars	73,129,163, 164, 252,724,751,772
497. <i>P. finitimus</i> Rib.	Predator and collected on fig, quince, grapevine, apple, bramble berry and violet sage	Gilan, Mazandaran, Tehran, Kermanshah	129,163,252,772
498. <i>P. persimilis</i> Ath. - Hen.	Predator of <i>Tetranychus turkestanii</i> and collected on vetch and egg plant	Kerman	266,334
499. <i>P. plumifer</i> (C. - B.)	Predator of <i>Eutetranychus hirsti</i> and collected on fig	Fars, Tehran	751
500. <i>P. (= Pennaseius) tropicalis</i>	Predator and collected on tobacco, apple, fig, bramble berry, poinsettia and verbascum	Kerman, Khuzestan	164



Scientific name	Host	Distribution	Reference no.
501. <i>Proprioseiopsis</i> (= <i>Amblyseius</i> ) <i>levis</i> (Wain.) Syn.: <i>Typhlodromus okano-</i> <i>gensis</i> Chant.	Predator and collected on cotton	Mazandaran	164
502. <i>Seiulus simplex</i> Chant.	Predator and collected on oak and chestnut	East Azarbaijan	161,162,453
503. <i>Typhlodromips caspiensis</i> Den. - Dan.	Predator of <i>Chrysomphalus dictyospermi</i> and other mites and collected on citrus	Caspian Sea area	165,260,665
504. <i>Typhlodromus athiasae</i> P. - S.	Predator and collected on fig	Kermanshah	163
505. <i>T. bagdasarjani</i> W. - A.	—	East Azarbaijan	162
506. <i>T. intercalaris</i> L. - K.	—	" "	162
507. <i>T. kettanehi</i> Dosse	Predator and collected on quince, apple and citrus	Kermanshah	163
508. <i>T. perbibus</i> Wain. - Arut.	—	Mazandaran	260
509. <i>T.</i> (= <i>Amblyseius</i> ) <i>redemacheri</i> (Dosse)	Predator and collected on mint, alder, squash, tea and false walnut	Gilan, Mazandaran	194
510. <i>T. rhenanus</i> Oud.	Predator and collected on apple	Tehran	163,451,453,769,772
511. <i>T. tiliarum</i> (Oud.)	Predator and collected on siberian elm	Mazandaran	163
512. <i>T. vulgaris</i> (Ehara)	Predator and collected on cotton	Gorgan	451,453,769,772

### FAMILY RHAGIDIIDAE

Scientific name	Host	Distribution	Reference no.
513. <i>Shibania longicornis</i> (Banks)	Sainfoin	Hamadan	455

### FAMILY UROPODIDAE

Scientific name	Host	Distribution	Reference no.
514. <i>Ameroseius plumigerus</i>	—	In Iran	775
515. <i>Androlaelaps casalis</i> Bert.	—	" "	775
516. —	—	—	—
517. —	—	—	—
518. <i>Haemogamasus pontiger</i> Berl.	—	In Iran	775
519. <i>Irichouropoda</i> sp.	Date-palm	Khuzestan	551
520. <i>Leiodinychus krameri</i> Can.	Flour (in granary)	Fars	786
521. <i>Melichares agilis</i> Her.	—	In Iran	775
522. <i>Paragarmania dentritica</i> Berl.	—	" "	775

Scientific name	Host	Distribution	Reference no.
523. <i>Paragarmania mali</i> Oud.	—	In Iran	775
524. —	—	—	—
525. <i>Trichouropoda orbiculatris</i> Koch.	—	In Iran	775
526. <i>Uroobovella marginata</i> Koch.	—	" "	775

### FAMILY VARROIDAE

Scientific name	Host	Distribution	Reference no.
527. <i>Eugarroa sinhai</i> D. - B.	Parasite of <i>Apis florea</i>	Fars, Khuzestan and other southern provinces	33,38,581,586
528. <i>Varroa jacobsoni</i> Oud.	—	Northern, north - western and central provinces	38

## ORDER METASTIGMATA

### FAMILY ARGASIDAE

Scientific name	Host	Distribution	Reference no.
529. <i>Argas hermanni</i> (Aud.)	Parasite of birds	In Iran	71,517
530. <i>A. persicus</i> (Oken.)	Parasite of fowels, turkey and some other birds and also human and other animals	Generally distributed except Caspian Sea area	71,493,517,819
531. <i>A. reflexus</i> (F.)	Parasite of pigeon, hen and sometimes human	Generally distributed	71,493,517,681
532. <i>A. vespertilionis</i> (Latr.)	Parasite of bat	In Iran	285,517
533. <i>Ornithodoros canestrinii</i> (Bir.)	Parasite of sheep, goat, cattle and human	Azarbajjan, Yazd, Esfahan, Tehran, Markazi, Khuzestan, Kordestan, Kermanshah	71,451,493,517,681
534. <i>O. erraticus</i>	Parasite of tortoise and frog	East Azarbajjan, Esfahan, Boushehr, Tehran	517
535. <i>O. lahurensis</i> (Neum.)	Parasite of sheep, goat, cattle, camel and human	Generally distributed except Khuzestan and Balouchestan	71,493,517,681,819
536. <i>O. papillipes</i>	—	In Iran	285
537. <i>O. tartacovsky</i>	Parasite of lizard and tortoise	Khorasan	517,681
538. <i>O. tholozani</i> (Lab. - Meg.)	Parasite of human, sheep, goat and birds	Generally distributed except Caspian Sea area and Khuzestan	517,681,819

### FAMILY IXODIDAE

Scientific name	Host	Distribution	Reference no.
539. <i>Boophilus annulatus</i> Say.	Parasite of cattle, horse, mule, ass and sheep	Caspian Sea area and most other areas	71,517
540. <i>B. intraocularis</i>	Parasite of mammals	Gilan	517
541. <i>B. microplus</i> Can.	Parasite of cattle	Tehran	71,517,681

Scientific name	Host	Distribution	Reference no.
542. <i>Dermacentor daghestanicus</i> Olen.	Parasite of sheep, goat and cattle	Azərbayjan, Markazi, Khorasan, Mazandaran	71,517,681
543. <i>D. marginatus</i> Sulz. Syn.: <i>Dermacentor reticulatus</i> F.	Parasite of sheep, goat, cattle, <i>Pipistrellus pipistrellus</i> , <i>Mus musculus</i> , <i>Apodemus sylvaticus</i> , <i>Meriones</i> spp., <i>Calomyscus baiwardi</i> , <i>Cricetulus migratorius</i> , <i>Microtus socialis</i> and <i>Dryomus nitedula</i>	Caspian Sea area, Azərbaycan	71,285,517,618
544. <i>D. niveus</i> Neum.	Parasite of camel, sheep, goat, gazelle, pig, wolf, porcupin, rabbit, <i>Microtus persicus</i> and <i>Allactaga williamsi</i>	East Azərbaycan	285,383,517
545. <i>D. raskemensis</i> Pom.	Parasite of sheep, wild goat, human and fox	Azərbayjan, Mazandaran, Lorestan	383,517
546. <i>Haemaphysalis caucasia</i> Ol.	Parasite of <i>Meriones persicus</i>	Khorasan and other northern provinces	285,517
547. <i>H. cholodkovskyi</i>	Parasite of many domestic ruminant animals	Generally distributed	517
548. <i>H. cinabarina punctata</i> Can. - Fanz.	Parasite of cattle, sheep and goat	Azərbayjan, Gilan, Mazandaran, Khorasan	517
549. <i>H. concinna</i> Koch.	Parasite of cattle, <i>Mus musculus</i> , <i>Gerbillus</i> spp., <i>Rattus rattus turkestanicus</i> and <i>Meriones persicus</i>	Gilan, Mazandaran, Khorasan, Fars	71,285,517,681
550. <i>H. inermis</i> Bir.	Parasite of sheep, goat, cattle and <i>Cricetulus migratorius</i>	Gilan, Mazandaran, Gorgan	71,285,517,681
551. <i>H. kashmirensis</i> Hoog. - Fanz.	Parasite of sheep, goat and lizard	South-western provinces	383,517
552. <i>H. kopetdaghica</i> Kerb.	Parasite of wild goat	Caspian Sea area	383,517
553. <i>H. numidiana</i> Neum. Syn.: <i>Haemaphysalis erinacei</i>	Parasite of some mammals insectivore, <i>Nyctalus noctula</i> , <i>Meriones</i> spp., <i>Calomyscus baiwardi</i> , <i>Rhombomys opimus</i> , <i>Otonycteris hemiptrichi</i> and <i>Cricetulus migratorius</i>	East Azərbaycan, Boushehr, Khuzestan, Khorasan, Fars, Gilan and Zagros mountains	285,517
554. <i>H. otophila</i> Sch.	Parasite of cattle	In Iran	71,285
555. <i>H. parva</i> Neum. Syn.: <i>Haemaphysalis otophila</i> Sch.	Parasite of sheep, goat, cattle, <i>Microtus socialis</i> and some birds	Azərbayjan, Khorasan, Kordestan	71,285,383,517,681
556. <i>H. punctata</i> Can. - Fanz.	Parasite of sheep, goat, cattle, horse, birds, rabbit and <i>Rhombomys opimus</i>	Azərbayjan, Khorasan, Gilan, Mazandaran, Gorgan	71,285,383,517
557. <i>H. sulcata</i> Can. - Fanz.	Parasite of sheep, goat and sometimes cattle and also <i>Otonycteris hemiptrichi</i> , <i>Meriones persicus</i> , <i>Calomyscus baiwardi</i> , <i>Apodemus sylvaticus</i> , <i>Rhombomys opimus</i> and <i>Cricetulus migratorius</i>	Most areas of country except Kermanshah, Khuzestan, Balouchestan and Khorasan	71,285,383,681
558. <i>Hyalomma aegyptium</i> L.	Parasite of snake and tortoise	Kermanshah, Kordestan, Khorasan and other northern provinces	517,681
559. <i>H. anatolicum anatolicum</i> Koch	Parasite of sheep, goat, cattle, camel, horse and ass	Generally distributed	71,339,517,681

Scientific name	Host	Distribution	Reference no.
560. <i>Hyalomma anatolicum excavatum</i> Koch.	Parasite of wild sheep and goat	In Iran	383
561. <i>H. asiaticum</i>	Parasite of sheep, goat, horse, mule and ass	" "	71,339
562. <i>H. asiaticum asiaticum</i>	Parasite of sheep, goat, cattle, horse, camel, dog, cat, porcupine, rabbit and sometimes human	Generally distributed except Caspian Sea area	517,681
563. <i>H. asiaticum caucasicum</i> Pom. - Matik.	Parasite of sheep, goat, camel, pig, porcupine and rabbit	In Iran	383,517,681
564. <i>H. detritum</i> Schulz.	Parasite of cattle, sheep, goat, ass, camel, horse and mule	Caspian Sea area and most other regions	71,339,681
565. <i>H. dromedarii</i> Koch.	Parasite of cattle, horse, sheep, ass, mule, camel and goat	Generally distributed	71,339,517,681
566. <i>H. impeltatum</i> Schulz. - Schlot.	Parasite of sheep, goat, cattle, ass, horse, mule and camel	Kerman, Balouchestan	71,339,517,681
567. <i>H. kumari</i> Shar.	Parasite of sheep and goat	West Azarbaijan	383,517
568. <i>H. marginatum marginatum</i> Koch. Syn.: <i>Hyalomma savignyi</i>	Parasite of sheep, goat, cattle, camel, horse, porcupine, rabbit and many of birds	Caspian Sea area	71,383,517,681
569. <i>H. marginatum turanicum</i> Pom. Syn.: <i>Hyalomma rufipes</i> Glabrum	Parasite of sheep, goat, horse, mule, ass, cattle and camel	Generally distributed	71,383,517,681
570. <i>H. savignyi</i>	Parasite of cattle	In Iran	71
571. <i>H. schulzei</i> Olen.	Parasite of camel and some other domestic animals and sometimes cattle	South - eastern provinces	339,517,681
572. <i>Ixodes crenulatus</i>	Parasite of porcupine	Mazandaran	517
573. <i>I. oculatus</i> Pom.	Parasite of <i>Gerbillus persicus</i> and <i>Meriones persicus</i>	Zagros mountains	285,517
574. <i>I. redikorzevi</i> Ol.	Parasite of <i>Gerbillus persicus</i> and <i>Cricetulus migratorius</i>	West Azarbaijan, Khorasan, Mazandaran and Zagros mountains	238,517
575. <i>I. ricinus</i> (L.)	Parasite of sheep, goat, cattle, dog, gazelle, <i>Mus musculus</i> , <i>Rattus rattus</i> , <i>Apodemus sibiricus</i> , <i>Meriones persicus</i> and <i>Crocidura russica</i>	Caspian Sea area, Gorgan, Tehran and north - western provinces	71,285,339,383,517,681
576. <i>I. vespertilionis</i> (Latr.)	Parasite of bat, <i>Pipistrellus pipistrellus</i> , <i>Apodemus sibiricus</i> , <i>Meriones persicus</i> and <i>Cricetulus migratorius</i>	In Iran	517,681
577. <i>Rhipicephalus bursa</i> Can.-Fanz.	Parasite of sheep, goat, cattle, rabbit, horse and human	Azarbaijan, Kermanshah, Lorestan, Kordestan, Khorasan, Tebran, Caspian Sea area and southern and south-eastern provinces	71,339,383,517,681
578. <i>R. rossicus</i> Jak.	Parasite of <i>Mus musculus</i> , <i>Tatera indica</i> , <i>Meriones libycus</i> and <i>Cricetulus migratorius</i>	Khorasan	285,517

Scientific name	Host	Distribution	Reference no.
579. <i>Rhipicephalus sanguineus</i> Latr.	Parasite of sheep, goat, cattle, horse, mule, ass, dog, cat, jackal, porcupine, fox, wild rabbit, <i>Gerbilhus</i> spp., <i>Meriones persicus</i> and <i>Nesokia indica</i>	Fars, Khuzestan	71,285,517
580. <i>R. schubzei</i> Ol.	Parasite of <i>Mus musculus</i> and <i>Tatera indica</i>	Khorasan, Balouchestan	285
581. <i>R. turanicus</i> Pom.	Parasite of rabbit, many wild carnivorous animals, <i>Apodemus sibiricus</i> , <i>Meriones persicus</i> and <i>Rhombomys opimus</i>	Generally distributed	285,383,517

## ORDER PROSTIGMATA

## FAMILY ANISITSIELLIDAE (= Nilotonidae)

Scientific name	Host	Distribution	Reference no.
582. <i>Nilotonia schwoerbeli</i> B.-Sepas.	—	In Iran	774

## FAMILY ARRENURIDAE

Scientific name	Host	Distribution	Reference no.
583. <i>Arrenurus affinis</i> Koen.	—	East Azarbaijan	771,774
584. <i>A. bicuspidator</i> Berl.	—	" "	771
585. <i>A. cerenatus</i> Koen.	—	" "	771,774
586. <i>A. compactus</i> Piers.	—	" "	771,774
587. <i>A.</i> (= <i>Micruracarus</i> ) <i>octagonus</i> (Halb.)	—	In Iran	774
588. <i>A. radiatus</i> Piers.	—	East Azarbaijan	771,774

## FAMILY ATRACTEIDAE

Scientific name	Host	Distribution	Reference no.
589. <i>Atractides</i> (= <i>Iranomegapus</i> ) <i>baderi</i> Sch.-Sepas.	—	Esfahan, Tehran	771,774
590. <i>A. nahavandii</i> Sch.-Sepas.	—	Khorasan	771,774

## FAMILY ATURIDAE

Scientific name	Host	Distribution	Reference no.
591. <i>Aturus</i> sp.	—	Khorasan	771
592. <i>Kongsbergia</i> sp.	—	Gilan	771

## FAMILY AXONOPSIDAE

Scientific name	Host	Distribution	Reference no.
593. <i>Albaxona</i> sp.	—	Fars	774

Scientific name	Host	Distribution	Reference no.
594. <i>Albia</i> sp.	—	Esfahan	774
595. <i>Axonopsis</i> (= <i>Navinaxonopsis</i> ) <i>abnormipes</i> Cook.	—	In Iran	774
596. <i>A. inferorum</i> M. - T.	—	" "	774
597. <i>Brachypoda</i> sp.	—	Mazandaran	774
598. <i>Erebaxonopsis brevipes</i> M. - T.	—	In Iran	774
599. <i>Forellia</i> sp.	—	Lorestan, Kermanshah	774
600. <i>Ljanina</i> sp.	—	Gilan	774

## FAMILY CALGONELLIDAE

Scientific name	Host	Distribution	Reference no.
601. <i>Molothrognathus fulgidus</i> S.- S.	On Leguminosae family plants	Hamadan	455
602. <i>M. minutus</i> Sol.	" " " "	"	455

## FAMILY CHEYLETIDAE

Scientific name	Host	Distribution	Reference no.
603. <i>Acaropsellina docta</i> Berl.	Storage grains	Khuzestan	417,775
604. <i>Cheletogenes ornatus</i> (Can. - Fanz.)	Predator of Diaspididae family species	Mazandaran, Kerman	260,872
605. <i>Cheletomimus binus</i> Tseng	—	Mazandaran	260
606. <i>Chelotomorpha lepidoptorum</i> Shaw.	—	In Iran	775
607. <i>Cheyletiella parasitovorax</i> (Meg.)	Parasite of cat	" "	681
608. <i>C. yasguri</i>	Parasite of cat and dog	" "	71,681
609. <i>Cheyletogenes ornatus</i> C. - F.	Fig	Mazandaran	128,451,772
610. <i>Cheyletus eruditus</i> Schr.	Different storage products and also predator of mites of Gramineae family plants	Gilan	772,775
611. <i>C. malaccensis</i> Oud.	Storage grains	Khuzestan	417,775
612. <i>C. munroi</i> Hug.	Predator and collected on storage products	Khuzestan, Fars	786
613. <i>C. trouessarti</i> Oud.	—	In Iran	775
614. <i>Hemicheyletia congensis</i> (C.)	On Leguminosae family plants	Hamadan	455
615. <i>H.</i> sp. nr. <i>bakeri</i>	Date-palm	Khuzestan	551
616. <i>Nodele</i> sp.	Different storage products	Tehran	451,772
617. <i>Paracheyletia pyriformis</i> (Banks.)	—	Mazandaran	260

Scientific name	Host	Distribution	Reference no.
618. <i>Psorergates simplex</i> (Tyr.)	Parasite of <i>Mus musculus</i>	In Iran	681

#### FAMILY DEMODICIDAE

Scientific name	Host	Distribution	Reference no.
619. <i>Demodex canis</i> (Ley.)	Parasite of dog and cat	In Iran	71
620. <i>D. ovis</i> Raill.	Parasite of sheep and goat	" "	71
621. <i>D. phylloides</i> Csok.	Parasite of swine	" "	71

#### FAMILY EYLAIIDAE

Scientific name	Host	Distribution	Reference no.
622. <i>Aylais</i> sp.	—	West Azarbaijan, Gilan, Fars, Tehran	771,774

#### FAMILY FELTRIIDAE

Scientific name	Host	Distribution	Reference no.
623. <i>Feltria sepaosariani</i> Bad.	—	Mazandaran, Tehran	771,774

#### FAMILY HUNGAROHYDRACARIDAE

Scientific name	Host	Distribution	Reference no.
624. <i>Hungarohydracarus subterraneus</i> Szal.	—	In Iran	774

#### FAMILY HYDRACHNIDAE

Scientific name	Host	Distribution	Reference no.
625. <i>Hydrachna</i> sp.	—	Gilan	774

#### FAMILY HYDRODROMIDAE

Scientific name	Host	Distribution	Reference no.
626. <i>Hydrodroma despiciens</i> Mull.	—	Gilan	771
627. <i>H. despiciens despiciens</i> Mull.	—	"	774,776
628. <i>H. rheophila</i> Cook.	—	Fars	774
629. <i>H. torrenticola</i> Walt.	—	Fars, Gilan	774

#### FAMILY HYDROVOLZIIDAE

Scientific name	Host	Distribution	Reference no.
630. <i>Bharatavolzia cooki</i> Sch.- Sep.	—	In Iran	774
631. <i>Hydrovolzia persica</i> Bad.- Sep.	—	" "	774

**FAMILY HYDRYPHANTIDAE**

Scientific name	Host	Distribution	Reference no.
632. <i>Georgella</i> sp.	—	Gilan	774
633. <i>Hydrophantes</i> sp.	—	"	774

**FAMILY HYGROBATIDAE**

Scientific name	Host	Distribution	Reference no.
634. <i>Hygrobates calliger</i> Piers.	—	Esfahan, Markazi	771
635. <i>H. (= Dekabates) quanaticola</i> Sch. - Sepas.	—	West Azarbaijan	771,774

**FAMILY KRENDOWSKIIDAE**

Scientific name	Host	Distribution	Reference no.
636. <i>Krendowskia</i> sp.	—	Kohkilouye, Fars	774

**FAMILY LEBERTIIDAE**

Scientific name	Host	Distribution	Reference no.
637. <i>Lebertia</i> sp.	—	Tehran , Chahar Mahal , Lorestan , Esfahan, Gilan, Fars, Khorasan, Ham- adan, Kermansbah	771,774

**FAMILY LIMNESIIDAE**

Scientific name	Host	Distribution	Reference no.
638. <i>Limnesia</i> sp.	—	East Azarbaijan, Tehran	771

**FAMILY MIDEOPSIDAE**

Scientific name	Host	Distribution	Reference no.
639. <i>Mideopsis orbicularis</i> (Mull.)	—	In Iran	774

**FAMILY PENTHALEIDAE**

Scientific name	Host	Distribution	Reference no.
640. <i>Penthaleus major</i> (Dug.)	On wheat, barley and acroptilon	Hamadan, Khuzestan, Chahar Mahal	455,616,725

**FAMILY PIONIDAE**

Scientific name	Host	Distribution	Reference no.
641. <i>Piona</i> sp.	—	Kermanshah	774

**FAMILY PROTZIIDAE**

Scientific name	Host	Distribution	Reference no.
642. <i>Calonyx</i> sp.	—	Gilan, Tehran	774



Scientific name	Host	Distribution	Reference no.
643. <i>Protzia</i> sp.	—	Gilan, Tehran, Fars	771,774

#### FAMILY RAPHIGNATIDAE

Scientific name	Host	Distribution	Reference no.
644. <i>Raphignathus hexeri</i> Chaud.	On Leguminosae family plants	Hamadan	455

#### FAMILY SCUTACARIDAE

Scientific name	Host	Distribution	Reference no.
645. <i>Imparapis parapicosimilis</i> M.	On Leguminosae family plants	Hamadan	455
646. <i>Scutacarus</i> sp.	Lucerne	Esfahan	347

#### FAMILY SPERCHONIDAE

Scientific name	Host	Distribution	Reference no.
647. <i>Sperchon</i> (= <i>Mixosperchon</i> ) <i>afzalipouri</i> Bad. - Sepas.	—	Mazandaran	100,774
648. <i>S.</i> (= <i>Hispidosperchon</i> ) <i>hispidus</i> (Koen.)	—	In Iran	774
649. <i>S. pahlavii</i> Bad. - Sepas.	—	Mazandaran	771
650. <i>Sperchonopsis</i> sp.	—	Gilan, Tehran	771

#### FAMILY THYASIDAE

Scientific name	Host	Distribution	Reference no.
651. <i>Panisopsis circularis</i> Sch. - Sepas.	—	Esfahan	771
652. <i>Trichothypas elburzensis</i> Bad. - Sepas.	—	In Iran	774
653. <i>Thyas</i> sp.	—	Mazandaran	774

#### FAMILY TORRENTICOLIDAE

Scientific name	Host	Distribution	Reference no.
654. <i>Torrenticola</i> sp.	—	Esfahan, Fars, Kohkilouye , Tehran, Gilan	771,774

#### FAMILY TROMBIDIIDAE

Scientific name	Host	Distribution	Reference no.
655. <i>Allothrombium pulvinum</i> Ew.	Predator of aphids and spider mites and collected on mulberry , alder, nettle tree, citrus, box-wood, walnut, cypress tree, fig and kiwi	Mazandaran, Gilan , Khorasan , East and West Azarbaijan, Ardabil	721
656. <i>A.</i> sp.	On lucerne	Esfahan	347

Scientific name	Host	Distribution	Reference no.
657. <i>Allothrombium triticum</i> Zhang.	Cereals	Chahar Mahal	616
658. <i>Monothrobium simplicium</i> Zhang.	Cereals	Chahar Mahal	616

**FAMILY UNIONICOLIDAE**

Scientific name	Host	Distribution	Reference no.
659. <i>Neumania</i> sp.	—	Kohkilouye, Gilan	774
660. <i>Unicola</i> (= <i>Unionicola</i> ) sp.	—	Gilan	771,774

**CLASS CRUSTACEA**  
**ORDER ISOPODA**  
**FAMILY ONISSIDAE**

Scientific name	Host	Distribution	Reference no.
661. <i>Porcellio ornatus</i> M. - Edw.	Cotton, sugar-beet	Khorasan and other northern provinces	252,461,754

**CLASS MYRIAPODA**  
**ORDER CHILOGNATHA**  
**FAMILY GLOMERIDAE**

Scientific name	Host	Distribution	Reference no.
662. <i>Glomeris</i> sp.	—	In Iran	69

**CLASS INSECTA(= Hexapoda)**  
**ORDER COLLEMBOLA**  
**FAMILY SMINTHURIDAE**

Scientific name	Host	Distribution	Reference no.
663. <i>Sminthurus viridis</i> L.	Lucerne, clover, wheat, colza	Khuzestan	252,286,778

**ORDER THYSANURA**  
**FAMILY LEPISMATIDAE**

Scientific name	Host	Distribution	Reference no.
664. <i>Lepisma saccharina</i> L.	Sugar, bread, groat, cover of book, rayon fabric, starched cloths and many other foods and organic materials	Generally distributed	50,252,468,775,778,786
665. <i>Thermobia domestica</i> (Pack.)	Animal and plant materials	Khuzestan, Fars and most of other regions	786

**ORDER ORTHOPTERA**  
**FAMILY ACRIDIDAE (= Locustidae)**

Scientific name	Host	Distribution	Reference no.
666. <i>Acorypha</i> (= <i>Caloptenopsis</i> ) <i>insignis</i> Walk.	—	Hormozgan, Fars	525
667. <i>Acrida exaltata</i> Walk.	—	Fars and other southern provinces	342,525
668. <i>A. oxycephala</i> Pall. Syn.: <i>Acrida deserti</i> Uv., <i>A. turrata deserti</i> Uv.	Different vegetables and truck crops especially lucerne and clover	Generally distributed	56,70,252, 342, 501,525
669. <i>A. turrata</i> L.	—	Azarbaijan, Tehran, Gorgan	56,501
670. <i>Acridella nasuta</i> L.	—	Khorasan , Kerman , Fars , Tehran , Gorgan	56,245
671. <i>A. robusta</i> Uv.	—	Azarbaijan	56
672. <i>Acrotylus</i> (= <i>Gryllus</i> ) <i>insubricus</i> (Scop.) Syn.: <i>Acrotylus versicolor</i> Burr.	Cotton, sugar-beet and other plants	Generally distributed	56,70,86,88,121, 150,161,240,245, 342,501,525,754
673. <i>A. insubricus inficitus</i> (Walk.)	—	Western and central provinces	88,151,525
674. <i>A. insubricus innotatus</i> Uv.	—	South-western provinces	525
675. <i>A. insubricus insubricus</i> (Scop.)	Cotton and many other plants	Generally distributed	88,252,525
676. <i>A. longipes</i> Charp.	—	Mazandaran	56
677. <i>A. longipes longipes</i> (Charp.)	—	Southern provinces	525
678. <i>A. longipes subfasciatus</i> B. - Bien.	—	South-eastern provinces	525
679. <i>Aiolopus savignyi</i> (Kr.) Syn.: <i>Aiolopus affinis</i> Bol.	Sorghum, millet, lucerne, clover	Tehran, Fars and other southern provinces	86,342,525
680. <i>A. (= Acridium) strepens</i> (Latr.) Syn.: <i>Gryllus prasinus</i> Thunb., <i>Acridium vittatus</i> Brulle	—	Azarbaijan, Mazandaran, Fars, Tehran	56, 69, 86, 150, 245,494,525,754
681. <i>A. tergestinus</i> Charp.	—	Fars	245
682. <i>A. (=Gryllus) thalassinus</i> (F.) Syn.: <i>Acridium grossum</i> Costa, <i>Epacromia lurida</i> Bron.	Cotton, soybean, lucerne , clover and other forage plants	Generally distributed	56,69,70, 86, 87, 121,151,240,245, 342,482,494,501, 525
683. <i>Ananothrotos fieberi</i> (Br. - W.)	—	North- western provinces	525
684. <i>Asivatthamanus iranicus</i> Uv.	—	Kerman, Balouchestan	525
685. <i>Asphingoderus uvarovites similis</i> B. - Bien.	—	Hamadan, Fars	342,525
686. <i>Atractomorpha externa</i> B.-Bien.	Cotton, tobacco	Balouchestan and other eastern and southern provinces	525,754

Scientific name	Host	Distribution	Reference no.
687. <i>Brunnerella miriabilis</i> Sauss.	—	Khorasan, Tehran, Fars	56,70,86,151,342
688. <i>B. miriabilis miriabilis</i> Sauss.	—	Northern provinces	525
689. <i>B. miriabilis siazovi</i> Mor.	—	Khorasan	525
690. <i>Bufoacarodes intricatus</i> Mistsh.	—	East Azarbaijan	525
691. <i>B. robustus</i> Mistsh.	—	Markazi	525
692. <i>Celes variabilis</i> Uv.	—	Khorasan	70,525
693. <i>C. variabilis carbonaria</i> Uv.	—	East Azarbaijan, Mazandaran	56,501
694. <i>Charora crassivenosa</i> Sauss.	—	Tehran (Elburz mountains)	524,525
695. <i>C. persa</i> Uv.	—	Khorasan	70
696. <i>C. persa persa</i> Uv.	—	Tehran (Elburz mountains)	525
697. <i>C. persa rugosa</i> B. - Bien.	—	Markazi	525
698. <i>C. persa similis</i> B. - Bien.	—	Tehran (Elburz mountains)	525
699. <i>C. zarudnyi</i> Uv.	—	Kordestan	525
700. <i>Chorthippus albomarginatus</i> Deg. Syn.: <i>Gryllus elegans</i> Charp., <i>Oedipoda tricarinatus</i> Steph.	—	Azarbaijan, Fars, Khorasan, Gorgan	56,151,342,494, 501
701. <i>C. albomarginatus karelini</i> (Uv.)	Cotton, lucerne, cereals	Northern provinces	56,525
702. <i>C. apricarius asiaticus</i>	—	In Iran	814
703. <i>C. (=Gryllus) bicolor</i> (Charp.)	—	Azarbaijan, Tehran, Mazandaran, Gorgan	56,150,245,501
704. <i>C. brunneus</i> Thunb. Syn.: <i>Gryllus bicolor</i> Charp., <i>Locusta varipes</i> Steph.	—	East Azarbaijan, Fars, Tehran and other northern provinces	121,240,342,494
705. <i>C. brunneus brunneus</i> (Thunb.)	Lucerne, clover and other forage plants	Generally distributed	151,525
706. <i>C. dorsatus dichrous</i> (Ev.)	—	Northern provinces	525
707. <i>C. jucundus elbursianus</i> B. - Bien.	—	Elburz mountains	525
708. <i>C. longicornis</i> Latr.	—	Azarbaijan, Tehran	56
709. <i>C. loratus</i> (F. - W.)	—	Azarbaijan and other northern provinces	501,525
710. <i>C. (=Stauroderus) macrocerus</i> (F. - W.)	Clover	East Azarbaijan, Tehran, Mazandaran, Gorgan, Fars and other central provinces	56,69,121, 240, 245,342,501
711. <i>G. macrocerus macrocerus</i> (F.- W.)	Lucerne, clover and other forage plants	Northern provinces	525

Scientific name	Host	Distribution	Reference no.
712. <i>Chorthippus mollis elbursianus</i> Mistsh.	—	Elburz mountains	525
713. <i>C. mollis mollis</i> (Charp.)	—	Northern provinces	525
714. <i>C. savakanicus</i> Uv.	—	East Azarbaijan (Sabalan mountain)	525
715. <i>Chrotogonus robertsi</i> Kirby.	Cotton, tobacco and some other crops	Khorasan, Balouchestan, Fars, Kerman	151,342,525,754
716. <i>C. trachypterus</i> Blan.	Sugar-beet	Khorasan and southern and south-eastern provinces	151,461
717. <i>C. turanicus</i> Kuth.	Cotton	Azarbaijan, Balouchestan, Kerman	56,196,245
718. <i>Diexis varentzovi</i> Zubov.	—	Khorasan	151
719. <i>D. varentzovi salsolae</i> Mistsh.	—	"	525
720. <i>Dinaria mirzayani</i> Pop.	—	Fars	342,525
721. <i>Doclostaurus brevicollis</i> Evers. Syn.: <i>Stauronotus cruciatus</i> Evers., <i>S. annulipes</i> Turk.	—	Khorasan, Fars	151,245,494,525,815
722. <i>D. carssiuculus</i> (Pant.)	—	North-eastern provinces	815
723. <i>D. crassiusculus nigrogeniculatus</i> Syn.: <i>Doclostaurus kraussi</i> Uv.	Wheat, barley, castor-bean, lucerne, cotton	East Azarbaijan, Gorgan	127,525,814
724. <i>D. crucigerus</i> Ram.	—	Fars	245
725. <i>D. (= Stauronotulus) dianesus</i> B. - Bien.	—	Balouchestan, Khorasan	151,525,815
726. <i>D. (= Gryllus) genei</i> (Osch.)	—	Kermanshah	525
727. <i>D. (= Stauronotulus) hauensteini</i> Bol. Syn.: <i>Stauronotus crassiusculus</i> Uv.	Cereals	Generally distributed	121,151,196,342,494,501,524,525,814,815
728. <i>D. (= Stauronotulus) hauensteini elbursianus</i> Uv.	Cereals, pasture and forage crops	Tehran and north-western provinces	252,525
729. <i>D. hauensteini hauensteini</i> (Bol.)	" " " " "	Fars, Kerman, Kermanshah and northern provinces	127,252
730. <i>D. jagoi</i> n. sp.	—	Ilam	814,815
731. <i>D. kraussi</i> Ingea.	Cereals	Khorasan, Fars, Kerman	70,151,245,494
732. <i>D. (= Stauronotulus) kraussi nigrogeniculatus</i> (Tarb.) Syn.: <i>Doclostaurus kraussi</i> Uv., <i>D. nigrogeniculatus nigrogeniculatus</i>	Wheat, barley, wild Gramineae, cotton, castor-bean, lucerne and other crops	Azarbaijan and other northern, eastern, southern and central provinces	56,196,252,525
733. <i>D. kurdus</i> Uv.	Cereals, pasture and forage crops	Azarbaijan, Kordestan	252

Scientific name	Host	Distribution	Reference no.
734. <i>Dociostaurus larensis</i> n. sp.	—	Southern provinces	815
735. <i>D.</i> (= <i>Gryllus</i> ) <i>maroccanus</i> (Thunb.)	Wheat, barley, millet, corn, bean, cotton, tobacco, castor-bean, lucerne, clover, melon, water-melon, cucumber, weeds, vegetables, grapevine and different other trees and shrubs	Azərbayjan, Khorasan, Kerman, Mazandaran, Gorgan, Semnan, Fars, Kermanshah, Khuzestan, Ilam, Markazi	22,27,56, 69, 70, 121,127,151,196, 240,245,252,286, 342,411,494,501, 525,526,754,814, 816,889
736. <i>D. plotnikovi</i> Uv.	Cereals, pasture and forage crops	Khorasan and other northern provinces	70,151,252,525, 815
737. <i>D. tartarus</i> Uv. Syn.: <i>Dociostaurus crucigerus tartarus</i> Uv.	Cereals and sometimes cotton	Azərbayjan, Khorasan, Fars, Mazandaran, Gorgan, Kermanshah	56,70, 151, 196, 240,252,342,501, 525,578,754,814, 815
738. <i>Duroniella gracilis</i> Uv.	Lucerne, clover and other truck crops	West Azərbayjan, Khorasan, Mazandaran	56,151,252,501, 525
739. <i>D. iranica</i> B. - Bein.	—	Southern provinces	525
740. <i>D. kalmyca</i> Adel.	—	Fars	245
741. <i>D. kostylevi</i> B. - Bien.	—	Southern provinces	525
742. <i>D. laeviceps</i> Uv.	—	South-western provinces	525
743. <i>D. lucasi</i>	—	Southern provinces	525
744. <i>D. volucris</i> Uv.	—	South-western provinces	525
745. <i>Egnatioides coeruleans</i> B.-Bien.	—	Balouchestan, Kerman	525
746. <i>E. farsistanicus</i> Uv.	—	Fars, Kermanshah	342,525
747. <i>E. kiritshenkoi</i> Uv.	—	Khorasan	151,525
748. <i>E. sphaerifer</i> B. - Bien.	—	Khorasan, Semnan	151,525
749. <i>Egnatius apicalis</i> Stal.	—	Khorasan and other northern provinces	151,525
750. <i>Eremippus guttatus</i> Mistsh.	—	Khorasan	151
751. <i>E. guttatus guttatus</i> Mistsh.	—	Zanjan, Semnan	525
752. <i>E. guttatus notius</i> Mistsh.	—	Khorasan	525
753. <i>E. persicus</i> Uv.	Lucerne and other truck crops	Khorasan and other northern provinces	151,252
754. <i>E. simplex simplex</i> (Evers.)	—	Khorasan	151
755. <i>Eremocharis granulosa bam-pura</i> Uv.	—	Balouchestan	525
756. <i>E. granulosa khorassana</i> Uv.	—	Khorasan, Balouchestan, Kerman	524,525
757. <i>E. subsulcata</i> (Stal.)	Pasture plants	Khorasan	151,240,525
758. <i>Esfandiaria obesa</i> Pop.	Oak, wall barley, bromé chess, french maple	Fars, Kohkilouye, Khuzestan	342,408,525,546

Scientific name	Host	Distribution	Reference no.
759. <i>Euchorthippus transcausicus</i> Tarb.	Wheat, barley, lucerne, clover and other cereals and pasture crops	West Azarbaijan, Khorasan and other northern provinces	56,151,252,501,525
760. <i>Farsinella predtetschenskii</i> B. - Bien.	—	Kerman, Balouchestan	525
761. <i>F. uvarovi</i> B. - Bien.	—	" "	525
762. <i>Gonista rotundata</i> Uv.	—	Eastern and southern provinces	525
763. <i>G. (= Gelastorrhinus) sagitta</i> (Uv.)	Cotton, corn, wheat and other crops	Azarbaijan and other northern provinces	56,252,525
764. <i>Heliopteryx humeralis</i> Kuth.	Cereals, summer crops and pasture plants	Tehran and other northern provinces	86,525
765. <i>Helioscirtus moseri</i> Sauss.	—	Azarbaijan, Khorasan	56,70,151
766. <i>H. moseri moseri</i> Sauss.	—	Southern provinces	525
767. <i>H. moseri siazovi</i> Uv.	—	Khuzestan and other western and south-western provinces	524,525
768. <i>H. moseri tichomirovi</i> Stsch.	—	Azarbaijan	501,524,525
769. <i>Heteracris adspersus</i> (Redt.)	—	Khorasan	151
770. <i>H. littoralis</i> (Ram.)	Sugar-beet	Khorasan, Azarbaijan, Kermanshah, Fars, Markazi	151,461
771. <i>H. littoralis similis</i> (Brun.)	—	Khorasan	151
772. <i>Hilethera aiolopoides</i> Uv.	Corn, sesame, cotton, hemp and other crops	Khuzestan, Balouchestan, Hormozgan, Fars	252,342,524,525,754
773. <i>H. maculata</i> Kar.	Cereals, summer crops and pasture plants	Tehran, Fars, Semnan, Khorasan and other northern provinces	56,86, 127, 151, 342,525
774. <i>H. turanica</i> Uv.	—	Khorasan and other northern provinces	56,151,252
775. <i>Hyalorsipis chestoperovi</i> Uv.	—	Kerman	525
776. <i>H. turcmena</i> Uv.	—	Khorasan, Balouchestan	525
777. <i>Iranacris dentatus</i> Mistsh.	—	Markazi	525
778. <i>Iranella eremiaphila</i> Uv.	—	Khorasan, Balouchestan, Semnan	151,525
779. <i>I. rugosa</i> Shum.	—	Khorasan, Kerman	151,525
780. <i>Iraniobia elbursiana</i> Ram.	—	Khorasan, Semnan	151,525
781. <i>I. mesoptera</i> B. - Bien.	—	Balouchestan	525
782. <i>I. pavlovskii</i> B. - Bien.	—	"	525
783. <i>I. salavatiani</i> B. - Bien.	—	"	525
784. <i>I. zarudnyii</i> B. - Bien.	—	"	525
785. <i>Kirmania exilis</i> Uv.	—	Kerman	525
786. <i>Leptopternis gracilis</i> Ev.	Cereals, summer crops and pasture plants	Generally distributed	56,86, 121, 302, 525

Scientific name	Host	Distribution	Reference no.
787. <i>Leptopternis iliensis</i> Uv.	—	Khorasan	151
788. <i>Leptoscirtus isfahanicus</i> Uv.	—	Esfahan	525
789. <i>Locusta migratoria</i> L. Syn.: <i>Locusta danica</i> L.; <i>L. migratoria rossica</i> Uv.	Corn, wheat, rice, grapevine and many other crops	Generally distributed	56,69,70,86, 121, 127,151,240,252, 342,494,501,525, 754,889
790. <i>L. migratoria danica</i> L.	—	Fars	245
791. <i>L. migratoria migratoria</i>	—	Khuzestan, Kerman, Fars, Gilan, Khorasan and other northern and central provinces	56,245,816
792. <i>Lyrotlyoides viridis</i> B. - Bien.	Wild pistachio, amygdalus	Khorasan, Kerman and other south-eastern and southern provinces	129,238,252,525
793. <i>Lyrotylus kermanicus</i> Shum.	—	Kerman, Fars	342,525
794. <i>L. modestus</i> B. - Bien.	—	Fars	525
795. <i>L. persicus</i> Uv.	—	"	342,525
796. <i>Melanotmethis fuscipennis</i> (Redt.)	—	Khorasan	151,637
797. <i>M. fuscipennis fuscipennis</i> (Uv.)	—	"	151,525
798. <i>M. fuscipennis unicolor</i> (Uv.)	—	"	151,525
799. <i>Mioscirtus wagneri</i> Kitt.	Cereals and summer crops	Khorasan, Tehran	86,151
800. <i>M. wagneri rogenhoferi</i> (Sauss.)	Sometimes cotton	Azarbajjan , Fars, Tehran , Gorgan , Khorasan and other northern provinces	56,252,342,501, 525,754
801. <i>M. wagneri wagneri</i> Kitt.	—	Southern provinces	525
802. <i>M. wagneri warentzovi</i> Zub.	—	Fars	342
803. <i>Miramia perpolita</i> Uv.	—	Hormozgan	525
804. <i>Mizonocara inornata</i> Mistsh.	—	Khorasan	151
805. <i>M. inornata inornata</i> Mistsh.	—	Northern provinces	525
806. <i>Notostaurus</i> (= <i>Dociostaurus</i> ) <i>albicornis</i> (Ev.)	—	Fars, Khorasan, Gorgan, Tehran, West Azarbajjan	56,151,342,501, 815
807. <i>N.</i> (= <i>Dociostaurus</i> ) <i>albicornis albicornis</i> (Ev.)	Wheat, barley and other crops	Azarbajjan, Khorasan, Gorgan	252,525
808. <i>N.</i> (= <i>Dociostaurus</i> ) <i>albicornis turcmenus</i> (Uv.)	—	Azarbajjan, Khorasan, Gorgan	525,814
809. <i>N.</i> (= <i>Dociostaurus</i> ) <i>anatolicus</i> (Kr.)	Wheat, barley and other cereals	Generally distributed	56,121,127, 151, 245,252,342,501, 525,815
810. <i>N.</i> (= <i>Dociostaurus</i> ) <i>anatolicus</i> form <i>castaneopicta</i> (Kr.)	—	Azarbajjan	501
811. <i>Ochridia affinis</i> (Sal.)	—	South - eastern provinces	525



Scientific name	Host	Distribution	Reference no.
812. <i>Ochrilidia filicornis orientalis</i> Uv.	—	Balouchestan	525
813. <i>O. (= Platypterna) heberata</i> (Uv.)	—	Khorasan, Gorgan, Tehran	56,151
814. <i>O. (=Platypterna) obtusa</i> (Sal.)	—	Khorasan, Fars, West Azarbaijan and other western provinces	56,151,342,501, 525
815. <i>O. (= Platypterna) persica</i> (Sal.)	Lucerne and other pasture plants and forage crops	Khorasan and other northern provinces	151,252,525
816. <i>O. pictipes</i> Uv.	—	Balouchestan	525
817. <i>O. (= Platypterna) uvarovi</i> (Sal.)	Lucerne	West Azarbaijan, Tehran, Fars, Semnan and south - western provinces	501,524,525
818. <i>O. (=Platypterna) variopicta</i> (Sal.)	Lucerne and other pasture plants and forage crops	Kerman, Balouchestan, Fars	252,525
819. <i>Oedaleus decorus</i> (Germ.) Syn.: <i>Acrydium decorum</i> Germ.; <i>Oedaleus nigrofasciatus</i> Finot.	Cotton, lucerne, wheat, sugar-beet and other crops	Generally distributed	22,56,69, 70, 86, 121,150,151,196, 245,252,342,461, 494,501,525,754, 814
820. <i>O. infernalis</i> Sauss.	—	Kerman	245
821. <i>O. senegalensis</i> (Kr.)	Cotton, alhagi, lucerne, sugar-beet, wheat and other crops	Generally distributed	56,70,86,121,151, 245,252,342,461, 525,814
822. <i>Oedipoda coeruleascens</i> (L.) Syn.: <i>Gryllus bifasciatus</i> Mull., <i>Acridium sebetium</i> Costa	Cotton, tobacco, sugar-beet, corn, barley, wheat, lucerne, clover, citrus, gladiola, white mulberry and other crops	Azarbaijan, Tehran, Fars, Caspian Sea area, Gorgan and other western and southern provinces	56, 69, 86, 121, 129,240,245,252, 461,494,501,525, 754
823. <i>O. germanica meridionalis</i> Ram.	—	Khorasan	151
824. <i>O. miniata</i> (Pall.) Syn.: <i>Gryllus miniatus</i> Pall., <i>Oedipoda germanica</i> Costa	Cotton, melon, cucumber, squash, sugar - beet and pasture crops	Generally distributed	56,86, 121, 150, 151,240,245,252, 342,461,494,501, 525
825. <i>O. miniata miniata</i> Pall.	Cotton	Generally distributed	754
826. <i>O. schochi</i> Sauss.	Cereals and summer crops	Azarbaijan, Fars, Mazandaran, Tehran	56,86, 121, 342, 501,525
827. <i>O. schochi caucasica</i> Sauss.	—	Fars, Mazandaran	245
828. <i>Oxya fuscovittata</i> (Marsch.)	—	Khorasan	151
829. <i>O. nitidula</i> (Walk.)	—	South - eastern provinces	525
830. <i>Paraconophyma nana</i> Pop.	—	Fars	342,525
831. <i>P. pusilla</i> B. - Bien.	—	"	525
832. <i>Parapleurus alliaceus</i> Germ.	—	Fars, Kerman, northern and southern provinces	56
833. <i>P. alliaceus turanicus</i> Tarb.	—	Northern provinces	525
834. <i>Pararcyptera (= Arcyptera) microptera elbursiana</i> (B. - Bien.)	Wheat, barley, rice, cotton, tobacco, lucerne and other crops	Elburz mountains	252

Scientific name	Host	Distribution	Reference no.
835. <i>Pararcyptera</i> (= <i>Arcyptera</i> ) <i>microptera transcaucasica</i> (Uv.)	Wheat, barley, rice, cotton, tobacco, lucerne and other crops	Azərbayjan and Caspian Sea area	56,252,501,525, 754
836. <i>Paregnatius moritzi</i> Uv.	—	Khorasan	151,525
837. <i>P. moritzi farsistanicus</i> Desc.	—	Fars	342
838. <i>P. salavatiani</i> Pop.	—	"	342,525
839. <i>P. saltator</i> B. - Bien.	—	Khorasan	151,525
840. <i>Phaeonotus pulcher</i> Pop.	—	Balouchestan	525
841. <i>Pseudocoles dirshi</i> Pop.	—	Fars	342,525
842. <i>P. innoratus</i> B. - Bien.	—	Tehran (Elburz mountains)	525
843. <i>P.</i> (= <i>Thalpomena</i> ) <i>persa</i> (Sauss.)	Cereals and other crops	Tehran, Azərbayjan, Mazandaran	86,501,524,525
844. <i>P.</i> (= <i>Thalpomena</i> ) <i>persa</i> form <i>coeruleipennis</i> (Uv.)	—	Tehran, Markazi and other northern provinces	524,525
845. <i>P. persa</i> form <i>roseipennis</i> (Sauss.)	—	Fars and northern provinces	342,525
846. <i>P.</i> (= <i>Thalpomena</i> ) <i>persa</i> form <i>violacea</i> (Mor.)	—	West Azərbayjan, Tehran, Semnan and other northern provinces	522,524,525
847. <i>Pyrgodera armata</i> (F. - W.)	Rice and other cereals and also summer and forage crops	Generally distributed	56,70,86,121,151, 240,245,342,494, 501,525
848. <i>Ramburiella bolivari</i> (Kut.)	Wheat, barley and other cereals	Fars, Tehran and other northern pro- vinces	56,252,342,525
849. <i>R. foveolata</i> Tarb.	—	Khorasan, Fars	151,342,525
850. <i>R.</i> (= <i>Arcyptera</i> ) <i>turcomana</i> (F. - W.)	Wheat, barley, sesame, hemp	Generally distributed	56,69, 121, 151, 240,245,252,342, 501,525
851. <i>Savalania pulla</i> Mistsh.	—	Sabalan mountain	525
852. <i>Saxetania aelleni</i> (Dirsh)	—	Kerman, Fars	342
853. <i>S. alexandrovi</i> B. - Bien.	—	Fars	525
854. <i>S. cultricolis</i> (Sauss.)	—	Khorasan	70,151
855. <i>S. cultricolis cultricolis</i> (Sauss.)	—	Semnan	525
856. <i>S. cultricolis gibbosa</i> Mistsh.	—	Khorasan	151
857. <i>S. cultricolis integra</i> (Desc.)	—	"	151
858. <i>S. decumana</i> Mistsh.	—	"	151,525
859. <i>S. dehbidi</i> Dirsh	—	Fars	342
860. <i>S. edentulum</i> Uv.	—	"	342
861. <i>S. elbursiana</i> (Ram.)	—	Semnan	525
862. <i>S. enoda</i> Mistsh.	—	Khorasan	151

Scientific name	Host	Distribution	Reference no.
863. <i>Saxetania escalerae</i> I. Bol.	—	Fars, Kordestan	342,525
864. <i>S. femoralis</i> Mistsh.	—	Khorasan	525
865. <i>S. irrasa</i> Mistsh.	—	"	151,525
866. <i>S. marginatum</i> I. Bol.	—	Fars	342
867. <i>S. muricata muricata</i> Mistsh.	—	Khorasan	525
868. <i>S. nizvai</i> (Dirsh)	—	Elburz mountains	525
869. <i>S. onerosa</i> Mistsh.	—	Khorasan	525
870. <i>S. paramonovi</i> (Dirsh)	—	Gorgan	525
871. <i>S. sabulosa</i> (Uv.)	—	Kermanshah	525
872. <i>S. scutata</i> Mistsh.	—	Khorasan	151
873. <i>S. spinosa</i> Mistsh.	—	Khorasan, Semnan	151,525
874. <i>Scintharista notabilis</i> (Walk.)	—	Khorasan	86,151
875. <i>S. notabilis brunneri</i> Sauss.	Cereals and summer crops	Khorasan, Tehran, Semnan, Fars and other southern provinces	56,127,245,342,525
876. <i>S. notabilis pallipes</i> Uv.	—	Khorasan, Balouchestan	151,525
877. <i>Sphingoderus carinatus</i> (Sauss.) Syn.: <i>Sphingoderus uvarovianus</i> B. - Bien.	Sometimes cotton and cereals	Generally distributed	59,151,525
878. <i>Sphingonotus callosus</i> Fieb.	—	Fars, Semnan, Gorgan	524
879. <i>S. (= Sphingoderus) carinatus</i> (Sauss.)	Cotton	Generally distributed	86,252,342,494,501,754
880. <i>S. carinatus eshrewi</i> (Rme.)	—	Fars	342
881. <i>S. coeruleans caspicus</i> Mistsh.	—	Caspian Sea area, Tehran	89,524,525
882. <i>S. coeruleans coeruleans</i> L.	—	Fars	245
883. <i>S. coeruleans coeruleipes</i> Uv.	—	Azarbaijan, Fars, Tehran, Gorgan	56,86,342,525
884. <i>S. coeruleans kermanicus</i> Predt.	—	Fars and other southern and central provinces	342,525
885. <i>S. coeruleipes</i> Uv.	—	Azarbaijan, Gorgan, Tehran	56
886. <i>S. coeruleipes coeruleipes</i> Uv.	—	Tehran	89
887. <i>S. decarinatus</i> Uv.	—	Khuzestan	525
888. <i>S. elegans</i> Mistsh.	—	Khorasan	151
889. <i>S. eurasius</i> Mistsh.	Cereals and summer crops	Fars	86,127,342
890. <i>S. eurasius eurasius</i> Mistsh.	—	Tehran and other northern provinces	89,525
891. <i>S. fuscus mistshenkoi</i> Predt.	—	Tehran	89
892. <i>S. humeralis</i> Kuthy	—	West Azarbaijan, Tehran	56,501

Scientific name	Host	Distribution	Reference no.
893. <i>Sphingonotus isfahanicus</i> Predt.	—	Fars, Esfahan	342,525
894. <i>S. maculatus</i> Uv.	—	Khorasan	151
895. <i>S. maculatus maculatus</i> Uv.	—	Tehran and north-eastern provinces	89,525
896. <i>S. mecheriae</i> Kr.	—	Kerman, Fars	245
897. <i>S. minutus</i> Mistsh.	—	Khorasan	70,151,525
898. <i>S. nebulosus</i> (F. - W.)	—	Khorasan, Tehran	89,151
899. <i>S. nebulosus discolor</i> Uv.	—	Khorasan and other eastern provinces	70,525
900. <i>S. nebulosus persa</i> Sauss.	Cereals and summer crops	West Azarbaijan, Mazandaran, Tehran, Kerman, Fars and other southern provinces	56,86,89,245,342,501,525
901. <i>S. nebulosus violaceus</i> Uv.	—	Balouchestan	524
902. <i>S. obscuratus</i> (Walk.)	—	Khorasan, Tehran	151,245
903. <i>S. obscuratus apicalis</i> Sauss.	—	Balouchestan	525
904. <i>S. obscuratus brunneri</i> Sauss.	—	Semnan, Tehran	89,525
905. <i>S. obscuratus latissimus</i> Uv.	—	Tehran	56
906. <i>S. octofasciatus</i> (Serv.)	—	Khorasan, Tehran, Kerman, Fars,	56,70,89,151,245,342,525
907. <i>S. pictipes</i> Uv. - Dirsh	—	Tehran	525
908. <i>S. pilosus</i> Sauss.	Cereals and summer crops	Khorasan, Mazandaran, Tehran	56,86,89,151,525
909. <i>S. (= Oedipoda) rubescens</i> (Walk.)	" " " "	East Azarbaijan, Kerman, Fars, Tehran, Khorasan	56,86, 121, 151, 245,342,814
910. <i>S. rubescens fasciatus</i> Mistsh.	—	Tehran	524,525
911. <i>S. rubescens rubescens</i> (Walk.)	—	Tehran and all over Iran	89,525
912. <i>S. rufipes</i> Predt.	—	Semnan, Yazd	525
913. <i>S. salinus</i> (Pall.)	—	Azarbaijan	525
914. <i>S. satrapes</i> Sauss.	Cotton, wheat, barley, lucerne and other crops	Tehran, Khorasan, Gorgan and other areas	56,69,70, 86, 89, 151,196,240,245, 252,342,525,754 814
915. <i>S. savignyi</i> Sauss.	Cereals and summer crops	Tehran and other areas	56,86,89,245,342,525
916. <i>S. theodori</i> Uv.	—	Khorasan	151
917. <i>S. theodori iranica</i> Uv.	Pasture plants	Tehran and other areas	89,342,525,662
918. <i>S. theodori theodori</i> Uv.	—	South-western provinces	525
919. <i>S. turcmenus</i> B. - Bien.	—	Khorasan	151
920. <i>Sphodromerus luteipes</i> Uv.	—	Khorasan, Fars	151,342

Scientific name	Host	Distribution	Reference no.
921. <i>Sphodromerus luteipes luteipes</i> Uv.	Bitter cucumber	Khorasan, Khuzestan, Semnan, Tehran	524,525
922. <i>S. luteipes rubripes</i> Uv.	—	In Iran	525
923. <i>S. undulatus undulatus</i> (Kir.)	—	Balouchestan	525
924. <i>Sphodronotus cyclopterus</i> Uv.	—	Kermanshah, Balouchestan, Khuzestan, Hormozgan	524,525
925. <i>S. grandis</i> Pop.	—	Balouchestan	525
926. <i>Stauroderus macrocerus</i> F.- W.	—	Mazandaran	245
927. <i>S. scalaris demavendi</i> Pop.	—	Tehran (Elburz mountains)	525
928. <i>Stenobothrus stigmaticus</i> (Ram.)	—	Khorasan	151
929. <i>S. (= Stenobothrodes) werneri</i> Ad.	—	North-western provinces	525
930. <i>Stenohippus iranicus</i> B. - Bien.	—	Fars	342
931. <i>S. mundus</i> (Walk.)	—	Khuzestan, Balouchestan, Kerman	525
932. <i>Strumiger desertorum</i> Zub.	—	Khorasan	151
933. <i>S. desertorum persa</i> Uv.	—	Khorasan, Kerman	525
934. <i>Tenuitarsus evansi</i> (Uv.)	—	Balouchestan	525
935. <i>Thrinchus arenosus</i> B. - Bien.	—	Khorasan	151
936. <i>T. arenosus arenosus</i> B. - Bien.	—	"	525
937. <i>Tmethis cyanipennis</i> Sauss.	—	Fars, Kerman	245
938. <i>T. pulchripennis asiaticus</i> Uv.	—	Tehran, Lorestan, Kermanshah and other western provinces	524,525
939. <i>Tropidopola cylindrica</i> Marsh.	—	Khorasan, Fars	151,342,754
940. <i>T. cylindrica iranica</i> Uv.	—	Kerman, Balouchestan	525
941. <i>T. cylindrica obtusa</i> Uv.	Rice, sugar-cane and other crops	Hormozgan, Khuzestan	252,525
942. <i>T. turanica</i> Uv.	—	Khorasan	151
943. <i>T. turanica caspica</i> Uv.	—	Mazandaran	56
944. <i>T. turanica turanica</i> Uv.	—	Northern provinces	525
945. <i>Truxalis eximia</i> Eich.	—	Khorasan	151
946. <i>T. (= Acridella) mesopotamica</i> (Dirsh)	—	Semnan	525
947. <i>T. (= Acridella) robusta</i> (Uv.)	Cotton, tobacco, sugar-beet, lucerne, clover and many other crops	Generally distributed	121,252,342,461, 525
948. <i>Uvarovium dirshi</i> Uv.	—	South-eastern provinces	525
949. <i>U. femorale</i> Mistsh.	—	Khorasan	151,525
950. <i>Vosseleriana dentata</i> (Predt.)	—	South-eastern provinces	525

Scientific name	Host	Distribution	Reference no.
951. <i>Vosseleriana paradoxa</i> B.-Bien.	—	South-eastern provinces	525
952. <i>V. picta onerosa</i> (Mistsh.)	—	Southern provinces	525
953. <i>Wiltshirella fusiformis</i> Pop.	—	Fars	342,525
954. <i>Xenocheila zarudnyi</i> Uv.	Ephedra	Khorasan, Esfahan, Semnan, Tehran	151,524,525

## FAMILY ACRYDIIDAE

Scientific name	Host	Distribution	Reference no.
955. <i>Acridium depressum</i> Bris.	—	Khorasan, Mazandaran	56
956. <i>A. subulatum</i> L.	—	West Azarbaijan, Mazandaran	56,501
957. <i>A. tenuicorne</i> Sahlb.	—	Tehran	524

## FAMILY BRADYPORIDAE

Scientific name	Host	Distribution	Reference no.
958. <i>Bradyporus</i> (= <i>Callimenus</i> ) <i>latipes</i> (Stal)	Wheat, barley, melon, cotton, corn and other crops	Azarbaijan, Fars, Kermanshah, Esfahan, Tehran, Markazi and most of other areas	57,69, 240, 252, 342,501,525

## FAMILY CATANTOPIDAE

Scientific name	Host	Distribution	Reference no.
959. <i>Anacridium</i> (= <i>Acridium</i> ) <i>aegyptium</i> (L.) Syn.: <i>Gryllus lineola</i> F., <i>G. tartariscus</i> Cry.	Cotton, apple, soybean, poplar, tobacco, alhagi, grapevine	Fars, Khuzestan, Kermanshah, Kerman, East Azarbaijan, Khorasan and other northern and central provinces	6,22,56, 69, 70, 121,129,150,196, 245,324,351,482, 494,788
960. <i>A.</i> (= <i>Acridium</i> ) <i>aegyptium aegyptium</i> (L.)	Cotton, tobacco, lucerne, grapevine, apricot, peach, willow, oak, poplar and some other plants	Generally distributed	99,129,151,525 754
961. <i>A. aegyptium rubrispinum</i> B. - Bien.	—	Balouchestan	525
962. <i>Calliptamus balucha</i> Uv.	—	"	525
963. <i>C. barbarus</i> Costa Syn.: <i>Caloptenus siculus</i> Burm., <i>C. ictericus</i> Serv.	Gramineae family plants and sugar-beet	East Azarbaijan, Khorasan and other sugar-beet planting areas	70,121,151,461, 494,814
964. <i>C. barbarus cephalotes</i> F. - W. Syn.: <i>Calliptamus siculus deserticola</i> V.	potato, cotton, tobacco, sugar-beet and cereals	Generally distributed	69,277,342,525, 754
965. <i>C.</i> (= <i>Metromerus</i> ) <i>coelesyriensis</i> G. - T.	—	East Azarbaijan, Khorasan, Fars	56,70, 121, 127, 151,342,501
966. <i>C.</i> (= <i>Metromerus</i> ) <i>coelesyriensis angustae</i> (Uv.)	—	North-eastern provinces	525
967. <i>C.</i> (= <i>Metromerus</i> ) <i>coelesyriensis carbonaria</i> (Uv.)	Barley and other crops	Azarbaijan, Khorasan, Tehran, Hormozgan	56,151,252,501

Scientific name	Host	Distribution	Reference no.
968. <i>Calliptamus</i> (= <i>Metromerus</i> ) <i>coelesyriensis coelesyriensis</i> (Uv.)	Wheat,barley and other cereals	Fars, Kerman, Khorasan and other northern provinces	151,252,525
969. <i>C.</i> (= <i>Metromerus</i> ) <i>coelesyriensis intricatus</i> (Mistsh.)	—	Western,north-western and eastern provinces	525
970. <i>C.</i> (= <i>Caloptenus</i> ) <i>italicus</i> (L.) Syn.: <i>Gryllus germanicus</i> F., <i>G. affinis</i> Thunb.	Cereals,cotton,sugar-beet,summer crops,field crops and forage plants	East Azarbaijan, Kermanshah, Fars , Hamadan,Tehran,Gilan, Mazandaran, Khuzestan , Khorasan , Markazi and most other areas	24,25,56,69, 121, 127,151,196,240, 245,461,494,501, 525,754,814,889
971. <i>C. persa</i> Uv.	—	Zanjan	525
972. <i>C. siculus</i> Brum.	Cotton,cereals and other field and forage crops	Azarbaijan,Khorasan,Semnan, Gilan, Mazandaran,Tehran and central provinces	56,196,501
973. <i>C. siculus deserticola</i> V.	—	East Azarbaijan	501
974. <i>C. tenuicercis</i> Tarb. Syn.: <i>Calliptamus iranicus</i> Rme., <i>C. persa</i> Uv.	—	Azarbaijan, Gorgan, Fars, Khorasan and other eastern provinces	56,151,342,494, 501,525
975. <i>C. turanicus</i> Tarb.	Wheat , barley and other cereals and also sometimes on cotton	Azarbaijan,Fars,Khorasan,and other northern provinces	56,70,151, 240, 245,342,525
976. <i>Catantops axillaris</i> Tarb.	—	Kerman,Hormozgan	525
977. <i>C. saucius</i> Brum.	Sometimes on cotton	Fars	525
978. <i>Conophyma pazukii</i> sp. n.	—	Gorgan	530
979. <i>C. turcomanum</i> Mistsh.	—	Khorasan	151
980. <i>Dericorys albidula</i> Serv.	—	Khorasan,Balouchestan,Gorgan	56,70, 151, 525, 816
981. <i>D. annulata</i> (Fieb.)	—	Khorasan,Balouchestan,Fars,Kerman	70,342,525
982. <i>D. cryosterna</i> Uv.	—	Balouchestan,Kerman	525
983. <i>D. roseipennis</i> Uv.	—	Kerman,Fars	245,524
984. <i>D. roseipennis lazurascens</i> Uv.	Rice	Khorasan	524
985. <i>D. tibialis</i> Pall. Syn.: <i>Dericorys acutispina</i> Stal , <i>D. curvipes</i> Redt.	—	Generally distributed	56,151,245,342, 494,501,525
986. <i>D. uvarovi</i> Ram.	—	Azarbaijan	56
987. <i>D. uvarovi iranica</i> Mistsh.	—	East Azarbaijan, Fars, Yazd, Hormozgan	121,342,525
988. <i>D. vitrea</i> B. - Bien.	—	Balouchestan	525
989. <i>D. xenosterna</i> Uv.	—	Khorasan,Kerman	70,525
990. <i>Eyprepocnemis alacris alacris</i> (Serv.)	Cotton,tobacco,lucerne and other crops	Southern and south-eastern provinces	252,494,525
991. <i>E. alacris impictus</i> Uv.	" " " " "	South-western provinces	252,494,525

Scientific name	Host	Distribution	Reference no.
992. <i>Eyprepocnemis</i> (= <i>Gryllus</i> ) <i>plorans</i> (Charp.) Syn.: <i>Calliptamus trasius</i> F.-W., <i>C. reticulata</i> Fieb.	Cotton,tobacco,lucerne,sugar-cane, rice and other crops	Azarbaijan,Khorasan,Gilan,Mazanda- ran,Gorgan,Kermanshah	56,69, 151, 245, 252,494,501,525, 730
993. <i>E. unicolor</i> Tarb.	—	Khorasan	151
994. <i>Schistocerca gregaria</i> (Forsk.) Syn.: <i>Acridium peregrinum</i> Ol., <i>A. tartaricum</i> Latr.	Wheat,barley,corn,sorghum,cotton, lucerne, melon,water-melon, cucu- mber,potato,tomato,lettuce, citrus, date-palm,christ's thorn, pistachio and other summer crops, forage and forest plants and different kind of trees	Khorasan,Kerman,Khuzestan,Balouc- hestan,Hormozgan,Illam, Yazd, Fars, Kermanshah	22,24,27,127,151, 196,240,245,252, 286,494,525,679, 754,889
995. <i>Thisoicetrinus pterostichus</i> F. - W. Syn.: <i>Acridium dorsatum</i> F.-W., <i>Eyprepocnemis fisheri</i> Fieb.	Cotton,tobacco,lucerne,cllover,sugar- beet,vegetables and summer crops	Generally distributed	27,151,196, 245, 252,342,461,494, 525,754
996. <i>Thisoicetrus adspersa</i> (Redt.)	Cotton,tobacco,lucerne,cllover,cucu- mber,melon,water-melon and ma- ny other crops	Azarbaijan,Khorasan,Fars, Mazandar- an,Gorgan and many other areas exc- ept Balouchestan	56,196,252,342, 501,525,754
997. <i>T. annulosus annulosus</i> (Walk.)	—	South-eastern provinces	525
998. <i>T. bituberculatus</i> B. - Bien.	—	Tehran and other northern provinces	525
999. <i>T. dorsatus</i> F. - W.	Cotton,tobacco and other plants	Azarbaijan,Khorasan, Tehran, Gilan, Mazandaran,Gorgan,Kerman,Fars	56,501
1000. <i>T. littoralis</i> Ram.	—	Fars	245
1001. <i>T. littoralis similis</i> (Br. - W.) Syn.: <i>Cyrtacanthacris notata</i> Walk.	Cotton, tobacco, melon, cucumber and many other crops	Generally distributed	56,196,252, 342, 494,501,525,754
1002. <i>T. persa</i> Uv.	—	South-eastern provinces	525
1003. <i>T. theodori delicatus</i>	—	In Iran	525

## FAMILY CONOCEPHALIDAE

Scientific name	Host	Distribution	Reference no.
1004. <i>Conocephalus buxtoni</i> Chop.	Rice and other crops	Caspian Sea area	69,252
1005. <i>C. fuscus</i> (F.) Syn.: <i>Locusta fusca</i> f., <i>Xiphid- ium fuscum</i> (Fiont.)	Roses and other plants	Azarbaijan,Khorasan Tehran	6,57,150,252,501, 525
1006. <i>Homorocoryphus</i> (= <i>Gryllus</i> ) <i>nitidulus</i> (Scop.)	Rice,corn,tea,citrus	Gilan	57,69,150, 252, 525

## FAMILY GRILLIDAE

Scientific name	Host	Distribution	Reference no.
1007. <i>Gryllodes brevicarda</i> Bol.	—	Fars	342



Scientific name	Host	Distribution	Reference no.
1008. <i>Gryllus</i> (= <i>Liogryllus</i> ) <i>bimaculatus</i> (Deg.) Syn.: <i>Acheta bimaculata</i> Chop., <i>Gryllus capensis</i> F.	Cotton,tobacco,melon,cucumber t-uberos,geranium and other plants	Generally distributed	57,69, 121, 150, 196,240,252,342, 367,494,525,753, 754
1009. <i>G.</i> (= <i>Acheta</i> ) <i>burdigalensis</i> (Latr.) Syn.: <i>Gryllus arvensis</i> Ram., <i>Gryllus geminus</i> Serv.	Cotton,sugar-beet,cucumber,melon,water-melon and other crops	" "	57,69, 121, 240, 245,252,342,461, 494,525,753,754
1010. <i>G.</i> (= <i>Acheta</i> ) <i>campestris</i> (L.)	Wheat,barley,cotton,tobacco,nursery plants and other crops	East Azarbaijan,Mazandaran	57,121,252,494, 525
1011. <i>G.</i> (= <i>Acheta</i> ) <i>desertus</i> (Pall.) Syn.: <i>Acheta deserta</i> Pall., <i>A. agricola</i> Ram.	Wheat,barley,bean,corn,flax,sesame, cotton, tobacco,sugar-beet, melon and other summer crops and also stored foods,silk and rayon clothing	Generally distributed	22,25,57,69, 196, 240,245,252,342, 461,494,525,753, 754
1012. <i>G. domesticus</i> (L.) Syn.: <i>Acheta domestica</i> L., <i>Gryllus transversalis</i> Walk.	Wool,silk,rayon,cotton clothing,paper and different kinds of foods	" "	57,240,252, 642, 494,525,753,778, 786
1013. <i>G. frontalis</i> Fieb.	Sugar-beet,sesame,cotton,flax,tobacco	Northern provinces	525
1014. <i>G. gryllulus</i> Latr.	—	In Iran	69
1015. <i>Pteronemobius gracilis</i> Jac.	—	Fars,Balouchestan	342,525
1016. <i>P. heydeni cincolor</i> (Jac.)	—	Fars	342
1017. <i>Tartarogryllus tartarus obscurior</i> Uv.	—	East Azarbaijan	525

## FAMILY GRYLLOTALPIDAE

Scientific name	Host	Distribution	Reference no.
1018. <i>Gryllotalpa africana</i> (Palis.) Syn.: <i>Gryllotalpa orientalis</i> Brum.	Wheat,corn,rice,sugar-beet, sugar-cane,ray-grass,cotton, lettuce and many other vegetables and ornamental plants	Khuzestan, Balouchestan and other southern provinces	69,127,196, 252, 426,461,524,525, 754
1019. <i>G.</i> (= <i>Gryllus</i> ) <i>gryllotalpa</i> (L.) Syn.: <i>Gryllotalpa vulgaris</i> Finot.	Wheat,corn, rice,sugar-cane,sugar-beet,tobacco, ray-grass,lettuce and many other vegetables,summer crops and ornamental plants	Generally distributed	22,25,57,69,121, 127,138,195,196, 240,245,252,342, 426,494,525,754
1020. <i>G. unispina</i> Sauss.	Wheat,corn,rice,sugar-cane,ray-grass, tobacco, cotton, lettuce and many other vegetables and ornamental plants	Caspian Sea area, Kermanshah,Tehran,Khuzestan,Kerman,Fars and other southern provinces	25,57,69,127,196, 245,252,426,525, 754

## FAMILY OECANTHIDAE

Scientific name	Host	Distribution	Reference no.
1021. <i>Oecanthus angustipennis</i>	—	In Iran	128
1022. <i>O.</i> (= <i>Gryllus</i> ) <i>pellucens</i> (Scop.) Syn.: <i>Acheta italicus</i> F., <i>Semblis lutari</i> Peta.	Willow,poplar,sugar-beet,grapevine, and other fruit trees	Tehran, Gorgan, Lorestan and central and southern provinces	129,240,252,494, 524,525

Scientific name	Host	Distribution	Reference no.
1023. <i>Oecanthus turanicus</i> Uv.	Cotton, sugar-beet, sesame, lucerne, kanaf, tobacco, roses, willow	Generally distributed	6,57,70,129,245,252,461,525,754

## FAMILY PAMPHAGIDAE

Scientific name	Host	Distribution	Reference no.
1024. <i>Asiotmethis artemisianus</i> Shum.	—	Khorasan	70,151,525
1025. <i>A. turritus</i> (F. - W.) Syn.: <i>Tmethis bilobus</i> Stal	—	East Azarbaijan, Khorasan, Gorgan	56,70, 121, 151, 525
1026. <i>Eremopeza cinerascens</i> (Stal)	Pasture plants	Khorasan	151,240
1027. <i>E. cinerascens bicoloripes</i> (Mor.)	—	"	151,524,525
1028. <i>E. cinerascens cinerascens</i> (Uv.)	—	Khorasan, Gilan, Kermanshah, Esfahan, Markazi	524,525
1029. <i>E. cinerascens virescens</i> (Uv.)	—	Khorasan, Esfahan, Lorestan, Tehran, Markazi, Fars, Semnan, Balouchestan	151,342,524,525
1030. <i>E. festiva</i> (Sauss.)	—	West Azarbaijan	501,525
1031. <i>E. gibbera angustae</i> Uv.	—	Kermanshah, Fars	342,524
1032. <i>E. gibbera lata</i> (Uv.)	—	Kermanshah, Fars and north-western provinces	342,524,525
1033. <i>E. gibbera reducta</i> (Uv.)	—	Khorasan, Kermanshah, Lorestan, Fars	342,524,525
1034. <i>E. gigas</i> (Kirby)	—	Khorasan, Balouchestan, Kerman, Fars, Esfahan	151,524,525
1035. <i>E. saussurei</i> (Uv.)	—	Khorasan	70,151
1036. <i>E. saussurei cyanea</i> B.-Bien.	—	Khorasan, Kerman	164,525
1037. <i>E. saussurei saussurei</i> (Uv.)	—	East Azarbaijan, Kordestan, Hamadan, Fars, Esfahan,	121,342,524,525
1038. <i>E. saussurei violacea</i> (Uv.)	—	Tehran, Markazi, Fars, Kerman, Esfahan	342,524,525
1039. <i>Eremotmethis carinatus</i> (F.)	Cotton, melon, water-melon	Khorasan, Balouchestan, Semnan, Kerman and central provinces	70,151,524
1040. <i>Iranotmethis cyanipennis</i> Sauss.	Pasture plants	East Azarbaijan, Khorasan, Tehran	121,151,240,524
1041. <i>I. cyanipennis cyanipennis</i> (Sauss.)	—	Khuzestan and other western provinces	525
1042. <i>I. cyanipennis cyanipes</i> B. - Bien.	—	Zanjan, Tehran	525
1043. <i>I. cyanipennis kurdus</i> B.-Bien.	—	Kordestan	525
1044. <i>I. luteipes</i> B. - Bien.	—	Esfahan	525
1045. <i>I. persa</i> (Sauss.)	—	Khorasan	151
1046. <i>I. persa persa</i> (Sauss.)	—	West Azarbaijan	525

Scientific name	Host	Distribution	Reference no.
1047. <i>Iranotmethis persa zagrost</i> (Uv.)	—	Kordestan, Khuzestan, Kermanshah	525
1048. <i>Neoparanothrotres borumandi</i> sp. n.	Astragale	Chahar Mahal, Lorestan, Markazi	530
1049. <i>Nocaracris cyanipes</i> (F. - W.)	—	Azərbayjan	525
1050. <i>N. rubripes</i> F. - W.	—	Tehran	524
1051. <i>Nocarodes corrugatus</i> Mistsh.	—	East Azərbaıjan	525
1052. <i>N. crispus</i> Mistsh.	—	" "	525
1053. <i>N. fragosus</i> Mistsh.	—	Azərbayjan	525
1054. <i>N. humerosus</i> Mistsh.	—	Markazi	525
1055. <i>N. nanus</i> Mistsh.	—	East Azərbaıjan	525
1056. <i>N. scabriosus</i> Mistsh.	—	" "	525
1057. <i>N. serricollis</i> F. - W.	—	" "	524
1058. <i>N. serricollis serricollis</i> F.-W.	—	Azərbayjan	525
1059. <i>N. specialis</i> Mistsh.	—	Tehran, Semnan	525
1060. <i>N. urmianus carinatus</i> Mistsh.	—	Azərbayjan	525
1061. <i>N. urmianus urmianus</i> Ram.	—	"	525
1062. <i>Paranothrotres citimus</i> Mistsh.	—	Kordestan	525
1063. <i>P. diamesus</i> B. - Bien.	—	Balouchestan	525
1064. <i>P. gotvindicus</i>	—	East Azərbaıjan	121
1065. <i>P. gotvindicus gotvindicus</i>	—	Kordestan, Kermanshah	525
1066. <i>P. gotvindicus rectus</i> Mistsh.	—	" "	525
1067. <i>P. ocellatus</i> Mistsh.	—	Kordestan	525
1068. <i>P. opacus apicalis</i>	—	Western provinces	525
1069. <i>P. opacus nigripes</i> (Mistsh.)	—	Azərbayjan	525
1070. <i>P. opacus opacus</i> (Br. - W.)	—	"	525
1071. <i>P. opacus ornatus</i> Mistsh.	—	East Azərbaıjan	525
1072. <i>P. shelkovnikovi</i> (Uv.)	—	" "	525
1073. <i>P. tenuicornis sordidus</i> Mistsh.	—	Tehran (Elburz mountains)	525
1074. <i>P. tenuicornis tenuicornis</i> Mistsh.	—	Semnan, Elburz mountains	525
1075. <i>Tropidauchen cristatum</i> Mistsh.	—	Markazi	525
1076. <i>T. cultricolles</i> Sauss.	—	Kordestan	56,245
1077. <i>T. flavipes</i> Mistsh.	—	Semnan	525

Scientific name	Host	Distribution	Reference no.
1078. <i>Tropidauchen marginatum</i>	—	Fars	525
1079. <i>T. paramonovi</i> Dirsh	—	Gorgan	524
1080. <i>T. predtetschenskii</i> Mistsh.	—	Markazi	525
1081. <i>T. sabulosum</i> Uv.	—	Fars	245
1082. <i>T. serratum</i> Mistsh.	—	Gorgan	525
1083. <i>T. viridis</i> B. - Bien.	—	Kordestan and other western provinces	525

## FAMILY PYRGOMORPHIDAE

Scientific name	Host	Distribution	Reference no.
1084. <i>Pyrgomorpha conica</i> Ol. Syn.: <i>Truxalis grylloides</i> Latr., <i>T. linearis</i> Charp.	Sugar-beet and summer crops	East Azarbaijan, Khorasan, Mazandaran, Gorgan, Khuzestan, Fars, Tehran	56,150,151, 240, 245, 342, 461, 494, 501
1085. <i>P. conica deserti</i> (B.-Bien.)	Cotton, melon, cucumber, squash and other crops	Generally distributed	151,252,525,754
1086. <i>P. guentheri</i> Burr.	Summer crops	Azarbaijan, Tehran, Caspian Sea area, eastern and central provinces	56,240,501,525
1087. <i>Pyrgomorphella predtetschenskii</i> B. - Bien.	Cotton, tobacco and other crops	Hamadan, Markazi, Kordestan and eastern provinces	525

## FAMILY SAGIDAE

Scientific name	Host	Distribution	Reference no.
1088. <i>Saga ephippigera</i> F. - W.	—	Azarbaijan, Kordestan, Fars, Mazandaran, Markazi	57,240,342,501, 525

## FAMILY SCAPHURIDAE

Scientific name	Host	Distribution	Reference no.
1089. <i>Isoimon</i> (= <i>Isophya</i> ) <i>riabovi</i> (Uv.)	Citrus, tea, kaki, bramble berry	Gorgan and northern provinces	69,252
1090. <i>Polysarcus elbursianus</i> (Uv.) Syn.: <i>Orphanica elbursiana</i> Uv.	Potato, corn, tomato, melon, cucumber, lucerne, pumpkin, ferula and other crops	Tehran, Mazandaran and other northern provinces	69,240,252,291, 344,524,525

## FAMILY SCHIZODACTYLIDAE

Scientific name	Host	Distribution	Reference no.
1091. <i>Schizodactylus monstrius</i>	—	Balouchestan	525

## FAMILY TETRIGIDAE (= Acrydiidae)

Scientific name	Host	Distribution	Reference no.
1092. <i>Ergatettix dorsiferus</i> Walk.	—	Kerman, Fars	342,525

Scientific name	Host	Distribution	Reference no.
1093. <i>Hodotettix alienus</i> Uv.	—	Khorasan, Kerman, Balouchestan, Fars	342, 525
1094. <i>Paratettix caucasicus</i> B.-Bien.	—	Tehran	524
1095. <i>P. histricus</i> (Stal)	—	Balouchestan	525
1096. <i>P. iranica</i> Uv.	—	Tehran	525
1097. <i>P. obliteratus iranicus</i> B. - Bien.	—	Balouchestan, Kerman, Lorestan, Khuz- estan	525
1098. <i>P. uvarovi</i> Sem.	—	Northern provinces	525
1099. <i>Tetrix (= Acridium) bolivari</i> Saul.	—	" "	525
1100. <i>T. depressa</i> Bris. Syn.: <i>Acridium depressum</i> Chop.	—	East Azarbaijan, Fars, Tehran	121, 150, 342, 525

### FAMILY TETTIGONIIDAE

Scientific name	Host	Distribution	Reference no.
1101. <i>Acrometopa syriaca</i> Br.-W.	—	Hamadan	525
1102. <i>Bergiola persica</i> Uv.	—	Northern provinces	525
1103. <i>Campsocleis shelkovnikovae</i> Ad.	—	Mazandaran	524, 525
1104. <i>Dasyercodes iranicus</i> B.-Bien.	—	Hormozgan, Fars	342, 525
1105. <i>Decorana capitata</i> (Uv.)	Wheat, barley	Gorgan	529
1106. <i>Decticus (= Locusta) albifrons</i> (F.) Syn.: <i>Decticus aeolicus</i> Guar.	Cotton, tobacco, sesame, corn, sugar- beet, wheat, barley, bean, broad-bean, melon and other summer crops and sometimes on grapevine and other fruit trees	Generally distributed	25, 57, 69, 121, 129, 240, 245, 252, 342, 461, 494, 525, 754
1107. <i>D. (= Tettigonia) annaelisae</i> (Ram.)	Cotton, tobacco, corn, lucerne, wheat, barley, melon and many other crops	East Azarbaijan, Gorgan, Fars, Mazand- aran and other northern provinces	57, 121, 252, 501, 525
1108. <i>D. verrucivorus</i> L.	—	Kermanshah	245
1109. <i>Drymadusa grisea</i> Br. - W.	—	Semnan	525
1110. <i>Farsodecticus abaicus</i> sp. n.	—	Fars, Ilam, Kermanshah	530
1111. <i>Incertana persica</i> Uv.	—	East Azarbaijan	121
1112. <i>Iranusa bampura</i> Uv.	—	Balouchestan	525
1113. <i>I. khorasana</i> Uv.	—	Khorasan	525
1114. <i>Isophya caspica caspica</i> Ram.	—	Gilan, Mazandaran, Gorgan	525
1115. <i>I. caspica stshelkanovtzevi</i> Mr.	Oak, iron-tree, citrus, tea	Northern provinces	6, 129
1116. <i>I. schneideri</i> Br. - W. Syn.: <i>Isophya acuminata</i> Br.- W., <i>I. caucasica</i> Uv.	Grapevine and sometimes on tob- acco and other crops	East Azarbaijan and other northern and western provinces	129, 252, 494, 525

Scientific name	Host	Distribution	Reference no.
1117. <i>Leptophyes albobittata</i> Kol. Syn.: <i>Odontura vittata</i> F.-W., <i>Barbistes foliicauda</i> F.-W.	Umbelliferae family plants	Tehran	494,524
1118. <i>L. iranica</i> Ram.	—	Khorasan,Tehran,Gorgan	525
1119. <i>Medecticus assimilis</i> (Fieb.) Syn.: <i>Decticus syriacus</i> Fieb.	Sugar-beet, wheat,barley and other cereals	East Azarbaijan,Kermanshah,Khuzestan,Lorestan, Kordestan,Fars,Tehran	57,252,342,461,501,525
1120. <i>Metrioptera iranica</i> Ram.	—	East Azarbaijan,Tehran	501,525
1121. <i>M. persica</i> Uv.	—	Tehran	524,525
1122. <i>Nephoptera dezfouliani</i> n. sp.	—	Kordestan	532
1123. <i>N. tibialis</i> Uv.	—	Balouchestan	525
1124. <i>Orthocercodes nesterovi</i> Uv.	—	Kordestan	525
1125. <i>O. zarudnyi</i> Uv.	—	South-eastern provinces	525
1126. <i>Phaneroptera cretacea</i> Uv.	—	Tehran,Balouchestan,Mazandaran,Fars	524,525
1127. <i>P. falcata</i> (Poda) Syn.: <i>Phaneroptera falcatus</i> Poda, <i>P. sinensis</i> Uv.	—	East Azarbaijan,Mazandaran,Gorgan	121,150,240,342,494,524,525
1128. <i>P. quadripunctata</i> Brun.	—	Balouchestan,Fars	342,525
1129. <i>P. roseata</i> Walk.	—	Balouchestan	525
1130. <i>Phytodrymadusa</i> (= <i>Paradrymadusa</i> ) <i>boquilloni</i> (Uv.)	—	Tehran	525
1131. <i>P.</i> (= <i>Paradrymadusa</i> ) <i>humeralis</i> (Uv.)	—	West Azarbaijan	525
1132. <i>P.</i> (= <i>Paradrymadusa</i> ) <i>kurda</i> (Uv.)	—	Kordestan	525
1133. <i>P.</i> (= <i>Paradrymadusa</i> ) <i>miramae</i> (Uv.)	—	East Azarbaijan	525
1134. <i>P.</i> (= <i>Paradrymadusa</i> ) <i>rammei</i> (Uv.)	—	South-western provinces	525
1135. <i>P.</i> (= <i>Paradrymadusa</i> ) <i>siazovi</i> (Uv.)	—	East Azarbaijan,Tehran,Fars	121,342,501,524,525
1136. <i>Platycleis</i> (= <i>Metrioptera</i> ) <i>affinis</i> (Fieb.) Syn.: <i>Platycleis boscae</i> Bol.	Wheat,barley,tobacco,melon and other summer crops	Fars,Tehran,Caspian Sea area and central provinces	57,69,150,252,342,525
1137. <i>P.</i> (= <i>Metrioptera</i> ) <i>capitata</i> (Uv.)	—	Northern provinces	525
1138. <i>P. escalerae iranica</i> (Ram.)	Wheat, barley,melon,bean and sometimes on fig and other fruit trees	Generally distributed	121,129,252,525
1139. <i>P.</i> (= <i>Metrioptera</i> ) <i>intermedia</i> (Serv.) Syn.: <i>Decticus krinicki</i> F.-W., <i>D. intermedius</i> Serv.	Wheat, barley,tobacco,lucerne and other cereals and pasture crops	Fars,Kermanshah,Ilam and northern provinces	57,150,252,342,494,525

Scientific name	Host	Distribution	Reference no.
1140. <i>Platyceis intermedia mesopotamica</i> Ram.	—	Fars	342
1141. <i>P. (= Tessellana) tessellana</i> (Charp.) Syn.: <i>Locusta tessellata</i> Charp., <i>Platyceis tessellata</i> Chop.	—	"	150,342
1142. <i>P. (= Metrioptera) vittata</i> B. - Bien.	—	Hamadan	525
1143. <i>P. (= Metrioptera) vittata vittata</i> Ch. Syn.: <i>Tessellana vittata</i> , <i>Metrioptera vittata</i>	Wheat,barley,cotton,tobacco and other crops	Northern provinces	252,525
1144. <i>Pseudaneroa (=Phaneroptera) persica</i> (Uv.)	—	Balouchestan,Hormozgan	525
1145. <i>P. (= Phaneroptera) robusta</i> B. - Bien.	—	Lorestan	525
1146. <i>Psorodonotus venosus</i> F. - W.	—	Gilan	524,525
1147. <i>Scotodrymadusa gediose</i> B. - Bien.	—	Fars	342
1148. <i>S. persa</i> Uv.	—	Tehran,Balouchestan	525
1149. <i>Tettigonia (= Phasgoneura) caudata</i> Charp.	Tobacco,sesame,cotton,pea,sugar-beet,corn, wheat,barley,clover,flax, bean,lucerne and sometimes on apple, pear and summer crops	Generally distributed	25,57,69,240,245, 252,342,461,494, 501,525,754
1150. <i>T. (=Locusta) viridissima</i> (L.) Syn.: <i>Tettigonia paloi intermedia</i> Jan., <i>T. trinacria</i> Jan.	Tobacco,sesame,cotton,pea,sugar-beet,corn, wheat,barley,clover,flax, bean,lucerne and sometimes on apple,pear,summer crops and other cereals and Leguminosae family plants	" "	6,57,69,121,129, 150,240,245,252, 342,461,494,525, 754
1151. <i>Trigonocorypha angustata</i> Uv.	—	Balouchestan,Hormozgan	525
1152. <i>Tylopsis (= Locusta) liliifolia</i> (F.) Syn.: <i>Locusta thymifolia</i> Pet., <i>Tylopsis gracilis</i> Germ.	Tobacco	Kordestan	150,252,494,525
1153. <i>Uvarovistia (= Pholidoptera) angustae</i> (Fieb.)	Some field crops and fruit trees and sometimes on grapevine	Gilan,Esfahan,Markazi,Tehran	129,252,524,525
1154. <i>U. bakhtiara</i>	—	In Iran	344
1155. <i>U. iraka</i>	—	" "	344
1156. <i>U. (= Pholidoptera) satunini</i> (Uv.)	Potato,pea,lucerne,corn,sugar-beet, beet,bean and sometimes on grapevine and other fruit trees,cereals and summer crops	Tehran	25, 57, 69, 252, 344,461,525
1157. <i>U. (= Pholidoptera) zebra</i> (Uv.)	Field and garden crops , pasture plants and also milk vetch, artemisia, bromus, soap-root and prickly thrift	Tehran, Zanjan	93,344,440,525

Scientific name	Host	Distribution	Reference no.
1158. <i>Zagrosiella moralesi</i> n. sp.	—	Lorestan, Kordestan, Fars	530

## FAMILY TRIDACTYLIDAE

Scientific name	Host	Distribution	Reference no.
1159. <i>Pridactylus</i> (= <i>Tridactylus japonicus</i> Hann.	—	Fars and other southern and western provinces	342,525
1160. <i>P. savignyi</i> Guer.	—	East Azarbaijan	525
1161. <i>P. variegatus</i> Latr.	—	Azarbaijan	525

## ORDER BLATTARIA (=Dictyoptera)

## FAMILY BLATTELLIDAE

Scientific name	Host	Distribution	Reference no.
1162. <i>Balta ramifera</i> Walk.	—	Balouchestan	528
1163. <i>Blattella</i> (= <i>Blatta</i> ) <i>germanica</i> (L.)	—	Generally distributed	240,252,342,513, 528,764,775,778,786
1164. <i>Supella longipalpa</i> F.	Flour	Tehran, East Azarbaijan	528,786
1165. <i>Symploce persica</i> B. - Bien.	—	Hormozgan, Balouchestan	528
1166. <i>S. zarudniana</i> B. - Bien.	—	Hormozgan, Balouchestan, Fars	342,528

## FAMILY BLATTIDAE

Scientific name	Host	Distribution	Reference no.
1167. <i>Blatta gussakovskii</i> B.-Bien.	—	Hormozgan	528
1168. <i>B. lateralis</i> Walk.	Many kinds of food	Hormozgan, East Azarbaijan, Balouchestan, Kerman, Kermanshah, Fars, Tehran, Markazi, Mazandaran and most other areas	528,786
1169. <i>B.</i> (= <i>Stylophaga</i> ) <i>orientalis</i> (L.)	Different kinds of starchy and sugary materials, fat	Generally distributed	240,252,528,775,778,786
1170. <i>Periplaneta</i> (= <i>Blatta</i> ) <i>americana</i> (L.)	Bread, cover of book, paper and germinating plants	" "	150,240,342,528,764,775,778,786
1171. <i>P.</i> (= <i>Blatta</i> ) <i>australasiae</i> (F.)	" " " " " "	Southern provinces	150,252,528,778,786
1172. <i>Schelfordella</i> (= <i>Periplaneta</i> ) <i>tartara</i> (Sauss.)	Many kinds of food	Tehran, Fars	240,252,342

## FAMILY ECTOBIIDAE

Scientific name	Host	Distribution	Reference no.
1173. <i>Phyllodromica persa</i> B. - Bien.	—	Gilan	528
1174. <i>P. polita</i> Krauss.	—	Gorgan	528



## FAMILY EMPUSIDAE

Scientific name	Host	Distribution	Reference no.
1175. <i>Empusa uvarovi</i> Chop.	—	Fars	342

## FAMILY MANTIDAE

Scientific name	Host	Distribution	Reference no.
1176. <i>Blepharopsis mendica</i> F.	—	Fars	342
1177. <i>Bolivaria brachyptera</i> Pall.	—	"	342
1178. <i>Mantis religiosa</i> L.	Predator of <i>Sesamia nonagrioides</i> and different other insects	Generally distributed	15,252,481
1179. <i>Rivstina excellens</i> Beier.	—	Fars	342

## FAMILY POLYPHAGIDAE

Scientific name	Host	Distribution	Reference no.
1180. <i>Arenivaga latifrons</i>	—	Boushehr, Khuzestan	528
1181. <i>A. (= Heterogamia) livida</i> Brun.	—	East Azarbaijan	528
1182. <i>A. (=Heterogamodes) longipes</i> Chop.	—	Fars, Tehran, Semnan and other northern provinces	528
1183. <i>A. (=Heterogamia) marismortui</i> Jan.	—	Fars and probably Kermanshah, West Azarbaijan, Khuzestan and Lorestan	528
1184. <i>A. (= Heterogamia) persica</i> Chop.	—	Khorasan, Zanjan, Tehran, Markazi, Balouchestan	528
1185. <i>A. (= Heterogamia) roseni</i> Brancs.	—	Khuzestan, Esfahan, Markazi, Tehran, Balouchestan, Semnan	528
1186. <i>A. (= Polyphaga) subhyalina</i> Chop.	—	Zanjan, Fars	528
1187. <i>Leiopteroblatta monodi</i> Chop.	—	Dasht -E- Lut	528
1188. <i>Polyphaga (= Blatta) aegyptiaca</i> (L.)	Many kinds of food	West Azarbaijan, Kermanshah, Tehran, Lorestan, Boushehr, Khuzestan, Fars, Khorasan and other northern and southern provinces	240,252,342,528,786
1189. <i>P. indica</i> Walk. Syn.: <i>Polyphaga pellucida</i>	—	East Azarbaijan, Khorasan, Mazandaran, Gorgan, Tehran, Balouchestan, Kerman, Fars, Khuzestan, Esfahan	528
1190. <i>P. (= Heterogamia) saussurei</i> Doh.	Many kinds of food	Khorasan, Balouchestan, Fars, Hormozgan, Tehran	252,528,786
1191. <i>Tivia inconspicua</i> B.-Bien	—	Balouchestan, Hormozgan	528

## ORDER ISOPTERA

## FAMILY HODOTERMITIDAE (= Protermitidae)

Scientific name	Host	Distribution	Reference no.
1192. <i>Anacanthotermes ahngerianus</i> (Jac.)	Sometimes woody materials	Eastern regions of Caspian Sea area	786

Scientific name	Host	Distribution	Reference no.
1193. <i>Anacanthotermes baeckmannianus</i> (Vasil.)	Sometimes woody materials	Eastern regions of Caspian Sea area	786
1194. <i>A. murgabicus</i> (Vasil.)	" " "	" " " " " "	786
1195. <i>A. ochraceus</i> (Burm.)	Woody materials	Balouchestan	275
1196. <i>A. turkestanicus</i> (Jac.)	Sometimes woody materials	Eastern regions of Caspian Sea area	614,786
1197. <i>A. ubachi</i> Nav.	—	Khorasan, Semnan	275,495
1198. <i>A. (=Hodotermes) vagans septentrionalis</i> (Jac.)	Cotton, sesame, sugar-cane, date-palm, grapevine, poplar, eucalyptus, dried wood and railroad ties	Tehran, Hamadan, Markazi, Khuzestan and other southern and northern provinces	6,129, 252, 273, 286,614,754,778, 786

## FAMILY KALOTERMITIDAE

Scientific name	Host	Distribution	Reference no.
1199. <i>Cryptotermes</i> sp. nr. <i>karachiensis</i> (Akht.)	—	South-western provinces	879/1
1200. <i>Kalotermes</i> sp.	Poplar	Northern provinces	6,129

## FAMILY RHINOTERMITIDAE

Scientific name	Host	Distribution	Reference no.
1201. <i>Heterotermes wittmeri</i> Ch. - B.	Mudar	Balouchestan	275
1202. <i>Psammotermes hybostoma</i> Desn.	Fan-palm and dried eucalyptus	"	275
1203. <i>Reticulitermes lucifugus</i> Rossi	—	In Iran	495
1204. <i>R. clypeatus</i> Lash.	Different trees	North-western provinces	786

## FAMILY TERMITIDAE

Scientific name	Host	Distribution	Reference no.
1205. <i>Amitermes ? belli</i> (Desn.)	—	South-western provinces	879/1
1206. <i>A. corpulentus</i> Al.	Oak	Ilam, Tehran	275
1207. <i>A. messinae</i> Full.	—	Tehran	314
1208. <i>A. minimus</i> Light.	Oak	Fars	6,129
1209. <i>A.</i> sp. nr. <i>stephensoni</i> Harr.	Date-palm, pomegranate, lime tree	Blouchestan, Hormozgan	314
1210. <i>A. vilis</i> (Hag.)	Cotton, sugar-cane, rice, wheat, sesame, poplar, eucalyptus and construction timbers	Tehran, Khuzestan, Gorgan and other southern and northern provinces	6,129, 240, 252, 273,286,314,332, 614,754,786
1211. <i>Microcerotermes buettikeri</i> Ch. - B.	—	Fars, Boushehr, Hormozgan	316
1212. <i>M. diversus</i> Silv.	Date-palm, fan-palm, citrus, grapevine, pomegranate, peach, sugar-beet, poplar, cotton	Khuzestan, Balouchestan, Fars, Persian Gulf ports and most other date-palm planting areas	6,128, 129, 238, 240,273,309,315, 316,331,332,351, 786

Scientific name	Host	Distribution	Reference no.
1213. <i>Microcerotermes gabrielis</i> Weid.	Different plants and woody materials	Western and north-western provinces	315,316,786
1214. <i>M. sp. nr. pakistanicus</i> (Akht.)	—	South-western provinces	879/1
1215. <i>Microtermes sp. nr. unicolor</i> (Synd.)	—	South-western provinces	897/1
1216. <i>M. sp. prob. najdensis</i> Harr.	Mudar	Balouchestan	275

**ORDER DERMAPTERA**  
**FAMILY FORFICULIDAE**

Scientific name	Host	Distribution	Reference no.
1217. <i>Anechura asiatica</i> Germ.	Sugar-beet	Fars, Khorasan, Kerman	342,461
1218. <i>A. asiatica asiatica</i> Sem.	Lettuce, corn, wheat, sugar - beet, tobacco, sunflower, cabbage, cucumber, melon, water - melon, squash, potato, tomato, carnation, apple, pear, peach, plum, pomegranate and other plants	Khorasan, Kerman	240,252,786
1219. <i>Forficula auricularia</i> L.	Lettuce, corn, wheat, sugar - beet, tobacco sunflower, cabbage, cucumber, melon, water-melon, squash, potato, tomato, carnation, apple, pear, peach, plum, pomegranate, sloe tree, wild pear and other plants and also predator of <i>Laspeyresia pomonella</i>	Generally distributed	6,69,129,240,252,461,663,722,786,850
1220. <i>F. lucasi</i> Dohrn.	—	Fars	342
1221. <i>F. lurida</i> (Fisch.)	Lettuce, corn, wheat, sugar - beet, tobacco, melon, water - melon, sunflower, cabbage, cucumber, squash, tomato, potato, carnation, apple, pear, peach, pomegranate, plum, wild pear and other plants	Kerman, Kermanshah, Khuzestan	6,69,129,240,252,461,786
1222. <i>F. tomis</i> (Kol.)	" " " " "	Kermanshah, Tehran, Khorasan, Azarbaijan, Gilan and other northern provinces	6,129,252,461,786

**FAMILY LABIDURIDAE**

Scientific name	Host	Distribution	Reference no.
1223. <i>Anisolabis (= Forficesila) annulipes</i> (Lucas)	—	Fars	342
1224. <i>Labidura (=Forficula) riparia</i> (Pall.)	Lettuce, corn, wheat, sugar-beet, tobacco, melon, water-melon, sunflower, cabbage, cucumber, squash, tomato, potato, carnation, apple, pear, peach, plum, pomegranate and other plants	Caspian Sea area, Tehran	240,252,786

**ORDER PSOCOPTERA**  
**FAMILY LIPOSCELIDAE**

Scientific name	Host	Distribution	Reference no.
1225. <i>Liposcelis divinatorius</i> Mull.	Flour, seeds of kanaf, maize and cereals	West Azarbaijan, Khuzestan, Gilan, Tehran	786

**ORDER MALLOPHAGA**  
**FAMILY MENOPONIDAE**

Scientific name	Host	Distribution	Reference no.
1226. <i>Colpocephalum turbinatum</i> Den. Syn.: <i>Colpocephalum longicaudum</i> Nitz.	Parasite of pigeon	In Iran	681
1227. <i>Grilicola porcelli</i> L. Syn.: <i>Grilicola caviae</i> Schr.	Parasite of guinea pig	" "	681
1228. <i>Gyropus ovalis</i> Nitz.	Parasite of guinea pig	" "	681
1229. <i>Menacanthus</i> (= <i>Menopon</i> ) <i>stramineus</i> (Nitz.) Syn.: <i>Menopon biseratum</i> Piag.	Parasite of hen, turkey and other birds	" "	681
1230. <i>Menopon</i> (= <i>Pediculus</i> ) <i>galinae</i> (L.)	Parasite of hen, duck and other birds	" "	71,681
1231. <i>M. pallidulum</i> Neum.	Parasite of fowls especially chicken	" "	71,681
1232. <i>Trinoton anserinum</i> Nitz. Syn.: <i>Trinoton anseris</i>	Parasite of duck, amadou and other birds	" "	71,681

**FAMILY PHILOPTERIDAE**

Scientific name	Host	Distribution	Reference no.
1233. <i>Anaticola</i> (= <i>Esthiopterum</i> ) <i>anseris</i> (L.)	Parasite of duck and other birds	In Iran	71,681
1234. <i>A.</i> (= <i>Esthiopterum</i> ) <i>cassicornis</i> (Scop.)	Parasite of duck	" "	681
1235. <i>Chelopistes</i> (= <i>Goniodes</i> ) <i>meleagridis</i> (L.)	Parasite of turkey and other birds	" "	71,495,681
1236. <i>Coclotogaster</i> (= <i>Lipeurus</i> ) <i>heterographus</i> (Nitz.)	Parasite of hen, duck and other birds	" "	71,681
1237. <i>Columbicola columbae</i> L.	Parasite of birds	" "	71
1238. <i>Goniocotes bidentatus</i> Scop. Syn.: <i>Goniocotes compar</i> Nitz.	" " "	" "	71,681
1239. <i>G. gallinae</i> Deg. Syn.: <i>Goniocotes hologaster</i> Nitz.	Parasite of hen and turkey	" "	71,495,681
1240. <i>Goniodes dissimilis</i> Nitz.	Parasite of hen and other birds	" "	71,681
1241. <i>G.</i> (= <i>Goniocotes</i> ) <i>gigas</i> (Tasch.)	Parasite of birds	" "	71,495

Scientific name	Host	Distribution	Reference no.
1242. <i>Lipeurus caponis</i> L.	Parasite of fowls, chicken and other birds	In Iran	71,681
1243. <i>Philopterus dentatus</i> Scop.	Parasite of turkey	" "	681

#### FAMILY TRICHODECTIDAE

Scientific name	Host	Distribution	Reference no.
1244. <i>Damalinea (=Bovicola) bovis</i> (L.)	Parasite of cattle	In Iran	71,681
1245. <i>D. (= Bovicola) caprae</i> (Gur.)	Parasite of sheep and goat	" "	71,681
1246. <i>D. (= Bovicola) limbata</i> (Gerv.)	" " " " "	" "	71,681
1247. <i>D. (= Bovicola) ovis</i> (L.)	" " " " "	" "	71,681
1248. <i>Trichodectes canis</i> Deg. Syn.: <i>Trichodectes latus</i> Nitz.	Parasite of dog and cat	" "	71,681
1249. <i>T. melis</i>	Parasite of badger	" "	681

#### ORDER SIPHUNCULATA (= Anoplura)

##### FAMILY HAEMATOPINIDAE

Scientific name	Host	Distribution	Reference no.
1250. <i>Haematopinus asini</i> L.	Parasite of horse, mule and ass	In Iran	71,681
1251. <i>H. (=Pediculus) eurysternus</i> (Nitz.)	Parasite of cattle	" "	71,681
1252. <i>H. (= Pediculus) suis</i> (L.)	Parasite of swine	" "	71,681
1253. <i>H. tuberculatus</i> Burm. Syn.: <i>Pediculus bufali europoei</i> Latr.	Parasite of cattle	" "	71,681

##### FAMILY HOPLOPLEURIDAE

Scientific name	Host	Distribution	Reference no.
1254. <i>Polyplax (=Pediculus) spinulosa</i> Burm.	Parasite of rats	In Iran	681

##### FAMILY LINOGNATHIDAE

Scientific name	Host	Distribution	Reference no.
1255. <i>Linognathus (=Haematopinus) ovillus</i> (Neum.)	Parasite of sheep and goat	In Iran	71,681
1256. <i>L. (= Haematopinus) pedalis</i> (Obs.)	" " " " "	Khuzestan	71,681
1257. <i>L. setosus</i> Olf.	Parasite of dog and cat	In Iran	71
1258. <i>L. stenopsis</i> Burm.	Parasite of sheep and goat	" "	71,681

Scientific name	Host	Distribution	Reference no.
1259. <i>Linognathus</i> (= <i>Pediculus</i> ) <i>vituli</i> (L.)	Parasite of cattle	In Iran	1,681

**ORDER THYSANOPTERA**  
**FAMILY AEOLOTHRIPIDAE**

Scientific name	Host	Distribution	Reference no.
1260. <i>Aeolothrips albicinctus</i> Hal.	—	In Iran	496
1261. <i>A. collaris</i> Pries.	—	Gorgan	496,572
1262. <i>A. ericae</i> Bag.	—	In Iran	496,571
1263. <i>A. fasciatus</i> L.	—	" "	496,571
1264. <i>A. intermedius</i> Bag. Syn.: <i>Aeolothrips fasciata</i> var. <i>adusta</i> Uzel	—	Tehran, Mazandaran, Gorgan	496,572
1265. <i>A. propinquus</i> Bag.	—	In Iran	496
1266. <i>A. tenuicornis</i> Bag.	—	Tehran	496,572
1267. <i>Caliothrips impurus</i>	Lentil	Tehran, Zanjan	572
1268. <i>Melanthrips fuscus</i> Sulz.	—	Gorgan	496,572
1269. <i>M. pallidior</i> Pries.	—	Tehran, Gorgan	496,572

**FAMILY PHLAETHRIPIDAE**

Scientific name	Host	Distribution	Reference no.
1270. <i>Cephalothrips monilicornis</i> (Reut.)	On field crops, garden plants and weeds	Khorasan	51
1271. <i>Haplothrips angusticornis</i> Pries.	—	In Iran	496
1272. <i>H. apicalis</i> (Bag.)	On field crops, garden plants and weeds	Khorasan	51
1273. <i>H. bolacophilus</i> Pries.	—	In Iran	496
1274. <i>H. distinguendus</i> (Uzel)	—	" "	571
1275. <i>H. flavicinctus</i> Karny	On field crops, garden plants and weeds	Khorasan	51
1276. <i>H. ganglbauri</i> Schm.	—	In Iran	571
1277. <i>H. globiceps</i> (Bag.)	—	" "	571
1278. <i>H. inopitatus</i> (Pries.)	—	" "	571
1279. <i>H. kermanensis</i>	—	Kerman	572
1280. <i>H. kurdjomovi</i> Karny	Predator of other thrips and mites and collected on field crops, gar- den plants and weeds	Khorasan	51
1281. <i>H. niger</i> (Osh.)	On field crops, garden plants and weeds	"	51

Scientific name	Host	Distribution	Reference no.
1282. <i>Haplothrips reuteri</i> Karny Syn.: <i>Haplothrips satanas</i> Bag., <i>H. tenuisetosus</i> Bag.	—	Zanjan	496,572
1283. <i>H. tritici</i> Kurd. Syn.: <i>Haplothrips paluster</i> Pries.	Wheat, barley, rye and especially those produced by dryland farming and sometimes on tobacco	Azarbajjan, Tehran, Kermanshah, Esfahan, Semnan, Chahar Mahal, Kerman, Khuzestan, Yazd and other central provinces	21,69, 127, 240, 252,496,527,889
1284. <i>Hoplandrothrips bidens</i>	—	Tehran, Markazi	572
1285. <i>Liophloeothrips hungaricus</i> Pries.	—	In Iran	571
1286. <i>Liothrips jakhontovi</i> Kreuz.	Pistachio	Kerman, Khorasan, Zanjan	69,128,129,252, 496,572
1287. <i>L. reuteri</i> Bag.	Tamarisk	Kerman	6,117,129,572
1288. <i>Neohegeria dalmatica</i> Schm.	—	In Iran	496
1289. <i>N. persica</i> Pries.	—	" "	496,571
1290. <i>Phlaeothrips oryzae</i>	Rice	Mazandaran	572

#### FAMILY THIRIPIDAE

Scientific name	Host	Distribution	Reference no.
1291. <i>Anaphothrips obscurus</i> (Mull.)	On field crops, garden plants and weeds	Khorasan	51
1292. <i>A. sudanensis</i> Tryb.	" " " " " "	"	51
1293. <i>Aptinothrips elegans</i> Pries.	" " " " " "	"	51
1294. <i>A. rufus</i> Goeze Syn.: <i>Aptinothrips nitidula</i> Hal., <i>Uzeliella lubbocki</i> Bag.	—	Tehran	496,572
1295. <i>A. stylifer</i> Tryb.	—	In Iran	571
1296. <i>Ascirtothrips arya</i>	—	Tehran	572
1297. <i>A. taghizadehi</i>	—	"	572
1298. <i>Baliothrips graminum</i> Uzel	—	In Iran	496
1299. <i>Ceratothrips discolor</i> Kar.	—	Tehran	572
1300. <i>C. (=Taeniothrips) frici</i> (Uzel)	Tung, citrus, tea	Mazandaran	60,128,195,240, 252,496,572
1301. <i>Chaetanaphothrips</i> sp.	Wheat, barley, potato, lettuce, clover, flax, lucerne	Northern provinces	238
1302. <i>Chirothrips manicatus</i> Hal.	On field crops, garden plants and weeds	Khorasan	51
1303. <i>Ch. meridionalis</i> Bag.	—	In Iran	496,571
1304. <i>Ch. molestus</i> Pries.	—	" "	496

Scientific name	Host	Distribution	Reference no.
1305. <i>Dendrothrips degeeri</i> Uzel	On field crops, garden plants and weeds	Khorasan	51
1306. <i>D. phyllireae</i> Bag.	—	In Iran	496
1307. <i>D. saltator</i> Uzel	On field crops, garden plants and weeds	Khorasan	51
1308. <i>Drepanothrips reuteri</i> Uzel Syn.: <i>Thrips betulicola</i> Reut., <i>Drepanothrips viticola</i> Moks.	Grapevine	Zanjan	238,496
1309. <i>Frankliniella cephalica</i> Crow.	Citrus	Northern provinces	238
1310. <i>F. intonsa</i> Tryb. Syn.: <i>Phyapus ater</i> Deg . , <i>Thrips vulgatissima</i> Hal.	Wheat,barley,flax, potato, lucerne, clover, lettuce	Generally distributed	69,252,496,572
1311. <i>F. pallida</i> Uzel	On field crops, garden plants and weeds	Khorasan	51
1312. <i>F. schultzei</i> Tryb. Syn.: <i>Frankliniella dampfi</i> Pries.	Cotton	Azarbaijan, Khorasan, Gorgan , Khu-zestan, Markazi	252,572
1313. <i>F. tenuicornis</i> Uzel	On field crops, garden plants and weeds	Khorasan	51,496
1314. <i>Heliothrips haemorrhoidalis</i> Bouche Syn.: <i>Thrips adonidum</i> Hal., <i>Heliothrips semiaurens</i> Gir.	Tobacco	In Iran	69,252,496,572
1315. <i>Hercinothrips femoralis</i> Reut.	—	" "	496
1316. <i>Kakothrips robustus</i> (Uzel)	—	Khorasan	496,571
1317. <i>Limothrips angulicornis</i> Jab.	On field crops, garden plants and weeds	"	51
1318. <i>L. cerealium</i> Hal.	—	In Iran	496
1319. —	—	—	—
1320. <i>Neohydatothrips tadzhicus</i> (Pel.)	On field crops, garden plants and weeds	Khorasan	51
1321. <i>Odontothrips confusus</i> Pries.	—	Tehran	572
1322. <i>O. phaleratus</i> Hal.	—	In Iran	496
1323. <i>O. phlomidinus</i> Pries.	—	" "	496
1324. <i>O. uzeli</i> Bag.	—	" "	496
1325. <i>Oxythrips ulmifoliorum</i> Hal.	—	" "	496
1326. <i>O. wiltshirei</i> Pries.	—	" "	496
1327. <i>Parafrankliniella verbasci</i> Pries.	On field crops, garden plants and weeds	Khorasan	51



Scientific name	Host	Distribution	Reference no.
1328. <i>Scirtothrips citri</i> (Moul.)	Citrus	Southern citrus planting areas	238
1329. <i>Scolothrips latipennis</i> Pries.	Predator of Tetranychidae family species and collected on field crops, garden plants and weeds	Khorasan	51
1330. <i>S. longicornis</i> Pries.	" " " "	"	51,496,571
1331. <i>S. sexmaculatus</i> (Perg.)	Predator of Tetranychidae family species	Khuzestan	806
1332. <i>Sericothrips</i> (= <i>Neohydathrips</i> ) <i>gracilicornis</i> (Will.)	—	Tehran	496,572
1333. <i>Taeniothrips atratus</i> Hal. Syn.: <i>Ceratothrips britteni</i> Bag., <i>Physothrips annulatus</i> Karny	—	"	496,572
1334. <i>T. federovi</i> Pries.	—	In Iran	496
1335. <i>T. hispanicus</i> Bag.	—	" "	496
1336. <i>T.</i> (= <i>Physothrips</i> ) <i>inconsequens</i> (Uzel) Syn.: <i>Euthrips pyri</i> Dan., <i>Physothrips alpinus</i> Karny	—	Tehran	112,496,572,889
1337. <i>T. meridionalis</i> Pries.	—	Tehran, Gorgan	496,572
1338. <i>T. pallidivestis</i> Pries.	—	In Iran	496
1339. <i>T. persimilis</i> Pries.	—	Zanjan	496,572
1340. <i>T. simplex</i> Mor.	Gladiola	In Iran	240
1341. <i>Thrips angusticeps</i> Uzel Syn.: <i>Achaelothrips loboptera</i> Karny, <i>Bagnalia aremus</i> Will.	—	" "	496
1342. <i>T. dubius</i> Pries.	—	" "	571
1343. <i>T. flavus</i> Schr. Syn.: <i>Thrips urticae</i> F., <i>T. melanopa</i> Schr.	Cotton	Khorasan, Semnan, Tehran	25,69, 127, 196, 240,252,496,571, 889
1344. <i>T. iranicus</i> Yakh.	Pistachio	Khorasan, Kerman, Esfahan, Zanjan, Markazi, Tehran	6,128, 129, 238, 252,496,572,839
1345. <i>T. major</i> Uzel	—	Tehran	496,572
1346. <i>T. mareoticus</i> Pries.	—	Markazi	572
1347. <i>T. nigropilosus</i> Uzel	On field crops, garden plants and weeds	Khorasan	51
1348. <i>T. physapus</i> L.	—	Tehran	496,572
1349. <i>T. pillichii</i> Pries.	On field crops, garden plants and weeds	Khorasan	51,571
1350. <i>T. pistaciae</i> Yakh.	Pistachio	Khorasan, Kerman, Esfahan, Zanjan, Markazi,	6,128,129,240, 252,496,572

Scientific name	Host	Distribution	Reference no.
1351. <i>Thrips tabaci</i> Lind. Syn.: <i>Thrips ochraceus</i> Rur., <i>T. solanaceorum</i> Widg.	Tobacco, cotton, lucerne, cabbage, sugar-beet, flax, couliflower, kanaf, potato, onion, melon, water-melon, cucumber, castor - bean, egg plant, garden plants, cherry, apple, pear, peach, cerasus, wild pear	Generally distributed	6,25,69,129, 176, 240,252,277,348, 461,496,572,754, 788,889
1352. <i>T. trehernei</i> Pries.	—	In Iran	571

**ORDER HETEROPTERA**  
**FAMILY ACANTHOSOMATIDAE**

Scientific name	Host	Distribution	Reference no.
1353. <i>Acanthosoma haemorrhoidalis</i> L.	Teil, beech, oak, snowball	Caspian Sea area, Ardabil	6,8,252,749
1354. <i>Elasmucha eckerleini</i> Jos.	—	Gilan	749

**FAMILY ALYDIDAE**

Scientific name	Host	Distribution	Reference no.
1355. <i>Camptopus lateralis</i> Germ. Syn.: <i>Alydus annulatus</i> Brulle	Lucerne, tamarisk and weeds	Balouchestan, Tehran, Markazi, Fars, Khuzestan, Khorasan, Ardabil	117,252,495, 544/1
1356. <i>C. tragacantha</i> Kol.	Weeds	Khorasan	544
1357. <i>Riptortus linearis</i> F.	"	"	544

**FAMILY ANTHOCORIDAE**

Scientific name	Host	Distribution	Reference no.
1358. <i>Anthocoris gallarum ulmi</i> (Deg.)	Predator of <i>Eriosoma lanuginosum</i> and <i>Forda</i> spp.	In Iran	252
1359. <i>A. minki</i> Dohrn.	Predator and collected on weeds	East Azarbaijan	543
1360. <i>A. minki</i> var. <i>pistaciae</i> Wag.	Predator of <i>Asiphonella cynodonti</i> and <i>Forda</i> spp.	Balouchestan, Kerman	238,252
1361. <i>A. nemoralis</i> F.	Predator of aphids and <i>Psylla pyricola</i>	Fars, Esfahan, Tehran, Markazi	80,665
1362. <i>A. nemorum</i> L.	Predator of <i>Psylla pyricola</i> , <i>Anthonomus pomorum</i> , <i>Euzophera bigella</i> , <i>Hyponomeuta malinellus</i> , <i>Panonychus ulmi</i> and aphids	West Azarbaijan, Fars, Esfahan, Yazd, Tehran, Markazi, Hamadan, Zanjan, Kordestan, Kermanshah, Semnan	80,588,590,663, 665,769
1363. <i>A. persicus</i> Wag.	Predator of <i>Asiphonella cynodonti</i> and <i>Eriosoma lanuginosum</i>	Fars, Kerman	238,252
1364. <i>Lycocoris campestris</i> (F.)	Predator of Lepidoptera and Coleoptera larvae	Khuzestan	786
1365. <i>Orius albidipennis</i> Reut.	Predator of <i>Bemisia tabaci</i> and aphids	Esfahan, Fars	52,348
1366. <i>O. hervathi</i> Reut.	Predator of <i>Asiphonella cynodonti</i>	Fars, Kerman	238,252

Scientific name	Host	Distribution	Reference no.
1367. <i>Orius minutus</i> L.	Predator of <i>Panonychus ulmi</i> and aphids	West Azarbaijan, Fars, Esfahan, Khorasan, Semnan, Tehran, Markazi, Hamadan, Kordestan, Kermanshab	80,588,590,665,769
1368. <i>O. niger</i> Wolff.	Predator of small insects, <i>Panonychus ulmi</i> and other mites and collected on sainfoin, lucerne and potato	East and West Azarbaijan, Esfahan	348,590,599

#### FAMILY BELOSTOMATIDAE (=Belostomidae)

Scientific name	Host	Distribution	Reference no.
1369. <i>Lethocerus cordofana</i> Mayr.	—	Khuzestan, Hormozgan, Kerman, Balouchestan	741

#### FAMILY BERYTIDAE

Scientific name	Host	Distribution	Reference no.
1370. <i>Neides afghanus</i> (Seid.)	Near of water	Khorasan	544

#### FAMILY CIMICIDAE (=Acanthiidae)

Scientific name	Host	Distribution	Reference no.
1371. <i>Cimex lectularius</i> L.	Parasite of human	Generally distributed	240,745

#### FAMILY COREIDAE

Scientific name	Host	Distribution	Reference no.
1372. <i>Arenocoris intermedius</i> (Jak.)	Lucerne	Ardabil	544/1
1373. <i>Centrocoris spiniger</i> (F.)	Weeds	Khorasan, Ardabil	544,544/1
1374. <i>C. variegatus</i> Klt.	Wild Gramineae	East Azarbaijan	543
1375. <i>C. volxemi</i> Put.	Pine and weeds	East Azarbaijan, Khorasan, Ardabil	122,544,544/1
1376. <i>Ceraleptus obtusus</i> (Brulle)	—	Khorasan	544
1377. <i>Coreus</i> (= <i>Syromastus</i> ) <i>margi-natus</i> (L.) Syn.: <i>Cimex auriculatus</i> Deg.	Cirsium and other weeds	East Azarbaijan, Khorasan, Ardabil	495,543,544
1378. <i>Coriomeris scabricornis</i> Pz.	Sainfoin	East Azarbaijan	543
1379. <i>C. vitticollis</i> Rt.	On ground	Khorasan	544
1380. <i>Dicranomerus</i> sp.	—	East Azarbaijan	122
1381. <i>Enoplops disciger</i> (Klt.)	On wheat	" "	543
1382. <i>Gonocerus acuteangulatus</i> (Gz.)	Oak, barberry, roses, dog - rose and wild Gramineae	Fars, Gorgan, East Azarbaijan, Khorasan and other northern provinces	6,129,252,340,495,543,544
1383. <i>Omanocoris variabilis</i> (Dall.)	Cotton	Balouchestan, Fars	240,252
1384. <i>O. versicolor</i> (H. - S.)	Lucerne	Khorasan	544
1385. <i>Phyllomorpha lacerata</i> (H.-S.)	On ground	"	544

Scientific name	Host	Distribution	Reference no.
1386. <i>Phyllomorpha laciniata</i> Vill.	—	East Azarbaijan	122
1387. <i>Spathocera dalmanni</i> (Schill.)	Sorrel	Khorasan	544
1388. <i>Syromastus rhombeus</i> L.	—	East Azarbaijan, Khorasan	122,544

## FAMILY CYDNIDAE

Scientific name	Host	Distribution	Reference no.
1389. <i>Aethus flavicornis</i> (F.)	—	Khuzestan	734
1390. <i>A. pilosus</i> (H. - S.)	—	Balouchestan	734
1391. <i>A. rugosus</i> (Jak.)	Weeds	Khorasan	544
1392. <i>Amaurocoris curtus</i> Brulle	On ground	Balouchestan, Khorasan	544,734
1393. <i>Cydnus aterrimus</i> (Fst.)	Lucerne	East Azarbaijan, Balouchestan, Kerman, Tehran, Zanjan, Fars, Gorgan, Khorasan	122,543,544,734
1394. <i>Geotomus brunnipennis</i> Wgn.	On lucerne	Khorasan, Ardabil	544,554/1
1395. <i>G. caucasicus cilatifylus</i> Sig.	—	In Iran	734
1396. <i>Macroscyrtus brunneus</i> (F.)	—	Balouchestan, Khorasan	544,734
1397. <i>Ochetostethus nanus</i> (H.-S.)	On ground	Khorasan	544
1398. <i>O. opacus</i> (Schul.)	On lucerne	Ardabil	544/1
1399. <i>Sehirus coeruleus</i> (Reut.)	—	Tehran	734
1400. <i>S. congenes</i> Jak.	on weeds	East Azarbaijan	543
1401. <i>S. dubius</i> (Scop.)	—	In Iran	734
1402. <i>S. dubius</i> var. <i>melanoptera</i> (H. - S.)	—	Tehran	734
1403. <i>S. marginatus</i> (Sign.)	On ground	Khorasan	544
1404. <i>S. melanopterus</i> H. - S.	Weeds	Ardabil	544/1
1405. <i>S. morio</i> L.	On weeds	East Azarbaijan	543
1406. <i>Tritomegas sexmaculatus</i> Ramb.	On ground	Khorasan	544

## FAMILY HEBRIDAE (= Naeogaecidae)

Scientific name	Host	Distribution	Reference no.
1407. <i>Hebrus pusillus</i> Fall.	—	Gilan	744

## FAMILY HYDROMETRIDAE (= Limnobatidae)

Scientific name	Host	Distribution	Reference no.
1408. <i>Hydrometra stagnorum</i> L.	—	Gorgan	740

## FAMILY LYGAEIDAE

Scientific name	Host	Distribution	Reference no.
1409. <i>Aphanus</i> (= <i>Pachymerus</i> ) <i>rolandri</i> L.	Pine	East Azarbaijan, Khorasan, Ardabil	122,544,544/1
1410. <i>Artheneis alutacea</i> F.	Tamarisk	Kerman	6,117,129
1411. <i>Auchenocrepis alboscuteolata</i> F.	"	Kerman, Balouchestan, Fars	6,117,129
1412. <i>Beosus quadripunctatus</i> Mull.	Lucerne and on weeds and pine	East Azarbaijan, Khorasan, Ardabil	122,543,544
1413. <i>Bleteogonus beckeri</i> (F. - G.)	On weeds	Khorasan	544
1414. <i>B. circumcinctus</i> Rt.	" "	"	544
1415. <i>Caenocoris nerii</i> (Germ.)	Oleander, elm	Balouchestan, Khorasan	6,129,252,544, 544/1
1416. <i>Dieuches armipes</i> (F.)	On weeds	Khorasan	544
1417. <i>Diomphalus hispidulus</i> Fb.	" "	"	544
1418. <i>Drymus sylvaticus</i> F.	" "	East Azarbaijan	542
1419. <i>Emblethis brachynotus</i> Hory	" "	East Azarbaijan, Khorasan	543,544
1420. <i>E. griseus</i> (W.)	Sainfoin, weeds	Khorasan, Ardabil	544,544/1
1421. <i>E. karamanus</i> Seid.	On weeds	Khorasan	544
1422. <i>E. pallens</i> (Reut.)	" "	East Azarbaijan	543
1423. <i>Engistus exanguis</i> Stal	Tamarisk	Kerman	117,129,252
1424. <i>Geocoris</i> (= <i>Piocoris</i> ) <i>arenarius</i> Jak.	On weeds	Khorasan, Ardabil	544,544/1
1425. <i>G.</i> (= <i>Piocoris</i> ) <i>luridus</i> Fieb.	Predator of <i>Pseudococcus citri</i> and <i>Phenacoccus aceris</i> and collected on tamarisk	Hamadan, Semnan, Kordestan, Esfa- han, Lorestan, Yazd, Khueztan, Fara, Markazi, Tehran, Kerman, Khorasan, Caspian Sea area	6,117,129,252, 544,665
1426. <i>G.</i> (= <i>Piocoris</i> ) <i>megacephalus</i> R.	On weeds	Khorasan	544
1427. <i>G.</i> (= <i>Piocoris</i> ) <i>megacephalus</i> <i>siculus</i> (Fieb.)	Predator of <i>Bemisia tabaci</i>	Fars	52
1428. <i>G. Pallidipennis</i> Costa	Predator and collected on lucerne	Esfahan	348
1429. <i>Heterogaster urticae</i> F.	—	East Azarbaijan	122
1430. <i>Hyalocoris pilicornis</i> Jak.	On weeds	Khorasan	544
1431. <i>Lamprodema maurum</i> F.	" "	"	544
1432. <i>Leptodemus minutus</i> Jak.	Pistachio, white poplar	Kerman, Khorasan	6,129,544
1433. <i>Lygaeosoma reticulatum</i> (H.-S.)	Lucerne, hordeum	Ardabil	544/1
1434. <i>Lygaeus equestris</i> L.	On weeds, lucerne and plum	East Azarbaijan, Khorasan, Esfahan	122,348,543,544
1435. <i>L. familiaris</i> F. Syn.: <i>Lygaeus venustus</i> H.-S.	—	East Azarbaijan	543,648

Scientific name	Host	Distribution	Reference no.
1436. <i>Lygaeus militaris</i> F.	On sainfoin	East Azarbaijan	543
1437. <i>L. (= Spilostethus) pandurus</i> (Scop.) Syn.: <i>Cimex civilis</i> F.	White mulberry, pistachio, tamarisk, sunflower, lucerne, grapevine, sainfoin	East Azarbaijan, Esfahan, Khorasan, Ardabil, Balouchestan, Semnan, Kerman, Tehran, Boushehr and other southern provinces	6,69,117,122,129,252,348,495,544,544/1,760
1438. <i>L. punctato - guttatus</i> F.	—	East Azarbaijan	543
1439. <i>L. saxatilis</i> Scop.	On ground	East Azarbaijan, Khorasan	122,544
1440. <i>Megalonotus sabulicola</i> Thoms.	Weeds	Ardabil	544/1
1441. <i>Melanocoryphus superbus</i> F.	—	East Azarbaijan	122
1442. <i>Nysius cymoides</i> Spin.	Poplar, sainfoin, potato	Khorasan, Ardabil	544,544/1
1443. <i>N. ericae</i> (Schill.)	Lucerne	Esfahan	348
1444. <i>N. graminicola</i> Klt.	On sainfoin and Umbelliferae family plants	East Azarbaijan, Khorasan	543,544
1445. <i>N. senecionis</i> (Schill.)	—	East Azarbaijan	543
1446. <i>Oxycarenus hyalinipennis</i> Costa Syn.: <i>Oxycarenus leucopterus</i> Fieb.	Cotton, okra, hollyhock	Balouchestan, Hormozgan, Fars, Kerman, Khorasan, Tehran, Caspian Sea area	22,69, 127, 196, 240,252,495,754
1447. <i>O. pallens</i> H. - S.	Safflower, common thistle	Tehran, Khorasan	127,544
1448. <i>Paranysius fallaciosus</i> Pt.	Tamarisk	Kerman	6,117,129
1449. <i>Peritrechus angusticollis</i> (R. - Sb.)	Weeds	Ardabil	544/1
1450. <i>P. gracilicornis</i> Pt.	Lucerne, weeds	Khorasan, Ardabil	544,544/1
1451. <i>P. rhomboidalis</i> Pt.	" "	" "	544,544/1
1452. <i>Rhyparochromus alboacuminatus</i> (Gz.)	On weeds	East Azarbaijan, Khorasan	543,544
1453. <i>R. immaculata</i> Ry.	On cereals	East Azarbaijan	543
1454. <i>R. inarimensis</i> (C.)	On pine and weeds	Khorasan, Ardabil	544,544/1
1455. <i>R. phoeniceus</i> R.	On weeds	East Azarbaijan	543
1456. <i>R. reuteri</i> (Hv.)	Verbascum, sainfoin	Khorasan, Ardabil	544,544/1
1457. <i>Spilostethus rubriceps</i> Hv.	On weeds	Khorasan	544

## FAMILY MIRIDAE (= Capsidae)

Scientific name	Host	Distribution	Reference no.
1458. <i>Adelphocoris lineolatus</i> Gz. Syn.: <i>Cimex albinus</i> Geoff.	Sugar-beet, cotton, lucerne, tamarisk, sainfoin	Generally distributed	6, 117, 122, 129, 240,252,277,321,348,388,543,544/1,754
1459. <i>A. lineolatus binotata</i> (Hahn)	Lucerne, clover, lupine, vetch, sugar-beet, cotton	Semnan, Tehran, Khorasan	252,461

Scientific name	Host	Distribution	Reference no.
1460. <i>Adelphocoris vandalicus</i> Rossi	Tamarisk	Generally distributed	117,252
1461. <i>Aphaenophyes richteri</i> (Wagn.)	"	" "	6,117,129
1462. <i>Atractotomus mali</i> M. - D.	Predator of <i>Panonychus ulmi</i>	West Azarbaijan	544
1463. <i>Blepharidopterus angulatus</i> (Fall.)	" " " "	" "	544
1464. <i>Calocoris angularis</i> Fb.	Hedge nettle	Ardabil	544/1
1465. <i>C. norvegicus</i> Gm. Syn.: <i>Cimex bipunctatus</i> F.	Lucerne and other forage plants	Tehran	252
1466. <i>Comphylomma acaciae</i>	Soybean	Khuzestan	482
1467. <i>C. diversicornis</i> Reut.	Predator of aphids and mites and collected on cotton, castor-bean, melon, water-melon, sesame and garden crops	Generally distributed	240,252,754
1468. <i>C. verbasci</i> M. D.	Soybean and also predator of <i>Psylla pyricola</i> and <i>Panonychus ulmi</i>	Khuzestan, West Azarbaijan	482,590,665
1469. <i>Cryptopeltis tenuis</i> Roc.	—	In Iran	69
1470. <i>Deraeocoris lutescens</i> Schill.	Oak, teil, willow, alder, hawthorn and also predator of <i>Phyllomorcyter corylifoliella</i> and <i>Ph. blancardella</i>	Khorasan, Semnan, Markazi	69,129,240,252,665
1471. <i>D. pallens</i> Schill.	Predator of aphids and collected on lucerne	Tehran	117,321,557
1472. <i>D. punctulatus</i> Fn.	Predator of <i>Bemisia tabaci</i> and collected on lucerne, cotton and malus	Fars, Esfahan, Ardabil	52,252,348,544/1
1473. <i>D. punctulatus</i> form <i>extensa</i> Such.	Lucerne, cotton, cucumber	Khorasan, Tehran, Semnan	252,286
1474. <i>D. serenus</i> Dgl. - Sc.	Tamarisk, lucerne, sainfoin	Generally distributed	6,117,129,543
1475. <i>Dicyphus</i> sp.	Sainfoin	Ardabil	544/1
1476. <i>Eurystylus bellevoeyi</i> (Rt.)	Tamarisk	Kerman	117
1477. <i>Exaeretus meyeri</i> F. - G.	Tamarisk	Generally distributed	6,117,129
1478. <i>Lygus</i> (= <i>Exolygus</i> ) <i>pratensis</i> (L.) Syn.: <i>Cimex umbellatarum</i> Scop.	Lucerne, cotton, kanaf, sugar-beet, potato, sunflower, tamarisk, sainfoin	" "	6,117, 129, 252, 277,321,461,543
1479. <i>L.</i> (= <i>Exolygus</i> ) <i>rubricatus</i> Fall.	Juniper, pine, cypress tree	In Iran	129,252,648
1480. <i>L.</i> (= <i>Exolygus</i> ) <i>rugulipennis</i> Pop. Syn.: <i>Lygaeus campestris</i> Fall.	Potato, lucerne	East Azarbaijan, Hamadan	454,543
1481. <i>Malacocoris chlorizans</i> (Pz.)	Predator of <i>Panonychus ulmi</i>	West Azarbaijan	590

Scientific name	Host	Distribution	Reference no.
1482. <i>Maurodactylus albidus</i> (Klt.)	Tamarisk	In Iran	117
1483. <i>Miris persicus</i> Jak.	Predator of aphids and mites and collected on white-thorn and fruit trees	Northern provinces	129,252,665
1484. <i>Notostira elongata</i> (G.)	Weeds	East Azarbaijan	543
1485. <i>N. erratica</i> L.	Lucerne, wheat	East Azarbaijan, Ardabil	122,544/1
1486. <i>Oncotylus setulosus</i> (H. - S.)	Tamarisk	Generally distributed	6,117,129
1487. <i>Orthops campestris</i> (L.)	Lucerne	Ardabil	544/1
1488. <i>Orthotylus marginalis</i> Reut.	Apple and other fruit trees and also predator of aphids, <i>Panonychus ulmi</i> and other mites	Fars, Esfahan, Yazd, West Azarbaijan	80,590,665
1489. <i>Polymerus vulneratus</i> Pz.	Sainfoin, weeds and probably lucerne	East Azarbaijan	543
1490. <i>Psallus ambiguus</i> (Fall.)	Predator of <i>Panonychus ulmi</i>	West Azarbaijan	590
1491. <i>Pseudoloxops</i> sp.	Predator of <i>Eutetranychus hirsti</i> and collected on fig	Tehran	751
1492. <i>Stenodema lunaticum</i>	—	East Azarbaijan	122
1493. <i>S. turanicum</i> Rt.	Tamarisk	Balouchestan, Markazi, Kerman	117,129
1494. <i>Strongylocoris leucocephalus</i> (L.)	Sainfoin	Ardabil	544/1
1495. <i>Thermocoris discolor</i>	—	East Azarbaijan	122
1496. <i>Tuponia conspersa</i> Rt.	Tamarisk	Southern provinces	6,117
1497. <i>T. eckerleini orientalis</i> Wag.	"	" "	6,117,129
1498. <i>T. elegans</i> (Jak.)	"	" "	6,117,129,252
1499. <i>Zanchius breviceps</i> (Wag.)	Fig	Markazi	602

## FAMILY NABIDAE

Scientific name	Host	Distribution	Reference no.
1500. <i>Aspilaspis viridis</i> Brulle	Predator and collected on tamarisk	Kerman, Markazi	117
1501. <i>Himacerus mirmicoides</i> (O. - C.)	Predator and collected on sainfoin	East Azarbaijan	543
1502. <i>Nabis capsiformis</i> Germ.	Predator of aphids	East Azarbaijan, Tehran, Markazi and most other provinces	122,321,665
1503. <i>N. palifer</i> (Seid.)	Predator of <i>Bemisia tabaci</i>	Fars	52
1504. <i>N. pseudoferus</i> Rm.	Predator and collected on sainfoin and lucerne	East Azarbaijan	495,543



## FAMILY NAUCORIDAE

Scientific name	Host	Distribution	Reference no.
1505. <i>Naucoris cimicoides</i> L.	Predator of aquatic insects and snails	Gilan	747

## FAMILY NEPIDAE

Scientific name	Host	Distribution	Reference no.
1506. <i>Laccotrephes fabricii fabricii</i> Stal	—	Fars, Kerman, Balouchestan	748
1507. <i>L. griseus</i> Guer.	—	Mazandaran, Kerman	748
1508. <i>Ranatra linearis</i> (L.)	—	Khuzestan, Gilan	748

## FAMILY NOTONECTIDAE

Scientific name	Host	Distribution	Reference no.
1509. <i>Notonecta glauca</i> var. <i>marmorea</i> F.	—	East Azarbaijan	122

## FAMILY OCHTERIDAE (= Pelogonidae)

Scientific name	Host	Distribution	Reference no.
1510. <i>Ochterus marginatus</i> Latr.	—	Balouchestan, Hormozgan, Fars	117,742

## FAMILY PENTATOMIDAE

Scientific name	Host	Distribution	Reference no.
1511. <i>Acrosternum breviceps</i> Jak.	Pine and weeds	Khorasan, Ardabil	495,544,544/1
1512. <i>A. heegeri</i> (M. - R.)	Pistachio, seidlitzia, bean caper, harmel, saltwort, poplar	Generally distributed	6,129, 495, 543, 544,734,760
1513. <i>A. millieri</i> M. - R.	Pistachio, seidlitzia, bean caper, harmel, saltwort	" "	6,69,129,238,240,734,760
1514. <i>Aelia acuminata</i> (L.)	Wheat, barley and wild Gramineae	Azarbaijan, Tehran, Kermanshah, Esfahan, Fars, Lorestan, Khorasan, Mazandaran and other northern and western provinces	60,69, 127, 142, 240,252,495,541, 543,544,734,737, 887,889
1515. <i>A. furcula</i> Fieb.	Wheat, barley, poa, brome chess, <i>Helichrysum oligocephalum</i> , <i>Agropyron caespitosum</i> , <i>Heterantheium pitiferum</i> , <i>Bromus tectorum</i> var. <i>hirsutus</i> , <i>Hordeum spontaneum</i> and <i>Eremopyrum bonapartii</i> var. <i>sublanuginosum</i>	Azarbaijan, Kermanshah, Tehran, Khorasan, Fars, Esfahan, Markazi, Hamadan, Zanzan, Lorestan, Mazandaran, Gorgan	60,69, 122, 127, 142,240,252,286, 495,541,666,677, 678,734,737,889
1516. <i>A. melanota</i> Fieb.	Wheat and also on tamarisk	East Azarbaijan, Markazi, Tehran, Mazandaran, Khorasan, Balouchestan	117,495,541,543, 544,737,889
1517. <i>A. rostrata</i> Boh.	Wheat, barley and wild Gramineae	Balouchestan, Zanzan, Tehran, Khorasan, Esfahan, Azarbaijan and other western provinces	60,69, 122, 127, 240,495,541,543, 544,734,737,889

Scientific name	Host	Distribution	Reference no.
1518. <i>Aelia virgata</i> Klug	Wheat, barley and wild Gramineae	Kermanshah, Balouchestan, Fars, Lorestan, Markazi, Hamadan, Zanjan, Khorasan and other northern provinces	60, 69, 127, 240, 252, 286, 541, 544, 734, 737, 889
1519. <i>Agatharchus linea</i> Klug	—	In Iran	734
1520. <i>A. montanus</i> (Jak.)	—	Tehran	734
1521. <i>A. tritaenia</i> (Horv.)	—	Lorestan	734
1522. <i>Alloeoglypta pretiosa</i> Kir.	On weeds	Khorasan	544
1523. <i>Anchesmus rubriplaga</i> (Walk.)	—	Balouchestan, Fars	117
1524. <i>Andrallus spinidens</i> (F.)	Predator of <i>Chilo suppressalis</i> and collected on weeds	Khuzestan, Mazandaran, Khorasan	544, 712, 734, 739
1525. <i>Apodiphus amygdali</i> Germ.	Almond, apricot, poplar, oriental plane, pistachio, tamarisk, oak, tung	East Azarbaijan, Fars, Tehran, Markazi, Kerman, Hormozgan, Semnan, Balouchestan, Esfahan, Khorasan	6, 69, 99, 117, 122, 129, 142, 240, 252, 495, 543, 544, 734, 737, 760
1526. <i>A. integriceps</i> Horv.	Poplar, white mulberry, russian olive	Kerman, Kermanshah, Tehran, Khorasan	99, 129, 252, 544, 734
1527. <i>A. panderus</i>	—	Southern provinces	238
1528. <i>Arma insperata</i> Horv.	—	In Iran	739
1529. <i>Aspongopus viduatus</i> (F.)	Melon and other truck crops	Khuzestan, Balouchestan and forests of northern and north-western provinces	69, 252, 734, 739
1530. <i>Bagrada</i> (= <i>Nitilia</i> ) <i>abeillei</i> (Horv.)	—	In Iran	734
1531. <i>B.</i> (= <i>Nitilia</i> ) <i>concinna</i> var. <i>biramosa</i> (Horv.)	—	" "	734
1532. <i>B. picta</i> (F.) Syn.: <i>Bagrada hilaris</i> Burm.	Crucifereae family plants	Kermanshah	495, 734
1533. <i>Brachynema cinctum</i> (H. - S.)	On weeds	Khorasan	544
1534. <i>B. cinctum</i> var. <i>fevatum</i> Horv.	—	Balouchestan	734
1535. <i>B. germari</i> Klt. Syn.: <i>Cimex virens</i> Klug	Pistachio, seidlitzia, saltwort, harmel, bean caper, sugar-beet, wheat	Tehran, Kerman, Khorasan and southern provinces	6, 69, 129, 238, 240, 461, 495, 543, 760
1536. <i>B. segetum</i> Jak.	Pistachio, seidlitzia, saltwort, harmel, bean caper	Kerman and southern provinces	238, 760
1537. <i>B. signatum</i> Jak.	Pistachio	Kerman	6, 129
1538. <i>B. virens</i> var. <i>alternatum</i> Horv.	—	Balouchestan	734
1539. <i>Carenoplistus acutus</i> (Sign.)	Limon	Tehran, Balouchestan, Kerman	252, 734
1540. <i>Carpocoris coreanus</i> Dist. (= <i>iranus</i> Tam.)	Wheat	East Azarbaijan, Khorasan	543, 544

Scientific name	Host	Distribution	Reference no.
1541. <i>Carpocoris fuscispinus</i> Boh.	Lucerne, lupine, wheat, hordeum, sugar-beet, poplar and other plants	East Azarbaijan, Mazandaran, Zanjan, Tehran, Markazi, Esfahan, Khorasan, Lorestan, Ardabil	69, 99, 122, 127, 142, 252, 277, 461, 508, 544/1, 734, 889
1542. <i>C. lunula</i> F. Syn.: <i>Carpocoris varia</i> F.	Cereals	East Azarbaijan	122, 543, 648
1543. <i>C. (= Antheminea) lunulatus</i> (Gz.)	—	Khorasan, Tehran	277, 734
1544. <i>C. mediterraneus</i> Tam.	Cereals, cirsium	Ardabil	544/1
1545. <i>C. pudicus</i> (Poda)	Wheat	Mazandaran, Gorgan, Tehran, Semnan, Khorasan	544, 734
1546. <i>C. purpureipennis</i> (De G.)	Verbascum	Khorasan	544, 889
1547. <i>C. (= Antheminea) pusio</i> (Kol.)	Different forest trees	Tehran	734
1548. <i>Chroantha ornatula</i> (H. - S.)	Sugar-beet	Khorasan, Tehran, Markazi, Balouchestan, Kerman, Fars, Hormozgan, East Azarbaijan, Semnan	69, 122, 240, 252, 461, 544, 734, 754
1549. <i>Codophila lunulata</i> (Gz.)	Umbelliferae family plants	Khorasan	544
1550. <i>C. maculicollis</i> (Dal.)	—	Balouchestan, Khuzestan, Fars	734
1551. <i>C. varia</i> (F.)	Lucerne, sesame, roses, tamarisk, female, cornel, legumes and Elaeagnaceae family plants	East Azarbaijan, Khorasan, Tehran	6, 117, 122, 129, 252, 277, 544, 734
1552. <i>Dalpada eremica</i> Hob.	Limon	Balouchestan, Hormozgan, Fars, Kerman	254
1553. <i>Dolycoris acuminata</i> L.	Cereals	Northern and western provinces	127, 737
1554. <i>D. baccarum</i> L.	Turnip, cirsium and also on barley, lucerne, clover, broad bean and poplar	Azarbaijan, Esfahan, Tehran, Khorasan, Fars	99, 142, 252, 286, 495, 543, 544, 734, 735, 889
1555. <i>D. penicillatus</i> (Horv.)	Wheat, barley, tomato, lucerne, lupine, sunflower and weeds	Balouchestan, Kermanshah, Fars, Chahar Mahal, Esfahan, Yazd, Tehran, Markazi, Khorasan, Ardabil	69, 127, 240, 252, 544, 544/1, 734, 737
1556. <i>Eurydema festivum</i> L.	—	In Iran	25
1557. <i>E. (= Horvatheurydema) fieberi</i> var. <i>caucasicum</i> (Jak.)	Cabbage, turnip, colza, mustard, radish and other cultivated and wild Crucifereae family plants	" "	252, 734
1558. <i>E. maracandica</i> (Osh.)	" " " " "	Esfahan, Kermanshah, Fars	252
1559. <i>E. ornatum</i> L. Syn.: <i>Cimex festivum</i> L.	Cabbage, turnip, colza, mustard, wheat, radish and other cultivated and wild Crucifereae family plants	Azarbaijan, Caspian Sea area, Gorgan, Kerman, Fars, Khorasan, Tehran	25, 69, 122, 252, 277, 543, 544, 734
1560. <i>E. ornatum</i> form <i>pictella</i> Kk.	Elm	Khorasan	544
1561. <i>E. ornatum</i> var. <i>pictum</i> (H. - S.)	Cabbage, turnip, colza, mustard, radish and other cultivated and wild Crucifereae family plants	In Iran	252, 734
1562. <i>E. putoni</i> Jak.	On broad bean	East Azarbaijan, Khorasan	122, 543, 544

Scientific name	Host	Distribution	Reference no.
1563. <i>Eurydema putoni</i> var. <i>coloratum</i> (Jak.)	Cabbage, turnip, colza, mustard, radish and other cultivated and wild Crucifereae family plants	In Iran	252,734
1564. <i>E. spectabilis</i> Horv.	" " " " "	Northern provinces	252
1565. <i>E. ventrale</i> Kit. Syn.: <i>Eurydema ornata</i> L.	Cabbage, turnip, colza, mustard, radish and other cultivated and wild Crucifereae family plants and also on lucerne	East Azarbaijan	252,286,495,543
1566. <i>Eysarcoris ventralis</i> (Ww.) (= <i>inconspicuus</i> H. - S.)	Tamarisk, grapevine	Markazi, Khorasan	117,495,544
1567. <i>Gnephosa flavomarginata</i> Jak.	—	West Azarbaijan, Kermanshah, Balouchestan, Tehran, Kerman, Fars, Bsfahan	734
1568. <i>Halys persa</i> Berg.	—	Khorasan	544
1569. <i>Holcostethus congenitus</i> Puch.	On weeds	Khorasan	544
1570. <i>H. sphacelatus</i> F.	Turnip	West Azarbaijan	252
1571. <i>H. strictus</i> (F.)	Turnip, wheat, cirsium and other weeds	Kerman, Khorasan, Ardabil	544,544/1,734
1572. <i>H. vernalis</i> Wolff.	—	Tehran	734
1573. <i>Jalla dumosa</i> (L.)	—	In Iran	734,739
1574. <i>Mecidea pallida</i> (Stal)	Rice	Balouchestan, Kerman, Fars, Hormozgan, Kohkilouye	69,252,734
1575. <i>Menaccarus arenicola</i> (Schol.)	—	In Iran	734
1576. <i>M. sp. nr. divaricatus</i> (Targ.)	On weeds	Khorasan	544
1577. <i>Mustha gigantea</i> Horv.	—	Balouchestan, Fars	734
1578. <i>M. incana</i> Stal	—	Balouchestan, Semnan, Tehran	734
1579. <i>M. morgani</i> Horv.	—	Ilam	734
1580. <i>M. spinosula</i> Lefeb.	Different forest trees	Mazandaran, Gorgan, Semnan, Fars	129,252,495,734
1580/1. <i>Neottiglossa irana</i>	—	East Azarbaijan	122
1581. <i>N. leporina</i> (H. - S.)	On weeds	Khorasan	544
1582. <i>Nezara viridula</i> L. Syn.: <i>Nezara smaragdula</i> F., <i>N. prasina</i>	Cotton, castor-bean, tobacco, cucumber, melon, water-melon, citrus, pistachio, white mulberry, soybean, lucerne	Khorasan, Mazandaran, Gorgan, Kerman, Fars, Khuzestan, Zanzan and probably other areas	22,25, 127, 129, 196,238,240,252, 482,544,648,734, 754
1583. <i>N. viridula</i> var. <i>smaragdula</i> (F.)	Citrus, cotton, castor-bean, tobacco, melon, water-melon, cucumber, white mulberry, tomato	Gilan, Mazandaran, Gorgan	238,252,734
1584. <i>N. viridula</i> var. <i>torquata</i> (F.)	Cotton, castor-bean, tobacco, cucumber, tomato, melon, water-melon, white, mulberry, citrus	Khuzestan, Mazandaran, Gorgan	252,734
1585. <i>Palomena mursili</i> Lv.	Black cumin and weeds	Khorasan, Ardabil	544,544/1

Scientific name	Host	Distribution	Reference no.
1586. <i>Palomena prasina</i> (L.)	—	In Iran	495
1587. <i>Pantilius tunicatus</i> F. Syn.: <i>Cimex gothicus</i> Geoff.	—	" "	495
1588. <i>Pausias martini</i> F.	Oak and on weeds	Fars, Khorasan, Ardabil	6,129, 495, 544, 544/1
1589. <i>Pentatoma juniperina</i> L.	—	East Azarbaijan	543
1590. <i>Phyllococephala albicornis</i> Horv.	—	Hormozgan	734,739
1591. <i>Picromerus conformis</i> (H.-S.)	Predator of <i>Ocneria dispar</i>	In Iran	663
1592. <i>Piezodorus lituratus</i> F. Syn.: <i>Cimex incarnatus</i> Germ.	Lucerne, sainfoin	Khorasan, Ardabil	495,544,544/1, 734
1593. <i>P. martini</i> Put.	Female cornel,Almond,apricot and other fruit trees	East Azarbaijan,Semnan,Fars,Chahar Mahal,Tehran,Zanjan,Kerman,Esfah- an and other central provinces	6,122,129,252, 734
1594. <i>P. pallescens</i> (Gm.)	On sainfoin	East Azarbaijan	543
1595. <i>P. rubrofasciatus</i> (F.)	—	Balouchestan	734
1596. <i>Podops dohrnianus</i> (M. - R.)	Astragale	Khorasan	544
1597. <i>Pseudomatocoris ignitus</i> Kit.	—	Kermanshab	734
1598. <i>Rhaphigaster breviceps</i> Hu.	Apple	Khorasan	544
1599. <i>Rh. grisous</i> F.	Apple	East Azarbaijan	543
1600. <i>Rh. nebulosa</i> Poda.	Poplar,oriental plane,elm, apple	East Azarbaijan,Lorestan,Tehran,Za- njan, Ardabil and southern provinces	6, 99, 122, 129, 252 , 466, 543, 544/1,734
1601. <i>Rhombocoris regularis</i> (H.-S.)	—	East Azarbaijan	734
1602. <i>Risibia christophi</i> Jak.	—	Tehran	734
1603. <i>R. obscura</i> (Jak.)	Tamarisk	Tehran,Fars	734
1604. <i>Schizops aegyptiaca</i> (Lefeb.)	—	Balouchestan	734,739
1605. <i>Sciocoris cursitans</i> (F.)	Cereals	East Azarbaijan	543
1606. <i>S. luteolus</i> Fieb.	Hordeum	Ardabil	544/1
1607. <i>S. microphthalmus</i> (Fl.)	—	East Azarbaijan	543
1608. <i>S. ogivus</i> Jak.	Milk vetch	Khorasan	544
1609. <i>S. sulcatus</i> F.	Cereals	Ardabil	544/1
1610. <i>S. umbrinus</i> (Wolff.)	—	In Iran	734
1611. <i>Stagonomus amoenus</i> (Brulle)	Lucerne	East Azarbaijan , Tehran , Gorgan , Khorasan	544,734
1612. <i>Staria lunata</i> (Hahn)	—	In Iran	734
1613. <i>Stollia inconspicua</i> (H. - S.)	—	East Azarbaijan,Khorasan,Balouchest- an,Tehran,Fars,Mazandaran,Gorgan	122,734

Scientific name	Host	Distribution	Reference no.
1614. <i>Tarisa fraudatrix</i> Horv.	—	East Azarbaijan	734
1615. <i>Zicrona caerulea</i> (L.)	—	East Azarbaijan, Esfahan, Fars	122, 734, 739

## FAMILY PYRRHOCORIDAE

Scientific name	Host	Distribution	Reference no.
1616. <i>Pyrrhocoris apterus</i> L.	Teil, common mallow, pine	East Azarbaijan, Khorasan, Tehran, Khuzestan, Fars, Gilan, Gorgan, Ardabil	25, 122, 129, 170, 252, 543, 544, 544/1, 746
1617. <i>P. marginatus</i> (Klt.)	—	East Azarbaijan	746
1618. <i>Scanthius aegyptius</i> (L.)	—	East Azarbaijan, Mazandaran, Gorgan, Tehran, Fars	543, 746
1619. <i>S. forsteric</i> (L.)	—	Hormozgan, Boushehr, Kerman, Baluchestan, Khorasan, Markazi, Kohkilouye	746

## FAMILY REDUVIIDAE

Scientific name	Host	Distribution	Reference no.
1620. <i>Coranus aegyptius</i> F. Syn.: <i>Coranus griseus</i> Rossi	—	East Azarbaijan	122, 648
1621. <i>Nagusta goedeli</i> Klt.	—	" "	122
1622. <i>Pirates hybridus</i> (Scop.)	—	" "	122
1623. <i>Platymeris laevicollis</i>	—	Southern date-palm planting areas	128
1624. <i>Reduvius jakoleffi</i> Rt.	—	East Azarbaijan	122
1625. <i>R. personatus</i> L.	Predator and collected on weeds	" "	543
1626. <i>R. testaceus</i> (H. - S.)	" " " " "	East Azarbaijan, Ardabil	122, 544/1
1627. <i>Rhinocoris nigripes</i>	Predator and collected on poplar	Tehran	99
1628. <i>Rh.</i> sp.	—	East Azarbaijan	122

## FAMILY RHOPALIDAE(= Corizidae)

Scientific name	Host	Distribution	Reference no.
1629. <i>Brachycarenum tigrinus</i> Schiff.	Lucerne, sainfoin, wheat, hordeum, black cumin and pine	East Azarbaijan, Khorasan, Ardabil	543, 544, 544/1
1630. <i>Chorosoma schillingi</i> (Sch.)	On weeds	Khorasan	544
1631. <i>Corizus errans</i> F.	On barley	East Azarbaijan	543
1632. <i>C. fenestella</i> (Hu.)	On weeds	Khorasan	544
1633. <i>C. (= Therapha) hyosyami</i> (L.)	Tobacco, lucerne and also on wheat	East Azarbaijan, Mazandaran, Tehran, Khorasan, Esfahan, Semnan	69, 122, 240, 252, 348, 543, 544
1634. <i>Liorhyssus hyalinus</i> (F.)	Hollyhock, lucerne, potato, cereals	Khorasan, Ardabil	544, 544/1
1635. <i>Maccevethus caucasicus</i> Klt.	Hordeum and weeds	" "	544, 544/1

Scientific name	Host	Distribution	Reference no.
1636. <i>Maccevetthus</i> sp.	—	East Azarbaijan	122
1637. <i>Rhopalus parumpunctatus</i> Schl.	Wheat and weeds	" "	543
1638. <i>Stictopleurus abutilon</i> (Rossi)	Cereals and weeds	East Azarbaijan, Khorasan	543,544

### FAMILY SALDIDAE

Scientific name	Host	Distribution	Reference no.
1639. <i>Leptopus hispanus</i> Ramb.	—	In Iran	743
1640. <i>Patapius spinosus</i> Rossi	—	Tehran	743

### FAMILY SCUTELLERIDAE

Scientific name	Host	Distribution	Reference no.
1641. <i>Ancyrosoma leucogrammes</i> Gm. Syn.: <i>Cimex albolineatus</i> F.	Cereals	Tehran, Ardabil	495,544/1,734
1642. <i>Ellipsocoris tamerlani</i> Kir.	—	Tehran	734
1643. <i>E. trilineatus</i> Mayr	—	Tehran, Markazi, Kermanshah, Hamadan	734
1644. <i>Eurygaster integriceps</i> Put.	Wheat, barley, milk vetch, blue-grass, brome chess, bulbous, barley, hordeum, aegilops, intermediate wheatgrass, brome grass, mitre cress, persian candle, mountain rye, <i>Agropyron caespitosum</i> , <i>A. libanoticum</i> , <i>A. pectiniform</i> , <i>Atrichophorum</i> , <i>Helichrysum oligocephalum</i> , <i>Hypocoum pendulum</i> , <i>Boissiera squarrosa</i> , <i>Bromus lanceolatus</i> , <i>B. tectorum</i> var. <i>hirsutus</i> , <i>B. tectorum</i> var. <i>tectorum</i> , <i>B. tomentellus</i> , <i>Secale montanum</i> , <i>Silene arguta</i> , <i>Eremopyrum bonapartis</i> var. <i>sublanuginosum</i> , <i>E. distans</i> , <i>Heteranthelium pitiferum</i> , <i>Hordeum glaucum</i> , <i>H. spontaneum</i> , <i>Stipa hohenackeriana</i> , <i>Taeniatherum crinitum</i>	Generally distributed	12,59,69,122,127, 142,171,240,252, 261,277,297,298, 334,356,401,449, 495,499,508,543, 544, 544/1, 617, 665/1, 666, 677, 678,696,734,735, 737,861,884,887, 889
1645. <i>E. integriceps</i> var. <i>nigra</i> Reut.	Wheat, barley and wild cereals	Generally distributed	122,252,543,544, 734
1646. <i>E. maurus</i> L.	Wheat, barley	Azarbaijan, Mazandaran, Gorgan	122,240,252,495, 552,553,734,737, 889
1647. <i>E. testudinaria</i> Geoffr.	Wheat	Mazandaran	552
1648. <i>Graphosoma consimile</i> Horv.	—	Fars	734
1649. <i>G. italicum</i> (Mull.)	Umbelliferae family plants	East Azarbaijan, Balouchestan, Tehran, Khorasan	122,252,734
1650. <i>G. lineatum</i> (L.) Syn.: <i>Cimex italicum</i> Mull.	Smoke tree, fennel, tawny-fruited chervil and other Umbelliferae family plants	East Azarbaijan, Khorasan, Tehran	79,495,543,544, 889
1651. <i>G. melanoxanthum</i> Horv.	—	Kerman	734

Scientific name	Host	Distribution	Reference no.
1652. <i>Graphosoma semilineata</i> F.	—	East Azarbaijan	122
1653. <i>G. semipunctatum</i> (F.)	—	In Iran	734
1654. <i>G. semipunctatum</i> var. <i>confucta</i> Hob.	—	Tehran, Markazi, Fars	734
1655. <i>G. semipunctatum</i> var. <i>pallida</i> Berg.	—	Zanjan	734
1656. <i>G. semipunctatum</i> var. <i>persicum</i> Ferr.	—	In Iran	734
1657. <i>G. semipunctatum</i> var. <i>unceps</i> (Horv.)	Umbelliferae family plants	Khorasan	544
1658. <i>Irochrotus lanatus</i> (Pall.)	—	Kermanshah, Tehran	734
1659. —	—	—	—
1660. <i>Odontotarsiellus esfandiarii</i> Hob.	—	Fars, Balouchestan	734
1661. <i>Odontotarsus impictus</i> Jak.	Weeds	Tehran, Khorasan	543,734
1662. <i>O. impictus</i> var. <i>mendex</i> Horv.	—	Markazi	734
1663. <i>O. oculatus</i> Horv.	—	Fars	734
1664. <i>O. plicatulus</i> Horv.	—	Tehran	734
1665. <i>O. purpurleolineatus</i> (Ross.)	—	In Iran	734
1666. <i>O. robustus</i> Jak.	Cereals, weeds and wild Gramineae	East Azarbaijan, Khorasan	543,544
1667. <i>Psacasta exanthematica</i> (Scop.)	—	East Azarbaijan, Tehran, Ilam	122,734
1668. <i>Tholagmus flavolineatus</i> F.	—	In Iran	495,734
1669. <i>Trigonosoma</i> sp.	—	East Azarbaijan	122
1670. <i>Ventocoris</i> (= <i>Selenodera</i> ) <i>falcatum</i>	—	Tehran	734
1671. <i>V.</i> (= <i>Selenodera</i> ) <i>fischeri</i> (H. - S.)	Wheat	Tehran, Gorgan, Khorasan	544,734
1672. <i>V. horvath</i> (Put.)	—	Kermanshah, Markazi	734
1673. <i>V. oblongum</i> Horv.	—	Tehran	734
1674. <i>V. putoni</i> (Jak.)	Astragale	Khorasan	544

## FAMILY STENOCEPHALIDAE

Scientific name	Host	Distribution	Reference no.
1675. <i>Dicranocephalus agilis</i> (Scop.)	Weeds	Khorasan	544
1676. <i>D. ferganensis</i> Hv.	"	"	544
1677. <i>D. marginatus</i> (Ferr.)	Tamarisk and on weeds	In Iran	117,544



Scientific name	Host	Distribution	Reference no.
1678. <i>Dicranocephalus setulosus</i> Ferr.	Lucerne, weeds	Khorasan, Ardabil	544,544/1
1679. <i>Stenocephalus</i> sp.	—	East Azarbaijan	543

### FAMILY TINGIDAE (= Tingididae)

Scientific name	Host	Distribution	Reference no.
1680. <i>Dictyla echii</i> (Schr.)	—	East Azarbaijan	122
1681. <i>Monosteira discoidalis</i> Jak.	Poplar, willow	Azarbaijan, Mazandaran, Gilan, Fars, Esfahan, Tehran	6,99,129,466
1682. <i>M. inermis</i> Horv.	Poplar, willow, tamarisk	Azarbaijan, Mazandaran, Gilan, Tehran, Kerman, Esfahan, Fars, Kermanshah	117,186,240,252
1683. <i>M. scrophicus</i> Sd.	Tamarisk	In Iran	117
1684. <i>M. unicastata</i> (M. - R.) Syn.: <i>Monanthia aliena</i> Fieb.	"	" "	117,495
1685. <i>Stephanitis</i> (= <i>Tingis</i> ) <i>pyri</i> (F.) Syn.: <i>Cimex appendiceus</i> Geoff., <i>Stephanitis oshanini</i> var. <i>sareptana</i> Horv.	Apple, pear, cherry, sour-cherry, peach, japan quince, apricot, quince, white-thorn, plum, medlar, roses, malus, cerasus, alder, oak, wild pear	Generally distributed	6,24,69, 70, 122, 128,129,176,189, 207,240,252,286, 788,889

### ORDER HOMOPTERA

#### FAMILY ADELGIDAE

Scientific name	Host	Distribution	Reference no.
1686. <i>Dreyfusis</i> sp.	Scotch pine	Caspian Sea area	706
1687. <i>Pineus orientalis</i> Dreyf.	" "	In Iran	713

#### FAMILY ALEYRODIDAE (= Aleurodidae)

Scientific name	Host	Distribution	Reference no.
1688. <i>Aleurocanthus woglumi</i> Ash.	Orange, lemon, sweet-lemon and other citrus trees	Khuzestan, Balouchestan, Fars and other southern provinces	194,195,238,252, 286,477,495,885
1689. <i>Aleurodes crataegi</i>	White-thorn, hawthorn, quince	Tehran, Esfahan	129,252,477
1690. <i>A. niloticus</i> P. - H.	Christ's-thorn, screw bean, cedar	Balouchestan, Khuzestan and other southern provinces	6,129,252,477, 885
1691. <i>A. rosae</i> L.	Roses	Gilan, Mazandaran, Tehran	477
1692. <i>Aleurolobus marlatti</i> Q.	Citrus, fig, white mulberry	Fars and other southern provinces	256,495,885
1693. <i>A. moundi</i>	Citrus	Southern provinces	885
1694. <i>A. selangorensis</i>	"	" "	885
1695. <i>Aleurotrachelus alhagi</i> Pr.	Cotton, castor-bean, okra, citrus, melon, christ's-thorn	Khuzestan, Semnan, Fars and other southern provinces	6,129,252
1696. <i>Aleyrodes singularis</i> Danz.	—	Fars	34
1697. <i>Bemisia gossypiperda</i> M. - L.	Citrus, datura, cucumber, castor-bean, okra	Khuzestan, Semnan, Gorgan, Kerman, Fars and other southern provinces	69,196,477,753, 754,889

Scientific name	Host	Distribution	Reference no.
1698. <i>Bemisia tabaci</i> Gen. Syn.: <i>Aleyrodes inconspicua</i> Q., <i>Bemisia longispina</i> P. - H.	Cotton,colza, cantalope,squash,egg plant,tomato,potato,sunflower,melon,water-melon,radish,sesame,kanaf, castor-bean,okra,bean,convolvulus, hollyhock,black nightshade,soybean, black-weed, dragon's mouth, pear, cock's eggs, bougainvillaea , citrus, garden petunia,fig,pomegranate,ash, grapevine , white mulberry, nettle, bramble berry	Khuzestan,Fars,Khorasan,Balouchestan,Kerman,Semnan,Esfahan, Mazandaran, Tehran	15, 53, 127,196, 240,277,320,351, 405,410,482,495, 562,563,885
1699. <i>Bulgarialeurodes</i> (= <i>Aleurodes</i> ) <i>cotesii</i> (Mask.) Syn.: <i>Aleurodes rosae</i> L.	Roses	Caspian Sea area, Lorestan, Tehran and probably other areas	6,129,252,495
1700. <i>Dialeurodes citri</i>	Citrus	Caspian Sea area	885
1701. <i>Siphoninus granati</i> P. - H.	Pomegranate,citrus,false acacia,ash	Tehran,Markazi	128,252,477
1702. <i>S. phillyreae</i> (Halid.) Syn.: <i>Aleyrodes fraxini</i> Sign. , <i>Siphoninus dubiosa</i> Hapt.	Maple,ash,pomegranate	Generally distributed	6,34,70,129,495
1703. <i>Trialeurodes</i> (= <i>Aleurodes</i> ) <i>ricini</i> (Mis.)	Castor-bean and also fig and mulberry	Kermanshah , Khuzestan , Fars and other southern provinces	34,252,477,806
1704. <i>T. vaporariorum</i> Westw.	Bougainvillaea , begonia, dragon's mouth,lantana and some field crops	Generally distributed	10,129,457,889

## FAMILY ANOECIIDAE

Scientific name	Host	Distribution	Reference no.
1705. <i>Anoecia africana</i> V.D.G.	Bermuda-grass	In Iran	373
1706. <i>A.</i> (= <i>Aphis</i> ) <i>corni</i> (F.)	Wheat,barley,millet and other cultivated and wild cereals and also clover and female cornel	East Azarbaijan,Mazandaran,Gorgan, Tehran and other northern and central provinces	6,127, 129, 209, 240,252,373,500, 619/1,702,713
1707. <i>A. utricularis</i> Pass.	—	In Iran	69
1708. <i>A. vagans</i> (Koch)	Female cornel, wheat	Mazandaran, Gorgan	500,713
1709. <i>A. zirnitsi</i> Mord.	" " "	In Iran	373,713

## FAMILY APHALARIDAE

Scientific name	Host	Distribution	Reference no.
1710. <i>Agonoscena cisti</i> (Pat.)	Pistachio	Kerman	873
1711. <i>A. targionii</i> Licht.	Wild and cultivated pistachio	Azarbaijan,Khorasan,Zanjan,Esfahan, Tehran, Markazi, Kerman and other pistachio planting areas	6,69,128,129,238, 240,252,286,511, 889
1712. <i>A. viridis</i> Baj.	Pistachio	Khorasan, Kerman, Tehran, Esfahan and other central provinces	6,129,238
1713. <i>Calposcena aliema</i> Low.	Tamarisk	Tehran, Markazi	6,117,129
1714. <i>Camarotoscena fulgidipennis</i> Leg.	Poplar	Tehran and other northern,western and central provinces	6,99,129

Scientific name	Host	Distribution	Reference no.
1715. <i>Camarotoscena speciosa</i> Flor.	Poplar	Northern,western and central provin- ces	6,129
1716. <i>Euphyllura</i> (= <i>Psylla</i> ) <i>olivina</i> (Costa)	Olive,phyllirea,wild olive tree	Balouchestan,Kerman, Fars, Zanjan, Gilan and other northern provinces	6,112,128,129, 252,256,441

### FAMILY APHIDIDAE (= Aphidae)

Scientific name	Host	Distribution	Reference no.
1717. <i>Absinthaphis cinea</i> (Nevs.)	Mingwort, sweet wormwood	Khuzestan	209,713
1718. <i>Acaudinum beheni</i> Rem.-Dav.	White behen	In Iran	713
1719. <i>Acyrtosiphon bidentis</i> East.	Carthamus	In Iran	713
1720. <i>A. cyparissiae</i> (Koch)	Euphorbia	West Azarbaijan	703,713
1721. <i>A. gossypii</i> Mor.	Harmel, helichrysum, cotton	Khorasan,Mazandaran,Gorgan,Tehran, Khuzestan	22,160,208,277, 702,713,754
1722. <i>A. ignotum</i> Mor.	Salad burnet, <i>Hulthemia persicae</i>	Tehran	702,713
1723. <i>A. ilka</i> Mor.	<i>Glaucium oxylobum</i>	In Iran	713
1724. <i>A. kondoi</i> Shin.	Lucerne, spiny restharrow	Tehran	557,713
1725. <i>A. lactucae</i> (Pass.)	Lettuce, milfoil	Khuzestan	208,713
1726. <i>A. loti</i> Theob.	Slender birdsfoot-trefoil	In Iran	713
1727. <i>A. pelargonii</i> Kalt.	Salad burnet	Tehran	702
1728. <i>A. pelargonii agrimoniae</i> (Born.)	Common agrimony	In Iran	713
1729. <i>A. pelargonii geranii</i> (Kalt.)	<i>Geranium albanum</i> , common mallow	" "	713
1730. <i>A. pisum</i> Harr. Syn.: <i>Acyrtosiphon onobrych-</i> <i>is</i> B. F., <i>Aphis pisi</i> Kalt.	Pea,vetch,lentil,lucerne, clover, bean, potato , broad bean , glycyrrhiza , spiny restarrow, black medick and Gramineae family plants	Khuzestan, West Azarbaijan and other areas	127,208,264,348, 369,495,557,688, 689,690,702,709, 713,783
1731. <i>A. (= Tija) scariolae</i> (Nevs.)	Lettuce, pickly-lettuce	Tehran, West Azarbaijan	252,702,709
1732. <i>Ammiaphis sü</i> Koch	Common falcaria	In Iran	713
1733. <i>Amphorphora rubi</i> (Kalt.)	Bramble berry	Tehran	702,713
1734. <i>Anuraphis catonii</i> H.R.L.	—	Khorasan	203
1735. <i>A. (= Ephedraphis) ephedrae</i> (Nevs.)	Ephedra	Generally distributed	6,129,713
1736. <i>A. farfarae</i> (Koch) Syn.: <i>Aphis kochi</i> Schout., <i>A. pyri</i> Koch	Pear	Kermanshah,Tehran	495,664,702,713
1737. <i>A. (=Aphis) persicae</i> (Fonsc.) Syn.: <i>Aphis cerasi</i> Schr., <i>A. amygdali</i> Buck.	Peach,plum,almond,potato,egg pla- nt,sugar-beet,hedge mustard,orang- e,bean,horay cress,waybread,lucer- ne,salad burnet,convolvulus,polygo- num,papaver,sinapis,datura,comm- on mallow	Generally distributed	6,24,112,129,252, 711

Scientific name	Host	Distribution	Reference no.
1738. <i>Anuraphis</i> (= <i>Aphis</i> ) <i>persicaeniger</i> (Smith.) Syn. : <i>Brachycaudus prunicola</i>	Peach , garden plum, almond, sloe tree	Generally distributed	6,128
1739. <i>A. pyri</i>	—	In Iran	69
1740. <i>A. subterranea</i> Walk.	Pear, <i>Echinophora platyloba</i>	Tehran	664,713
1741. <i>Aphidura gypsophillae</i> Mamon.	<i>Gypsophila polyclada</i>	In Iran	713
1742. <i>Aphis acetosae</i> L.	Sheep's sorrel	Tehran, West Azarbaijan	702,709,713
1743. <i>A. affinis</i> Del Guer.	Mint,apple	Tehran, West Azarbaijan, Hamadan, Esfahan	664,702,703,709,713,762
1744. <i>A. altheae</i> Nevs.	Althaea, hollyhock	West Azarbaijan	709,713
1745. <i>A. armata</i>	Digitalis	Tehran	702
1746. <i>A. avicularis</i> H.R.L. Syn. : <i>Aphis polygonata</i> Nevs.	Pig-grass	Esfahan	713,762
1747. <i>A. ballotae</i> Kalt.	Ballota and other Labiatae family plants	Tehran	702,713
1748. <i>A. balloticola</i> Szel.	—	Esfahan	762
1749. <i>A. brohmeri</i> Born.	<i>Artemisia camaemelifolia</i> , spreading hedge-parsley, cow weed	In Iran	713
1750. <i>A. catalpae</i> Mamon.	Catalpa	West Azarbaijan	709,713
1751. <i>A. chloris</i> Koch	<i>Hypericum scabrum</i>	In Iran	713
1752. <i>A. ciceri</i> F.P.M.	Milk vetch	" "	713
1753. <i>A. citricola</i> V.D.G. Syn.: <i>Aphis bidentis</i> Theob., <i>A. deutziae</i> Shin.	Citrus,apple,quince and other fruit trees ans also christ's thorn	Tehran,Mazandaran and other northern provinces	32,375,377,495,664,713
1754. <i>A. confusa</i> Walk.	Scabious	West Azarbaijan	709,713
1755. <i>A. coronilla</i> Farr.	Cornus	Esfahan	713,762
1756. <i>A. crataegi</i> L.	Vicia	In Iran	713
1757. <i>A. craccivora</i> Koch Syn.: <i>Aphis laburni</i> Kalt. , <i>A. medicaginis</i> Koch	Lucerne, clover, bean, lentil, broad-bean, vetch, pea, common pea, false acacia, spanish broom, christ's thorn, flax, cotton, soybean, citrus, apple, horay cress , alhagi , amaranthus , hollyhock, astragale, mountain spinach, shepherd's purse, black-weed, purslane, saltwort, vicia , liquorice, iberian star thistle , fenugreek , crown-vetch, hawksbread, common melilot, flix weld, peppewort, brid's trefoil, small medick, <i>Cuscuta chinensis</i> and <i>Geobelia laevigata</i>	East Azarbaijan, Kerman, Caspian Sea area , Tehran , Khuzestan and other southern and central provinces	6,32,127,129,208,252,264,377,482,495,557,664,702,711,713
1758. <i>A. cytisorum</i> Hart.	Spanish broom	In Iran	713
1759. <i>A. dlabolai</i> Hol.	Euphorbia	" "	713
1760. <i>A. elongata</i> (Nev.)	—	Esfahan	762

Scientific name	Host	Distribution	Reference no.
1761. <i>Aphis epilobii</i> Kalt.	Broad leaved	Esfahan	713,762
1762. <i>A. euphorbiae</i> Kalt.	Euphorbia	Tehran, West Azarbaijan, Eshahan	702,709,713,763
1763. <i>A. euphorbicola</i> Rez. - Lam.	Euphorbia and <i>Euphorbia gerardiana</i>	In Iran	713
1764. <i>A. evonymi</i> F.	Red root, spindle tree, <i>Tenacetum parthenifolium</i> , <i>Turgenia</i> sp.	" "	713
1765. <i>A. fabae</i> Scop. Syn.: <i>Aphis papaveri</i> F., <i>A. rumicis</i> L.	Pea,bean,broad-bean,potato,tobacco,poppy,spinach, pumpkin, kanaf, beet,sugar-beet,bastard senna,echinops, false acacia,christ's thorn,citrus,cucumber,willow,shepard's purse, common thistle,salt bush,grass-polly, <i>Epipactia persica</i> and many other plants	Khuzestan , West Azarbaijan and other areas	6,25,32, 69, 129, 142,208,238,240, 252,370,372,461, 495,664,702,709, 713,754,889
1766. <i>A. fabae cirsiacanthoides</i>	Cirsium	In Iran	372
1767. <i>A. fabae fabae</i>	Sugar-beet,broad-bean,chenopodium,papaver	" "	372
1768. <i>A. fabae mordvilkovi</i>	Burdock	" "	372
1769. <i>A. fabae solonella</i>	Solanum	" "	372
1770. <i>A. farinosa</i> Gm. Syn.: <i>Aphis saliceti</i> Kalt.	Willow,poplar	Tehran , West Azarbaijan and other northern provinces	6,129,370,709, 713
1771. <i>A. forbesi</i> Weed	Strawberry	Khuzestan	208,713
1772. <i>A. frangulae</i> Kalt.	Lamiun, winter cress, grass-polly	Tehran, West Azarbaijan	702,709,713
1773. <i>A. gali-scabri</i> Schr.	Gosse grass, galium	In Iran	713
1774. <i>A. gerardianae</i> Mor.	<i>Euphorbia gerardiana</i> , <i>E. macrocladata</i> , <i>E. seguieriana</i>	Tehran	702,713
1775. <i>A. (= Cerosipha) gossypii</i> Glov. Syn.: <i>Aphis frangulae</i> Kalt., <i>A. cucurbiti</i> Buck.	Cotton,tobacco,tomato,kanaf,sesame,melon,water-melon, cucumber, pumpkin,squash,pomegranate,rose of sharon , citrus and sometimes pistachio , water hemp and other weeds	Khuzestan , West Azarbaijan and other areas  702,709,713,753,	6,22,25,32,69,129, 160,195,196,208, 209,238,252,263, 274,277,377,495, 754,889
1776. <i>A. grossulariae</i> Kalt.	Broad leaved	In Iran	713
1777. <i>A. hederiae</i> Kalt.	Common ivy	" "	713
1778. <i>A. idaei</i> V.D.G.	Raspberry	West Azarbaijan	709,713
1779. <i>A. intybi</i> Koch Syn.: <i>Aphis cichorii</i> Kalt.	Cichorium, sonchus	Tehran, Esfahan	495,702,713,762
1780. <i>A. kashkuli</i> Rem.	<i>Ficus johannis</i>	In Iran	713
1781. <i>A. laburni</i> Kalt.	Sugar-beet,kanaf,tobacco	Northern and central provinces	22,25,369,754
1782. <i>A. lambersi</i> (Born.)	Carrot	In Iran	713
1783. <i>A. nasturtii</i> Kalt.	Waybread, sorrel, sharp dock, horay cress	West Azarbaijan, Esfahan, Khuzestan	208,589,709,713
1784. <i>A. nepetae</i> Kalt.	<i>Nepeta crassifolia</i>	In Iran	713

Scientific name	Host	Distribution	Reference no.
1785. <i>Aphis nerii</i> B.D.F. Syn.: <i>Aphis asclepiadis</i> Pass., <i>A.calotropidis</i> Del Guer.	Oleander, stranglewort, mudar	Khuzestan, West Azarbaijan, Esfahan and other areas	6,129, 208, 495, 702,709,713,762
1786. <i>A. parietariae</i> Theob.	Wall wort	Esfahan	713,762
1787. <i>A. picridis</i> Born.	<i>Picris strigosa</i>	In Iran	713
1788. <i>A. plantaginis</i> Goeze	Waybread, ribwort	Esfahan	713,762
1789. <i>A. polygonata</i> (Nev.)	Rochspray, knotweed	Khuzestan , West Azarbaijan and other northern provinces	6,129,208,709, 713
1790. <i>A. (= Medoralis) pomi</i> Deg. Syn.: <i>Aphis crataegi</i> Buch., <i>A. mali</i> F.	Apple,pear,quince,white-thorn,mal- us,rockspray,medlar and wild pear	Generally distributed	6,69,70, 80, 112, 128,129,176,186, 189,241,252,495, 664,702,711,713, 762,788,889
1791. <i>A. potentiellae</i> Nev.	Five fingers	In Iran	713
1792. <i>A. poterii</i> (Born.)	Salad burnet	Tehran, West Azarbaijan	702,709,713
1793. <i>A. praeterita</i> Walk.	Rhamnus	In Iran	713
1794. <i>A. prepingua</i> Holm.	Euphorbia	" "	713
1795. <i>A. punicae</i> Pass. Syn.: <i>Aphis durantae</i> Theob., <i>A. durranti</i> Das.	pomegranate and sky-flower	Khuzestan and other areas	6,128,129,208, 252,495,702,713, 762
1796. <i>A. reopkea</i> (H.R.L.)	—	Esfahan	762
1797. <i>A. ruborum</i> (Born.)	Bramble berry	Tehran, Esfahan	702,713,762
1798. <i>A. rufulae</i> Walk.	Black-weed, strawberry, gossefood	In Iran	713
1799. <i>A. rumicis</i> L.	Sheep's sorrel	Tehran, Esfahan	702,713,762
1800. <i>A. salviae</i> Walk.	<i>Salvia pseudosylvestris</i>	" "	702,713,762
1801. <i>A. sambuci</i> L.	Ground elder	In Iran	713
1802. <i>A. sanguisorbae</i> Shr.	—	Esfahan	762
1803. <i>A. sedi</i> Kalt.	Orpine	In Iran	713
1804. <i>A. solanella</i> Theob.	Black nightshade	Tehran	702
1805. <i>A. spiraeicola</i> Patch.	Citrus	In Iran	238
1806. <i>A. spiraeophaga</i> Mull.	Spiraea, bridewort	Tehran	702,713
1807. <i>A. stachydis</i> Mor.	Hedge nettle	In Iran	713
1808. <i>A. striata</i> H.R.L.	—	Esfahan	762
1809. <i>A. taraxicola</i> (Born.)	Dandelion	"	713,762
1810. <i>A. teucrii</i> Licht.	Oriental germander	In Iran	713
1811. <i>A. thalictri</i> Koch	Lesser meadow-rue	Tehran	702,713
1812. <i>A. umbrella</i> (Born.)	Little mallow, hollyhock , dwarf mallow	Tehran , West Azarbaijan, Esfahan, Khuzestan	208,702,709,713, 762

Scientific name	Host	Distribution	Reference no.
1813. <i>Aphis urticae</i> F.	Nettle, stinging nettle	Tehran	702,713
1814. <i>A. vanderghooti</i> (Born.)	Milfoil, feverfew, <i>Achillea vermicularis</i>	In Iran	713
1815. <i>A. verbasci</i> Schr.	Verbascum	Esfahan	713,762
1816. <i>A. verbenae</i> Nevs.	Holly-herb	In Iran	713
1817. <i>A. viticis</i> Ferr.	Tree of chastity	" "	713
1818. <i>Appelia tragoponis</i> Fonsc. Syn.: <i>Brachycaudus persicae</i> Pass.	Goat's beard, peach, plum	Tehran, Hamadan	128,664,702
1819. <i>Asiphum populi</i> Goum.	Poplar	Khuzestan	6,129
1820. <i>Aspidaphis adjuvanus</i> (Walk.)	Polygonum	"	208,209,713
1821. <i>Aulacorthum circumflexum</i> (Buck.)	Sea bugloss	In Iran	713
1822. <i>A. solani</i> (Kalt.)	Potato, white-thorn, sticky, mouse-ear chickweed, bottle brush, pick-needle, water hemp, erect pellitory of the wall and <i>Ranunculus amblylobus</i>	Tehran	702
1823. <i>A. vincae</i> (Walk.)	<i>Helichrysum oligocephalum</i> , <i>Triplurospermum disciforme</i>	"	702,713
1824. <i>Betulaphis quadrituberculatus</i> Kalt. Syn.: <i>Aphis inharens</i> Walk., <i>A. quadrituberculata</i> Kalt.	Birch	Tehran, Mazandaran	6,129,702,713
1825. <i>Brachycaudus amygdalinus</i> (Schout.) Syn.: <i>Brachycaudus helichrysi</i> Kalt.	Cultivated and wild almond, peach, apricot, plum, pear	Khuzestan and other areas	6,129, 208, 238, 252,664,702,711, 713
1826. <i>B. cardui</i> (L.) Syn.: <i>Aphis lata</i> Walk., <i>A. onopordi</i> Schr.	Plum, garden plum and also on cirsium, sloe tree, echinops, carduus, anchusa, senecio, burdock, common thistle, cousinia, slender-flowered thistle, jurinea, milfoil, wild myrobalan plum, gunnera, <i>Ranunculus amblylobus</i> and <i>Thevetia persica</i>	Tehran, Markazi, Zanjan, Hamadan, Lorestan, Esfahan, Khorasan, Yazd, Fars, West Azarbaijan	495,664,702,709, 711,713
1827. <i>B. bicolor</i> (Nevs.)	<i>Solenanthus stamineus</i>	In Iran	713
1828. <i>B. divaricata</i> Schap.	Garden plum, <i>Prunus divaricata caspica</i>	Tehran	702,713
1829. <i>B. (=Aphis) helichrysi</i> (Kalt.) Syn.: <i>Aphis chrysanthemi</i> Walk., <i>A. bellis</i> Buck.	Almond, plum, garden plum, peach, apricot and also on helichrysum, periwinkle, acroptilon, french sorrel, anchusa, galium, sea bugloss, marigold, blue-bottle, milfoil, heliotropium, dog's tongue, chrysanthemum, yellow everlasting, zinnia, <i>Tenacetum parthenifolium</i> , <i>Lappula bachata</i> and <i>Senecio coronopifolius</i>	Khuzestan, West Azarbaijan and other areas	112,128,176,208, 495,664,702,709, 711

Scientific name	Host	Distribution	Reference no.
1830. <i>Brachycaudus iranicus</i> Dav. - Rem.	Sea bugloss and Borraginaceae family plants	Tehran, West Azarbaijan	209,702,709,713
1831. <i>B. lateralis</i> (Walk.)	Thevenotia, senecio	West Azarbaijan	709,713
1832. <i>B. lychnidis</i> L.	Night-flowering catchfly	In Iran	713
1833. <i>B. persicae</i> (Pass.) Syn.: <i>Aphis persicaeola</i> Boisd., <i>A. persicaeniger</i> Smith.	Peach , apricot , wild myrobalan plum	Tehran,Markazi,Hamadan	238,495,664,702,711
1834. <i>B. persicaeola</i> Boisd.	Garden plum	In Iran	713
1835. <i>B. prunicola</i> (Kalt.)	Peach,garden plum, sloe tree, wild myrobalan plum	Mazandaran,Markazi	495,664,702,713
1836. <i>B. rumexicolens</i> Patch.	French sorrel	In Iran	713
1837. <i>B. salicinae</i> Born.	British inula	West Azarbaijan	709,713
1838. <i>B. schwartzi</i> (Born.)	Plum, garden plum, sloe tree	Tehran,Markazi,Hamadan	209,664,702,711,713
1839. <i>B. semisubterraneus</i>	Garden plum	In Iran	128
1840. <i>B. tragopogoni</i> Kalt.	Goat's beard, garden blum	West Azarbaijan	709,713
1841. <i>Brachyunguis cuscutae</i> (Nevs.)	Lesser dodder	In Iran	713
1842. <i>B. harmalae</i> Das.	Harmel	" "	713
1843. <i>B. kaussarii</i> Rem. - Dav.	—	" "	713
1844. <i>B. lycii</i> (Nev.)	—	Khuzestan,Tehran	209
1845. <i>B. nevskyi</i> (Kr.)	Pistachio	Zanjan,Gilan	6,129,238,713,839
1846. <i>B. plotnikovi</i> Nev.	Cotton	Southern and central provinces	754
1847. <i>B. tamaricophila</i> Nev.	Tamarisk	Kerman	6,117,129,713
1848. <i>B. tamaricis</i> Licht.	Tamarisk	Tehran	6,117,129,713
1849. <i>B. zygophylli</i> Nevs.	Syrian bean caper	West Azarbaijan	709,713
1850. <i>Brevicoryne</i> (= <i>Brachycolus</i> ) <i>brassicae</i> (L.) Syn.: <i>Aphis dusmeti</i> G.-M., <i>A. florisrape</i> Curt.	Cabbage,couliflower,turnip , colza, radish, <i>Crambe orientalis</i> , <i>Myagrurn perfoliatum</i> and wild Crucifereae family plants	Khuzestan,West Azarbaijan and other areas	25,127,142, 208, 209,240,252,286, 495,702,709,713, 882
1851. <i>B. nigrisi phunculata</i> Hodj.	Oriental cole-wort	In Iran	713
1852. <i>Brevicorynella quadrimaculata</i> Nev.	Tamarisk	Khorasan	6,117,129,709
1853. <i>Capitophorus</i> (= <i>Myzus</i> ) <i>elaeagni</i> (Deg.)	Russian olive,buckthorn, butterbur	Khuzestan, Tehran, West Azarbaijan and western provinces	6,129,208,209,709,713
1854. <i>C. hippophaes</i> Walk.	Hippophae , russian olive , lady's thumb	Tehran, West Azarbaijan, Khuzestan	208,702,709,713
1855. <i>C. inulae</i> (Pass.)	<i>Dittrichia graveolens</i>	In Iran	713
1856. <i>C. similis</i> V.D.G.	Russian olive,buckthorn, honey locust and Compositae family plants	Tehran and other northern and western provinces	6,129,713



Scientific name	Host	Distribution	Reference no.
1857. <i>Cavariella aegopodii</i> Scop. Syn.: <i>Aphis capreae</i> F., <i>A. umbellatorum</i> Koch	Willow, poplar, dill, carrot, coriander, meadow parsnip and <i>Chaerophyllum crinitum</i>	Tehran, Mazandaran, West Azarbaijan and other northern provinces	6,127, 129, 370, 376, 495, 702, 709, 713
1858. <i>C. (=Aspidaphis) aquatica</i> (Rem.) Syn.: <i>Cavariella hillerislambergis</i> Oss.	Willow, poa	Kerman, Tehran, Gorgan	129, 370, 713
1859. <i>C. archangelicae</i> Scop.	Willow	In Iran	713
1860. <i>C. cicutae</i> Koch	Willow, poplar	Khorasan, Mazandaran, Tehran	129, 370, 713
1861. <i>C. pastinacae</i> L.	Cow weed and other Umbelliferae family plants	In Iran	702, 713
1862. <i>C. theobaldi</i> Gill. - Brag.	Willow, poplar, meadow parsnip, oriental germander	Tehran, Caspian Sea area	6, 129, 370, 713
1863. <i>Clypeaphis suaedae</i> (Mim.)	Suaeda	West Azarbaijan	709, 713
1864. <i>Coloradoa absinthii</i> Licht.	Mingwort, sweet wormwood, <i>Artemisia chamaemelifolia</i>	" "	709, 713
1865. <i>C. achilleae</i> H.R.L.	Milfoil	In Iran	713
1866. <i>Corylobium avellanae</i> Schr. Syn.: <i>Aphis coryli</i> Mosl.	Hazelnut	Generally distributed	6, 129
1867. <i>Cryptomyzus behboudi</i> Rem.-Dav.	<i>Phlomis olivieri</i>	In Iran	713
1868. <i>C. korschelti</i> Born.	Horehound	" "	713
1869. <i>Cryptosiphon artemisiae</i> Buckl.	Mingwort	West Azarbaijan	709, 713
1870. <i>Davatchiaphis persicus</i> Rem.	Common reed, phragmites	Semnan	702, 713
1871. <i>Dysaphis affinis</i> Mord.	Garden plum	In Iran	713
1872. <i>D. anthrisci</i> C.B.	Apple and Umbelliferae family plants	Tehran	664
1873. <i>D. apiifolia</i> (Theob.)	Fennel	Khuzestan	208, 701, 713
1874. <i>D. aucupariae</i> (Buckl.)	Ribwort	Markazi	703, 713
1875. <i>D. brancoi</i> (C.B.)	Apple, pear	Gilan, Mazandaran	706, 713
1876. <i>D. (=Aphis) crataegi</i> (Kalt.) Syn.: <i>Forda dauci</i> Gaur., <i>Anuraphis carotae</i> Koch	White-thorn, carrot, apple, pear	Markazi, Tehran, West Azarbaijan and other northern provinces	6, 129, 495, 664, 701, 702, 703, 711, 713
1877. <i>D. devectora</i> Walk. Syn.: <i>Aphis pyri</i> Buck., <i>Dentatus communis</i> Mor.	Apple	Tehran, Markazi, Hamadan, Zanjan, Chahar Mahal	495, 664, 701, 702, 703, 711, 713
1878. <i>D. foeniculae</i> (Theob.)	Carrot	Tehran, Markazi	209, 701, 702, 703, 713
1879. <i>D. lappae</i> Koch	Burdock, mint, plantago, great burdock	" "	701, 703, 713
1880. <i>D. lauberti</i> Born.	Field eryngo	Hamadan, Tehran	703, 713

Scientific name	Host	Distribution	Reference no.
1881. <i>Dysaphis</i> (= <i>Sappaphis</i> ) <i>mali</i> (Ferr.)	Apple, pear, cereals	Tehran, Khorasan and most other fruit planting areas	69, 70, 238, 241, 788, 889
1882. <i>D. microsiphon</i> Nevs.	Burdock, mint, plantago	Tehran, Markazi, Mazandaran	701, 703, 713
1883. <i>D. plantaginea</i> Pass. Syn.: <i>Myzus mali</i> Ferr., <i>Anuraphis roseus</i> Bak.	Apple, pear, white-thorn, waybread, plantago	Khorasan, Tehran, Markazi, West Azarbaijan, Kordestan, Fars, Kermanshah, Kohkilouye, Esfahan, Kerman, Khuzestan	80, 208, 495, 664, 701, 702, 703, 709, 711, 713
1884. <i>D. pulverina iranica</i> Story.	Waybread, ribwort	Tehran, Markazi	703, 713
1885. <i>D. pyri</i> B.D.F.	Apple, pear, white-thorn and some times on galium and cherry	Azarbaijan, Khorasan, Esfahan, Tehran, Markazi, Hamadan, Fars, Zanjan, Kermanshah, Kordestan, Chahar Mahal, Semnan	495, 664, 701, 702, 703, 711, 713
1886. <i>D. radicola</i> Mordv.	Sheep's sorrel	Gilan	703, 713
1887. <i>D. reaumuri</i> Mordv.	Apple, pear	Gilan, Mazandaran	706, 713
1888. <i>D. tulipae</i> B.D.F.	Iris	In Iran	713
1889. <i>D. vandenboschi</i> Stroy.	Horay cress	Tehran	703, 713
1890. <i>D. viennoti</i> Rem.	Meadow saxifrage	In Iran	713
1891. <i>Elatobium abietinum</i> Walk.	Colerado spruce	" "	713
1892. <i>Elburzaphis behboudi</i> Rcm. - Dav.	Berberis	Tehran	703, 713
1893. <i>Eucarazzia elegans</i> (Ferr.)	<i>Nepeta fissa</i>	In Iran	713
1894. <i>Forda follicularia</i> Pass.	Cereals	" "	127, 713
1895. <i>F. formicaria</i> Heyd.	Pistachio, cereals	Fars, Mazandaran, Tehran	69, 127, 373, 702, 713
1896. <i>F. hirsuta</i> Mord.	" "	Kerman, Zanjan, Semnan, Fars, Kordestan, Tehran and other pistachio planting areas	6, 23, 24, 69, 129, 252, 373, 473, 702, 839
1897. <i>F. kaussarii</i> Mord.	Pistachio	All pistachio planting areas	6, 69, 129, 252, 713, 839
1898. <i>F. marginalis</i> Koch	Wheat, Barley, pistachio, agropyron	Tehran, Mazandaran, Fars	373, 693, 713
1899. <i>F. orientalis</i> Geor.	Wheat, rice	North-western provinces	373, 713
1900. <i>F. riccobonii</i> (Steph.)	Pistachio	All pistachio planting areas	6, 129
1901. <i>Hayhurstia atriplicis</i> (L.)	Black-weed, mountain spinach	Tehran, West Azarbaijan, Khuzestan	208, 209, 702, 709, 713
1902. <i>Hyadaphis apii</i> Hall.	Celery and other Umbelliferae family plants	Tehran	209, 702, 713
1903. <i>H. bupleuri</i> Born.	Shepherd's needle	West Azarbaijan	709, 713
1904. <i>H.</i> (= <i>Brevicoryne</i> ) <i>coriandri</i> Das. Syn.: <i>Hyalopterus obscurus</i> Theob., <i>H. peucedani</i> Hall.	Dill, coriander, fennel, torilis	West Azarbaijan	709, 713

Scientific name	Host	Distribution	Reference no.
1905. <i>Hyadaphis foeniculi</i> (Pass.)	Lonicera , field falcaria , torilis , <i>Chaerophyllum macropodium</i>	Mazandaran, West Azarbaijan	209,709
1906. <i>H. passerini</i> Del Guer.	Coriander	In Iran	713
1907. <i>Hyalopterus amygdali</i> Blan.	Almond and also on phragmites , arundo,garden plum,common reed and apricot	Markazi	238,364,711,713
1908. <i>H. (= Aphis) arundis</i> (F.) Syn.: <i>Hyalopterus pruni</i> Geoff., <i>Aphis spinarum</i> Hart.	Apricot,garden plum,almond,peach, phragmites,common reed, arundo and also on rice	Generally distributed	69,70
1909. <i>H. pruni</i> Deg. Syn.: <i>Aphis arundinis</i> F., <i>A. spinarum</i> Hart.	Apricot,plum,garden plum,almond, sloe tree, peach, phragmites, com- mon reed, arundo and also on rice	West Azarbaijan and other areas areas	6,129, 176, 209, 252,495,664,702, 709,711,713
1910. <i>Hyperomyzus lactucae</i> L.	Lactuca,skeletonweed, milk thistle	Tehran, Khuzestan	208,702,713
1911. <i>H. pallidus</i> H.R.L.	Sonchus	In Iran	713
1912. <i>Iranaphis dehbani</i> Rem.-Dav.	Galium	Tehran	702,713
1913. <i>Liosomaphis berberidis</i> Kalt.	Berberry	Northern provinces	6,129,702,713
1914. <i>Lipaphis erysimi</i> Kalt.	Turnip,cabbage,lettuce and somet- imes on wheat , shepard's purse , horay cress, corn poppy, wallflower and winter cress	Khuzestan	208,252,709,713
1915. <i>L. lepidii</i> (Nevs.)	Horay cress	Tehran, Khuzestan	208,702,713
1916. <i>Longicaudus trirhodus</i> Walk.	Roses, lesser meadow-rue , <i>Thalic- trum elatum</i>	West Azarbaijan and other areas	6,129,252,702, 709,713
1917. <i>Longiunguis (= Melanaphis) pyrarius</i> (Pass.)	Pear	In Iran	713
1918. <i>Macrosiphoniella absinthii</i> (L.)	Pear and mingwort	" "	707,713
1919. <i>M. arbotani</i> (Walk.)	Artemisia	" "	707,713
1920. <i>M. artemisiae</i> (B.D.F.)	Artemisia, mingwort	West Azarbaijan	704,707,713
1921. <i>M. chamomillae</i> H.R.L.	<i>Anthemis mazandaranica</i>	In Iran	713
1922. <i>M. helichrysi</i> Rem.	Yellow everlasting	" "	713
1923. <i>M. medvedevi</i> Bozh.	" "	" "	707,713
1924. <i>M. millefolii</i> Deg.	Milfoil	" "	707,713
1925. <i>M. oblonga</i> (Mord.)	Sweet wormwood	" "	707,713
1926. <i>M. papillata</i> Hol.	Blue-bottle	" "	713
1927. <i>M. pulvera</i> (Kalt.)	Artemisia	" "	707,713
1928. <i>M. sanborni</i> Gill. Syn.: <i>Macrosiphoniella bedfor- di</i> Theob., <i>M.chrysanthe- mi</i> Sanb.	Chrysanthemum	West Azarbaijan , Khuzestan and other areas	129,186,208,252, 702,707,709,713
1929. <i>M. sejuncta</i> Walk.	Milfoil	In Iran	713

Scientific name	Host	Distribution	Reference no.
1930. <i>Macrosiphoniella tanacetaria</i> (Kalt.)	<i>Tenacetum parthenifolium</i>	In Iran	713
1931. <i>M. tapuskae</i> (Hot. - Fris.)	<i>Artemisia mazandarunica</i>	" "	713
1932. <i>M. tuberculatum</i>	Cousinia	" "	707,713
1933. <i>M. usquertensis</i> H.R.L.	Milfoil	" "	707,713
1934. <i>Macrosiphum cholodovskyi</i> Mord.	Borraginaceae family plants	" "	713
1935. <i>M. euphorbiae</i> Thomas Syn.: <i>Siphonophora solanifolii</i> Ashm., <i>S. citrifolii</i> Ashm.	Salad burnet, potato, citrus, calendula, zinnia, petunia	Tehran, Khuzestan, Mazandaran	32,208,495,702,713
1936. <i>M. funestum</i> (Macch.)	Bramble berry	In Iran	713
1937. <i>M. gei</i> (Koch)	Cow weed, salt bush, <i>Anthriscus nervosa</i>	Tehran, West Azarbaijan	702,709,713
1938. <i>M. pisi</i> Harr.	—	Tehran	321
1939. <i>M. rosae</i> L. Syn.: <i>Aphis dipsaci</i> Schr., <i>Siphonophora fragariae</i> Koch	Roses and teazle	Khuzestan, West Azarbaijan and other areas	6,129, 186, 208, 495,702,709,713
1940. <i>M. solani</i> Pass.	—	In Iran	69
1941. <i>Megoura viciae</i> Buck.	Meadow vetchling, chickling vetch, <i>Lathyrus incurvus</i>	Tehran, West Azarbaijan	702,709,713
1942. <i>Megurella</i> sp.	Meadow vetchling	In Iran	713
1943. <i>Melanaphis donacis</i> (Pass.)	Great-reed, phragmites	Khuzestan	208,713
1944. <i>M. sacchari</i> (Zent.)	Sorghum	In Iran	713
1945. <i>Metopolophium dirhodum</i> Walk. Syn.: <i>Macrosiphum arundinis</i> Theob., <i>M. graminum</i> Theob.	Roses, dog-rose and also on rye, barley, oat and other cultivated and wild cereals and sometimes rice, wheat and <i>Hordeum glaucum</i>	Fars, Markazi, Tehran, Balouchestan, Chahar Mahahl, Mazandaran, Gorgan, West Azarbaijan and other northern provinces	6,69,115,129,238, 252,373,495,665, 621,693,702,709,713
1946. <i>M. festucae</i> (Theob.)	Cereals	Tehran	373,713
1947. <i>Microlophium evansi</i> (Theob.)	Stinging nettle	West Azarbaijan	709,713
1948. <i>Myzaphis rosarum</i> (Kalt.)	Roses	In Iran	713
1949. <i>Myzus ascalonicus</i> Don.	Sticky mouse-ear chickweed	" "	713
1950. <i>M. borealis</i> Oss.	Corn bedstraw	Tehran	378,713
1951. <i>M. cerasi</i> F. Syn.: <i>Aphis aparines</i> Kalt., <i>A. asperukae</i> Walk.	Cherry, sour-cherry	Mazandaran, East and West Azarbaijan, Ardabil, Khuzestan	112,238,378,495, 619/1, 664, 709, 711,713
1952. <i>M. certus</i> (Walk.)	Cotton, nonnea, catchfly, dwarf mallow, zinnia and Crucifereae family plants	West Azarbaijan, Khuzestan	378,709,713
1953. <i>M. circumflexus</i> (Buck.)	Tulip, cyclamen, hortensia and other ornamental plants (in greenhouse)	Tehran	252

Scientific name	Host	Distribution	Reference no.
1954. <i>Myzus cymbalariae</i> Story.	Sticky mouse-ear chichweed, kenilworth-ivy, <i>Linaria villosa</i> and other Scrophulariaceae and Compositae family plants	Elburz mountains	378,713
1955. <i>M. ligustri</i> Mosl.	Borraginaceae family plants	In Iran	713
1956. <i>M. lythri</i> (Schr.)	Grass-polly	Caspian Sea area	378
1957. <i>M. nicotianae</i> Black.	Tobacco	West Azarbaijan	20,713
1958. <i>M. ornatus</i> Laing	Germander, <i>Crepis micrantha</i>	Tehran	378,713
1959. <i>M. padellus</i> H.R.L. - R.	Plum	In Iran	713
1960. <i>M. (= Myzodes) persicae</i> (Sulz.) Syn.: <i>Aphis dianthi</i> Schr. , <i>Myzus pergandei</i> Sand.	Peach,apple,cherry,apricot,tomato, potato,tobacco,cotton,radish,celery, sunflower,sugar-beet,lettuce,almond, cerasus,citrus,rose of sharon,peach tree, egg plant , chrysanthemum , broad bean, wild mustard , hedge mustard, euphorbia, pea, dragon's mouth, morning glory , red root , coriander, dill,horay cress,spinach, blue-bottle, calendula,senecio,sky-flower, wild radish, dwarf mallow, salt bush, mallards, cowslip, china rose,cheese weed,wild chamomile, pigeon's grass,common cotton thistle, flix weed, pyrethrum, sea beet, common zinnia, eruca, phlox, helminthia	Khuzestan, West Azarbaijan, Mazandaran and other areas	6,25,32, 69, 112, 128,129,176,195, 208,209,240,252, 264,377,378,461, 495,664,691,702, 709,713,722,754, 783,889
1961. <i>Nasonovia ribisnigri</i> (Mosl.)	<i>Crepis micrantha</i>	In Iran	713
1962. <i>Obtusicauda dolycosiphon</i> Um.	Artemisia	" "	713
1963. <i>Ovatus crataegarius</i> Walk.	Quince, firethorn	Esfahan	664,713
1964. <i>O. insitus</i> (Walk.)	Mespilus,pear,apple,quince	Generally distributed	6,629,664,713
1965. <i>Paczoskia meriodonalis</i> Hol.	Echinops	In Iran	713
1966. <i>Phorodon humuli</i> Schr. Syn.: <i>Aphis pruni</i> Scop.	Hop,sloe-tree,plum	West Azarbaijan,Tehran,Mazandaran, Gilan	252,664,713
1967. <i>Pleotrichophorus chrysanthemi</i> (Theob.)	<i>Tenacetum parthenifolium</i>	Khuzestan	208,713
1968. <i>P. glandulosus</i> Kalt.	Mugwort	Tehran	702,713
1969. <i>P. persimilis</i> Born.	Chrysanthemum , field southern weed, <i>Tenacetum parthenifolium</i>	"	702,713
1970. <i>Plocamaphis gornitzi</i> C.B.	Goat willow	In Iran	713
1971. <i>Protaphis albus</i> Rem. - Dav.	<i>Helichrysum armanicum</i> , yellow everlasting	Tehran	702,713
1972. <i>P. (= Xerophilaphis) alexandrae</i> (Nevs.)	Acroptilon , <i>Centaurea virgata squarrosa</i> , <i>C. kotschy</i>	"	704,713
1973. <i>P. anthemidis</i> Born.	<i>Anthemis hyalina</i>	In Iran	713
1974. <i>P. (= Xerophilaphis) anura-phidoides</i> (Nevs.)	Safflower	West Azarbaijan	704,709,713

Scientific name	Host	Distribution	Reference no.
1975. <i>Protaphis elatior</i> Nevs.	Artemisia	In Iran	713
1976. <i>P. (= Xerophilaphis) elongata</i> (Nevs.)	Sweet wormwood	Mazandaran, Tehran	709,713
1977. <i>P. pseudocardui</i> (Theob.)	Safflower	Tehran	209,702,713
1978. <i>Pterochlorus (= Pterochloroides) persicae</i> (Chol.) Syn.: <i>Dryobius amygdali</i> V.D.G.	Peach and sometimes on apricot , sloe tree,plum,almond,quince,apple, <i>Prunus divaricata caspica</i>	Tehran , Markazi , West Azarbaijan and other areas	6,24,69, 70, 128, 129,142,176,188, 238,252,664,702, 708,709,713
1979. <i>Pterocomma pilosum</i> Buck.	Egyptian willow,weeping willow,po- plar	Mazandaran,Tehran, West Azarbaijan	129,370,702,709, 713
1980. <i>P. populeum</i> (Kalt.)	Poplar, black poplar	West Azarbaijan and other areas	6,99,129,370,709, 713
1981. <i>Rhodobium porosum</i> (Sand.)	Roses	Khuzestan	208,713
1982. <i>Rhopalosiphum fitchii</i> Sand.	Apple	Hamadan	664
1983. <i>R. insertum</i> (Walk.) Syn.: <i>Aphis crataepella</i> Theob., <i>A. edentula</i> Buck.	Rockspray,rice,poa,festuca, garden plum	Semnan and other northern provin- ces	6,129,371,495, 664,713
1984. <i>R. maidis</i> Fitch. Syn.: <i>Aphis adusta</i> Zehn., <i>A. africana</i> Theob.	Wheat, barley, corn, sorghum, rye and also on wild sour-cherry,black alder,festuca,bermuda-grass,poa,cy- nodon,ray-grass,green foxtail, john- son grass	Fars,Tehran,Markazi,Esfahan,Lorestan, Khuzestan, Kerman, West Azarbaijan, Balouchestan, Chahar Mahal, Mazan- daran, Gorgan	115,208,252,264, 286,371,373,495, 500, 619/1, 621, 693,702,709,713
1985. <i>R. musae</i> G. - P. Syn.: <i>Rhopalosiphum scirpifo- lii</i> G. - P.	Plum	Northern provinces	371,713
1986. <i>R. nymphaeae</i> (L.)	Plum,garden plum, sagittaria,water plantain, juncus	Mazandaran,Gilan,Tehran,Khuzestan	371,664,702,711, 713
1987. <i>R. padi</i> L. Syn.: <i>Aphis avena-sativa</i> Schr., <i>A. holci</i> Ferr.	Wheat, corn, sorghum, barley, bromus, festuca, medlar, gosse grass and also apple, plum	Khuzestan, Khorasan, West Azarbai- jan, Chahar Mahal, Hamadan, Tehran, Fars, Mazandaran, Gorgan and most other areas	45,208,371, 373, 495, 500, 619/1, 621,664,693,702, 709,711,713
1988. <i>R. prunifoliae</i>	Apple, pear	In Iran	238
1989. <i>R. rufiabdominalis</i> (Sas.)	<i>Picnomon acarna</i> and Gramineae family plants	Khuzestan	208,371,373,713
1990. <i>Roepkea marchali</i> (Born.)	Sour-cherry	Tehran	664,711,713
1991. <i>Rungsia kurdjumovi</i> Mord.	Agropyron	West Azarbaijan	709
1992. <i>Saltusaphis scirpus</i> Theob.	Cyperus	Tehran	374,713
1993. <i>Sappaphis (= Dentatus) cra- taegi</i> (Koch)	White-thorn	Ilam, Fars, Kermanshah	128,129,252
1994. <i>S. (= Dentatus) pyri</i> (Mats.)	Pear and wild pear	Azarbaijan, Khorasan, Tehran and cen- tral provinces	6,70,128,129,252, 495

Scientific name	Host	Distribution	Reference no.
1995. <i>Schizaphis caricis</i> (Schout.)	Reed-mace, cat's-tail	Khuzestan	371,713
1996. <i>S. (= Toxoptera) graminum</i> (Rond.)	Wheat, barley, rye, sorghum, corn, rice, oat and wild cereals and also setaria	Caspian Sea area , Gorgan , Chahar Mahal, Zanzan , Balouchestan , West Azarbaijan , Khorasan, Tehran, Fars, Esfahan , Kerman , Khuzestan and probably most other areas	69,115,127, 128, 208,209,240,252, 286,371,373,500, 619/1, 621 , 693, 702,709,713
1997. <i>S. rotundiventris</i> (Sign.)	Nutt-grass	Khuzestan	208,371,713
1998. <i>S. scirpi</i> Pass.	Cereals, cat's-tail	Mazandaran	371,713
1999. <i>Semiaphis (= Brevicoryne) anthrisci</i> (Kalt.)	Fannel , Carrot, spreading hedge-parsley and other Umbelliferae family plants	In Iran	252,713
2000. <i>S. dauci</i> (F.)	Carrot	West Azarbaijan	709,713
2001. <i>S. pimpinellus</i>	Anise plant	" "	709,713
2002. <i>Sitobion (= Macrosiphum) avenae</i> (F.) Syn.: <i>Aphis adjuta</i> Walk., <i>A. cerealis</i> Kalt.	Wheat, barley, rye, oat , <i>Hordeum glaucum</i> and other cultivated and wild cereals	East and West Azarbaijan, Khuzestan, Chahar Mahal, Tehran, Mazandaran, Gorgan, Fars, Balouchestan	45,112,115, 127, 174,252,373,495, 500,549/1,619/1, 621,693
2003. <i>S. fragariae</i> (Walk.)	Cereals , bramble berry, serinaga, dactylis	Khuzestan, Mazandaran, Tehran	208,373,702,713
2004. <i>Staticobium latifolii</i> Bozh.	Wide-leaved sea lavender	West Azarbaijan	704,713
2005. <i>S. limonii</i> Bozh.	" " " "	" "	704,713
2006. <i>Subsaltusaphis ornata</i> (Theob.)	Cyperus	Mazandaran	374,713
2007. <i>Titanosiphon artemisiae</i> (Koch)	Artemisia	In Iran	713
2008. <i>Toxoptera aurantii</i> Koch Syn.: <i>Aphis camelliae</i> Kalt., <i>A. coffeae</i> Niet.	Citrus, tea	Mazandaran and other northern citrus planting areas	32,238,377,495, 700,713,889
2009. <i>T. (= Macrosiphum) granarium</i> (Rond.)	—	In Iran	69,112,286
2010. <i>Trifidaphis phaseoli</i> (Pass.)	Bean, broad-bean, cotton, potato, tomato, poppy, sugar-beet , lucerne, wheat, barley and sometimes on wild pistachio	Kerman, Fars, Mazandaran, Gorgan and other northern and north-eastern provinces	22,69,129, 252, 473,754
2011. <i>Tycheoides setariae</i> Pass.	Wheat and other cereals	Kerman	252
2012. <i>Uroleucon achilleae</i> (Koch)	Milfoil	In Iran	713
2013. <i>U. aeneus</i> H.R.L.	Carduus, common thistle, thevenotia, common cotton thistle	Tehran and other northern and central provinces	702,705,713
2014. <i>U. bielawaskii</i> (Szel.)	Lactuca, <i>Scariola orientalis</i>	" " " " " "	705,713
2015. <i>U. campanulae</i> (Kalt.)	Helichrysum	Tehran	702
2016. <i>U. carthami</i>	Safflower	Tehran, West Azarbaijan	702,705,709,713
2017. <i>U. caspicum</i> Rez. - Lam.	<i>Serratula quinquefolia</i>	Northrern provinces	705,713
2018. <i>U. chondrilla</i> (Nevs.)	Skeletonweed, <i>Condrilla juncea</i>	Tehran, West Azarbaijan	702,705,709,713

Scientific name	Host	Distribution	Reference no.
2019. <i>Uroleucon cichorii</i> (Koch)	Nipplewort, buck's beard, common chicory, purple osier	Tehran, West Azarbaijan	702,705,709,713
2020. <i>U. cirsii</i> (L.)	Common thistle	West Azarbaijan and other northern provinces	705,713
2021. <i>U. compositae</i> (Theob.)	Safflower and <i>Centaurea picris</i>	In Iran	705,713
2022. <i>U. cousinia</i> Lam. - Rez.	Cousinia	" "	713
2023. <i>U. elbursicum</i> Lam. - Rez.	<i>Inula thapsoides</i>	" "	713
2024. <i>U. erigeronsis</i> (Thom.)	Canada fleabane, water hemp, ox-tongue	West Azarbaijan	709,713
2025. <i>U. hymenocephali</i> Rez. -Lam.	Hymenocephalus	Markazi	705,713
2026. <i>U. hypochoeridis</i> (H.R.L.)	<i>Crepis micrantha</i>	Northern provinces	705,713
2027. <i>U. iranicum</i> Hol.	Gundelia	Tehran	702,705,713
2028. <i>U. jaceae</i> (L.)	White behen, blue-bottle, common cotton thistle, aéroptilon, thevenotia	Tehran, West Azarbaijan	702,705,709,713
2029. <i>U. muralis</i> (Buck.)	<i>Lactuca orientalis</i> , <i>Scariola orientalis</i>	Tehran	705,713
2030. <i>U. ochropus</i> H.R.L.	Lactuca	In Iran	713
2031. <i>U. picridis</i> (F.)	Nipplewort, ox-tongue	West Azarbaijan	702,705,709,713
2032. <i>U. sonchi</i> L.	Sonchus, lactuca	Tehran, West Azarbaijan, Khuzestan	208,702,705,709,713
2033. <i>U. tanacetii</i> (L.)	<i>Tanacetum parthenifolium</i>	Northern provinces	702,713
2034. <i>U. tortuosissimae</i> Rez. -Lam.	<i>Scorzonera tortuosissima</i>	Markazi	702,713
2035. <i>U. tussilaginis</i> (Walk.)	Ass's foot	Tehran	702,713
2036. <i>U. virgatae</i> Rez. and Lam.	<i>Centaurea virgata squarrosa</i>	Esfahan, Tehran and other northern provinces	702,713
2037. <i>Xerophilaphis saxaulica</i> (Nevs.)	Haloxylon	In Iran	713
2038. <i>X. suaedae</i> (Mim.)	Suaeda	" "	713

## FAMILY ASTEROLECANIIDAE

Scientific name	Host	Distribution	Reference no.
2039. <i>Asterolecanium bambusae</i> Boisd.	Bamboo	Gilan	130,252
2040. <i>A. minus</i> Ross.	Oak	Ilam, Kermanshah and other western provinces	6,130,252
2041. <i>Cerococcus longipilosus</i> Arch.	—	Northern provinces	431
2042. <i>Palmaspis</i> (= <i>Asterolecanium</i> ) <i>phoenicis</i> Rao	Date-palm, fan-palm	Khuzestan, Hormozgan, Fars, Balouchistan, Boushehr, Esfahan	6,69,128,129,238,252,308,431,435



## FAMILY BYTHOSCOPIDAE

Scientific name	Host	Distribution	Reference no.
2043. <i>Egerma sinuata noxia</i> A. - Z. Syn.: <i>Agallia sinuata</i> M. - R.	Cotton	Southern provinces	252
2044. <i>Idiocerinus</i> (= <i>Idiocerus</i> ) <i>stali</i> (Fieb.) Syn.: <i>Idiocerinus bicolor</i> Mel., <i>I. toktogulensis</i> Dub.	Cultivated and wild pistachio	Khorasan, Kerman, Esfahan, Fars, Zanzan, Semnan, Yazd, Markazi and most other pistachio planting areas	23, 24, 69, 128, 129, 240, 252, 286, 473, 481, 495, 889
2045. <i>Idiocerus alkani</i> Wagn.	—	Fars	533
2046. <i>I. clypealis</i>	Common mango	Balouchestan	680
2047. <i>I.</i> (= <i>Bythoscopus</i> ) <i>populi</i> (L.)	Poplar	Gilan	129, 252

## FAMILY CALLAPHIDIDAE

Scientific name	Host	Distribution	Reference no.
2048. <i>Callaphis</i> (= <i>Aphis</i> ) <i>juglandis</i> (Goeze)	Walnut	West Azarbaijan and other areas	6, 23, 24, 112, 128, 129, 176, 252, 374, 495, 702, 709, 713
2049. <i>Chromaphis</i> (= <i>Lachnus</i> ) <i>juglandicola</i> (Kalt.)	Walnut, castor-bean	Tehran and other northern and central provinces	6, 112, 129, 374, 495, 702, 713
2050. <i>Drepanosiphum acerinus</i> Walk.	Maple	Northern and central provinces	6, 129, 713
2051. <i>D. aceris iranicum</i> D.H.R.	"	Tehran	6, 129, 374, 702
2052. <i>D. platanoides</i> Schr. Syn.: <i>Aphis aceris pseudoplantani</i> Mostl., <i>A. tiliiae</i> Koch	Maple, great maple, <i>Acer insignia</i>	Tehran, Markazi, West Azarbaijan	6, 129, 252, 702, 709, 713
2053. <i>Eucallipterus</i> (= <i>Therioaphis</i> ) <i>tiliae</i> (L.)	Teil	Tehran and other northern provinces	6, 129, 252, 374, 702, 713
2054. <i>Macropodaphis rechingeri</i> Rem. - Dav.	Compositae family plants	In Iran	713
2055. <i>Myzocallis carpini</i> Koch Syn.: <i>Myzocallis coryli</i> Goeze	Horn beam, corylus	Tehran and other northern provinces	6, 129, 252, 713
2056. <i>M. castanicola</i> Bak. Syn.: <i>Myzocallis assimilis</i> Born., <i>M. castanea</i> Buck.	Chestnut	Northern provinces	6, 129, 495, 713
2057. <i>M. coryli</i> Goeze	Hazelnut, oak	Generally distributed	6, 129, 702, 713
2058. <i>M. picta</i> Ferr. Syn.: <i>Myzocallis bodenheimeri</i> H.R.L.	Oak	Tehran	702, 713
2059. <i>Phyllaphis fagi</i> L. Syn.: <i>Phyllaphis fagifoliae</i> Tak., <i>Ph. grandifoliae</i> Rich.	Beech, pistachio	Caspian Sea area and central provinces	6, 129, 252, 374, 495, 713, 839
2060. <i>Pterocallis</i> (= <i>Myzocallis</i> ) <i>alni</i> (Deg.)	Alder	Mazandaran	6, 129, 374, 713
2061. <i>P. maculata</i> V. Heyd.	"	In Iran	713

Scientific name	Host	Distribution	Reference no.
2062. <i>Shivaphis celti</i> Das.	Nettle tree	Generally distributed	6,129,713
2063. <i>Therioaphis</i> (= <i>Rhizoberlesia</i> ) <i>brachytricha</i> (H.R.L.)	Narrow leaf trefoil	Khuzestan	208,209,374,713
2064. <i>T. maculata</i> Buck. Syn.: <i>Myzocallis ononidis</i> Kalt., <i>Pterocallidium maculatum</i>	Lucerne, onion, clover	East Azarbaijan, Kermanshah, Khuzestan, Tehran, Hamadan, Fars, Esfahan, Kordestan, Balouchestan, Kerman	127,252,286,321, 348,557,688
2065. <i>T. ononidis</i> (Kalt.)	Spiny restharrow	Tehran	702,713
2066. <i>T. rieghi</i> (Born.)	Lucerne, milk vetch	West Azarbaijan	709,713
2067. <i>T. trifolii</i> Mon. Syn.: <i>Chaitophorus trifolii</i> form <i>maculata</i> Buck., <i>Therioaphis collina</i> Born.	Lucerne, clover, spiny restharrow	Tehran, West Azarbaijan, Khuzestan	208,495,689,701, 709,713
2068. <i>Tinocallis platani</i> Kalt.	Elm	Esfahan, Tehran	129,252,713
2069. <i>T. saltans</i> (Nev.)	"	West Azarbaijan and other areas	6, 129, 252,374, 702,709,713
2070. <i>T. zerkovae</i> Dshib.	Siberian elm	Tehran	702,713
2071. <i>Tuberculatus quercus</i> (Kalt.)	Oak	"	702,713
2072. <i>Tuberculoides annulatus</i> (Hart.)	"	In Iran	713

## FAMILY CARSIDARIDAE

Scientific name	Host	Distribution	Reference no.
2073. <i>Homotoma ficus</i> L.	Fig and sometimes cultivated and wild pistachio	Kerman	6,129,252

## FAMILY CERCOPIDAE

Scientific name	Host	Distribution	Reference no.
2074. <i>Aphrophora alni</i> Fall. Syn.: <i>Aphrophora bifasciata</i> F., <i>A. spumaria</i> L.	Alder	Northern provinces	6,129,648
2075. <i>Poophilus nebulosa</i> Leth.	Tamarisk	Balouchestan, Fars	6,117,129,533

## FAMILY CHAITOPHORIDAE

Scientific name	Host	Distribution	Reference no.
2076. <i>Chaetosiphella stipae</i> H.R.L.	<i>Stipa hohenackeriana</i>	In Iran	713
2077. <i>Chaitophorus albus</i> Mer.	Poplar	Generally distributed	6,209,713
2078. <i>C. euphraticus</i> Hodj.	Poplar, willow, sind-poplar	Khuzestan, Tehran, Markazi	6,129,370,713
2079. <i>C. israelicus</i> H.R.L.	Poplar, willow	Tehran	129,370,713
2080. <i>C. leucomelis</i> Koch Syn.: <i>Chaitophorus versicolor</i>	Poplar, white poplar, black poplar, willow	Tehran and other northern provinces	99,129,185,252, 370,702,713

Scientific name	Host	Distribution	Reference no.
2081. <i>Chaitophorus niger</i> Mor.	Poplar, willow, weeping willow, black poplar	West Azarbaijan and other areas	6,8,370,702,709,713
2082. <i>C. (=Aphis) populeti</i> (Pz.) Syn.: <i>Chaitophorus betulinus</i> V.D.G.	Poplar, willow, <i>Populus caspica</i>	Khuzestan, Kermanshah, Kerman, Tehran, Hamadan, Esfahan, Fars, Caspian Sea area, West Azarbaijan	6,129, 209, 370, 374,702,709,713
2083. <i>C. (=Aphis) populi</i> (L.) Syn.: <i>Chaitophorus populeti</i> Pz., <i>Aphis saliceti</i> Schr.	Poplar, birch	Generally distributed	6,129, 185, 252, 466
2084. <i>C. populiabae</i> (B.D.F.) Syn.: <i>Chaitophorus albus</i> Mor.	Poplar, white poplar, <i>Populus caspica</i>	Khorasan, Khuzestan, Tehran, Esfahan, West Azarbaijan	129,370,702,709,713
2085. <i>C. saliceti</i> Schr. Syn.: <i>Chaitophorus capreae</i> Koch	Poplar, willow	Generally distributed	6,129,370,713
2086. <i>C. truncatus</i> (Haus.)	Purple osier	Tehran	129,370,713
2087. <i>C. vitellinae</i> Schr.	Poplar, willow	Generally distributed	6,129,370,713
2088. <i>Chaitosiphon chaitosiphon</i> Nevs.	Roses	In Iran	713
2089. <i>Chalcoides aurea</i> Geoff.	Poplar	North-western provinces	6
2090. <i>Laingia psama</i> Theob.	Quack grass	In Iran	713
2091. <i>Periphyllus aceris</i> (L.)	Great maple	" "	713
2092. <i>P. acericola</i> (Walk.)	Maple	Caspian Sea area	6,129,374,713
2093. <i>P. lyropictus</i> (Kess.)	"	In Iran	713
2094. <i>P. obscurus</i> Mam.	"	Northern provinces	6,129,713
2095. <i>Sipha (= Rungisia) elegans</i> Del Guer.	Wheat, quack grass, wild oat	Chahar Mahal, Tehran, Mazandaran, Gorgan	500, 619/1, 621, 693,713
2096. <i>S. flava</i> (Forb.)	Cereals	Tehran	373,713
2097. <i>S. glyceriae</i> (Kalt.)	Quack grass	In Iran	713
2098. <i>S. (= Rungisia) maydis</i> (Pass.)	Wheat, barley, corn, <i>Hordeum glaucum</i> and other cultivated and wild cereals	Tehran, West Azarbaijan, Balouchestan, Chahar Mahal	115, 373, 495, 619/1, 621, 693, 702,709,713
2099. <i>S. schouedeni</i> Del Guer.	Cereals, fennel, carrot and other Umbelliferae family plants	Khorasan	238,252

#### FAMILY CICADELLIDAE (= Jassidae)

Scientific name	Host	Distribution	Reference no.
2100. <i>Acericerus jahromicus</i> Dlab.	Egyptian acacia	Fars and western provinces	6,129,533
2101. <i>Achrus caligonicolus</i> Dlab.	Tamarisk, calligonum	Southern provinces	6,129
2102. <i>A. taghizadehi</i> Dlab.	Tamarisk	Kerman, Gorgan	117,129
2103. <i>Aconurella proluxa</i> Leth.	Sugar-beet	Kohkilouye	69,461
2104. <i>Agallia firdausica</i> Dlab.		Fars	533

Scientific name	Host	Distribution	Reference no.
2105. <i>Agallia ribauti</i> Oss. Syn.: <i>Agallia venosa</i> Rib.	Sugar-beet	Fars, Tehran	461,533,715
2106. <i>Alebra albostriella</i> Fall.	—	Fars	533
2107. <i>Allygus mixtus</i> F.	Oak	Gilan, Mazandaran	6,129
2108. <i>Anaceratagallia halophila</i>	—	In Iran	69
2109. <i>A. harrarensis</i> Mel.	Sugar-beet	Fars	461
2110. <i>A. laevis</i> Rib.	" "	"	69,461
2111. <i>Arboridia kermanshah</i> Dlab.	Grapevine	West Azarbaijan	591
2112. <i>A. cantoceanica</i> Dwor.	Juniper	Northern provinces	6,129
2113. <i>Austroagallia sinuata</i> (M.-R.)	Sugar-beet	Fars, Kerman, Khorasan, Tehran	461,533
2114. <i>Austroasca</i> (= <i>Empoasca</i> ) <i>lybica</i> (B.-Z.) Syn.: <i>Austroasca citrea</i> Hpt., <i>A. bodenheimeri</i> Hpt.	Cotton	Fars	495,558,559,561
2115. <i>Balclutha saltuella</i> Kir. Syn.: <i>Balclutha angusta</i> Then.	Sugar-beet	"	69,461,715
2116. <i>Batrachomorphus irroratus</i> Lew. Syn.: <i>Batrachomorphus microcephalus</i> H.-S., <i>B. punctulatus</i> For.	—	"	533,715
2117. <i>Cicadella</i> (= <i>Tettigella</i> ) <i>viridis</i> (L.) Syn.: <i>Cicadella arundinis</i> Germ., <i>C. flavicatella</i> Graof.	Rice, wheat and sometimes on apple, pear, plum, sloe tree, tamarisk	Caspian Sea area	6,69,117,127,252,664
2118. <i>Cicadula sexnotata</i> Fall. Syn.: <i>Macrosteles laevis</i> Rib.	Wheat	Chahar Mahal, Esfahan	127
2119. <i>Circulites</i> sp.	Sesame	Khuzestan	754
2120. <i>Empoasca decipiens</i> Pao. Syn.: <i>Empoasca decipiens minor</i> Zaeh., <i>E. decipiens bifurcata</i> Ceruti	Sugar-beet, sesame and sometimes on cotton, potato, sunflower, lucerne, artemisia and black-weed	Khorasan, Chahar Mahal, Esfahan, Fars, Khuzestan, Kerman, Zanzan, Tehran, Hamadan	127,290,461,463,495,533,643,782,889
2121. <i>E. fabae</i> Han.	Apple, pear, sugar-beet, potato, grapevine, gooseberry, bramble berry and other fruit trees	Tehran and some other areas	238,240,664
2122. <i>E. maligna</i> Walsh.	Bramble berry and Rosaceae family plants	In Iran	238
2123. <i>E. meridiana</i> L.	Apple, sugar-beet, potato	Khorasan, Esfahan, Fars, Kerman, Tehran	69,240,461,788
2124. <i>Erythroneura albisignata</i> Syn.: <i>Zygina bisignata</i> (Md.), <i>Frutoidia bisignata</i> (Md.)	Bramble berry, apple, pear and other Rosaceae family plants and also on some weeds	Tehran, Semnan, Khorasan, Markazi	238,664
2125. <i>E. comes</i> Say	Grapevine	Tehran and most other vineyard areas	128,238

Scientific name	Host	Distribution	Reference no.
2126. <i>Euscelis alsius</i> Rib.	Sugar-beet	Fars	461
2127. <i>E. incisus</i> Kirschb. Syn.: <i>Euscelis obscurellus</i> Kirschb., <i>E. communis</i> Edw.	—	In Iran	495
2128. <i>Exitianus fasciolatus</i> Mel.	Sugar-beet	Fars and most other sugar planting areas	461,533
2129. <i>E. vulneratus</i> Berg.	—	In Iran	69
2130. <i>Fagocyba</i> (= <i>Typhlocyba</i> ) <i>cruenta</i> (H. - S.)	Beech	Northern provinces	6,129
2131. <i>Fieberiella florii</i> Stal	—	In Iran	495,715
2132. <i>F. septentrionalis</i> Wagn.	Oak, juniper and cold region fruit trees	Tehran and other northern provinces	6,129,
2133. <i>Frutoidia bisignata</i> M. - B.	Apple	Khorasan	70,715
2134. <i>F. sanguinosa</i> Rey	White-thorn	Fars, Markazi	129
2135. <i>Goniagnathus brevis</i> H. - S. Syn.: <i>Goniagnathus annulipes</i> Luc.	—	Fars	533,715
2136. <i>G. maculatus</i> Emel.	Tamarisk, sugar-beet	Balouchestan, Kerman	6,129,461
2137. <i>G. palliatus</i> Leth.	Tamarisk	Kerman, Fars	6
2138. <i>Hardya savanensis</i> Zach.	Milk vetch	Esfahan	6,129
2139. <i>Hecalus eximius</i> (Kbm.)	Sugar-beet	Kerman	461
2140. <i>H. glaucescens</i> (Fieb.)	—	Fars	533
2141. <i>Irinula erythrocephala</i> Ferr.	—	In Iran	715
2142. <i>Jassus scutellaris</i> Fieb.	—	Fars	533
2143. <i>Macropsis unicolor</i> (Lind.)	Russian olive, buckthorn, tamarisk	Fars, Tehran, western and central provinces	6,117,129
2144. <i>Macrosteles forficula</i> Rib.	Willow	Kermanshah	6,129
2145. <i>M. laevis</i> Rib.	Willow, sugar-beet	Kermanshah, Fars and most other sugar-beet planting areas	69,461,533
2146. <i>M. quadripunctulatus</i> Kirschb. Syn.: <i>Macrosteles ramigera</i> Zach.	Sugar-beet	Kerman	69,461
2147. <i>M. sexnotatus</i> Fall. Syn.: <i>Macrosteles devastans</i> Guer., <i>M. didymus</i> M.R.	—	In Iran	495,715
2148. <i>Megophthalmus scabripennis</i> Edw.	Maple, oak, siberian elm	Northern provinces	6
2149. <i>Melicharella proxima</i> Dlab.	Calligonum, haloxyton	Southern provinces	6,129
2150. <i>Mogangella secundaria</i> Dlab.	Milk vetch	Elburz mountains, Esfahan and other central provinces	6,129

Scientific name	Host	Distribution	Reference no.
2151. <i>Neoliturus aegyptiacus</i> Mats.	Sugar-beet	Kerman	461
2152. <i>N. fenestratus</i> (H. - S.)	" "	Fars,Kerman,Tehran	127,461,533
2153. <i>N. guttulatus</i> Kir.	" "	In Iran	127
2154. <i>N. haematoceps</i> M. - R. Syn. : <i>Neoliturus haagi</i> Kirschb., <i>N. opacus</i> Kirschb.	Sugar-beet, sesame	Fars,Esfahan,Tehran,Khorasan, Azar- baijan,Kerman	461,495,533,643
2155. <i>N. (= Circulifer) opacipennis</i> (Leth.)	" " "	Khuzestan	69,127,252,495
2156. <i>N. pulcher</i> (Hpt.)	Sugar-beet	Kerman	461
2157. <i>N. tenellus</i> (Bak.)	" "	Fars,Kerman	69,127,461,533
2158. <i>N. transversalis</i> (Put.)	" "	Fars,Kerman,Tehran	461
2159. <i>Opsius cypricus</i> (H. - S.)	Tamarisk	Generally distributed	6,129
2160. <i>O. dagestanicus</i>	"	Azarbaijan	6,129
2161. <i>O. discessus</i> (Horv.)	"	Kerman	6,117,129
2162. <i>O. jucundus</i> Leth.	"	Kerman,Markazi	6,117,129
2163. <i>O. pallasi</i> Leth.	Tamarisk,sugar-beet	Balouchestan,Kerman	6,129,461
2164. <i>O. richteri</i> Dlab.	Tamarisk	Southern provinces	6,129
2165. <i>O. scutellaris</i> Leth.	Tamarisk, sugar-beet	Fars,Kerman	6,117,129,461
2166. <i>O. versicolor</i> (Dist.)	Tamarisk	Kerman	6,117,129
2167. <i>Orosius albisinctus</i> Dist.	Sesame	Khuzestan, Tehran	252,643
2168. <i>Parafieberiella olivacea</i> Dlab.	—	Fars	533
2169. <i>Paragallia sinuata</i> Rib.	—	In Iran	69
2170. <i>Paramesus major</i> Hpt.	—	Fars	533
2171. <i>Phlepsius intricatus</i> H. - S. Syn.: <i>Phlepsius octopuncta-</i> <i>tus</i> Burm., <i>P. ornatus</i> Perr.	—	"	533,715
2172. <i>Platymetopius cruentatus</i> Hpt.	Screw bean,sugar-beet	Kerman,Fars and other southern pro- vinces	6,461,533
2173. <i>P. distinctus</i> Mel.	—	Fars	533
2174. <i>P. enatus</i> Dlab.	—	"	533
2175. <i>p. exalbescens</i> Dlab.	—	"	533
2176. <i>P. guttatus</i> Fieb.	Oak	Northern and central provinces	6,129
2177. <i>P. jasudicus</i> Dlab.	—	Fars	533
2178. <i>P. obsoletus</i> Sign.	Holly oak	"	533,715
2179. <i>P. (= Quernus) quercinus</i> (Dlab.)	Oak	Western and south-western provinces	6,129

Scientific name	Host	Distribution	Reference no.
2180. <i>Platymetopius safavii</i> Dlab.	Tamarisk	Tehran	117
2181. <i>p. shirazicus</i> Dlab.	Almond	Fars	129,533,664
2182. <i>P. turkestanicus</i> V. - K.	Cotton	North-western provinces	69,252
2183. <i>P. (= Quernus) viridinervis</i> Sign.	—	Fars	533
2184. <i>Platyproctus roseovittatus</i> Dlab.	Calligonum,haloxylon	Southern provinces	6,129
2185. <i>Psammotettix alienus</i> (Dlab.) Syn.: <i>Psammotettix breviceps</i> Kbm.	Sugar-beet	Fars,Esfahan,Kerman,Tehran	69,461,533,715
2186. <i>P. striatus</i> L. Syn.: <i>Psammotettix breviceps</i> Kbm., <i>P. flavidus</i> Fieb.	" "	Fars	69,461,533
2187. <i>Ribautiana alces</i> Rib.	Horn beam	Northern provinces	6,129
2188. <i>Selenocephalus dareicus</i> Dlab.	Oak	Fars	6,129,533,664
2189. <i>S. kyrosicus</i> Dlab.	Wild pear	"	664
2190. <i>S. tyrosicus</i> Dlab.	Oak	"	6,129,533
2191. <i>S. pallidus</i> Kbm.	—	"	533
2192. <i>Stegelytra sororcula</i> Dlab.	Wild pear	Fars and northern provinces	6,129,533,664
2193. <i>Symphpyga impressa</i> Mel.	Calligonum	Southern provinces	6,129
2194. <i>Tamaricella ribauti</i> Zach.	Tamarisk	Fars	6,129
2195. <i>Youngiada pandelleri</i> (L.)	Oak	Southern and south-western provinces	6,129
2196. <i>Zyginella pulchra</i> Low	Pear,apricot,plum,apple	Khorasan, Semnan, Tehran, Zanjan, Markazi	664,673

### FAMILY CICADIDAE

Scientific name	Host	Distribution	Reference no.
2197. <i>Chloropsalta smaragdula</i> Haup.	—	Fars	533
2198. <i>C. viridiflava</i> (Dist.)	—	"	533
2199. <i>Cicadatra atra</i> Ol. Syn.: <i>Cicadatra concinna</i> Germ., <i>C. transversa</i> Germ.	Oak	"	495,533
2200. <i>C. hyalina</i> (F.)	—	Fars,Hamadan	98,238,533
2201. <i>C. kermanica</i> Dlab.	—	Fars	533
2202. <i>C. lineola</i> Kag.	—	Hamadan	98,238
2203. <i>C. ochreata</i> Mel.	Grapevine and rarely on apple,pe- ach, sour-cherry,quince,poplar,whi- te poplar and elm	Esfahan, Tehran, Khuzestan,Lorestan and other vineyard areas	22,99,176, 240, 351,804,889
2204. <i>C. querula</i> Pall.	Cotton,grapevine	Hamadan	98,252

Scientific name	Host	Distribution	Reference no.
2205. <i>Cicadatra vulcania</i> Dlab.	—	Fars	533
2206. <i>C. zahedanica</i> Dlab.	—	"	533
2207. <i>Iranodus amygdalinus</i> Dlab.	Almond	Western and south-western provinces	6,129
2208. <i>Klapperichicen accoloratus</i> Dlab.	Tamarisk	Balouchestan	6
2209. <i>K. turbatus turbatus</i> Mel.	"	"	6
2210. <i>K. viridissima</i> Walk. Syn.: <i>Cicadatra atra</i> var. <i>alhageos</i> Kol., <i>C. atra</i> var. <i>glycyrrhizae</i> Kol.	Cotton, grapevine, pear, mulberry, apple, almond, peach, quince, walnut, apricot, russian olive, sour-cherry, mespilus, pomegranate, plum, loquat, malus, poplar, ash, elm, silk-rose, roses, liquorice	Azərbayjan, Hamadan, Aznjan, Esfahan, Markazi, Kordestan, Lorestan, Khozestan, Tehran and other northern and central provinces	6,98,128,129,142,238,252,495
2211. <i>Melampsalta</i> (= <i>Cicadella</i> ) <i>caspiica</i> Kol.	—	Fars	533
2212. <i>M.</i> (= <i>Cicadella</i> ) <i>musiva</i> (Germ.)	Tamarisk	"	6,129,533
2213. <i>M. sinuatipennis</i> Osh.	"	Western provinces	6,129
2214. <i>Myndus musivus</i> L.	Willow	East Azarbaijan	6,129
2215. <i>Paharia putoni</i> (Dist.)	—	Fars	533
2216. <i>Psalmocharia alhageos</i> (Kol.)	Grapevine, apple, pear, quince, apricot, plum, garden plum, almond, white-thorn, peach, cherry, sour-cherry	Fars, Tehran, Semnan, Azarbaijan, Khorasan, Hamadan, Zanjan, Markazi, Lorestan, Esfahan, Kordestan, Chahar Mahal, Kermanshah, Kerman, Kohkilouye	533,664
2217. <i>P. flava</i> Dlab.	Ash, oak, almond, apple, sour-cherry	Generally distributed	6,129,533,664
2218. <i>Tibicen esfandiarii</i> Dlab.	Oak	Fars and western provinces	6,129,533
2219. <i>T. plebejus</i> Scop.	"	Azərbayjan and other northern provinces	6,129

## FAMILY CIXIIDAE

Scientific name	Host	Distribution	Reference no.
2220. <i>Hemitropis seticulosus</i> (Leth.)	Tamarisk	In Iran	117
2221. <i>Hyalesthes mlokosiewiczii</i> Sign.	Poplar, willow, grapevine, walnut, fig, russian olive	" "	129,252,495
2222. <i>H. obsoletus</i> Sign.	Willow, sugar-beet	Tehran and other northern provinces	6,69,129,461
2223. <i>Oliarius bitinctus</i> Dlab.	Sugar-beet	Fars, Esfahan, Tehran	252,461,495
2224. <i>O. concolor</i> Fieb. Syn.: <i>Oliarius bitinctus</i> Dlab.	—	Fars	533
2225. <i>O. melanochaetus</i> Fieb.	Horn beam	Northern provinces	6,129
2226. <i>O. nigrofurcatus</i> Sign.	Rice	In Iran	252,495
2227. <i>O. pallens</i> Germ.	Sugar-beet, corn and other cereals	" "	252
2228. <i>O. quinquocostatus</i> Duf.	Willow	Northern and central provinces	6,129



Scientific name	Host	Distribution	Reference no.
2229. <i>Reptalus</i> (= <i>Oliarius</i> ) <i>lindbergi</i> (Diab.)	Sugar-beet	Kerman	461

### FAMILY COCCIDAE (= Lecaniidae)

Scientific name	Host	Distribution	Reference no.
2230. <i>Ceroplastes floridensis</i> Comst.	Cycas, citrus, laurel, oleander, myrtle	Gilan and other northern provinces	6,129, 238, 252, 360, 431, 495
2231. <i>C. rusci</i> L. Syn.: <i>Ceroplastes nerii</i> Newst.	Fig, oleander, myrtle, pistachio, apple, pomegranate, white mulberry	Fars, Zanjan, Lorestan	6,129, 238, 252, 427, 431, 495
2232. <i>C. sinensis</i> Del Guer.	Citrus, roses, pomegranate, chinese box, bull-bay, kaki, japan quince, laurel, evergreen euonymus, pear, peach, plum, quince, apple, date-palm, box-wood	Gilan, Mazandaran, Zanjan and other northern provinces	69, 128, 129, 194, 195, 252, 286, 391, 422, 427, 431, 495, 664
2233. <i>Chloropulvinaria</i> (= <i>Pulvinaria</i> ) <i>aurantii</i> (Ck.) Syn.: <i>Takahashia citricola</i> Kuv.	Citrus, japanese pittosporum, loquat, laurel, date plum, mistletoe	Gilan, Mazandaran, Gorgan, Tehran	6, 69, 128, 129, 194, 195, 252, 256, 286, 307, 360, 431, 479, 495
2234. <i>C.</i> (= <i>Pulvinaria</i> ) <i>floccifera</i> (Westw.) Syn.: <i>Pulvinaria camelicola</i> Sign., <i>P. brassicae</i> Ckll.	Citrus, tea, laurel, camphor, camellia, evergreen euonymus, holly	Gilan, Mazandaran, Gorgan, Lorestan	6, 24, 69, 128, 129, 194, 195, 240, 252, 256, 286, 360, 422, 431, 450, 479, 495
2235. <i>Coccus</i> (= <i>Lecanium</i> ) <i>hesperidum</i> (L.) Syn.: <i>Coccus laurinus</i> Sign., <i>Lecanium tessellatum</i> Doug.	Citrus, tea, oleander, laurel, pine, fig, cherry laurel, virginia creeper, egyptian acacia and other ornamental plants	Generally distributed	6, 69, 119, 128, 129, 188, 194, 195, 240, 252, 286, 360, 422, 431, 450, 889
2236. <i>C.</i> (= <i>Lecanium</i> ) <i>pseudomagnoliarum</i> (Kuw.) Syn.: <i>Coccus citricola</i> Camp., <i>C. aegaeus</i> Lotto.	Citrus	Mazandaran, Gorgan	128, 194, 195, 252, 286, 422, 431, 495
2237. <i>Didesmococcus unifasciatus</i> (Arch.)	Almond, peach, apricot, plum, garden plum	East Azarbaijan, Tehran	438, 664
2238. <i>Eulecanium</i> (= <i>Lecanium</i> ) <i>bituberculatum</i> (Targ.)	Apple, pear, sloe tree, plum, garden plum, white-thorn, medlar, quince, mespilus, apricot, walnut	Caspian Sea area, Kermanshah, Azarbaijan, Khorasan, Fars, Esfahan, Tehran, Chahar Mahal and most other fruit planting areas	6, 24, 69, 128, 129, 240, 241, 427, 431, 495, 664
2239. <i>E.</i> (= <i>Lecanium</i> ) <i>coryli</i> (L.) Syn.: <i>Lecanium robinarium</i> , <i>Eulecanium mali</i> Schr.	Apple, pear, quince, apricot, white-thorn, medlar, hazelnut, walnut, sumac, cycas, maple, oak, roses, cherry, sour-cherry, almond, peach, mespilus, plum, horn beam, alder, fig, ash, poplar, black poplar, evergreen euonymus, grapevine, sloe tree, willow, prunus and wild pear	Generally distributed	6, 24, 69, 112, 128, 129, 130, 142, 176, 179, 186, 240, 252, 427, 431, 664
2240. <i>E. ficiphylum</i> Borkh.	Mountain almond	Kerman, Fars	664
2241. <i>E.</i> (= <i>Lecanium</i> ) <i>persicae</i> (F.) Syn.: <i>Lecanium coconii</i> Lind., <i>L. berberidis</i> Sign.	Peach, almond, apricot, apple, fig, plum, garden plum, grapevine, roses, medlar, white mulberry, russian olive, sumae	Khorasan, Azarbaijan, Tehran, Kermanshah, Fars and central provinces	6, 70, 128, 129, 252, 427, 664

Scientific name	Host	Distribution	Reference no.
2242. <i>Eulecanium philippsi</i> Bart.	—	Kordestan, Kermanshah, Fars and central provinces	6
2243. <i>E. (= Lecanium) prunastrii</i> (Fonsc.) Syn.: <i>Lecanium rotundatum</i> Ckll., <i>Eulecanium piligerum</i> Leon.	Peach, plum, garden plum, almond, apple, cherry, sour-cherry, apricot, quince, dahurian buckthorn	Generally distributed	70, 128, 129, 240, 252, 431, 664, 710
2244. <i>E. (= Lecanium) rugulosum</i> (Arch.)	Pear, apple, white-thorn, quince, cherry, fig, pistachio, poplar, willow and wild pear	Balouchestan, Kermanshah, Fars	6, 128, 129, 252, 431, 475, 664
2245. <i>E. tiliae</i> L. Syn.: <i>Coccus coryli</i> L., <i>C. pyri</i> Schr.	Plum, garden plum, sour-cherry and other cold region fruit trees and also Salicaceae family plants and roses, poplar, willow	Tehran, Markazi, Esfahan	129, 495, 664, 675
2246. <i>Filippia ephedrae</i> (Nevs.)	Ephedra	Generally distributed	6, 129, 252, 431
2247. <i>F. gossypii</i> Bod.	Cotton	Balouchestan	196, 252, 431
2248. <i>Parthenolecanium (=Eulecanium) corni</i> (Bouche) Syn.: <i>Lecanium coryli</i> L., <i>L. corni</i> var. <i>robinarium</i> Dougl.	Poplar, black poplar, sugar-beet, apricot and many other stone and pomaceous fruit trees	Generally distributed	69, 129, 238, 240, 431, 461, 483, 495, 664
2249. <i>P. deckeri</i> Kom.	—	In Iran	483
2250. <i>Pulvinaria artemisiae</i> Licht.	Euphorbia, artemisia	Tehran, Balouchestan	129, 252, 431
2251. <i>P. betulae</i> L. Syn.: <i>Pulvinaria vitis</i> L.	Quince, grapevine, willow, alder, hazelnut, birch, peach, apple, pear, apricot, oak, poplar and wild pear	Azarbaijan, Ilam, Kermanshah, Tehran, Caspian Sea area and central provinces	6, 24, 99, 128, 129, 252, 466
2252. <i>P. (= Anapulvinaria) pistaciae</i> (Bod.)	Pistachio	Khorasan, Fars, Balouchestan, Kerman, Semnan, Zanzan, Tehran, Gorgan, Esfahan and most other pistachio planting areas	6, 23, 70, 128, 129, 252, 427, 431, 473, 495
2253. <i>P. vitis</i> L. Syn.: <i>Coccus carpini</i> L., <i>Calypiticus spumosus</i> Costa	Grapevine, pear, hazelnut, peach, apple, apricot, quince, garden plum, citrus, bramble berry, willow, black poplar, oak, elm, maple, squash, cucumber, gooseberry	Gilan, Mazandaran, Kermanshah, Ilam, Yazd and other central provinces and probably Azarbaijan	24, 112, 128, 238, 240, 252, 427, 431, 495
2254. <i>Rhodococcus (= Eulecanium) turanicus</i> Arch.	Apricot and other fruit trees	Azarbaijan and other northern and central provinces	664
2255. <i>Saissetia hemisphaerica</i> Targ. - Tozz. Syn.: <i>Lecanium coffeae</i> Walk., <i>L. beaumantiae</i> Comst.	Cycas, myrtle, euonymus	Gilan	6, 129, 252, 431, 495
2256. <i>S. (= Lecanium) oleae</i> (Bern.) Syn.: <i>Coccus palmae</i> Haw., <i>C. testudo</i> Curt.	Olive, oleander, roses, almond, citrus, japan quince, pomegranate, grapevine, erigeron, laurel, rose of sharon, sumac, sunflower, egg plant, love tree	Generally distributed	6, 112, 128, 129, 175, 181, 195, 240, 252, 286, 427, 431, 495, 728, 889

## FAMILY CRYPTOCOCCIDAE

Scientific name	Host	Distribution	Reference no.
2257. <i>Cryptococcus fagi</i> Baern. Syn.: <i>Cryptococcus fagisuga</i> Lndrg.	Beech	Northern provinces	6,129,495

## FAMILY DELPHACIDAE (= Araeopidae)

Scientific name	Host	Distribution	Reference no.
2258. <i>Asiraca flavicornis</i> (F.)	Oak	Markazi	6,129
2259. <i>Falcotoya minuscula</i> (Horv.)	Tamarisk	In Iran	117
2260. <i>Laodelphax striatellus</i> Fall. Syn.: <i>Laodelphax striatellus</i> var. <i>lateralis</i> Fieb., <i>L.</i> <i>striatellus</i> var. <i>fimbriata</i> Rey	Sugar-beet, rice and other cereals and sometimes on lucerne	Tehran, Khuzestan, Fars, Esfahan and other southern, western and north-western provinces	39,348,461,495, 533
2261. <i>Sogatella suzezensis</i> Mats.	Cereals, sugar-beet	Fars	39,461
2262. <i>S. vibix</i> Hpt. Syn.: <i>Delphax suzezensis</i> Mats.	—	In Iran	69,495
2263. <i>Toya</i> (= <i>Calligypona</i> ) <i>propinqua</i> (Fieb.) Syn.: <i>Toya hamata</i> Kirschb.	Tamarisk, sugar-beet and wild ce- reals	Fars and other southern, western and northern provinces	39,461
2264. <i>Unkanodes tanasijevisi</i>	Corn	Fars	39

## FAMILY DIASPIDIDAE

Scientific name	Host	Distribution	Reference no.
2265. <i>Abgralaspis</i> (= <i>Aspidiotus</i> ) <i>ephedrarum</i> (Lind.)	Ephedra and also on asparagus	Balouchestan, Semnan, Yazd, Fars, Esfa- han, Markazi	6,129,252,430, 436,765
2266. <i>A.</i> (= <i>Gonaspidiotus</i> ) <i>kaussari</i> (Bal.)	Anabasis	Semnan	463
2267. <i>Acanthomytilus farsianus</i> Bal.- Kauss.	Cypress tree, juniper, <i>Cupressus se- mpervirens</i> var. <i>horizontalis</i>	Fars	6,129,252,434
2268. <i>A. intermittens</i> (Hall.)	Screw bean, oak	Balouchestan	6,129,252,430
2269. <i>A. kurdicus</i> Bod.	Screw bean, maple	Balouchestan, Mazandaran, Tehran	6,129,252,430, 434,765
2270. <i>Aonidiella</i> (= <i>Aspidiotus</i> ) <i>aurantii</i> (Mask.) Syn.: <i>Aspidiotus citri</i> Comst., <i>A. gennadii</i> Targ.-Tozz.	Citrus, laurel, date-palm, fan-palm, oli- ve, fig, magnolia, rubber plant, oak, roses, cacas, chinese box, grapevine, european privet, evergreen euonymus, egyptian acacia, white mulberry, walnut, washington palm, box-wood, willow, false acacia	Gilan, Mazandaran, Gorgan, Tehran, Khuzestan and other southern pro- vinces	6,24,69,112,129, 194,195,238,252, 286,422,424,430, 436,480,495,664 765
2271. <i>A. citrina</i> Coq. Syn.: <i>Aspidiotus citrinus</i> Coq., <i>A. aurantii</i> var. <i>citrina</i> Leon.	Citrus, cherry laurel, chinese-box, oli- ve, holly, myrtle, roses, chinese howtho- rn, camellia, box-wood, evergreen eu- onymus	Gilan, Mazandaran, Gorgan, Tehran, Khuzestan	6,69,129,194,195, 238,252,286,430, 436,480,664,765 472

Scientific name	Host	Distribution	Reference no.
2272. <i>Aonidiella</i> (= <i>Aspidiotus</i> ) <i>orientalis</i> (New.) Syn.: <i>Aspidiotus osbeckiae</i> Green, <i>A. cocotiphagus</i> Marl.	Citrus, grapevine, arabian jasmine, fig, camellia, jujube, fan-palm, roses, castor-bean, date-palm, mudar, yew, common mango, myrtle, rubber-plant, common lilac, jasminum	Mazandaran, Gilan, Kerman, Fars, Khuzestan, Hormozgan and other southern provinces	6,129, 142, 188, 195, 238, 252, 286, 430, 436, 486, 765
2273. <i>Aspidaspis laperrinei</i> Bal.	Olive, calligonum	Balouchestan, Kerman	6,129, 252, 430, 436
2274. <i>Aspidiotus dentilobus</i> Bal.- Kauss.	Atraphaxis	Fars, Esfahan	6,129, 252, 430, 434, 436, 765
2275. <i>A. destructor</i> Sign. Syn.: <i>Aspidiotus transparentis</i> Green, <i>A. cocotis</i> New.	Camellia, laurel, tea, washington palm, date-palm, fan-palm	Caspian Sea area, Tehran	6,69, 129, 252, 430, 436
2276. <i>A.</i> (= <i>Chermes</i> ) <i>hederae</i> (Vall.) Syn.: <i>Aspidiotus affinis</i> Sign., <i>A. nerii</i> Bouche.	Oleander, fan-palm, tung, jasminum, cycas, mimosa, laurel, holly, bull-bay, ivy, asparagus, plum, garden plum, peach, pomegranate, citrus, washington plum, pine	Caspian Sea area, Tehran, Fars and other southern, northern and central provinces	6,24, 112, 129, 194, 195, 238, 252, 430, 436
2277. <i>A. nerii</i> Bouche Syn.: <i>Aspidiotus hederae</i> Sign., <i>A. genista</i> Westw.	Oleander, sarsaparilla	Gilan, Tehran, Fars	495, 765
2278. <i>Aulacaspis rosae</i> Bouche	Dog-rose and other roses, bramble berry	Caspian Sea area, Tehran	24, 129, 186, 252, 430, 495, 765
2279. <i>Balachowskiella salvadorae</i> Kauss.	Salvadora	Caspian Sea area, Hormozgan	129, 252, 431, 434, 765
2280. <i>Carulaspis</i> (= <i>Diaspis</i> ) <i>minima</i> (Targ.-Tozz.) Syn.: <i>Carulaspis carueli</i> Targ. - Tozz.	Arbor vitae, yew, cupress tree	Generally distributed	6,129, 252, 431, 765
2281. <i>Chionaspis</i> (= <i>Tecaspis</i> ) <i>asiatica</i> (Arch.)	Apricot, plum, almond, female cornel, amygdalus, garden plum, cherry, sour-cherry, peach	Khorasan, Tehran, Kermanshah, Fars, Esfahan, Chahar Mahal, Kerman, Caspian Sea area, Balouchestan, Semnan, Zanjan, Azarbaijan, Lorestan, Yazd, Kordestan, Markazi, Hamadan	6,24, 40, 69, 70, 128, 129, 176, 238, 252, 286, 427, 430, 432, 664, 722, 765, 889
2282. <i>C. etrusca</i> Leon.	Tamarisk	Fars	117
2283. <i>C. lepinyi</i> Bal.	Oak	Generally distributed	6,129, 252, 765
2284. <i>C. parastigma</i> Bal.	"	Ilam, Kermanshah, Fars	129, 252, 430, 434, 765
2285. <i>C. polypora</i> Bch.	Willow, poplar, sorb, white beam tree	Hamadan, Tehran and central provinces	6,129, 252
2286. <i>C. prunorum</i> Bch.	Plum	In Iran	117, 252
2287. <i>C. salicis</i> L. Syn.: <i>Aspidiotus saliceti</i> Kalt., <i>Chionaspis abni</i> Sign.	Willow and sometimes poplar, teil, maple, alder, myrtle, ash, grapevine, oak, elm, common lilac	Azarbaijan, Kermanshah, Mazandaran, Gorgan, Khorasan, Kerman, Hamadan, Semnan, Tehran, Zanjan, Esfahan and other central provinces	6,24, 27, 129, 252, 427, 428, 430, 466, 495, 765
2288. <i>Chortinaspis sakavatiani</i> Bal.- Kauss.	Wild cereals	Balouchestan	252, 430, 434, 436, 765

Scientific name	Host	Distribution	Reference no.
2289. <i>Chrysomphalus aonidum</i> L. Syn.: <i>Chrysomphalus ficus</i> Ashm.	—	In Iran	495
2290. <i>C. (= Aspidiotus) dictyospermi</i> (Morg.) Syn.: <i>Aspidiotus agrumicola</i> Greg., <i>A. magniferae</i> Ck.	Citrus, laurel, cherry-laurel, willow, chinese box, tea, grapevine, camellia, roses, love tree, fan-palm, eucalyptus, washington palm, camphor, oleander, kaki, japan quince, olive, bull-bay, ara- bian jasmine, european privet, holly, box-wood, ficus and some other fr- uit trees	Caspian Sea area, Gorgan, Tehran and other citrus planting areas	6,24,69,112,129, 157,158,194,195, 236,238,252,286, 360,424,430,436, 450,474,480,495, 664,754,765
2291. <i>C. pinnulifera</i> (Mask.)	—	Gilan	360
2292. <i>Contigaspis davatchii</i> Kauss.	Cousinia	Esfahan	252,434,765
2293. <i>C. zillae</i> Hall.	Heliotropium, pycnocycla, helichry- sum	Balouchestan, Tehran	252,430,765
2294. <i>Corunaspis (= Lepidosaphes)</i> <i>beckii</i> (New.) Syn.: <i>Aspidiotus citricola</i> Pack., <i>Mytilaspis fulva</i> Targ.	Citrus and some forest trees	Gilan, Mazandaran	69,194,195, 238, 252,286,360,422, 430,495,765
2295. <i>Cryptoparlatoareopsis halli</i> Bod.-Theod.	Tamarisk	Kerman, Balouchestan	117,129,252,430, 765
2296. <i>C. meccae</i> Hall.	Christ's thorn	Balouchestan	129,252,430
2297. <i>C. talaiae</i> Bal.	Christ's thorn, tamarisk, cedar	Balouchestan and southern provinces	117,129,252,430, 765
2298. <i>Diaspidiotus (= Dinaspidiotus)</i> <i>amygdalicola</i> Bch.	Wild almond	Fars, Balouchestan	6,129, 252, 430, 434,436,664,765
2299. <i>D. caucasicus</i> Bch.	Poplar, willow	Balouchestan, Kerman, Azarbaijan, and probably other northern provinces	6,129,435,765
2300. <i>D. farahbakhshi</i> Kauss.	Oak	Gilan, Mazandaran	6,129, 252, 431, 434,436,765
2301. <i>D. iranicus</i> Kauss. - Bal.	Tamarisk	Balouchestan, Kerman, Fars	6,117, 129, 252, 430,434,436,765
2302. <i>D. kaussarii</i> Bal.	Willow, white poplar	Kerman, Tehran	6,129, 252, 428, 430,434,436,765
2303. <i>D. (= Aspidiotus) prunorum</i> (Laing.)	Cherry, almond, apricot, sour-cherry, apple, plum, sorb, white-thorn, ceras- us, sloe tree, peach and other pom- aceous and ston fruit trees	West azarbaijan, Kermanshah, Esfahan, Markazi, Tehran, Chahar Mahal, Fars and probably other areas	6,128, 129, 176, 179,252,424,430, 436,664,765
2304. <i>D. (= Aspidiotus) transcas- piensis</i> (Mar.)	Poplar, willow, oak, hippophae, plum, russian olive, peach	Kerman and northern provinces	6,129, 252, 428, 430,436,765
2305. <i>D. (= Aspidiotus) turanicus</i> (Borkh.)	Willow	Khorasan, Tehran	6,129, 252, 428, 430,436,765
2306. <i>Diaspis boisduvalii</i> Sign.	Date-palm, fan-palm, washington palm	Generally distributed	6,252,431,765
2307. <i>D. carmanicus</i> Dav. - Bal.	Pistachio	Kerman, Fars	6,129,238,252, 434,765

Scientific name	Host	Distribution	Reference no.
2308. <i>Diaspis syriaca</i> Lind.	Cultivated and wild pistachio	Balouchestan, Kerman	6,69,129,238,252,430
2309. <i>Duplacionaspis graminella</i> Borkh.	Phragmites	Ilam, Kermanshah	129,252,430
2310. <i>D. stanotopheris</i> Cooly.	Wild cereals	Kerman	252,430
2311. <i>Dynaspidiotus medicus</i> Kauss.	Wild cereals, haplophyllum, sameraria	Kerman, Fars	252,434,436,765
2312. <i>D. spartii</i> Kauss.	Spanish broom	Kermanshah, Gilan and other northern provinces	6,129, 252, 431, 434,436,765
2313. <i>Epidiaspis betulae</i> Lind.	Pear, apple, white-thorn and sometimes olive, walnut and other fruit trees	Mazandaran, Tehran	128,424
2314. <i>E. gennadii</i> Leon. Syn.: <i>Epidiaspis gennadiosi</i> Lind.	Pistachio	Zanjan and central provinces	6,69,129,238,252
2315. <i>E. leperii</i> Sign. Syn.: <i>Epidiaspis betulae</i> Lind., <i>Aspidiotus pyricola</i> Del Guer.	Pear, apple, apricot, plum, cherry, white-thorn and other deciduous fruit trees and sometimes on olive and walnut	Mazandaran, Tehran, Markazi, Semnan	112,238,252,430,495,664
2316. <i>E. (=Thymnaspis) salicis</i> (Bod.)	Willow	Tehran, Esfahan	252,430,434,765
2317. <i>Eremohallaspis (= Artemisaspis) farsetia</i> (Hall.)	Anabasis, zygophyllum, bean caper, saltwort, artemisia, seidlitzia, atraphaxis	Khorasan, Kerman, Esfahan, Yazd, Hormozgan and other southern provinces	6,129, 252, 430, 765
2318. <i>Fiorinia afchari</i> Bod. Syn.: <i>Fiorinia distinctissima</i> News.	Oleander	Hormozgan, Balouchestan, Kerman, Boushehr	6,129, 252, 430, 434,765
2319. <i>F. phoenicis</i> Bal.	Date-palm, fan-palm	Boushehr and other southern date-palm planting areas	128,129,238,435
2320. <i>Fisanotargionia quadrilobata</i> Kauss.-Bal.	Bean caper, seidlitzia	Khorasan, Esfahan, Hormozgan, Dasht-E- Kavir	252,431,434,765
2321. <i>Hemiberlesia (= Aspidiotus) camelliae</i> (Sign.) Syn.: <i>Hemiberlesia rapax</i> Comst.	Citrus, tea, box-wood, white mulberry, evergreen, euonymus, fig, willow, cherry laurel	Caspian Sea area	194,195,238,286,428,765
2322. <i>H. (= Aspidiotus) lataniae</i> (Sign.) Syn.: <i>Aspidiotus cydoniae</i> Comst., <i>Hemiberlesia implicatus</i> Mask.	Evergreen euonymus, alder, poplar, elm, false acacia, pomegranate, fig, olive, box-wood	Caspian Sea area and central provinces	6,129,436,664,765
2323. <i>H. (= Aspidiotus) rapax</i> (Comst.) Syn.: <i>Aspidiotus camelliae</i> Sign., <i>A. convexus</i> Comst.	Citrus, laurel, cherry laurel, willow, tea, white mulberry, cucumber, camellia, acacia, evergreen euonymus, oleander, box-wood, chinese box	" " " " " "	6,129, 238, 252, 430,436,495,765
2324. <i>Insulaspis (= Lepidosaphes) gloveri</i> (Pack.) Syn.: <i>Mytilaspis flava</i> Targ., <i>M. pallida</i>	Citrus	Gilan, Mazandaran	24,128,194, 195, 238,252,286,422, 430,436,495,765

Scientific name	Host	Distribution	Reference no.
2325. <i>Insulaspis</i> (= <i>Lepidosaphes</i> ) <i>maskelli</i> (Cock.)	Pine	Gilan, Mazandaran	6,129,194,765
2326. <i>Koroneaspis aegylops</i> Koron.	Oak	Kermanshah	6,252,430
2327. <i>Lepidosaphes</i> (= <i>Mytilaspis</i> ) <i>beluchistanicus</i> (Bal.)	Screw bean	Balouchestan, Hormozgan, Kerman	6,129, 252, 430, 434,765
2328. <i>L. citricola</i> Pack. Syn.: <i>Lepidosaphes beckii</i> New., <i>L. pinnaeformis</i> (Bouche)	—	Gilan, Mazandaran	24,112,195
2329. <i>L.</i> (= <i>Mytilaspis</i> ) <i>conchiformis</i> (Gm.) Syn.: <i>Lepidosaphes conchiformis ulmi</i> Kor., <i>L. rubri</i> Theim	Elm, pomegranate, apple, garden plum, cerasus, walnut, cucumber, poplar, fig, roses, willow, ceratonia, love tree, spanish broom and wild pear	Tehran, Kerman, Esfahan, Fars, Balouchestan, Khorasan and other northern and central provinces	6,112, 113, 114, 129, 238, 252, 425, 430, 664, 765, 781
2330. <i>L. conchiformis</i> form <i>conchiformis</i>	Elm	Esfahan	113
2331. <i>L. conchiformis</i> form <i>minima</i> (New.)	"	"	113
2332. <i>L. ficus</i> Sign.	Fig	Caspian Sea area	252,425
2333. <i>L. granati</i> Koron. Syn.: <i>Lepidosaphes turanica</i> Arch.	Olive, russian olive	Khorasan, Esfahan	129,252,430
2334. <i>L. janguai</i> Bal.	Tamarisk	Balouchestan	117,434
2335. <i>L. juniperi</i> Lind.	Cypress tree, arbor vitae	Caspian Sea area, Tehran	6,129, 252, 430, 765
2336. <i>L. malicola</i> Bch. Syn.: <i>Lepidosaphes pomorum</i> Bch., <i>L. communis</i> Amel.	Apple, apricot, pear, peach, ash, willow and rarely on walnut, poplar, common lilac and love tree	Generally distributed	6,40,69, 70, 128, 129,142,176,240, 241,252,430,466, 592,664,765,788, 889
2337. <i>L. minima</i> (New.)	Fig	Kermanshah	129,252
2338. <i>L.</i> (= <i>Pistaciopsis</i> ) <i>pistaciae</i> (Arch.)	Cultivated and wild pistachio	Khorasan, Tehran, Zanjan, Fars, Esfahan, Semnan, Markazi, Kerman, Balouchestan and most other pistachio planting areas	24,40,69,114,129, 238,252,286,425, 430,473,495,765
2339. <i>L. pistaciae</i> form <i>pistacicola</i> (Bch.)	Pistachio	Kerman, Zanjan, Khorasan, Semnan, Fars and most other pistachio planting areas	128,252,430,765
2340. <i>L. pistaciae</i> form <i>typica</i> Arch.	"	Semnan, Kerman, Zanjan, Khorasan	6,128
2341. <i>L.</i> (= <i>Mytilococcus</i> ) <i>ulmi</i> (L.) Syn.: <i>Aspidiotus pomorum</i> Bch., <i>A. conchiformis</i> Curtis	Apple, pear, poplar, alder, roses, willow, elm, garden plum, apricot, peach, oak and many other plants	Khorasan, Caspian Sea area, Kermanshah, Tehran, Markazi, Fars, Azarbaijan and central provinces	6,24,27,112,129, 252,286,425,430, 434,495,664,765
2342. <i>Leucaspis pusilla</i> Loew. Syn.: <i>Leucaspis leonardi</i> Cock., <i>L. perezi</i> Green	Pine, chir pine, mountain pine and aleppo pine	Tehran	6,129, 252, 430, 502,765

Scientific name	Host	Distribution	Reference no.
2343. <i>Leucaspis riccae</i> Targ.-Tozz. Syn.: <i>Leucaspis epidaurica</i> Genn., <i>Howardia lobulata</i> Del Guer.	Oleander, olive	Kermanshah and southern provinces	6,129, 252, 430, 495,765
2344. <i>Lopholeucaspis</i> (= <i>Leucaspis</i> ) <i>japonica</i> (Cock.) Syn.: <i>Leucaspis hydrangeae</i> Tak.	Citrus, peepul tree, bull-bay, malus, japanes magnolia, syringa, egyptian willow, potato	Mazandaran, Balouchestan	238,437,765,889
2345. <i>Melanaspis</i> (= <i>Aonidiella</i> ) <i>inopinata</i> (Leon.) Syn.: <i>Aonidiella robusta</i> G.-B.	Pear, apple, pistachio, wild almond, sloe tree, walnut, maple, roses, egyptian willow	Azarbaijan, Esfahan, Fars, Kermanshah, Markazi, Chahar Mabal, Yazd, Kerman, Khorasan and other northern provinces	6,40,69,129,176, 238,252,424,430, 436,475,495,664,765
2346. <i>M. lauristanicus</i> Bal. - Kauss.	Oak	Khorasan, Kermanshah, Kerman, Ilam, Fars	6,129, 252, 430, 434,436,765
2347. <i>Mercetaspis calligoni</i> Bch.	Calligonum	Kerman and central provinces	129,252,430,765
2348. <i>Nilotaspis bicuspis</i> Hall.	Tamarisk, suaeda, stocksia	Kerman, Balouchestan	6,117, 129, 252, 430,765
2349. <i>N.</i> (= <i>Coccomytilus</i> ) <i>halli</i> (Green) Syn.: <i>Coccomytilus zlocistii</i> Bod.	Almond, apricot, peach, apple, quince, cherry, sour-cherry, pear, garden plum	Azarbaijan, Khorasan, Kerman, Kermanshah, Tehran, Semnan, Markazi, Fars and central provinces	6,129, 252, 286, 430,495,664,765
2350. <i>N. isis</i> (Hall.)	Tamarisk	Hormozgan, Kerman, Esfahan, Balouchestan	6,117, 129, 252, 430,689
2351. <i>Odonaspis panici</i> Hall.	Wild cereals	Hormozgan	252,430,689
2352. <i>O.</i> (= <i>Froggatiella</i> ) <i>penicillata</i> (Green)	Bamboo	Gilan	129,252,430,689
2353. <i>O. secreta</i> (Ck.)	"	Caspian Sea area	129,252,430
2354. <i>Paragadaspis sarkissiani</i> Kauss. - Bal.	Artemisia	Khorasan, Fars, Dasht-E-Kavir, Yazd	129,252,430,434,689
2355. <i>Parlagona mc-kenzei</i> Bal.	Tamarisk, screw bean, mudar, <i>Dodonea viscosa</i>	Balouchestan, Hormozgan, Khuzestan	6,117, 129, 252, 429,430,434,689
2356. <i>P. remaudierei</i> Kauss.	Pomegranate, zygophyllum, bean caper, convolvulus	Balouchestan, Esfahan, Yazd, Dasht-E-Kavir	129,252,431,434,689
2357. <i>Parlatoresopsis</i> (= <i>Chionaspis</i> ) <i>longispinus</i> (New.)	Pomegranate, calligonum	Balouchestan, Esfahan, Yazd, Khorasan, Hormozgan, Kerman, Gilan, Mazandaran, East Azarbaijan, Kordestan	6,129, 252, 430, 664,765
2358. <i>Parlatoria asiatica</i> Bch.	Ephedra	Kerman	765
2359. <i>P.</i> (= <i>Websteriella</i> ) <i>blanchardi</i> (Targ.) Syn.: <i>Parlatoria victrix</i> Cock.	Date-palm, fan-palm	Khorasan, Fars, Balouchestan, Esfahan, Khuzestan, Kerman, Yazd, Hormozgan, Kermanshah	6,24,40, 69, 129, 238,252,306,307, 430,435,495,765
2360. <i>P. chinensis</i> Murt.	Silk-rose	Southern provinces	6
2361. <i>P. crypta</i> Mc. Kenz.	Oleander, christ's thorn, sebestan, jujube, white mulberry, mudar	Balouchestan, Kerman, Hormozgan, Khuzestan, Gilan	6,129, 252, 360, 430,765
2362. <i>P.</i> (= <i>Syngenaspis</i> ) <i>ephedrae</i> (Lind.)	Ephedra	Kerman, Yazd, Gilan, Tehran, Hamadan	6,129,252,765



Scientific name	Host	Distribution	Reference no.
2363. <i>Parlatoria morrisoni</i>	Citrus	Khuzestan	238
2364. <i>P. (= Syngenaspis) oleae</i> (Colv.) Syn.: <i>Parlatoria calianthina</i> Ber.-Leon., <i>P. affinis</i> New.	Olive,apple,pear,peach,apricot,citrus,almond,ash,love tree,roses,jasminum,lilac,oleander,pistachio,hazelnut,ash,kaki,medlar, loquat, white mulberry,barberry,elm,black poplar, rockspray,false acacia, laurel,cerasus,syringa, common lilac, clematis, yew,camellia,rose of sharon,iron tree, virginia creeper,chinese hawthorn and wild pear	Generally distributed	6,24,69, 70, 129, 142,175,176,194, 195,238,240,241, 252,256,286,360, 424,430,478,495, 664,765,788,889
2365. <i>P. (= Syngenaspis) pergandii</i> (Comst.) Syn.: <i>Parlatoria sinensis</i> Mask.	Citrus,camellia,roses, tea, camphor, laurel,cherry-laurel,arabian jasmine, chinese hawthorn,jasminum,common ivy	Gilan,Mazandaran,Gorgan,Tehran	6,69,129,194,195, 238,252,286,422, 430,450,495,664, 765
2366. <i>P. proteus</i> (Curt.)	Camellia	Gilan,Tehran and other northern provinces	6,129,252,430
2367. <i>P. (= Syngenaspis) theae</i> (Cock.)	Tea,cherry-laurel	Gilan,Mazandaran	6,69,129,252,430, 664,765
2368. <i>P. zizyphi</i> Lucas. Syn.: <i>Parlatoria lucassi</i> Targ.-Tozz., <i>P. ziziphus</i> Lucas.	Citrus	Gilan,Mazandaran,Gorgan,Khorasan	24,69, 194, 195, 238,252,286,422, 430,495,765
2369. <i>Pinnaspis (=Hemichionaspis) aspidistrae</i> (Sign.) Syn.: <i>Chionaspis latus</i> Cock.	Fan-palm,washington palm	Generally distributed	6,129,252,430, 431,765
2370. <i>Pseudaulacaspis (= Diaspis) pentagona</i> (Targ.-Tozz.) Syn.: <i>Diaspis amygdali</i> Tyron., <i>D. patelliformis</i> Sasaki	White mulberry,walnut,willow,peach,plum,garden plum	Azarbaijan,Mazandaran,Gilan and other northern and central provinces	6,61,112,128,129, 327,360,664,765, 889
2371. <i>Pseudomelanaspis minima</i> Bch.	Anabasis	Hormozgan and other southern provinces	6,129,252,430
2372. <i>Pseudotargionia orientalis</i> Bal. - Kauss.	Stochsia	Balouchestan	129,252,430,434, 765
2373. <i>Quadraspidiotus (=Diaspidiotus) armenicus</i> (Bch.) Syn.: <i>Quadraspidiotus populi</i> Bod.	Willow,poplar	East Azarbaijan , Tehran and other northern, north-western and central provinces	6,129, 252, 428, 430,436,466,765
2374. <i>Q. baiati</i> Bal. - Kauss.	Daphne	Fars	434,436,765
2375. <i>Q. ceccoonii</i> (Leon.) Syn.: <i>Aspidiotus trabuti</i> March., <i>A. herzlianus</i> Bod.	Noaea	Kermanshah	436,765
2376. <i>Q. maleti</i> Vayss.	—	In Iran	256
2377. <i>Q. ostreaeformis</i> (Curt.) Syn.: <i>Aspidiotus hippocastani</i> Sign., <i>A. oxyacanthae</i> Sign.	Rhamnus,maple,apple,poplar,willow, elm , pear , gardan plum, almond, apricot, sour-cherry,fig,olive,peach, quince	Caspian Sea area,Tehran	6,27,112,129,186, 252,428,430,495, 664

Scientific name	Host	Distribution	Reference no.
2378. <i>Quadraspidiotus perniciosus</i> Comst. Syn.: <i>Aonidiella fusca</i> Mask., <i>Aspidiotus perniciosus</i> var. <i>albopunctata</i> Cock.	Plum, garden plum, peach, pear, cherry, sour-cherry, apple, almond, quince, apricot, white thorn, false acacia, japan quince, poplar, roses, egyptian acacia, walnut, horse chestnut, teil, silk-rose, birch, oak, beech, ash, white mulberry, elm, box-wood	Gilan, Mazandaran and probably most other areas	6,69,112,128,129, 254,326,360,436, 664,765,766,888, 889
2379. <i>Q. populi</i> Bod.	Willow, poplar	Tehran	252,430,466
2380. <i>Q.</i> (= <i>Aspidiotus</i> ) <i>pyri</i> (Licht.) Syn.: <i>Aspidiotus patavinus</i> Berl., <i>A. spurcatus</i> Sign.	Apricot, fig, ash, mespilus, oriental plane, apple, cherry, sloe tree, plum and many other pomaceous and stone fruit trees	Kermanshah, Khorasan and other northern and western provinces and probably other fruit planting areas	6,128, 129, 238, 252,424,428,430, 436,664,765
2381. <i>Q.</i> (= <i>Diaspidiotus</i> ) <i>slavonicus</i> (Green) Syn.: <i>Aspidiotus transcaspianensis</i> Marl., <i>Quadraspidiotus populi</i> Bod.	Poplar, willow	Azərbaycan, Tehran, Kermanshah, Fars, Balouchestan and central provinces	6,129, 428, 436, 765
2382. <i>Q.</i> (= <i>Diaspidiotus</i> ) <i>zonatus</i> (Frau.) Syn.: <i>Aspidiotus quercus</i> Sign.	Oak, beech, fig, walnut, willow	Mazandaran and other northern provinces	6,129,252,430, 436
2383. <i>Rugaspidotus</i> (= <i>Adiscodiaspis</i> ) <i>tamaricicola</i> Mal.	Tamarisk	Khorasan, Balouchestan, Yazd, Kerman	6,117,129,252, 430,765
2384. <i>Rungaspis macrolobis</i> Kauss.	Arthropytum, anabasis, seidlitzia	Balouchestan, Kerman, Esfahan, Hormozgan	434,436,765
2385. <i>R. trabuti</i> Bal.	Mudar	Balouchestan, Hormozgan	6,129, 252, 430, 436,765
2386. <i>Salicicola</i> (= <i>Suturaspis</i> ) <i>davatchii</i> Bal. - Kauss.	Cultivated and wild pistachio	Balouchestan, Kerman, Fars, Hormozgan	6,129, 238, 252, 430,434,765
2387. <i>S.</i> (= <i>Leucaspis</i> ) <i>kermanensis</i> (Lind.)	Poplar, willow	Generally distributed	6,99,129,186,252, 428,430,466,765
2388. <i>S.</i> (= <i>Suturaspis</i> ) <i>pistaciae</i> (Lind.)	Cultivated and wild pistachio	" "	6,69,128,129,252, 430,473,495
2389. <i>Schizotargionia balachowskyi</i> Kauss. - Bal.	Tamarisk	Balouchestan, Kerman, Yazd	6,117, 129, 252, 434,765
2390. <i>Suturaspis</i> (= <i>Leucaspis</i> ) <i>archangelskyae</i> (Lind.)	Apple, pear, quince, cherry, apricot, garden plum, almond, prunus, pistachio, ash, poplar	Esfahan, Tehran, Markazi and other northern provinces and probably other areas	6,128, 129, 252, 424,430,473,664, 765
2391. <i>Targaspidotus anabasisis</i> Bal. - Kauss.	Anabasis	Hormozgan and other southern provinces	6,129,252,430
2392. <i>Targionia nigra</i> Sign.	Ucrænus, anabasis, <i>Ochrænus bacatus</i>	Balouchestan, Hormozgan, Kerman	252,430,765
2393. <i>T. vitis</i> Sign. Syn.: <i>Targionia arbutus</i> Ferr.	Grapevine, oak, oriental plane, wild pear	Gilan, Mazandaran, Gorgan, Fars	6,128, 129, 252, 430,765
2394. <i>Tecaspis</i> (= <i>Chionaspis</i> ) <i>prunorum</i> (Bch.)	Apricot, plum, almond and other fruit trees	Esfahan, Yazd, Fars, Tehran, Kermanshah	128,238,252,430, 664,765
2395. <i>Unaspis evonymi</i> (Comst.)	Evergreen euonymus	Tehran	765

Scientific name	Host	Distribution	Reference no.
2396. <i>Voraspi adlei</i> Bal. - Kauss.	Apricot,peach	Fars,Esfahan,Markazi	129,238,252,432, 433,434,664,765

### FAMILY DICTYOPHARIDAE

Scientific name	Host	Distribution	Reference no.
2397. <i>Dictyophara albata</i> Dlab.	Oak	Southern and south-western provinces	6,129
2398. <i>D. asiatica</i> Mel.	"	Markazi	6,129
2399. <i>D. europaea</i> L.	"	Fars and south-western provinces	6,129,533
2400. <i>D. exoptata</i> Dlab. - Hell.	"	Fars	533
2401. <i>D. hoberlandti</i> Dlab.	"	Fars and south-western provinces	6,129,533

### FAMILY ERIOCOCCIDAE

Scientific name	Host	Distribution	Reference no.
2402. <i>Acanthococcus abaii</i> (Danz.)	Haloxylon	Kerman	847
2403. <i>Gossyparia</i> (= <i>Eriococcus</i> ) <i>spuria</i> (Mod.) Syn.: <i>Coccus gramuntii</i> Plan., <i>C. laniger</i> Gm.	Elm,ash	Generally distributed	6,129, 186, 252, 431,476,495
2404. <i>G. ulmi</i> L.	Quince,pear,grapevine,apricot,apple, walnut,poplar	Tehran and other northern provinces	27

### FAMILY FLATTIDAE

Scientific name	Host	Distribution	Reference no.
2405. <i>Mesophantia pallens</i> Mel.	Almond,tamarisk	Kerman,Fars and other southern and south-western provinces	6,117, 129, 533, 664
2406. <i>Persepolia columbaria</i> Dlab. - Saf.	Almond	Fars and other southern and south- western provinces	6,129, 205, 533, 664

### FAMILY ISSIDAE

Scientific name	Host	Distribution	Reference no.
2407. <i>Hysteropterum repandum</i> Dlab.	Oak	Fars and other southern and south- western provinces	6,129
2408. <i>Mycterodus astragalus</i> Dlab.	Milk vetch	Western and central provinces	6,129
2409. <i>M. demavendinus</i> Dlab.	" "	" " " "	6,129
2410. <i>M. krameri</i> Dlab.	Oak	Northern provinces	6,129

### FAMILY KERMOCOCCIDAE

Scientific name	Host	Distribution	Reference no.
2411. <i>Kermococcus quercus</i> (L.) Syn.: <i>Kermococcus reniformis</i> Four.	Oak	Ilam,Kermanshah	6,129,252,648

## FAMILY LACHNIDAE

Scientific name	Host	Distribution	Reference no.
2412. <i>Cinara bagdanovi</i> Mord.	Spurce	Mazandaran	708,713
2413. <i>C. cedri</i> Mim.	Cedar	Tehran and other northern provinces	6,129,702,708
2414. <i>C. cistata</i> Buck. Syn.: <i>Cinara piceicola</i> (Chol.)	Spurce	In Iran	713
2415. <i>C. cupressi</i> (Buck.)	Cypress tree, arizona cypress, american arbor vitae	Mazandaran, Tehran	708,713
2416. <i>C. (= Neochmosis) juniperi</i> Deg.	Juniper	Khorasan and central provinces	6,129
2417. <i>C. palaestinensis</i> H.R.L.	Pine	Mazandaran, Tehran	708,713
2418. <i>C. pilinornis</i> (Hart.)	Spurce	In Iran	708,713
2419. <i>C. tujaefilina</i> (Del Guer) Syn.: <i>Lachnus biotae</i> Del Guer	Arbor vitae, cypress tree	Khuzestan, Tehran, Hamadan and other areas	6,129, 208, 209, 702, 708, 713
2420. <i>Eulachnus agilis</i> (Kalt.)	Pine, aleppo pine, black austrian corsican pine	Balouchestan, Tehran	702, 708, 713
2421. <i>E. nigricola</i> (Pasek)	Aleppo pine, black austrian corsican pine	Mazandaran	708,713
2422. <i>E. (= Lachnus) rileyi</i> Will.	Pine	Gilan, Mazandaran	6,129, 708, 713
2423. <i>E. (= Protolachnus) tuberculostemmata</i> (Theob.)	"	Generally distributed	6,129, 252, 702
2424. <i>Lachnus (=Aphis) roboris</i> (L.)	Oak, chestnut	Gilan	6,138, 185, 709, 713
2425. <i>L. swirskii persicus</i> Dav.-H.R.L. - R.	Oak	Fars	708,713
2426. <i>Neotrama caudata</i> (Del Guer)	—	Khorasan	203
2427. <i>Protrama radialis</i> Kalt.	Cichorium, common thistle	Markazi	708,713
2428. <i>Schizolachnus pineti</i> (F.) Syn.: <i>Schizolachnus tomentosus</i> Vill.	Pine	Esfahan and northern provinces	6,129
2429. <i>Trama tryglodytes</i> V. Heyd.	Artemisia, taraxacum	Tehran	708,713
2430. <i>Tuberolachnus (=Pterochlorus) salignus</i> (Gm.) Syn.: <i>Cinara saligna</i> Gm., <i>Lachnus salignis</i> Gyll.	Willow, poplar, pine, white mulberry, elm	West Azarbaijan, Tehran and other areas	6,129, 252, 370, 702, 708, 709, 713

## FAMILY MACROSTELINIDAE

Scientific name	Host	Distribution	Reference no.
2431. <i>Zyzyphoides virens</i> Hpt.	Christ's thorn	Southern provinces	6,129

## FAMILY MARGARODIDAE

Scientific name	Host	Distribution	Reference no.
2432. <i>Icerya</i> (= <i>Pericerya</i> ) <i>purchasi</i> (Mask.)	Citrus, silk-rose, acacia, maple, pine, spanish broom, roses, beef wood, plum, pomegranate, rockspray, fig, walnut, white mulberry, laurel, cherry, egyptian willow, false acacia, apple, amaranthus, liquorice, egg plant, tomato and many other ornamental and forest trees	Mazandaran, Gorgan, Gilan, Tehran, Fars and other southern provinces	6,24,69,129, 194, 195,240,252,286, 360,422,427,431, 442,443,445,495, 664
2433. <i>Neomargarodes hamelli</i> Brandt.	Cereals	East Azarbaijan, Hamadan	431
2434. <i>Porphyrophora cynodontis</i> (Arch.)	Bermuda-grass	East Azarbaijan	48
2435. <i>P.</i> (= <i>Margarodes</i> ) <i>tritici</i> (Bod.)	Wheat, barley, horay-cress, agropyron, bermuda-grass, drooping brome	East Azarbaijan, Hamadan, Kermanshah, Kordestan, Fars, Ardabil	45,252,364, 495, 506,733,862,863, 880

## FAMILY MEMBRACIDAE

Scientific name	Host	Distribution	Reference no.
2436. <i>Stictocephala</i> (= <i>Cerasa</i> ) <i>bubalus</i> (F.)	Apple, pear, garden plum, peach, apricot, plum	Tehran	238,664

## FAMILY ORTHEZIIDAE

Scientific name	Host	Distribution	Reference no.
2437. <i>Orthezia urticae</i> (L.)	Cereals, white-thorn, artemisia, milk vetch, dog-rose and other roses	Caspian Sea area, Semnan, Tehran, East Azarbaijan	6,129, 252, 431, 664

## FAMILY PEMPHIGIDAE (= Eriosomatidae)

Scientific name	Host	Distribution	Reference no.
2438. <i>Apleneura lentisci</i> Pass. Syn.: <i>Rhizobius graminis</i> Buck.	Cereals and wild pistachio	Khuzestan	373,495,713
2439. <i>Asiphonella cynodonti</i> (Das.)	Cultivated and wild pistachio	Generally distributed	6,69,129,713,839
2440. <i>A. dactylonti</i> (Das.)	Wild pistachio	In Iran	713
2441. <i>Baizongia</i> (= <i>Aphis</i> ) <i>pistaciae</i> (F.) Syn.: <i>Dasia aedificator</i> Buck., <i>Pemphigus aedificator</i> Buck.	Cultivated and wild pistachio	Gilan, Tehran	6,69,129,373,839
2442. <i>Diuraphis frequens</i> (Walk.)	Quack grass	In Iran	713
2443. <i>D.</i> (= <i>Brachycolus</i> ) <i>noxia</i> (Mor.) Syn.: <i>Cavahyalopterus graminearum</i> Nim.	Wheat, barley, poa	Fars, Esfahan, Kerman, Tehran, Balouchestan, Chahar Mahal	41,115,206, 238, 252, 373, 495, 619/1,621, 692, 693,713
2444. <i>Eriosoma lanigerum</i> Hausm. Syn.: <i>Aphis lanata</i> Sal., <i>A. lanigera</i> Hausm.	Apple, pistachio, pear, quince, white-thorn, medlar, white elm, malus and wild pear	Generally distributed	6,24,69,112,128, 129,241,252,495, 664,702,713,889

Scientific name	Host	Distribution	Reference no.
2445. <i>Eriosoma</i> (= <i>Schizoneura</i> ) <i>lanuginosum</i> (Hart.) Syn.: <i>Schizoneura lanuginosa</i> Hart., <i>S. pyri</i> Goeth.	Elm, pear, wych elm	Caspian Sea area, Tehran, West Azar- baijan	112,129,252,702, 709,713
2446. <i>E.</i> (= <i>Schizoneura</i> ) <i>ulmi</i> (L.)	Elm	Generally distributed	6,129,713
2447. <i>Geovica setulosa</i> (Pass.)	Pistachio, setaria, drooping brome	Fars	6,129,713
2448. <i>G. utricularia</i> Pass.	Pistachio, cereals, setaria	Mazandaran, Tehran	69,127,373,713
2449. <i>G. utrimaculata muticæ</i> Mord.	Pistachio	Kerman, Fars	473
2450. <i>Hysteroneura setariae</i> (Thom.)	Setaria	In Iran	713
2451. <i>Kaltenbachella pallida</i> (Hal.)	Elm	Northern and central provinces	6,129
2452. <i>Paracletus ciciformis</i> V. Heyd.	Wild pistachio and cereals	In Iran	713
2453. <i>Pemphigella cornicularia</i> Pass.	Pistachio	Kerman, Fars	473
2454. <i>Pemphigus borealis</i> Tull.	Poplar	Azərbayjan, Tehran, Markazi	6,99,129,185,252, 370,466,702,713
2455. <i>P.</i> (= <i>Aphis</i> ) <i>bursarius</i> (L.) Syn.: <i>Rhizobius lactucae</i> Fitch., <i>R. pilosellæ</i> Burm.	Poplar, black poplar, willow	Azərbayjan, Kermanshah, Ilam, Gilan, Mazandaran, Gorgan, Hamadan, Tehran, Markazi, Zanjan, Chahar Mahal	6,99,129,185,209, 252,370,466,495, 702,713
2456. <i>P. filaginis</i> (B.D.F.)	Poplar, willow	Tehran and other northern provinces	6,99,129,370
2457. <i>P. fuscicornis</i>	Sugar-beet	Khorasan, Esfahan, Kerman, Tehran, Ardabil	203
2458. <i>P. immunis</i> Bock. Syn.: <i>Pemphigus lichtensteini</i> Tull.	Poplar, willow	Kermanshah, Khuzestan and other western provinces	6,129, 208, 252, 370,713
2459. <i>P. pollidus</i> Derb.	Pistachio	Fars, Kerman	473
2460. <i>P. populi</i> Couch.	Black poplar	Mazandaran	706,713
2461. <i>P. protospiræ</i> Licht.	Poplar, willow and Umbelliferae fa- mily plants	Central provinces	6,129,370
2462. <i>P.</i> (= <i>Bryocrypta</i> ) <i>spirothecæ</i> (Pass.) Syn.: <i>Pemphigus affinis</i> Koch, <i>P. tortuosus</i> Rud.	Poplar, black poplar	Generally distributed	6,99,129,185,252, 370,466,702,713
2463. <i>P.</i> (= <i>Pemphiginus</i> ) <i>vesicalis</i> (Pass.)	Poplar	" "	6,129, 185, 252, 370,466,702,713
2464. <i>Prociphatus fraxini</i> Geof.	Ash	" "	6,129
2465. <i>Rectinasus buxtoni</i> Theob.	Wild pistachio	In Iran	713
2466. <i>Slavum esfandiarii</i> Dav.-Rem.	Pistachio	Fars	6,129,839
2467. <i>S. lentiscoides</i> Mord.	Cultivated and wild pistachio	Fars and most other pistachio planti- ng areas	6,69,129,238,713, 839
2468. <i>S. mordvilkovii</i> Kreutz.	Pistachio	Khorasan and most other pistachio planting areas	6,129, 238, 713, 839

Scientific name	Host	Distribution	Reference no.
2469. <i>Slavum wertheimae</i> H.R.L.	Pistachio	Fars, Khorasan and other pistachio planting areas	6,238,713,839
2470. <i>Smythurodes betae</i> Westw. Syn.: <i>Amycla albicornis</i> Koch, <i>Pemphigus globosus</i> Walk.	Pistachio, sugar-beet, potato, black-weed	West Azarbaijan, Khorasan and other pistachio planting areas	129,461,709,713, 839
2471. <i>Tetraneura africana</i> (V.D.G.)	Bermuda-grass	Mazandaran, Khuzestan	208,273,713
2472. <i>T. caerulea</i> (Pass.)	Elm	Mazandaran, Markazi	6,129,209,702, 713
2473. <i>T. (= Tetraneurella) nigroabdominalis</i> (Sasaki)	Cereals and wych elm	Mazandaran	209,373,713
2474. <i>T. (= Brysocrypta) ulmi</i> (L.) Syn.: <i>Tetraneura ulmifoliae</i> Bak., <i>T. caerulea</i> (Pass.)	Elm, poa, sorghum, wheat and other cereals	Tehran, Mazandaran, Gorgan, West Azarbaijan and other northern and central provinces	6,112, 127, 129, 240,373,495,500, 619/1, 702, 703, 713
2475. <i>Thecabius affinis</i> Kalt.	Poplar	Azarbaijan, Tehran, Markazi	129,466,702,713

#### FAMILY PHLOEOMYZIDAE

Scientific name	Host	Distribution	Reference no.
2476. <i>Phloeomyzus (= Pemphigus) passerini</i> (Sign.) Syn.: <i>Phloeomyzus redelei</i> H.R.L.	Black poplar, white poplar, willow	East and West Azarbaijan, Kermanshah, Tehran, Esfahan, Markazi, Khorasan, Zanjan, Lorestan, Hamadan	99,129,185, 252, 286,370,466,702, 709,713
2477. <i>P. redelei</i> H.R.L.	Poplar	Generally distributed	6

#### FAMILY PHOENICOCCIDAE

Scientific name	Host	Distribution	Reference no.
2478. <i>Phoenicoccus (= Sphaerococcus) marlattii</i> (Ck.)	Date-palm, fan-palm	Khorasan, Esfahan, Tehran, Khuzestan, Kermanshah, Fars, Balouchestan, Kerman and probably other date-palm planting areas	6,24,69,112,128, 129,252,427,435, 765

#### FAMILY PHYLLOXERIDAE

Scientific name	Host	Distribution	Reference no.
2479. <i>Acanthohermes quercus</i> Koll.	Oak	In Iran	713

#### FAMILY PSEUDOCOCCIDAE

Scientific name	Host	Distribution	Reference no.
2480. <i>Antonina crawi</i> Ck. Syn.: <i>Antonina bombusae</i>	Bamboo	Gilan	129,252
2481. <i>Brevennia rehi</i> (Lindb.)	Christ's thorn	Khuzestan	77
2482. <i>Dysmicoccus boninsis</i> (Kuw.)	Lactuca	"	77
2483. <i>Naiacoccus minor</i> Green	Tamarisk	Balouchestan, Fars	6,129,252
2484. <i>N. serpentinus</i> Green	"	" "	129,252

Scientific name	Host	Distribution	Reference no.
2485. <i>Nipaeococcus vastator</i> Mask. Syn.: <i>Dactylopius perniciosus</i> New. - Will.	—	In Iran	495
2486. <i>N. viridis</i> (News.)	White mulberry, lime tree, tamarisk, oleander, pomegranate	Khuzestan	77
2487. <i>Phenacoccus</i> (= <i>Pseudococcus</i> ) <i>aceris</i> Sign. Syn.: <i>Phenacoccus farinosus</i> Mod., <i>P. quercus</i> Dougl.	Maple, ash, white mulberry, quince, apple, cypress tree, oriental plane	Markazi, Esfahan, Caspian Sea area, Tehran and most other areas	6,129, 252, 476, 664,887
2488. <i>P. euphorbiaefollis</i> Bod.	Euphorbia	Kermanshah	431
2489. <i>P. sherbinovskiy</i> Bod.	—	Balouchestan	431
2490. <i>Planococcus</i> (= <i>Pseudococcus</i> ) <i>citri</i> (Risso.) Syn.: <i>Pseudococcus vitis</i> Niet., <i>P. ceratoniae</i> Sign.	Fig, grapevine, citrus, pomegranate, mulberry, oriental plane, maple, ole- ander, tamarisk	Caspian Sea area, Zanjan, Tehran and most other areas	6,77,112,129,142, 176,195,240,252, 360,431,476,495
2491. <i>P. cryptus</i> (Hemp.)	—	Gilan	360
2492. <i>P. ficus</i> (Sign.)	Fig	Markazi, Gilan, Khuzestan	77,360,602
2493. <i>Pseudococcus adonidum</i> L. Syn.: <i>Dactylopius longispinus</i> Targ., <i>Pseudococcus lon- gispinus</i> Targ.	Euonymus, acacia, begonia, fan-palm, cycas, prim-rose, grapevine, citrus, ev- ergreen euonymus, washington palm	Gilan, Mazandaran, Tehran, East Azar- baijan, Fars	6,129,238,252, 431,476
2494. <i>P. affinis</i> (Mask.) Syn.: <i>Pseudococcus obscurus</i> Essig, <i>P. maritimus</i> (Ehrh.)	—	Gilan	252,357,360
2495. <i>P. (= Dactylopius) comstocki</i> Kuw.	Citrus, ash	Tehran	238,476
2496. <i>P. (= Dactylopius) filamento- sus</i> (Ck.) Syn.: <i>Dactylopius vastator</i> Mask.	Citrus, grapevine, white mulberry, cotton, pomegranate, oleander, fig	Gilan, Mazandaran, Hormozgan, Ker- man, Balouchestan, Fars	6,69,128,129,194, 195,252,431,446, 448,476
2497. <i>P. (= Dactylopius) maritimus</i> (Ehrh.) Syn.: <i>Pseudococcus obscurus</i> Essig, <i>P. omniverae</i> Holl.	Citrus, false acacia, maple, tung, pine, grapevine, white mulberry, japan quince, euonymus, evergreen euony- mus, clematis, catalpa, wistaria, chine- se hawthorn, arbor vitae, rose of sh- aron, acacia, cypress tree, buckthorn, false walnut, laurel, oleander, bead tree, tea, <i>Cupressus sempervirens</i> var. <i>horizontalis</i>	Gilan, Mazandaran, Esfahan	6,24,69,128,129, 252,427,431,450, 476
2498. <i>P. (= Coccus) vitis</i> (Nied.) Syn.: <i>Planococcus citri</i> Risso, <i>Pseudococcus citri</i> Risso	Grapevine, citrus, fig, white mulberry, pomegranate, cucumber and some ornamental plants	Generally distributed	6,24,128,129,427
2499. <i>Rhizococcus araucariae</i> (Mask.)	Araucaria	In Iran	252
2500. <i>Trionimus (= Coccus) amaryl- lidis</i> (Lino.) Syn.: <i>Pseudococcus hibernicus</i> New.	Amaryllis	Fars	129,252,476



## FAMILY PSYLLIDAE

Scientific name	Host	Distribution	Reference no.
2501. <i>Cyamophila dicora</i> Logi.	Astragale	Esfahan, Chahar Mahal	129,240,247,248, 603
2502. <i>Psylla alni</i> L.	Alder	Northern provinces	6,129
2503. <i>P. costalis</i> Flor.	Apple	Tehran	238,664
2504. <i>P. crataegi</i> Schr.	White-thorn	"	664
2505. <i>P. mail</i> Schm. Syn.: <i>Psylla dubia</i> Forst., <i>P. crataegicola</i> Forst.	Apple	Fars, Tehran	80,112,664
2506. <i>P. (= Psyllia) pyricola</i> (Forst.)	Pear, wild pear, plantago, taraxacum	Caspian Sea area, Tehran, Khorasan, Esfahan and other pear planting areas	6,69,70,128, 129, 176,186,190,199, 238,240,252,664, 668,889
2507. <i>P. pyrisuga</i> Forst.	Pear	East Azarbaijan, Gilan, Mazandaran	238,664
2508. <i>Psyllopsis (= Phyllopsis) fraxini</i> (L.)	Ash	Generally distributed	6,129
2509. <i>P. (= Phyllopsis) fraxinicola</i> (Foers.)	"	" "	6,129,252
2510. <i>Trioza (= Egeirotrioza) ceardi</i> Ber.	Poplar, sind poplar	" "	6,129,252
2511. <i>T. chenopodi</i> Reut.	Sugar-beet	Esfahan, Khuzestan	69,461

## FAMILY RICANIIDAE

Scientific name	Host	Distribution	Reference no.
2512. <i>Ricania hedenborgi</i> Stal	—	Fars	533

## FAMILY TETTIGOMETRIDAE

Scientific name	Host	Distribution	Reference no.
2513. <i>Tettigometra costulata</i> Fieb.	Oak, pear	Mazandaran and other northern and western provinces	6,129,664
2514. <i>T. sulphurea</i> M. - R.	—	Fars	533
2515. <i>T. vitellina</i> Fieb.	Tamarisk	"	117,533

## FAMILY THELAXIDAE

Scientific name	Host	Distribution	Reference no.
2516. <i>Mindarus abietinus</i> Koch	Nordmann fir	In Iran	713
2517. <i>Thelaxes dryophylla</i> (Schr.)	Persian oak	" "	713
2518. <i>Th. suberis</i> (Del Guer)	Oak	Western and south-western provinces	6,129,713

## FAMILY TROPIDUCHIDAE

Scientific name	Host	Distribution	Reference no.
2519. <i>Ommatissus</i> (= <i>Ommatidiotus</i> ) <i>binotatus</i> (Fieb.)	Date-palm	Khuzestan, Fars, Esfahan, Kerman	24, 240, 252, 286, 514, 889
2520. <i>O.</i> (= <i>Ommatidiotus</i> ) <i>binotatus</i> var. <i>lybicus</i> (Berg.)	Date-palm, fan-palm, dwarf-palm	Khorasan, Fars, Kermanshah, Esfahan, Yazd, Khuzestan, Kerman, Balouchestan and most other date-palm planting areas	6, 24, 128, 129, 277, 300, 307

## FAMILY TYPHLOCYBIDAE (= Eupterygidae)

Scientific name	Host	Distribution	Reference no.
2521. <i>Edwardsiana elborzica</i> Dlab.	Alder	Caspian Sea area	6, 129
2522. <i>E. iranica</i> Zach.	Oriental plane	Generally distributed	6
2523. <i>E. salicicola</i> Edw.	Willow	Balouchestan	6
2524. <i>Typhlocyba</i> (= <i>Edwardsiana</i> ) <i>rosae</i> (L.) Syn.: <i>Typhlocyba pteridis</i> Dahlb., <i>T. lactea</i> Dgl.	Roses, corn, apple, pear, almond, cherry, sour-cherry, grapevine, oriental plane, apricot, garden plum, peach, plum, loquat, medlar, johnson grass	Generally distributed	70, 127, 128, 129, 176, 198, 238, 252, 591, 664, 673, 714, 852
2525. <i>Zygina krueperi</i> Fieb.	—	Fars	533
2526. <i>Zyginidia</i> (= <i>Erythroneura</i> ) <i>asiatica</i> (V. - K.)	Lucerne, cotton, cucumber	North-western provinces	252
2527. <i>Z. sohrab</i> Zach. Syn.: <i>Zyginidia coacta</i> Rib.	Sugar-beet	Tehran	461, 495

## ORDER NEUROPTERA

## FAMILY BEROOTHIDAE

Scientific name	Host	Distribution	Reference no.
2528. <i>Sphaerobrotha resli</i>	Light trap	Hormozgan	521

## FAMILY CHRYSOPIDAE

Scientific name	Host	Distribution	Reference no.
2529. <i>Anisochrysa flavifrons</i> Brau.	Predator	In Iran	361
2530. <i>A. genei</i> Ramb.	"	" "	361
2531. <i>A. prasina</i> Brum.	"	" "	361
2532. <i>Chrysopa caruca</i> Steph.	Predator of aphids	Hormozgan, Tehran, Markazi	377
2533. <i>C. dubitans</i> Mol.	Predator and collected on lucerne	Tehran, Zanjan, Kermanshah	290, 359, 361, 519
2534. <i>C. flava</i> Scop.	Predator of aphids	Tehran	377
2535. <i>C. flavifrons</i> Br.	" " "	"	664
2536. <i>C. formo</i> Brau.	Predator of <i>Sitobion avenae</i>	Mazandaran, Gorgan	174
2537. <i>C. formosa</i> Br.	Predator of aphids	" "	32, 170, 361

Scientific name	Host	Distribution	Reference no.
2538. <i>Chrysopa iranica</i> Holz.	Predator of aphids	Tehran,Zanjan	290
2539. <i>C. nigricostata</i> Brau.	Predator	In Iran	361
2540. <i>C. perla</i> L.	Predator of aphids and mites	Fars,Esfahan	80,664
2541. <i>C. septempunctata</i> Wesm.	Predator of aphids and collected on punica, citrus , wild pear and other fruit trees	Mazandaran,Gorgan,Tehran,Markazi, Kermanshah	359,361,377,519, 664
2542. <i>C. sogdianica</i> McLach.	Predator	In Iran	361
2543. <i>C. ventralis</i>	Predator of aphids	Tehran	665
2544. <i>C. viridana</i> Schn.	Predator	Kermanshah	360,519
2545. <i>C. vulgaris</i> Sch.	Predator of aphids,psyllids, leafhoppers, <i>Panonychus ulmi</i> and other insects and mites	Caspian Sea area , Gorgan , West Azarbaijan, Tehran and most other areas	80,252,256, 321, 377,590,664,889
2546. <i>C. walkeri</i> McLach.	Predator	In Iran	361
2547. <i>Chrysoperla</i> (= <i>Chrysopa</i> ) <i>carnea</i> (Steph.)	Predator of <i>Psylla pyricola</i> , <i>Empoasca decipiens</i> , <i>Bemisia tabaci</i> , <i>Sitobion avenae</i> , <i>Sesamia nonagrioides</i> , <i>Saissetia oleae</i> , <i>Parlatoria oleae</i> and other aphids and mites and collected on sugar-beet and fruit trees	Kermanshah, Tehran, Zanjan, Yazd, Kerman, Khorasan, Semnan, Hamadan, Azarbaijan, Kordestan, Markazi, Lorestan , Kohkilouye , Esfahan , Chahar Mahal , Khuzestan , Mazandaran, Gorgan	15,52, 170, 174, 290,361,412,519, 564,664,728,729
2548. <i>C. iranica</i> Holz.	Predator of <i>Sitotroga cerealella</i>	Zanjan	355,361
2549. <i>C. mutata</i> McLach.	Predator	In Iran	361
2550. <i>Chrysotropia ciliata</i> McLach.	"	" "	361
2551. <i>Italochrysa italica</i> Rossi	"	" "	353,360
2552. <i>I. stigmatica</i> Ramb.	"	" "	361
2553. <i>Mallada derbendica</i> Holz.	"	Kermanshah	361,520
2554. <i>M. flavifrons</i> (Brau.)	Predator of <i>Bemisia tabaci</i>	Fars	52
2555. <i>Suarius fedtschenkoi</i>	—	Kermanshah	519
2556. <i>S. gobiensis</i> Tj.	—	Esfahan	357
2557. <i>S. mongolica</i> Tj.	Predator	Khorasan,Gorgan,Tehran	359,361
2558. <i>S. nanus</i> McLach.	Predator of aphids	Balouchestan,Tehran,Esfahan,Kermanshah	359,361,377,519
2559. <i>S. paghamana</i>	Light trap	Kermanshah	520
2560. <i>S. pagbusanus</i> Holz.	Predator of aphids	Tehran	377
2561. <i>S. vartianae</i> Holz.	" " "	Tehran, Kermanshah	377,520

#### FAMILY CONIOPTERYGIDAE

Scientific name	Host	Distribution	Reference no.
2562. <i>Coniopteryx deserta</i>	Light trap	Hormozgan	521

Scientific name	Host	Distribution	Reference no.
2563. <i>Helicoconis kurdica</i>	Light trap	Hormozgan	521

### FAMILY HEMEROBIIDAE

Scientific name	Host	Distribution	Reference no.
2564. <i>Hemerobius zernyi</i>	Light trap	Kermanshah	520
2565. <i>Micromus</i> sp.	Predator of aphids	Mazandaran	32
2566. <i>Symphorobius pygmaeus</i> Ramb.	—	"	519
2567. <i>S.</i> sp.	Predator of <i>Pseudococcus citri</i> , <i>Phe-nacoccus aceris</i> and other mealy- bugs	Caspian Sea area	252
2568. <i>Wesmaelius navasi</i>	—	Mazandaran	519

### FAMILY MYRMELEONTIDAE

Scientific name	Host	Distribution	Reference no.
2569. <i>Creoleon elegans</i>	Light trap	Kermanshah	520
2570. <i>C. remanei</i>	" "	"	520
2571. <i>Cueta minervae</i>	" "	Hormozgan	521
2572. <i>Myrmecaelurus trigrammus</i> Pall.	" "	Kermanshah	520
2573. <i>Neuroleon tenellus</i>	" "	"	520
2574. <i>Parapalpars solidus</i>	" "	"	520

### FAMILY NEMOPTERIDAE

Scientific name	Host	Distribution	Reference no.
2575. <i>Dielocroce elegans</i>	Light trap	Hormozgan	521
2576. <i>Olivierina extensa</i>	" "	Kermanshah	520

## ORDER COLEOPTERA

### FAMILY ALLECULIDAE (= Cistelidae)

Scientific name	Host	Distribution	Reference no.
2577. <i>Omophilus betulae</i> Kust.	—	East Azarbaijan	120
2578. <i>O. caucasicus</i> Kirsch.	Sunflower	In Iran	252
2579. <i>O. lepturoides</i> F.	Cherry, apricot, apples and someti- mes on wheat and barley	Tehran, Markazi, Khorasan, Hamadan, Lorestan, Fars, Kermanshah, Kordestan, Esfahan	665
2580. <i>Omophilus pilicollis</i> Men.	Sugar-beet, mustard, wheat and oth- er cereals and truck crops	Khorasan, Tehran, Mazandaran, Gilan and central provinces	252, 461, 754
2581. <i>Podonta daghestanica</i> Reit.	—	In Iran	110

## FAMILY ANOBIIDAE

Scientific name	Host	Distribution	Reference no.
2582. <i>Anobium denticolae</i> Pz.	Dried woods of pine and poplar	Northern and central provinces	6,129
2583. <i>A. domesticum</i> Geoff.	Woody furniture	Tehran	26,614
2584. <i>A. punctatum</i> De G. Syn.: <i>Anobium domesticum</i> Geoff.	Pine, poplar, alder, oak, ash, walnut and other hard wood and coniferous timbers used in construction and furniture	Tehran, Gilan, central and northern provinces and probably other areas	6,26,129,252,614,786
2585. <i>Araecerus fasciculatus</i> (De G.)	Dried fruits, seed of cotton and coffee	Generally distributed	786
2586. <i>Ernolius mollis</i>	—	In Iran	614
2587. <i>Lasioderma serricorne</i> F. Syn.: <i>Lasioderma testaceum</i> Duft. , <i>L. rufescens</i> Strum.	Tobacco products especially cigarette and dried leaves and materials used in stuffing furniture, seeds and other dried plant products especially those used as drugs, black and red pepper (in granary, tobacco factory and cigar store)	Generally distributed	26,50,69,105,252,614,775,786
2588. <i>Stegobium</i> (= <i>Anobium</i> ) <i>panicum</i> (L.) Syn.: <i>Sitodrepa panicea</i> L., <i>S. ferrugineum</i> Hbst.	All dry plant and animal products and bread, cookie, tobacco and insect collection, wood, paper, seed, book, grains, legumes and their products and also barley (in granary)	" "	50,69, 184, 252, 614,775,786
2589. <i>Xyletinus pallens</i> Germ.	Tobacco and related products	Most of areas	252,786

## FAMILY ANTHICIDAE

Scientific name	Host	Distribution	Reference no.
2590. <i>Anthicus floralis</i> (L.)	Different stored products	Mazandaran	786

## FAMILY ATTELABIDAE

Scientific name	Host	Distribution	Reference no.
2591. <i>Attelabus chalybaeus</i> Dan.	White hawthorn, apple	East Azarbaijan and other northern provinces	129,252,665
2592. <i>A. curculionoides</i> L.	Oak	Northern and north-western provinces	6
2593. <i>A. nitens</i> Scop. Syn.: <i>Attelabus curculionoides</i> L., <i>A. coccineus</i> Fourc.	Oak, chestnut, alder, maple and probably willow	" " " " "	6,108,129
2594. <i>Byctiscus</i> (= <i>Rhynchites</i> ) <i>betulae</i> (L.) Syn.: <i>Byctiscus betuleti</i> F., <i>B.alni</i> Mull.	Birch, horn beam, wych elm, teil, willow, chestnut, beech, siberian elm, poplar, grapevine, pear, apple, plum, sour-cherry, quince, roses	Azarbaijan, Zanjan, Markazi, Tehran and other northern provinces	6,27,108,112,129,252,466,665
2595. <i>Rhynchites aequatus</i> L. Syn.: <i>Rhynchites purpureus</i> Thoms., <i>R. ruber</i> Fourc.	—	In Iran	382
2596. <i>R. auratus</i> Scop. Syn.: <i>Rhynchites aurifer</i> Ol., <i>R. rectirostris</i> Gyll.	Cherry, sour-cherry, apricot, apple, garden plum, almond, cerasus	Esfahan, Fars, Zanjan, Kerman, Hamadan, Tehran, Khorasan and other northern provinces	24,26,69,70,108,128,176,240,382,665,722

Scientific name	Host	Distribution	Reference no.
2597. <i>Rhynchites auratus ferganensis</i> L.	Apple, cherry, sour-cherry, almond, apricot, cerasus	Azərbaycan, Zəncan, Təhran, Xorasan, Fars and central provinces	6,26,129,252
2598. <i>R. bacchus</i> L. Syn.: <i>Rhynchites lactus</i> Germ., <i>R. auratus</i> Steph.	Apple, pear, plum, cherry, sour-cherry, peach, apricot, laurel, cherry laurel, cerasus	Tehran and other northern provinces	6,24,108,112,128,129,252,382
2599. <i>R. (= Hexarthrum) cuilnaris</i> (Germ.)	Poplar	Generally distributed	6,129
2600. <i>R. cupreus</i> (L.) Syn.: <i>Rhynchites metallicus</i> Schr., <i>R. aeneus</i> Latr.	Garden plum, cherry, sour-cherry, apple, apricot	Tehran and probably other northern provinces	24,26, 128, 252, 382
2601. <i>R. giganteus</i> Kryn. Syn.: <i>Rhynchites versicolor</i> Costa	Pear and sometimes on apple, garden plum, sour-cherry, apricot, sloe tree, white hawthorn	Northern provinces	6,24,129,252
2602. <i>R. heros</i> L. Syn.: <i>Rhynchites mongolicus</i> Voss.	Cherry, apricot, plum, garden plum	Tehran, Mazandaran	108,128,252,665
2603. <i>R. hungaricus</i> Fuess.	Dog-rose	In Iran	129,252
2604. <i>R. (= Conorrhynchus) pauxillus</i> (Germ.) Syn.: <i>Rhynchites atroceruleus</i> Steph., <i>R. persicus</i> Gyll.	Apple, pear, cherry, garden plum, medlar, white hawthorn, white-thorn and many other Rosaceae family plants	" "	108,129,252,382
2605. <i>R. pubescens</i> F. Syn.: <i>Rhynchites parallinus</i> Gyll., <i>R. multipunctatus</i> Bach.	—	" "	382
2606. <i>R. smyrnensis</i> Debr.	Cherry, sour-cherry, garden plum, apricot, plum, apple	Tehran	108,128,665
2607. <i>R. versicolor</i> Costa Syn.: <i>Rhynchites giganteus</i> Kryn., <i>R. rectirostris</i> Gyll.	Pear and other pomaceous fruit trees	In Iran	108,128,382,665
2608. <i>R. zaitzevi</i> Kies. Syn.: <i>Rhynchites serafschanicus</i> Voss.	Amygdalus	" "	108,129,252

## FAMILY BIPHYLLIDAE

Scientific name	Host	Distribution	Reference no.
2609. <i>Diplocoelus fagi</i> Del Guer	Beech	Northern provinces	6,129

## FAMILY BOSTRICHIDAE (= Bostrychidae)

Scientific name	Host	Distribution	Reference no.
2610. <i>Apate monachus</i> F. Syn.: <i>Apate mendica</i> Ol., <i>A. gibba</i> F.	Olive, silk-rose, eucalyptus, tamarisk and many other fruitful and fruitless trees	Northern and southern provinces	6,110,129
2611. <i>Phonapate frontalis</i> Fah.	Date-palm, fan-palm	Generally distributed	6,128,129

Scientific name	Host	Distribntion	Reference no.
2612. <i>Rhizopertha dominica</i> Ol. Syn.: <i>Rhizopertha pusilla</i> F.	All kinds of husked and unhusked grains , dried fruits and also wheat,barley,corn, rice, biskuit, bread, cookie, bran,bean,wood and animal skin (in granary)	Generally distributed	50, 70, 184,252, 458,775,786
2613. <i>Scobicia chevrieri</i> Vill. Syn.: <i>Scobicia pustulata</i> F.	Pistachio, fig,white mulberry,eucalyptus,walnut,tamarisk	" "	6,26,128,129,252
2614. <i>S. pustulata</i> F.	—	Northern provinces	26
2615. <i>Sinoxylon sexdentatum</i> Ol. Syn.: <i>Sinoxylon chalcographum</i> Panz., <i>S. bidens</i> F.	Apple,siberian elm,pear,peach	East Azarbaijan,Hamadan,Zanjan and other northern provinces	6,110, 128, 129, 662,665
2616. <i>Xylogenes dilatatus</i> Rtt.	Tamarisk	Southern and central provinces	6,117,129,252
2617. <i>Xylopertha (=Xylonites) reflexicauda</i> (Les.)	Fig,pistachio,oak,white mulberry	Esfahan,Fars,Tehran,Gilan and other northern provinces	6,110,129

#### FAMILY BRACHINIDAE

Scientific name	Host	Distribution	Reference no.
2618. <i>Brachinus crepitans</i>	—	Tehran	26
2619. <i>B. longipalpis kharazii</i> n. ssp.	—	Balouchestan	577

#### FAMILY BRUCHIDAE

Scientific name	Host	Distribution	Reference no.
2620. <i>Acanthoscelides mimosae</i> F.	Seeds of egyptian acacia and <i>Prosopis juliflora</i>	Hormozgan	140
2621. <i>A. (= Bruchus) obtectus</i> (Say) Syn.: <i>Bruchus fabae</i> Fitch., <i>Acanthoscelides irsectus</i> Fahr.	Bean and other legumes and sometimes on wood and cork	Generally distributed	110,240,775,786, 889
2622. <i>Bruchidius cisti</i> F.	Different cereals	In Iran	786
2623. <i>B. poupillieri</i> All.	Seeds of alhagi	Khorasan	70
2624. <i>B. unicolor</i> Ol. Syn.: <i>Bruchidius olivaceus</i> Germ., <i>B. virescens</i> Boh.	Sainfoin and other legumes	Esfahan	786,876
2625. <i>Bruchus atomarius</i> L.	—	Southern provinces	110
2626. <i>B. dentipes</i> Baud.	Vicia	In Iran	110
2627. <i>B. dentipes ochraceosignatus</i> Meud.	Bean,broad bean and other stored legumes	East Azarbaijan	252,786
2628. <i>B. emarginatus</i> All.	Cowpea,pea and other legumes	North-western provinces	786
2629. <i>B. ervi</i> Frohl. Syn.: <i>Bruchus sertatus</i> Ill., <i>B. bipunctatus</i> Sulz.	Lentil	East Azarbaijan,Khuzestan	50,379,786

Scientific name	Host	Distribution	Reference no.
2630. <i>Bruchus hamatus</i> Mill.	Vicia	Fars	140
2631. <i>B. lentis</i> Frohl.	Lentil	Generally distributed	50,70, 110, 182, 240,252,775,786
2632. <i>B. pisorum</i> L. Syn.: <i>Bruchus pisi</i> L., <i>B. salicis</i> Scop.	Pea and also on silk-rose	" "	6,50,127,129,182, 240,252,379,775, 786
2633. <i>B. rufimanus</i> Boh. Syn.: <i>Bruchus fabae</i> Motsch., <i>B. velutinus</i> Muls.	Broad bean,pea,bean and sometimes on lentil	" "	50,70, 127, 182, 240,252,775,786
2634. <i>B. tristis</i> Boh.	Pea,bean	Western provinces	786
2635. <i>Callosobruchus analis</i> (F.)	Bean and other legumes	In Iran	786
2636. <i>C. chinensis</i> L. Syn.: <i>Callosobruchus pectoratornis</i> L., <i>C. rufus</i> Deg.	Broad bean,pea,bean,common pea, lentil,earth nut	East Azarbaijan,Fars,Esfahan,Khuzestan,Gilan,Mazandaran,Tehran,Zanjan, Khorasan and southern and central provinces	50,70, 110, 240, 252,569,775,786, 889
2637. <i>C. maculatus</i> F. Syn.: <i>Callosobruchus quadrimaculatus</i> F., <i>C. barbicornis</i> F.	Bean,pea,common pea,cowpea, chickling vetch	Generally distributed	50,70, 110, 148, 240,569,775,786, 841,845,889
2638. <i>C. quadrimaculatus</i> F.	—	Tehran	142,188
2639. <i>Pachymerus</i> (= <i>Bruchus</i> ) <i>acaciae</i> (Gyll.) Syn.: <i>Caryohorus pallidus</i> Ol., <i>Pachymerus pallidus</i> Ol.	<i>Prangus uloptera</i> and egyptian acacia	Esfahan, Hormozgan, Balouchestan, Khuzestan,Fars	70,106,110, 129
2640. <i>Specularius bridwelli</i> Ar.	<i>Rhynchosia schimperi</i>	Hormozgan	140
2641. <i>Spermophagus sericeus</i> Geoffr.	Apple , pear, cherry, horay cress, morning glory	Khorasan	384,665

## FAMILY BUPRESTIDAE

Scientific name	Host	Distribution	Reference no.
2642. <i>Aata finchi</i> Wat.	—	Hormozgan,Kerman	752,775
2643. <i>Acmaeodera adspersula</i> Ill.	Almond,plum	Kernman, Yazd	655,665
2644. <i>A. brevipes</i> Kies.	—	Kordestan	659
2645. <i>A. bushirensis</i> Oben.	Dried wood of acacia	Southern provinces	129
2646. <i>A. cuprifera escalerae</i> Oben.	—	Gilan	655
2647. <i>A. cuprinula</i> Reit.	—	Lorestan,Tehran	659
2648. <i>A. flavofasciata</i> Pill. Syn.: <i>Acmaeodera persica</i> Mann.	Juniper	In Iran	252
2649. <i>A. irrorata</i> Reit	—	Kerman	655
2650. <i>A. lugens</i> Gory.	Almond	Zanjan	655,665
2651. <i>A. obscura</i> Reit.	—	Tehran	26.655



Scientific name	Host	Distribution	Reference no.
2652. <i>Acmaeodera taeniata persica</i> Mann.	—	Balouchestan	655
2653. <i>Acmaeodrella nannorrhopsicola</i> Voll.	Egyptian acacia	Southern provinces	6
2654. <i>A. safavi</i> Desc.	—	Fars	661
2655. <i>A. sp. nr. fatima</i> Poch.	—	"	659
2656. <i>A. sp. nr. philistina</i> Oben.	—	Balouchestan	659
2657. <i>Agrilus biguttatus</i> F.	Oak	Northern provinces	6,26,129,252,877
2658. <i>A. haustulifer</i> Ratz.	Oak,alder	In Iran	129,252
2659. <i>A. hermineus</i> Ab.	Horn beam	Northern provinces	6,26,129
2660. <i>A. roscidus</i> Kiessw.?	Peach,almond,apricot,plum,garden-plum,cherry,pear	Tehran,Markazi,Hamadan, Lorestan, Zanjan,Kermanshah	665
2661. <i>A. sinuatus</i> Ol. Syn.: <i>Agrilus chryseis</i> Curt.	Pear,apple,white hawthorn,medlar,ash,sorb-tree,sorb,quince,mespitis	Aza-baijan and other northern and central provinces	6,128, 129, 252, 655
2662. <i>A. viridicaerulans esfandiari-nus</i> Oben.	Pistachio	Zanjan, Fars,Kordestan,Kerman and most other pistachio planting areas	6,110, 129, 252, 655,661,752
2663. <i>A. viridis</i> (L.) Syn.: <i>Agrilus linearis</i> Panz., <i>A. viridipennis</i> Cast.	Pistachio,maple,alder,beech,poplar,willow,gosseberry,oak	Zanjan, Fars, Kerman and northern provinces	6,27,110,129,252
2664. <i>Anthaxia aladin</i> Oben.	—	Hamadan	659
2665. <i>A. amasina amasina</i> Dan.	<i>Cupressus sempervirens</i> var. <i>horizontalis</i> and milk vetch	Kordestan and northern and north-western provinces	6
2666. <i>A. anatolica</i> Chev.	Ferula	Kerman and northern provinces	252,659
2667. <i>A. angustipennis</i> Klug	Egyptian acacia	Southern provinces	6,129
2668. <i>A. (=Haplantaxia) armenica</i> (Oben.)	Fig	Kohkilouye	6,129
2669. <i>A. (=Haplantaxia) armenica armenica</i>	Cedar	Western provinces	6,129
2670. <i>A. (=Haplantaxia) aspera</i> (Bily)	Fig	Fars	6,129
2671. <i>A. bicolor</i> Fald.	Garden plum,apricot,peach,ash	East Azarbaijan,Tehran	120,129,252,665
2672. <i>A. brevis</i> Cast. - Gory.	Pistachio	In Iran	110
2673. <i>A. cichorii</i> Ol.	Apple,pear,garden plum,cherry,oak,beech, willow,iron tree,apricot,siberian elm,cerasus and probably dried wood of ston fruit trees	Gilan,Mazandaran,Gorgan,East Azar-baijan,Tehran	6,128, 129, 252, 662,665,722
2674. <i>A. deaurata</i> Gm. Syn.: <i>Anthaxia aurulenta</i> F.	Pear	Mazandaran	665
2675. <i>A. (=Cratomerus) dradena shelkovnikovi</i> (Oben.)	Poplar	Caspian Sea area	6,129
2676. <i>A. (=Cyclanthaxia) ephippiata</i> (Redt.)	Pistachio	Ilam,Kerman and central provinces	69,110,128, 129, 252,659

Scientific name	Host	Distribution	Reference no.
2677. <i>Anthaxia farinigera</i> Kraatz.	Cherry,almond	Fars,Esfahan,Tehran,Zanjan	661,665
2678. <i>A. hemichrysis</i> Ab.	Juniper	Northern provinces	129,252
2679. <i>A. hungarica</i> Scop.	Hard wood timbers used in furniture and buildings	Kerman	655
2680. <i>A. (= Haplanthaxia) judinae</i> Step.	Pistachio	Khorasan,Zanjan	110,128,129,252
2681. <i>A. kalalae</i> Oben.	—	Fars	659,661
2682. <i>A. lucidiceps</i> Gory.	Ferula	Khorasan and western provinces	252,659
2683. <i>A. millofolii</i>	—	Balouchestan	655
2684. <i>A. muliebris</i> Oben.	Apricot,peach,almond	East Azarbaijan , Markazi and other northern provinces	120,129,252,665
2685. <i>A. muticae</i> Arnol.	Pistachio	Kerman and northern provinces	6,128,129,252
2686. <i>A. (= Buprestis) passerini</i> Pecch.	<i>Cupressus sempervirens</i> var. <i>horizontalis</i> , milk vetch, juniper	Northern provinces	6,129
2687. <i>A. salicis</i> L.	Sorb-tree	Tehran,western and central provinces	6,26
2688. <i>A. salicis persica</i> Thery.	Willow,maple,apple,pear,sorb-tree, quince and wild pear	East Azarbaijan,Kermanshah,Tehran, Markazi and central provinces	6,26,120,129,252, 655,665
2689. <i>A. schah</i> Ab.	—	Esfahan	659
2690. <i>A. sp. nr. flavicornis</i> Oben.	—	Lorestan	659
2691. <i>A. sp. nr. moises</i> Oben.	—	Hormozgan	659
2692. <i>Buprestis salomonis</i> J.-Thoms.	—	Khuzestan,Tehran	26,655,752
2693. <i>B. salomonis</i> var. <i>jakobsoni</i> Oben.	Poplar	Tehran	252,655
2694. <i>B. salomonis khosrovensis</i> Oben.	"	In Iran	252
2695. <i>B. salomonis monfriedi</i> Oben.	Oak	" "	252
2696. <i>B. salomonis teheranensis</i> Oben.	Poplar	" "	252
2697. <i>Capnodis anthracina</i> (Fisch.) Syn.: <i>Capnodis bactriana</i> Sem.	Pistachio,almond and on other cultivated and wild ston fruit trees	Azarbaijan,Lorestan,Esfahan,Fars,Kordestan,Khuzestan,Chahar Mahal,Kohkilouye and eastern provinces	6,110, 120, 128, 129,238,252,655, 658,661,665
2698. <i>C. carbonaria</i> Klug Syn.: <i>Capnodis cribricollis</i> Ab. , <i>C. aequicollis</i> Oben.	Pistachio,almond	Generally distributed	6,110, 240, 473, 889
2699. <i>C. carbonaria henningi</i> Mann. Syn.: <i>Capnodis cribricollis</i> Ab. , <i>C. aequicollis</i> Oben.	Almond,pistachio,peach,garden plum,apricot and some other ston fruit trees	" "	6,24,110,129,252, 655,658,661,662, 665,752
2700. <i>C. cariosa</i> Pall. Syn.: <i>Capnodis bruttia</i> Pet.	Pistachio,almond	Kerman,Fars,Semnan,Zanjan and other northern provinces	23,26, 110, 120, 128,473,481,889

Scientific name	Host	Distribution	Reference no.
2701. <i>Capnodis cariosa</i> var. <i>hauseri</i> Oben. Syn.: <i>Capnodis cariosa</i> Pall., <i>C. bruttia</i> Pet.	Pistachio	Kerman,Fars,Semnan,Zanjan,Khorasan,Balouchestan,Markazi	6,110, 128, 129, 252,286,655,658, 661
2702. <i>C. cariosa iranica</i> Bog.	Pistachio,almond and probably on peach, apricot, garden plum, sloe tree,oriental plane, poplar, willow, smoke tree	Kerman,Zanjan, Fars, Lorestan, and other southern , western and central provinces	6,23,128,129,133, 238,252,658,661, 665,752
2703. <i>C. excisa</i> Men.	Calligonum	Fars,Hormozgan,Balouchestan	6,110, 129, 252, 655,658
2704. <i>C. henningi</i> Fald.	—	Azarbaijan	110
2705. <i>C. miliaris</i> Klug	Oriental plane,poplar,black poplar, sind poplar,willow	Generally distributed except Caspian Sea area	129,466,655,658, 661,752,831
2706. <i>C. miliaris metallica</i> Ball.	Poplar,black poplar,willow	Generally distributed	252,655,752
2707. <i>C. miliaris miliaris</i> Klug	Poplar,sind poplar,willow	Generally distributed except Caspian Sea area	6,99,129,252,658
2708. <i>C. parumstriata</i> Ball. Syn.: <i>Capnodis costulata</i> Fairm.	Pistachio,almond	Fars, Balouchestan, Khorasan	6,70,110,128,129, 252,473,665
2709. <i>C. porosa</i> Klug Syn.: <i>Capnodis mannerheimi</i> Fald., <i>C.hypocrita</i> Gehin.	Almond	Kordestan	110,120,129,252, 655,658,661,665
2710. <i>C. sexmaculata</i> Ball. Syn.: <i>Capnodis kashmirensis</i> Fairm.	—	Northern provinces	110,658,659,665
2711. <i>C. tenebricosa</i> (Ol.) Syn.: <i>Capnodis dorsata</i> Voet., <i>C. lugens</i> Kust.	Almond,apricot, apple,peach,pear, white hawthorn,pistachio,plum,garden-plum,white-thorn	Azarbaijan,Lorestan,Kermanshah,Esfahan,Zanjan,Lorestan,Khuzestan,Tehran,Fars,Markazi,Mazandaran and other northern provinces	6,26,110,120,129, 238,252,473,655, 658,661,665,752
2712. <i>C. tenebricosa aurosparsa</i> Ab.	—	Lorestan,Zanjan,Esfahan	655,658
2713. <i>C. tenebricosa persica</i> Oben.	—	Khuzestan,Kermanshah	655,658
2714. <i>C. tenebrionis</i> L. Syn.: <i>Capnodis tenebrionides</i> Pall. , <i>C. moluccensis</i> Voet.	Apricot,garden plum,peach,almond,cherry,sour-cherry,pear,sloe tree, white hawthorn,cerasus,willow,plum,poplar,black poplar,apple	Generally distributed	6,24,26, 69, 110, 120,128,129,176, 240,252,655,658, 661,662,665,722, 752,788,889
2715. <i>Chalcophorella bagdanensis freyi</i> Oben.	Wild and cultivated almond	Kermanshah,Khuzestan,Fars,Kerman, Tehran,Illam	655,661,665
2716. <i>C. escalerae</i> Oben.	Wild almond,white-thorn	Fars,Lorestan	655,661,665
2717. <i>C. gerlingi</i> Des.	Tamarisk	Fars	6,117,129
2718. <i>C. stigmatica</i> (Sch.)	Amygdalus	East Azarbaijan, Kermanshah,Markazi, Esfahan	6,120, 129, 252, 659
2719. <i>C. stigmatica marseuli</i> Oben.	Amygdalus	Probably Fars	665
2720. <i>Chrysoblemma beckeri</i> Dahn.		East Azarbaijan	120

Scientific name	Host	Distribution	Reference no.
2721. <i>Chrysobothrys affinis</i> F.	Pear,apricot,apple,white mulberry	Azarbajjan,Gilan,Zanjan,Tehran, Hamadan,Lorestan,Yazd,Esfahan,Balouchestan	120,128,662,665, 877
2722. <i>C. affinis</i> var. <i>heterochroa</i> Oben.	—	Tehran	655
2723. <i>C. affinis nevskii</i> Richt.	Apricot,white mulberry	Northern provinces	129,252
2724. <i>C. affinis tetragramma</i> Fald.	Elm,willow,walnut,apple	Balouchestan and northern provinces	6,110, 129, 252, 655
2725. <i>C. deserticola</i> Sem.	Oriental plane	Generally distributed	6,659
2726. <i>C. (= Abothris) jakovlevi</i> (Sem.)	Wild pistachio	Khorasan	6,128,129
2727. <i>Coroebus fasciatus</i> Vill. Syn.: <i>Coroebus bifasciatus</i> Ol.	Oak	Khuzestan , Kermanshah and other western provinces	6,26,129,252,659
2728. <i>C. rubi</i> L.	—	Mazandaran	659
2729. <i>Cratomerus jedtschenkoi</i> Sem.	Cherry and other fruit trees	East Azarbajjan	120,252
2730. <i>C. intermedius</i> Oben. Syn.: <i>Anthaxia manca</i> , <i>A. aurulenta</i> F.	Elm,pear	Markazi , Azarbajjan and other northern provinces	6,120, 129, 252
2731. <i>C. manca</i> L. Syn.: <i>Anthaxia manca</i>	Elm,poplar,chestnut,false acacia	Markazi and northern provinces	6,129,252
2732. <i>Cyphosoma (= Buprestis) tataricum</i> (Pall.)	Oak	Northern provinces	6,117,129
2733. <i>C. turcomanica</i> Kr.	Typha, barley , wheat , tamarisk , date-palm	Fars	447,661
2734. <i>C. turcomanica salsolae</i> Oben.	—	"	655,661
2735. <i>Dicerca aenea validiuscula</i> Sem.	Poplar,willow,alder,white mulberry, walnut,oriental plane	Generally distributed	6,129,252
2736. <i>D. alni</i> Fisch.	—	Gilan,Mazandaran	659
2737. <i>D. fritillum</i> Men.	—	Fars	655,661
2738. <i>D. scabida</i> Mars.	—	Gilan	655
2739. <i>Eurythyrea aurata</i> (Pall.)	Poplar,willow	Gilan,Gorgan	129,252,655,752
2740. <i>Julodella dilaticollis vaseyi</i> Oben.	—	Tehran	655
2741. <i>J. esfandiarii</i> Oben.	—	Fars	655,661
2742. <i>J. globithorax</i> Stev.	—	Esfahan	659
2743. <i>J. schochi</i> Thery.	—	Fars	655,661
2744. <i>Julodis aeneipes</i> Saund.	Tamarisk	Balouchestan and other southern provinces	6,117,129,655
2745. <i>J. andreae</i> Ol.	—	Tehran	659

Scientific name	Host	Distribution	Reference no.
2746. <i>Julodis armeniaca</i> var. <i>cyrus</i> Oben.	—	Mazandaran	659
2747. <i>J. deserticoloides</i> Thery.	—	Fars, Khuzestan	659, 661
2748. <i>J. distincta</i> Gory.	—	Kermanshah, Khuzestan	752
2749. <i>J. eoa</i> Oben.	Milk vetch	Kermanshah, Tehran, Kerman, Balouchestan, Gorgan	655, 752
2750. <i>J. escalerae</i> Ab.	—	Kermanshah, Khuzestan, Gorgan	655
2751. <i>J. euphratica</i> Cast. - Gory.	Tamarisk	Khorasan, Esfahan, Fars and other southern provinces	6, 117, 655, 661, 752
2752. <i>J. euphratica beludjistana</i> Oben.	—	Balouchestan	655
2753. <i>J. euphratica</i> var. <i>nusskina</i> Oben.	—	Balouchestan, Kerman	655
2754. <i>J. euphratica proxima</i> Gory.	—	Fars	661
2755. <i>J. faldermanni</i>	—	"	26
2756. <i>J. gotvendensis hauseri</i> Oben.	—	"	655
2757. <i>J. impluviata</i> Sem.	—	Kermanshah, Khuzestan	655
2758. <i>J. intricata</i> Redt.	—	Kermanshah	659
2759. <i>J. iris</i>	—	Tehran	26
2760. <i>J. iris</i> var. <i>euphratica</i> Cast.-Gory.	Pistachio, tamarisk	Fars, Esfahan, Gorgan	26, 129, 252, 752
2761. <i>J. laevicostata</i> Gory.	—	Generally distributed	26, 655, 661, 752
2762. <i>J. laevicostata ramifera</i> Mars.	—	East Azarbaijan	655
2763. <i>J. onopordi</i> F.	—	" "	120
2764. <i>J. onopordi</i> var. <i>algerica</i> Cast. Syn.: <i>Julodis albopilosa</i> Cher.	—	Lorestan, Kermanshah, Gilan, Tehran	110, 659
2765. <i>J. onopordi andreae</i> form <i>luteogramma</i> Mars.	—	East Azarbaijan, Kermanshah, Tehran, Gorgan	655
2766. <i>J. onopordi sovitzi</i> var. <i>carinuloza</i> Oben.	—	Tehran	655
2767. <i>J. onopordi sovitzi</i> var. <i>xanthographa</i> Fald.	—	Lorestan, Hamadan, Tehran, Khuzestan	655, 752
2768. <i>J. ormarensis</i> Oben.	Ononis	Balouchestan, Kerman	655, 752
2769. <i>J. proxima</i> Cast.	—	Generally distributed except Caspian Sea area	655
2770. <i>J. speculifera</i> Cast. - Gory.	—	Khuzestan, Hormozgan, Fars	655
2771. <i>J. straussi</i> Poch.	—	East Azarbaijan, Kordestan	659
2772. <i>J. sulcata</i>	—	Tehran	26

Scientific name	Host	Distribution	Reference no.
2773. <i>Julodis variolaris</i> Pall.	Pistachio, lucerne, alhagi	Fars, Esfahan	6,128,129,252
2774. <i>J. variolaris frey-gessneri</i> M. - Darc.	Pistachio	Markazi and northern provinces	6,128,129,252
2775. <i>J. zarudniana</i> A. - S.	—	Tehran	752
2776. <i>Lampra gloriosa</i> Cast. - Gory.	—	Esfahan, Zanjan	655,752
2777. <i>L. persica</i> Oben.	—	Tehran	659
2778. <i>L. (=Poecilonota) rutilan</i> (F.)	Teil, beech	Tehran and other northern provinces	6,26,129
2779. <i>Leperisinus (=Hylesinus) varius</i> (F.)	Walnut	Northern provinces	6
2780. <i>Melanophila acuminata</i> Deg. Syn.: <i>Melanophila appendiculata</i> F.	Juniper, pine and <i>Cupressus sempervirens</i> var. <i>horizontalis</i>	Generally distributed	6,129,252
2781. <i>M. cuspidata</i> Klug Syn.: <i>Melanophila jakovlevi</i> Sem.	Juniper, pine, pistachio, sind poplar, fig, white mulberry	Fars, Kermanshah	6,129, 252, 655, 661
2782. <i>M. (=Buprestis) decastigma</i> (F.)	Black poplar, white poplar, willow and sometimes on ash and elm	Azərbaycan, Tehran, Yazd, Fars, Esfahan, Zanjan, Lorestan, Kerman, Kermanshah	26,27,252
2783. <i>M. (=Buprestis) picta</i> (Pall.)	Black poplar, white poplar, sind poplar, willow	East Azarbaijan, Lorestan, Kerman, Tehran, Esfahan	26,99, 120, 252, 466
2784. <i>M. picta decastigma</i> form <i>caucasica</i>	—	Khuzestan	655,775
2785. <i>M. picta decastigma</i> form <i>eriwana</i> Oben.	—	Kerman, Esfahan	655,752
2786. <i>M. picta decastigma</i> form <i>fascigera</i> Oben.	—	Esfahan	655,752
2787. <i>M. picta decastigma</i> form <i>formosula</i>	—	"	655,752
2788. <i>M. picta decastigma</i> form <i>multinotata</i> Pic.	—	Lorestan, Esfahan	655,752
2789. <i>M. picta picta</i> Pall.	Poplar	Generally distributed	6
2790. <i>M. picta picta</i> form <i>chodshentica</i> Oben.	—	In Iran	655
2791. <i>M. picta picta</i> form <i>extremula</i> Oben.	—	Zanjan	655
2792. <i>M. picta picta</i> form <i>iljini</i> Oben.	—	Balouchestan	655
2793. <i>M. picta picta</i> form <i>kulti</i> Oben.	—	"	655
2794. <i>M. picta picta</i> form <i>tedshenica</i> Oben.	—	Lorestan	655
2795. <i>Meloboeus ametystinus</i> Ol.	—	East Azarbaijan, Kermanshah	110,655
2796. <i>M. cyaneus</i> Ball.	—	Kordestan	659

Scientific name	Host	Distribution	Reference no.
2797. <i>Meloboeus robustus</i> Kust.	—	Hormozgan	655
2798. <i>M. robustus</i> form <i>obscurus</i> Zhich.	—	Fars	655,661
2799. <i>Perotis chlorana</i> Cast. - Gory.	Almond, apricot, pomegranate, garden plum	East Azarbaijan and southern provinces	6,120, 128, 129, 252
2800. <i>P. cuprata</i> var. <i>capnodiformis</i> Rtt.	—	East Azarbaijan, Kermanshah, Fars, Esfahan, Kerman	655,661
2801. <i>Pseudocastalia aegyptiaca</i> Gm.	Hard wood timbers used in furniture and buildings	Caspian Sea area, Tehran, Fars, Khuzestan	129,252,655,752,786
2802. <i>Psiloptera argentata</i> Mann.	Tamarisk	Generally distributed	6,26,117,129,655,661,752
2803. <i>P. (= Lampetis) mimosae</i> (Klug)	—	Gorgan	659
2804. <i>P. rugosa</i> Palis.	—	Balouchestan	655
2805. <i>Ptosima flavoguttata</i> Ill. Syn.: <i>Ptosima undecimmaculata</i> Herbs., <i>P. novemmaculata</i> L.	—	In Iran	110
2806. <i>P. (=Aurigena) lugubris</i> (F.)	Apricot, cherry, sour-cherry, apple, pear, quince, plum, garden-plum, white poplar, black poplar, sind poplar, dog rose and other roses	East Azarbaijan, Kermanshah, Ilam, Fars, Esfahan, Markazi, Gorgan, Zanjan, Tehran, Hamadan, Lorestan, Kordestan, Yazd, Kerman	6,110, 120, 129, 252,655,661,665,752
2807. <i>P. lugubris longicollis</i> Kraatz	Dog rose	Northern provinces	6,129,252
2808. <i>P. undecimmaculata</i> (Herbs.)	Apricot, plum, garden plum, cherry, almond, peach, sour-cherry	Tehran, Esfahan, Kermanshah, Lorestan, Zanjan, Khorasan and other northern provinces	6,24,26,129,176,240,252,722,752
2809. <i>P. undecimmaculata</i> form <i>viturati</i> (Pic.) Syn.: <i>Ptosima flavoguttata</i> Ill., <i>P. novemmaculata</i> L.	Almond, apricot, plum, garden plum, peach, cherry, sour-cherry	Azarbaijan, Khorasan, Kermanshah, Tehran, Esfahan, Lorestan, Hamadan, Markazi, Zanjan, Semnan, Kordestan, Chahar Mahal, Kohkilouye, Fars, Yazd	128,238,655,662,665
2810. <i>Sphenoptera abbas-pouri</i> Oben.	—	Tehran	655
2811. <i>S. abbreviata</i> B. - Jak.	—	Kermanshah	655
2812. <i>S. (=Deudera) acuminata</i> B. - Jak.	—	Fars	655,661
2813. <i>S. adusta</i> B. - Jak.	—	Tehran	655
2814. <i>S. aethiops</i> B. - Jak.	—	"	655
2815. <i>S. aix shahrudensis</i> Oben.	—	Fars	655,661,752
2816. <i>S. (=Tropeopeltis) anthaxoides</i> (Rtt.)	—	East Azarbaijan, Fars	655,661
2817. <i>S. antiqua permitens</i> Oben.	—	Tehran	655
2818. <i>S. arthemisiae</i>	—	Fars	655

Scientific name	Host	Distribution	Reference no.
2819. <i>Sphenoptera beckeri</i> Dohrn.	Alhagi	Esfahan, Kermanshah, Lorestan, Zanjan, Tehran and other northern provinces	26,129,252, 655, 752
2820. <i>S. bodemeyeri</i> Kerr.	—	Esfahan	655
2821. <i>S. coracina</i> Stev.	—	"	655,752
2822. <i>S. coracina</i> var. <i>babel</i> (Mars.)	—	"	655
2823. <i>S. dad-khani</i> Oben.	Apricot	Khorasan	665
2824. <i>S. (=Tropeopeltis) davatchii</i> Desc.	Sour-cherry, plum, garden plum, apricot, peach, almond and many other cold region fruit trees	Generally distributed	70,110,128, 176, 240,655,656,657, 660,661,665,722, 889
2825. <i>S. dejeani</i> Zubk.	Liquorice	Mazandaran	129,252,655
2826. <i>S. dilotti</i> Oben.	—	Balouchestan	655
2827. <i>S. esfandiarii</i> Oben.	—	"	655
2828. <i>S. fairmairei</i> Mars.	—	Fars	655,661,752
2829. <i>S. hauseri</i> Reitt.	Tamarisk	Balouchestan	6,117,129,655
2830. <i>S. hauseri</i> var. <i>expectana</i> Oben.	—	"	655
2831. <i>S. ignita</i> Reitt.	Tamarisk	"	6,117,655
2832. <i>S. ignita</i> var. <i>monochroa</i> Oben.	—	Khorasan, Balouchestan	655
2833. <i>S. ixion</i> Kerr.	—	Fars	69,661
2834. <i>S. (=Tropeopeltis) kambyzes</i> (Oben.) Syn.: <i>Sphenoptera dhia-ahmedi</i> Cob.	Pistachio, almond, apricot, cherry, peach, cerasus, plum	Generally distributed	6,70,110,128,129, 176,194,195,240, 252,655,656,657, 660,662,665,722, 752
2835. <i>S. lapidaria</i> Brulle	—	East Azarbaijan, Fars	655,661
2836. <i>S. leonhardi</i> Oben.	—	Tehran, Fars	655,752
2837. <i>S. luristana</i> var. <i>parsa</i> Oben.	—	" "	655,752
2838. <i>S. mandjersternae</i> Jak.	—	Khorasan	659
2839. <i>S. mesopotamica</i> Mars.	Tamarisk	"	6,117, 129, 252, 655,752
2840. <i>S. mniszehi</i> Cast. - Gory.	—	Esfahan, Tehran	655,752
2841. <i>S. mniszehi</i> var. <i>elamita</i> Mars.	—	Balouchestan, Tehran, Esfahan	655,752
2842. <i>S. mniszehi</i> var. <i>minorita</i> Oben.	—	Balouchestan, Esfahan	655,752
2843. <i>S. morio</i> var. <i>cribrata</i> Fald.	—	Tehran	655
2844. <i>S. ogtoblini</i> Oben.	—	Mazandaran	655



Scientific name	Host	Distribution	Reference no.
2845. <i>Sphenoptera oporina</i> B. - Jak.	—	Tehran	655
2846. <i>S. potanini</i> B. - Jak.	Tamarisk	Balouchestan	6,117,129,655
2847. <i>S. rangnowi</i> Kerr.	—	Fars,Tehran	655,752
2848. <i>S. rauca</i> (F.)	Wild artichoke	Northern provinces	25,26,129,252
2849. <i>S. (=Chrysoblemma) reitteri</i> Sem.	—	Balouchestan	655,659
2850. <i>S. sancta</i>	—	Tehran	655
2851. <i>S. scovitzii</i> Fald.	Tamarisk	Balouchestan	6,117,129,655
2852. <i>S. sculpticollis</i>	—	Kermanshah	752
2853. <i>S. sterbai</i> Oben.	Tamarisk	East Azarbaijan,Mazandaran,Tehran, Markazi, Balouchestan	6,117,129,655
2854. <i>S. tamaricis</i> Klug	"	Balouchestan,Tehran	6,117,129
2855. <i>S. uncta</i> Kerr.	—	Balouchestan	655
2856. <i>S. zarathustra</i> Oben.	—	Tehran	655
2857. <i>Trachys minuta</i> L.	Poplar,willow,teli,apple,sour-cherry and many other fruit trees	East Azarbaijan,Tehran,Gilan	120,129,252,665
2858. <i>T. quercicolus</i> Mars.	Cold region fruit trees	Lorestan	655,665

#### FAMILY CALLISTIDAE

Scientific name	Host	Distribution	Reference no.
2859. <i>Chlaeniellus rapyllii</i> n. sp.	—	Balouchestan	576,579
2860. <i>Chlaenius canariensis persicus</i> n. ssp.	—	Hormozgan	576
2861. <i>C. (=Agostenus) descarpentri-iesi</i> n. sp.	—	In Iran	576
2862. <i>C. spoliatus</i> Rossi	—	East Azarbaijan	120

#### FAMILY CANTHARIDAE (= Cantharididae)

Scientific name	Host	Distribution	Reference no.
2863. <i>Cantharis lividae</i> L.	Apple	Kordestan	788
2864. <i>C. melaspis</i> Cherr.	Predator of <i>Cephus pygmaeus</i>	Tehran	296/1
2865. <i>C. sp.</i>	Cold region fruit trees	In Iran	665

#### FAMILY CARABIDAE

Scientific name	Host	Distribution	Reference no.
2866. <i>Anthia mannerheimi</i>	—	Khorasan	26
2867. <i>Calathus ambyguus</i> Pay. Syn.: <i>Calathus rufipes</i> F., <i>C. fuscus</i> F.	—	East Azarbaijan	120,407

Scientific name	Host	Distribution	Reference no.
2868. <i>Callitropa persianum</i> n. sp.	—	Balouchestan	575
2869. <i>Calosoma inquisitor</i> L. Syn.: <i>Calosoma antiquum</i> Four.	—	In Iran	406
2870. <i>C. laeviusculum</i>	Predator of most noxious insects	Northern provinces	26,252
2871. <i>C. sycophanta</i> L.	Predator of <i>Ocneria dispar</i> and many other Lepidoptera larvae	Caspian Sea area, Kermanshah	26,252,406,663
2872. <i>Carabus atroganowi</i>	—	Mazandaran	26
2873. <i>C. stroganowi</i>	—	"	26
2874. <i>Cryptoxenus elburzensis</i> n. sp.	—	East Azarbaijan (Sabalan mountain), Mazandaran (Elburz mountains)	580
2875. <i>Dekomerus elburzensis</i> n. sp.	—	Mazandaran (Elburz mountains)	580
2876. <i>D. korrigani</i> n. sp.	—	Mazandaran (Elburz mountains)	580
2877. <i>Ditonus calydonius</i>	—	Tehran	26
2878. <i>Metophonus davatchii</i> n. sp.	—	Tehran (Elburz mountains)	580
2879. <i>M. scharifi</i> n. sp.	—	Tehran	579
2880. <i>M. scharifi abalisensis</i> n. ssp.	—	"	579
2881. <i>Microdaccus escalerae</i> n. sp.	—	In Iran	579
2882. <i>M. opacicolor evavartianae</i> Man.	—	Fars	579
2883. <i>M. pallidicolor</i> Man.	—	Tehran	579
2884. <i>Odontonyx elburzensis</i> n. sp.	—	Kermanshah	579
2885. <i>Peryphus parsorum</i> Met.	—	East Azarbaijan	120
2886. <i>Petroviziella vartianorum</i> Man.	—	West Azarbaijan, Kerman, Fars	579
2887. <i>Phylla obtusum iranicum</i>	—	Gilan	579
2888. <i>pristonychus deliae</i> n. sp.	—	Gilan, Mazandaran (Elburz mountains)	579,580
2889. <i>P. ledouxii</i> n. sp.	—	Gilan (Elburz mountains)	575,580
2890. <i>P. mirzayani</i> Mor.	—	Mazandaran (Elburz mountains)	575,580
2891. <i>P. mirzayani convexus</i> n. ssp.	—	Mazandaran, Gilan (Elburz mountains)	580
2892. <i>P. mirzayani elytrolargus</i> n. ssp.	—	Gilan	580
2893. <i>P. mirzayani nurensis</i> n. ssp.	—	Mazandaran (Elburz mountains)	580
2894. <i>P. quadrangulus</i> n. sp.	—	Gilan	580
2895. <i>P. radjabii</i> n. sp.	—	East Azarbaijan	577,580
2896. <i>P. terricola</i> Hbst.	Predator of insects and mites of stored materials and also sometimes phytophagous	East Azarbaijan	786

Scientific name	Host	Distribution	Reference no.
2897. <i>Psammodrömius damanabi</i> n. sp.	—	West Azarbaijan	579
2898. <i>P. mirzayani</i> n. sp.	—	Tehran	579
2899. <i>Pseudotaphoxenus sahendensis</i> n. sp.	—	East Azarbaijan (Sabalan mountain)	580
2900. <i>Zabrus morio</i> Men.	Wheat,barley,rye	North-eastern provinces	26,252
2901. <i>Z. tenebrioides</i> Goeze Syn.: <i>Zabrus fossor</i> F., <i>Z. gibbus</i> F.	" " "	Tehran, Gorgan,Khorasan and other northern and central provinces	26,69, 110, 240, 252,407,889

### FAMILY CERAMBYCIDAE

Scientific name	Host	Distribution	Reference no.
2902. <i>Acanthocinus aedilis</i> L. Syn.: <i>Acanthocinus montanus</i> Serv.	—	Gilan	1,651
2903. <i>A. elegans</i> Gang.	—	"	1,366
2904. <i>Acanthophorus hardei</i> Heyr.	—	Kerman,Balouchestan	1
2905. <i>Acmaeops collaris</i> L.	Chestnut,oak and other broad leaf forest trees	Northern provinces	6,129,252
2906. <i>Aeolesthes sarta</i> Sols.	Poplar,willow, oriental plane, wal- nut,oak,false acacia,elm,apple,pear, plum,sloe tree,roses and wild pear	Tehran,Esfahan,Kordestan,Lorestan, Markazi,Balouchestan,Khorasan and other northern provinces	1,6,26,27,129,252, 532,665
2907. <i>Agapanthia cardui</i> L. Syn.: <i>Agapanthia suturalis</i> F.	Sunflower	Tehran,Mazandaran	25,26,252,651
2908. <i>A. chalybaea</i>	—	Mazandaran	26
2909. <i>A. coeruleipennis</i> Friv.	—	Ilam,Kermanshah	1,366
2910. <i>A. dahli</i> Richt. Syn.: <i>Agapanthia lineaticollis</i> Muls.	Sunflower	Khorasan,Mazandaran,Gorgan,Tehran, Semnan	1,25,252,365,532, 651
2911. <i>A. ivalteri</i> Reit.	—	East Azarbaijan,Mazandaran,Gorgan, Kermanshah	1
2912. <i>A. kirbyi</i> Gyll.	Sunflower,verbascum	Ilam,Fars,Tehran,Mazandaran	1,26,252,523
2913. <i>A. persicola</i> Reit.	—	Khorasan,Mazandaran,Kermanshah	1,26,366
2914. <i>A. subchalybaea</i> Reit.	Sunflower	Mazandaran	26,252
2915. <i>A. violacea</i> F.	—	Gorgan	1
2916. <i>Allosterna scapularis</i> (Heyd.)	Elm,maple,willow,horn beam,beech	Khorasan,Gilan,Mazandaran	1,6,129,252,366
2917. <i>A. tabacicolor caucasica</i> Plav.	Elm,maple,willow	Caspian Sea area	252
2918. <i>Amarysius altajensis</i> (Lax.)	Elm,lonicera,pea tree,silver leaved salt tree	" " "	129,252
2919. <i>Anaglyptus arabicus</i> (Kust.)	Oak and other broad leaf forest trees	North-western provinces	129,252

Scientific name	Host	Distribution	Reference no.
2920. <i>Anaglyptus gangibaueri</i> Reit.	Oak and other broad leaf forest trees	Gilan	129,252
2921. <i>A. persicus</i> P. - R.	" " " " " "	Caspian Sea area	129,252
2922. <i>A. simplicicornis</i> Reit.	Beech, oak, chestnut and other forest trees	" " "	129,252
2923. <i>Apatophysis caspica</i> Sem.	Tamarisk	West Azarbaijan, Caspian Sea area, Balouchestan	1,6,117,129,252
2924. <i>A. modica</i> Gah.	—	Kerman,Balouchestan	1
2925. <i>Apomecyna lameerei</i> Pic.	—	Hormozgan	1,366
2926. <i>Aromia moschata</i> L.	Willow,poplar, weeping willow and also woody timbers and equipment in houses and stores	Generally distributed	6,26,27,129,240, 252,523
2927. <i>A. moschata ambrosiaca</i> (Stev.)	Willow,poplar,quince	East Azarbaijan, Kermanshah, Gilan, Mazandaran,Gorgan,Khorasan,Hamad-an, Tehran,Zanjan,Esfahan,Balouchestan	1,27,120,252,532, 665
2928. <i>A. moschata moschata</i> L.	—	Mazandaran	1,27
2929. <i>Batocera rufomaculata</i> Deg.	Fig	Lorestan,Fars	6,129
2930. <i>Callidium aeneum</i> Deg. Syn.: <i>Callidium dilatatum</i> Payk.	Oak,beech	Northern provinces	129,252,651
2931. <i>Callimelum angulatum</i> (Schr.)	Oak and other broad leaf forest trees	" "	129,252
2932. <i>C. femoratum</i> (Germ.)	" " " " " "	Ilam,Kermanshah and other western and northern provinces	1,6,252,523
2933. <i>Callimoxys gracilis</i> Brulle	Maple,alder and other broad leaf forest trees	Khorasan,Mazandaran	1,6,129,252,366
2934. <i>Cartallum ebulinum</i> L. Syn.: <i>Cartallum ruficolle</i> F.	Oak, maple	Esfahan,Fars,Kermanshah,Gorgan,Tehran and other northern provinces	1,6,26, 129, 523, 651
2935. <i>C. thoracicum</i> Sharp.	—	Esfahan	1
2936. <i>C. thoracicum</i> form <i>nigripes</i> Flav.	—	Kordestan,Esfahan,Tehran	523
2937. <i>Cerambyx acuminatus</i> Motsch.	Oak	Generally distributed	6,523
2938. <i>C. carinatus</i> Kust.	"	Kohkilouye,Fars	1,129,252,523
2939. <i>C. cerdo</i> L. Syn.: <i>Cerambyx heros</i> Scop.	Oak,willow,walnut.beech,chestnut, elm,teil,horn beam,wych elm,false acacia	Generally distributed	6,26,129,240,252, 533
2940. <i>C. dux</i> Fald, Syn.: <i>Cerambyx intricatus</i> Fairm.	Oak,beech,apricot,cherry, almond, garden plum,peach,rock-cherry,cerasus and sometimes on grapevine	Northern provinces	6,129,252,533
2941. <i>C. elbursi</i> Jur.	Oak and other broad leaf forest trees	Gilan (Elburz mountains)	129,252

Scientific name	Host	Distribution	Reference no.
2942. <i>Cerambyx multiplicatus</i> Motsch.	Oak, horn beam, beech, sloe tree, elm and other forest trees	Gilan, Mazandaran, Gorgan and western and south-western provinces	1,6,26,129,252
2943. <i>C. scopoli</i> Fuess. Syn.: <i>Cerambyx cerdo</i> Scop.	Oak, beech, ash, maple, elm, birch, alder, chestnut, willow, cherry, apple, pear	In Iran	110,252,533
2944. <i>Chlorophorus adellii</i> Hol.	Oak	Fars	6
2945. <i>C. faldermanni</i> Fald.	Poplar, russian olive, tamarisk, maple, oriental plane and also construction timbers and wooden finishing	East Azarbaijan and other northern provinces	1,6,105,117,120,129,252
2946. <i>C. figuratus</i> (Scop.)	Willow, poplar, false acacia, chestnut, ash, birch, apple, pear, horn beam, alder, beech, maple and other forest trees	Gorgan, Mazandaran and other northern provinces	1,6,26,129, 252, 665
2947. <i>C. sartor</i> Mull.	Oak, chestnut, false acacia, beech, horn beam, alder and other forest trees and bushes and also Leguminosae family plants	Mazandaran and other northern provinces	1,6,129,252
2948. <i>C. varius</i> Mull.	Elm, maple, ash, alder, chestnut, oak, false acacia, beech, oriental plane, sloe tree, cherry, apricot, grapevine, white mulberry, plum, garden plum, cerasus	East azarbaijan, Mazandaran, Tehran, Hamadan, Markazi, Zanjan, Kordestan, Chahar Mahal, Kermanshah	1,6,120,128,129,252,523,662,665,722
2949. <i>Clytus arietis</i> L. Syn.: <i>Clytus gazella</i> F.	Oak, beech, chestnut, rock-cherry, white mulberry, fig, sorb, horn beam, white-thorn, grapevine, maple, cerasus	Khorasan, Mazandaran	1,6,129,252,533
2950. <i>C. arietis morphleleri</i> Gang.	—	" "	366,665
2951. <i>Coptosia compacta</i> Men.	—	Kermanshah	1
2952. <i>Criocephalus rusticus</i> (L.)	Cedar, pine, juniper and other coniferous trees	Northern provinces	129,252
2953. <i>Derolus mauritanicus</i> Buq.	Tamarisk	Hormozgan, Balouchestan, Fars, Kerman, Tehran, Markazi	1,6,129,523
2954. <i>Dissopachys matthiessemi</i> Reit.	Apricot, fig	Fars, Esfahan, Lorestan, Kohkilouye, Khuzestan and northern provinces	1,6,129,252,523,665
2955. <i>Dorcadion auratum</i> form <i>semispoliatum</i> Plav.	—	Tehran	1
2956. <i>D. biforme</i> Kr.	—	Gorgan	1
2957. <i>D. brunneicolle</i> form <i>parmaestum</i> Plav.	—	Markazi	1
2958. <i>D. cinerarium</i> form <i>caucasicum</i> Kust.	—	Kermanshah	1
2959. <i>D. cingulatum persicum</i> Breun.	—	"	1
2960. <i>D. complanatum</i> Gngl.	—	"	1
2961. <i>D. discomaculatum</i> Pic.	—	Gilan	1
2962. <i>D. glaucum</i> (Fald.)	—	East Azarbaijan	1,120
2963. <i>D. hellmanni</i>	—	Tehran	26

Scientific name	Host	Distribution	Reference no.
2964. <i>Dorcadion laeve plasoni</i> Gngl.	—	Tehran	1
2965. <i>D. scabricolle</i> Dalm.	—	East Azarbaijan	1
2966. <i>D. scabricolle corpulentum</i> Men.	—	" "	1
2967. <i>D. scabricolle latefasciatum</i> Breun.	—	" "	1
2968. <i>D. striolatum</i> Kr.	—	Gilan	1
2969. <i>D. turki</i> Gngl.	—	Khorasan	1
2970. <i>D. turki transcaspicum</i> Jak.	—	Khorasan, Mazandaran, Gorgan	1
2971. <i>Enoploderes sanguineum</i> Fald.	—	Khorasan	1
2972. <i>Exocentrus punctipennis</i> Muls.	Elm	Northern provinces	6,129
2973. <i>Fallacia elegans</i> Fald.	Maple, horn beam, beech	Gilan and other northern provinces	1,6,366
2974. <i>Hesperophanes sericeus</i> F.	Oak, fig, wild pistachio, amygdalus, pomegranate	Kohkilouye, Lorestan, Fars, Ilam, Kerman, Kermanshah, Markazi	1,6,110,129,252,523,665
2975. <i>Hylotrupes bajulus</i> L.	Dried materials (in house)	In Iran	105
2976. <i>Hypoeshrus indicus</i> Gah.	Egyptian acacia	Hormozgan and other southern provinces	1,6,129
2977. <i>Idactus cristulatus</i> Fald.	—	Hormozgan	1,366
2978. <i>Iranobrium davatchii</i> Vill.	—	"	1
2979. <i>Isotomus comptus</i> (Mann.)	Oak, chestnut, beech, amygdalus, elm, horn beam, alder and other forest trees	Caspian Sea area, Gorgan	1,6,26, 129, 252, 523
2980. <i>Jebusaea persica</i> Reit.	—	Hormozgan, Balouchestan, Fars	1
2981. <i>Leiopus nebulosus</i> L.	Oak	Hormozgan and northern provinces	1,6,129
2982. <i>Leptidea brevipennis</i> Muls.	Willow, oak, beech, chestnut, walnut, bean tree	In Iran	105,129,252
2983. <i>Leptura (= Vadonia) bicolor</i> Redt.	—	Fars	1
2984. <i>L. dubia</i> Scop. Syn.: <i>Leptura cincta</i> F.	Pine and other coniferous trees	Northern provinces	129,252,651
2985. <i>L. erythroptera</i> Hag.	Oak and some other forest trees	North-western provinces	129,252
2986. <i>L. rufa</i> Br.	—	Zanjan, Kermanshah, Tehran	1,523
2987. <i>L. (= Anoplodera) rufipes</i> (Schall.)	Oak	Khorasan and other northern provinces	1,129,252
2988. <i>L. scutellata</i> F.	Oak, chestnut, beech, walnut, birch, horn beam, alder, maple	Gilan, Gorgan	1,6,129,252,523
2989. <i>L. scutellata</i> form <i>brunneiventris</i> Heyd.	Horn beam, beech	Gilan	1,6
2990. <i>L. scutellata</i> form <i>ochraceipennis</i> Pic.	Oak, chestnut, beech, birch, walnut, alder, horn beam	Gorgan	252,523

Scientific name	Host	Distribution	Reference no.
2991. <i>Leptura tesserula</i> Charp.	Oak	Northern provinces	129,252
2992. <i>L. tonsa</i> Dan.	Horn beam, beech	Gilan, Mazandaran	1,6,129
2993. <i>L. tripartita</i> Heyd.	Horn beam, maple	Mazandaran	1,6,129
2994. <i>L. (=Vadonia) unipunctata</i> (F.)	Plum, garden plum, sloe tree	Northern provinces	6,129,252,651
2995. <i>Macrotoma scutellaris</i> Germ.	Oak, ash, white mulberry, pistachio, cedar, oriental plane	West Azarbaijan, Lorestan, Kordestan, Khuzestan, Fars	1,6,128,129,252,523
2996. <i>Mallosia herminae</i> Reit.	Oak	Kermanshah	1,6,129
2997. <i>M. (=Semnosia) mirabilis</i> (Fald.)	Oak	Kordestan, Lorestan, Mazandaran and other northern provinces	1,6,26,128,129,252,523
2998. <i>Malorchus hircus</i> Ab.	Apple, pear and some other Rosaceae family plants	East Azarbaijan	252,665
2999. <i>M. kiessenwetteri</i> M. - R.	Willow, oak, cypress tree, juniper, cedar and <i>Cupressus sempervirens</i> var. <i>cereiiformis</i>	Mazandaran, Kordestan	129,252
3000. <i>M. (=Caenoptera) minor</i> (L.)	Cypress tree, cedar, horn beam, alder, beech, maple and some other coniferous trees	Gilan, Mazandaran	1,6,129,252
3001. <i>M. unbellatarum</i> (Schr.)	Pear, apple, dog rose and other Rosaceae family trees and shrubs	Northern provinces	6,129,252
3002. <i>Megopsis (=Aegosoma) scabricornis</i> (Scop.)	Poplar, willow, ash, elm, oak, chestnut, beech, alder, walnut, false acacia, maple, honey locust, oriental plane, quince, apple	Generally distributed	1,6,26,27,129,252,523,651,665,879,409/2,551
3003. <i>Mesosa curculionoides</i> L. Syn.: <i>Mesosa oculata</i> Fourc.	Walnut, oak, beech, teil	Caspian Sea area	1,6,129,651
3004. <i>Monochamus sutor</i> (L.)	Pine, iron tree	Mazandaran	1,6,129,651
3005. <i>Monocladium iranicum</i> Vill.	Milk vetch	Kerman	1,6
3006. <i>Morimus verecundus</i> Fald.	Walnut, cedar, ash, pine, maple, chestnut, alder, horn beam, beech, iron tree, teil, oriental plane, oak, wych elm, cryptomeria, elm	Khorasan, Mazandaran, Gilan, Gorgan, Fars	1,6,129,252,523
3007. <i>Muscaria puncticollis</i> Fald.	Oak	Mazandaran, Tehran	26,129,252,523
3008. <i>Niphona grisea</i> Breun.	Fig	Balouchestan, Lorestan	1,6,129
3009. <i>Oberea erythrocephala</i> Schr.	—	East Azarbaijan	120
3010. <i>O. erythrocephala</i> form <i>macedonica</i> Breun.	—	Fars	1,366
3011. <i>O. (=Phymatodes) oculata</i> (L.)	Willow, poplar	Hamadan, Gorgan, Tehran and other northern provinces	1,6,26,27,129,252,523
3012. <i>Obrium brunneum</i> F.	Cypress tree and other coniferous trees	In Iran	129,252

Scientific name	Host	Distribution	Reference no.
3013. <i>Osphrantheria coerulea</i> Redt.	Apple, pear, quince, almond, apricot, peach, cherry, roses, cerasus, japan pan quince, oriental plane, oak, elm and wild pear	Azərbaycan, Lorestan, Kermanshah, İlam, Kordestan, Fars, Esfahan, Markazi, Tehran, Semnan, Gorgan, Khorasan, Hamadan, Zanjan, Chahar Mahal, Kohkiluyeh, Yazd, Kerman	1,6,26,69,110,128,129,176,240,252,366,570,662,665,676,722,799,800,889
3014. <i>O. richteri</i> Heyr.	Milk vetch	Hormozgan, Balouchestan, Kerman, Fars	1,6,110,129,366
3015. <i>O. suaveolens</i> Redt.	" "	Kerman, Balouchestan, Fars and other southern provinces	1,6,110,129
3016. <i>Parachytus raddei</i> (Gang.)	Oak and other broad leaf forest trees	Caspian Sea area	129,252
3017. <i>P. reitteri</i> (Gang.)	" " " " " " trees	" " "	129,252
3018. <i>P. reitteri</i> form <i>gilmouri</i> Heyd.	—	Gorgan	366
3019. <i>P. sexguttatus</i> (Adams)	Oak and other broad leaf forest trees	Caspian Sea area	129,252
3020. <i>Parandra caspica</i> Men.	Willow, poplar, alder, oak, horn beam, honey locust, beech, maple, false acacia and other deciduous forest trees	Gilan, Mazandaran, Gorgan, Kermanshah	1,6,26,27,129,252,523
3021. <i>Penichroa fasciata</i> Steph. Syn.: <i>Penichroa timida</i> Men.	Oak, willow, cytiscus, maple, horn beam, alder	Mazandaran	1,6,129,252,523,651
3022. <i>P. fasciata</i> form <i>brunnea</i> Trn.	Oak, maple, alder, horn beam	East Azarbaijan	1
3023. <i>Phymatodes alni</i> (L.)	Oak, chestnut, alder, elm, dog-rose and other roses	Northern provinces	6,129,252
3024. <i>P. alni alnoides</i> Reit.	Oak, chestnut, maple, alder, dog-rose, elm	East Azarbaijan	6,129,252
3025. <i>P. femoralis</i> (Men.)	Oak, chestnut	" "	6,129,252
3026. <i>P. testaceus</i> (L.)	Umbelliferae family plants and sometimes on pear and garden plum	Northern provinces	252
3027. <i>Phytoecia coerulea morphagilvimana</i> Men.	—	East Azarbaijan, Gorgan	1,366
3028. <i>P. cylindrica</i> L.	Umbelliferae family plants and sometimes on pear and garden plum	Northern provinces	252
3029. <i>P. icterica</i> Schall. Syn.: <i>Phytoecia ephippium</i> F.	Carrot and some other Umbelliferae family plants	" "	110,252
3030. <i>P. nigricornis</i> F. Syn.: <i>Phytoecia solidaginis</i> Bach.	—	Tehran, Zanjan	1,110,523
3031. <i>P. (= Helladia) pretiosa</i> (Fald.)	—	East Azarbaijan, Kermanshah	1
3032. <i>Plagionotus (= Leptura) arcuatus</i> (L.)	Oak, chestnut, beech, horn beam, elm, teil, birch, willow	Northern provinces	129,252



Scientific name	Host	Distribution	Reference no.
3033. <i>Plagionotus</i> (= <i>Clytus</i> ) <i>bartholomaei</i> (Motsch.)	Oak and other broad leaf forest trees	Northern provinces	129,252
3034. <i>P. bobelayei</i>	—	" "	26
3035. <i>P.</i> (= <i>Clytus</i> ) <i>detritus</i> (L.)	Alder,oak,maple	Mazandaran	1,6,129,252,651
3036. <i>P.</i> (= <i>Cerambyx</i> ) <i>floralis</i> (Pall.)	Lucerne,oriental plane	Kermanshah,Zanjan, East Azarbaijan and other northern and central provinces	1,6,46,252,523
3037. <i>P. lugubris</i> (Men.)	Oak,alder,maple,chestnut	Northern provinces	6,129,252
3038. <i>P. lugubris</i> form <i>posticeconjunctus</i> Plav.	—	Gilan	1,6
3039. <i>P.</i> (= <i>Callidium</i> ) <i>pulcher</i> Bless.	Oak,birch	"	129,252
3040. <i>P. speciosus</i> Adams.	—	Eas: Azarbaijan,Kermanshah,Zanjan, Gilan,Tehran,Fars	1,26,120,523
3041. <i>Plocaederus scapularis</i> Fish.	Ferula	Northern provinces	252
3042. <i>Prionus angustatus</i> Jak.	Alder,horn beam,beech	Gilan	1,6,129
3043. <i>P.</i> (= <i>Polyarthron</i> ) <i>bienerti</i> (Heyd.)	—	East Azarbaijan, Gilan, Mazandaran, Gorgan	26,120,523
3044. <i>P. brachypterus</i>	—	Kermanshah	26
3045. <i>P. coriarius</i> (L.)	Oak, beech,elm,birch,ash,chestnut, horn beam,horse chestnut, willow, oriental plane and sometimes on coniferous trees	Fars,Esfahan,Kohkilouye,Zanjan,Gilan, Mazandaran,Tehran and most other areas	1,6,26,129, 252, 523,877
3046. <i>P.</i> (= <i>Polyarthron</i> ) <i>minutus</i> (Pic.)	—	Fars	366
3047. <i>Pseudomonocladium minutum</i> (Pic.)	Milk vetch	Hormozgan,Fars,Esfahan,Keman	1,6,129
3048. <i>Pseudophilus</i> (= <i>Jebusaea</i> ) <i>testaceus</i> (Gah.) Syn.: <i>Jebusaea hamerschmidtii</i> Reich.	Date-palm,fan-palm	Kerman,Khuzestan,Persian Golf ports, Balouchestan, Fars and other date-palm planting areas	69,128,129, 301, 302
3049. <i>Purpuricenus</i> (= <i>Cerambyx</i> ) <i>budensis</i> (Goetz)	Oak,beech,elm and fruit trees	Northern provinces	129,252
3050. <i>P. dalmatinus</i> Sturm.	Oak and other broad leaf forest trees	Ilam,Kermanshah	6,129,252
3051. <i>P. deyrollei</i> Thoms.	Oak	Khorasan,Azarbaijan,Kordestan, Caspian Sea area, Gorgan	1,6,26,129,252
3052. <i>P. ivachanrui</i> Levtr.	—	Tehran,Fars	1
3053. <i>P. ivachanrui</i> form <i>bilunatus</i> Sch.	—	Fars	1

Scientific name	Host	Distribution	Reference no.
3054. <i>Purpuricenus ivachanrui</i> form <i>quadrinotatus</i> Pic.	Oak	Fars	1,6,26,129
3055. <i>P. ivachanrui</i> form <i>schoenfeldti</i> Heyd.	False acacia	Tehran and central provinces	1,6,129
3056. <i>P. kaehleri</i> (L.)	Oak, beech, chestnut, birch, willow, poplar, false acacia, cherry, apricot, garden plum, peach, grapevine, cerasus, sloe tree	Tehran, Mazandaran, Gorgan	1,6,26, 129, 252, 523, 533, 665, 877
3057. <i>P. kaehleri astarabadensis</i> Pic.	Oak, beech, chestnut, birch, willow, poplar, false acacia, cherry, apricot, peach, garden plum, grapevine	Northern provinces	6,252
3058. <i>P. (= Calchaenesthes) oblongomaculata</i> (Guer.)	Oak	Kermanshah	1,6,129
3059. <i>P. talyshensis</i> (Reit.)	Oak, beech, chestnut, willow, poplar, false acacia, cherry, garden plum, apricot, peach, grapevine	Gilan, Mazandaran	129, 252
3060. <i>P. wachanrui</i> Lev.	Apple	Tehran, Kordestan, Fars, Esfahan, Markazi	665
3061. <i>P. zarudnianus</i> Germ.	Tamarisk, false acacia, convolvulus, milk vetch	Balouchestan, Kerman	1,6,117, 129, 252, 523
3062. <i>Pyrrhidium sanguineum</i> (L.)	Oak, chestnut, beech, horn beam and fruit trees	Northern provinces	129, 252, 651, 877
3063. <i>Rhagium bifasciatum</i> (F.) Syn.: <i>Rhagium parisinum</i> Fourc.	Horn beam, beech	Mazandaran	1,6, 129, 651
3064. <i>R. fasciculatum</i> Fald.	Oak, beech, chestnut, oriental plane, teil and other broad leaf forest trees	Northern provinces	1,6, 129, 651
3065. <i>R. mordax caucasicum</i> Reit.	Beech, ash, oak, chestnut, elm, maple and sometimes on cedar and pine	" "	129, 252
3066. <i>R. pygmaeum</i> Gang.	Oak, beech, chestnut, horn beam, teil, alder and other broad leaf forest trees	Gilan, Mazandaran (Elburz mountains)	1,6, 129, 252, 523
3067. <i>R. pygmaeus</i> form <i>biconnexum</i> Heyd.	Alder, horn beam, beech	Gilan, Mazandaran, Gorgan	1,6, 366
3068. <i>Rhesus serricollis</i> Motsch.	Oak, beech, teil, elm, willow, hazelnut, oriental plane and other leaf forest trees	" " "	1,6, 26, 129, 252, 523, 665
3069. <i>Rhopalopus clavipes</i> F.	Maple, oak, willow, poplar, teil, grapevine and other fruit trees	Northern provinces	129, 252
3070. <i>R. macropus</i> (Germ.)	Maple, oak, horn beam, willow, teil, poplar, white-thorn, dog-rose and other roses and also fruit trees	" "	6, 129, 252
3071. <i>Saperda carcharias</i> L.	Poplar, black poplar, white poplar, willow	Azərbayjan, Caspian Sea area	6, 26, 27, 129, 240, 252, 466
3072. <i>S. octopunctata</i> Scop. Syn.: <i>Saperda termulae</i> Gyll.	—	East Azərbaycan	1, 651

Scientific name	Host	Distribution	Reference no.
3073. <i>Saperda populnea</i> L.	Poplar, black poplar, willow	Azərbayjan, Zanzan, Tehran, Caspian Sea area	6,26,27,129,252,466
3074. <i>S. populnea salicis</i> Zell.	—	East Azərbayjan	1,366
3075. <i>S. scalaris</i> L.	Oak, beech, elm and other forest trees	In Iran	877
3076. <i>Semanotus russicus</i> (L.)	Juniper, oak	Northern provinces	6,129,252
3077. <i>S. russicus persicus</i> (Sols.)	Juniper	" "	252
3078. <i>Spondylis</i> (= <i>Attelabus</i> ) <i>buprestoides</i> (L.)	Pine, alder, horn beam, beech, maple	Mazandaran and other northern provinces	1,6,129,252
3079. <i>Stenochorus</i> (= <i>Toxotus</i> ) <i>insitivus</i> (Germ.)	Oak, chestnut and probably other broad leaf forest trees	Caspian Sea area	129,252
3080. <i>S.</i> (= <i>Toxotus</i> ) <i>vittidorsum</i> (Reit.)	Oak and other broad leaf forest trees	" " "	129,252,651
3081. <i>Stenopterus rufus</i> L.	Oak, chestnut, walnut, alder, maple, horn beam, grapevine and wild pear	Gilan, Mazandaran, Gorgan	1,6,129,252
3082. <i>Strangalia</i> (= <i>Leptura</i> ) <i>aethiops</i> (Poda) Syn.: <i>Leptura atra</i> Laich., <i>L. morio</i> F.	Oak, birch and other broad leaf forest trees	Caspian Sea area	129,252,651
3083. <i>S.</i> (= <i>Leptura</i> ) <i>bifasciata</i> (Mull.) Syn.: <i>Leptura cruciata</i> Ol.	Sarothamnus	Northern provinces	129,252,651
3084. <i>S.</i> (= <i>Pedostrangalia</i> ) <i>emmi-poda</i> (Muls.)	Wild pear	Kermanshah	1,6,129
3085. <i>S.</i> (= <i>Leptura</i> ) <i>imperbis</i> (Men.)	Probably oak and some other broad leaf forest trees	Khorasan, Caspian Sea area, Gorgan	129,252
3086. <i>S. inermis</i> J. - K.	Broad leaf forest trees	Gilan	129,252
3087. <i>S.</i> (= <i>Leptura</i> ) <i>maculata</i> (Poda) Syn.: <i>Leptura armata</i> Hbst.	Elm, birch, ash	Northern provinces	129,252,651,877
3088. <i>S.</i> (= <i>Leptura</i> ) <i>nigra</i> (L.)	Broad leaf forest trees	" "	129,252
3089. <i>S. quadrifasciata caucasica</i> Plav.	Birch, beech, oriental plane	" "	129,252
3090. <i>S. septempunctata</i> (F.)	Oak	" "	129,252
3091. <i>Strangalina</i> (= <i>Leptura</i> ) <i>atenuata</i> (L.)	Oak, chestnut, birch	" "	129,252
3092. <i>Stromatium fulvum</i> (Vill.) Syn.: <i>Stromatium unicolor</i> Ol. <i>S. strepens</i> F.	Oriental plane, ash, oak, elm, alder, teil, beech, willow, chestnut, poplar, wild pear, wych elm and other hard wood fruit trees and dried wood of these plants	Gilan, Mazandaran, Gorgan, Tehran	1,6,26, 105, 129, 240,252,523,651,786
3093. <i>Toxotus mirabilis</i> Motsch.	Juniper	Gilan (Elburz mountains)	6,129,252
3094. <i>Trichoferus</i> (= <i>Cerambyx</i> ) <i>cinereus</i> (Vill.) Syn.: <i>Trichoferus nebulosus</i> Ol.	Fig, white poplar, cherry, cerasus, oak and other broad leaf forest trees	Northern provinces	6,129,252

Scientific name	Host	Distribution	Reference no.
3095. <i>Trichoferus</i> (= <i>Callidium</i> ) <i>griseus</i> (F.) Syn.: <i>Trichoferus fasciculatus</i> Fald., <i>T. affinis</i> Lucas	Oak, fig, gardenplum, apricot, maple, walnut, sorb, cherry	Fars, Mazandaran	1,6,110,129,252, 523,665
3096. <i>T. pressi</i> Heyd.	Oak, pistachio	Balouchestan, Fars and northern pro- vinces	1,6,129
3097. <i>Xylotrechus</i> (= <i>Callidium</i> ) <i>antilope</i> (Schon.)	Oak	Northern provinces	129,252
3098. <i>X.</i> (= <i>Callidium</i> ) <i>arvicola</i> (Ol.)	Oak, beech, elm, horn beam, birch, te- il, poplar, willow, sorb, white-thorn, white mulberry and other fruit trees	" "	6,129,252
3099. <i>X.</i> (= <i>Cerambyx</i> ) <i>rusticus</i> (L.) Syn.: <i>Clytus liciatus</i> L., <i>C. hafniensis</i> F.	Poplar, willow, birch, beech, oak, elm, teal	" "	129,252,651
3100. <i>X. sieversi</i> Gang.	Milk vetch	" "	6,129,252

## FAMILY CHRYSOMELIDAE

Scientific name	Host	Distribution	Reference no.
3101. <i>Agelastica abni</i> L. Syn.: <i>Agelastica violacea</i> Laich., <i>A. caerulea</i> Baly	Alder	Northern provinces	6,108,129
3102. <i>Bedelia angustata</i> Lef.	Poplar	In Iran	129,252
3103. <i>Cassida nebulosa</i> L. Syn.: <i>Cassida affinis</i> F., <i>C. maculata</i> F.	Sugar-beet, black-weed and other Chenopodiaceae family plants	Northern and north-western provin- ces	25,26,108,252
3104. <i>C. nobilis</i> L.	Sugar-beet	Ardabil (Moghan)	462
3105. <i>C. viridis</i> L.	" "	Tehran and other northern provinces	461
3106. <i>Chrysochares asiatica</i> Pall.	Sometimes on cotton	Khorasan	26,252
3107. <i>Chrysolina hyperici</i> Forst.	—	East Azarbaijan	108,120
3108. <i>C. menthastri</i> Suffr.	Mint	East Azarbaijan and other northern provinces	26,120,252
3109. <i>Chrysomela coeruleans</i> Scrib.	—	Northern provinces	26
3110. <i>C. sahlbergi</i>	—	Tehran	26
3111. <i>Clytra atraphaxidis</i>	—	Esfahan	26
3112. <i>C. laeviuscula</i> Ratz.	Willow, poplar, oak, cherry, cerasus	East Azarbaijan and other northern provinces	6,26,120,129,252
3113. <i>C. macropus</i> Ill.	—	Generally distributed	6,120
3114. <i>C. valerianae</i> Men.	Grapevine	Kermanshah	129,252
3115. <i>Colaphellus haefi</i> (Men.)	Cabbage, radish, mustard, turnip and wild Crucifereae family plants and sometimes on cotton	Khuzestan	108,252

Scientific name	Host	Distribution	Reference no.
3116. <i>Crioceris duodecimpunctata</i> L.	Asparagus, milk vetch	Northern provinces (Elburz mountains)	6,26,129,252
3117. <i>Cryptocephalus fulgurans</i> Gebl.	Tamarisk	Kerman and other southern provinces	6,117,129
3118. <i>C. undulatus</i> Suffr.	"	Kerman	117
3119. <i>Cyaniris</i> sp.	Almond	Zanjan, Tehran, Esfahan and other central provinces	6,129,252
3120. <i>Diorrhabda elongata</i> Brulle	Tamarisk	Southern provinces	6,129,252
3121. <i>Entomoscelis adonidis</i> L. Syn.: <i>Entomoscelis dorsalis</i> F.	Cabbage, turnip, colza, poppy, carrot, mustard and other Cruciferae family plants	Khorasan, Tehran, Esfahan, Hamadan, Kermanshah, Fars and most other areas	25,26,50,108,120,127,240,252
3122. <i>E. suturalis</i> Wse.	Cruciferae family plants	Kermanshah, Tehran	26,127,252
3123. <i>Galeruca pomonae</i> Scop.	Compositae family plants especially vegetables	Northern provinces	252
3124. <i>G. tanaceti</i> L. Syn.: <i>Galeruca bonvouloiri</i> Joann.	—	In Iran	110
3125. <i>Galerucella lineola</i> F.	Willow	Northern provinces	6
3126. <i>G. (=Xanthogaleruca) luteola</i> (Mull.) Syn.: <i>Galerucella ulmi</i> Geoff., <i>G. xanthomelaena</i> Schr.	Elm, siberian elm	Generally distributed	26,91,92,108,117,120,129,142,193,240,252,628
3127. <i>G. nymphaeae</i> (L.) Syn.: <i>Galerucella polygonata</i> Laich.	Willow and on white water lily	In Iran	27,108,129,252,604
3128. <i>Gastrophysa (= Gastroidea) polygoni</i> (L.)	—	" "	108,120
3129. <i>Hypocassida subferruginea</i> Schr.	Sugar-beet	Tehran	26,252,461
3130. <i>Ischyronota elevata</i> Rtt.	Sugar-beet	Khorasan	461
3131. <i>Labidostomis armeniaca</i> Weise	Apple	Mazandaran	665
3132. <i>L. asiatica</i> Fald.	Willow	In Iran	129,252
3133. <i>L. beckeri</i> Wse.	Sometimes on oak and grapevine	Caspian Sea area	26,129,252
3134. <i>L. decipiens</i> Fald.	Tobacco, grapevine, apricot, apple	Tehran, Khorasan, Semnan, Mazandaran, Gorgan, Azarbaijan, Kerman, Hormozgan, Markazi, Hamadan, Zanjan, Esfahan, Chahar Mahal, Fars, Khuzestan	24,26,69,129,252,665
3135. <i>L. pallidipennis</i> Gebl.	Willow, poplar, cherry, dog-rose and other roses and also sometimes on wheat and other cereals	Northern and north-western provinces	6,129,252,665
3136. <i>L. stenostoma</i> V. - S.	—	In Iran	481
3137. <i>L. trigemina</i>	—	" "	26

Scientific name	Host	Distribution	Reference no.
3138. <i>Lema</i> (= <i>Ulema</i> ) <i>melanopus</i> (L.) Syn.: <i>Lema melanopa</i> L.	Wheat,barley,rye,oat,corn and other cereals and also lucerne, clover, blue-bottle, cichorium, morning glory, setaria, nutt-grass, phalaris, liquorice	Khorasan, Esfahan, Tehran, Khuzestan	69,108,127, 240, 252,333,601,622
3139. <i>Leptinotarsa decemlineata</i> (Say.)	Potato	East Azarbaijan, Ardabil, Khorasan	74,240,621,889
3140. <i>Luperus oglobini</i> Bog.	—	Kordestan	133
3141. <i>L. orientalis</i> Fald.	Apple, pear, almond, willow	Gilan, Zanjan, Kordestan, Lorestan	665
3142. <i>Melasoma</i> (= <i>Chrysomela</i> ) <i>populi</i> (L.)	Poplar, black poplar and sometimes willow	Generally distributed	6,26,27, 99,120, 129,156,252,466
3143. <i>M.</i> (= <i>Chrysomela</i> ) <i>saliceti</i> (Wse.)	Willow and sometimes poplar	Hamadan, Fars, Esfahan and north-western provinces	6,26,129,252
3144. <i>M. tremulae</i> L.	Poplar, black poplar, willow	Fars, Hamadan and northern and north-western provinces	6,26,27,129,252, 466
3145. <i>Pachybrachys hyeroglyphicus</i> Laich.	—	In Iran	120
3146. <i>Phyllotreta atra</i> (F.) Syn.: <i>Phyllotreta aterrima</i> Schr., <i>P. melana</i> Ill.	Cabbage, radish, turnip and other Cruciferae family plants and sometimes on sugar-beet	Kerman	108,127,252,461
3147. <i>P. nemorum</i> L. Syn.: <i>Phyllotreta nasturtii</i> var. <i>kunemanni</i> Reit.	Cruciferae family plants	Generally distributed	108,127
3148. <i>P. nigripes</i> F. Syn.: <i>Phyllotreta lepidii</i> Koch	Cabbage, radish, turnip and other Cruciferae family plants and sometimes on sugar-beet	" "	108,127,252
3149. <i>P. undulata</i> Kutsch. Syn.: <i>Phyllotreta nemorum</i> Pz., <i>P. flexuosa</i> Gyll.	Cabbage, radish, turnip	" "	108,127,252
3150. <i>P. vittula</i> Redt. Syn.: <i>Phyllotreta vittula</i> Steph., <i>P. nasturtii</i> Pz.	Wheat, barley, corn, millet, sugar-beet	" "	69,108,240, 252, 461,754
3151. <i>Plagiodera versicolora</i> Laich.	Willow, poplar, roses	" "	6,129,186,252
3152. <i>Rhaphidopalpa</i> (= <i>Aulacophora</i> ) <i>foveicollis</i> (Lucas) Syn.: <i>Rhaphidopalpa abdominalis</i> Wse., <i>R. africana</i> Wse.	Melon, water-melon, cucumber, squash and sometimes on grapevine	East Azarbaijan, Kermanshah, Fars, Esfahan, Tehran, Semnan, Kerman	25,26,69,108,120, 127,129,196,240, 252
3153. <i>Stylosomus</i> sp.	Tamarisk	In Iran	117
3154. <i>Theone silphoides</i> (Dal.)	Artemisia and sometimes on lentil	Northern provinces	129,252
3155. <i>Zeugophora flavicollis</i> Marsh. Syn.: <i>Zeugophora scutellaris</i> Suff.	Poplar	Generally distributed	6,99,129,252
3156. <i>Z. scutellaris</i> Suff.	Black poplar, white poplar	Azarbaijan, Markazi	466

## FAMILY CICINDELIDAE

Scientific name	Host	Distribution	Reference no.
3157. <i>Cicindela campestris</i> L. Syn.: <i>Cicindela campestris se- udomaroccana</i> Roesch.	Predator of different insects	Northern and north-western provinces	26,252,406
3158. <i>C. euphratica</i> L.	Predator of <i>Calliptamus italicus</i> , <i>Doclostaurus maroccanus</i> and other grasshoppers	Balouchestan, Khuzestan	26,252
3159. <i>C. germanica</i> L.	Predator of different insects	Northern and north-western provinces	26,252
3160. <i>C. lunulata semoralis</i> Ol.	—	East Azarbaijan	120
3161. <i>C. silvicola</i> Latr. - Dej.	Predator of different insects	Northern and north-western provinces	26,252

## FAMILY CLERIDAE

Scientific name	Host	Distribution	Reference no.
3162. <i>Cleroides formicarius</i>	—	Mazandaran	26
3163. <i>Necrobia ruficollis</i>	Animal skin, fat, egg powder, dried smoked meat and fish, cheese, bone meal, dried fruits, nuts, coccon of si- lkworm (in granary)	In Iran	775
3164. <i>N. rufipes</i> Deg. Syn.: <i>Necrobia dermestoides</i> P.-M., <i>N. glabra</i> Cham.	" " " " " "	Generelly distributed	252,775,786
3165. <i>N. violacea</i> L.	Animal skin, fat, egg powder, dried smoked meat and fish, cheese, bone meal, dried fruits, nuts, coccon of si- lkworm (in granary) and also pred- ator of <i>Calliptamus italicus</i> , <i>Docios- taurus maroccanus</i> and other gras- shopper eggs	Kermanshah and central provinces	240,252,786
3166. <i>Opilo grandis</i> Stier.	—	Fars	527
3167. <i>Tillus</i> sp.	—	East Azarbaijan	527
3168. <i>Trichodes ephippiger</i> Chevr.	—	Lorestan, Kermanshah	527
3169. <i>T. favarius insignis</i> Fisch.	—	East Azarbaijan	120,527
3170. <i>T. frater</i> Kr.	—	" "	527
3171. <i>T. laminatus</i> Chevr.	Animal products and also predator of <i>Calliptamus italicus</i> , <i>Doclostaurus maroccanus</i> and other grasshoppers	Kermanshah	240,252,527
3172. <i>T. nobilis</i> Klug	—	"	527
3173. <i>T. olivieri</i> Chevr.	—	Fars, Esfahan, Hormozgan, Balouches- tan, Tehran, Gorgan, Kerman, Khorasan, Khuzestan, Kordestan	26,527
3174. <i>T. paminatus</i> Chevr.	—	East Azarbaijan	120
3175. <i>T. persicus</i> Kr.	—	East Azarbaijan, Gilan, Mazandaran, Gorgan, Tehran, Fars	527
3176. <i>T. quadriguttatus</i> Ad.	—	Zanjan	527

Scientific name	Host	Distribution	Reference no.
3177. <i>Trichodes sexpustulatus</i> form <i>quadrimaculatus</i> Esch.	—	East Azarbaijan	527
3178. <i>T. sipylus</i> L.	—	East Azarbaijan, Kermanshah, Lorestan, Fars, Esfahan, Tehran	527
3179. <i>T. suspectus</i> Esch.	—	East Azarbaijan, Balouchestan	527
3180. <i>T. zebra</i> Fald.	—	East Azarbaijan, Esfahan	26,120,527

## FAMILY COCCINELLIDAE

Scientific name	Host	Distribution	Reference no.
3181. <i>Adalia bipunctata</i> L.	Predator of <i>Psylla pyricola</i> , <i>Therioaphis maculata</i> , <i>Myzus persicae</i> , <i>Hyodaphis coriandri</i> and other aphids, mites, scale insects and collected on apricot, lucerne, corn, apple, peach, chrysanthemum, fennel, coriander, sind-poplar, oleander, papaver and percile	Azarbaijan, Esfahan, Markazi, Khorasan, Semnan, Yazd, Fars, Kerman, Kermanshah, Khuzestan, Chahar Mahal, Mazandaran, Gorgan, Tehran, and other northern provinces	26,101,252, 269, 377,485,486,535, 565,584,599,645, 665,869,889
3182. <i>A. bipunctata</i> form <i>hexpustulata</i> L.	—	Esfahan	599
3183. <i>A. bipunctata</i> form <i>quadrimaculata</i> Scop.	—	Zanjan	599
3184. <i>A. decempunctata</i> L.	Predator of <i>Dysaphis plantaginea</i>	Esfahan, Tehran, Markazi, Fars, Yazd, Mazandaran, Gorgan, Khorasan	269,535,565,665
3185. <i>A. decempunctata</i> form <i>humeralis</i> Schall.	—	Ilam	599
3186. <i>A. decempunctata</i> form <i>subpunctata</i> Schr.	—	Esfahan	599
3187. <i>Adonia variegata</i> (Goeze)	Predator of <i>Phenacoccus aceris</i> , <i>Pseudococcus citri</i> , <i>Sesamia nonagrioides</i> and aphids	East Azarbaijan, Esfahan, Balouchestan, Khuzestan, Kerman, Tehran, Khorasan and other northern provinces	15,26, 252, 264, 269,286,377,557, 584,599,665,723
3188. <i>A. variegata</i> form <i>carpini</i> Geoff.	—	East Azarbaijan, Khorasan, Tehran, Zanjan, Markazi, Kerman, Esfahan	599
3189. <i>A. variegata</i> form <i>constellata</i> Laich.	Predator of <i>Aphis gossypii</i> and other aphids and collected on lucerne	Azarbaijan, Tehran, Markazi, Semnan, Balouchestan, Kerman, Zanjan, Kermanshah	117,120,599,654
3190. <i>A. variegata</i> form <i>neglecta</i> Wse.	—	East Azarbaijan, Kordestan, Zanjan, Tehran, Semnan, Kermanshah	599
3191. <i>A. variegata</i> form <i>quinquemaculata</i> F.	—	Semnan, Kerman	599
3192. <i>A. variegata</i> form <i>sexpunctata</i> F.	—	Tehran	599
3193. <i>Anisostica bitriangularis</i> Say	Predator of aphids	Khorasan	869
3194. <i>A. 19-punctata</i>	predator of aphids and collected on lucerne	In Iran	377



Scientific name	Host	Distribution	Reference no.
3195. <i>Brumus octosignatus</i> Gebl.	Predator of Diaspididae family species and <i>Phenacoccus aceris</i> , <i>Pseudococcus citri</i> , aphids and collected on plum, apricot, pistachio and lucerne	East Azarbaijan, Esfahan, Kerman, Khorasan, Tehran and other northern provinces	252,269,288,377, 485,486,535,599, 665,869,872
3196. <i>B. quadripustulatus ibericus</i>	Predator and collected on apple	West Azarbaijan	645,665
3197. <i>Bulaea lichatschovi</i> Humm.	Sugar-beet and also predator of aphids	Azarbaijan, Khorasan, Tehran, Markazi, Kerman, Balouchestan, Esfahan	69,120,127, 240, 269,461,535,599, 645
3198. <i>Cabia decemguttata</i> L.	Predator of aphids and collected on apple	Khorasan, Lorestan	599,665
3199. <i>C. quatuordecimguttata</i> (L.)	Predator of aphids and psyllids	Kerman	485
3200. <i>Cheilomenes sexmaculata</i> (F.)	Predator of aphids	"	485,486
3201. <i>Chilocorus bipustulatus</i> (L.)	Predator of <i>Chrysomphabus dictyospermi</i> , <i>Parlatoria oleae</i> , <i>P. blanchardi</i> , <i>Saissetia oleae</i> , <i>Ommatissus binotatus</i> var. <i>lybicus</i> , <i>Phloeomyzus passerini</i> , <i>Aonidiella orientalis</i> , <i>Pseudaulacaspis pentagona</i> , <i>Kermanensis salicicola</i> , <i>Lepidosaphes malicola</i> , <i>Psylla pyricola</i> , <i>Bemisia tabaci</i> and other mealybugs and aphids and collected on lucerne, poplar, tamarisk, cherry, pistachio and garden plum	Generally distributed	24,26,52, 61, 99, 101,117,129,181, 194,240,252,269, 286,300,306,474, 478,481,485,486, 535,557,565,592, 599,645,665,728, 869,872,889
3202. <i>C. bipustulatus</i> var. <i>iranensis</i> Ip.	Predator of <i>Parlatoria blanchardi</i> and aphids and collected on sind-poplar, corn and starwort	Khuzestan and most other date-palm planting areas	306,584
3203. <i>C. stigma</i> Say	Predator of <i>Lepidosaphes beckii</i>	Northern provinces	128
3204. <i>Clitostethus arcuatus</i> (Rossi)	Predator of <i>Tetranychus turkestanii</i> , <i>Siphoninus phillyreae</i> , <i>Bemisia tabaci</i> and aphids and collected on cotton, tobacco, citrus, elm, ash, pomegranate and weeds	Khorasan, Mazandaran, Gorgan, Fars, Chahar Mahal, Kerman	43,52, 101, 485, 486,535,565,807
3205. <i>Coccinella bimaculata</i>	—	Fars	80
3206. <i>C. iranica</i> Dobzh.	—	Mazandaran, Tehran	599
3207. <i>C. quadrimaculata</i> L.	Predator of aphids	Tehran, Fars	26,238,252
3208. <i>C. quatuordecimpunctata</i> Pont.	Predator of <i>Saissetia oleae</i> and aphids	Caspian Sea area	26,238,252
3209. <i>C. redemita</i> (Weise)	Predator of aphids	Chahar Mahal	101
3210. <i>C. septempunctata</i> L.	Predator of <i>Myzus persicae</i> , <i>Sitobion avenae</i> , <i>Diuraphis noxia</i> , <i>Therioaphis maculata</i> , <i>Aphis craccivora</i> , <i>A. gossypii</i> , <i>Schizaphis graminum</i> , <i>Parlatoria oleae</i> , <i>Ommatissus binotatus</i> var. <i>lybicus</i> , <i>Saissetia oleae</i> , <i>Aonidiella orientalis</i> , <i>Sesamia nonagrioides</i> , <i>Spodoptera littoralis</i> and collected on wheat, corn, sugar-beet, sind-poplar, roses, dahlia, screw bean and vetch	Generally distributed	15,26,32,45,52,99, 101,117,120,174, 252,256,264,269, 300,310,321,348, 377,402,403,478, 485,486,487,535, 557,564,565,584, 599,645,665,723, 869,889

Scientific name	Host	Distribution	Reference no.
3211. <i>Coccinella undecimpunctata</i> (L.)	Predator of <i>Aphis gossypii</i> , <i>Myzus persicae</i> , <i>Hyadaphis coriandri</i> , <i>Schizaphis graminum</i> , <i>Therioaphis maculata</i> , <i>Bemisia tabaci</i> , <i>Ommatissus binotatus</i> var. <i>lybicus</i> and collected on apple and cotton	Azərbayjan, Mazandaran, Gorgan, Balouchestan, Markazi, Tehran, Khorasan, Hamadan, Lorestan, Kordestan, Kerman, Kermanshah, Zanjan, Esfahan, Yazd, Fars, Khuzestan,	52,269,300, 321, 377,485,535,565, 584,599,665,869
3212. <i>Coccinula elegantula</i> Weise	Predator of aphids	Khorasan	869
3213. <i>Cryptolaemus montrouzieri</i> Muls.	Predator of <i>Pseudococcus maritimus</i> , <i>P. filamentosus</i> and collected on fig, grapevine, tamarisk and oleander	Fars, Gorgan, Mazandaran and other northern provinces	43,240,446, 448, 565,889
3214. <i>Diloponis fuerschi</i> Ahm. - Yazd.	Predator of <i>Parlatoria blanchardi</i> , <i>Pistaciaspis pistaciae</i> , <i>P. pistacicola</i> , <i>Lepidosaphes malicola</i> , <i>Tecaspis asiatica</i> , <i>Melanaspis inopinata</i> , <i>Chionaspis salicis</i> and collected on willow, almond, date-palm, ash and wild pistachio	Balouchestan, Fars	40,871
3215. <i>Diomus rubidus</i> (Motsch.)	Predator of aphids	Kerman	485
3216. <i>Epilachna argus</i> Geoff.	—	Kermanshah	599
3217. <i>E. chrysomelina</i> F.	Melon, water-melon, squash, cucumber, bitter cucumber, snake cucumber	East Azərbayjan, Khorasan, Caspian Sea area, Gorgan, Hormozgan, Balouchestan, Kerman, Fars, Esfahan, Tehran, Markazi, Hamadan, Semnan, Kermanshah, Khuzestan	25,26,69,120,127, 240,252,269,485, 486,535,565,584, 599,727,889
3218. <i>E. elaterii</i> (Rossi)	Cucurbitaceae family plants	Khorasan	869
3219. <i>Exochomus flavipes</i> (Thunb.)	Predator of <i>Myzus persicae</i> , <i>Brachycaudus amygdalinus</i> , <i>Parlatoria oleae</i> , <i>Ommatissus binotatus</i> var. <i>lybicus</i> , <i>Saissetia oleae</i> and some other mealybugs and collected on lucerne and poplar	East Azərbayjan, Esfahan, Fars, Caspian Sea area, Gorgan, Tehran, Markazi, Balouchestan, Kermanshah, Khorasan	252,256,269,286, 557,599,665,728, 869,889
3220. <i>E. illaesiollis</i> Roub.	Predator of Coccidae family species	Kerman	872
3221. <i>E. melanocephalus</i> Zoubk	Predator of aphids	Chahar Mahal, Khorasan	101,869
3222. <i>E. nigripennis</i> (Erich.)	Predator of aphids and also <i>Bemisia tabaci</i> , <i>Acanthococcus abaii</i> and Diaspididae family species and collected on corn, haloxylon, sind-poplar and starwort	Khorasan, Kerman, Mazandaran, Gorgan, Fars	52,101, 485,535, 565,847,872
3223. <i>E. nigromaculatus</i> (Goeze)	Predator of <i>Therioaphis maculata</i> , <i>Diuraphis noxia</i> , <i>Bemisia tabaci</i> , <i>Aonidiella orientalis</i> and other Diaspididae family species	West Azərbayjan, Chahar Mahal, Kerman, Tehran, Caspian Sea area, Fars, Khorasan, Mazandaran, Gorgan	46,52,99,252,487, 535,565,665,872
3224. <i>E. pubescens</i> Kust.	Predator of aphids, <i>Bemisia tabaci</i> and Diaspididae family species	Khorasan, Fars, Kerman	52,535,872
3225. <i>E. quadripustulatus</i> L.	Predator of <i>Psylla pyricola</i> , <i>Aphis fabae</i> , <i>Eriosoma lanigerum</i> , <i>Saissetia oleae</i> , <i>Aonidiella orientalis</i> , <i>Parlatoria oleae</i> and Coccidae family species and other mealybugs	West Azərbayjan, Tehran, Caspian Sea area, Kerman, Fars, Khorasan, Chahar Mahal and central provinces	99,101,128, 252, 256,377,478,485, 486,487,645,665, 728,869m872

Scientific name	Host	Distribution	Reference no.
3226. <i>Exochomus quadripustulatus</i> var. <i>floralis</i> Motsch.	Predator of <i>Parlatoria oleae</i> and <i>Chrysomphalus dictyospermi</i>	East Azarbaijan, Zanzan, Caspian Sea area, Tehran, Markazi, Ilam and south- ern provinces	128,252,478,599
3227. <i>E. undulatus</i> Weise	Predator of <i>Aonidiella orientalis</i> and other Diaspididae family species	Fars, Kerman, Chahar Mahal, Khorasan	101,486,487,535, 872
3228. <i>Halizia sedecimguttata</i> L.	—	Gilan	110,599
3229. <i>Harmonia</i> (= <i>Coccinella</i> ) <i>conglobata</i> L.	Predator of <i>Psylla pyricola</i> , aphids and collected on lucerne	Tehran, Semnan, Khorasan, Azarbaijan, Markazi, Mazandaran, Hamadan, Zanj- an, Lorestan, Kordestan, Kermanshah, Esfahan, Yazd, Fars, Kerman	557,665
3230. <i>Hippodamia signata</i> Fald.	—	Fars	599
3231. <i>H. tredecimpunctata</i> (L.)	Predator of <i>Aphis fabae</i> and other aphids and collected on lucerne, rice and walnut	West Azarbaijan, Esfahan, Chahar Mahal	101,129,252,269, 377,645
3232. <i>H. variegata</i> (Goeze)	Predator of <i>Bemisia tabaci</i> , <i>Diura- phis noxia</i> , <i>Sitobion avenae</i> and oth- er aphids and collected on wheat, lucerne and sometimes on apple, pomegranate, pistachio and peach	Kerman, Fars, Mazandaran, Gorgan, Tehran, Khorasan, Chahar Mahal	46,52,99,101,485, 486,535,565,869
3233. <i>Hyperaspis concolor</i> (Suff.)	Predator of aphids	Chahar Mahal	101
3234. <i>H. duvergeri</i> (Fursch)	" " "	" "	101
3235. <i>H. marmottani</i> Fair.	" " "	Khorasan	869
3236. <i>H. persica</i> Duv.	" " "	"	535
3237. <i>H. polita</i> Weise	Predator of <i>Nipaeococcus viridis</i> and other Pseudococcidae family species and aphids and collected on lime tree and white mulberry	Khuzestan, Mazandaran, Gorgan, Kerman	77,78, 485, 486, 565,584
3238. <i>H. pumilla</i> Muls.	Predator of aphids	Khorasan	535
3239. <i>H. syriaco</i> (Weise)	" " "	Chahar Mahal	101
3240. <i>Lindorus lophanthus</i> Blas.	Predator of <i>Lepidosaphes beckii</i>	Northern provinces	128
3241. <i>Menochilus sexmaculatus</i> F.	—	Balouchestan, Tehran	599
3242. <i>Nephus biguttatus</i> M.	Predator of aphids	Mazandaran, Gorgan, Khorasan	535,565
3243. <i>N. bipunctatus</i> Kug.	Predator of aphids and collected on lucerne, fig and poplar	Kerman, Fars	43,486
3244. <i>N. bisignatus etesiacus</i> Fursch	Predator of aphids	Khorasan	869
3245. <i>N. includens</i> (Kirsch.)	Predator of <i>Planococcus citri</i> and other Pseudococcidae family species and collected on lime tree and whi- te mulberry	Khuzestan	78,584
3246. <i>N. sp. nr. fenestratus</i> (Sahlb.)	Predator of <i>Planococcus citri</i> , <i>Nipae- coccus viridis</i> and other Pseudococ- cidae family species and collected on lime tree and white mulberry	"	77,78,584

Scientific name	Host	Distribution	Reference no.
3247. <i>Novius</i> (= <i>Rodalia</i> ) <i>cardinalis</i> (Muls.)	Predator of <i>Icerya purchasi</i>	Gilan, Mazandaran, Gorgan, Fars,	26,128,194, 195, 240,252,286,307, 424,427,443,445, 565,665,889
3248. <i>Oenopia conglobata</i> (L.)	Predator of aphids, <i>Bemisia tabaci</i> , <i>Galerucella luteola</i> and collected on apple, peach, lucerne and corn	Kerman , Fars , Chahar Mahal, Khorasan, Khuzestan, Mazandaran, Gorgan	52,101,485, 486, 535,565,584,628
3249. <i>O. conglobata contaminata</i> Men.	Predator of aphids	Khorasan	869
3250. <i>O. oncina</i> (Ol.)	Predator of <i>Bemisia tabaci</i> and aphids	Khorasan, Chahar Mahal, Fars , Mazandaran, Gorgan	52,101,535,565
3251. <i>O. oncina addicata</i> (Muls.)	Predator of aphids	Chahar Mahal	101
3252. <i>Olla</i> sp.	—	In Iran	238
3253. <i>Phoroscygnus arabicus</i> Fursch	Predator of <i>Parlatoria blanchardi</i>	Fars	42,871
3254. <i>P. ovoideus</i> Sic.	Predator of <i>Aonidiella orientalis</i> , <i>Parlatoria blanchardi</i> and collected on date-palm, apple, willow, ash, citrus and oleander	Fars, Kerman	42,486,487,871
3255. <i>P. pharoides</i> Mars.	Predator of Diaspididae family species	Chahar Mahal, Fars	36,101
3256. <i>P. setulosus</i> Chevr.	Predator of <i>Parlatoria blanchardi</i>	Fars	42,871
3257. <i>P.</i> sp.	Predator of aphids	Kerman	485
3258. <i>Platynaspis luteorubra</i> (Goeze)	" " "	Khorasan	535
3259. <i>Propylaea quatuordecimpunctata</i> L.	Predator of <i>Sitobion avenae</i> and other aphids, spider mites and mealybugs such as <i>Phenacoccus aceris</i> and collected on lucerne, clover and spiny sow thistle	Tehran, Esfahan, Khuzestan, Mazandaran , Gorgan , Khorasan , Chahar Mahal	101,174,252,269, 286,377,557,565, 584,599,665,869
3260. <i>Psyllobora vigintiduopunctata</i> (L.)	Predator of aphids	Chahar Mahal, Mazandaran, Gorgan, Khorasan	101,535,565,869
3261. <i>Rodalia fausti</i> Weise	" " "	Khorasan	869
3262. <i>Scymnus apetzi</i> Muls.	Predator of <i>Aphis gossypii</i> , <i>Diuraphis noxia</i> , <i>Bemisia tabaci</i> and collected on Leguminosae and Gramineae family plants	West Azarbaijan, Chahar Mahal, Fars, Mazandaran, Gorgan	41,52, 101, 565, 645,870
3263. <i>S. araraticus</i> Khnzor.	Predator of aphids	Fars	43,870
3264. <i>S. argutus</i> Muls.	Predator of aphids and collected on peach, pomegranate, roses, lucerne, corn and almond	Chahar Mahal, Kerman	485,486
3265. <i>S. auritus</i> Thunb.	Predator of aphids and collected on oak	Chahar Mahal, Fars	43,101,870
3266. <i>S. bimaculatus</i>	Predator of <i>Pseudococcus citri</i> , <i>P. adonidum</i> , <i>Phenacoccus aceris</i> and other mealybugs	Caspian Sea area	129,252,665
3267. <i>S.</i> (= <i>Nephus</i> ) <i>bipunctatus</i> Kug.	Predator of aphids and <i>Bemisia tabaci</i> and collected on apple	Esfahan, Kerman, Fars	43,52, 269, 377, 485,665

Scientific name	Host	Distribution	Reference no.
3268. <i>Scymnus bisignatus etesiacus</i> Fursch	—	Tehran	599
3269. <i>S. flavicollis</i> Redt.	Predator of aphids, <i>Bemisia tabaci</i> and collected on lucerne	Chahar Mahal, Fars	43,52, 101, 486, 870
3270. <i>S. frontalis</i> (F.)	Predator of <i>Aphis fabae</i> and other aphids and spider mites and collected on apple	West Azarbaijan, Esfahan, Khorasan	269,377,645,665, 869
3271. <i>S. impexus</i> Muls.	Predator of <i>Pemphigus vesicalis</i> , <i>Parlatoria blanchardi</i> and collected on corn, wheat, lucerne and apricot	West Azarbaijan	43,52, 485, 645, 870
3272. <i>S. indrihensis</i>	Predator of aphids	Khorasan	535
3273. <i>S. levaillanti</i> Muls.	Predator of aphids, <i>Bemisia tabaci</i> and collected on weeds	Kerman, Fars, Khuzestan, Khorasan	52,485,535, 584, 870
3274. <i>S. marginicollis</i> Mann.	Predator of <i>Lepidosaphes beckii</i>	Northern provinces	128
3275. <i>S. mongolicus</i> Ws.	Predator of aphids and collected on tamarisk	Kerman, Khorasan	117,535
3276. <i>S. nigrinus</i> Kug.	Predator of aphids and spider mites and collected on apple	Esfahan	269,377,665
3277. <i>S. palipediformis</i> Gunth.	Predator of aphids	Khorasan	869
3278. <i>S. pallipes</i> Muls.	" " "	Chahar Mahal, Mazandaran, Gorgan, Khorasan	101,565,869
3279. <i>S. quadriguttatus</i> Capra	Predator of aphids and collected on fruit trees and weeds	Mazandaran, Gorgan, Fars, Khorasan	43,565,869,870
3280. <i>S. (= Nephus) quadrimaculatus</i> (Hbst.)	Predator of <i>Pseudococcus citri</i> , <i>P. adonidum</i> , <i>Parlatoria blanchardi</i> , <i>Phenacoccus aceris</i> and other mealybugs	Caspian Sea area, Khuzestan	129,252,306,584, 665
3281. <i>S. rubromaculatus</i> Goeze	Predator of aphids, <i>Bemisia tabaci</i> and collected on lucerne, corn, almond, pomegranate, peach, vegetables and weeds	Fars	52,870
3282. <i>S. subvillosus</i> (Gz.)	Predator of spider mites, <i>Aphis pomi</i> and other aphids and collected on apple, lucerne, cucumber, corn, almond, pistachio and pomegranate	Azarbaijan, Esfahan, Tehran, Khorasan, Markazi, Fars, Mazandaran, Kerman	32,269,486, 645, 665
3283. <i>S. syriacus</i> Mars.	Predator of aphids, <i>Bemisia tabaci</i> and collected on different plants	Chahar Mahal, Mazandaran, Gorgan, Khorasan, Fars, Kerman	43,52, 101, 486, 535,565,869,870
3284. <i>Serangium montazerii</i> F.	Predator of aphids	Mazandaran, Gorgan	565
3285. <i>Sidis biflamulatus</i> (Motsch)	" " "	Chahar Mahal	101
3286. <i>Stethorus gibrifrons</i> (Muls.)	Predator of aphids, <i>Tetranychus telarius</i> and <i>Eotetranychus hirsti</i> and collected on date-palm, almond, cherry, pistachio, fig, apricot, lime tree, white mulberry, chrysanthemum and castor-bean	Mazandaran, Gorgan, Tehran, Chahar Mahal, Khorasan, Fars, Kerman, Khuzestan	101,252,336,485, 486,535,565,584, 751,869

Scientific name	Host	Distribution	Reference no.
3287. <i>Stethorus punctillum</i> Ws.	Predator of <i>Panonychus ulmi</i> , <i>Tetranychus urticae</i> , <i>T. turkestanii</i> , <i>T. orientalis</i> , <i>Oligotetranychus sacchari</i> and collected on apple and cherry	West Azarbaijan, Esfahan, Kerman, Chahar Mahal, Khuzestan, Khorasan	101,128,269,270, 535,588,590,645, 726,807
3288. <i>Synharmonia conglobata</i> L.	Predator of <i>Therioaphis maculata</i> , <i>Aphis gossypii</i> and other aphids and collected on apple	Azarbaijan, Hamadan, Samnan, Esfahan, Mazandaran, Lorestan, Tehran, Kermanshah, Kerman, Hormozgan	99,252,269, 377, 599,889
3289. <i>S. lyncea</i> var. <i>aganta</i> Rosh.	—	Balouchestan, Fars, Esfahan, Lorestan, Kermanshah	599
3290. <i>S. oncina</i> Ol.	—	East Azarbaijan	599
3291. <i>Thea vigintiduopunctata</i> (L.)	Predator of <i>Tetranychus tetarius</i> , <i>Bryobia praetiosa</i> , <i>Aphis fabae</i> and other aphids and collected on lucerne, sugar-beet, poplar and weeds	Generally distributed	99,120, 252, 269, 377,486,557,599, 645,665,723
3292. <i>Vibidia duodecimgutata</i> (Poda)	Predator of <i>Bryobia rubrioculus</i>	West Azarbaijan	645

## FAMILY CRYPTOPHAGIDAE

Scientific name	Host	Distribution	Reference no.
3293. <i>Cryptophagus araxicola</i> Reitt.	Fungus and on dried fruits (in damp granaries)	East Azarbaijan	664
3294. <i>C. cellaris</i> (Scop.)	" " " " " "	" "	664
3295. <i>C. distinguendus</i> (Sturm.)	" " " " " "	" "	664
3296. <i>C. hexagonalis</i> (Tourn.)	" " " " " "	" "	664
3297. <i>C. simplex</i> Mill.	" " " " " "	" "	664
3298. <i>C. laticollis</i> Luc.	" " " " " "	" "	664

## FAMILY CUCUJIDAE

Scientific name	Host	Distribution	Reference no.
3299. <i>Cryptolestes</i> (= <i>Laemophloeus</i> ) <i>ferrugineus</i> (Steph.) Syn.: <i>Laemophloeus testaceus</i> Payk.	Cotton, wheat (in granary)	Generally distributed	187,252,775,766 491/1
3300. <i>C.</i> (= <i>Laemophloeus</i> ) <i>turcicus</i> (Grouv.)	Cacao, cotton, rice, wheat and other cereals and their products (in granary)	" "	187,252,329,775, 786
3301. <i>Laemophloeus minutus</i> Ol. Syn.: <i>Laemophloeus pusillus</i> Schon., <i>L. longicornis</i> Mann.	Wheat (in granary)	In Iran	187
3302. <i>L. pusillus</i> (Schon.) Syn.: <i>Laemophloeus minutus</i> Ol.	Rice, wheat and other cereals and their products (in granary)	Esfahan, Tehran	187,252

## FAMILY CURCULIONIDAE

Scientific name	Host	Distribution	Reference no.
3303. <i>Acytopeus curvirostris</i> Boh.	Water-melon and other Cucurbitaceae family plants	In Iran	136
3304. <i>A. curvirostris citrulli</i> (Marsh.)	Water-melon	" "	139
3305. <i>A. curvirostris curvirostris</i> Boh.	" "	" "	139
3306. <i>A. curvirostris granulipennis</i> (Tourn.)	" "	" "	139
3307. <i>A. curvirostris persicus</i> (Thomp.) Syn.: <i>Baris granulipennis</i> Tourn., <i>Athesapeuta colocynthae</i> Voss.	Water-melon,cantaloupe,cucumber, melon,squash,bitter cucumber	East Azarbaijan, Khorasan, Kerman, Balouchestan, Tehran, Markazi, Fars, Esfahan,Kordestan,Khuzestan,Hormozgan	127,139,240,313
3308. <i>Ammocleonus aschabadensis</i> Fst.	Sugar-beet	Fars,Kerman	69,138,461
3309. <i>A. ganglbaueri</i> Fst.	—	Fars	138
3310. <i>A. hieroglyphicus</i> Ol.	—	"	138
3311. <i>A. quadrimaculatus</i> Mots.	Sugar-beet	Fars,Kerman	69,461
3312. <i>Anthonomus gemmicola</i> Ter Minacian	—	Probably in northern and north-eastern provinces	110
3313. <i>A. ornatoides</i> Reitt.	—	In Iran	108
3314. <i>A. pomorum</i> L. Syn.: <i>Anthonomus incurvus</i> Steph., <i>A. pyri</i> Redt.	Apple,pear, white-thorn and other cultivated and wild Rosaceae family fruit trees	East Azarbaijan, Khorasan , Tehran , Markazi, Hamadan, Zanjan, Chahar Mahal, Esfahan and other fruit planting areas	24,69, 120, 128, 129,176,240,241, 252,381,665,788
3315. <i>Apion aestivum</i> (Germ.)	Cotton,lucerne, sainfoin and sometimes on wheat,bean and artemisia	East Azarbaijan,Lorestan and southern and western provinces	25,26, 127, 196, 252,542
3316. <i>A. apricans</i> Hbst. Syn.: <i>Apion fagi</i> Kirby, <i>A. flavipes</i> Pz.	Lucerne,sainfoin, bean, weeds and sometimes on wheat	East Azarbaijan and other northern provinces	25,26, 108, 252, 382,542
3317. <i>A. curvirostre</i> Gyll.	—	Fars	138
3318. <i>A. flavipes</i> Payk.	Clover	In Iran	25,252
3319. <i>A. longirostre</i> Ol.	Hollyhoch and other Malvaceae family plants and sometimes on sainfoin	East Azarbaijan and other northern provinces	25,26,252,542
3320. <i>A. loti</i> Kirby Syn.: <i>Apion angustatum</i> Kirby, <i>A. languidum</i> Gyll.	Lucerne,sainfoin	East Azarbaijan	382,542
3321. <i>A. macrorrhynchum</i> Eppel.	—	Fars	138
3322. <i>A. miniatum</i> Germ. Syn.: <i>Apion frumentarius</i> F., <i>A. ferumentarium</i> Kirby	Lucerne	East Azarbaijan	382,542
3323. <i>A. ochropus</i> Germ.	Broad bean,sainfoin and cereals	" "	108,542
3324. <i>A. persicum</i> Dsbr.	Sainfoin	East Azarbaijan	542

Scientific name	Host	Distribution	Reference no.
3325. <i>Apion pisi</i> F. Syn.: <i>Apion pullum</i> Gyll., <i>A. aeratum</i> Steph.	Lucerne,sainfoin	" "	382,542
3326. <i>A. sp. nr. loti</i> Kirby	" "	" "	542
3327. <i>A. (= Onychapion) tamaricis</i> (Gyll.)	Tamarisk	Kerman	6,117,129
3328. <i>A. tenue</i> Kirby	Lucerne,sainfoin	East Azarbaijan	108,542
3329. <i>A. trifolii</i> L.	Lucerne, clover	Tehran	240
3330. <i>A. viciae</i> Payk. Syn.: <i>Apion viciae</i> var. <i>rufinasus</i> Desbr.	Sometimes on potato and wheat	East Azarbaijan	382,542
3331. <i>Aplesihus ruginodis</i> Reitt.	—	Fars,Tehran,Markazi,Lorestan	138,866
3332. <i>Balaninus (= Curculio) glandium</i> (Marsh.) Syn.: <i>Balaninus turbatus</i> Gyll., <i>B. nucum</i> Germ.	Oak	Fars, western and south-western provinces	6,129,381
3333. <i>Bangasternus orientalis</i> Cap.	Sometimes on lucerne, wheat and weeds	East Azarbaijan	542
3334. <i>Baris atramentaria</i> Boh.	Sometimes on lucerne	" "	542
3335. <i>B. coerulea</i> Scop. Syn.: <i>Baris chalybaea</i> Gmel., <i>B. nitens</i> Gmel.	Sometimes on lucerne	" "	381,542
3336. <i>B. granulipennis</i> Tourn.	—	Fars	69,138
3337. <i>B. scolopacea</i> Germ. Syn.: <i>Baris carneri</i> Pic., <i>B. colorata</i> Boh.	Sugar-beet and also on red root, sea orache,suaeda and salicornia	Tehran	69,108,127, 381, 461
3338. <i>B. timida</i> Ross. Syn.: <i>Baris nitens</i> F., <i>B.</i> <i>timida</i> var. <i>polita</i> Reitt.	—	Fars	138,381
3339. <i>Bothynoderes carinatus</i> Zubk.	Sugar-beet	Tehran, East Azarbaijan, Kordestan, Khorasan	69,127,240,461
3340. <i>B. fasciatus</i> Gebl.	" "	Fars	127,252
3341. <i>B. foveicollis</i> Gebl.	" "	"	25,127,252
3342. <i>B. obliquefasciatus</i> Germ.	" "	Fars,Esfahan,Tehran	69,127,138, 240, 461
3343. <i>B. punctiventris</i> Germ. Syn.: <i>Bothynoderes uniformis</i> Chevr.	Sugar-beet and sometimes on cot- ton and weeds	East Azarbaijan,Khorasan,Fars,Tehran	22,25,26,108,127, 252,542,754
3344. <i>B. steveni</i> Farh.	Sugar-beet	West Azarbaijan,Khorasan,Tehran	69,127,240,461
3345. <i>Calandra picea</i> Pall. Syn.: <i>Calandra opaca</i> Stierl.	—	Fars	69,138,381
3346. <i>Cantorrhinus sp.</i>	—	"	138



Scientific name	Host	Distribution	Reference no.
3347. <i>Ceuthorrhynchus assimilis</i> Payk. Syn.: <i>Ceuthorrhynchus fallax</i> Schul., <i>C. brassicae</i> Foc.	—	In Iran	341,381
3348. <i>C. duvali</i> Ch. - Bris.	—	In Iran	381
3349. <i>C. erysimi</i> F. Syn.: <i>Ceuthorrhynchus chloropterus</i> Steph., <i>C. cyaneus</i> Wse.	On weeds	East Azarbaijan	108,381,542
3350. <i>C. gottwaldi</i> Dieck.	" "	" "	542
3351. <i>C. herbsti</i> Fst.	" "	" "	542
3352. <i>C. macula-alba</i> Hbst. Syn.: <i>Ceuthorrhynchus cardui</i> Ol., <i>C. seriatus</i> Boh.	Poppy, walted thistle, hedge mustard and Borraginaceae family plants	Khorasan, Chahar Mahal, Esfahan, Markazi	25,26,50,108,127,240,252,381
3353. <i>C. nanus angustulus</i> Gyll.	—	In Iran	381
3354. <i>C. picitarsis</i> Gyll. Syn.: <i>Ceuthorrhynchus tarsalis</i> Boh.	On weeds	East Azarbaijan	108,381,542
3355. <i>C. pleurostigma</i> Marsh. Syn.: <i>Ceuthorrhynchus sulcicollis</i> Thoms.	" "	" "	108,381,542
3356. <i>C. sp. nr. chalybaeus</i> Germ.	On weeds	East Azarbaijan	542
3357. <i>C. sp. nr. pulvinatus</i> Gyll.	" "	" "	542
3358. <i>C. syrites</i> Germ. Syn.: <i>Ceuthorrhynchus obstructus</i> Steph.	—	In Iran	381
3359. <i>Chromonotus vittatus</i> Zubk.	Sugar-beet	Fars, Kerman	252,754
3360. <i>Chromosomus confluentis</i> Fahr.	" "	Khorasan, Tehran, Kerman	127,461
3361. <i>C. fischeri</i> Fahr.	Arthropytum, sugar-beet, haloxylon, sea orache and other Chenopodiaceae family plants	Khorasan, Fars, Tehran, Kerman	6,69,70,127, 129, 138,252,461
3362. <i>C. schach</i> Fst.	Sugar-beet	Fars	138
3363. <i>Cionus thapsi</i> F. Syn.: <i>Cionus similis</i> Gozis	—	In Iran	382
3364. <i>Cleonus piger</i> Scop. Syn.: <i>Cleonus sulcirostris</i> L., <i>Cionus piger</i> var. <i>scutellatus</i> Boh.	On cirsium	East Azarbaijan	380,542
3365. <i>C. piger iranensis</i>	—	East Azarbaijan (Sabalan mountain)	866
3366. <i>Coniatus schrencki</i> Gebl.	Tamarisk	Southern provinces	6,117,129
3367. <i>C. suavis</i> Gyll. Syn.: <i>Coniatus triangulifer</i> Chev.	"	Mazandaran and southern provinces	6,117,129,381

Scientific name	Host	Distribution	Reference no.
3368. <i>Coniatus tamarisci</i> F. Syn.: <i>Coniatus tamarisci</i> var. <i>deyrollei</i> Cap.	Tamarisk	Balouchestan, Kerman	6,117,129,381
3369. <i>Coniocleonus excoriarius</i> Gyll.	—	Fars	108,138
3370. <i>C. mesopotamicus</i> Ol.	—	"	138
3371. <i>C. nigrosuturatus</i> Goeze Syn.: <i>Coniocleonus obliquus</i> F., <i>C. albirostris</i> Chevr.	Sugar-beet	Fars, Tehran	138,380,461
3372. <i>Conorrhynchus</i> (= <i>Temnorhynchus</i> ) <i>brevirostris</i> (Gyll.) Syn.: <i>Conorrhynchus saucerot-</i> <i>ti</i> Chev., <i>C. aegyptius</i> Chevr.	Sugar-beet and also black-weed, anabasis, purslane and salicornia	West Azarbaijan, Khorasan, Kerman, Fars, Esfahan, Tehran and most other sugar-beet planting areas	69,70,78,192,240, 380,461,463,889
3373. <i>C.</i> (= <i>Temnorhinus</i> ) <i>elongatus</i> (Gyll.)	Tamarisk	Fars and other southern provinces	6,117,129,138
3374. <i>C. lacerta</i> Chev.	—	Fars	138
3375. <i>C. nigrivittis</i> Pall.	Sugar-beet	West Azarbaijan, Tehran, Khorasan	69,127,240,461
3376. <i>C. pistor</i> Chev.	" "	Tehran, Kerman	69,108,127, 240, 252,461
3377. <i>Curculio lodosi</i> Dick.	Oak	Western provinces	6
3378. <i>Cycloides canescens</i> Rossi	Sugar-beet	Fars	461
3379. <i>C. cribricollis</i> Desbr.	" "	"	461
3380. <i>Cyphocleonus tigrinus</i> Pz. Syn.: <i>Cyphocleonus marmora-</i> <i>tus</i> F., <i>C. sparsus</i> Desbr.	On cirsium	East Azarbaijan	380,542
3381. <i>Eteophilus nebulosus</i> Gyll. Syn.: <i>Eteophilus nebulosus</i> var. <i>arcuatus</i> Faust.	—	In Iran	382
3382. <i>Eusomus ovulum</i> Germ.	Sainfoin	East Azarbaijan	542
3383. <i>Eustolus</i> (= <i>Polydrosus</i> ) <i>davatchii</i> Hoff.	Pistachio	Kerman, Khorasan, Markazi	6,108, 128, 129, 252
3384. <i>Geranorrhinus pusillus</i> Motsch.	Tamarisk	Tehran	6,117,129
3385. <i>Gymnetron germari</i> Fst.	On sainfoin	East Azarbaijan	542
3386. <i>G. netum</i> Germ. Syn.: <i>Gymnetron interpositum</i> Desbr., <i>G. parcius</i> Rey	—	In Iran	382
3387. <i>Hydronomus sinuaticollis</i> Fst.	Rice and also on clover and ber- muda grass	Fars, Esfahan, Khuzestan	69,138,222,240
3388. <i>Hypera brunneipennis</i>	Lucerne	Khuzestan	418
3389. <i>H.</i> (= <i>Phytonomus</i> ) <i>meles</i> (F.) Syn.: <i>Hypera trifolii</i> Herbst., <i>H. straminea</i> Steph.	-	East Azarbaijan	381,542

Scientific name	Host	Distribution	Reference no.
3390. <i>Hypera</i> (= <i>Phytonomus</i> ) <i>variabilis</i> (Gyll.) Syn.: <i>Hypera postica</i> Gyll., <i>H. sericeus</i> Desbr.	Lucerne and sometimes on sainfoin, bean, soybean and cotton	East Azarbaijan, Khorasan, Esfahan	25,26,47,120,127, 138,239,252,286, 321,348,381,515, 542,556,889
3391. <i>Larinus aeruginosus</i> Hoch.	—	Fars	138
3392. <i>L. arabicus</i>	—	Tehran	26
3393. <i>L. centaureae</i> Ol.	Safflower	Fars	108,138
3394. <i>L. cynarae</i> F. Syn.: <i>Larinus glabrirostris</i> Gyll.	—	In Iran	381
3395. <i>L. latus</i> Hbst.	—	East Azarbaijan, Tehran, Fars	26,108,120,138
3396. <i>L. liliputanus</i> Fst.	—	Fars	138
3397. <i>L. minutus</i> Gyll.	On weeds	East Azarbaijan	542
3398. <i>L. onopordi</i> F. Syn.: <i>Larinus onopordi</i> var. <i>numidicus</i> Cap., <i>L. onopordi</i> var. <i>maculatus</i> Fald.	" "	" "	138,381,542
3399. <i>L. onopordi</i> var. <i>maculatus</i> Fahr.	—	Fars	138
3400. <i>L. sp. nr. sibiricus</i> Gyll.	On weeds	East Azarbaijan	542
3401. <i>L. syriacus</i> Gyll.	—	Fars	138
3402. <i>L. turbinatus</i> Gyll.	Cirsium	East Azarbaijan	542
3403. <i>Leptomias</i> sp.	—	Fars	138
3404. <i>Liocleonus clatratus</i> Of.	Tamarisk	Tehran	6,117,129
3405. <i>Lixus algirus</i> L. Syn.: <i>Lixus angustatus</i> F., <i>L. pubereus</i> Ol.	—	In Iran	381
3406. <i>L. ascanii</i> L. Syn.: <i>Lixus ochraceus</i> Boh., <i>L. sicanus</i> Cap.	Sugar-beet	Zanjan	69,381,461
3407. <i>L. astrachanicus</i> Fst.	Tamarisk	Kerman, Tehran	6,117,129
3408. <i>L. cardui</i> Ol. Syn.: <i>Lixus pollinosus</i> Germ.	Beet, sugar-beet	Caspian Sea area, Tehran, Fars, Kermanshah	25,26, 127, 252, 381
3409. <i>L. circumcinctus</i> Boh.	Sugar-beet	Zanjan	461
3410. <i>L. cylindricus</i> L. Syn.: <i>Lixus cylindrus</i> F., <i>L. acupictus</i> Villa	—	In Iran	381
3411. <i>L. filum</i> Fst.	On potato	East Azarbaijan	542
3412. <i>L. flavescens</i> Boh. Syn.: <i>Lixus virens</i> Boh., <i>L. aberratus</i> Boh.	—	In Iran	108,381

Scientific name	Host	Distribution	Reference no.
3413. <i>Lixus incanescens</i> Boh.	Sugar-beet, red root, black-weed, ka-li, mountain spinach	West Azarbaijan , Khorasan, Tehran, Fars, Esfahan, Kerman and most other sugar-beet planting areas	69,70, 108, 127, 240,252,286,461, 463,644,754,889
3414. <i>L. iridis</i> Ol. Syn.: <i>Lixus turbatus</i> Gyll., <i>L. incarnatus</i> Gyll.	—	In Iran	381
3415. <i>L. linnei</i> Fst.	Tamarisk	Kerman, Markazi, Tehran	6,117,129
3416. <i>L. subtilis</i> Sturm. Syn.: <i>Lixus inquinatus</i> Boh.	Sugar-beet and also on barley	East Azarbaijan, Tehran	25,108,127, 252, 542
3417. <i>Mecinus</i> sp. nr. <i>pyraster</i> Hbst.	Weeds	East Azarbaijan	542
3418. <i>Megamecus</i> sp.	Tamarisk	Markazi	117
3419. <i>Miarus distinctus</i> Boh.	—	In Iran	382
3420. <i>Minyops carinatus</i> L. Syn.: <i>Minyops variolosus</i> F., <i>M. rugosus</i> Goeze	—	" "	381
3421. <i>Monocleonus anxius</i> Gyll.	Sugar-beet	Khorasan, Kerman Esfahan, Tehran, Kerman, West Azarbaijan	69,108, 127,252, 461
3422. <i>M. signaticollis</i> Gyll.	—	Fars	138
3423. <i>Mylocerus</i> (= <i>Mylocerinus</i> ) <i>cylindricollis</i> Fst.	Tamarisk	Kerman	6,117,129
3424. <i>Nanophyes</i> (= <i>Corimalia</i> ) <i>minutissimus</i> (Tom.)	"	Fars, Kerman, Balouchestan	6,117,129
3425. <i>N. tamarisci</i> Gyll. Syn.: <i>Nanophyes tamarisci</i> var. <i>detritus</i> Rey	"	Fars, Balouchestan	6,117,382
3426. <i>Notodermus saulcyi</i> Reich.	—	Fars	138
3427. <i>Ocladius salicorniae</i> L.	Sugar-beet , sea orache and other Chenopodiaceae family plants	Esfahan, Semnan	129,461
3428. <i>Orchestes alni</i> L. Syn.: <i>Orchestes testaceus</i> Mull., <i>O. albopilosus</i> Reich.	Alder	Northern provinces	6,129,382
3429. <i>O. fagi</i> L. Syn.: <i>Orchestes calcar</i> F., <i>O. fragariae</i> F.	Beech, ash, alder, maple	" "	6,129,382
3430. <i>O.</i> (= <i>Rhynchaenus</i> ) <i>populi</i> (F.)	Poplar, willow	Tehran and other northern provinces	6,129,252
3431. <i>O.</i> (= <i>Rhynchaenus</i> ) <i>quercus</i> (L.) Syn.: <i>Orchestes ulmi</i> Hbst., <i>O. rufus</i> Donovan.	Oak	Northern provinces	6,129,382
3432. <i>Pachycerus cordiger</i> Germ. Syn.: <i>Pachycerus segnis</i> Germ., <i>P. madidus</i> Auct.	Sugar-beet	Khorasan, Tehran	108,127,461

Scientific name	Host	Distribution	Reference no.
3433. <i>Pachycerus varius</i> Hbst. Syn.: <i>Pachycerus seriegranosus</i> Chevtr.	—	In Iran	380
3434. <i>Phacephorus nubeculosus</i> Germ.	Sugar-beet	Fars	461
3435. <i>Phyllobius pallidipennis</i> Hoch.	Oak	Gilan and other northern provinces	6,129,252
3436. <i>P. pyri</i> L. Syn.: <i>Phyllobius artemisiae</i> Desbr. , <i>P. irroratus</i> Seidi.	—	In Iran	380
3437. <i>P. ruscicus</i> Stierl	False walnut	Gilan and other northern provinces	6,129,252
3438. <i>Polydrosus bythinicus</i> Dan.	Oak	Lorestan	6,129
3439. <i>P. inustus</i> Germ.	Lucerne , sainfoin and sometimes on lentil and wheat	East Azarbaijan	542
3440. <i>P. obliquatus</i> Fst.	—	In Iran	481
3441. <i>P. piligerms</i> Stroem.	Oak	Lorestan	6,129
3442. <i>P. ponticus</i> Fst. Syn.: <i>Polydrosus delagrangei</i> Desbr. , <i>P. pseudocer- vinus</i> Desbr.	—	In Iran	108
3443. <i>Ptochus</i> sp.	Tamarisk	Tehran	6,117,129
3444. <i>Rhynchophorus ferrugineus</i> Ol.	Date-palm	Balouchestan	159,249
3445. <i>Schelopius planifrons</i> Fahrs.	Sugar-beet	Fars	461
3446. <i>Sharpia rubida</i> Rosen. Syn.: <i>Sharpia rubida</i> var. <i>biskrensis</i> Desbr.	Tamarisk	Tehran,Markazi	6,117,129,382
3447. <i>Sibinia allatica</i> Gyll. Syn.: <i>Sibinia allatica</i> var. <i>curtula</i> Desbr.	Sometimes of wheat , barley and sainfoin	East Azarbaijan	381,542
3448. <i>S. postsignata</i> n. sp.	—	Gorgan	866
3449. <i>S. syriaca</i> Fst.	Sometimes on wheat , barley and sainfoin	East Azarbaijan	542
3450. <i>Sitona bicolor</i> Fahr.	Lucerne	Fars	35
3451. <i>S. bicolor concaviostris</i> Hoch.	Lucerne , common pea and wild clover	"	63
3452. <i>S. callosus</i> Gyll. Syn.: <i>Sitona asellus</i> Fst., <i>S. caucasicus</i> Stierl.	Lucerne	Fars,Tehran	35,63, 127, 173, 138,240,380,889
3453. <i>S. concaviostris</i> Hoch.	Lucerne,sugar-beet	East Azarbaijan,Khorasan,Fars,Tehran, Kordestan,Kerman	127,137,461
3454. <i>S. crinitus</i> Hbst. Syn.: <i>Sitona dispersus</i> Muls., <i>S. lineellus</i> Steph.	Lucerne , sainfoin and semetimes on lentil,wheat and weeds	East Azarbaijan,Esfahan,Fars	35,108,137, 380, 542

Scientific name	Host	Distribution	Reference no.
3455. <i>Sitona crinitus</i> var. <i>albocrinatus</i> Reit.	—	Esfahan	137
3456. <i>S. cylindricollis</i> Fahr. Syn.: <i>Sitona bicolor</i> Stierl., <i>S. meliloti</i> Walt.	Sugar-beet, lucerne, clover and also on tamarisk	Semnan, Tehran, Fars	6,35,63,117, 127, 129,137,240,252, 286,380,461
3457. <i>S. discoideus</i> Gyll.	Lucerne	Fars	35,63
3458. <i>S. fairmairei</i> All.	—	"	63
3459. <i>S. fronto</i> Fst.	—	Esfahan	137
3460. <i>S. hispidulus</i> F. Syn.: <i>Sitona haemorrhoidalis</i> Gyll., <i>S. hirtus</i> Gmel.	—	Khorasan, Tehran	108,137,380
3461. <i>S. humeralis</i> Steph. Syn.: <i>Sitona biseriatus</i> All., <i>S. discoideus</i> Gyll.	Lucerne, sainfoin, common restharrow, sugar-beet	East Azarbaijan, Tehran, Markazi, Semnan, Fars, Esfahan	6,35,63,108,117, 127,129,137,138, 252,321,348,380, 542
3462. <i>S. intermedius</i> Kust.	Pasture plants	Khuzestan	62
3463. <i>S. lineatus</i> L. Syn.: <i>Sitona cupreo-squamosus</i> Goeze, <i>S. intersectus</i> Fourc.	Pea, lucerne, sainfoin, roses, broad bean and sometimes of barley	Kordestan, Lorestan, Khuzestan, Fars, East Azarbaijan and other northern provinces	6,26,35, 63, 108, 127,129,137,252, 380,542
3464. <i>S. lividipes</i> Fahr. Syn.: <i>Sitona lividipes</i> var. <i>hipponensis</i> Desbr.	Lucerne, egyptian clover	Kordestan, Tehran, Fars	35,63,137,380
3465. <i>S. longulus</i> Gyll. Syn.: <i>Sitona bucephalus</i> Alf.	Lucerne, tamarisk	East Azarbaijan, Semnan, Tehran	6,117, 129, 380, 542
3466. <i>S. macularius</i> Marsh.	Lucerne, common pea and wild clover	Fars	63
3467. <i>S. ocellatus</i> Kust. Syn.: <i>Sitona bituberculatus</i> Motsch.	Lucerne	Fars, Boushehr, Hormozgan	35,63,137
3468. <i>S. puberulus</i> Reit.	—	Kerman	137
3469. <i>S. puncticollis</i> Steph. Syn.: <i>Sitona insulius</i> Gyll., <i>S. punctiger</i> Thoms.	Lucerne, sugar-beet	East Azarbaijan, Khorasan, Gilan, Ma- zandaran, Esfahan, Tehran, Kermanshah, Fars	35,63, 127, 137, 240,321,380,461
3470. <i>S. sulcifrons</i> (Thunb.)	Lucerne and wild clover	Fars	35,63
3471. <i>S. suturalis</i> Steph.	Bean	"	63
3472. <i>S. tenuis</i> Resen.	Lucerne and wild clover	"	35,63
3473. <i>Sitophilus</i> (= <i>Calandra</i> ) <i>granarius</i> (L.) Syn.: <i>Sitophilus segetis</i> L., <i>S. pulicaria</i> Pz.	Wheat, barley, corn, rye, rice, flour, starch, groat (in granary)	Generally distributed	26,50,70,184,240, 252,381,775,786, 802
3474. <i>S.</i> (= <i>Calandra</i> ) <i>oryzae</i> (L.) Syn.: <i>Sitophilus quadrimaculata</i> Walk., <i>S. oryzae</i> var. <i>funebria</i> Rey	Rice, wheat, corn, barley (in granary)	" "	26,50,70,184,240, 252,329,381,775, 786,889

Scientific name	Host	Distribution	Reference no.
3475. <i>Sitophilus zeamais</i> (Motsch.)	Corn (in granary)	Tehran, Balouchestan	786
3476. <i>Smicronyx robustus</i> Faust.	Dodder	Tehran, Markazi	805
3477. <i>Sphenophorus picea</i> Pall.	Sugar-beet	Fars	461
3478. <i>Stenocarus cardui</i> Hbst. Syn.: <i>Stenocarus guttula</i> F.	Poppy	Esfahan	127,341,343,381
3479. <i>S.</i> (= <i>Coeliodes</i> ) <i>fuliginosus</i> (Marsh.) Syn.: <i>Stenocarus guttula</i> Gyll., <i>S. ruficornis</i> Steph.	Poppy, long headed poppy	Azarbaijan, Markazi, Chahar Mahal, Esfahan, Lorestan, Hamadan, Kermanshah, Kordestan	50,108,127, 240, 341,343,381
3480. <i>Stephanophorus mimosae</i> Ol.	Tamarisk	Generally distributed	6,117,129,138
3481. <i>S. vagus</i> Bed.	Sugar-beet	Kerman, Esfahan, Khorasan, Tehran	127,461
3482. <i>Stereocorynes persicus</i> Folw.	Beech	Northern provinces	6,129
3483. <i>Tanymechus cylindricollis</i>	—	East Azarbaijan	542
3484. <i>Tychius bicolor</i> Bris Syn.: <i>Tychius sericellus</i> Fst., <i>T. medius</i> Dbr.	Sainfoin	" "	382,542
3485. <i>T. flavicollis</i> Steph. Syn.: <i>Tychius squamulatus</i> Gyll., <i>T. kirbyi</i> Water.	"	" "	381,542
3486. <i>T. quinquepunctatus</i> L. Syn.: <i>Tychius fasciatus</i> Fourc.	"	" "	108,542
3487. <i>T. sp. nr. haematopus</i> Gyll.	"	" "	542
3488. <i>T. tomentosus</i> Hbst. Syn.: <i>Tychius brevicollis</i> Rey, <i>T. clavipes</i> Rey	"	" "	381,542
3489. <i>Tyrodemus patruelis</i> n. sp.	—	Balouchestan	866
3490. <i>Ulobaris loricata</i> Boh.	Sugar-beet and weeds of Chenopodiaceae, Amaranthaceae and Salsolaceae families such as black weed and amaranthus	Tehran, Zanjan	69,127,461,755
3491. <i>Zacladus asperatus</i> Gyll.	—	East Azarbaijan	542

## FAMILY DASYTIDAE

Scientific name	Host	Distribution	Reference no.
3492. <i>Dasytes carbonarius</i> Schil.	Predator of <i>Sphenoptera davatchii</i>	Tehran	662,665

## FAMILY DERMESTIDAE

Scientific name	Host	Distribution	Reference no.
3493. <i>Anthrenus fasciatus</i> Hbst.	Silk, feather, wool, leather, horn	Markazi, Kerman	786
3494. <i>A. flavipes</i> Le Conte	Goat wool	East Azarbaijan	50,468

Scientific name	Host	Distribution	Reference no.
3495. <i>Anthrenus museorum</i> L. Syn.: <i>Anthrenus verbasci</i> F., <i>A. obscurus</i> Scho.	Herbarium, entomological and zoological collections, wool, skin, silk, cocoon of silkworm, feather, cereal products (in granary) and also on Scrophulariaceae, Umbelliferae and Compositae family plants (outside store)	Generally distributed	252, 775, 786
3496. <i>A. pimpinellae</i> F.	Herbarium, entomological and zoological collections, wool, skin, silk and other products	" "	252, 786
3497. <i>A. scrophulariae</i> L.	" " " "	" "	252, 786
3498. <i>A. verbasci</i> (L.)	Carpet and storage products	Tehran	786
3499. <i>A. vorax</i> var. <i>siminivius</i> Casey.	Wooly materials and storage products	"	786
3500. <i>Attagenus gloriosae</i> (F.)	Flour, peanuts, grains, tobacco (in granary)	"	786
3501. <i>A. lobatus</i> Rosen.	Storage products	Khuzestan	786
3502. <i>A. megatoma</i> (F.)	Carpet and grains (in granary)	In Iran	786
3503. <i>A. pellio</i> L.	Zoological collections, wool, cotton, silk, seeds, cereals and related products	Tehran	252
3504. <i>A. piceus</i> (Ol.)	" " " "	Khorasan, Tehran and other areas	70, 252, 775, 786
3505. <i>Dermestes frischii</i> Kugel.	Dried milk, wool, feather, grains, meat, corn, silk, pupa of silkworm, animal carcass, chocolate, cacao, bone, dried fish, sponge, biskuit, dried whey, cheese (in granary and ship)	Generally distributed	70, 252, 775, 786
3506. <i>D. maculatus</i> Deg. Syn.: <i>Dermestes vulpinus</i> F., <i>D. marginatus</i> Thunb.	Dried milk, wool, feather, grains, meat, corn, silk, dried whey and other products (in granary)	" "	50, 70, 149, 240, 252, 775, 785, 786
3507. <i>D. mustellinus</i> Erichs.	Storage products	East Azarbaijan	786
3508. <i>Entomotrogus megatomoides</i> Rtt.	Entomological collections, legumes, flour, lettuce seed, common pea, bean, broad bean, oilseeds (in granary)	Khorasan, Mazandaran, Fars, Tehran, East Azarbaijan	70, 105, 775, 786
3509. <i>Phradonoma nobile</i> Rtt.	Storage products	In Iran	786
3510. <i>Trogoderma granarium</i> (Ev.) Syn.: <i>Trogoderma khapra</i> Arr.	Entomological collections, cereals and their products, dried blood, oilseeds, animal materials, legumes and their products (in granary)	Generally distributed	50, 70, 240, 252, 629, 775, 786, 840, 889
3511. <i>T. inclusum</i> Lec. Syn.: <i>Trogoderma versicolor</i> Creut.	Sunflower seeds, legumes, cocoon of silk worm, dried blood, grains, animal stored materials, insect collections, seed of sesame, dried fish (in granary)	East Azarbaijan, Khuzestan, Semnan, Kerman, Kermanshah, Tehran	786
3512. <i>T. versicolor</i> Creut. Syn.: <i>Trogoderma grande</i> Thunb., <i>T. elongatum</i> Dufts.	Entomological collections, legumes and grains, dried fish, seed of watermelon, almond (in granary), dead insects (outside store)	Generally distributed	70, 240, 252, 775



## FAMILY DYNASTIDAE

Scientific name	Host	Distribution	Reference no.
3513. <i>Oryctes agamemnon</i> Burn.	—	In Iran	230
3514. <i>O. agamemnon matthiesseni</i> Rtt.	—	Fars	879
3515. <i>O. ata</i> S. - M.	—	Khorasan	230
3516. <i>O. boas</i> F.	—	In Iran	230
3517. <i>O. elegans</i> Prell.	Date-palm, fan-palm	Balouchestan, Kerman, Fars, Esfahan, Hormozgan, Tehran, Kermanshah, Ilam, Khuzestan, Yazd, Persian Golf ports	6,24,26, 69, 110, 128, 129, 230, 252, 305, 307, 879
3518. <i>O. funesta</i> Poda	—	Generally distributed	6
3519. <i>O. hindenburgi</i> Minck.	—	Fars	230, 879
3520. <i>O. illigeri</i>	—	"	879
3521. <i>O. nasicornis</i> (L.) Syn.: <i>Oryctes grypus</i> Ill.	Sometimes on grapevine, apricot and roses	Generally distributed	6, 110, 120, 129, 230, 252, 722
3522. <i>O. nasicornis afganistanicus</i> End.	—	In Iran	230
3523. <i>O. nasicornis grypus</i>	Wooden timbers	Northern provinces	21
3524. <i>O. nasicornis iranscaspicus</i> End.	—	In Iran	230
3525. <i>O. nasicornis latipennis</i> Motsh.	Sometimes on grapevine and roses	Azərbaycan, Khorasan, Semnan, Markazi, Caspian Sea area	6, 230, 252
3526. <i>O. nasicornis schiraticus</i> Petr.	—	Fars	230, 879
3527. <i>O. rhinoceros</i> L.	Date-palm, fan-palm	All date-palm planting areas	6, 110, 128, 129, 230
3528. <i>O. richteri</i> Petr.	—	Balouchestan	230
3529. <i>O. sinicus</i> Walk. Syn.: <i>Oryctes desertorum</i> Arr.	Date-palm, fan-palm	All date-palm planting areas	6, 128, 129, 305
3530. <i>O. zarudnyi</i>	—	Tehran	26
3531. <i>Pentodon algerinus</i>	—	"	26
3532. <i>P. bispiniformis</i> Rtt.	—	Fars	879
3533. <i>P. idiota</i> (Hbst.) Syn.: <i>Pentodon monodon</i> F.	Sugar-beet, sugar-cane, cotton, kanaf, water-melon, cucumber, soybean, tomato, potato, sunflower, sorghum, corn, wheat and other cereals, grapevine, apple, pear, white mulberry, sloe tree, apricot, plum, oak, pistachio	Azərbaycan, Khorasan, Caspian Sea area, Khuzestan, Kerman, Tehran, Zanjan	6, 25, 26, 69, 110, 127, 128, 129, 240, 252, 409, 461, 754, 851
3534. <i>P. persicus</i> Jak.	—	Fars	879
3535. <i>P. sulcifrons</i> Kust.	—	East Azərbaycan	120, 253
3536. <i>Phyllognatus excavatus</i> (Forst.) Syn.: <i>Phyllognatus silenus</i> F.	Sometimes on grapevine	Tehran	110, 129, 252, 694, 879

Scientific name	Host	Distribution	Reference no.
3537. <i>Phyllognatus hauseri</i> Reitt.	—	Northern provinces	110
3538. <i>P. silenus</i> F.	—	Tehran	26

## FAMILY DYTISCIDAE

Scientific name	Host	Distribution	Reference no.
3539. <i>Cybister lateralimarginalis</i> Deg.	—	In Iran	877
3540. <i>Hygrotus versicolor</i> Schall.	—	" "	877

## FAMILY ELATERIDAE

Scientific name	Host	Distribution	Reference no.
3541. <i>Agriotes acuminatus</i>	Wheat, potato	Ardabil (Moghan) and eastern provinces	240
3542. <i>A. elongatus</i> Marsh.	Carrot, lettuce, potato, tomato, leek, sugar-beet, tobacco, radish, turnip, sunflower, cabbage, corn, wheat, barley and other truck crops	Caspian Sea area, Hamadan	26, 69, 127, 252
3543. <i>A. lineatus</i> L. Syn.: <i>Agriotes segetis</i> Bjk., <i>A. striatus</i> F.	Carrot, lettuce, potato, tomato, leek, sugar-beet, tobacco, radish, turnip, sunflower, cabbage, cotton, corn, wheat, barley and other truck crops and nursery plants	Caspian Sea area, Hamadan, Azarbaijan, Tehran, Esfahan	26, 69, 110, 127, 252
3544. <i>A. meticulosus</i> Cand.	Different field crops	Azarbaijan and other northern provinces	127, 252
3545. <i>A. obscurus</i> L. Syn.: <i>Agriotes hirtellus</i> Hbst., <i>A. obtusus</i> Deg.	Tobacco	In Iran	69, 110, 252
3546. <i>Ampedus</i> (= <i>Elater</i> ) <i>sanguinolentus</i> Schr.	Apple, pear	Fars, Esfahan and other northern provinces	26, 252, 665
3547. <i>Corymbites purpureus</i> Poda	—	In Iran	877
3548. <i>Drasterius bimaculatus</i> (Rossi)	Sugar-beet, sesame and some other crops	Fars, Tehran, Azarbaijan	252, 461
3549. <i>Heteroderes crucifer</i> Rossi	Cabbage, carrot, potato, tomato, corn and some other crops	Northern provinces	25, 26, 252
3550. <i>Limonius minutus</i> L.	Apple, pear	" "	24, 26, 252
3551. <i>Melanotus brunripes</i> Germ.	Corn, wheat, sunflower, sugar-beet, carrot, potato and nursery plants	In Iran	25, 252

## FAMILY HALTICIDAE

Scientific name	Host	Distribution	Reference no.
3552. <i>Chaetocnema breviscula</i> Fald.	Beet, sugar-beet, tobacco	Generally distributed	25, 26, 69, 240, 252, 461, 754

Scientific name	Host	Distribution	Reference no.
3553. <i>Chaetocnema concinna</i> Marsh. Syn.: <i>Chaetocnema dentipes</i> Koch	Buckwheat, sorrel, rhubarb and sometimes on Cruciferae family plants	Azərbaycan, Khorasan	25,108,252
3554. <i>C. tibialis</i> Ill.	Sugar-beet, amaranthus, purslane, black-weed, sorrel, garden cress	Tehran, Kermanshah and most other sugar-beet planting areas	25,127,252, 289, 294,461,463,889
3555. <i>Haltica deserticola</i> Wse.	Sometimes on cotton	Northern provinces	25,69,240
3556. <i>H. deserticola glycyrrhizae</i> Oglob.	Cotton	" "	252,754
3557. <i>H. tamaricius</i> Schr.	Tamarisk, willow	Kerman and northern provinces	6,108, 117, 129, 252
3558. <i>Podagrica fuscicornis</i> L. Syn.: <i>Podagrica malvae</i> Geoff., <i>P. rufipes</i> F.	Cotton, kanaf	Gilan, Mazandaran, Gorgan	108,127,252,567
3559. <i>P. menetriesi</i> Fald.	Flax, hollyhock	Mazandaran	25,252,754

#### FAMILY HARPALIDAE

Scientific name	Host	Distribution	Reference no.
3560. <i>Carterus</i> (= <i>Odontocarus</i> ) <i>ocygonus radjabi</i> n. ssp.	—	East Azarbaijan	574
3561. <i>Diachromus germanus</i> L.	—	In Iran	407
3562. <i>Harpalus aeneus</i> Deg.	Wheat	Northern provinces	26,252,877
3563. <i>H. distinguendus</i> Duft.	—	East Azarbaijan	120
3564. <i>H. rubripes</i> Duft. Syn.: <i>Harpalus amoenus</i> Heer	—	" "	120,407

#### FAMILY HISTERIDAE

Scientific name	Host	Distribution	Reference no.
3565. <i>Teretrius picipes</i> F.	Wood of broad leaf trees	In Iran	350

#### FAMILY HYDROPHILIDAE

Scientific name	Host	Distribution	Reference no.
3566. <i>Helophorus</i> (= <i>Trichelophorus</i> ) <i>micans</i> (Fald.) Syn.: <i>Helophorus acutipalpus</i> Muls. - Wach., <i>H. opalisans</i> Motsch.	Wheat and other cereals	Northern and north-western provinces	110
3567. <i>Hydrous piceus</i> L.	—	Mazandaran	26

#### FAMILY LATHRIDIIDAE

Scientific name	Host	Distribution	Reference no.
3568. <i>Corticaria serrata</i> Payk.	Storage products	In Iran	786

## FAMILY LEBIIDAE

Scientific name	Host	Distribution	Reference no.
3569. <i>Cymindis chodjii</i> n. sp.	—	Tehran	576
3570. <i>C. davatchii</i> n. sp.	—	Tehran, Mazandaran	576
3571. <i>C. hierochonticus intermedius</i> n. ssp.	—	Fars	574
3572. <i>C. scapularis substrictus</i> n. ssp.	—	Mazandaran	576
3573. <i>Lamprias cyanocephalus</i> L. Syn.: <i>Lamprias cyanocephalus</i> var. <i>annulatus</i> Brulle	—	East Azarbaijan	120,407
3574. <i>Lebia chlorocephala</i> Hfn.	—	" "	120
3575. <i>L. cyanocephala</i> L.	Predator of <i>Sphenoptera davatchii</i>	Tehran	662,665

## FAMILY LUCANIDAE

Scientific name	Host	Distribution	Reference no.
3576. <i>Lucanus orientalis</i>	—	Gilan	26

## FAMILY LYCTIDAE

Scientific name	Host	Distribution	Reference no.
3577. <i>Lyctus brunneus</i> Steph.	Dried wood of alder, horn beam, beech, poplar, elm, maple and other broad leaf trees and also furniture and construction timbers	Tehran and other northern and central provinces	6,129, 350, 614, 786
3578. <i>L. covicollis</i>	—	In Iran	614
3579. <i>L. linearis</i> Goeze	Dried wood of oak, alder, beech, horn beam, poplar, elm and other broad leaf trees and also furniture	Caspian Sea area and other northern and central provinces	6,26,129,252,614

## FAMILY MALACHIIDAE

Scientific name	Host	Distribution	Reference no.
3580. <i>Malachius aeneus</i>	—	Tehran	26
3581. <i>M. ambiguus</i>	Wheat, barley, lucerne	Northern provinces	252
3582. <i>M. bipustulatus</i>	—	Tehran	26
3583. <i>M. dissimilis</i> Bdj.	Predator of <i>Sphenoptera davatchii</i>	"	662,665
3584. <i>M. securiolatus</i> Bdj.	—	East Azarbaijan	120
3585. <i>M. versicolor</i> Fald.	Predator of <i>Sphenoptera davatchii</i>	Tehran	662,665

## FAMILY MELOIDAE (= Lyttidae)

Scientific name	Host	Distribution	Reference no.
3586. <i>Alosimus armeniacus</i> Fald.	—	Fars, Kermanshah, Tehran	527

Scientific name	Host	Distribution	Reference no.
3587. <i>Alosimus luteus</i> Walt.	—	Kermanshah	527
3588. <i>A. smyrnensis</i> Mars.	—	Kermanshah, Hormozgan, Fars, Lorestan, Balouchestan	527
3589. <i>A. syriacus</i> L.	—	Balouchestan	527
3590. <i>Anisarthrocera batesi</i> Mars.	—	Fars, Boushehr	527
3591. <i>A. batesi villiersi</i> Kasz.	—	Hormozgan	527
3592. <i>Calydus alloushei</i> Kasz.	—	"	527
3593. <i>C. alloushei</i> form <i>bimaculipennis</i> Kasz.	—	"	527
3594. <i>C. alloushei</i> form <i>cinctus</i> Kasz.	—	Balouchestan, Khuzestan, Fars	527
3595. <i>C. alloushei</i> form <i>conjunctus</i> Kasz.	—	Balouchestan, Kerman	527
3596. <i>C. alloushei</i> form <i>cordiformis</i> Kasz.	—	Balouchestan	527
3597. <i>C. alloushei</i> form <i>esfandiarii</i> Kasz.	—	"	527
3598. <i>C. alloushei</i> form <i>famourei</i> Kasz.	—	Balouchestan, Kerman	527
3599. <i>C. alloushei</i> form <i>farahbakhchi</i> Kasz.	—	Balouchestan	527
3600. <i>C. alloushei</i> form <i>gharibi</i> Kasz.	—	"	527
3601. <i>C. alloushei</i> form <i>trifascis</i> Kasz.	—	Balouchestan, Kerman	527
3602. <i>C. mirzayani</i> Kasz.	—	Balouchestan, Kermanshah, Tehran, Esfahan	527
3603. <i>C. mirzayani</i> form <i>eghlidi</i> Kasz.	—	Kermanshah	527
3604. <i>C. mirzayani</i> form <i>medialis</i> Kasz.	—	"	527
3605. <i>C. mirzayani</i> form <i>mehrana</i> Kasz.	—	"	527
3606. <i>C. mirzayani</i> form <i>posticalis</i> Kasz.	—	Balouchestan	527
3607. <i>Cerocoma dahli</i> Kr.	—	Khorasan, Kermanshah, Zanjan, Gorgan	527
3608. <i>C. festiva</i> Fald.	—	East Azarbaijan, Boushehr, Khuzestan	527
3609. <i>C. kuntzei</i> var. <i>bodemayeri</i> Reitt.	—	Kerman, Zanjan	527
3610. <i>C. latreilleri</i> form <i>schach</i> Kasz.	—	Balouchestan, Hormozgan, Fars	527

Scientific name	Host	Distribution	Reference no.
3611. <i>Cerocoma prochaskana</i> Reitt.	—	Hormozgan, Fars	527
3612. <i>C. schaefferi</i>	—	Tehran	526
3613. <i>C. schreberi</i>	—	Fars	26
3614. <i>C. scovitzii</i> Fald.	—	East Azarbaijan, Zanjan	127, 527
3615. <i>C. scovitzii</i> form <i>abscuriventris</i> Mar.	—	East Azarbaijan, Khorasan, Gorgan	527
3616. <i>C. Scovitzii</i> form <i>maculicollis</i> Mar.	—	Balouchestan	527
3617. <i>C. scovitzii</i> form <i>mirabilis</i> Kasz.	—	Khorasan, Hormozgan, Fars, Khuzestan	527
3618. <i>C. syriaca</i>	—	Mazandaran, Gorgan	527
3619. <i>Cylindrorhax angusticollis</i> Haag.	—	Balouchestan, Hormozgan, Kerman	527
3620. <i>C. junczyki</i> Kasz.	—	Fars, Khuzestan	527
3621. <i>Eolydus atripes</i> Pic.	—	Ilam, Kermanshah, Fars	527
3622. <i>E. conspicuus</i> Wal.	—	Hormozgan, Balouchestan, Kerman, Fars	527
3623. <i>Epicauta erythrocephala</i> Pall.	Sugar-beet, lucerne, potato, melon, water-melon, cucumber	Khorasan, Tehran	22, 25, 26, 69, 110, 252, 461, 527, 754
3624. <i>E. erythrocephala</i> var. <i>latelineolata</i> Muls.	" " " " "	" "	69, 110, 252, 461, 527
3625. <i>E. suavis</i> Haag.	" " " " "	In Iran	252
3626. <i>E. textilis</i> H. - R.	—	Balouchestan, Hormozgan, Fars, Khorasan, Kermanshah, Tehran, Kerman	527
3627. <i>Euzonitis maculiceps</i> Reitt.	—	Tehran, Kermanshah	527
3628. <i>E. paulinoi</i> Mars.	—	Fars	527
3629. <i>E. quadrimaculata</i> Pall.	—	Kermanshah	527
3630. <i>E. sexmaculata</i> Ol.	—	East Azarbaijan, Balouchestan	120, 527
3631. <i>E. sexmaculata</i> form <i>lunata</i> Tausch.	—	Tehran	527
3632. <i>Groscherichia goryi</i> Mars.	—	Balouchestan, Kerman, Fars, Esfahan, Hormozgan	527
3633. <i>G. litigiosa</i> Chev.	—	Balouchestan, Hormozgan, Fars	527
3634. <i>G. richteri</i> Kasz.	—	Balouchestan, Fars	527
3635. <i>G. salavatiani</i> Kasz.	—	Balouchestan	527
3636. <i>G. salavatiani</i> form <i>fulguritoides</i> Kasz.	—	"	527
3637. <i>G. vigintipunctata salavatiani</i> Kasz.	—	Balouchestan, Hormozgan	527

Scientific name	Host	Distribution	Reference no.
3638. <i>Halosimus</i> (= <i>Lydus</i> ) <i>collaris</i>	Potato	Tehran and other northern provinces	25,26,252
3639. <i>Lydus praeustus</i> Redtb.	Sugar-beet	Tehran, Khorasan	461
3640. <i>L. praeustus</i> form <i>hauseri</i> Mad.	—	Balouchestan, Fars, Kermanshah, Lorestan, Khuzestan, Khorasan, Hormozgan, Markazi, Esfahan	527
3641. <i>L. praeustus stigmatifrons</i> Mars.	—	Kermanshah	527
3642. <i>L. tarsalis</i> form <i>ceraster</i> Ab.	—	"	527
3643. <i>L. tenuicollis</i> Reitt.	—	Balouchestan, Kerman	527
3644. <i>L. tenuitarsis</i> Ab.	—	East Azarbaijan, Markazi, Kermanshah, Kordestan	26,527
3645. <i>L. tenuitarsis davatchii</i> Kasz.	—	Kermanshah, Kordestan, Esfahan	527
3646. <i>L. turcicus rufus</i> Kasz.	—	Gilan	527
3647. <i>L. unicolor</i> form <i>halbhuberi</i> Esch.	—	Fars, Esfahan	527
3648. <i>Lytta aptabilis</i>	—	Khorasan	26
3649. <i>L. coccinea</i> Men.	—	Khorasan	527
3650. <i>L. menetriesi</i> Fald.	Elm, ash, poplar	Markazi, East Azarbaijan, Tehran and other northern provinces	6,26,129,252,527
3651. <i>L. suturifera</i> Pic.	—	Fars, Khuzestan	527
3652. <i>Meloe cavensis</i> Pet.	—	Kermanshah, Khuzestan	527
3653. <i>M. cicatricosus</i> Leach	—	East Azarbaijan, Tehran	527
3654. <i>M. erythrocnemus</i> Pall.	—	Kermanshah, Fars	527
3655. <i>M. olivieri</i> Chevr.	—	In Iran	527
3656. <i>M. proscarabaeus</i> L.	Predator of honeybee and also on sugar-beet, potato, clover, milk vetch, taraxacum and buttercup	Kermanshah, Fars, Gorgan, Hamadan, Chahar Mahal, Tehran, Zanjan, East Azarbaijan and other northern provinces	26,252,527, 845, 846
3657. <i>M. variegatus</i> (Don.)	Predator of honeybee and also on milk vetch, taraxacum and buttercup	Zanjan, Gilan, Hamadan, West Azarbaijan, Chahar Mahal	845
3658. <i>Micromerus franicus</i> Mars.	—	East Azarbaijan	120
3659. <i>M. iranicus</i> Mars.	—	East Azarbaijan, Khorasan, Balouchestan, Esfahan, Ilam	527
3660. <i>Mylabris apicenigera</i> Soum.	—	Fars, Esfahan, Tehran	527
3661. <i>M. audouini</i> Mars.	—	Khorasan	527
3662. <i>M. beckeri</i> Esch.	—	Tehran	527
3663. <i>M. biguttata</i> Gebl.	—	East Azarbaijan, Kerman	527
3664. <i>M. bimaculata</i> Klug	Sugar-beet	Khorasan	252,754

Scientific name	Host	Distribution	Reference no.
3665. <i>Mylabris bipunctata</i> Ol.	—	Khuzestan	527
3666. <i>M. calida</i> Pall.	Potato, mustard, tobacco, pea, lucerne, wheat, barley and also predator of <i>Doclostaurus maroccanus</i> , <i>Locusta migratoria</i> and other grasshoppers	East Azarbaijan, Khorasan, Tehran	69,252,754
3667. <i>M. calida</i> form <i>maculata</i> Ol.	Sugar-beet	East Azarbaijan, Khorasan, Tehran, Esfahan, Fars, Hormozgan, Mazandaran, Kerman, Kermanshah	461,527
3668. <i>M. calida</i> form <i>pseudomaculata</i> Ol.	Tobacco, sugar-beet	East Azarbaijan, Khorasan, Kermanshah, Tehran, Esfahan, Gilan, Mazandaran, Gorgan, Fars, Kerman, Hormozgan, Lorestan	120,527
3669. <i>M. cincta</i> Ol.	Sugar-beet	East Azarbaijan, Kermanshah, Hormozgan, Mazandaran, Fars, Esfahan, Lorestan, Tehran, Khuzestan, Kerman, Khorasan	69,120,461,527
3670. <i>M. cincta</i> form <i>lateripuncta</i> Kasz.	" "	Khorasan, Tehran	461
3671. <i>M. cincta</i> form <i>pseudocincta</i> Kasz.	" "	Fars, Balouchestan, Hormozgan, Khorasan, Tehran	461,527
3672. <i>M. cincta schrenki</i> Gebi.	Cotton and other plants	In Iran	252
3673. <i>M. cinctoides</i> Kasz.	—	Khorasan, Balouchestan, Hormozgan	527
3674. <i>M. colligata</i> Kasz.	—	Balouchestan, Kerman, Fars, Kordestan, Hormozgan, Zanjan	527
3675. <i>M. concolor</i> Mars.	—	Tehran	527
3676. <i>M. crocata</i>	—	Northern provinces	26
3677. <i>M. crocata</i> form <i>brunnea</i> Esch.	—	Tehran	527
3678. <i>M. crocata 10-punctata</i> F.	Cotton and other plants and also predator of <i>Doclostaurus maroccanus</i> , <i>Calliptamus</i> spp. and other grasshoppers	In Iran	252
3679. <i>M. decempunctata</i> F.	Predator of <i>Doclostaurus maroccanus</i> , <i>Calliptamus</i> spp. and other grasshoppers	Northern provinces	26,252
3680. <i>M. dejeani</i> Gyll.	—	Tehran	527
3681. <i>M. dokhtouroffi</i> form <i>coele-scens</i> Voig.	—	Ilam, Kermanshah	527
3682. <i>M. doriai</i> Mars.	—	Tehran, Kermanshah	527
3683. <i>M. doriai</i> form <i>alpha</i> Soum.	—	Kermanshah	527
3684. <i>M. doriai</i> form <i>bodoi</i> Pic.	—	"	527
3685. <i>M. doriai</i> form <i>boettcheri</i> Pic.	—	"	527
3686. <i>M. excisofasciata</i> form <i>anticebimaculata</i> Kasz.	—	Balouchestan	527



Scientific name	Host	Distribution	Reference no.
3687. <i>Mylabris fabricii</i> Soum.	—	Esfahan, Tehran	527
3688. <i>M. fimbriata</i> Mars.	—	East Azarbaijan, Balouchestan	527
3689. <i>M. frovoli</i> Germ.	—	Khorasan, Mazandaran, Gorgan	110, 527
3690. <i>M. fusca</i> Ol.	Predator of <i>Doclostaurus maroccanus</i> , <i>Calliptamus</i> spp. and other grasshoppers	East Azarbaijan, Kermanshah, Khorasan, Gorgan, Fars, Esfahan, Ilam, Kordestan, Tehran, Hormozgan, Balouchestan, Khuzestan, Boushehr	252, 527
3691. <i>M. geminata</i> F.	—	Azarbaijan	527
3692. <i>M. groschkei</i> Kasz.	—	Balouchestan, Hormozgan, Kerman, Fars, Esfahan, Tehran, Khuzestan, Kermanshah	527
3693. <i>M. guerini</i> Chevr.	—	Balouchestan, Kerman, Ilam, Kordestan, Tehran, Khorasan, Mazandaran, Kermanshah	527
3694. <i>M. hemprichi</i> Klug	Predator of <i>Doclostaurus maroccanus</i> , <i>Calliptamus</i> ssp. and other grasshoppers	Kermanshah	252, 527
3695. <i>M. humerosa</i> Esch.	—	East Azarbaijan, Gorgan, Fars, Kermanshah	527
3696. <i>M. interrupta</i> Ol.	—	Fars	527
3697. <i>M. javeti</i> Mars.	—	Khuzestan, Balouchestan, Kerman, Hormozgan, Tehran, Fars, Kermanshah	26, 527
3698. <i>M. javeti</i> form <i>haratensis</i> Kasz.	—	Balouchestan, Tehran	527
3699. <i>M. laticollis</i> Esch.	Sugar-beet and also predator of <i>Doclostaurus</i> spp., <i>Calliptamus</i> spp. and other grasshoppers	Khorasan, Kordestan, Tehran, Kermanshah	69, 252, 527, 754
3700. <i>M. laticollis</i> form <i>davatchii</i> Kasz.	—	Kermanshah, Kordestan	527
3701. <i>M. laticollis</i> form <i>gharibi</i> Kasz.	—	Kordestan	527
3702. <i>M. laticollis</i> form <i>mirzayani</i> Kasz.	—	Kordestan, Kermanshah	527
3703. <i>M. magnoguttata</i> Heyd.	—	Tehran, Gorgan	527
3704. <i>M. magnoguttata iranica</i> Kasz.	—	Balouchestan, Fars, Esfahan, Tehran	527
3705. <i>M. marginata</i> F.	—	West Azarbaijan	527
3706. <i>M. metatarsalis</i> Mars.	—	East Azarbaijan	527
3707. <i>M. olivieri</i> Bill.	—	East Azarbaijan, Mazandaran, Kerman	527
3708. <i>M. paumpicta</i> Heyd.	Predator of <i>Doclostaurus</i> spp., <i>Calliptamus</i> spp. and other grasshoppers	Kermanshah	252

Scientific name	Host	Distribution	Reference no.
3709. <i>Mylabris pierrei</i> Kasz.	—	Hormozgan, Kerman, Fars, Khuzestan, Kermanshah	527
3710. <i>M. polymorpha</i> Pall.	Cotton, tobacco, potato, wheat, mustard and also predator of <i>Docio-staurus</i> spp., <i>Calliptamus</i> spp. and other grasshoppers	Kermanshah and northern provinces	25, 26, 252, 527
3711. <i>M. posticalis</i> Dokht.	—	East Azarbaijan, Tehran, Fars, Khuzestan, Kerman, Hormozgan, Kermanshah	527
3712. <i>M. posticalis</i> form <i>shushana</i> Kasz.	—	Kermanshah, Khuzestan, Hormozgan	527
3713. <i>M. pseudounicolor</i> Bog.	—	Tehran	527
3714. <i>M. quadripunctata</i> L.	Wheat, barley, soybean, cucumber, melon, water-melon, mustard and also predator of <i>Docio-staurus</i> spp., <i>Calliptamus</i> spp. and other grasshoppers	East Azarbaijan, Tehran, Mazandaran, Esfahan, Balouchestan, Kermanshah	25, 26, 252, 527
3715. <i>M. quadripunctata</i> form <i>armeniaca</i> Fald.	—	East Azarbaijan, Tehran, Esfahan, Lorestan	527
3716. <i>M. quadripunctata</i> form <i>delta</i> Sumak.	—	East Azarbaijan	120
3717. <i>M. quatuordecimpunctata</i> Pall.	Wheat, barley, tobacco, cucumber, melon, water-melon and also predator of <i>Docio-staurus</i> spp., <i>Calliptamus</i> spp. and other grasshoppers	Northern provinces	252
3718. <i>M. scabiosae</i> Ol.	Bean, pea, lucerne, soybean, mustard, flax	East Azarbaijan, Kermanshah, Khuzestan, Fars, Gorgan, Tehran and other northern provinces	25, 26, 120, 252, 527
3719. <i>M. scabiosae djiroftana</i> Kasz.	—	Fars	527
3720. <i>M. scabiosae euphratica</i> Mars.	—	East Azarbaijan, Kermanshah, Khuzestan, Tehran, Gorgan, Lorestan, Kordestan, Fars, Khuzestan, Balouchestan, Kerman	120, 527
3721. <i>M. schah</i> Reich.	—	Kerman, Balouchestan, Hormozgan, Khuzestan, Tehran, Khorasan	527
3722. <i>M. schah</i> form <i>anticebinotula</i> Kasz.	—	Kerman	527
3723. <i>M. schah</i> form <i>anticetrinotula</i> Kasz.	—	"	527
3724. <i>M. schah</i> form <i>famurii</i> Kasz.	—	"	527
3725. <i>M. schah</i> form <i>morosa</i> Kasz.	—	"	527
3726. <i>M. schah</i> form <i>postluteodis-juncta</i> Kasz.	—	Balouchestan, Kerman, Hormozgan	527
3727. <i>M. schah</i> form <i>postluteore-ducta</i> Kasz.	—	Balouchestan	527

Scientific name	Host	Distribution	Reference no.
3728. <i>Mylabris schah</i> form <i>pseudo-puteoreducta</i> Kasz.	—	Kerman	527
3729. <i>M. schah</i> form <i>pseudotenebrosa</i> Kasz.	—	"	527
3730. <i>M. schauffelei</i> Kasz.	Sugar-beet	Kerman, Balouchestan, Fars, Hormozgan, Khuzestan, Khorasan, Tehran	461, 527
3731. <i>M. schrenki</i> Gebi.	—	Balouchestan, Hormozgan, Gorgan	527
3732. <i>M. sedecimpunctata klugi</i> Redth.	—	Balouchestan, Kerman, Fars, Esfahan, Tehran	527
3733. <i>M. sexmaculata lederei</i> Mars.	—	East Azarbaijan, Khorasan, Khuzestan	527
3734. <i>M. syriaca</i> Kl.	—	Kermanshah, Lorestan, Fars	527
3735. <i>M. syriaca</i> form <i>leseleuci</i> Pic.	—	Fars	527
3736. <i>M. syriaca</i> form <i>smyrensis</i> Esch.	—	"	527
3737. <i>M. tekkensi</i> Pall.	Sugar-beet	Khorasan, Tehran	461
3738. <i>M. tenebrosa</i> Cast.	Predator of <i>Dociostaurus</i> spp., <i>Calliptamus</i> spp. and other grasshoppers	Kermanshah	252, 527
3739. <i>M. tenebrosa</i> form <i>damascena</i> Reich.	—	Khorasan, Kermanshah	527
3740. <i>M. triangulifera</i> Heyd.	—	Balouchestan, Kerman, Tehran, Hormozgan	527
3741. <i>M. triangulifera reiteroides</i> Mad.	—	Khorasan, Tehran, Kerman, Balouchestan, Hormozgan, Kermanshah	527
3742. <i>M. 11-notata turkestanica</i> Doth.	Wheat, barley, tobacco, cucumber, melon, water-melon, sugar-beet	Khorasan and other northern provinces	252, 754
3743. <i>M. undecimpunctata</i> Fisch.	—	Khorasan	527
3744. <i>M. unicolor</i> Fald.	—	Kermanshah, Tehran, Esfahan	527
3745. <i>M. variabilis</i> Pall.	Sugar-beet	East Azarbaijan, Khorasan, Mazandaran, Gorgan, Tehran, Balouchestan, Kermanshah	25, 461, 527
3746. <i>M. variabilis lacera</i> Fisch.	—	Kermanshah	527
3747. <i>M. zebraea</i> Mars.	—	East Azarbaijan, Khuzestan, Kermanshah	527
3748. <i>Nemognatha nigratarsis</i> Sierl.	—	Balouchestan	527
3749. <i>N. nigropes</i> Suffr.	—	Hamadan, Tehran	527
3750. <i>Oenas crassicornis</i> Ill.	—	Kermanshah, Khuzestan	527
3751. <i>O. tenuicornis</i> Ab.	—	Khuzestan	527
3752. <i>O. wilhelmsi</i> Fald.	—	Gilan	527
3753. <i>Stonedera caucasica</i> form <i>bisbinotata</i> Pic.	—	Gorgan	527

Scientific name	Host	Distribution	Reference no.
3754. <i>Teratolytta dives</i>	Broad bean	Mazandaran	25,26,252
3755. <i>T. dives phalerata</i> Friv.	—	Kerman, Kermanshah, Gorgan	527
3756. <i>T. eylandti</i> Sem.	—	Khorasan	527
3757. <i>Zonitis praeusta</i> F.	—	Gorgan	527
3758. <i>Z. praeusta</i> form <i>flava</i> Tausch.	—	Gilan	527
3759. <i>Z. praeusta</i> form <i>flaviventris</i> Tausch	—	Kermanshah	527

## FAMILY MELYRIDAE

Scientific name	Host	Distribution	Reference no.
3760. <i>Melyris oblonga</i> F.	Dry wood	Tehran	786

## FAMILY MORDELLIDAE

Scientific name	Host	Distribution	Reference no.
3761. <i>Mordellistena pumila</i> Gyll.	Lucerne	Northern provinces	252
3762. <i>Variimorda fasciata</i> F.	—	In Iran	887

## FAMILY MYCETOPHAGIDAE

Scientific name	Host	Distribution	Reference no.
3763. <i>Typhaea stercorea</i> (L.)	Fungus on raisin, date and dried apricot	Mazandaran, Gilan	786

## FAMILY NEBRIIDAE

Scientific name	Host	Distribution	Reference no.
3764. <i>Nebria</i> (= <i>Eunebria</i> ) <i>confusianus</i> n. sp.	—	East Azarbaijan, Mazandaran	574
3765. <i>N. davatchii</i> n. sp.	—	Mazandaran (Elburz mountains)	573
3766. <i>N.</i> (= <i>Eunebria</i> ) <i>esfandiarii</i> n. sp.	—	Mazandaran	574
3767. <i>N.</i> (= <i>Eunebria</i> ) <i>testadilata</i> n. sp.	—	East Azarbaijan	574
3768. <i>N.</i> (= <i>Paranebria</i> ) <i>xanthacra kharazii</i> n. ssp.	—	Kerman	574

## FAMILY NITIDULIDAE

Scientific name	Host	Distribution	Reference no.
3769. <i>Carpophilus dimidiatus</i> (F.)	Citrus and also rice, corn and dried fruits	Generally distributed	97,105,238,786
3770. <i>C. froemani</i> Dobs.	Fig	Markazi	602

Scientific name	Host	Distribution	Reference no.
3771. <i>Carpophilus hemipterus</i> L.	Date-palm, dried apricot, almond, citrus and other dried fruits and agricultural products (in granary)	Generally distributed	50,97, 105, 238, 252,468,786
3772. <i>C. humeralis</i> (F.)	Corn	Khuzestan	97
3773. <i>C. obsoletus</i> Erich.	Fig and also corn, date, dried apricot and raisin	Markazi, Khuzestan	93,602,786
3774. <i>Cybocephalus mesopotamicus</i> E.	Predator of <i>Parlatoria blanchardi</i>	Fars, Khuzestan	128,306
3775. <i>C. nigriceps</i> Pey.	Predator of <i>Aonidiella orientalis</i>	Fars	487
3776. <i>C. palmarum</i> Pey.	Predator of <i>Parlatoria blanchardi</i> and other Diaspididae family species	Fars, Esfahan, Khuzestari, Kerman	128,252,306,665, 872
3777. <i>C. rufifrons</i> R.	Predator of <i>Parlatoria blanchardi</i>	Fars, Khuzestan	128,306
3778. <i>C. semiflavus</i> Champ.	Predator of <i>Aonidiella orientalis</i>	Fars	487
3779. <i>C. sp. nr. syriacus</i> Reitt.	Predator of Diaspididae family species	Kerman	872
3780. <i>Haptoncus luteolus</i> Erich.	Corn	Khuzestan	97
3781. <i>Meligethes aeneus</i> F.	—	In Iran	341

#### FAMILY ODACANTHIDAE

Scientific name	Host	Distribution	Reference no.
3782. <i>Odacantha melanura</i> L. Syn.: <i>Odacantha angustata</i> F., <i>O. angulata</i> Latr.	—	In Iran	407

#### FAMILY OEDEMERIDAE

Scientific name	Host	Distribution	Reference no.
3783. <i>Nacerda paradoxa</i> Fald.	—	Mazandaran	366
3784. <i>Oedemera femorata</i> Scop.	—	"	366
3785. <i>O. penicillata</i> Schn.	—	"	366

#### FAMILY OSTOMATIDAE (= Ostomidae)

Scientific name	Host	Distribution	Reference no.
3786. <i>Temnochilus coerulea</i> Ol.	Wheat, bread, dried fruits and other products (in granary)	Northern provinces	26,252,786
3787. <i>Tenebrioides</i> (= <i>Trogosita</i> ) <i>mauritanicus</i> (L.) Syn.: <i>Trogosita mauritanica</i> L., <i>T. caraboides</i> F.	Flour, wheat, corn, rice, barley and other cereals and their products, walnut and other dried fruits (in granary) and also probably predator of <i>Euzophera bigella</i>	Generally distributed	50,70,128,183, 189,191,775,786

## FAMILY PLATYPODIDAE

Scientific name	Host	Distribution	Reference no.
3788. <i>Platypus</i> (= <i>Bostrichus</i> ) <i>cylindrus</i> (F.) Syn.: <i>Platypus cylindriciformis</i> Reitt., <i>P. bimaculatus</i> Duft.	Oak, chestnut, horse chestnut, elm, horn beam, beech, poplar, ash	Gilan, Mazandaran and other northern provinces	6,108,129,143

## FAMILY PTEROSTICHIDAE

Scientific name	Host	Distribution	Reference no.
3789. <i>Amaru aenea</i> Deg. Syn.: <i>Amara vulgaris</i> O. F. Mull.	Wheat and other cereals	In Iran	252,407
3790. <i>A.</i> (= <i>Cribramara</i> ) <i>cadoudati</i> n. sp.	—	Fars	579
3791. <i>A.</i> (= <i>Pseudoleirides</i> ) <i>chodjii</i> n. sp.	—	East Azarbaijan	577
3792. <i>Ancholeus hafezi</i> n. sp.	—	" "	576
3793. <i>Antisphodrus</i> (= <i>Odontosphodrus</i> ) <i>esfandiarii</i> n. sp.	—	Mazandaran (Elburz mountains)	575
3794. <i>Leiocnemis</i> (= <i>Leiromorpha</i> ) <i>davatchii</i> n. sp.	—	" " "	577
3795. <i>L.</i> (= <i>Leiromorpha</i> ) <i>radjabii</i> n. sp.	—	" " "	577
3796. <i>Platyderus chodjii</i> n. sp.	—	" " "	575
3797. <i>P. taghizadehi</i> n. sp.	—	" " "	575
3798. <i>Pseudopedius iranicus</i> n. sp.	—	East Azarbaijan, Tehran	573
3799. <i>Sphodrustocarabus morvani</i> n. sp.	—	Mazandaran	578

## FAMILY PTINIDAE

Scientific name	Host	Distribution	Reference no.
3800. <i>Gibbium boieldieui</i> Levr.	Wheat, barley and other cereals	Generally distributed	252,786
3801. <i>G. psyllodes</i> (Czemp)	Wool, paper, animal and plant collections, cereals and seeds (in granary)	" "	26,252,329,786
3802. <i>Niptus hololeucus</i> (Fald.)	Wool, skin, silk, linen, paper, flour, carpet, cotton and related products, tobacco, tea, medicinal plants, rice and other cereals, feather, cork (in granary) and also beehive, wing and bee carcase (outside in store)	" "	50,69, 105, 184, 252,468,775,786
3803. <i>Ptinus brunneus</i> Duft. Syn.: <i>Ptinus testaceus</i> Ol.	Animal and plant collections, wool, skin, silk, linen, paper, cotton and related products, flour, tobacco, tea, medicinal plants, old book and dried fruits (in granary)	" "	26,252,786

Scientific name	Host	Distribution	Reference no.
3804. <i>Ptinus clavipes</i> Panz.	Storage products	In Iran	786
3805. <i>P. fur</i> L.	Insect and other animal collections, wool, skin, seeds, dried fruits, old book, flour and related products (in granary)	Northern and central provinces	25,105,252,786

### FAMILY SCARABAEIDAE

Scientific name	Host	Distribution	Reference no.
3806. <i>Adoretus comptus</i>	Grapevine, almond and other stone fruit trees	Kerman, Balouchestan	129,252
3807. <i>A. discolor</i> Fald.	Peach, pear, poplar	Caspian Sea area, Fars, Esfahan	26,129,252, 665, 879
3808. <i>A. irakanus</i> Osh.	Poplar, oak	Markazi, Fars and other southern, western and north-western provinces	6,129,879
3809. <i>A. nigrifrons</i> Stev.	Russian olive, arthropytum	Northern, eastern and southern provinces	26,110,128, 129, 252
3810. <i>A. persicus</i> Reitt.	Apple, pear, quince, plum, garden-plum, almond, apricot, peach, cherry, tree of heaven, poplar, black poplar, willow	Generally distributed	6,69,99,110, 128, 129,238,240,241, 252,665,788
3811. <i>A. sistanicus</i> n. sp.	—	Balouchestan	649
3812. <i>Amphicoma arctos</i> form <i>armeniaca</i> Rtrr.	—	Fars	879
3813. <i>A. arctos</i> form <i>aurantiaca</i> Rtrr.	—	"	879
3814. <i>A. bombyliiformis</i> (Pall.)	Roses and other ornamental plants	Lorestan, Azarbaijan and other northern provinces	6,26,129,252
3815. <i>A. genei</i> Trqui.	—	Fars	879
3816. <i>A. nitidicollis</i> Rche.	—	"	879
3817. <i>A. psillotrichia</i> Fald.	—	East Azarbaijan	120
3818. <i>A. pulchera</i> Rtrr.	—	Fars	879
3819. <i>A. vittata scutellata</i>	—	Tehran	26
3820. <i>A. vulpes</i> F.	Ox-eye and sometimes on cerasus, apple, apricot, cherry and sour-cherry	Caspian Sea area	6,26,129,252,665
3821. <i>A. zaitzevi</i> Bog.	—	Kordestan	133
3822. <i>Amphimallon caucasicus</i> Gyll. Syn.: <i>Amphimallon vernalis</i> Brulle	Wheat, barley	East Azarbaijan, Kermanshah	110,120,697,879
3823. <i>A. caucasicus persicum</i> n. ssp.	—	Markazi	649
3824. <i>A. solstitialis</i> L. Syn.: <i>Amphimallon autumnalis</i> Geoff., <i>A. limbatipennis</i> Villa	Sugar-beet	Northern provinces	69,110,461,694

Scientific name	Host	Distribution	Reference no.
3825. <i>Amphimallon solstitialis solstitialis</i> (L.)	Sugar-beet, potato, sunflower, pea, soybean, flax, chrysanthemum and also on apricot, pear, rock-cherry, sour-cherry, garden plum, poplar, oak, maple and grapevine	Caspian Sea area, Fars	129,252
3826. <i>Anisoplia agricola</i> Poda Syn.: <i>Anisoplia cyathigera</i> Scop., <i>A. crucifera</i> Hbst.	Wheat, barley, rye, <i>Agropyron squarosum</i> and other wild cereals	Kordestan and central provinces	69,110,127, 240, 246,252
3827. <i>A. austriaca</i> Hbst. Syn.: <i>A. fructicola</i> Ol.	" " " " "	East Azarbaijan, Tehran, Kermanshah, Kordestan and other western provinces	26,69, 110, 120, 127,240,246,252, 697
3828. <i>A. austriaca major</i> R. - H.	Wheat, barley, rye	Azarbaijan, Zanjan	252
3829. <i>A. farraria</i>	Sunflower	In Iran	252
3830. <i>A. lata</i> Er.	Sunflower, wheat, barley	Kermanshah	252,697
3831. <i>A. leucaspis</i> Cast.	Wheat, barley, <i>Agropyron squarosum</i> and other wild cereals	East Azarbaijan, Kermanshah, Zanjan, Kordestan, Fars, Tehran, Markazi, Chahar Mahal, Mazandaran, Gorgan	26,69, 110, 120, 127,240,246,252, 697,879
3832. <i>A. postuchowa</i>	—	Gorgan	26
3833. <i>A. remota</i> Reitt. Syn.: <i>Anisoplia arvicola</i> Ol.	Wheat and other cereals	Mazandaran, Gorgan	26,252,694
3834. <i>A. segetum</i> (Hbst.) Syn.: <i>Anisoplia campestris</i> Hbst., <i>A. fructicola</i> F.	Wheat, barley, <i>Agropyron squarosum</i> and other wild cereals	Kordestan	110,246,252
3835. <i>A. turcomana</i>	Wheat and other cereals	Gorgan	26,69,252
3836. <i>Anomala splendida</i> Men.	—	Fars	879
3837. <i>Anoxia pilosa</i> (F.) Syn.: <i>Anoxia cinerea</i> Motsch.	Cereals, grapevine and other fruit trees	Caspian Sea area and other north-western provinces	110,129,252,665
3838. <i>Aphodius contaminatus</i> (Hbst.)	—	East Azarbaijan	120
3839. <i>A. fimetarius</i> L.	—	Northern provinces	26
3840. <i>A. ghadimaouensis</i> Balth.	—	Fars	879
3841. <i>A. hydrochoeris</i> (F.)	—	"	879
3842. <i>A. lineimargo</i> Rtrr.	—	"	879
3843. <i>A. lugens</i> Creutz.	—	"	879
3844. <i>A. melanosticus</i> Schm. Syn.: <i>Aphodius lituratus</i> Rey	—	Fars, East Azarbaijan	120,694,879
3845. <i>A. persicus</i> Petr.	—	Fars	879
3846. <i>A. prodromus</i> (Brahm)	—	"	879
3847. <i>A. pruinosis</i> Petr.	—	"	879
3848. <i>A. punctipennis</i> Er.	—	"	879
3849. <i>A. satellitus</i> (Hbst.) Syn.: <i>Aphodius affinis</i> Brahm	—	"	694,879



Scientific name	Host	Distribution	Reference no.
3850. <i>Aphodius trucidatus</i> form <i>suturifer</i> Rtt.	—	Fars	879
3851. <i>A. wollastoni</i> Har.	—	"	879
3852. <i>Autoserica esfandiarii</i> n. sp.	—	Balouchestan	649
3853. <i>Blitopertha</i> (= <i>Phyllopertha</i> ) <i>abdula</i> (Petr.)	—	East Azarbaijan	120
3854. <i>Bubas bubalus</i> (Ol.)	—	Fars	879
3855. <i>Caccobius histeroides</i> Men.	—	"	879
3856. <i>C. schreberi</i>	—	Northern provinces	26
3857. <i>Celidotella matthiesseni</i> Reitt.	Roses, wild almond and some cold region fruit trees	Kermanshah, Fars, Esfahan, Kordestan	110, 649, 665, 879
3858. <i>Cetonia aurata</i> (L.) Syn.: <i>Cetonia nobilis</i> Schr.	Dog-rose and other roses, apple, pear, apricot, peach, garden plum, white-thorn, cherry, sour-cherry, sorb, common lilac, tung, sloe tree, citrus	Caspian Sea area, Fars, Tehran, Azarbaijan, Kordestan, Kermanshah, Markazi, Zanjan, Hamadan, Lorestan	6, 26, 110, 129, 252, 665, 889
3859. <i>C. aurata praeclara</i> Muls.	—	In Iran	110
3860. <i>Chioneosoma porosa</i> B.	Pear	Khorasan	665
3861. <i>C. porosum</i> (Fisch.)	Different kinds of fruit trees	Fars, Gorgan and northern provinces	26, 252
3862. <i>Chironitis haroldi</i> Ball.	—	Fars	879
3863. <i>C. pamphylius</i>	—	Tehran	26
3864. <i>Copris hispanus</i> (L.)	—	Tehran, East Azarbaijan	26, 120
3865. <i>C. lunaris</i> (L.)	—	Fars, Mazandaran	26, 879
3866. <i>Cryptotrogus miksici</i> M.	Apple and different kinds of fruit trees	Most fruit planting areas	69, 128, 241
3867. <i>Cyphonoxia praestabilis</i> Rtt.	—	Fars	879
3868. <i>Dorcus parallelopedus</i> (L.)	Pistachio	Caspian Sea area, Tehran	6, 26, 129
3869. <i>Epicometis</i> (= <i>Tropinota</i> ) <i>hirta</i> (Poda) Syn.: <i>Epicometis hirtella</i> L.	Wheat, roses, pomegranate, citrus, apple, pear, malus, poplar, alder, white-thorn, egyptian acacia, false acacia, sloe tree, almond, cherry, garden plum, apricot, peach, wild pear and other ston fruit trees	Gilan, Mazandaran, Gorgan, Tehran, Khorasan, Azarbaijan, Semnan, Zanjan, Hamadan, Markazi, Lorestan, Kermanshah, Kordestan, Esfahan, Fars, Yazd, Kerman, Chahar Mahal, Kohkilouye and western provinces	6, 24, 26, 69, 70, 110, 128, 129, 241, 252, 665, 788, 796
3870. <i>E. senicula</i> Men.	Apple, pear, quince, cherry, apricot, garden plum, peach, common lilac, almond, pomegranate	Northern provinces and probably Esfahan	6, 128, 129, 252
3871. <i>E. squalida</i> Scop. Syn.: <i>Tropinota crinita</i> Charp.	Apple, pear, quince, cherry, apricot, peach, garden plum, pomegranate, almond	East Azarbaijan, Tehran, Markazi and other northern, western and central provinces	120, 128, 665
3872. <i>E. suturalis</i> Reitt.	Apple, pear, quince, cherry, apricot, peach, garden plum, pomegranate, almond, common lilac, cerasus, sloe tree	Northern provinces	6, 128, 129, 252

Scientific name	Host	Distribution	Reference no.
3873. <i>Euoniticellus fubvus</i> (Goeze) Syn.: <i>Euoniticellus flavipes</i> F.	—	Fars	694,879
3874. <i>E. pallipes</i> (F.)	—	"	694,879
3875. <i>Glaphyrus superbus</i> Champ.	—	"	879
3876. <i>Glaphypterus micous</i> Fald.	—	East Azarbaijan, Tehran and most other fruit planting areas	26,120
3877. <i>Gymnopleurus coriarius</i> (Hbst.) Syn.: <i>Gymnopleurus flagellatus</i> Ol.	—	East Azarbaijan, Fars	120,694,879
3878. <i>G. mopsus</i> (Pall.) Syn.: <i>Gymnopleurus pilularius</i> Muls.	—	Fars	694,879
3879. <i>Haplidia iranica</i> n. sp.	—	Kermanshah	649
3880. <i>Homalocopriss tmolus</i>	—	Gorgan	26
3881. <i>Hoplia praticola</i> Duft.	—	Northern provinces	26,694
3882. <i>Hybosorus arator palaearticus</i> Endr.	—	Fars	879
3883. <i>Lasiexis persicola</i> Rtrr.	—	"	879
3884. <i>Lethrus acutanculatus</i>	—	Mazandaran	26
3885. <i>Madotrogus bicolor</i> n. sp.	—	Khorasan	649
3886. <i>Melolontha alba</i>	—	In Iran	128
3887. <i>M. albidicutis</i>	—	" "	26
3888. <i>M. hippocastani</i> (F.) Syn.: <i>Melolontha vulgaris</i> Ol., <i>M. pectoralis</i> Meg.	Poplar	Gilan, Mazandaran, Gorgan	110,466
3889. <i>M. kraatzi</i> Reitt.	"	" " "	110,466
3890. <i>M. kraatzi persica</i> Reitt. Syn.: <i>Melolontha tibialis</i> Kr.	Apple, pear, garden pulm, apricot, cherry, cerasus, beech, maple, oak, alder, ash, false acacia, pine, sloe tree, quince and wild pear	Caspian Sea area, Gorgan, Fars, Khuzestan	6,26,129,252,665
3891. <i>M. pectoralis</i> Germ. Syn.: <i>Melolontha aceris</i> Erich., <i>M. albida</i> Cast.	Apple, pear, garden pulm, apricot, cherry, cerasus, beech, maple, oak, alder, ash, false acacia, poplar, sloe tree and wild pear	Gilan, Mazandaran	6,110, 129, 252, 466,665
3892. <i>M. tibialis</i> Kr.	—	Gilan	26
3893. <i>Onitis humerosus</i> Pall.	—	Fars, Mazandaran	26,879
3894. <i>Onthophagus aleppensis</i> Rtdb.	—	Fars	879
3895. <i>O. amyntans</i> Muls.	—	Hamadan	26
3896. <i>O. amyntans aspadanaensis</i> Petr.	—	Fars	879

Scientific name	Host	Distribution	Reference no.
3897. <i>Onthophagus armentarius</i> Men.	—	Fars	879
3898. <i>O. fissicornis</i> Stev.	—	"	879
3899. <i>O. flagrans</i> Rtrr.	—	"	879
3900. <i>O. furcatus</i> F.	—	East Azarbaijan	120
3901. <i>O. gibbosus</i> (Scrib.) Syn.: <i>Onthophagus amyntans</i> Muls.	—	Fars	694,879
3902. <i>O. gibbosus</i> form <i>ochripennis</i> Orb.	—	"	879
3903. <i>O. lucidius</i> Strum.	—	"	879
3904. <i>O. mostafa-sairi</i> Petr.	—	"	879
3905. <i>O. orbigny</i> Ols.	—	"	879
3906. <i>O. ruficapillus</i> Brulle	—	"	879
3907. <i>O. specularifer</i> Sol.	—	"	879
3908. <i>O. taurus</i>	—	Tehran	26
3909. <i>O. truchmenus</i> Kol.	—	East Azarbaijan	120,694
3910. <i>O. vacca</i>	—	Zanjan	26
3911. <i>Osmoderma eremita</i>	—	Northern provinces	26
3912. <i>Oxythyrea cinctella</i> Schaum.	Dog-rose and other roses, wheat, apple, grapevine, pear, quince, citrus, malus, peach, white-thorn, tung, poplar, false acacia, alder, egyptian acacia and wild pear	Azarbaijan, Khorasan, Gilan, Mazandaran, Gorgan, Fars, Tehran, Kerman, Semnan, Kordestan, Kermanshah, Hamadan, Lorestan, Chahar Mahal, Markazi, Esfahan, Fars, Zanjan, Yazd, Balouchestan	6,24,26,69,70,110,120,128,129,241,252,649,665,788,796,879,889
3913. <i>O. funesta</i> (Poda) Syn.: <i>Oxythyrea stictica</i> L., <i>O. funeraria</i> Fourc.	Dog-rose and other roses, wheat, apple, grapevine, pear, quince, citrus, tung and wild pear	Caspian Sea area	6,26,110,129,252
3914. <i>O. natalis</i> Ol.	Grapevine, quince and other fruit trees	In Iran	252
3915. <i>Phaeadoretus iranicus</i> Mcht.	—	Fars	879
3916. <i>P. schirasensis</i> Petr.	—	"	649,879
3917. <i>Pharaonus varicoloreus</i> Burm.	—	"	879
3918. <i>Phyllopertha</i> (= <i>Blitopertha</i> ) <i>lineata</i> (F.)	Willow, oak	Caspian Sea area	26,110,129,252
3919. <i>Pleurophorus caesus</i> (Creutz.)	—	Fars	879
3920. <i>Polyphylla adspersa</i> Motsch.	Apple, grapevine and other fruit trees, cotton, potato	Azarbaijan, Khorasan, Mazandaran, Gorgan, Kerman, Tehran, Yazd, Lorestan	24,26,69,70,127,128,129,240,241,252,662,665,754,788
3921. <i>P. alba</i> (L.)	Grapevine and other fruit trees	Balouchestan	127,129,252

Scientific name	Host	Distribution	Reference no.
3922. <i>Polyphylla olivieri</i> (Cast.) Syn.: <i>Polyphylla fullo</i> Burm., <i>P. abchasica</i> Motsch.	Pear, apple, cherry, apricot, grapevine, peach, pistachio, quince, plum, cerasus, oriental, plane, elm, ash, black poplar, pine, cucumber, potato, bean, syringa, gladiola, laurel, european privet, poa, foxtail, sugar-beet, chenopodium, egg plant, green foxtail, yellow foxtail, wild pear and other plants	Azarbaijan, Khorasan, Kermanshah, Gilan, Mazandaran, Gorgan, Tehran, Baluchestan, Hamadan, Lorestan, Kordestan, Markazi, Zanzan, Fars, Esfahan, Chahar Mahal, Kohkilouye, Yazd, Kerman and central provinces	6,24,26,69,99,120,127,128,129,176,240,241,252,323,461,466,662,665,722,754,756,757,879,886,889
3923. <i>P. persica</i> Brske	—	Fars	879
3924. <i>Potosia affinis</i> Ander.	Pear (late varieties)	Fars and northern provinces	252
3925. <i>P. cuprea</i> F. Syn.: <i>Potosia floricola</i> Hbst.	" " "	Esfahan, Fars, Tehran, Azarbaijan, Markazi, Khorasan, Kordestan, Kermanshah, Lorestan, Hamadan, Balouchestan, Chahar Mahal	26,110,252,665
3926. <i>P. cuprea</i> form <i>diadenata</i> Rtr.	—	Fars	879
3927. <i>P. cuprea hieroglyphica</i> Men.	Apple, pear, quince	Tehran, Semnan, Azarbaijan, Mazandaran, Gorgan	665
3928. <i>P. cuprea persplendens</i> Reit.	—	East Azarbaijan	120
3929. <i>P. funebris</i> Gory.	—	Fars	879
3930. <i>P. hieroglyphica</i> Men.	Pear, quince	Fars, central and northern provinces	129,252
3931. <i>P. hungarica</i> Hbst. Syn.: <i>Potosia viridis</i> F.	Apple, pear, cherry and ornamental plants of Compositae family and sometimes on roses, common lilac and grapevine	Fars, Mazandaran, Azarbaijan, Esfahan, Chahar Mahal, Kordestan, Kermanshah	6,26,110,129,252,665
3932. <i>P. hungarica armeniaca</i> Men.	Ornamental plants of Compositae family and sometimes on pear, apple, roses, common lilac and grapevine	Fars, Tehran and other northern provinces	6,26,129,252
3933. <i>P. hungarica ignisternum</i> Rtr.	—	Fars	879
3934. <i>P. marmorata</i>	—	Mazandaran	26
3935. <i>P. sibirica</i> Gebl.	—	Mazandaran, Fars	26,879
3936. <i>P. sibirica</i> form <i>albilatera</i> Fald.	—	Fars	879
3937. <i>P. vidua</i>	—	Mazandaran	26
3938. <i>Propomacrus bimucronatus</i> Pall.	—	Fars	9,879
3939. <i>Rhizotrogus aestivus</i> (Ol.) Syn.: <i>Rhizotrogus bimaculata</i> Hbst., <i>R. inanis</i> Brahm	Suagr-beet and sometimes on apple, olive and oak	Azarbaijan, Caspian Sea area	24,26, 110, 129, 252
3940. <i>R. peratratus</i> Reitt.	—	Northern provinces	110
3941. <i>Scarabaeus armeniacus</i> Men.	—	East Azarbaijan	120
3942. <i>S. babori</i> Balth.	—	East Azarbaijan, Fars	120,879

Scientific name	Host	Distribution	Reference no.
3943. <i>Scarabaeus pius</i>	—	Tehran	26
3944. <i>S. puncticollis</i>	—	Northern provinces	26
3945. <i>S. sacer</i> L.	—	Fars, central and northern provinces	26,879
3946. <i>S. schaefferi</i>	—	Northern provinces	26
3947. <i>Sisyphus schaefferi boschniaki</i> Fisch.	—	Fars	879
3948. <i>Stalagmopygus albella</i> (Pall.)	Roses, caper bush	Fars, Esfahan, Khorasan, Kermanshah, Balouchestan	110,120,665,879
3949. <i>Tanyproctus mirzayani</i> Petr.	—	Fars	879
3950. <i>T. ovatus</i>	—	East Azarbaijan	120
3951. <i>T. persicus</i>	—	Northern provinces	26
3952. <i>Trichius fasciatus</i> (L.)	Roses, apple	Mazandaran and other northern provinces	6,26,129,252
3953. <i>Valgus hemipterus</i> L.	Apple, pear, cherry, garden plum, poplar, common lilac and other ornamental plants and also different dried woods	East Azarbaijan, Zanjan, Gilan, Mazandaran, Tehran, Fars, Kohkilouye	6,26,129,252,665

#### FAMILY SCARITIDAE

Scientific name	Host	Distribution	Reference no.
3954. <i>Scarites eurytus</i> Fisch.	Cotton, castor-bean, sugar-cane	Khuzestan	69,252,754
3955. <i>S. planus</i> Bonel.	—	East Azarbaijan	120
3956. <i>S. salinus</i>	—	Northern provinces	26

#### FAMILY SCOLYTIDAE (= Ipidae)

Scientific name	Host	Distribution	Reference no.
3957. <i>Anisandrus</i> (= <i>Xyleborus</i> ) <i>dispar</i> (F.)	Apple, pear, quince, plum, hazelnut, apricot, peach, birch, oak, maple, black poplar	Tehran, Mazandaran, Khorasan, Hamadan, Zanjan, Markazi, Esfahan, Chahar Mahal	128,238,662,665
3958. <i>Chaetoptelius</i> (= <i>Hylesinus</i> ) <i>vestitus</i> (Muls.)	Pistachio, pine	Zanjan, Khorasan, Kerman, Esfahan, Fars and other southern provinces	6,69,108,129,186,238,240,252,268,286,473
3959. <i>Cryphalus</i> (= <i>Bostrichus</i> ) <i>abietis</i> Ratz.	Fig	Southern provinces	6,129
3960. <i>Estenoborus perrisi</i> Chap. Syn.: <i>Carphoborus perrise</i>	Pistachio and probably on olive, ash, maple and smoke tree	Khorasan, Zanjan, Kerman, Yazd, Fars, Tehran and most other pistachio planting areas	6,69,108,128,129,238,252,481
3961. <i>Hylesinus</i> (= <i>Leperesinus</i> ) <i>fraxini</i> Panz.	Ash, olive, common lilac and sometimes on maple, horn beam, false acacia, beech, walnut, hazelnut, apple, pear	Generally distributed	6,129, 143, 252, 256

Scientific name	Host	Distribution	Reference no.
3962. <i>Hylesinus oleiperda</i> F. Syn.: <i>Hylesinus tariano</i> Danth.	Olive	In Iran	108,112,238
3963. <i>Hypoborus ficus</i> Erich. Syn.: <i>Hypoborus siculus</i> Ferr.	Fig,loquat	Gilan,Khorasan,Tehran,Fars and other fig planting areas	6,108, 128, 129, 142,143,240,252
3964. <i>Hypothenemus aspericollis</i> Woll. Syn.: <i>Hypothenemus ehlersi</i> Erich.	Fig,citrus,pistachio,laurel,pear, garden plum,white mulberry,fig, kaki, ash, oriental plane,loquat, wistaria, false acacia , date plum, teil, pine, olive,tree of heaven	Tehran,Gilan and other northern provinces	6,108, 128, 252, 665
3965. <i>H. eruditus</i> West. Syn.: <i>Hypothenemus aspericollis</i> Woll.	Tree of heaven,apricot,almond	Northern provinces	6,129
3966. <i>H. lezhavai</i> Piat.	Almond,cherry	Caspian Sea area	665
3967. <i>Ips</i> (= <i>Tomicus</i> ) <i>mannsfeldi</i> (Wach.)	Pine	Tehran	6,129
3968. <i>Orthotomicus erosus</i> Woll. Syn.: <i>Orthotomicus duplicatus</i> Ferr., <i>O. laricius</i> Perr.	Pine,cypress tree	West Azarbaijan,Fars and northern provinces	76,129,252
3969. <i>Phloeosinus bicolor</i> Brulle Syn.: <i>Phloeosinus aubei</i> Perr., <i>P. schumensis</i> Egg.	Juniper,arbor vitae, <i>Cupressus sempervirens</i> var. <i>horizontalis</i>	Tehran and other northern provinces	6,128, 129, 142, 143,188
3970. <i>P. cupressi</i> Hep.	Cryptomeria	Caspian Sea area	6,129
3971. <i>Phloeotribus</i> (= <i>Bostrichus</i> ) <i>scarabaeoides</i> (Bern.) Syn.: <i>Phloeotribus oleae</i> F., <i>P.oleiphilus</i> Del Guer	Olive, ash, common lilac	Gilan and other northern and central provinces	6,108, 129, 252, 256
3972. <i>Ruguloscolytus</i> (= <i>Scolytus</i> ) <i>mediterraneus</i> (Egg.) Syn.: <i>Ruguloscolytus pomarius</i> Bedel.	Peach,apricot, plum, garden plum, almond, cherry, sour-cherry, apple, pear,quince	Generally distributed	69,70, 108, 141, 142,176,188,189, 240,241,252,660, 662,665,722
3973. <i>R.</i> (= <i>Scolytus</i> ) <i>rugulosus</i> (Mull.) Syn.: <i>Scolytus baemorrhous</i> Schm., <i>S.mediterraneus</i> Egg.	Almond,apricot,cherry,peach,garden plum,apple,pear,quince,white-thorn, medlar,sorb,elm,cherry laurel,alder, beech, sloe tree, mespilus, cerasus and wild pear	East Azarbaijan,Kermanshah,Zanjan, Tehran,Hamadan, Kerman, Esfahan and other central and northern provinces	6,108, 120, 129, 252,669
3974. <i>Scolytocheilus</i> (= <i>Scolytus</i> ) <i>multistriatus</i> (Marsh.)	Elm and sometimes on garden plum,poplar,horn beam, beech, elm, ash and wild pear	Generally distributed	6,128, 129, 142, 143,188,240,252, 665
3975. <i>Scolytus</i> (= <i>Ruguloscolytus</i> ) <i>amygdali</i> (L.)	Apricot,almond,peach,tree of heaven	Azarbaijan,Kermanshah,Esfahan and other central provinces	6,129,662,665
3976. <i>S.</i> (= <i>Ruguloscolytus</i> ) <i>confusus</i> (Egg.)	Some forest trees and Rosaceae family fruit trees	Gilan,Mazandaran and other northern, central,western and southern provinces	129,143
3977. <i>S. eichhoffi</i> Reitt.	Elm	Gilan and other northern provinces	6,252

Scientific name	Host	Distribution	Reference no.
3978. <i>Scolytus ensifer</i> Eich.	Elm	Northern provinces	6,129
3979. <i>S. fasciatus</i> Reitt.	Cultivated and wild apricot, garden plum and sometimes on elm and sloe tree	Mazandaran	252,665
3980. <i>S. intricatus</i> Ratz.	Wild pear, oak, elm and sometimes on beech	Gilan, mazandaran	6,129,143
3981. <i>S. kirschi</i> Skal. Syn.: <i>Scolytus demaisonii</i> Egg., <i>S. fasciatus</i> Reitt.	Cultivated and wild apricot, cerasus, garden plum and sometimes on elm	Southern provinces	6,129,665
3982. <i>S. mali</i> (Becht.) Syn.: <i>Scolytus pruni</i> Ratz., <i>S. castaneus</i> Ratz.	Apple, pear and sometimes on walnut, white-thorn, quince, sorb, elm, rockspray and wild pear	Generally distributed	6,108, 128, 129, 143, 240, 241, 252, 662, 665, 788
3983. <i>S. orientalis</i> Egg.	Elm and sometimes on siberian elm	Northern provinces	6,252
3984. <i>S. (=Bostrichus) scolytus</i> (F.) Syn.: <i>Scolytus californicus</i> Le Conte, <i>S. destructor</i> Ol.	Elm and sometimes on poplar, willow, ash, walnut, siberian elm, buckthorn and russian olive	Caspian Sea area, Tehran, Azarbaijan and central provinces	6,133, 143, 252
3985. <i>Taphrorynchus alni</i> Pfef.	Alder, horn beam, beech, walnut and wild pear	Northern provinces	6
3986. <i>T. (=Bostrichus) bicolor</i> (Hbst.) Syn.: <i>Ips fuscus</i> Mars., <i>Taphrorynchus tristiculus</i> Ferr.	Horn beam, beech, walnut, oak and wild pear	Tehran and other northern provinces	6,129, 143
3987. <i>T. (=Bostrichus) villifrons</i> (Duf.) Syn.: <i>Taphrorynchus bulmerincui</i> Kol.	Oak, cerasus	Northern provinces	6,129
3988. <i>Xyleborus (=Bostrichus) dryographus</i> (Ratz.)	Oak, chestnut and sometimes on elm, beech, horn beam, maple, mespilus, teil, cherry laurel and cerasus	Gilan and other northern provinces	6,129, 143, 252
3989. <i>X. (=Bostrichus) saxeseni</i> (Ratz.) Syn.: <i>Xyleborus xylographus</i> Say.	Oak, beech, elm, ash, maple, teil, alder, poplar, willow, walnut, chestnut, hazelnut, mespilus, plum, malus and wild pear	Generally distributed	6,112, 129, 252, 665
3990. <i>Xyloterus signatus</i> F.	Siberian elm, oak, beech, birch	Caspian Sea area and other northern provinces	6,129, 143

## FAMILY SILPHIDAE

Scientific name	Host	Distribution	Reference no.
3991. <i>Ablattaria arenaria</i>	—	In Iran	25
3992. <i>Aclypea pamirensis</i> Jak.	Sugar-beet	Probably northern and north-eastern provinces	110
3993. <i>A. turkestanica</i> Ball.	" "	" " " " "	110

Scientific name	Host	Distribution	Reference no.
3994. <i>Blitophaga</i> (= <i>Aclypea</i> ) <i>opaca</i> (L.) Syn.: <i>Blitophaga hirta</i> L., <i>B. villosa</i> Naez.	Sugar-beet, lucerne, potato, carrot, wheat, barley, corn	Kermanshah	25,110,252
3995. <i>B.</i> (= <i>Silpha</i> ) <i>undata</i> (Mull.)	Sugar-beet	"	461
3996. <i>Silpha obscura</i> L.	Sugar-beet, turnip, radish, wheat, barley, corn	Tehran and other northern provinces	252
3997. <i>Thanatophilus sinuatus</i> F.	On carrion	In Iran	877

## FAMILY SILVANIDAE (= Cucujidae)

Scientific name	Host	Distribution	Reference no.
3998. <i>Ahasverus advena</i> (Walt.)	Grains and other storage products	Gilan	876
3999. <i>Nausibius clavicornis</i> Kug.	Entomological collections, cereals and their products, dried fruits, nuts, seeds, sugar, candy, dried meat and tobacco, raisin (in granary)	East Azarbaijan	50,468
4000. <i>Oryzaephilus mercator</i> Fauv.	Dried apricot, raisin, date-palm and other storage products (in granary)	Generally distributed	50,468,775,786
4001. <i>O.</i> (= <i>Silvanus</i> ) <i>surinamensis</i> (L.)	Rice, flour and other cereals and their products, date-palm, nuts, seeds, sugar, candy, tobacco, almond, dried meat, dried apricot, dried fig and other dried fruits (in granary)	" "	26, 50, 70, 183, 329,550,775,786

## FAMILY STAPHYLINIDAE

Scientific name	Host	Distribution	Reference no.
4002. <i>Carpelimus corticinus</i> Grave	Lucerne	Esfahan	348
4003. <i>Paederus fuscipes</i> Curt.	Predator on storage products	Gilan	786
4004. <i>P. ilsae</i> Bernh.	" " " "	"	786
4005. <i>P. litoralis</i>	—	Northern provinces	26

## FAMILY TENEBRIONIDAE

Scientific name	Host	Distribution	Reference no.
4006. <i>Adesmia fischeri</i> Fald.	—	East Azarbaijan	120
4007. <i>A. panderi iranica</i> Bog.	—	Tehran	133
4008. <i>Alphitobius bifasciatus</i> Say	Fungus on stored cereals	Gilan, Markazi	786
4009. <i>A. diaperinus</i> (Panz.) Syn.: <i>Alphitobius ovatus</i>	Peanuts, groat, cotton, seed, biskuit, skin, cocoon of silkworm, barley, wheat, bran, potato, seed of flax (in granary)	Khuzestan, Azarbaijan, Tehran, Gilan, Mazandaran, Gorgan, Kordestan, Zanjan, Khorasan	70,786
4010. <i>A. laevigatus</i> (F.) Syn.: <i>Alphitobius piceus</i> Ol.	Flour, barley, wheat and other storage products	West Azarbaijan, Khuzestan, Gilan, Zanjan, Fars, Kermanshah, Khorasan	70,786



Scientific name	Host	Distribution	Reference no.
4011. <i>Alphitobius piceus</i> Ol.	Grains, bran, groat, biskuit, flax, potato, earht nut, cotton seed, corn (in granary)	East Azarbaijan , Tehran and other northern provinces	468,775
4012. <i>Asida</i> sp.	—	East Azarbaijan	120
4013. <i>Blaps mortisaga</i> L.	Vegetable matters	Markazi, Semnan	786, 877
4014. <i>B. mucronata</i> Later	Flour, barley, wheat (in granary)	West Azarbaijan, Gilan, Fars	786
4015. <i>B. persica</i> Sal.	—	East Azarbaijan	120
4016. <i>Cyphogenia gibba</i> Fisch.	Cigarette , dried fruits and bread (in granary)	Tehran, Gorgan	26, 786
4017. <i>C. lucifuga</i> (Adams)	Different storage products	East Azarbaijan	786
4018. <i>Dailognatha nasuta</i> Men.	Cotton	Northern provinces	252
4019. <i>Gonocephalum</i> (= <i>Dasus</i> ) <i>pusillum</i> (F.) Syn.: <i>Gonocephalum nigrum</i> Kust. , <i>G. viennense</i> Duft.	Sorghum and other industrial and truck crops	" "	110, 252
4020. <i>G. (= Dasus) rusticum</i> Ol.	Potato, tomato , melon and other truck crops	Mazandaran	252, 786
4021. <i>G. setulosum</i> Fald.	Different storage products	Gilan, Khuzestan	786
4022. <i>Latheticus oryzae</i> Water. Syn.: <i>Latheticus striolatus</i> Fm.	Wheat, barley, corn, rice, flour (in granary)	Generally distributed	69, 105, 187, 252, 775, 786
4023. <i>Mesostena laevicollis</i> Brulle	Grapevine	Northern provinces	26, 129, 252
4024. <i>M. puncticollis</i> Sol.	Different storage products	Khuzestan	786
4025. —	—	—	—
4026. <i>Opatroides punctulatus</i> Brulle	Cotton, tobacco and storage products	Mazandaran , Gorgan and other northern provinces	252, 754, 786
4027. <i>Opatrum sabulosum</i> L. Syn.: <i>Opatrum intermedium</i> Fitch., <i>O. tricarinatum</i> Motsh.	Wheat, barley, flax, tobacco, squash, melon, water-melon, cucumber, bean, pea, sunflower	Mazandaran, Gorgan	110, 252
4028. <i>Pakorus depressus</i> F..	Flour, wheat (in granary)	West Azarbaijan	786
4029. <i>P. ratzeburgi</i> (Wissm)	Grains, flour (in granary)	Gilan	786
4030. <i>Pimelia capitopersica</i> Fald.	—	East Azarbaijan	120
4031. <i>Prosodes cribella</i> Bdi.	Cigarette , dried fruits and bread (in granary)	Gorgan	26, 786
4032. <i>Sitophagus hololeptoides</i> Can. Syn.: <i>Sitophagus castaneus</i> Rt., <i>S. farinarius</i> Woll.	Wheat, barley, groat, flour, bran (in granary)	Boushehr	767, 786
4033. <i>Tenebrio molitor</i> L.	Entomological collections, flour and related products, dried fruits, tobacco products, meat, vegetable seeds, groat, wool (in granary)	Azarbaijan, Tehran, Gilan, Mazandaran, Gorgan, Markazi, Khorasan, Kordestan, Semnan, Zanjan, Esfahan, Hormozgan	26, 50, 105, 120, 252, 775, 786

Scientific name	Host	Distribution	Reference no.
4034. <i>Tenebrio obscurus</i> F.	Entomological collections, flour and related products, dried fruits, tobacco products, meat and vegetable seeds (in granary)	Tehran, West Azarbaijan, Khorasan and other northern provinces	70,105,252, 775, 786
4035. <i>Tentyria tessulata</i> Tauch.	Cigarette, dried fruits and bread (in granary)	East Azarbaijan, Tehran	26,120,786
4036. <i>Tribolium castaneum</i> (Hbst.) Syn.: <i>Tribolium testaceum</i> F., <i>T. ferrugineum</i> Hbst.	Rice, wheat, barley, corn, flour, bean, sunflower, flax, raisin, almond, dried apricot (in granary)	Generally distributed	50,70, 105, 110, 183,252,329,775, 786,889
4037. <i>T. confusum</i> Duv. Syn.: <i>Tribolium ferrugineum</i> Hbst.	Rice, wheat, barley, corn, bean, flour and related products, sunflower, flax, broad bean, chocolate, pepper, raisin, dried apricot and other dried fruits, vegetables, almond and groat (in granary)	" "	26,50,70,103,105, 183,252,329,775, 786,802,889
4038. <i>Zophosis pulverulenta</i> Deyr.	—	East Azarbaijan	120

## FAMILY THORICTIDAE

Scientific name	Host	Distribution	Reference no.
4039. <i>Thorictodes heydeni</i> Rtt.	Different dried products and cereals	Hormozgan	105,786

## FAMILY TRECHIDAE

Scientific name	Host	Distribution	Reference no.
4040. <i>Ocys</i> (= <i>Oreocys</i> ) <i>elburzensis</i> n. sp.	—	Mazandaran (Elburz mountains)	575
4041. <i>O.</i> (= <i>Oreocys</i> ) <i>ledouxi</i> n. sp.	—	" " "	575
4042. <i>O.</i> (= <i>Oreocys</i> ) <i>soleymanensis</i> n. sp.	—	" " "	575
4043. <i>Trechus breizhinensi</i> n. sp.	—	Mazandaran	578
4044. <i>T. cadoudati</i> n. sp.	—	"	578
4045. <i>T. chodjaji</i> n. sp.	—	Mazandaran (Elburz mountains)	573
4046. <i>T. dicabinus</i> n. sp.	—	Mazandaran	578
4047. <i>T. diliae</i> Mor.	—	Mazandaran, Tehran	578
4048. <i>T. diliae soleymanensi</i> n. ssp.	—	Mazandaran	578
4049. <i>T. elburzensis</i> n. sp.	—	Mazandaran (Elburz mountains)	573
4050. <i>T. elikasensi</i> n. sp.	—	Mazandaran	578
4051. <i>T. esfandiarii</i> n. sp.	—	Mazandaran (Elburz mountains)	573
4052. <i>T. hirus</i> n. sp.	—	Mazandaran	578
4053. <i>T. kafekus</i> n. sp.	—	"	578
4054. <i>T. mahouxi</i> n. sp.	—	"	578

Scientific name	Host	Distribution	Reference no.
4055. <i>Trechus mirzayani</i> n. sp.	—	Mazandaran (Elburz mountains)	573
4056. <i>T. moreaui</i> n. sp.	—	Mazandaran	578
4057. <i>T. morguesae</i> n. sp.	—	"	578
4058. <i>T. novenoiei</i> n. sp.	—	"	578
4059. <i>T. quadristriatus</i> Schr. Syn.: <i>Trechus capitatus</i> Four., <i>T. minutus</i> F.	—	In Iran	406
4060. <i>T. rastgari</i> n. sp.	—	Mazandaran	578
4061. <i>T. saadii</i> n. sp.	—	"	578
4062. <i>T. scharifi</i> n. sp.	—	"	578
4063. <i>T. taghizadehi</i> n. sp.	—	Mazandaran (Elburz mountains)	573

### FAMILY TROGIDAE

Scientific name	Host	Distribution	Reference no.
4064. <i>Trox hispidus</i> (Pont.)	—	In Iran	694

### FAMILY ZUPHIIDAE

Scientific name	Host	Distribution	Reference no.
4065. <i>Zuphium olens</i> Rossi	—	In Iran	407

## ORDER LEPIDOPTERA

### FAMILY AEGERIIDAE (= Sesiidae)

Scientific name	Host	Distribution	Reference no.
4066. <i>Aegeria</i> (= <i>Sesia</i> ) <i>apiformis</i> (Cl.) Syn.: <i>Aegeria myopiformis</i> Bart.	Poplar and sometimes willow, birch and ash	East Azarbaijan, Tehran, Mazandaran and central provinces and probably other areas	6,27,118,129,252,695
4067. <i>Chamaesphecia doryceraeformis</i> Led.	—	East Azarbaijan, Fars	118,119,466,495
4068. <i>C. schmidtiformis</i> Frr.	—	Tehran	534
4069. <i>Eusphecia pimplaeformis</i> Ob.	Poplar	East Azarbaijan and other northern, north-western and central provinces	6,118,129,695
4070. <i>Synanthedon</i> (= <i>Sesia</i> ) <i>cephiformis</i> Ochs.	Spurce	Northern provinces	6,129
4071. <i>S. conopiformis</i> Esp.	Oak	" "	6
4072. <i>S.</i> (= <i>Aegeria</i> ) <i>myopiformis</i> (Borkh.) Syn.: <i>Synanthedon myopaeformis</i> Bart., <i>S. mutilaeformis</i> Lasp.	Apple, apricot, quince, garden plum, cherry	Azarbaijan, Markazi, Tehran, Lorestan, Kordestan, Esfahan, Kermanshah	109,112,118,128,240,662,663,695

Scientific name	Host	Distribution	Reference no.
4073. <i>Synanthedon</i> (= <i>Paranthrene</i> ) <i>tabaniformis</i> (Rott.) Syn.: <i>Sesia serratifomis</i> Frey	Poplar, black poplar, white poplar, willow, weeping willow, apple	Generally distributed	6,118, 129, 238, 252,349

## FAMILY AMATIDAE (= Syntomidae)

Scientific name	Host	Distribution	Reference no.
4074. <i>Amata</i> (= <i>Syntomis</i> ) <i>nigricornis</i> Alph.	—	East Azarbaijan	119,490

## FAMILY ARCTIDAE

Scientific name	Host	Distribution	Reference no.
4075. <i>Agrodiaetus rjabovi valiabadi</i> n. ssp.	—	Mazandaran	718
4076. <i>Arctia caja</i> L.	Willow, birch and sometimes on cereals grapevine and some other fruit trees	Caspian Sea area, Fars and other southern and western provinces	30,118,129,252
4077. <i>A. hebe</i> L.	—	East Azarbaijan, Khorasan	30,415,695
4078. <i>A. villica</i> L.	—	East Azarbaijan, Tehran, Gorgan, Esfahan, Kermanshah	30,118,695
4079. <i>Argina cribraria</i> Cl.	—	Hormozgan	118
4080. <i>Axiopoena maura</i> Eich.	—	East Azarbaijan, Lorestan, Tehran, Balouchestan, Fars, Kermanshah	30,118,695
4081. <i>A. maura maura</i> L.	Tamarisk	Generally distributed	6,129
4082. <i>Celama haronni</i> Wilt.	"	South-eastern provinces	6,129
4083. <i>C. turanica</i> Stgr.	"	" " "	6,129
4084. <i>Cretonotus arabica</i> Hps.	—	Hormozgan	534
4085. <i>C. gangis</i> L.	—	Balouchestan	534
4086. <i>Deiopeia tenuella</i> L.	—	Khorasan, Fars, Tehran, Kermanshah	30
4087. <i>Diacristia urticae</i> Esp.	—	East Azarbaijan	534,695
4088. <i>Diaphora turensis</i> Ersch.	—	Khorasan	415
4089. <i>Endrosa</i> (= <i>Androsa</i> ) <i>roscida</i> Schiff.	—	East Azarbaijan	534,695
4090. <i>Eucharia festiva</i> Hfn.	—	East Azarbaijan, Zanjan	118,695
4091. <i>Euprepia rivularis</i> Men.	—	East Azarbaijan	118,695
4092. <i>Ilema sororcula</i> Hfn.	—	East Azarbaijan, Gilan	118,695
4093. <i>Lacydes semiramis elbursi</i> Dan.	—	East Azarbaijan	118,695
4094. <i>Lithosia</i> (= <i>Oenistis</i> ) <i>quadra</i> (L.)	Oak	East Azarbaijan, Gilan, Mazandaran, Gorgan	6,118, 129, 531, 695

Scientific name	Host	Distribution	Reference no.
4095. <i>Ocnogyna</i> (= <i>Arctia</i> ) <i>loewii</i> (Zell.)	Grapevine and also cereals, lucerne, Chenopodiaceae and Umbelliferae family plants	Generally distributed	6,30,118,128,129, 415,695
4096. <i>Paidia musina</i> Hb.	—	East Azarbaijan	695
4097. <i>Panaxia</i> (= <i>Callimorpha</i> ) <i>quadripunctaria</i> (Poda) Syn.: <i>Arctia hera</i> L., <i>Callimorpha hera</i> L.	Oak, tamarisk	Lorestan, Kermanshah, Fars, Tehran and other northern provinces	6,30,118,129,490, 531,877
4098. <i>P. quadripunctaria magna</i> Sph.	—	Gilan, Mazandaran	531
4099. <i>P. quadripunctaria magna</i>	Tamarisk	Southern provinces	6,129
4100. <i>P.</i> (= <i>Callimorpha</i> ) <i>quadripunctaria splendidon</i> (Tams.)	—	Lorestan, Kordestan, Kermanshah, Fars, Balouchestan	531
4101. <i>Phragmatobia fuliginosa</i> L.	—	East Azarbaijan, Khorasan, Gilan, Mazandaran, Gorgan	118,415,695
4102. <i>P. placida</i> Friv.	—	Tehran	118
4103. <i>Rhyparia purpurata</i> L.	—	"	118
4104. <i>Utetheisa pulchella</i> L.	Sugar-beet	East Azarbaijan, Khorasan, Gilan, Khuzestan, Fars, Tehran	118,119,415,461, 695
4105. <i>U. pulchella</i> form <i>semisignata</i> Spul.	—	Fars, Khuzestan	118

#### FAMILY BOMBYCIDAE

Scientific name	Host	Distribution	Reference no.
4106. <i>Bombyx mori</i> L.	White mulberry	Gilan	118

#### FAMILY BRAHMAEIDAE

Scientific name	Host	Distribution	Reference no.
4107. <i>Brahmaea christophi</i> Stgr.	Ash	Mazandaran and other northern provinces	6,118,129

#### FAMILY CALLIMORPHIDAE

Scientific name	Host	Distribution	Reference no.
4108. <i>Callimorpha dominula</i> L.	—	Tehran	118,490

#### FAMILY CARPOSINIDAE

Scientific name	Host	Distribution	Reference no.
4109. <i>Carposina sasakii</i> Mats. Syn.: <i>Carposina niponensi</i>	Apricot	Tehran	69,128,663

## FAMILY CERURIDAE (= Notodontidae)

Scientific name	Host	Distribution	Reference no.
4110. <i>Ampelophaga rubigenosa</i> B.G.	—	In Iran	534
4111. <i>Cerura</i> (= <i>Dicranura</i> ) <i>bifida</i> (Hb.) Syn.: <i>Harpyia hermelina</i> Goeze	Poplar, willow	Markazi, northern and north-western provinces	6,129,252
4112. <i>C. interrupta</i> Christ.	Poplar	In Iran	129,252
4113. <i>C.</i> (= <i>Dicranura</i> ) <i>vinula</i> (L.)	Willow, poplar and sometimes on grapevine	East Azarbaijan, Tehran, Khorasan, Gilan, Mazandaran, Gorgan, Markazi, Esfahan and western provinces	6,24,27,99, 105, 111, 118, 119, 129, 252, 415, 466, 695
4114. <i>C. vinula intermedia</i> Teich.	Poplar	Markazi, northern and north-western provinces	6
4115. <i>Neoharpyia pulcherrima</i> Brdt.	—	Kordestan	534
4116. <i>Pterostoma palpina</i> L.	Poplar, teil	Gilan, Mazandaran	6,129,531
4117. <i>P. palpina pontica</i> Stgr.	—	Mazandaran, Tehran	118
4118. <i>Sumeria dipotamica</i> Tams.	—	Balouchestan	118

## FAMILY COLEOPHORIDAE

Scientific name	Host	Distribution	Reference no.
4119. <i>Coleophora serratella</i> L. Syn.: <i>Coleophora coracipennella</i>	Horn beam	Northern provinces	6,129

## FAMILY COSMOPTERYGIDAE (= Lavernidae)

Scientific name	Host	Distribution	Reference no.
4120. <i>Batrachedra amydraula</i> Meyr	Date-palm, fan-palm	Kerman, Balouchestan, Kermanshah, Yazd, Fars, Esfahan, Hormozgan, Khuzestan, Tehran and other date-palm planting areas	69,118,128,129, 240,302,303,311, 413
4121. <i>Blastodacna</i> (= <i>Chrysoclista</i> ) <i>atra</i> (Haw.) Syn.: <i>Blastodacna putripennella</i> Zell.	Apple	Khorasan, Tehran	109,128,241,253, 663,788
4122. <i>Pyroderces simplex</i> Wals.	Cotton, corn	Hormozgan, Fars, Khuzestan	109,196,252,652, 754

## FAMILY COSSIDAE (= Zeuzeridae)

Scientific name	Host	Distribution	Reference no.
4123. <i>Blalia vittata persica</i> Wiltsh.	—	Khorasan	415
4124. <i>Catopta cossoides</i> Gras.	—	Balouchestan	534
4125. <i>Cossus</i> (= <i>Trypanus</i> ) <i>cossus</i> (L.) Syn.: <i>Cossus ligniperda</i> L., <i>C. unguiculatus</i> F.	Alder, maple, teil, birch, beech, ash, poplar, willow, oak, elm, grapevine, pear, cherry, apple, peach, walnut, cerasus, quince, garden plum, apricot, plum and wild pear	East Azarbaijan, Kermanshah, Khorasan, Gilan, Mazandaran, Gorgan, Tehran, Semnan, Markazi, Zanjan, Lorestan, Chahar Mahal, Kordestan, Fars, Esfahan, Hamadan and most other areas	6,24,27,118, 129, 186,238,240,241, 252,415,531,662, 663,695,788

Scientific name	Host	Distribution	Reference no.
4126. <i>Cossus fereidun</i> Gr. - Grsh.	Willow	Generally distributed	6,118
4127. <i>Dysspessa salicicola</i> Ev.	—	Gorgan	534
4128. <i>D. ulula</i> Bkh.	Garlic	Hamadan, Caspian Sea area	240,252,358
4129. <i>Holcocerus arenicola</i> Stt.	—	Khorasan, Mazandaran, Tehran	109,415,534
4130. <i>H. gloriosus</i> Ersch.	—	East Azarbaijan, Balouchestan	118,695
4131. <i>H. gloriosus mesopotamica</i> Stgr.	—	Balouchestan	534
4132. <i>Isocerca bipunctata brandti</i> Wilt.	—	Fars	534
4133. <i>Phragmataecia albida</i> Ersch.	—	East Azarbaijan, Khorasan	415,695
4134. <i>P. castaneae</i> Hb. Syn.: <i>Phragmataecia arundinis</i> Hb.	—	East Azarbaijan, Kermanshah	118,490,695
4135. <i>P. territa</i> Stgr.	—	Balouchestan	118
4136. <i>Zeuzera pyrina</i> (L.) Syn.: <i>Hepialus pyrinus</i> L., <i>Noctua aesculi</i> L.	Apple, quince, pear, olive, cherry, garden plum and many other fruit trees, ash, maple, walnut, willow, egyptian willow, elm, oak, poplar, horse chestnut and many other deciduous shade trees	Azarbaijan, Khorasan, Kermanshah, Gilan, Mazandaran, Gorgan, Tehran, Markazi, Hamadan, Chahar Mahal, Kordestan, Fars, Esfahan and most other areas	6,23,24,27,69,109,118,129,238,240,241,252,534,656,663,667,695,788
4137. <i>Z. regia</i> Stgr.	—	Tehran	534

### FAMILY DANAIIDAE

Scientific name	Host	Distribution	Reference no.
4138. <i>Danais chrysopus</i> L. Syn.: <i>Danais chrysippus</i> L.	Mudar	Khuzestan, Kerman, Balouchestan, Tehran, Hormozgan, Fars, Kermanshah	6,118,129,252

### FAMILY DREPANIIDAE

Scientific name	Host	Distribution	Reference no.
4139. <i>Cilix asiatica</i> B. - H.	White-thorn, sloe tree	Tehran and central provinces	6,129
4140. <i>C. depalpata</i> Strd.	" " " "	West Azarbaijan, Tehran, Gilan, Mazandaran and central provinces	6,129,663
4141. <i>C. glaucata</i> Scop.	" " " "	Tehran and central provinces	6,118,129
4142. <i>Drepana binaria</i> Hfn.	Oak, alder, beech	Fars, Kohkilouye, Gorgan and northern provinces	6,118,129,531

### FAMILY ERYCINIDAE

Scientific name	Host	Distribution	Reference no.
4143. <i>Libythea celtis</i> Fuess.	—	Tehran, Caspian Sea area	29,118,490
4144. <i>Zigarites maxima</i> Steph.	—	Kerman	534

## FAMILY ETHMIIDAE

Scientific name	Host	Distribution	Reference no.
4145. <i>Psecadia bipunctella</i> F.	Sugar-beet	East Azarbaijan, Tehran	118,461,695
4146. <i>P. pusiella</i> Rom.	—	Tehran	118

## FAMILY EUPISTIDAE (= Coleophoridae)

Scientific name	Host	Distribution	Reference no.
4147. <i>Eupista hemerobiella</i> Scop. Syn.: <i>Eupista anseripennella</i> Hb.	—	Eastern provinces	109
4148. <i>Parametriotes theae</i> Kouzn.	—	Caspian Sea area	109

## FAMILY GALLERIIDAE

Scientific name	Host	Distribution	Reference no.
4149. <i>Achroia grisella</i> F.	Honeybee comb, bee wax	Kordestan, Lorestan, Kerman, Gilan	111,317,585
4150. <i>Corcyra cephalonica</i> (Staint.)	Rice, grains and sometimes date (in granary)	Mazandaran and other northern provinces	786
4151. <i>Galleria mellonella</i> (L.)	Honeybee comb, bee wax	East Azarbaijan, Caspian Sea area, Gorgan, Tehran, Kordestan, Lorestan, Khuzestan and other southern and central provinces	38,118,240, 252, 585,595,664,775
4152. <i>Lamoria anella</i> Schiff.	—	Balouchestan	534

## FAMILY GELECHIIDAE

Scientific name	Host	Distribution	Reference no.
4153. <i>Anarsia lineatella</i> Zell.	Peach, apricot, plum, garden plum, almond, apple, kaki, white-thorn, medlar, date plum, russian olive, sloe tree	Azarbaijan, Khorasan, Tehran, Zanzan, Markazi, Hamadan, Kordestan, Chahar Mahal, Esfahan, Kermanshah	6,69,128,129,142, 176,188,240,252, 534,556,663,722, 889
4154. <i>Cecidophaga sinaica</i> Fril.	Tamarisk	Generally distributed	6,117,129
4155. <i>Gelechia pistaciae</i> Filip.	Pistachio	Kerman	129,238,758
4156. <i>Phthorimaea</i> (= <i>Scrobipalpa</i> ) <i>heliopa</i> (Low)	—	In Iran	69
4157. <i>P. operculella</i> Zell. Syn.: <i>Phthorimaea solanella</i> Boisd.	Potato and also on tomato, egg plant, tobacco, datura and black nightshade	Fars, Tehran, Boushehr	109,240,324,325, 352,401,555,843, 884
4158. <i>Platyedra</i> (= <i>Pectinophora</i> ) <i>gossypiella</i> (Saund.)	Cotton, kanaf, okra, hollyhock and other Malvaceae family plants	Balouchestan, Hormozgan	109,127,196,240, 252,423,754,889
4159. <i>P. heberata kazaka</i> Tar.	—	Mazandaran	245
4160. <i>P.</i> (= <i>Pectinophora</i> ) <i>malvella</i> (Hb.)	Cotton, hollyhock and other Malvaceae family plants	Kerman, Markazi, Semnan, Tehran, Gorgan	196,240,252,754
4161. <i>P.</i> (= <i>Pectinophora</i> ) <i>vilella</i> (Zell.)	" " " " "	Semnan, Khorasan, Markazi	109,127,252,277, 492,753



Scientific name	Host	Distribution	Reference no.
4162. <i>Recurvaria nanella</i> Hb. Syn.: <i>Recurvaria crataegella</i> Bask.	Apple, apricot, cherry, sour-cherry, plum, garden plum, peach, sloe tree, pear, quince, almond, white-thorn, medlar	East Azarbaijan, Kermanshah, Khorasan, Tehran, Markazi, Kordestan, Hamadan, Kerman, Fars, Esfahan, Zanjan and most other fruit planting areas	6,24,69,128, 129, 241,252,534,663, 695,722,788
4163. <i>Schneidereria</i> (= <i>Recurvaria</i> ) <i>pistaciicola</i> (Danil) Syn.: <i>Schneidereria pistaciella</i> Web. , <i>Telphusa kreutzbergi</i> Geras.	Cultivated and wild pistachio	West Azarbaijan, Khorasan, Semnan, Zanjan , Kerman, Fars, Esfahan and most other pistachio planting areas	69,109,128, 129, 238,240,252,286, 534
4164. <i>Scrobipalpa</i> (= <i>Phthorimaea</i> ) <i>ocellatella</i> (Boyd.) Syn.: <i>Phthorimaea hortico- lella</i> Rost.	Sugar-beet	East Azarbaijan, Kermanshah, Khorasan, Tehran, Zanjan, Fars, Kerman and most other sugar-beet planting areas	25,69,70,109,188, 223,240,252,286, 461,463,464,534, 600,695,754,889
4165. <i>Sitotroga cerealella</i> (Ol.)	Wheat, barley, sorghum, corn (in granary)	Generally distributed	37,104,240, 534, 619,695,775,778, 786
4166. <i>Telphusa pistaciae</i> Satt.	Pistachio	Kerman	6,128,129

### FAMILY GEOMETRIDAE

Scientific name	Host	Distribution	Reference no.
4167. <i>Acidalia beckeraria</i> Led.	—	Khorasan	415
4168. <i>Aglossochloris crucigerata</i> Christ.	—	Tehran	118
4169. <i>A. fulminaria</i> Led.	—	Gorgan	118
4170. <i>Agriopsis bajaran</i> Schr.	Bean caper	Semnan	7
4171. <i>Anaitis plagiata</i> L.	—	East Azarbaijan, Tehran	118,695
4172. <i>Biston betularia</i> L. Syn.: <i>Amphidasis betularius</i> L.	Horn beam, beech	Mazandaran and other northern provinces	6,129,534,877
4173. <i>B.</i> (= <i>Lycia</i> ) <i>hirtarius</i> (Cl.)	Apple, pear, quince, apricot, sour-cherry, willow, oak, poplar, elm, teil, birch and wild pear	Zanjan, Markazi	6,24,27,128,129, 252,663
4174. <i>B. strataria</i> Hfn.	—	Caspian Sea area	118
4175. <i>Boarmia rhomboidaria</i> Schiff. Syn.: <i>Boarmia gemmaria</i> Brah.	—	Gorgan	118,490
4176. <i>B. umbraria</i> Hb.	Egyptian acacia	Kordestan and northern provinces	6,129
4177. <i>Calothyssanis amataria</i> L.	—	Gilan	118,492
4178. <i>Campptogramma bilineata</i> L.	—	East Azarbaijan, Kermanshah	118,695
4179. <i>Chiasma clathrata</i> L.	—	Tehran	118
4180. <i>Chlorissa pulmentaria</i> Gn.	—	Khorasan, Gorgan	118,415
4181. <i>Cidaria fuvata</i> Forst.	—	Tehran	118

Scientific name	Host	Distribution	Reference no.
4182. <i>Cidaria</i> (= <i>Coenotephria</i> ) <i>pistascietii</i> (Wills.)	Pistachio	Fars	6,129
4183. <i>Cosymbia</i> (= <i>Cyclophora</i> ) <i>annulata</i> (Schul.)	Egyptian acacia	Northern provinces	6,129
4184. <i>Eilicrinia cordaria</i> Hb.	Willow	Generally distributed	6,129,534
4185. <i>Ennomas fraxineti</i> Wilt.	Ash	Northern provinces	6,129
4186. <i>E. fuscantaria</i> Steph.	"	Tehran and other northern provinces	6,129,534
4187. <i>E. olivaria</i> Brdt.	Oak	Kermanshah, Kordestan, Fars, Kohki-louye	6,129,531
4188. <i>E. quercia</i> Hfn.	"	Gorgan and northern provinces	6,129,531
4189. <i>Epitherina bahmana</i> Wilt.	Almond, plum, sloe tree	Fars, Tehran, Markazi	6,129
4190. <i>E. ghirshmani</i> Wilt.	" " " "	Fars, Kordestan	6,663
4191. <i>Euchloris prasinaria</i> Ev.	—	East Azarbaijan, Gorgan	118,695
4192. <i>Eupithecia centaureata</i> Schiff.	—	East Azarbaijan, Tehran	534,695
4193. <i>E. quercetica</i> Prout.	Oak	Khorasan	6
4194. <i>Gnopharmia objectaria</i> Stgr.	—	Tehran	118,415
4195. <i>G. palumba</i> Brdt.	<i>Amygdalus spartioides</i>	Zagros mountains	663
4196. <i>Hemistola immaculata</i> Thunb.	—	Gorgan	534
4197. <i>Lithostege flavicornata</i> Zell.	—	Tehran	118
4198. <i>Lythria purpuraria</i> L.	—	East Azarbaijan, Caspian Sea area	118,119
4199. <i>L. purpurata</i> L.	—	East Azarbaijan	118,695
4200. <i>Microbiston turanicus</i> Stgr.	—	Tehran	534
4201. <i>Microloxia herbaria</i> Hb. Syn.: <i>Microloxia bruandaria</i> Mill.	—	Khorasan	415,490
4202. <i>M. herbaria advolata</i> Ev.	—	Gorgan	534
4203. <i>Neognopharmia</i> (= <i>Gnophos</i> ) <i>stevanaria</i> (Bois.)	—	Kordestan	534
4204. <i>Nychiodes obscuraria</i> Vill. Syn.: <i>Nychiodes lividaria</i> Hb.	—	"	118,490
4205. <i>N. rayatica</i> Wilt.	Almond	Azarbaijan	6,129,663
4206. <i>N. variabilis</i> Brdt.	Almond, plum, sloe tree	Fars, Tehran, Markazi, Kermanshah, Kordestan, Lorestan and south-western provinces	6,129,663
4207. <i>Nysia graecarius</i> Stgr.	Almond, apricot, walnut, sour-cherry, russian olive, black poplar, elm	East Azarbaijan, Markazi, Kordestan	129,439,663
4208. <i>Opisthograptis luteolata</i> L. Syn.: <i>Opisthograptis crataegata</i> L.	White-thorn, plum, sloe tree	Fars, Gilan, Mazandaran	6,490, 492, 534, 663

Scientific name	Host	Distribution	Reference no.
4209. <i>Ortosixis cribaria</i> Hb.	—	Mazandaran	534
4210. <i>Oulobophora externata</i> H. - S.	Wild pistachio	Fars, Tehran and western provinces	128,129,252,534,839
4211. <i>Ourapteryx sambucaria</i> L.	—	In Iran	118
4212. <i>Phaselia serrularia</i> Ev.	—	East Azarbaijan	415,695
4213. <i>Rhodometra sacraria</i> L.	—	Khorasan, Tehran, Gorgan	118,415
4214. <i>R. sacraria</i> form <i>atrifasciaria</i> Steph.	—	East Azarbaijan	695
4215. <i>Rhodostrophila auctata</i> Stgr.	—	" "	119
4216. <i>Rhoptria marginata</i> Stgr.	Pistachio	Fars	129,252,839
4217. <i>Scodiomima crocallaria</i> Stgr.	—	Tehran	534
4218. <i>Scopula beckeraria</i> Led.	—	East Azarbaijan, Tehran	118,119,695
4219. <i>S. decorata armeniaca</i> Th. - Mieg.	—	East Azarbaijan	695
4220. <i>S. degeneraria erschoffi</i> Christ.	—	In Iran	415
4221. <i>S. marginepunctata</i> Goeze	—	East Azarbaijan	695
4222. <i>S. ornata</i> Scop.	—	Balouchestan	118
4223. <i>Semiothisa</i> (= <i>Macaria</i> ) <i>aestimaria</i> (Hb.)	Tamarisk	East Azarbaijan , Gorgan, Gilan and other northern, central and southern provinces	6,117, 118, 129, 415,490,695
4224. <i>S. (= Macaria) rippertaria</i> (Dup.)	—	In Iran	415,490
4225. <i>S. (= Macaria) syriacaria</i> (Sygr.)	Screw bean	Southern provinces	6,129,490
4226. <i>S. (= Macaria) syriacaria tenuiata</i> (Stgr.)	—	Hormozgan	490,534
4227. <i>Sterrhia rufaria</i> Hb.	—	Gorgan	534
4228. <i>Synopsia sociaria</i> Hb.	—	Esfahan	118
4229. <i>Tephрина arenacearia</i> Schiff.	—	East Azarbaijan	534,695
4230. <i>T. arenacearia flavidaria</i> Ev.	—	In Iran	415
4231. <i>T. disputata</i> Guen.	Egyptian acacia	Southern provinces	6
4232. <i>Thalera fimbrialis</i> Scop. Syn.: <i>Thalera bupleuraria</i> Schiff.	—	East Azarbaijan, Caspian Sea area	118,119,490,695
4233. <i>Therapis flavicaria</i> Schiff.	—	Gorgan	118
4234. <i>Triphosa sabaudiata</i> Dup.	Ash	Northern provinces	6,129,252
4235. <i>Zamacra flabellaria</i> (Heeg.)	Pistachio, ferula, bean caper	Khorasan, Semnan, Markazi, Zanjan	6,70,128,129,252,794,839

**FAMILY GLYPHIPTERYGIDAE (= Choreutidae)**

Scientific name	Host	Distribution	Reference no.
4236. <i>Anthophila</i> (= <i>Simaethis</i> ) <i>nemorana</i> (Hb.)	Fig	Gilan, Mazandaran, Tehran, Fars, Esfahan	6, 23, 24, 128, 129, 252
4237. <i>A.</i> (= <i>Simaethis</i> ) <i>pariana</i> (Cl.) Syn.: <i>Anthophila parialis</i> Tr.	Apple, pear, willow, wild pear and many other Rosaceae family fruit trees	Azərbayjan, Zanjan, Tehran, Khorasan, Markazi	6, 69, 128, 129, 252, 663, 788

**FAMILY GRACILLARIIDAE (= Lithocolletidae)**

Scientific name	Host	Distribution	Reference no.
4238. <i>Gracillaria rufipennella</i> Hb.	Maple	Northern provinces	6, 129

**FAMILY HELIOZELIDAE**

Scientific name	Host	Distribution	Reference no.
4239. <i>Holocacista rivillei</i> Stain. Syn.: <i>Antispila rivillella</i> Rond., <i>Abucita uvella</i> Vall.	Grapevine	Khorasan, Esfahan, Tehran, Khuzestan	109, 128, 129, 252, 351

**FAMILY HEPIALIDAE**

Scientific name	Host	Distribution	Reference no.
4240. <i>Hepialus humuli</i> L.	—	Mazandaran	118

**FAMILY HESPERIDAE**

Scientific name	Host	Distribution	Reference no.
4241. <i>Adopaea lineola</i> Och.	—	East Azarbaijan	695
4242. <i>A. silvester</i> Billb.	—	" "	119
4243. <i>A. thaumas</i> Hfn.	—	In Iran	118
4244. <i>Augiades sylvanus</i> Esp.	—	" "	118
4245. <i>Carcharodus</i> (= <i>Spilothyrus</i> ) <i>alceae</i> (Led.) Syn.: <i>Carcharodus malvarum</i> Hoff.	Hollyhock, abutilon and other Malvaceae family plants	East Azarbaijan, Khorasan, Tehran, Fars, Khuzestan	29, 118, 119, 252, 415, 490, 695
4246. <i>C.</i> (= <i>Spilothyrus</i> ) <i>althaeae</i> <i>boetica</i> (Rbl.)	Lantern flower	Fars	252, 490
4247. <i>Eogenes alcides</i> H. - S.	—	Mazandaran	118
4248. <i>Erynnis marloyi</i> Bsd.	—	Caspian Sea area	118
4249. <i>Hesperia carthami</i> Hb.	—	East Azarbaijan	695
4250. <i>H. geron</i> Wats	—	Balouchestan	29
4251. <i>H. mabvae</i> L.	—	East Azarbaijan	695
4252. <i>H. phlomidis</i> H. - S.	—	North-western provinces	29

Scientific name	Host	Distribution	Reference no.
4253. <i>Hesperia proto</i> Esp.	—	North-western and north-eastern provinces	29
4254. <i>H. staudingeri</i> Spr.	—	Western and north-western provinces	29
4255. <i>Parnara mathias</i> F.	—	Balouchestan	118
4256. <i>Thanaos marloyi</i> Bdv.	—	North-western provinces	29

### FAMILY HYPONOMEUTIDAE (= Yponomeutidae)

Scientific name	Host	Distribution	Reference no.
4257. <i>Hyponomeuta</i> (= <i>Yponomeuta</i> ) <i>malinellus</i> (Zell.)	Apple and sometimes pear, almond, garden plum, quince and wild pear	East Azarbaijan, Kermanshah, Khorasan, Gilan, Mazandaran, Gorgan, Tehran, Markazi, Semnan, Fars, Esfahan, Lorestan, Kordestan, Hamadan, Zanjan, Balouchestan, Kerman	6,24,69,109, 118, 128,129,142,176, 240,241,252,672, 695,732,788,889
4258. <i>H.</i> (= <i>Yponomeuta</i> ) <i>padellus</i> (L.) Syn.: <i>Hyponomeuta malinella</i> F., <i>H. variabilis</i> Zell.	Plum, garden plum, apricot, apple, almond, pear, quince, sour-cherry, sloe tree, white-thorn, medlar and sometimes on willow	Generally distributed	6,24,69,109, 112, 128,129,176,189, 240,252,534,663, 672,695,722,732, 788
4259. <i>H.</i> (= <i>Yponomeuta</i> ) <i>rorellus</i> (Hb.) Syn.: <i>Hyponomeuta helicella</i> Frey.	Willow	" "	6,109, 129, 240, 534,672,695,732
4260. <i>H. variabilis</i> Zell.	Apple, pear, cherry, sour-cherry, plum, garden plum, apricot, quince, medlar, willow	In Iran	24

### FAMILY LASIOCAMPIDAE

Scientific name	Host	Distribution	Reference no.
4261. <i>Chilena proxima</i> Stgr.	Mudar	Tehran, Kerman, Fars and other southern provinces	6,129,534
4262. <i>C. sordida</i> Ersch.	—	Khorasan, Kerman, Balouchestan	118,415
4263. <i>C. sordida sordida</i> Ersch.	Screw bean	Southern provinces	6,129
4264. <i>Eriogaster amygdali</i> Wilt.	Almond, white-thorn, plum, sloe tree	Fars and other southern and south-western provinces	6,129,663
4265. <i>E. philippsi</i> Bart.	Almond	Zagros mountains and southern and south-western provinces	6,129,663
4266. <i>Lasiocampa eversmanni</i> Ev.	—	East Azarbaijan, Tehran, Lorestan	118,119
4267. <i>L. grandis</i> Rog.	Almond, white-thorn, sloe tree	Kerman, Fars, Lorestan, Kordestan	6,663
4268. <i>Malacosoma castrensis</i> L.	—	East Azarbaijan	695
4269. <i>M. castrensis kirghisica</i> Stgr.	—	" "	118,695
4270. <i>M. neustria</i> L. Syn.: <i>Malacosoma bilineatus</i> Haw.	Pear, apple, cherry, plum, quince, peach, cerasus, malus, walnut, sloe tree, white-thorn, sorb, oak, beech, maple, alder, elm, horn beam, birch, willow, barberry, poplar and wild pear	East Azarbaijan, Tehran, Khorasan, Gilan, Mazandaran, Markazi, Kordestan	6,69,118,119,128, 129,240,241,252, 466,490,788

Scientific name	Host	Distribution	Reference no.
4271. <i>Malacosoma neustria paraetella</i> Stgr.	Apple, pear, quince, plum, apricot, malus, cerasus, white-thorn, maple, bockthorn, willow, alder, horn beam, birch, beech, poplar, oak, berberis, roses, sorb-tree, barberry	Khorasan, Gilan, Mazandaran, Gorgan, Semnan, Tehran, Markazi, Kermanshah, Kordestan	6,118, 129, 252, 663
4272. <i>Pachypasa otus</i> Drury	Pistachio, oak, juniper, <i>Cupressus sempervirens</i> var. <i>cereiformis</i>	Fars, Ilam, Lorestan, Kermanshah and other western provinces	6,69, 118, 128, 129, 252, 531
4273. <i>Phylodesma glasanovi</i> Gr.	Poplar, willow	Markazi, Kordestan, northern and central provinces	6,118, 129
4274. <i>P. tremulifolia</i> Hb.	Oak, birch, ash	Tehran, Mazandaran and other northern provinces	6,129
4275. <i>Taragama alpherakyi</i> Chr.	Mountain almond	Fars, Kordestan	534, 663
4276. <i>T. (=Nadiasa) amygdali</i> (L.)	Christ's thorn	Southern provinces	6,129
4277. <i>T. repandu</i> Hb.	—	Khuzestan	118
4278. <i>T. (= Streblote) siva</i> (Lef.)	Egyptian acacia, mudar, eucalyptus, malus, screw bean, pomegranate, willow, christ's thorn, tamarisk	Balouchestan, Kerman, Kermanshah, Kordestan, Zanjan, East Azarbaijan and other northern and central provinces	6,129, 534, 663
4279. <i>Trichiura pistaciae</i> (Wilt.)	Pistachio	Fars	6,69, 128, 129, 252

## FAMILY LEMONIIDAE

Scientific name	Host	Distribution	Reference no.
4280. <i>Lemonia peilei farsica</i> Wilt.	—	Khuzestan	534

## FAMILY LIPARIDAE (= Lymantriidae)

Scientific name	Host	Distribution	Reference no.
4281. <i>Dasychira pudibunda</i> L.	Beech	Generally distributed	6,129
4282. <i>Nygmia phaeorrhoea</i> (Don.) Syn.: <i>Euproctis chrysorrhoea</i> L.	Apple, pear, cherry, white-thorn and sometimes on oak, maple, poplar, teil, elm, willow, cerasus, birch, medlar, horn beam, sour-cherry and other fruit trees	Caspian Sea area, Tehran, Fars	6,27, 118, 238, 240, 252, 286

## FAMILY LITHOCOLLETIDAE

Scientific name	Host	Distribution	Reference no.
4283. <i>Lithocolletis alnifoliella</i> Dup. Syn.: <i>Lithocolletisalniella</i> Zell.	Alder	Caspian Sea area	6,129, 492
4284. <i>L. (= Phyllonorycter) blanchardella</i> (F.) Syn.: <i>Lithocolletis pomifoliella</i> Zell.	Apple, pear, quince, plum, garden plum, sour-cherry, malus, white-thorn, maple	East Azarbaijan, Khorasan, Tehran, Markazi, Lorestan, Hamadan, Esfahan, Chahar Mahal and probably other fruit planting areas	6,109, 128, 129, 237, 238, 241, 492, 663, 695, 788
4285. <i>L. (= Phyllonorycter) corylifoliella</i> (Haw.) Syn.: <i>Lithocolletis betulae</i> Zell.	Apple, pear, quince, white-thorn, medlar	East Azarbaijan, Tehran, Khorasan, Markazi, Fars, Esfahan	69, 109, 663, 695, 788

Scientific name	Host	Distribution	Reference no.
4286. <i>Lithocolletis faginella</i> Zell.	Beech	Northern provinces	129,161
4287. <i>L. platani</i> Stgr.	Oriental plane	Generally distributed	6,128, 129, 142, 186,188,252,695
4288. <i>L. populi</i> Fil.	Poplar	" "	6,129,252
4289. <i>L. populifoliella</i> Tr.	Poplar,black poplar	" "	6,99,105,129
4290. <i>L. salicicola</i> L. Syn.: <i>Lithocolletis salicicolella</i> Sir.	Willow	" "	6,129,492
4291. <i>L. (= Phyllonorycter) turanica</i> (Geras.)	Apple,quince,pear and sometimes other fruit trees	Khorasan,Tehran,Fars,Esfahan, Chahar Mahal	128,237

### FAMILY LYCAENIDAE (= Cupidinidae)

Scientific name	Host	Distribution	Reference no.
4292. <i>Apharitis epargyros</i> Ev.	—	In Iran	118
4293. <i>Callophrys rubi</i> L.	—	" "	118
4294. <i>C. rubi immaculata</i> Fuch	—	Kordestan	534
4295. <i>Cigaritis acmas</i> Klug	—	East Azarbaijan	119
4296. <i>Everes (= Lycaena) argiades</i> (Pall.)	—	Hormozgan	118,490
4297. <i>E. (= Lycaena) argiades parrhasius</i> (F.)	—	Balouchestan	490,534
4298. <i>Heodes (= Chrysophanus) alciphron</i> (Rott.)	—	East Azarbaijan,Caspian Sea area	118,490,695
4299. <i>H. (= Chrysophanus) dorilis</i> (Hfn.) Syn.: <i>Heodes xanthe</i> F.	—	In Iran	118,490
4300. <i>H. (= Chrysophanus) phlaeas</i> (L.)	—	East Azarbaijan,Mazandaran,Gorgan, Lorestan,Fars,Khuzestan,	118,119,490,695
4301. <i>H. (= Chrysophanus) thersamon</i> (Esp.)	—	East Azarbaijan,Khorasan,Lorestan	118,415,490,695
4302. <i>H. (= Thersamonia) thersamon kurdestanica</i>	—	East Azarbaijan	119
4303. <i>Lycaena (= Lampides) boeticus</i> (L.)	Pea,bean,vetch,lucerne,cllover,cow-pea broad bean	East Azarbaijan, Khorasan, Kermanshah,Tehran,Lorestan,Khuzestan and other southern provinces	118,119,127,142, 188,240,252,415
4304. <i>Lycaenopsis argiolus</i> L.	—	Fars	118
4305. <i>Nordmannia abdominalis</i> Gerh.	Almond,buckthorn,sloe tree	Azarbaijan and south-western provinces	6,129
4306. <i>N. abdominalis gerhardti</i> Riley.	Plum,almond,elaeagnus	Kordestan	663
4307. <i>Plebeius (= Lycaena) loewii</i> (Z.)	—	Gilan	490,534

Scientific name	Host	Distribution	Reference no.
4308. <i>Plebeius</i> (= <i>Lycaena</i> ) <i>loewii bathenfeldi</i> n. ssp.	—	Kohkilouye	490,718
4309. <i>P.</i> (= <i>Lycaena</i> ) <i>loewii grossi</i> n. ssp.	—	Tehran	716
4310. <i>P.</i> (= <i>Lycaena</i> ) <i>loewii hofmanni</i> n. ssp.	—	Fars	490,718
4311. <i>P.</i> (= <i>Lycaena</i> ) <i>medon</i> (Hfn.) Syn.: <i>Plebeius agestis</i> Schiff., <i>P. astrache</i> Berg.	—	East Azarbaijan	118,490
4312. <i>Polyommatus bellargus</i> Rott. Syn.: <i>Polyommatus adonis</i> Hb.	—	East Azarbaijan, Tehran	109,118,119,490
4313. <i>P. coridon</i> Poda	—	East Azarbaijan	695
4314. <i>P. damon</i> Schiff.	—	In Iran	118
4315. <i>P. damone</i> Ev.	—	" "	118
4316. <i>P. icarus</i> Rott.	—	East Azarbaijan, Tehran, Gilan, Mazandaran, Lorestan, Fars	118,119
4317. <i>P. icarus persica</i> Bien.	—	East Azarbaijan, Khorasan	415,695
4318. <i>P. meleager</i> Esp. Syn.: <i>Polyommatus daphnis</i> Berg.	—	East Azarbaijan, Mazandaran	118,695
4319. <i>P. ripartii</i> Frey	—	Mazandaran	118
4320. <i>Strymon</i> (= <i>Thecla</i> ) <i>acaciae</i> (F.)	Plum and other rosaceous stone fruit trees	In Iran	129,252,490
4321. <i>Strymonilicis caudatula</i> Z.	—	East Azarbaijan, Caspian Sea area	118,695
4322. <i>Tarucus balkanicus</i> Frey	Christ's thorn	Hormozgan, Fars, Tehran	118,129
4323. <i>Thecla quercus</i> L.	—	East Azarbaijan	118,695
4324. <i>T. sassanides</i> Koll.	—	Kerman	118
4325. <i>Tomares</i> (= <i>Thestor</i> ) <i>calimachus</i> (Ev.)	—	Caspian Sea area	118,490
4326. <i>Turanana baton</i> Berg.	—	Hormozgan	490,534

## FAMILY LYMANTRIIDAE

Scientific name	Host	Distribution	Reference no.
4327. <i>Euproctis</i> (= <i>Porthesia</i> ) <i>chryso-rorhoea</i> (L.)	Maple, malus, poplar, black poplar, sloe tree, oak, willow, teil, elm, birch, apple, plum, pear, cherry, sour-cherry, white-thorn and wild pear	Hamadan, Zanjan, Markazi, Tehran, Azarbaijan, Mazandaran and other northern provinces	6,24,466,531,663
4328. <i>E.</i> (= <i>Porthesia</i> ) <i>karghalica</i> (Moore)	Maple, buckthorn, elm, teil, almond, white-thorn, apple, pear, plum, apricot, elaeagnus, malus, pistachio, sloe tree and wild pear	Fars, Tehran, Kerman and central provinces	4,6,24, 129, 252, 473,663



Scientific name	Host	Distribution	Reference no.
4329. <i>Euproctis</i> (= <i>Porthesia</i> ) <i>similis</i> (Fuess.) Syn.: <i>Euproctis chrysorrhoea sensu</i> Haw.	Maple, beech, oak	Fars, Gilan and other northern provinces	6,118,129,531
4330. <i>E. susana</i>	—	In Iran	4
4331. <i>Laelia richteri</i> Dan.	—	Balouchestan	118
4332. <i>Leucoma wiltshieri</i> Coll.	Oak	Kermanshah, Azarbaijan, Kordestan, Fars and other southern provinces	4,6,129,238, 467, 531,731,889
4333. <i>Lymantria amabilis</i> Chr.	—	Balouchestan	534
4334. <i>L. destituta</i> Stgr.	Probably on plum	Kerman, Fars, Kordestan	663
4335. <i>L. komarovi</i> Chr.	Egyptian acacia, milk vetch	Fars and other southern and central provinces	4,6,129
4336. <i>L. lapidicola</i> H. - S.	Almond	Lorestan	6
4337. <i>L. lapidicola mardina</i> Stgr.	Almond, plum	Kohkilouye, Fars, Lorestan	129,663
4338. <i>Ocneria audeoudi</i> Bran.	Pistachio	Fars	6,128,129,252
4338/1. <i>O. hispida</i> (Forsk.)	Storage products	Khuzestan	786
4339. <i>O. rubea</i> Schiff.	—	In Iran	490,534
4340. <i>O. signatoria</i> Chr.	Tamarisk	Kerman, Khuzestan	6,129
4341. <i>O. signatoria poenitens</i> Stgr.	"	" "	6,117,118,129
4342. <i>O. terebinthina</i> Stgr.	Cultivated and wild pistachio and sometimes on mountain almond	West Azarbaijan, Khorasan, Tehran, Markazi, Zanjan, Kerman, Kordestan, Fars and south-western provinces	6,69,128,129,252, 286,534,663,719
4343. <i>Ocnerogyia amanda</i> Staud.	Fig	Fars, Balouchestan, Markazi and northern provinces	6,8,37,129,539
4344. <i>Orgyia antiqua</i> L. Syn.: <i>Orgyia recens</i> Hb.	Apple, pear, white-thorn, ash, oak, willow, poplar, roses, birch, maple, teil, beech, ash, malus, pine, spruce	Fars, Tehran, Gilan, Mazandaran and other northern provinces	6,24,252,531
4345. <i>O. dubia</i> Tausch.	Oak, milk vetch	Generally distributed	6,129
4346. <i>O. recens</i> Hb. Syn.: <i>Notholophus antiquus</i> L., <i>Orgyia antiqua</i> L.	Oak, teil, willow, poplar, birch, ash, roses	Tehran and other northern provinces	4,129
4347. <i>Porthesia melania</i> Stgr.	Oak, sloe tree, grapevine, roses, white-thorn	Fars, Esfahan, Kermanshah, Kordestan, Kohkilouye, Tehran	5,531
4348. <i>P. melania melania</i> Stgr.	Oak, plum	East Azarbaijan, Kermanshah, Tehran, Fars, Kohkilouye, Lorestan, Kordestan, Khuzestan, Zagros mountains	6,129,531,663
4349. <i>Porthetria</i> (= <i>Lymantria</i> ) <i>dispar</i> (L.)	Apple, pear, plum, garden plum, quince, grapevine, cherry, apricot, medlar, pine, spruce, monterey pine, loblolly pine, poplar, black poplar, horn beam, oak, honey locust, teil, alder, willow, oriental plane, elm, walnut, cryptomeria, maple, birch, barberry, chestnut, iron tree, mespilus, sloe tree, roses, bastard senna, white-thorn, hazelnut, beech and wild pear	East Azarbaijan, Caspian Sea area, Gorgan, Tehran, Khorasan, Fars, Kohkilouye, Kordestan, Kermanshah	2,6,24,27,112,118, 128,129,240,252, 286,390,404,466, 531,695

Scientific name	Host	Distribution	Reference no.
4350. <i>Stilpnotia</i> (= <i>Liparis</i> ) <i>salicis</i> (L.)	Poplar, willow, sometimes on fruit trees	East Azarbaijan, Tehran, Gilan, Mazandaran, Zanjan, Esfahan	6,27,118,129,252,286,466
4351. <i>Thaumasiania oculiperda</i> Rubs.	Apple	In Iran	252

## FAMILY LYONETIDAE

Scientific name	Host	Distribution	Reference no.
4352. <i>Bucculatrix pomifoliella</i> Clem.	Apple	Khorasan	238,788,793
4353. <i>Leucoptera</i> (= <i>Cemiostoma</i> ) <i>aceris</i> (Fuchs)	Maple	Caspian Sea area	129,252
4354. <i>L. pistaciae</i>	Pistachio	Zanjan	238
4355. <i>L.</i> (= <i>Cemiostoma</i> ) <i>scitella</i> (Zell.) Syn.: <i>Leucoptera malifoliella</i> Costa	Apple, pear, white-thorn, pistachio, sorb-tree, cherry, sourcherry, cornelian cherry, plum, quince, medlar, bramble berry, female cornel, cerasus and many other fruitless trees and shrubs	East and West Azarbaijan, Khorasan, Tehran, Esfahan, Fars, Kerman, Markazi, Gorgan, Semnan and other northern and western provinces and most other fruit planting areas	6,69,70,128,129,178,237,240,241,252,473,589,590,663,695,788,889
4356. <i>Lyonetia clerkella</i> L. Syn.: <i>Lyonetia acreella</i> Tr.	Apple, pear, cherry, sour-cherry, medlar, plum, garden plum, birch, malus, sorb-tree, rockspray, cerasus, sloe tree, mespilus, willow, quince and other Rosaceae family plants	East Azarbaijan, Kermanshah, Khorasan, Tehran, Markazi, Kordestan, Chahar Mahal, Esfahan and most other fruit planting areas	6,24,128,129,176,237,240,241,252,663,695,788,889

## FAMILY NOCTUIDAE

Scientific name	Host	Distribution	Reference no.
4357. <i>Acantholipes circumdata</i>	—	Khorasan	415
4358. <i>A. regularis</i> Hb.	—	East Azarbaijan, Khorasan, Gorgan	415,534,695
4359. <i>Acronycta eleagni</i> Alph.	Russian olive, buckthorn	Northern provinces	6,129
4360. <i>Aedia funesta</i> Esp. Syn.: <i>Aedia leucomeles</i> Hb.	—	Fars	118,490
4361. <i>Aedophron phlebophora</i> Led.	—	Khorasan	415
4362. <i>Aegle koekeritziana</i> Hb.	—	East Azarbaijan	695
4363. <i>A. koekeritziana</i> form <i>subfumata</i> Stgr.	—	" "	534,695
4364. <i>A. subflava</i> Ersch.	—	Khorasan, Gorgan	415,534
4365. <i>Agrochola lychnidis</i> Schiff.	—	East Azarbaijan	695
4366. <i>Agrotis comes</i> Tr. Syn.: <i>Agrotis orbona</i> Hb.	—	Kermanshah	118,490
4367. <i>A. putris</i> L.	—	Mazandaran	118
4368. <i>Aleucanitis cailino</i> Lef.	—	Tehran	118
4369. <i>A. columbina</i> Brdt.	—	Balouchestan	534

Scientific name	Host	Distribution	Reference no.
4370. <i>Aleucanitis flexuosa</i> L.	—	East Azarbaijan, Tehran, Khorasan, Khuzestan	118,119,415,695
4371. <i>Allophyes</i> sp.	White-thorn,plum	Kordestan	663
4372. <i>Amathes</i> (= <i>Agrotis</i> ) <i>c-nigrum</i> (L.)	Grapevine,sugar-beet	East Azarbaijan , Khorasan, Caspian Sea area,Tehran	24, 69, 111, 118, 127,238,415,461, 695
4373. <i>Amphipyra pyramidea</i> L.	Maple , horn beam, hazelnut, ash, white-thorn,poplar,sloe tree,willow, oak,teil,eim,apple	Caspian Sea area,Gorgan, Khorasan, Tehran,Markazi,Fars,Kohkilouye	6,118, 129, 415, 663,788
4374. <i>A. tragopogonis</i> Cl.	Almond,white-thorn	Khorasan, Markazi, Fars, Khuzestan, Hormozgan,Kohkilouye,Kermanshah	6,118,663
4375. <i>Anua</i> (= <i>Minucia</i> ) <i>tirhaca</i> (Cr.) Syn.: <i>Anua tirrhaea</i> Cr.	Pistachio	Balouchestan,Mazandaran,Khuzestan, Fars	6,118, 129, 490, 839
4376. <i>Anumeta asiatica</i> Wilt.	—	Balouchestan,Khuzestan	534
4377. <i>A. atrosignata</i> form <i>spilota</i> Ersch.	—	Khorasan	415
4378. <i>Apamaea prope-obscura</i>	—	East Azarbaijan	695
4379. <i>A. sordens</i> Hfn.	Wheat, barley	" "	345
4380. <i>Apatele</i> (= <i>Acronycta</i> ) <i>aceris</i> L.	Beech,poplar,oak,white-thorn, teil, elm,maple,white mulberry	Khorasan,Gilan,Gorgan,Tehran,Fars, Kordestan and central provinces	6,129,415,663
4381. <i>A.</i> (= <i>Acronycta</i> ) <i>psi</i> (L.)	Quince,almond	Tehran,Markazi,Gorgan	118,663
4382. <i>A.</i> (= <i>Acronycta</i> ) <i>rumicis</i> (L.)	Apple,plum,white-thorn,sloe tree	East Azarbaijan,Tehran,Kermanshah, Gilan,Kordestan,Khuzestan and eastern provinces	6,109, 118, 129, 663,695
4383. <i>Apatila</i> (= <i>Apatile</i> ) <i>centralis</i> (Esch.)	—	East Azarbaijan	695
4384. <i>A.</i> (= <i>Apatile</i> ) <i>megacephala</i> (Schiff.)	—	" "	119,695
4385. <i>Apopestes spectrum</i> Esp.	—	East Azarbaijan,Khorasan,Fars	118,415,695
4386. <i>Archanaera cannae</i> O.	—	East Azarbaijan	534,695
4387. <i>Arcyophora</i> (= <i>Euxesticus</i> ) <i>dentula</i> (Led.)	Pomegranate	Northern provinces	24,129,252
4388. <i>Armada drauti</i> Brdt.	—	Balouchestan	534
4389. <i>A. hueberi</i> Ersch.	—	Khorasan,Gorgan	415,534
4390. <i>A. panaceorum</i> Men.	—	Khorasan	415
4391. <i>Athetis clavipalpis</i> Scop. Syn.: <i>Athetis quadripunctata</i> F., <i>A. cubicularis</i> Schiff.	—	East Azarbaijan,Tehran	118,490,695
4392. <i>Athetmia</i> (= <i>Cirrhoedia</i> ) <i>pallida</i> (Stgr.)	Almond,ash	Azarbaijan and other western provinces	6,129,490,663
4393. <i>Autographa circumflexa</i> L.	Poppy	In Iran	118

Scientific name	Host	Distribution	Reference no.
4394. <i>Autographa</i> (= <i>Phytometra</i> ) <i>gamma</i> (L.)	Sugar-beet,cotton,buckwheat, flax, lucerne, potato, castor-bean, pea, poppy,hemp and other crops	Generally distributed	22,25,69,111,118, 119,127,240,252, 348,415,461,635, 695,753,754,889
4395. <i>Autophila asiatica</i> Stgr.	—	Tehran,Kermanshah,Gorgan	118
4396. <i>A. subfusca</i> Christ.	—	Khorasan	415
4397. <i>Axylia</i> (= <i>Calocampa</i> ) <i>exoleta</i> (L.)	—	Kerman	118,490
4398. <i>Blephasita luciconata</i> H. - S.	—	East Azarbaijan	695
4399. <i>Bryophila maeonis</i> Led.	—	Tehran	118
4400. <i>Callophasia lunula</i> Hfn.	—	East Azarbaijan	119
4401. <i>Calomia virens</i> form <i>immaculata</i> Stgr.	—	Tehran	534
4402. <i>Calymnia communimacula</i> Schiff.	—	East Azarbaijan	695
4403. <i>Caradrina</i> (= <i>Platyperigea</i> ) <i>albina</i> (F.)	—	" "	695
4404. <i>Catephia alchymista</i> Schiff.	Oak	Fars,Kohkilouye	6,118, 129, 252, 531
4405. <i>Catocala electa</i> Bkh.	Willow,poplar	East Azarbaijan,Gilan	27,118,695
4406. <i>C. elocata</i> Esp.	Willow,black poplar	East Azarbaijan, Khorasan, Tehran, Markazi , Kerman and western pro- vinces	6, 118, 129,415, 466,695
4407. <i>C. fraxini</i> L.	Ash,poplar	Gilan,Mazandaran	6,27,118,129
4408. <i>C. lesbia</i> Chr.	Willow,poplar	Generally distributed	6,129,534
4409. <i>C. lupina</i> H. - S.	—	Tehran	534
4410. <i>C. nymphagoga</i> Esp.	Oak	Kermanshah and other western and south-western provinces	6,118,129,531
4411. <i>C. optata</i> God.	—	East Azarbaijan	695
4412. <i>C. optima</i> Stgr.	Poplar	Western provinces	6,129
4413. <i>C. promissa</i> Esp.	Oak,horn beam,chestnut	Caspian Sea area	6,118,129,531
4414. <i>C. puerpera</i> Ginor.	Willow,poplar	East Azarbaijan,Khorasan,Gilan,Ma- zandaran,Tehran,Markazi,Kordestan, Lorestan	6,118, 119, 129, 252,415,466
4415. <i>Chalciope hyppasia</i> Cr.	—	Khuzestan	118
4416. <i>Chariclea delphinii</i> L.	—	Gorgan	118
4417. <i>Cherastis alpestris ponticola</i> Brdt.	—	Mazandaran	534
4418. <i>C. habni</i> Christ.	—	East Azarbaijan	695

Scientific name	Host	Distribution	Reference no.
4419. <i>Chloridea</i> (= <i>Heliothis</i> ) <i>dipsacea</i> (L.) Syn.: <i>Chloridea variplaca</i> Hfn., <i>Heliothis ononis</i>	Corn, flax, soybean, lupine, tobacco, tomato, sugar-beet, cotton, poppy, pea, lucerne, broad bean, kanaf, egg plant and Crucifereae family plants	East Azarbaijan, Kermanshah, Khorasan, Caspian Sea area, Gorgan, Markazi, Fars, Esfahan, Khuzestan, Kerman, Balouchestan	25, 69, 118, 119, 127, 188, 252, 754
4420. <i>Chloridea nubigera</i> H. - S.	Pistachio, sugar-beet	East Azarbaijan, Kerman, Tehran	6, 119, 129, 461, 695
4421. <i>C.</i> (= <i>Heliothis</i> ) <i>peltigera</i> (Schiff.)	Cotton, tobacco, sunflower, safflower, common pea	East Azarbaijan, Kermanshah, Kerman, Khorasan, Gorgan, Tehran, Hormozgan and other southern provinces	22, 25, 118, 119, 127, 252, 262, 277, 346, 415, 642, 695, 753, 754
4422. <i>C. variplaca</i> Hfn. Syn.: <i>Heliothis dipsacea</i> L.	Sugar-beet, common pea	East Azarbaijan, Khorasan, Tehran	111, 346, 415, 461, 695
4423. <i>Chrysodeixis</i> (= <i>Plusia</i> ) <i>chalcites</i> (Esp.)	—	Balouchestan	111, 118
4424. <i>Cirrhia gilvago</i> Schiff.	—	East Azarbaijan	534, 695
4425. <i>Clytie delunaris</i> Stgr.	Tamarisk	Southern provinces	6
4426. <i>C. syriaca</i> Boug.	"	Khorasan, Balouchestan, Kordestan	6, 118, 415
4427. <i>C. terrenta</i> Christ.	"	Southern provinces	6
4428. <i>Conistra vaccinii</i> L.	—	Tehran	534
4429. <i>Cosmia</i> (= <i>Xanthia</i> ) <i>ocellaris</i> Bkh.	Poplar	Northern provinces	6, 490
4430. <i>C.</i> (= <i>Dicycla</i> ) <i>trapezinal</i> (L.) Syn.: <i>Calymnia pyralina</i> Schiff.	Oak, horn beam, apple	Azarbaijan, Gilan, Mazandaran, Gorgan and western provinces	6, 111, 129, 663
4431. <i>Craniophora pontica</i> Stgr.	—	Khorasan	415
4432. <i>Cucullia argentina</i> F.	—	East Azarbaijan, Khorasan, Tehran	118, 415, 695
4433. <i>C. boryphora</i> F. - W.	—	Tehran	118
4434. <i>C. tanaceti</i> Schiff.	—	East Azarbaijan	695
4435. <i>C. tecca</i> Pgl.	—	Khorasan	415
4436. <i>C. verbasci</i> Group.	—	East Azarbaijan	695
4437. <i>C. werdovi</i> Cost.	—	" "	695
4438. <i>Cyrphia</i> (= <i>Bryophila</i> ) <i>muralis</i> (Forst.)	—	Khorasan	415
4439. <i>C. receptricula persica</i> Strd.	—	Khorasan, Tehran	415, 490, 542
4440. <i>Dicestra dianthi</i> Tausch.	—	Khorasan	415
4441. <i>D. mendica</i> Stgr.	—	"	415
4442. <i>D. stigmata</i> Christ.	—	East Azarbaijan	111, 534, 695
4443. <i>D.</i> (= <i>Mamestra</i> ) <i>trifolii</i> (Rott.)	Sugar-beet	East Azarbaijan, Tehran, Gilan, Khorasan	111, 118, 119, 128, 461, 695

Scientific name	Host	Distribution	Reference no.
4444. <i>Dichagyris forficula turana</i> Stgr.	—	Khorasan	415
4445. <i>D. grisescens</i> Stgr.	—	"	415
4446. <i>D. hadjina</i> Stgr.	—	Tehran	534
4447. <i>D. pfeifferi</i> Brdt.	—	"	534
4448. <i>Dichromia opulenta</i> Alph.	—	Khorasan, Mazandaran	415, 534
4449. <i>Dicycla oo</i> L.	Oak	Fars, Kermanshah, Kordestan, Kohkilouye and northern provinces	6, 129, 490, 531
4450. <i>D. oo</i> form <i>sulfurea</i> Stgr.	—	Fars, Kermanshah, Kordestan	490, 531
4451. <i>Dipterygia scabriuscula</i> L. Syn.: <i>Dipterygia pinastri</i> L.	—	Gorgan	118, 490
4452. <i>Drasteria albofasciata</i> John.	—	East Azarbaijan	119
4453. <i>D. (= Aleucanitis) caucasica</i> (Kol.)	—	East Azarbaijan, Khorasan, Tehran	118, 238, 415, 695
4454. <i>D. picta</i> Christ.	—	East Azarbaijan, Khorasan	118, 415, 695
4455. <i>D. roda</i> H. - S.	—	East Azarbaijan	534, 695
4456. <i>Enargia abdula imbutafasciata</i> Warn.	—	Tehran	534
4457. <i>E. imbuta</i> Warn.	—	East Azarbaijan	695
4458. <i>Ephesia (= Catocala) abacta iranica</i> (Brdt.)	Oak	Tehran, Kordestan, Kermanshah, Esfahan, Kohkilouye and south-western provinces	6, 129, 531, 534
4459. <i>E. lusciana</i> Brdt.	"	Fars, Khuzestan, Kordestan, Kermanshah	6, 129, 531
4460. <i>E. nymphaea</i> Esp.	"	East Azarbaijan, Fars	6, 129, 531, 695
4461. <i>Episema lederi</i> Christ.	—	East Azarbaijan, Khorasan	415, 534, 695
4462. <i>Erastria trabealis</i> Scop. Syn.: <i>Erastria sulfuralis</i> L.	—	East Azarbaijan, Khorasan, Tehran	118, 119, 415, 490, 695
4463. <i>Eripsilia transversa</i> Hfn.	—	East Azarbaijan	695
4464. <i>Eucharhia consona</i> F.	—	" "	695
4465. <i>Euclidia glyphica</i> L.	—	" "	695
4466. <i>Eugnorisma insignata</i> Led.	—	Khorasan	415
4467. <i>E. (= Xestia) miniago</i> (Frr.)	Grapevine and also on convolvulus, waybread, liquorice, sunflower, black nightshade, henbane, echinops and hollyhock	Azarbaijan, Tehran	128, 698
4468. <i>Eulocastra tamsi</i> Brdt.	—	Balouchestan	534
4469. <i>Eurois prasina</i> Schiff.	—	Tehran	118
4470. <i>Eustrotia olivana</i> Schiff.	—	East Azarbaijan	695

Scientific name	Host	Distribution	Reference no.
4471. <i>Eutelia adoratrix</i> Stgr.	Pistachio, smoke tree	Balouchestan, Fars, Tehran	69, 118, 128, 129, 252, 839
4472. <i>Euxoa agricola</i> Bsd. Syn.: <i>Agrotis conspicua</i> Hb.	Sugar-beet, common pea	East and West Azarbaijan, Tehran and most other sugar-beet planting areas	17, 119, 461, 534, 695
4473. <i>E. aquilina</i> Schiff.	—	East Azarbaijan	695
4474. <i>E. basigramma</i> Stgr.	—	In Iran	118
4475. <i>E. (= Agrotis) conspicua</i> (Hb.) Syn.: <i>Euxoa agricola</i> Bsd.	Sugar-beet, cabbage, water-melon, tobacco, sunflower, flax, wheat, barley and other crops	Northern and central provinces	252, 754
4476. <i>E. corticea</i> Schiff.	—	Tehran	118
4477. <i>E. forcipula</i> form <i>nigrescens</i> Hfn.	—	Kermanshah	534
4478. <i>E. hastifera</i> Donz.	—	East Azarbaijan, Tehran	118, 695
4479. <i>E. lusipeta</i> Schiff.	—	East Azarbaijan, Kermanshah, Kerman	118, 695
4480. <i>E. prope oranaria</i> B. - H.	—	Balouchestan	534
4481. <i>E. temera</i> Le Cont.	Grapevine, common pea	Tehran, West Azarbaijan	19, 716
4482. <i>E. (= Agrotis) temera leucotera</i> Hb.	—	East Azarbaijan, Khorasan	111, 119, 415
4483. <i>Glaphyra lacernaria</i> Hb.	—	East Azarbaijan	695
4484. <i>Gonospilaria munita</i> F.	—	" "	118, 695
4485. <i>G. munita munita</i> Hb.	—	" "	695
4486. <i>Grammodes (= Parallelia) algira</i> (L.)	—	Gilan, Gorgan, Tehran, Fars, Khuzestan	118
4487. <i>G. (= Parallelia) geometrica</i> (F.)	—	Mazandaran, Gorgan	118
4488. <i>Habrynthis scita</i> Hb.	—	Tehran	490, 534
4489. <i>Hadena (= Parastichtis) basilinea</i> (Schiff.)	Wheat and sometimes on rye, oat and corn	East Azarbaijan, Chahar Mahal	111, 127, 220, 252, 695
4490. <i>H. compta persica</i> Schw.	—	East Azarbaijan	119
4491. <i>H. drenowskyi</i> Group.	—	" "	695
4492. <i>H. (= Euterpia) laudeti</i> (Bsd.)	—	East Azarbaijan, Caspian Sea area	118, 695
4493. <i>H. luteocincta lucida</i> Brdt.	—	East Azarbaijan	119
4494. <i>H. magnolii</i> B.	—	Khorasan	415
4495. <i>H. silens</i> Hb.	—	Tehran	534

Scientific name	Host	Distribution	Reference no.
4496. <i>Haemerosia vassilini</i> A.B.H.	—	East Azarbaijan	695
4497. <i>Helicoverpa</i> (= <i>Heliothis</i> ) <i>armigera</i> (Hb.) Syn.: <i>Leucania obsoleta</i> F., <i>Chloridea obsoleta</i> F.	Cotton,tobacco,tomato, corn,pea,se- same,sorghum,squash,hemp,kanaf, flower of an hour,sugar-beet,okra, hollyhock,verbascum, silk-rose,pista- chio, common mallow, velvet leaf, and other crops	Generally distributed	6,19,69,111, 129, 169,229,252,262, 277,286,346,415, 461,788,889
4498. <i>Heliothis</i> (= <i>Chloridea</i> ) <i>obso- leta</i> (F.) Syn.: <i>Heliothis armigera</i> Hb., <i>H. zea</i> Bod.	Cotton,tobacco,tomato, corn,pea,se- same,sorghum,squash,hamp, poppy, lucerne,cllover, egg plant,kanaf,bean, soybean	" "	22,25, 118, 127, 160,196,240,695, 754,889
4499. <i>H. virescens</i> (Huf.)	Common pea	West Azarbaijan	19
4500. <i>Hoplodrina ambigua</i> Schiff.	—	East Azarbaijan,Khorasan	415,695
4501. <i>Hypoglanctis benenotata</i> Warr.	Tamarisk	Southern provinces	6,129
4502. <i>Leucochlena muscosa</i> Stgr.	—	East Azarbaijan	695
4503. <i>Luperina ferrago</i> Ev.	—	Tehran	534
4504. <i>Lygephila</i> (= <i>Asisticta</i> ) <i>crac- cae</i> (F.)	—	East Azarbaijan	695
4505. <i>Macdunnoughia confusa</i> Steph.	Sugar-beet	Khorasan,Tehran,Fars	461
4506. <i>Mamestra</i> (= <i>Barathra</i> ) <i>bras- sicae</i> (L.) Syn.: <i>Polia oleracea</i> L.	Cabbage and probably other Cruci- fereae family plants and also tobac- co,poppy,cotton, tomato,flax,lettuce, sunflower,sugar-beet and kanaf	Khorasan	69,127
4507. <i>M. dysodea</i> Schiff.	—	East Azarbaijan,Tehran	111,118,695
4508. <i>M. dysodea innocens</i> Stgr.	—	East Azarbaijan,Khorasan	415,534
4509. <i>M.</i> (= <i>Hadena</i> ) <i>oleracea</i> (L.)	Cabbage and other Crucifereae family plants and also cotton , to- mato, tobacco and sugar-beet	East Azarbaijan,Khorasan,Tehran	69, 111, 252,415, 461,695
4510. <i>M. praedita</i> Hb.	—	East Azarbaijan	534,695
4511. <i>M.</i> (= <i>Miselia</i> ) <i>w-latinum</i> (Hfn.)	—	East Azarbaijan,Tehran	118,695
4512. <i>Margelana versicolor</i> Stgr.	—	Khorasan	415
4513. <i>Marsipophora christophi</i> Ersch.	—	Balouchestan	118
4514. <i>Melicleptria scutosa</i> Schiff.	—	East Azarbaijan,Khorasan,Gilan	118,695
4515. <i>Metalopha liturata</i> Christ.	—	Khorasan,Kermanshah	118,415
4516. <i>Metopoceras omar</i> Obth.	—	Gorgan	118
4517. <i>Metoponrhis albirens</i> Christ.	—	Khorasan	415
4518. <i>Minucia bimaculata</i> Osth.	Pistachio	Southern and south-western provinces	6,129,252



Scientific name	Host	Distribution	Reference no.
4519. <i>Minucia bimaculata pulchrior</i> (Wilt.)	Pistachio	Southern provinces	69,128,252,839
4520. <i>M. lunaris</i> Schiff.	—	Caspian Sea area	118
4521. <i>Miselia dissimilis</i> Knock.	—	Tehran	534
4522. <i>M. nebulosa</i> Hfn.	—	Mazandaran	534
4523. <i>Mormo</i> (= <i>Mania</i> ) <i>maura</i> (L.)	—	Hormozgan	111,118
4524. <i>Mormonia mesopotamica</i> Kusn.	Poplar	Fars	6,129,531
4525. <i>M. neonympha</i> Esp.	Oak	Tehran, western and south-western provinces	6,118,129
4526. <i>M. neonympha syriaca</i> Osth.	"	Khorasan, Fars, Kordestan, Kermanshah, Balouchestan	415,531
4527. <i>M. sponsa</i> L.	—	Gilan	531
4528. <i>Mythimna</i> (= <i>Cirphis</i> ) <i>l-album</i> (L.)	—	Khorasan	111,118,415
4529. <i>M.</i> (= <i>Acantholeucania</i> ) <i>loreyi</i> (Dup.)	Corn, sorghum, sugar-beet	Tehran, Gorgan, Khuzestan, West Azarbaijan	111,252,286,461, 534, 632/1, 653, 809
4530. <i>M.</i> (= <i>Leucania</i> ) <i>putrescens</i> (Hb.)	—	East Azarbaijan	534,695
4531. <i>M.</i> (= <i>Leucania</i> ) <i>unipuncta</i> (Haw.) Syn.: <i>Cirphis extranea</i> Haw., <i>Leucania extranea</i> Haw.,	Rice, corn, wall barley, polygonum, bermuda-grass	East Azarbaijan, Khuzestan, Khorasan, Caspian Sea area and central provinces	69,111,118, 127, 135,238,240,368, 415,685,695,809
4532. <i>M.</i> (= <i>Sideritis</i> ) <i>vitellina</i> (Hb.)	—	East Azarbaijan, Khorasan, Gilan, Tehran	118,415,534,695
4533. <i>M.</i> (= <i>Leucania</i> ) <i>zeae</i> (Dup.)	Corn	Gorgan, Khuzestan and probably Khorasan	415,534,809
4534. <i>Naranga aenescens</i> (Moore)	Rice	Gilan, Mazandaran, Gorgan	64,65, 596, 626, 627,647
4535. <i>Noctua orbona</i> Hfn.	—	East Azarbaijan	695
4536. <i>N.</i> (= <i>Agrotis</i> ) <i>pronuba</i> (L.)	Grapevine	East Azarbaijan, Kermanshah, Gilan	111,118,119,127, 238,415
4537. <i>Nonagria typhae</i> Thunb. Syn.: <i>Phragmatiphila arundinis</i> F.	—	In Iran	111,118,695
4538. <i>Nycteola asiatica</i> Krul. Syn.: <i>Sarrothripus revayana</i> Scop.	Poplar, willow	Generally distributed	6,16,99,118, 129, 466
4539. <i>Ochropleura celcicola iranica</i> Schw.	—	East Azarbaijan	119
4540. <i>O. dychagyris gricescens</i> Stgr.	—	" "	119
4541. <i>O. flammatra</i> Schiff.	—	East Azarbaijan, Khorasan, Tehran	118,415,695

Scientific name	Host	Distribution	Reference no.
4542. <i>Ochropleura flavina</i> H. - S.	—	East Azarbaijan, Khuzestan	118,695
4543. <i>O. melanura</i> Koll.	—	Tehran	118
4544. <i>O. serralicornis</i> Stgr.	—	East Azarbaijan	695
4545. <i>O. squalorum</i> Ev.	—	Balouchestan	118
4546. <i>Ogygia hyrcana</i> Brdt.	—	Kermanshah	534
4547. <i>O. nachadira</i> Brdt.	—	Balouchestan	534
4548. <i>O. orientis</i> Stgr.	—	East Azarbaijan	534,695
4549. <i>Oncocnemis erythrospis</i> Brdt.	—	Tehran	534
4550. <i>O. exacta</i> Ch.	—	"	319/1
4551. <i>Oria</i> (= <i>Synia</i> ) <i>musculosa</i> (Hb.)	Wheat, barley, oat, wild oat, ray-grass, phalaris	Kerman, Mazandaran	110,127,128,354
4552. <i>Orthosia</i> (= <i>Monima</i> ) <i>caecimaculata</i> (Schiff.)	—	East Azarbaijan, Tehran, Gilan	111,118
4553. <i>O.</i> (= <i>Monima</i> ) <i>gothica</i> (L.)	Apple and some other pomaceous fruit trees	Gilan, Mazandaran	111,238,663
4554. <i>O.</i> (= <i>Monima</i> ) <i>gracilis</i> (Schiff.)	Apple	Tehran	111,663
4555. <i>O.</i> (= <i>Monima</i> ) <i>incerta</i> (Hfn.) Syn.: <i>Monima instabilis</i> Schiff.	Apple, pear, cherry, white-thorn	East Azarbaijan, Tehran, Markazi	111,238,663,695
4556. <i>Pachyagrotis ankarensis</i> Rbl.	—	East Azarbaijan	695
4557. <i>Pandesma anysa</i> Guen.	—	East Azarbaijan, Lorestan	118,695
4558. <i>Pericyma albidentaria</i> Frr.	—	East Azarbaijan, Khorasan	415,534,695
4559. <i>Peridroma</i> (= <i>Lycophotia</i> ) <i>saucia</i> (Hb.) Syn.: <i>Peridroma margaritosa</i> Haw.	—	East Azarbaijan, Khorasan, Gilan	111,118,415,695
4560. <i>Periphanes delphinii darallesi</i> Obth.	—	Khorasan	415
4561. <i>Phlogophora</i> (= <i>Brotolomia</i> ) <i>meticulosa</i> (L.)	—	East Azarbaijan, Khuzestan	111,118,695
4562. <i>Phytometra confusa</i> Steph. Syn.: <i>Phytometra gutta</i> Guen.	Flax, castor-bean	East Azarbaijan, Kerman	118,252,490,695
4563. <i>P. festucae</i> L.	—	Gilan	118
4564. <i>P. variabilis</i> Pill.	—	East Azarbaijan	695
4565. <i>Plusia bella</i> Christ.	—	East Azarbaijan, Khorasan	415,695
4566. <i>Polymixis carrescens</i> Dup.	—	East Azarbaijan	695
4567. <i>Porphyrinia alba</i> Dup. Syn.: <i>Porphyrinia albida</i> Dup.	—	" "	695

Scientific name	Host	Distribution	Reference no.
4568. <i>Porphyrinia albida</i> Dup. Syn.: <i>Porphyrinia alba</i> Dup.	—	Markazi	118
4569. <i>P. jocularis</i> Ch.	—	East Azarbaijan	695
4570. <i>P. ostrina</i> Hb.	—	Khorasan	415
4571. <i>P. parva</i> Hb.	—	Khorasan, Tehran	118, 415
4572. <i>P. purpurina</i> Schiff.	—	East Azarbaijan	695
4573. <i>P. respersa</i> Hb.	—	Khorasan	415
4574. <i>Predotis</i> (= <i>Grammodes</i> ) <i>stolida</i> (F.)	Oak	East Azarbaijan, Kohkilouye, Fars	6, 118, 129, 531, 695
4575. <i>Pseudophia tyrrhaea</i> Cr. Syn.: <i>Anua tyrrhaea</i> Cr.	Pistachio, sumac, myrtle	Southern provinces	6, 128, 129
4576. <i>Pyrrhia victorina</i> Sodof.	—	East Azarbaijan	119
4577. <i>Raphia cheituna</i> Brdt.	—	Balouchestan	534
4578. <i>Rhodocleptria incarnata</i> Frr.	—	East Azarbaijan, Khorasan, Gorgan	118, 415, 695
4579. <i>Rhyacia arenacea</i> Hmps.	Wheat, barley, sugar-beet	Khorasan, Fars, Semnan	70, 461, 464
4580. <i>R. simulus</i> Hfn.	—	Tehran	118
4581. <i>R. sollers</i> Stgr.	—	"	118
4582. <i>Rhynchodontodes revolutalis</i> Z.	—	Khorasan	415
4583. <i>Scoliopteryx libatrix</i> L.	—	Mazandaran	118
4584. <i>Scotia crassa</i> Hb.	Common pea	West Azarbaijan	17
4585. <i>S.</i> (= <i>Agrotis</i> ) <i>crassa golickeri</i> (Ersch.)	—	Tehran	111, 118, 534
4586. <i>S.</i> (= <i>Agrotis</i> ) <i>exclamationis</i> (L.)	Cotton, sugar-beet, wheat, barley, potato, pine, grapevine and other plants	Generally distributed	69, 70, 111, 118, 129, 238, 240, 252, 415, 461, 695, 754
4587. <i>S.</i> (= <i>Agrotis</i> ) <i>ipsilon</i> (Hfn.) Syn.: <i>Euxoa spinulus</i> Haw., <i>Licophotia ypsilon</i> Rott.	Lettuce, cotton, sugar-beet, cabbage, carrot, radish, tomato, tobacco, kanaf, potato, lucerne, cedar, pine, corn and other cereals	" "	6, 69, 70, 111, 118, 129, 240, 252, 277, 415, 461, 613, 695, 754
4588. <i>S.</i> (= <i>Agrotis</i> ) <i>obesa</i> (Boisd.)	Common pea	East and West Azarbaijan, Khorasan	17, 111, 118, 415, 695
4589. <i>S.</i> (= <i>Agrotis</i> ) <i>segetum</i> (Schiff.) Syn.: <i>Scotia nigricornis</i> Vill., <i>S. pallida</i> Stgr.	Lettuce, cotton, sugar-beet, cabbage, carrot, radish, tomato, potato, citrus, soybean, tobacco, lucerne, kanaf, se- same, olive, corn, wheat and other cereals, cucumber, squash, sunflower, grapevine, pine and other plants	Generally distributed	22, 25, 69, 70, 111, 118, 142, 195, 196, 238, 240, 252, 321, 415, 461, 463, 613, 695, 754, 889
4590. <i>S.</i> (= <i>Agrotis</i> ) <i>spinifera</i> (Hb.)	—	East Azarbaijan, Gilan, Mazandaran	111, 118, 695
4591. <i>Sideritis albipuncta</i> Schiff.	—	Tehran	118
4592. <i>S. obsoleta</i> Hb.	—	Gilan	118

Scientific name	Host	Distribution	Reference no.
4593. <i>Sidermia fissipunctata</i> Haw.	Poplar, willow	Northern provinces	6,129
4594. <i>Simyra albovenosa</i> Goez.	—	East Azarbaijan	695
4595. <i>S. albovenosa centripuncta</i> H. - S.	—	Mazandaran	118
4596. <i>S. argentacea renimaculata</i> Osth.	—	Khorasan	415
4597. <i>S. dentinosa</i> Frr.	—	East Azarbaijan	695
4598. <i>Spaelotis ravidata stabulorum</i> Bien.	—	Tehran	534
4599. <i>Spodoptera</i> (= <i>Caradrina</i> ) <i>exigua</i> (Hb.)	Cotton,sugar-beet,lucerne, potato, tomato,pea,carrot,corn,kanaf, flax, sesame, spinach, egg plant,poppy, sunflower,soybean,common pea,bean, broad bean,lentil,cantaloupe, vetch, onion,tobacco,castor-bean, melon, tea, convolvulus, black-weed, red root,polygonum	Generally distributed	22,25,69, 70, 96, 118,142,195,196, 224,240,252,277, 286,321,368,415, 450,459,460,461, 463,482,687,695, 753,754,889
4600. <i>S. littoralis</i> Bois. Syn.: <i>Prodenia litura</i> F.	Cotton,castor-bean, willow,okra,sun- flower,apple,grapevine,lucerne,com- mon pea,sugar-beet,egg plant,eu- calyptus,tomato,onion, safflower,wa- ter-melon,percile, spinach,radish,red root, sorrel, wild radish, common garden verbea	Esfahan,Gorgan,Fars,Khuzestan and other Persian Golf area and southern provinces	69,111, 118, 127 238,240,252,310, 351,368,461
4601. <i>S.</i> (= <i>Prodenia</i> ) <i>litura</i> (F.)	Eucalyptus, willow, sugar-beet, potato,lucerne,cotton,soybean and vegetables	Fars and other southern and northern provinces	6,111, 129, 196, 286,368,753,754, 889
4602. <i>Stiphrometasia monialis</i> Er.	—	Tehran	534
4603. <i>Subacronycta</i> (= <i>Acronycta</i> ) <i>centralis</i> Ersch. Syn.: <i>Acronycta megacephala</i> form <i>centralis</i>	Poplar,willow	Generally distributed	6,111, 129, 252, 534
4604. <i>Syngrapha circumflexa</i> L.	Sugar-beet	East Azarbaijan, Khorasan, Tehran, Khuzestan and most other sugar-beet planting areas	118,119,415,461
4605. <i>Tathorhynchus exsiccata</i> Led.	—	Khorasan	415
4606. <i>Thalerastris diaphora</i> Stgr.	—	East Azarbaijan	119,695
4607. <i>Theria robusta</i> Walk.	—	Khorasan	415,490
4608. <i>Tholera decimalis</i> Poda Syn.: <i>Epineuronia popularis</i> F., <i>E. lolii</i> Esp.	—	Tehran	111,534
4609. <i>T. popularis</i> F. Syn.: <i>Tholera graminis</i> Hb.	—	"	112,534
4610. <i>Trachea atriplicis</i> L.	—	East Azarbaijan	695
4611. <i>T.</i> (= <i>Acontia</i> ) <i>lucida</i> (Hfn.)	—	East Azarbaijan,Khorasan,Tehran	118,415,695

Scientific name	Host	Distribution	Reference no.
4612. <i>Trachea</i> (= <i>Acontia</i> ) <i>lucida</i> form <i>albicollis</i> (F.)	—	East Azarbaijan, Gorgan	534, 695
4613. <i>T.</i> (= <i>Acontia</i> ) <i>luctuosa</i> (Esp.)	—	East Azarbaijan, Tehran, Gilan	118, 119, 695
4614. <i>T.</i> (= <i>Acontia</i> ) <i>urania</i> (Friv.)	—	East Azarbaijan, Tehran	118, 695
4615. <i>Trichoplusia</i> (= <i>Macdunnoughia</i> ) <i>ni</i> (Hb.)	Potato, lucerne, cotton, sugar-beet, cabbage, poppy, nettle	Khorasan, Tehran, Fars	111, 118, 252, 415, 461, 695
4616. <i>Triphaena</i> <i>janthina</i> Schiff.	—	Tehran	118
4617. <i>Ulochlaena</i> <i>hirta</i> Hb.	—	East Azarbaijan, Khorasan, Fars	118, 415, 695
4618. <i>Xanthodes</i> <i>graellsii</i> Feis.	Cotton	Khuzestan	118, 252, 286, 490, 754
4619. <i>Xylomania</i> <i>conspicillaris</i> L.	—	Tehran	118
4620. <i>Xylomyges</i> <i>anatolica</i> Nes.	—	East Azarbaijan	695
4621. <i>Zethes</i> <i>nemea</i> Brdt.	—	Kermanshah	534

## FAMILY NOTODONTIDAE (= Ceruridae)

Scientific name	Host	Distribution	Reference no.
4622. <i>Exaereta</i> <i>ulmi</i> Schiff.	Oak, elm	Northern provinces	6, 129
4623. <i>Harpyia</i> <i>persica</i> Gaede	Poplar	Markazi, northern and north-western provinces	6, 129
4624. <i>H. pulcherriana</i> Mayr	"	Western provinces	6, 129
4625. <i>H. syra leucotera</i> Stich.	"	Markazi, East Azarbaijan, Tehran, Khorasan and other northern and north-western provinces	6, 99, 118, 129, 415, 466
4626. <i>Hoplitis</i> <i>milhauseri</i> form <i>albida</i> Dan.	Oak, elm	Fars, Kordestan and other western provinces	6, 129, 531
4627. <i>Notodonta</i> <i>chaonia</i> Hb.	Oak, poplar	Northern and north-western provinces	6, 129
4628. <i>N. grummi</i> Chr.	—	Caspian Sea area	118
4629. <i>N. ziczac</i> L.	Poplar	Generally distributed	6, 129
4630. <i>Ochrostigma</i> <i>moayeri</i> Ebert.	Oak	Northern provinces	6, 129
4631. <i>Phalera</i> (= <i>Pygaera</i> ) <i>bucephala</i> (L.)	"	" "	6, 129, 531
4632. <i>P. bucephala persica</i> L.	—	Mazandaran	531
4633. <i>P. bucephaloides</i> O.	—	"	534
4634. <i>Spatalia</i> <i>argentina</i> Schiff.	Oak, wild pear	Kermanshah	6, 118, 129, 531
4635. <i>Stauropus</i> <i>fagi</i> L.	Beech, hazelnut, walnut, oak, teil	Northern provinces	6, 118, 129, 490

## FAMILY NYMPHALIDAE (= Aegyreidae)

Scientific name	Host	Distribution	Reference no.
4636. <i>Apatura iris</i> L.	—	East Azarbaijan	118,695
4637. <i>Argynnis aglaja</i> L.	—	Tehran	118
4638. <i>A. alexandra</i> Men.	—	Caspian Sea area, Tehran and north-western provinces	29,118
4639. <i>A. niobe</i> L.	—	East Azarbaijan	695
4640. <i>A. niobe demavendis</i> n. ssp.	—	Tehran	319
4641. <i>A. niobe khusestana</i> n. ssp.	—	Fars, Khuzestan	319
4642. <i>A. niobe taura</i> Rob.	—	Khorasan, Tehran	118,490
4643. <i>A. pandora</i> L.	—	Tehran	29
4644. <i>A. pandora deserticola</i> n. ssp.	—	Fars, Khuzestan, Hormozgan, Boushehr	319
4645. <i>A. paphia</i> L.	Roses, apple	Gilan, Mazandaran, Tehran	6,29,129,252,663
4646. <i>A. paphia masandaranensis</i> n. ssp.	—	Gilan, Mazandaran	319
4647. <i>Dryas maia</i> Cr. Syn.: <i>Dryas pandora</i> Schiff.	—	East Azarbaijan, Tehran, Kermanshah, Hormozgan, Fars	118,695
4648. <i>Euphydryas aurinia jungei</i> n. ssp.	—	Tehran	319
4649. <i>Eu Vanessa anthiopa</i> L.	—	East Azarbaijan, Gilan	29,118,695
4650. <i>Issoria lathonia</i> L.	—	Khorasan, Gilan, Tehran	118,415
4651. <i>Junonia hierta crebrene</i> Trim.	—	In Iran	118
4652. <i>J. orithya</i> L.	—	Balouchestan, Hormozgan, Khuzestan, Fars	118
4653. <i>Limenitis camilla</i> Schiff. Syn.: <i>Limenitis rivularis</i> Scop.	—	Fars, Mazandaran, Kermanshah	6,118,490
4654. <i>L. reducta</i> Stgr.	Lonicera	In Iran	877
4655. <i>L. reducta mirzayani</i> n. ssp.	—	Fars, Khuzestan	319
4656. <i>L. rivularis</i> Scop.	—	Fars, Mazandaran, Kermanshah	29,534
4657. <i>Melitaea arduinna</i> Esp.	—	Zanjan and north-eastern provinces	29,118
4658. <i>M. casta</i> Koll.	—	North-western provinces	29
4659. <i>M. cinxia</i> L.	—	East Azarbaijan	695
4660. <i>M. cinxia kasyi</i> n. ssp.	—	Fars	319
4661. <i>M. didyma</i> Osh.	Sunflower	East Azarbaijan, Kermanshah, Gilan, Mazandaran, Kerman, Hormozgan and north-western provinces	29,118,119, 252, 695
4662. <i>M. gina elbursicola</i> n. ssp.	—	Tehran	319
4663. <i>M. gina gina</i> Higg.	—	East Azarbaijan	119

Scientific name	Host	Distribution	Reference no.
4664. <i>Melitaea gina safavides</i> n.ssp.	—	Northern provinces	319
4665. <i>M. hafiz</i> Higg.	—	In Iran	319
4666. <i>M. hafiz darius</i> n. ssp.	—	Tehran	319
4667. <i>M. hafiz pfeifferi</i> n. ssp.	—	Mazandaran, (Elburz mountains)	319
4668. <i>M. persa</i> Koll.	—	Fars, Esfahan	645
4669. <i>M. phoebe</i> Knoch.	—	East Azarbaijan	695
4670. <i>M. phoebe abbas</i> n. ssp.	—	Fars, Khuzestan	319
4671. <i>M. sarvistana</i> Wilt.	Milk vetch	Fars, Esfahan	654
4672. <i>M. transcaucasica kendeavana</i> n. ssp.	—	Tehran	319
4673. <i>M. transcaucasica maculata</i> n. ssp.	—	Gorgan	319
4674. <i>M. transcaucasica wernickei</i> n. ssp.	—	Northern provinces	319
4675. <i>M. trivialis</i> Schiff.	—	Fars and northern provinces	29
4676. <i>M. trivialis wyatti</i> n. ssp.	—	Tehran	319
4677. <i>Nymphalis</i> (= <i>Paraponyx</i> ) <i>nymphaeata</i> (L.) Syn.: <i>Nymphalis potamogalis</i> Tr.	—	East Azarbaijan, Gilan	111, 118, 695
4678. <i>N.</i> (= <i>Vanessa</i> ) <i>polychloros</i> (L.)	Willow, elm, poplar, nettle tree, apple, pear, quince, garden plum, cherry, sour-cherry, malus	Tehran, Zanjan, Gilan, Mazandaran, Markazi, Fars, Khuzestan	6, 24, 27, 29, 129, 238, 240, 252, 663
4679. <i>N. polychloros fervida</i> Stdf.	—	Khorasan	415
4680. <i>Polygonia c-album</i> L.	Gooseberry, hop, catberry, nettle	Tehran, Mazandaran and north- eastern provinces	29, 118, 129, 252
4681. <i>P. egea</i> Cr.	Nettle tree, nettle, elm, hemp, hazel- nut	Balouchestan, Tehran and other nor- thern and north-western provinces	6, 29, 118, 129, 252
4682. <i>Thaleropsis ionia</i> Ev.	—	Azarbaijan	118
4683. <i>Vanessa</i> (= <i>Pyrameis</i> ) <i>atalanta</i> (L.)	—	East Azarbaijan, Tehran, Gilan, Mazan- daran, Gorgan	29, 118, 695, 887
4684. <i>V.</i> (= <i>Pyrameis</i> ) <i>cardui</i> (L.)	Tomato, bean, cotton, nettle, mint, soybean, lupine, grapevine, artichoke	East Azarbaijan, Kermanshah, Khoras- an, Tehran, Gilan, Mazandaran, Hama- dan, Ilam, Kordestan, Markazi, Kerman, Hormozgan, Fars	25, 29, 69, 119, 129, 240, 252, 277, 415, 695
4685. <i>V. io</i> L.	Tomato, bean, cotton, nettle, mint, soybean, lupine, grapevine, artichoke and some other vegetables	Gorgan, Mazandaran and other nor- thern provinces	29, 118, 129, 252,
4686. <i>V. urticae</i> L.	Hop, hemp, nettle tree	Northern, southern and south-western provinces	6, 129, 252
4687. <i>V. xanthomelas</i> Esp.	—	Mazandaran	29

## FAMILY OCHSENHEIMERIIDAE

Scientific name	Host	Distribution	Reference no.
4688. <i>Ochsenheimeria taurella</i>	Wheat, barley	Esfahan	548

## FAMILY OINOPHILIDAE (= Oenophilidae)

Scientific name	Host	Distribution	Reference no.
4689. <i>Kermania pistaciella</i> Amsel.	Pistachio	Khorasan, Kerman, Esfahan, Yazd, Markazi, Zanzan and probably other pistachio planting areas	6,128, 129, 394, 534, 558, 598

## FAMILY OLETHREUTIDAE (= Eucosmidae)

Scientific name	Host	Distribution	Reference no.
4690. <i>Argyroploce</i> (= <i>Grapholitha</i> ) <i>pruniana</i> (Hb.) Syn.: <i>Argyroploce herbana</i> Gn., <i>A. rosana</i> Deg.	Apple, pear, garden plum, apricot, sorb, white beam tree	In Iran	109, 128, 129, 252
4691. <i>A.</i> (= <i>Olethreutes</i> ) <i>variegana</i> (Hb.) Syn.: <i>Argyroploce cynosbatella</i> Nilk.	Apple, pear, apricot, willow, oak, birch	Tehran	24, 112, 129, 252
4692. <i>Crociosema plebejana</i> Z. Syn.: <i>Crociosema altheana</i> Mann.	Cotton	Mazandaran	109, 196, 252, 534, 754
4693. <i>Grapholitha</i> (= <i>Opadia</i> ) <i>funebrana</i> (Treit.) Syn.: <i>Grapholitha cerasana</i> Koz.	Plum, garden plum and sometimes on peach, cherry, sour-cherry, apricot, sloe tree, cerasus and many other ston fruit trees	Generally distributed	6, 24, 69, 70, 109, 128, 176, 227, 240, 252, 286, 663, 889
4694. <i>G. janthinana</i> ? Dup. Syn.: <i>Grapholitha lediana</i> Haw., <i>G. incisana</i> H. - S.	White-thorn	Zanzan, Tehran	109, 663
4695. <i>G.</i> (= <i>Laspeyresia</i> ) <i>molesta</i> (Buck.)	Peach, cherry, apple, pear, plum, almond, quince	Almost in all fruit planting areas	128, 238, 240
4696. <i>Gypsonoma aceriana</i> Dup.	Poplar	Generally distributed	6, 105, 109, 129, 466
4697. <i>G. euphraticana</i> Ams.	Sind-poplar	Western provinces	6, 109, 129
4698. <i>G. hapalosarca</i> Mayr	Poplar	Central and north-western provinces	6, 109, 129
4699. <i>Hedya nubiferana</i> Haw.	—	East Azarbaijan	695
4700. <i>Laspeyresia</i> (= <i>Cydia</i> ) <i>fagi-glandana</i> (Zell.) Syn.: <i>Laspeyresia grossana</i> Haw., <i>L. aspidiscana</i> Z.	Oak	Northern provinces	6, 109, 129
4701. <i>L.</i> (= <i>Cydia</i> ) <i>pomonella</i> (L.) Syn.: <i>Laspeyresia pomana</i> F., <i>L. pomonana</i> Den.-Schiff.	Apple, pear, quince and sometimes on apricot, walnut, pomegranate, plum, garden plum, malus, peach, cherry, sour-cherry and wild pear	Generally distributed	6, 23, 24, 49, 69, 70, 109, 118, 128, 129, 176, 177, 189, 238, 240, 241, 252, 286, 322, 663, 670, 671, 695, 722, 726/1, 850, 889



Scientific name	Host	Distribution	Reference no.
4702. <i>Lobesia</i> (= <i>Polychrosis</i> ) <i>botrana</i> (Den.-Schiff.) Syn.: <i>Lobesia reliquana</i> Tr., <i>L. rosmarinana</i> Mill.	Grapevine, sumac, black-bryony, European privet, sea-onion	Generally distributed	6,109, 112, 118, 128, 129, 176, 238, 240, 252, 286, 299, 605, 695, 699, 889
4703. <i>Notocelia suffusana</i> Dup. Syn.: <i>Notocelia trimaculana</i> Haw.	Apple, white-thorn	Northern provinces	109, 129, 252
4704. <i>Rhopobota naevana</i> (Hb.) Syn.: <i>Rhopobota unipunctana</i> Haw.	Holly	Gilan and other northern provinces	6,109, 252
4705. <i>Rhyacionia</i> (= <i>Evertia</i> ) <i>buoliana</i> (Den.-Schiff.) Syn.: <i>Tortrix gemmana</i> Hb., <i>T. xylostena</i> Hb.	Pine	Mazandaran and other northern provinces	3, 6, 109, 129, 554, 798
4706. <i>Spilonota</i> (= <i>Tmetocera</i> ) <i>ocellana</i> (F.) Syn.: <i>Spilonota luscana</i> F., <i>S. comitana</i> Hb.	Apple, cherry, plum, quince, hazelnut, pear, white-thorn	West Azarbaijan, Tehran, Khorasan, Gorgan, Markazi, Kordestan and probably other fruit trees planting areas	109, 112, 128, 238, 663, 788

## FAMILY PAPILIONIDAE

Scientific name	Host	Distribution	Reference no.
4707. <i>Doritis apollinus</i> Hbst.	—	Kermanshah	118
4708. <i>D. apollinus</i> var. <i>amasina</i>	—	Kordestan	28
4709. <i>D. apollinus</i> form <i>krystallina</i> Sch.	—	Kordestan, Kermanshah	534
4710. <i>Hypermnestra helios</i> Nick.	—	Balouchestan	118
4711. <i>Papilio alexanor</i> Esp.	—	Tehran	118
4712. <i>P. demoleus</i> (L.)	Orange, sour-orange, mandarin, lime tree, citron tree, grape fruit, wild olive tree, cedrat tree, sorrel	Balouchestan, Kerman, Fars, Khuzestan	28, 69, 118, 195, 240, 252, 286
4713. <i>P. demoleus demoleus</i> L.	Orange, sour-orange, mandarin, lime tree, limon, citron tree, wild olive tree, grape fruit, cedrat tree, sorrel	Kerman, Fars, Khuzestan, Persian Gulf and Oman Sea areas	28, 69, 128, 253, 255, 263, 801
4714. <i>P. machaon</i> L.	Fennel, cumin, carrot, dill, coriander and other Umbelliferae family plants	East Azarbaijan, Khorasan, Gilan, Mazandaran, Gorgan, Kerman, Fars and other southern, central and western provinces	25, 28, 118, 238, 252, 415, 695
4715. <i>P. machaon</i> var. <i>asiatica</i>	Fennel, cumin, carrot	Fars	28, 252
4716. <i>P. podalirius</i> L.	Apple, pear, plum, cherry, sour-cherry, almond, white-thorn, sorb, sloe tree, malus, cerasus	East Azarbaijan, Kermanshah, Khorasan, Caspian Sea area, Gorgan, Markazi, Hamadan, Fars and central provinces	6, 24, 28, 118, 128, 240, 252, 695
4717. <i>P.</i> (= <i>Iphiclides</i> ) <i>podalirius persica</i> (L.)	Almond, apple, pear, cherry, sour-cherry, plum, garden plum, white-thorn, sorb-tree, sloe tree and wild pear	Generally distributed	6, 24, 129, 415, 663
4718. <i>Parnassius mnemosyne</i> L.	—	Kermanshah, Gilan, Mazandaran	28, 118, 212

Scientific name	Host	Distribution	Reference no.
4719. <i>Parnassius mnemosyne adolphi</i> Bryk	—	Lorestan	212
4720. <i>P. mnemosyne elbursia</i> Eisn.	—	Mazandaran (Elburz mountains)	212
4721. <i>P. mnemosyne farsica</i> O.B.H.	—	Kordestan	212
4722. <i>P. mnemosyne nubilosus</i> Chr.	—	Mazandaran, Zanja, Yazd	28,212,534
4723. <i>P. mnemosyne problematica</i> Bryk	—	In Iran	212
4724. <i>P. mnemosyne taleschensis</i> n. ssp.	—	Gilan	212
4725. <i>Thais cerisyi</i> God.	—	Kermanshah, Kordestan	28,118
4726. <i>T. cerisyi deyrollei</i> Ob.	—	Kordestan	534
4727. <i>T. polyxena</i> Schiff.	—	"	28

#### FAMILY PHALAENIDAE (= Noctuidae)

Scientific name	Host	Distribution	Reference no.
4728. <i>Earias biplaga</i> Walk.	—	Southern provinces	111
4729. <i>E. (= Halias) chlorana</i> (L.) Syn.: <i>Phalaena tortrix chlorana</i> L.	Willow	Generally distributed	6,129
4730. <i>E. insulana</i> Boisd.	Cotton, kanaf, okra, flower of an hour, hollyhock, verbascum, common mallow	Khorasan, Kermanshah, Mazandaran, Gorgan, Theran, Semnan, Kerman, Balouchestan, Khuzestan, Fars and other southern provinces	22,69, 111, 118, 160,196,240,252, 280,286,353,362, 363,385,415,566, 753,754,889
4731. <i>Sesamia cretica</i> Led. Syn.: <i>Sesamia gracilis</i> Rbl.	Corn, sugar-cane, sorghum, tomato, bell-pepper, johnson grass	East Azarbaijan, Caspian Sea area, Fars, Esfahan, Balouchestan, Khuzestan	14,69, 111, 118, 119,127,240,252, 286,518,754
4732. <i>S. inferens</i> Walk.	—	Gorgan	534
4733. <i>S. nonagrioides</i> Lef. Syn.: <i>Sesamia vuteria</i> Stoll, <i>S. hesperica</i> Ramb.	Sugar-cane, sorghum, wheat, barley, rice, corn, barnyard grass, wild oat, ray-grass, johnson grass, quack grass and other wild Gramineae family plants	Khuzestan, Fars	14,15, 111, 127, 167,168,226
4734. <i>S. nonagrioides botanephaga</i> T. B.	Rice, corn, wheat, barley, typha, sorghum, sugar-cane, sudan grass and other cultivated and wild Gramineae family plants	" "	278,281,287

#### FAMILY PHALONIIDAE

Scientific name	Host	Distribution	Reference no.
4735. <i>Euxantis argentalis</i>	—	East Azarbaijan	695

## FAMILY PHYCITIDAE

Scientific name	Host	Distribution	Reference no.
4736. <i>Acrobasis</i> sp. nr. <i>strisquamella</i> Rag.	<i>Ulmus densa</i>	Esfahan	142
4737. <i>Epischnia prodromella</i> Hb.	—	Tehran	491,534
4738. <i>Etiella zinckenella</i> (Tr.)	Castor-bean, soybean, broad bean, common pea, lentil and sometimes on some ornamental and forest plants	Azarbaijan, Tehran, Fars, Hamadan, Balouchestan, Khuzestan, Lorestan	69, 111, 127, 252, 641
4739. <i>Euzophera bigella</i> Zell. Syn.: <i>Euzophera stenoptiche</i> H. - S.	Apple, pear, walnut, malus, pomegranate, fig, quince and some other fruit trees	Generally distributed	6, 69, 70, 111, 128, 129, 176, 191, 238, 240, 534, 590, 646, 663, 669, 674
4740. <i>E. punicaeella</i> Moore Syn.: <i>Spectrobates ceratoniae</i> Zell.	Pomegranate	" "	238, 240, 646
4741. <i>Homoeosoma nebulellum</i> Hb.	Sunflower	East Azarbaijan, Gorgan, Tehran, Fars, Khuzestan	69, 111, 127
4742. <i>Myelois circumdatella</i> Hb.	—	Tehran	110, 534
4743. <i>M. cryptaria</i>	—	East Azarbaijan	695
4744. <i>M. pumicosa</i> Led.	—	Balouchestan	111, 118
4745. <i>Nephopteryx semirubella</i> Scop.	—	East Azarbaijan, Gorgan	118, 695
4746. <i>Phycita samcella</i> Ams.	—	Tehran	111, 534
4747. <i>Salebria</i> (= <i>Arimania</i> ) <i>koma-roffi</i> (Rag.)	Pistachio	Khorasan, Kerman, Esfahan	6, 128, 129, 238, 491, 758
4748. <i>Spectrobates</i> (= <i>Myelois</i> ) <i>ceratoniae</i> (Zell.) Syn.: <i>Myelois phoenicis</i> Durr.	Pomegranate, fig, date-palm (in garden and granary)	Generally distributed	6, 44, 111, 128, 129, 228, 240, 421, 619, 844

## FAMILY PHYLLOCNISTIDAE

Scientific name	Host	Distribution	Reference no.
4749. <i>Phyllocnistis citrella</i> Stain. Syn.: <i>Lithocolletis citricola</i> Swin.	Citrus, grapevine	Khuzestan, Kerman, Mazandaran, Fars, Hormozgan and other southern provinces	69, 128, 238, 252, 253, 286, 392

## FAMILY PIERIDAE (= Ascidae)

Scientific name	Host	Distribution	Reference no.
4750. <i>Anthocharis cardamines</i> L.	—	East Azarbaijan, Mazandaran	118, 695
4751. <i>A. charlonia transcaspica</i> Stgr.	—	Fars, Gorgan	118
4752. <i>A. damone</i> Bsd.	—	In Iran	118
4753. <i>Aporia crataegi</i> L.	Apple, pear, cherry, sour-cherry, plum, garden plum, almond, sorb tree, malus, sloe tree, cerasus, apricot, white-thorn, peach, walnut, quince, medlar and wild pear	Azarbaijan, Kermanshah, Caspian Sea area, Khorasan, Markazi, Kordestan, Khuzestan, Hormozgan and probably other fruit planting areas	6, 24, 28, 118, 128, 129, 240, 252, 663, 695

Scientific name	Host	Distribution	Reference no.
4754. <i>Aporia crataegi pazukii</i> n. ssp.	—	Fars, Khuzestan	319
4755. <i>Belenois mesentina</i> Cr.	—	Ilam, Kermanshah, Khuzestan, Tehran, Fars, Kerman	28, 118
4756. <i>Catopsilia florella</i> F.	—	Fars	118
4757. <i>Colias aurorina</i> H. - S.	—	Kerman, Caspian Sea area and north- western provinces	29, 118
4758. <i>C. aurorina rosei</i> n. ssp.	—	Tehran, Mazandaran	319
4759. <i>C. chrysotheme</i> Esp.	—	In Iran	29
4760. <i>C. croceus</i> Four. Syn.: <i>Colias edusa</i> F.	Lucerne	Kermanshah, Ilam, Lorestan, Fars, Khu- zestan, Tehran, East Azarbaijan and other northern and central provinces	29, 118, 119, 252, 695, 877
4761. <i>C. croceus</i> form <i>helice</i> Hb.	—	East Azarbaijan, Khorasan, Fars	119, 415, 534, 695
4762. <i>C. edusa</i> F.	Lucerne, clover	Tehran and other northern and cen- tral provinces	25, 252
4763. <i>C. erate</i> Esp.	" "	Khorasan and other northern and central provinces	29, 118, 252, 415
4764. <i>C. eurythem</i> L.	Lucerne	In Iran	240
4765. <i>C. hyale</i> L.	Lucerne, clover, pea	Generally distributed	25, 29, 118, 252, 490, 695
4766. <i>C. thisoa</i> Men.	—	North-western provinces	29
4767. <i>Colotis etrida</i> Bsd.	—	In Iran	118
4768. <i>C. eucharis</i> F.	—	Balouchestan	118
4769. <i>C. fausta</i> Ol.	—	Fars, Khuzestan	118
4770. <i>C. phisadia</i> God.	—	Balouchestan, Hormozgan	118
4771. <i>C. phisadia palaestinensis</i> Stgr.	—	Hormozgan	534
4772. <i>C. vestalis nadir</i> n. ssp.	—	Hormozgan, Balouchestan	319
4773. <i>Euchloe ausonia</i> Hb.	—	Fars	118
4774. <i>E. belemia</i> Esp.	—	Fars, Hormozgan, Gorgan, Kermanshah	118
4775. <i>E. charlonia amseli</i> n. ssp.	—	Fars, Hormozgan, Boushehr	319
4776. <i>E. chloridice</i> Hb.	—	Balouchestan	118
4777. <i>E. crameri</i> But.	—	East Azarbaijan	695
4778. <i>Gonepteryx farinosa</i> Zell.	—	East Azarbaijan, Khorasan, Fars, Ker- manshah	29, 118, 415, 695
4779. <i>G. rhamni</i> L.	Buckthorn	East Azarbaijan, Mazandaran and other northern and central provinces	29, 118, 252, 695
4780. <i>Leucochloe</i> (= <i>Synchloe</i> ) <i>dap- lidice</i> (L.)	Cabbage, mustard and other Cru- cifereae family plants	Generally distributed	25, 28, 118, 119, 252, 695

Scientific name	Host	Distribution	Reference no.
4781. <i>Leucochloe glaucomone</i> Klug	—	Balouchestan	118
4782. <i>Metaporja leucodice illumina</i> Gr. - Grsh.	—	In Iran	118
4783. <i>Pieris</i> (= <i>Pontia</i> ) <i>brassicae</i> (L.)	Cabbage, turnip, radish, couliflower, turnip cabbage and many other Crucifereae family plants	Generally distributed	25,28, 118, 127, 240,252,286,415, 695
4784. <i>P. ergane</i> Hb.	—	Kordestan, Yazd and northern provinces	28,118
4785. <i>P. krueperi</i> Stgr.	—	Fars, Kerman	28,118
4786. <i>P. napi</i> (L.)	Cabbage, turnip, radish, mustard and other Crucifereae family plants	Generally distributed	25,28, 118, 119, 252,695
4787. <i>P.</i> (= <i>Pontia</i> ) <i>rapae</i> (L.)	" " " "	" "	25, 28, 118,119, 127,252,286,695
4788. <i>P. rapae iranica</i> Le Cerf.	—	Khorasan	415
4789. <i>Synchloe callidice</i>	—	Yazd and north-western provinces	28
4790. <i>S. callidice chrysidice</i> H. - S.	—	Tehran	534
4791. <i>Teracolus semiramis</i>	—	In Iran	28
4792. <i>Zegris eupheme</i> Esp.	—	East Azarbaijan, Kerman, Hormozgan, Fars	28,118,695

#### FAMILY PLUTELLIDAE

Scientific name	Host	Distribution	Reference no.
4793. <i>Plutella maculipennis</i> Curt. Syn.: <i>Plutella xylostella</i> Schr., <i>P. cruciferarum</i> Zell.	Cabbage, turnip, colza, mustard and wild Crucifereae family plants	East Azarbaijan, Caspian Sea area, Tehran, Fars	25,109, 127, 286, 534,695
4794. <i>Ypsolophus</i> (= <i>Cerostoma</i> ) <i>persicellus</i> (F.) Syn.: <i>Cerostoma persicella</i> F., <i>C. persicelum</i>	Apricot, apple	Tehran, Markazi	69,109,663,722

#### FAMILY PSYCHIDAE

Scientific name	Host	Distribution	Reference no.
4795. <i>Amicta murina</i> Klug	—	East Azarbaijan	119
4796. <i>A. quadrangularis</i> Chr.	Tamarisk	Semnan, Kerman, Balouchestan	6,129,252
4797. <i>A. villosa</i> Brdt.	—	Kerman	117
4798. <i>Amictoides</i> (= <i>Amicta</i> ) <i>shahkuhensis</i> (Heyd.)	—	Khorasan, Tehran	109,415,534
4799. <i>Cochliotheca</i> (= <i>Apterona</i> ) <i>crenulella</i> (Brdt.) Syn.: <i>Apterona helix</i> Sieb., <i>Psyche helix</i> Sieb.	Apple, cherry and other fruit trees and sometimes on wheat, rye, flax and poplar	Esfahan, Tehran, Markazi, Khorasan, Mazandaran and other northern provinces and probably other areas	6,109, 129, 231, 240,252,663,695, 788
4800. <i>C. crenulella</i> var. <i>helix</i> Sieb.	Different fruit trees	Tehran	238

## FAMILY PTEROPHORIDAE

Scientific name	Host	Distribution	Reference no.
4801. <i>Alucita pentadactyla</i>	—	East Azarbaijan	695
4802. <i>Marasmarcha</i> sp.	—	Kermanshah	618
4803. <i>Oxyptilus</i> sp.	—	Tehran	534
4804. <i>Pterophorus monodactylus</i> L.	—	East Azarbaijan	119,695

## FAMILY PYRALIDAE (= Pyralididae)

Scientific name	Host	Distribution	Reference no.
4805. <i>Anania</i> (= <i>Pionea</i> ) <i>verbascalis egentalis</i> Ghr.	—	Gorgan	534
4806. <i>Ancylotomia palpella</i> L.	—	East Azarbaijan	119
4807. <i>A. palpella palpella</i> Den.-Schiff.	—	" "	534,695
4808. <i>A. tentaculella</i> Hb.	—	" "	534,695
4809. <i>A. tripolitella</i> Reb.	—	" "	534,695
4810. <i>Anthophilopsis baptalis</i> Led.	—	East Azarbaijan, Gorgan	534,695
4811. <i>Aporodes floralis</i> Hb.	—	East Azarbaijan, Gorgan, Tehran	119,534,695
4812. <i>Arenipses sabella</i> Hmp.	Date-palm, fan-palm	Yazd, Fars, Esfahan, Mazandaran, Balouchestan, Khuzestan and Persian Gulf ports	6,69,111,118,128,129,238,304,786
4813. <i>Arimania komaroffi</i> Rag.	Pistachio	Kerman, Fars, Esfahan, Yazd	759
4814. <i>Asopia</i> (= <i>Pyralis</i> ) <i>farinalis</i> (L.)	Flour and other storage products	Generally distributed	111,118,534,695,786
4815. <i>Catoclysta lemmata</i> L.	—	East Azarbaijan	695
4816. <i>Chilo christophi</i> Blesz.	—	Caspian Sea area	211
4817. <i>C. lutellus</i> Motsch.	—	East Azarbaijan, Caspian Sea area	211,534,695
4818. <i>C. partellus</i> Swin.	—	Balouchestan	111,534
4819. <i>C. phragmitellus</i> (Hb.)	—	Caspian Sea area	211
4820. <i>C. suppressalis</i> Walk. Syn.: <i>Chilo simplex</i> Bult., <i>Jartheza simplex</i> Bult.	Rice and also on cat's-tail, johnson grass, green foxtail, bermuda-grass and red root	Gilan, Mazandaran, Gorgan	69,111, 211, 238, 240,241,365,420, 471,472,549,593, 594,595,625,712, 831,832,865,889
4821. <i>Chrysocrambus lineatellus</i> F.	—	East Azarbaijan	119,695
4822. <i>C. syriellus</i> Z.	—	Tehran	534
4823. <i>Constantia argentalis</i> Hps.	—	Fars, Balouchestan	534
4824. <i>C. brandti</i> Ams.	—	Tehran	534
4825. <i>Dattinia iranalis</i> Am.	—	East Azarbaijan	695

Scientific name	Host	Distribution	Reference no.
4826. <i>Duponchelia fovealis</i> (Zell.)	Corn	Khuzestan	597
4827. <i>Ephestia</i> (= <i>Cadra</i> ) <i>calidella</i> (Gn.)	Date, fig and other dried fruits	Khuzestan, Kerman	512,786
4828. <i>E. cautella</i> (Walk.) Syn.: <i>Ephestia panicella</i> Barr., <i>E. cahiritella</i> Z.	Dried fruits especially fig, raisin, pistachio, plum and sometimes dried bread	Generally distributed	111,238,252,786
4829. <i>E. elutella</i> (Hb.) Syn.: <i>Ephestia roxburghii</i> Greg., <i>E. unicolorella</i> Strg.	Dried fruits, vegetables, cereal products, cured tobacco, chocolate, nuts (in granary and fabric)	" "	69,70, 111, 252, 419,786
4830. <i>E.</i> (= <i>Cadra</i> ) <i>figulilella</i> Gr.	Date	Khuzestan	276
4831. <i>E.</i> (= <i>Anagasta</i> ) <i>kuehniella</i> (Zell.) Syn.: <i>Ephestia fuscofasciella</i> Rag., <i>E. gitonella</i> Druc.	Cereals, flour and related products, pollen in beehive, pistachio, fig, plum, date, raisin, dried apricot (in granary and fabric)	"	50,70, 111, 197, 240,252,534,695, 775,786,889
4832. <i>Episcorsia repandalis</i> Schiff.	—	Tehran	534
4833. <i>Euchromidis</i> (= <i>Eromene</i> ) <i>ocellus</i> (Haw.)	—	East Azarbaijan	119,695
4834. <i>Hypsopygia costalis</i> F.	—	" "	119,534,695
4835. <i>Lepidogma tamaricalis</i> Mn.	Tamarisk	Generally distributed	6,117,129
4836. <i>Mecyna gibvata</i> F.	—	East Azarbaijan	695
4837. <i>Merulempista cingilella</i> Z.	Tamarisk	Southern provinces	6,117
4838. <i>Plodia interpunctella</i> (Hb.)	Dried fruits, different kinds of grains, seeds, nuts, dead insects, pollen in beehive and many other products (in granary)	Generally distributed	50, 70, 102, 197, 238,240,252,534, 568,695,775,786, 803,889
4839. <i>Porophora albidogivella</i>	Haloxylon	Yazd	797
4840. <i>Proceratia caesariella</i> Rag.	Seidlitzia, saltwort, haloxylon	Khorasan, Markazi, Yazd	70,129,387,797
4841. <i>Schoenobius alpherakii</i> Stgr.	—	East Azarbaijan	534,695
4842. <i>Scirpophaga praelata</i> Scop.	—	East Azarbaijan, Gorgan, Kordestan	534,695
4843. <i>Synaphe provincialis</i> Dup.	—	East Azarbaijan	534,695

## FAMILY PYRAUSTIDAE

Scientific name	Host	Distribution	Reference no.
4844. <i>Antigastra catalaunalis</i> Dup.	Sesame, soybean	Khuzestan, Khorasan, Gorgan	70, 94, 127, 252, 286,386,754
4845. <i>Hellula undalis</i> F. Syn.: <i>Evergestis occidentalis</i> Joan.	Cabbage, radish, turnip cabbage	Kermanshah, Esfahan, Fars	111,127,252,282, 286

Scientific name	Host	Distribution	Reference no.
4846. <i>Hymenia fascialis</i> Z.	—	Tehran	111,534
4847. <i>Loxostege</i> (= <i>Phlyctaenodes</i> ) <i>nudalis</i> (Hb.)	—	Gilan	111,534
4848. <i>Maruca testulalis</i> H. - G.	—	In Iran	111
4849. <i>Nomophila noctuella</i> Schiff.	Lucerne, clover, melilotus, poa and sometimes on willow	East Azarbaijan, Gilan, Mazandaran and other northern provinces	111, 118, 119, 129, 252, 695
4850. <i>Ostrinia</i> (= <i>Pyrausta</i> ) <i>nubilalis</i> (Hb.)	Corn, rice, barley, wheat, cotton, kanaf, sugar-beet, sugar-cane, bell-pepper, willow, poplar, rice, lantern flower, gladiola, chrysanthemum, rye, potato, bean	" " " "	6, 69, 118, 127, 129, 211, 240, 252, 286, 461, 656, 754, 889
4851. <i>Phlyctaenodes ustrinalis</i> Chr.	—	East Azarbaijan	111, 534, 695
4852. <i>Pionea ferrugalis</i> H. - S.	Sugar-beet	Tehran, Fars, West Azarbaijan	69, 111, 461
4853. <i>Pyrausta meridionalis</i> Stgr.	—	Tehran	534
4854. <i>P. persicallis</i> Stgr.	Ash	Fars	6, 129
4855. <i>P. sanguinalis</i> L.	—	East Azarbaijan	534, 695
4856. <i>P. sanguinalis</i> form <i>heanabilis</i> Hb.	—	" "	119
4857. <i>P. virginialis</i> L.	—	" "	119
4858. <i>Tegostoma lepidalis</i> Hb.	—	" "	119
4859. <i>T. moeschleri</i> Chr.	—	" "	119
4860. <i>T. uniforma</i> Ams.	—	" "	119

## FAMILY SATURNIIDAE

Scientific name	Host	Distribution	Reference no.
4861. <i>Neoris huttoni</i> Moore	Wild pear	Mazandaran	6, 118, 129, 663
4862. <i>Saturnia pyri</i> L.	Apple, pear, almond, garden plum, pistachio, white mulberry, sloe tree, birch, willow, poplar, ash and wild pear	Azarbaijan, Caspian Sea area, Tehran, Hamadan, Lorestan, Markazi, Esfahan, Fars, Hormozgan	6, 24, 118, 119, 128, 129, 240, 252, 663, 695, 877

## FAMILY SATYRIDAE

Scientific name	Host	Distribution	Reference no.
4863. <i>Aphantopus hyperantus</i> L.	—	East Azarbaijan	118, 695
4864. <i>Chazara anthe</i> Ochs.	—	Tehran	118
4865. <i>C. anthe</i> form <i>hanifa</i> Nor.	—	Kermanshah	118
4866. <i>C. persephone</i> Hb.	—	Khorasan	415



Scientific name	Host	Distribution	Reference no.
4867. <i>Chazara persephone persephone</i> Hb.	—	East Azarbaijan	119
4868. <i>Coenonympha leander transcaspica</i> n. ssp.	—	In Iran	319
4869. <i>C. leander wagneri</i> n. ssp.	—	Azarbaijan, Gilan	319
4870. <i>C. pamphilus</i> L.	Weeds	East Azarbaijan, Tehran, Khorasan, Mazandaran	118,119,415,695, 877
4871. <i>C. saadi</i> L.	—	Fars, East Azarbaijan and other northern provinces	30,118,119,695
4872. <i>Epinephele jurcina</i> L.	Weeds	East Azarbaijan, Khorasan, Esfahan, Kermanshah	30,118, 119, 415, 695, 877
4873. <i>E. lycaon</i> Rott.	—	East Azarbaijan, Kordestan	27,30,119,695
4874. <i>E. persica</i> Cerf.	—	East Azarbaijan	695
4875. <i>E. telmessia</i> Z.	—	Kermanshah, Fars, Tehran, Mazandaran	118
4876. <i>E. wagneri</i> H. - S.	—	Fars and western provinces	30,118
4877. <i>Erebia ligea</i> L.	—	East Azarbaijan	118,695
4878. <i>Hipparchia fatua</i> Frey.	—	Fars	118
4879. <i>H. (= Satyrus) parisatis</i> (Koll.)	—	Khorasan, Balouchestan, Kermanshah	118,119,415,695
4880. <i>Hyponephele cadusia brandti</i> n. ssp.	—	Fars	319
4881. <i>H. dysdora</i> ? Led.	—	Khorasan	118
4882. <i>H. lupinus</i> Costa	—	Boushehr, Fars, Tehran, Kermanshah	118
4883. <i>H. lupinus centralis</i> Ril.	—	East Azarbaijan, Khorasan	415,695
4884. <i>H. lycaon kambyses</i> n. ssp.	—	Tehran	319
4885. <i>Melanargia evartianae</i> n. sp.	—	Khorasan, Mazandaran, Gorgan	868
4886. <i>M. galathea</i> L.	—	East Azarbaijan	119,695,877
4887. <i>M. hylata</i> Men.	—	East Azarbaijan and north-western provinces	30,695
4888. <i>M. larissa</i> Hb.	—	Fars, Kermanshah	118
4889. <i>M. papygia</i> Gyll.	—	North-western provinces	30
4890. <i>M. russiae</i> Esp.	—	In Iran	867
4891. <i>M. titea teneates</i> Men.	—	" "	118
4892. <i>Meleageria daphnis brandti</i> Pfeiff.	—	Southern slopes of Elburz mountains	717
4893. <i>M. daphnis marcida</i> Led.	—	Northern slopes of Elburz mountains	717

Scientific name	Host	Distribution	Reference no.
4894. <i>Pararge aegeria</i> L.	—	Kermanshah	118,877
4895. <i>P. climene</i> Esp.	—	"	118
4896. <i>P. maera</i> L.	—	East Azarbaijan	695
4897. <i>P. megaera</i> L.	—	Caspian Sea area and north-western provinces	30,118,490
4898. <i>P. menava</i> Moore	—	Caspian Sea area,Khorasan	118,415
4899. <i>P. roxelana</i> Chr.	—	Kermanshah	695
4900. <i>Pseudochazara geyeri</i>	—	East Azarbaijan	695
4901. <i>P. pelopea</i> Klug	—	Caspian Sea area	30,118
4902. <i>Satyrus anthelea</i> Hb.	—	Kordestan	29,30,118
4903. <i>S. bischoffi</i> H. - S.	—	East Azarbaijan,Kordestan	29,118,695
4904. <i>S. briseis</i> L.	—	East Azarbaijan, Tehran, Fars, Kermanshah	30,118,119,695
4905. <i>S. briseis falkneri</i> n. ssp.	—	Tehran	319
4906. <i>S. briseis fergana</i> Stgr.	—	East Azarbaijan,Khorasan	119,415,695
4907. <i>S. briseis hyrcana</i> Stgr.	—	East Azarbaijan,Kermanshah	534,695
4908. <i>S. briseis major</i>	—	Tehran	30
4909. <i>S. briseis persephone</i> Hon.	—	East Azarbaijan	695
4910. <i>S. circe</i> F. Syn.: <i>Satyrus proserpina</i> Schiff.	—	East Azarbaijan, Caspian Sea area and western provinces	30,118, 119, 490, 695
4911. <i>S. cordula</i> F.	—	Caspian Sea area	118
4912. <i>S. daubi</i> n. sp.	—	In Iran	319
4913. <i>S. dryas</i> Scop. Syn.: <i>Satyrus phaedra</i> L.	—	East Azarbaijan	118,490,695
4914. <i>S. fatua klapperichi</i> n. ssp.	—	Tehran	319
4915. <i>S. geyeri savalanicus</i> n. ssp.	—	East Azarbaijan (Sabaln mountain)	319
4916. <i>S. hermione</i> L.	—	Caspian Sea area and north-western provinces	30,118
4917. <i>S. hermione syriaca</i> Stgr.	—	Kermanshah	534
4918. <i>S. iranica</i> Sch.	—	In Iran	319
4919. <i>S. iranica kyros</i> n. ssp.	—	Gorgan	319
4920. <i>S. mniszechii xerxes</i> n. ssp.	—	Elburz mountains	319
4921. <i>S. nana</i> Stgr.	—	In Iran	319
4922. <i>S. parisatis</i> Kol.	—	Khorasan,Tehran,Markazi and western provinces	30

Scientific name	Host	Distribution	Reference no.
4923. <i>Satyrus parisatis ismail</i> n. ssp.	—	Tehran	319
4924. <i>S. parthica</i> Led.	—	Sabalan and Elburz mountains	319
4925. <i>S. persephone pseudohanifa</i> n. ssp.	—	Fars	319
4926. <i>S. pimpla</i> Fldr.	—	Kermanshah	118
4927. <i>S. telephassa</i> Hb.	—	East Azarbaijan , Khorasan, Tehran, Fars,Balouchestan,Boushehr,Khuzestan	29,118,119, 415, 695

### FAMILY SCYTHRIDAE (= Scythrididae)

Scientific name	Host	Distribution	Reference no.
4928. <i>Syringopais</i> (= <i>Scythris</i> ) <i>temperatella</i> (Led.)	Wheat,barley,oat,lucerne, clover,ar- tichoke, mustard, common thistle, melilotus,calendula,common mal- low, carthamus,waybread	Ilam,Chahar Mahal, Fars, Boushehr, Khuzestan, Lorestan, Gilan, Mazan- daran, Khorasan,Kermanshah	69, 95, 107, 109, 118,127,221,252, 286

### FAMILY SPHINGIDAE (= Smerinthidae)

Scientific name	Host	Distribution	Reference no.
4929. <i>Acherontia</i> (= <i>Manduca</i> ) <i>atropos</i> (L.)	Potato,sesame,ash,olive and some Solanaceae family plants and also honey in beehive	East Azarbaijan,Kermanshah,Khoro- san,Zanjan,Markazi,Tehran, Mazan- daran,Esfahan,Fars and other central and northern provinces	6,25,30,38,54,69, 118,127,129,238, 240,252,695,754, 877
4930. <i>A. styx</i> Westw.	—	Khorasan,Khuzestan	118
4931. <i>Agrius convolvuli</i> (L.)	—	Fars	54
4932. <i>Akbesia davidi</i> Obth.	—	Balouchestan	118
4933. <i>A. davidi davidi</i> Obth.	Oak	Fars	6,129
4934. <i>Amorpha populeti</i> Bien.	Poplar , willow and sometimes on ash and birch	Generally distributed	6,129, 252, 466, 695
4935. <i>A.</i> (= <i>Smerinthus</i> ) <i>populi</i> (L.)	Alder, poplar,black poplar,willow, birch,ash	East Azarbaijan,Kermanshah,Khoro- san,Tehran,Gilan, Mazandaran,Gorgan, Markazi,Khuzestan,Fars and probab- ly other fruit trees planting areas	6,27,30, 54, 118, 119,129,415,466, 695
4936. <i>A. populi kindermani</i>	—	East Azarbaijan	695
4937. <i>Berutana kotschyi</i> Koll.	Oak	Kermanshah,Kordestan, Fars,Lorestan, Khuzestan, Tehran,Mazandaran,Kho- rasan	6,118,129,213
4938. <i>Celerio bienerti</i> Stgr.	—	Azarbaijan	118,119,695
4939. <i>C. euphorbiae</i> L.	—	East Azarbaijan,Tehran	30,118,119,695
4940. <i>C. galii</i> Rott.	—	East Azarbaijan	695
4941. <i>C.</i> (= <i>Deilephila</i> ) <i>hippophaes</i> (Esp.)	Buckthorn	East Azarbaijan,Tehran,Khorasan	6,30,129,252,415, 695
4942. <i>C. lineata</i> F.	—	Generally distributed	6,695

Scientific name	Host	Distribution	Reference no.
4943. <i>Celerio</i> (= <i>Deilephila</i> ) <i>lineata livornica</i> (Esp.)	Grapevine , ash, screw bean and sometimes on fruit trees	Generally distributed	30,128,129,252
4944. <i>C. nicaea</i> Prun.	—	East Azarbaijan,Tehran,Kordestan	30,118,119
4945. <i>C. robertsi</i> But.	—	Khorasan,Balouchestan	415,534
4946. <i>Daphnis</i> (= <i>Deilephila</i> ) <i>nerii</i> (L.)	Oleander and some forest trees	Generally distributed	6,30,54,118,129
4947. <i>Deilephila</i> (= <i>Pergesa</i> ) <i>suellus</i> (Stgr.)	—	Fars, Tehran , Mazandaran (Elburz mountains) and other northern provinces	118,213
4948. <i>D. suellus kaschgoulii</i>	—	Fars and other southern provinces	213
4949. <i>Haemorrhagia croatica</i> Esp.	—	Tehran	118
4950. <i>H. fuciformis</i> L.	—	Gorgan	118
4951. <i>Hemaris</i> sp.	—	Tehran	30
4952. <i>Herse convolvuli</i> L.	—	East Azarbaijan, Khorasan, Tehran, Khuzestan	30,118,415,695
4953. <i>Hippotion</i> (= <i>Deilephila</i> ) <i>celerio</i> (L.)	Grapevine	Kordestan, Fars	54,112,118,129
4954. <i>Hyles euphorbiae</i> (L.)	—	Fars	54
4955. <i>H. lineata</i> (F.)	—	"	54
4956. <i>H. nicaea</i> (de Prun.)	—	"	54
4957. <i>Macroglossum stellatarum</i> L.	—	East Azarbaijan,Kermanshah,Khorasan,Tehran,Markazi,Fars	30, 54, 119, 415, 695
4958. <i>Marumba</i> (= <i>Smerinthus</i> ) <i>quercus</i> Schiff.	Oak	Kordestan,Fars,Tehran,Kermanshah	30, 54, 118, 129, 252,531
4959. <i>M.</i> (= <i>Smerinthus</i> ) <i>quercus schirazi</i> (O.B.H.)	"	Kermanshah,Kohkilouye,Fars	6,129,531
4960. <i>Mimas</i> (= <i>Smerinthus</i> ) <i>tiliae</i> (L.)	Maple,elm,teil,alder,birch,oak and sometimes on fruit trees	Khorasan,Gilan,Mazandaran,Tehran and north-western provinces	6,30,118,128,129, 252,531
4961. <i>Pergesa</i> (= <i>Chaerocampa</i> ) <i>elpenor</i> (L.)	Grapevine	Gilan,Mazandaran,Tehran and other northern provinces	112,118,129,213, 238,240,252
4962. <i>P. porcellus</i> L. Syn.: <i>Deilephila porcellio</i> L. <i>Sphinx porcellio</i> L.	—	Tehran	112,118
4963. <i>Proserpinus proserpina</i> Pall.	—	Khorasan,Tehran	118,415
4964. <i>Rethera brandti euteles</i> Jor.	—	Balouchestan,Hormozgan	118
4965. <i>R. komarovi</i> Chr.	—	Tehran, Fars	54,118
4966. <i>R. komarovi magnifica</i> Brdt.	Oak	Fars	6
4967. <i>R. komarovi rjabovi</i> O.B.H.	—	Khorasan	415

Scientific name	Host	Distribution	Reference no.
4968. <i>Smerinthus</i> (= <i>Sphinx</i> ) <i>kin-dermanni</i> (Led.)	Willow, poplar	Khuzestan, Lorestan, Kordestan, Fars, Esfahan, Balouchestan, East Azarbaijan, Khorasan, Tehran, Gorgan, Gilan and other northern provinces	6,30,54, 99, 105, 118,119,129,252, 415
4969. <i>S. ocellatus</i> L.	Poplar, willow, malus, white-thorn, pear, apple and other different kinds of pomaceous fruit trees	Khorasan, Gilan, Kermanshah, Mazandaran, Tehran, Markazi, Kordestan, Khuzestan and probably Azarbaijan, Zanjan, Hamadan and other fruit trees planting areas	6,30,118,129,252, 663
4970. <i>Theretra</i> (= <i>Chaerocampa</i> ) <i>alecto</i> (L.)	Grapevine, virginia creeper	Khuzestan, Tehran, Fars and other areas	6,24,30, 54, 129, 252,351,415
4971. <i>T. alecto cretica</i> Bdv.	—	Khorasan, Tehran, Mazandaran, Gorgan, Khuzestan	30,118,252,695

#### FAMILY STIGMELLIDAE (= Nepticulidae)

Scientific name	Host	Distribution	Reference no.
4972. <i>Stigmella malella</i> Stain.	Apple, pear, medlar, white-thorn	Azarbaijan, Khorasan, Tehran, Markazi, Kordestan and probably other fruit trees planting areas	238,663,788,889
4973. <i>S.</i> (= <i>Nepticula</i> ) <i>promissa</i> (Stgr.)	Pistachio, sumac	Zanjan, Khorasan, Tehran, Fars, Kerman	6, 109, 128, 129, 238,252,286,473

#### FAMILY SYNTOMIDAE

Scientific name	Host	Distribution	Reference no.
4974. <i>Dysauxes hyalina</i> Frey.	—	Tehran	118
4975. <i>Syntomis maracandica</i> Ersch.	—	Balouchestan	534
4976. <i>S.</i> (= <i>Amata</i> ) <i>phegea</i> (L.)	—	East Azarbaijan, Khuzestan	118,695

#### FAMILY SYSSPHINGIDAE

Scientific name	Host	Distribution	Reference no.
4977. <i>Agria tau</i> L.	—	Mazandaran	118

#### FAMILY THAUMETOPOEIDAE

Scientific name	Host	Distribution	Reference no.
4978. <i>Thaumetopoea processionea</i> L.	Pistachio	Zanjan, Semnan, Kerman	111,129,252,473
4979. <i>T. solitaria</i> (Frey.)	Pistachio, almond	Semnan, Tehran, Zanjan, Fars, Kohkilo-uye, Kerman, Esfahan and most other pistachio planting areas	6,111, 128, 129, 240,252,481,534, 663
4980. <i>T. solitaria iranica</i> Ag.	Pistachio	Fars	6,111, 129, 252, 534

## FAMILY THYATIRIDAE (= Cymatophoridae)

Scientific name	Host	Distribution	Reference no.
4981. <i>Epicimelia theresiae</i> Korb.	—	East Azarbaijan	534,695
4982. <i>Palimpsestis ocellaris</i> L. Syn.: <i>Palimpsestis octogesima</i> Hb.	—	Kermanshah	490,534
4983. <i>Tethea caspica</i> n. sp.	—	Caspian Sea area	214
4984. <i>T. osthelderi</i> Byt. - Salz.	—	Tehran and southern slopes of Elburz mountains	118,214
4985. <i>Thyatira hademanni</i> Chr.	—	Mazandaran,Gorgan	490,534

## FAMILY TINEIDAE

Scientific name	Host	Distribution	Reference no.
4986. <i>Haplotinea ditella</i> (P. - D.)	Storage products	Gilan	786
4987. <i>Hapsifera luridella</i> Z.	Wool, hair and different kinds of objects manufactured from these products	Tehran	534
4988. <i>Niditinea fuscipunctella</i> (Haw.)	Cloth and dried fruits	Gilan,Fars	786
4989. <i>Tinea pellionella</i> L.	Wool,hair,feather,upholstered furniture,fur	Generally distributed	50,240,252, 468, 534,695;775,778, 786
4990. <i>Tineola biselliella</i> (Humm.)	Wool,skin,horn and objects manufactured from these products and also plant, insect and other animal collections	" "	50,240,252, 534, 695,775,778,786
4991. <i>Trichophaga tapetzella</i> (L.) Syn.: <i>Trichophaga tapetiella</i>	Wool,hair and different kinds of objects manufactured from these products	" "	252,534,695,775, 778,786

## FAMILY TORTRICIDAE (= Olethreutidae)

Scientific name	Host	Distribution	Reference no.
4992. <i>Acleris variegana</i> Den.-Schiff. Syn.: <i>Acleris abildgaardana</i> F., <i>A. cristana</i> Hb.	Apple	Tehran	109,663
4993. <i>Archips podanus</i> Scop. Syn.: <i>Archips oporana</i> L.	Apple,cherry	Tehran and probably most other fruit planting areas	663
4994. <i>A. (=Cacoecia) rosanus</i> (L.) Syn.: <i>Archips laevigana</i> Den.-Schiff., <i>A. variegana</i> F.	Apple,pear,plum,garden plum,quince,cherry,sour-cherry,peach,apricot,malus,sloe tree,walnut,hazelnut, poplar, elm, roses,ash,famale cornel and wild pear	Azarbaijan,Zanjan,Tehran, Markazi, Khorasan , Kordestan and probably other fruit trees planting areas	6,24,69,109, 128, 129,240,241,252, 534,663,695,788
4995. <i>A. xylosteanus</i> L. Syn.: <i>Archips westriniana</i> Thunb., <i>A. characterana</i> Hb.	Apple,apricot, walnut, ash, black poplar,meadow parsnip	Tehran	69,109,663,722

Scientific name	Host	Distribution	Reference no.
4996. <i>Cacoecia</i> (= <i>Sparganothis</i> ) <i>strigana</i> (Hb.)	Cotton, kanaf, pea, lucerne, hemp, castor-bean	Northern provinces	252
4997. <i>Choristoneura sorbiana</i> Hb. Syn.: <i>Choristoneura hebenstreitella</i> Mull., <i>C. pyrana</i> Vill.	Apple	Tehran and probably other areas	109,128,889
4998. <i>Clepsis</i> (= <i>Siclobola</i> ) <i>strigana</i> (H. - B.) Syn.: <i>Clepsis gnomona</i> Den.-Schiff., <i>C. rhombana</i> Led.	—	In Iran	109
4999. <i>C.</i> (= <i>Siclobola</i> ) <i>unifasciana</i> (Dup.) Syn.: <i>Clepsis productana</i> Zell., <i>C. obliterana</i> H. - S.	Apple	Tehran	109,663
5000. <i>Cnephasia virgaureana</i> Tr. Syn.: <i>Cnephasia asseclana</i> Den.-Schiff., <i>C. interjectana</i> Haw.	—	"	663
5001. <i>Enarmonia formosana</i> Scop. Syn.: <i>Enarmonia woerberiana</i> Den.-Schiff., <i>E. woerberana</i> F.	Apple, pear, quince, cherry and some other Rosaceae family trees	Azərbayjan, Khorasan, Esfahan, Khuzestan, Markazi, Tehran	69,128,238, 240, 491,662,663,788
5002. <i>Erannis bajaria</i> Schiff.	White-thorn, european privet	Azərbayjan , Kordestan and south-western provinces	6,109,122,663
5003. <i>Eulia pavonia</i> L.	—	In Iran	118
5004. <i>Pandemis</i> (= <i>Tortrix</i> ) <i>chondrillana</i> (H.-S.)	Apple, apricot, cotton, willow and other shade and hard wood trees	" "	129,252
5005. <i>P. corylana</i> F. Syn.: <i>Pandemis textana</i> Hb., <i>P. laevigana</i> Charp.	Ash and different fruit trees	Central and northern provinces	6,109,129
5006. <i>P. ribeana</i> Hb. Syn.: <i>Pandemis grossulariana</i> Steph., <i>P. flavana</i> Steph.	Apple, cherry and many other trees and shrubs	East Azərbayjan , Khorasan, Tehran, Markazi and most other fruit trees planting areas	69,109,119, 128, 241,663,788
5007. <i>Sparganothis</i> (= <i>Oenophthira</i> ) <i>pilleriana</i> (Schiff.) Syn.: <i>Sparganothis pillerana</i> F., <i>S. vitana</i> F.	Grapevine	East Azərbayjan, Markazi, Zanjan and most other vineyard areas	109,112,128,129, 238,252,286,695, 889
5008. <i>Tortrix viridana</i> L.	Oak	Fars and south-western provinces	6,129,283

#### FAMILY ZYGAENIDAE (= Anthroceridae)

Scientific name	Host	Distribution	Reference no.
5009. <i>Gagades brandti</i> Alb.	—	Kerman	534
5010. <i>Procris duskei</i> Gr. - Grsh.	—	"	118
5011. <i>P. kermana</i> Alb.	—	"	534
5012. <i>P. obscura</i> Z.	—	Mazandaran	534

Scientific name	Host	Distribution	Reference no.
5013. <i>Zygaena achilleae</i> Esp.	—	Mazandaran	490,534
5014. <i>Z. brandti xerxes</i> Trem.	—	Fars,Esfahan	654
5015. <i>Z. cambysea rosacea</i> Rom.	—	Gilan	118
5016. <i>Z. carniolica</i> Scop.	—	In Iran	490,887
5017. <i>Z. cuvieri</i> Bsd.	—	" "	118
5018. <i>Z. dorycnii</i> O.	—	Mazandaran,Gorgan	118
5019. <i>Z. filipendula</i> Esp.	—	East Azarbaijan	695
5020. <i>Z. fraxini</i> ssp. ?	—	Kermanshah	118
5021. <i>Z. malina</i> Led.	—	Fars	118
5022. <i>Z. malina askarii</i> Term.	—	"	654
5023. <i>Z. malina malina</i> Led.	—	East Azarbaijan,Khorasan	119,415
5024. <i>Z. purpuralis</i> Brun.	—	East Azarbaijan	695
5025. <i>Z. tamara</i> Chr.	—	Fars	118

**ORDER DIPTERA**  
**FAMILY AGROMYZIDAE**

Scientific name	Host	Distribution	Reference no.
5026. <i>Agromyza alnibetulae</i> Hend.	Birch	Mazandaran,Tehran	6
5027. <i>A. (= Domomyza) ambigua</i> (Fall.) Syn.: <i>Domomyza nigripes</i> Zett.	Wheat,barley and other cultivated and wild cereals	Tehran and most of other areas	69,127,240,252
5028. <i>A. (= Melanagromyza) schineri</i> (Gir.)	Willow,poplar	Generally distributed	6,129,252
5029. <i>Cerodontha</i> (s. str.) <i>denticornis</i> (Panz.)	Wheat	Zanjan, Gilan, Mazandaran	672/1
5030. <i>Liriomyza cicerina</i> Rond.	Common pea	West Azarbaijan	18
5031. <i>L. congesta</i> Beck. Syn.: <i>Liriomyza trifolii</i> Burg.	Common pea and sometimes on vetch and celery	Esfahan , Fars , Tehran and other northern provinces	127,240,284
5032. <i>L. trifolii</i> (Burg.)	Cucumber, tomato and weeds	Hormozgan	82
5033. <i>Phytobia</i> sp.	Melon,water-melon	Tehran	69,252

**FAMILY ANTHOMYIIDAE (= Anthomyidae)**

Scientific name	Host	Distribution	Reference no.
5034. <i>Atherigona varia</i> Meig.	Sudan grass	Khuzestan	127



Scientific name	Host	Distribution	Reference no.
5035. <i>Fannia canicularis</i> (L.)	Parasite of rabbit	In Iran	683
5036. <i>Hylemyia</i> (= <i>Chortophila</i> ) <i>antiqua</i> (Meig.)	Onion and sometimes on garlic and leek	Generally distributed	69,127,240,252
5037. <i>H.</i> (= <i>Chortophila</i> ) <i>cilicrura</i> (Rond.) Syn.: <i>Hylemyia platura</i> Meig., <i>Chortophila florilega</i> Zett.	Corn, pea, bean, broad-bean, cabbage, sugar-beet, cotton, cucumber, clover, potato, onion, common pea, turnip, vetch, lentil, cowpea, lucerne	Zanjan, Fars, Boushehr and northern provinces	127,240,252,416,461,754
5038. <i>Pegomyia betae</i> Curt. Syn.: <i>Pegomyia hyoscyami</i> Panz.	Sugar-beet	Khorasan, Kermanshah, Tehran, Esfahan, Fars and most other sugar-beet planting areas	127,463,889
5039. <i>P. hyoscyami</i> (Panz.)	Sugar-beet, spinach	Generally distributed	25,69,85,240,252,286,461,754
5040. <i>Phorbia penicillifera</i> Jermy	Cereals	Chahar Mahal	672/1

#### FAMILY BIBIONIDAE

Scientific name	Host	Distribution	Reference no.
5041. <i>Bibio hortulanus</i> L.	Sugar-beet, potato, wheat and other crops	Generally distributed	69,240,252,461

#### FAMILY BOMBYLIIDAE

Scientific name	Host	Distribution	Reference no.
5042. <i>Anastoechus</i> sp.	Parasite of grasshopper eggs	In Iran	85
5043. <i>Anthrax stictica</i> Klug	Parasite of <i>Dociostaurus maroccanus</i>	Kermanshah, Fars, Tehran, Gorgan and other grasshopper eggs	240,252
5044. <i>Bombylius</i> sp.	Parasite of grasshopper eggs	In Iran	85
5045. <i>Callistoma persica</i> Parm.	Parasite of <i>Dociostaurus maroccanus</i> eggs	Ilam	85
5046. <i>C. soror</i> Loew.	" " " "	"	85
5047. <i>Systoechus</i> sp.	Parasite of grasshopper eggs	"	85
5048. <i>Villa albifacies</i> Macqu.	Parasite of <i>Nyssia graecarius</i>	East Azarbaijan	439,663

#### FAMILY CALLIPHORIDAE

Scientific name	Host	Distribution	Reference no.
5049. <i>Calliphora erythrocephala</i> Meig.	Cheese, jambon, sausage, meat, fish	East Azarbaijan	786
5050. <i>C. vicina</i> R. - D.	Manure	In Iran	683
5051. <i>C. vomitoria</i> L.	Cheese, jambon, sausage, meat, fish	" "	786
5052. <i>Chryzomya albiceps</i> (Wied.)	—	Hormozgan, Kerman	636
5053. <i>C. bezziana</i> Vill.	—	Hormozgan	636
5054. <i>C. megacephala</i> (F.)	—	Hormozgan, Balouchestan	636

Scientific name	Host	Distribution	Reference no.
5055. <i>Chryzomya regalis</i> R. D.	—	Hormozgan, Balouchestan	636
5056. <i>Cosmina arabica</i> R. D.	—	Tehran, Markazi	636
5057. <i>Rhinia apicalis</i> (Wied.)	—	Hormozgan	636
5058. <i>Rhyncomya cyanescens</i> (Loew)	—	East Azarbaijan	636
5059. <i>R. nigripes</i> (Seguy)	—	Hormozgan, Kerman	636
5060. <i>R. speciosa</i> (Loew)	—	East and West Azarbaijan, Hamadan	636
5061. <i>Stomorphina lunata</i> (F.)	Parasite of <i>Schistocerca gregaria</i> , <i>Doclostaurus maroccanus</i> and other grasshoppers	East Azarbaijan, Khorasan, Balouchestan, Lorestan, Khuzestan	85,240,252

### FAMILY CECIDOMYIIDAE (= Cecidomyiidae)

Scientific name	Host	Distribution	Reference no.
5062. <i>Campylomyza praecox</i> Kieff. Syn.: <i>Campylomyza ormerodi</i> Kieff.	Rouge trefoil	Esfahan	13
5063. <i>Cecidomyia testacea</i> L.	Maple	Fars and western provinces	6,129
5064. <i>Contarinia tritici</i> Kirby.	Wheat, barley, rye	Tehran	252
5065. <i>Dasyneura acrophila</i> Winn.	Ash	Northern and central provinces	6,129
5066. <i>D. (= Perrisia) fraxini</i> (Kieff.)	"	Gorgan, northern and central provinces	6,129,252
5067. <i>Dicrodiplosis manihoti</i> Harr.	Parasitoid of <i>Nipaeococcus viridis</i> , <i>Phenacoccus citri</i> and <i>P. ficus</i>	Khuzestan	77
5068. <i>Mikiola fagi</i> Hart.	Beech	Caspian Sea area	6,129
5069. <i>Procontarinia</i> sp.	Common mango	Hormozgan	81
5070. <i>Thomasiniana oculiperda</i> Rubs.	—	In Iran	69

### FAMILY CERATOPOGONIDAE (= Heleidae)

Scientific name	Host	Distribution	Reference no.
5071. <i>Culicoides bulbostylus</i>	—	In Iran	681
5072. <i>C. circumscriptus</i>	—	" "	681
5073. <i>C. dansis</i>	—	" "	681
5074. <i>C. faghihi</i> Nav.	—	Dasht -E- Lut	611
5075. <i>C. flavidus</i>	—	In Iran	681
5076. <i>C. flavisimilis</i>	—	" "	681
5077. <i>C. grisescens</i>	—	" "	681
5078. <i>C. ibericus</i>	—	" "	681

Scientific name	Host	Distribution	Reference no.
5079. <i>Culicoides iranica</i> Nav.	—	Dasht -E- Lut	611
5080. <i>C. kurensis</i>	—	In Iran	681
5081. <i>C. lailae</i> Khal.	—	Dasht -E- Lut	611
5082. <i>C. longipennis</i> Khal.	—	" " "	611,681
5083. <i>C. nagahanai</i>	—	In Iran	681
5084. <i>C. neliophilus</i>	—	" "	681
5085. <i>C. odilitis</i>	—	" "	681
5086. <i>C. pallidicornis</i>	—	" "	681
5087. <i>C. pauidicornis</i>	—	" "	681
5088. <i>C. pictimargo</i>	—	" "	681
5089. <i>C. pictipennis</i>	—	" "	681
5090. <i>C. pulicaris</i> L.	—	Dasht -E- Lut	611,681
5091. <i>C. punctatus</i>	—	In Iran	681
5092. <i>C. puncticillus</i>	—	" "	681
5093. <i>C. riethi</i>	—	" "	681
5094. <i>C. saevus</i>	—	" "	681
5095. <i>C. schuttzei</i> End.	—	Dasht -E- Lut	611,681
5096. <i>C. seifadinei</i> Dzhanf.	—	" " "	611,681
5097. <i>C. similisbaghda</i>	—	In Iran	681
5098. <i>C. subfascipennis</i>	—	" "	681
5099. <i>C. turkmensis</i>	—	" "	681

#### FAMILY CHAMAEMYIIDAE (= Ochthiphilidae)

Scientific name	Host	Distribution	Reference no.
5100. <i>Leucopis palumbi</i> Rond.	Parasite of <i>Geoica utricularia</i>	Fars, Kerman	252
5101. <i>L. puncticornis</i> Meig.	Predator of <i>Dysaphis plantaginea</i> , <i>D. pyri</i> , <i>D. devectora</i> , <i>Pterochloroides persicae</i> and some other aphids	Khorasan, Tehran, Markazi, Hamadan, Zanjan, Lorestan, Kordestan, Esfahan, Yazd, Kerman	665

#### FAMILY CHLOROPIDAE (= Oscinidae)

Scientific name	Host	Distribution	Reference no.
5102. <i>Chlorops</i> (= <i>Oscinis</i> ) <i>pumilionis</i> (Bjer.) Syn.: <i>Chlorops lineola</i> Brulle., <i>C. taeniopus</i> Meig.	Wheat, barley, oat and rarely on rye	Tehran and probably Esfahan and other areas	69,112,127,240
5103. <i>C. taeniopus</i> Meig.	Wheat	Tehran	21

Scientific name	Host	Distribution	Reference no.
5104. <i>Lasiosina cinctipes</i> Mg.	Wheat	Gilan, Khorasan	672/1
5105. <i>Meromyza facialis</i> Fedos.	"	Tehran	672/1
5106. <i>M. saltatrix</i> L. Syn.: <i>Meromyza nigriventris</i> Mac., <i>M. cerealium</i> Reut.	Wheat and other cultivated and wild cereals	Azərbayjan, Caspian Sea area, Tehran	21,69,85,112,127,240
5107. <i>Oscinella alopecuri</i> Mesnil	Wheat	Khorasan, Gilan, Kordestan	672/1
5108. <i>O. (= Oscinosoma) frit</i> (L.)	Wheat, barley, rye, oat, corn and other cultivated and wild cereals	Tehran, Gorgan and probably other areas	69,85, 127, 142, 238,240,252
5109. <i>O. nitidissima</i> (Meg.)	Wheat, barley	Zanjan, Kordestan	672/1
5110. <i>O. pusilla</i> Mg.	Wheat	East Azarbaijan, Zanjan, Gorgan, Markazi	672/1
5111. <i>Thaumatomyia notata</i> Mg.	"	Semnan, Tehran, Khorasan	672/1
5112. <i>T. sulcifrons</i> Beck.	"	Tehran	672/1

## FAMILY CULICIDAE

Scientific name	Host	Distribution	Reference no.
5113. <i>Aedes cspusai</i> Pall.	—	Dasht -E- Lut	611
5114. <i>Anopheles algeriensis</i>	—	In Iran	68,681,784
5115. <i>A. apoci</i>	—	" "	68,784
5116. <i>A. arabica</i>	—	" "	681
5117. <i>A. claviger</i>	—	" "	68,681,784
5118. <i>A. culicifacies</i>	—	Balouchestan	68,505,681,784
5119. <i>A. culicifacies adenensis</i>	—	In Iran	68,784
5120. <i>A. culicifacies culicifacies</i>	—	" "	784
5121. <i>A. dthali</i> Patt.	—	Kermanshah, Hamadan, Esfahan, Yazd, Markazi, Khuzestan, Boushehr, Hormozgan, Balouchestan, Kerman, Khorasan, Fars	68,488, 489, 503, 504,505,681,784
5122. <i>A. fluviatilis</i>	—	Kermanshah, Khuzestan, Fars, Kerman, Balouchestan	68,234, 503, 505, 681,784
5123. <i>A. hyrcanus</i>	—	In Iran	68,681
5124. <i>A. hyrcanus hyrcanus</i>	—	" "	784
5125. <i>A. hyrcanus nigerrimus</i>	—	" "	784
5126. <i>A. hyrcanus pseudopictus</i>	—	" "	784
5127. <i>A. maculipennis</i> Meig.	Parasite of human and vector of <i>Plasmodium</i> sp.	West Azarbaijan, Khorasan, Gilan, Mazandaran, Gorgan, Esfahan	68,204,232, 505, 784
5128. <i>A. maculipennis maculipennis</i>	—	In Iran	681
5129. <i>A. marteri</i>	—	" "	681

Scientific name	Host	Distribution	Reference no.
5130. <i>Anopheles marteri marteri</i>	—	In Iran	784
5131. <i>A. marteri sogdianus</i>	—	" "	784
5132. <i>A. moghulensis</i>	—	" "	68,784
5133. <i>A. multicolor</i> Camb.	Parasite of human	Generally distributed	68,232,681,784
5134. <i>A. plumbeus</i>	—	In Iran	68,784
5135. <i>A. pulcherrimus</i>	—	" "	68,681,784
5136. <i>A. sacharovi</i>	—	Chahar Mahal,Azarbaijan	68,505,681,784
5137. <i>A. sergenti</i>	—	Fars	68,489,681,784
5138. <i>A. sogdianus</i>	—	In Iran	681
5139. <i>A. stephensi</i> (List.)	Parasite of human	Kermanshah, Khuzestan, Fars, Hormozgan,Balouchestan and other southern provinces	68,232,233, 235, 488,503,505,681, 784,878
5140. <i>A. stephensi mysorensis</i>	—	Southern provinces	503
5141. <i>A. subpictus</i>	—	In Iran	68,787
5142. <i>A. superpictus</i>	—	Khorasan, Fars and other southern provinces	68,232,488, 489, 503,505,681,784
5143. <i>A. turkhudi</i>	—	Fars	68,489,681,784
5144. <i>Culex fatigans</i>	—	Southern provinces	497
5145. <i>C. pipiens</i> L.	Parasite of human	Tehran and other northern provinces	497,608,778
5146. <i>C. theileri</i> Theo.	" " "	Tehran	608
5147. <i>C. triataeniorhynchus</i>	—	Generally distributed	497
5148. <i>C. univittatus</i>	—	" "	497

### FAMILY DIAPRIIDAE

Scientific name	Host	Distribution	Reference no.
5149. <i>Trichoporia inermis</i> Kieff.	Hyperparasite of <i>Linneamyia neavi</i>	Khuzestan	653

### FAMILY DROSOPHILIDAE

Scientific name	Host	Distribution	Reference no.
5150. <i>Drosophila melanogaster</i> (Meig.) Syn.: <i>Drosophila fasciata</i>	Decaying fruits and vegetables, fruit sap,vinegar,wine, cane,garbage and other food materials	Generally distributed	252,778,786

### FAMILY EPHYDRIDAE (= Hydrellidae)

Scientific name	Host	Distribution	Reference no.
5151. <i>Clanoneurum menozii</i> (Seguy)	Sugar-beet	Fars,Tehran	69,461
5152. <i>Ephydra afghanica</i> Dahl.	Rice	Esfahan, Fars	152,153,154

Scientific name	Host	Distribution	Reference no.
5153. <i>Ephydra</i> sp. nr. <i>riparia</i> Fall.	Rice	In Iran	85

#### FAMILY GASTEROPHILIDAE (= Gastrophilidae)

Scientific name	Host	Distribution	Reference no.
5154. <i>Gasterophilus haemorrhoidalis</i> (L.)	Parasite of horse	In Iran	683
5155. <i>G. intestinalis</i> (Deg.)	Parasite of horse, mule and ass	" "	71,683
5156. <i>G. nasalis</i> (L.)	Parasite of horse	" "	683

#### FAMILY HYPODERMATIDAE

Scientific name	Host	Distribution	Reference no.
5157. <i>Hypoderma bovis</i> (L.)	Parasite of cattle	In Iran	71,240,683
5158. <i>H. diana</i> Brau.	Parasite of gazelle	" "	681
5159. <i>H. lineatum</i> (Vill.)	Parasite of sheep, goat, and cattle	" "	71,683
5160. <i>H. ovis</i> Deg.	Parasite of sheep and goat	" "	71

#### FAMILY HYPOBOSCIDAE

Scientific name	Host	Distribution	Reference no.
5161. <i>Hypobosca longipennis</i>	Parasite of dog and cat	In Iran	71
5162. <i>Lipoptena cervi</i> (L.)	Parasite of wild animals	" "	681
5163. <i>Lynchia maura</i>	Parasite of birds	" "	71
5164. <i>Melophagus ovinus</i> L.	Parasite of sheep and goat	" "	71
5165. <i>Pseudolynchia carariensis</i> Macq.	Parasite of pigeon	" "	681

#### FAMILY LONCHAEIDAE

Scientific name	Host	Distribution	Reference no.
5166. <i>Carpolonchaea</i> (= <i>Lonchaea</i> ) <i>aristella</i> (Beck.)	Fig	Kermanshah, Markazi, Fars, Esfahan	128,129,238,240,288

#### FAMILY LYCORIIDAE

Scientific name	Host	Distribution	Reference no.
5167. <i>Bradysia</i> sp.	Potato	Zanjan	252

#### FAMILY MILICHIIDAE

Scientific name	Host	Distribution	Reference no.
5168. <i>Desmometopa</i> sp.	Sugar-beet	Khorasan, Kerman, Tehran	461,754

Scientific name	Host	Distribution	Reference no.
5169. <i>Meoneura</i> sp.	Collected on bean	Hormozgan	85

### FAMILY MUSCIDAE

Scientific name	Host	Distribution	Reference no.
5170. <i>Musca domestica</i> L.	Sweet foods	Generally distributed	125,126,395,498, 683,778

### FAMILY OESTRIDAE

Scientific name	Host	Distribution	Reference no.
5171. <i>Cephalopina titilator</i>	Parasite of camel	In Iran	31
5172. <i>Oestrus macdonaldi</i> Ged.	Parasite of sheep and goat	" "	684
5173. <i>O. ovis</i> L.	Parasite of human, sheep and goat	West Azarbaijan and other areas	31,71, 396, 683, 684
5174. <i>O. variolosus</i> (Loew)	Parasite of sheep and goat	In Iran	684
5175. <i>Prezhevskiana aegagri</i>	" " " " "	Azarbaijan, Khorasan, Balouchestan, Hormozgan	312
5176. <i>P. crossi</i>	" " " " "	" " "	312
5177. <i>P. silenus</i>	" " " " "	" " "	312
5178. <i>Rhinoestrus tshernyshevi</i> Gru.	" " " " "	In Iran	684

### FAMILY OPOMYZIDAE

Scientific name	Host	Distribution	Reference no.
5179. <i>Opomyza florum</i> L.	Wheat	Khorasan	672/1

### FAMILY OTTIDAE

Scientific name	Host	Distribution	Reference no.
5180. <i>Physiphora demandata</i> (F.)	Date-palm	Ilam	634

### FAMILY PIOPHILIDAE

Scientific name	Host	Distribution	Reference no.
5181. <i>Piophilila casei</i> (L.)	Cheese , fat , smoked and cured meat and fish	Kermanshah, Fars, Tehran and other northern provinces	252,775,786

### FAMILY PSYCHODIDAE

Scientific name	Host	Distribution	Reference no.
5182. <i>Phlebotomus</i> (= <i>Phlebotomus</i> ) <i>alexandri</i>	Parasite of human and vector of <i>Leishmania</i> sp.	Khuzestan and other areas	134,399,400,681, 780
5183. <i>F.</i> (= <i>Phlebotomus</i> ) <i>ansarii</i> Lew.	" " " " " "	Khuzestan	400,780

Scientific name	Host	Distribution	Reference no.
5184. <i>Flebotomus</i> (= <i>Phlebotomus</i> ) <i>bergeroti</i>	—	Persian Golf area	681,780
5185. <i>F.</i> (= <i>Phlebotomus</i> ) <i>caucasicus</i>	Parasite of human and vector of <i>Leishmania</i> sp.	Khuzestan	400
5186. <i>F.</i> (= <i>Phlebotomus</i> ) <i>chinensis</i>	—	"	399
5187. <i>F.</i> (= <i>Phlebotomus</i> ) <i>chinensis longiductus</i> ?	—	In Iran	681
5188. <i>F.</i> (= <i>Phlebotomus</i> ) <i>elaenorae</i>	—	" "	681
5189. <i>F.</i> (= <i>Phlebotomus</i> ) <i>jucucieli</i>	—	" "	399,681
5190. <i>F.</i> (= <i>Phlebotomus</i> ) <i>kazeruni</i> M. - N.	—	" "	780
5191. <i>F.</i> (= <i>Phlebotomus</i> ) <i>keshishiani</i>	—	Khuzestan	399,681
5192. <i>F.</i> (= <i>Phlebotomus</i> ) <i>langeroni</i>	—	"	134,399
5193. <i>F.</i> (= <i>Phlebotomus</i> ) <i>mesghali</i> S. - N.	—	In Iran	780
5194. <i>F.</i> (= <i>Phlebotomus</i> ) <i>mongolensis</i>	Parasite of human and vector of <i>Leishmania</i> sp.	Khuzestan	400
5195. <i>F.</i> (= <i>Phlebotomus</i> ) <i>papataci</i> (Scop.)	" " " " " "	Khuzestan, Kerman, Esfahan, Fars, Semnan, Ilam, Tehran and most of other areas	134,399,400,780
5196. <i>F.</i> (= <i>Phlebotomus</i> ) <i>perfilievi</i>	—	North-western provinces	780
5197. <i>F.</i> (= <i>Phlebotomus</i> ) <i>salehi</i> M. - S.	—	Khuzestan and south-eastern provinces	399,681,704
5198. <i>F.</i> (= <i>Phlebotomus</i> ) <i>sergenti</i>	Parasite of human and vector of <i>Leishmania</i> sp.	Khuzestan, Kerman and most of other areas	399,400,681,780
5199. <i>F.</i> (= <i>Phlebotomus</i> ) <i>tobbi</i>	—	Khuzestan and north-western provinces	399,780
5200. <i>Sergentomyia africana</i>	—	Persian Golf area	681,780
5201. <i>S. antennata</i>	—	Khuzestan	399
5202. <i>S. baghdadis</i>	—	Khuzestan and south-eastern provinces	399,681,780
5203. <i>S. clydei</i>	—	In Iran	680
5204. <i>S. dentata</i>	—	Khuzestan	399
5205. <i>S. iranica</i>	—	"	399
5206. <i>S. mervynae</i>	—	"	399
5207. <i>S. palestinensis</i>	—	"	399,681
5208. <i>S. pawlowskyi</i>	—	In Iran	681
5209. <i>S. sintoni</i>	—	Khuzestan	399,681



Scientific name	Host	Distribution	Reference no.
5210. <i>Sergentomyia squamipleuris</i>	---	Khuzestan	399,681
5211. <i>S. theodori</i>	---	"	399,681
5212. <i>S. tiberiadis</i>	---	"	399,681

#### FAMILY SARCOPHAGIDAE (= Stephanosomatidae)

Scientific name	Host	Distribution	Reference no.
5213. <i>Blaesoxipha accuminata</i> Vill.	Parasite of <i>Calliptamus italicus</i>	Northern and central provinces	240,252
5214. <i>B. filipjevi</i> Rohden.	Parasite of <i>Schistocerca gregaria</i> , and <i>Locusta migratoria</i>	Fars and eastern provinces	252
5215. <i>B. filipjevi tertia</i> Rohden.	Parasite of <i>Schistocerca gregaria</i>	Fars, Kerman	252
5216. <i>B. lineata</i> Fall.	Parasite of <i>Doclostaurus maroccanus</i> , <i>Locusta migratoria</i> , <i>Calliptamus italicus</i> and many other grasshoppers	Northern and central provinces	85,252
5217. <i>B. monticola</i> Rohden.	Parasite of <i>Schistocerca gregaria</i>	" " " "	252
5218. <i>Heteronychia ancilla</i> (Rood.)	Parasitoid of <i>Mythimna loreyi</i>	Khuzestan	653
5219. <i>Nyctia halterata</i> Panz.	Parasite of <i>Helix derbentina</i> , <i>Helicella candeharica</i> and <i>H. krynickii</i>	Northern provinces	85,606
5220. <i>Parasarcophaga jakobsoni</i> Rohden.	Parasite of <i>Doclostaurus maroccanus</i> , <i>Calliptamus italicus</i> and <i>Schistocerca gregaria</i>	East Azarbaijan, Tehran	252
5221. <i>Phytosarcophaga destructor</i> (Mall.)	Melon	Khorasan	812
5222. <i>Sarcophaga carnaria</i> L.	---	In Iran	775
5223. <i>S. carnaria meridionalis</i> Rohden.	Carcase of different grasshoppers	Tehran	252
5224. <i>S. haemorrhoidalis</i> (Fall.)	Meat and also parasite of human	In Iran	396,683
5225. <i>Wohlfahrtia magnifica</i> (Schin.)	Parasite of human and sheep	West Azarbaijan	396,397

#### FAMILY SCATOPSIDAE

Scientific name	Host	Distribution	Reference no.
5226. <i>Scatopse fuscipes</i> (Meig.)	Potato, sugar-beet, turnip	Khorasan, Kerman	252,461,754

#### FAMILY SCIOMYZIDAE (= Tetanoceridae)

Scientific name	Host	Distribution	Reference no.
5227. <i>Psacadina zernyi</i> May.	Rice	Caspian Sea area	85
5228. <i>Sepedon sphegea</i> (F.)	Predator of aquatic snails	Fars, Khuzestan	856,857,858,859

## FAMILY SIMULIIDAE

Scientific name	Host	Distribution	Reference no.
5229. <i>Cnephia persica</i> (Rubz.)	—	Markazi	763
5230. <i>C. zonoikoi</i> Rubz.	—	"	763
5231. <i>Eusimulium areum</i> Fries.	—	"	763
5232. <i>E. paucicuspis</i> Rubz.	—	"	763
5233. <i>Friesia alajensis</i> Rubz.	—	"	763
5234. <i>F. bezzii</i> Corti	—	"	763
5235. <i>F. condici</i> Bar.	—	"	763
5236. <i>Obuchovia albella</i> Rubz.	—	"	763
5237. <i>O. popovae</i> Rubz.	—	"	763
5238. <i>Odagmia ornata</i> Mg.	—	"	763
5239. <i>O. variegata</i> Mg.	—	"	763
5240. <i>Simulium</i> (= <i>Odagmia</i> ) <i>caucasicum</i> (Rubz.)	—	"	763
5241. <i>S. galeratum</i> Edw.	—	"	763
5242. <i>S.</i> (= <i>Eusimulium</i> ) <i>kiritschenkoi</i> (Rubz.)	—	"	763
5243. <i>S.</i> (= <i>Eusimulium</i> ) <i>latizonum</i> (Rubz.)	—	"	763
5244. <i>S.</i> (= <i>Wilhelmia</i> ) <i>mediterraneum</i>	—	Fars	83
5245. <i>S. multistriatum</i> Rubz.	—	Markazi	763
5246. <i>S.</i> (= <i>Wilhelmia</i> ) <i>paraequinum</i> (Puri)	—	Fars, Markazi	83, 763
5247. <i>S.</i> (= <i>Eusimulium</i> ) <i>rubzovianum</i>	—	Fars	83
5248. <i>S.</i> (= <i>Obuchovia</i> ) <i>transcaspicum</i> (End.)	—	Markazi	763
5249. <i>S.</i> (= <i>Wilhelmia</i> ) <i>turgaicum</i> (Rubz.)	—	"	763
5250. <i>S. venustum</i> Say	—	"	763

## FAMILY SYRPHIDAE

Scientific name	Host	Distribution	Reference no.
5251. <i>Allograpta</i> sp.	—	In Iran	238

Scientific name	Host	Distribution	Reference no.
5252. <i>Episyrphus</i> (= <i>Epistrophe</i> ) <i>auricollis</i> Meig.	Predator of <i>Dysaphis plantaginea</i>	Markazi	665
5253. <i>E.</i> (= <i>Epistrophe</i> ) <i>balteatus</i> De G.	Predator of <i>Dysaphis plantaginea</i> , <i>D. pyri</i> , <i>Aphis pomi</i> and <i>Sitobion avenae</i>	Fars, Mazandaran, Gorgan and most other fruit trees planting areas	80,174,665
5254. <i>Eristalis tenax</i>	Parasite of human	In Iran	396
5255. <i>Eumerus strigatus</i> Fall.	Sugar-beet, carrot and other vegetables	Khorasan, Tehran, Kerman	69,252,461,754
5256. <i>Eupeodes corollae</i> F.	Predator and collected on lucerne	Esfahan	348
5257. <i>Metasyrphus</i> (= <i>Syrphus</i> ) <i>corollae</i> (F.)	Predator of <i>Dysaphis plantaginea</i> and <i>Sitobion avenae</i>	Khorasan, Tehran, Markazi, Mazandaran, Gorgan	174,252,377,665
5258. <i>M. latifasciatus</i> Macq.	Predator of <i>Dysaphis plantaginea</i> and <i>D. pyri</i>	Tehran	665
5259. <i>Paragus aegyptius</i> Macq.	Predator of aphids	Balouchestan	377
5260. <i>P. bicolor</i> F.	" " "	Balouchestan, Esfahan	348,377
5261. <i>P. tibialis</i> Fall.	Predator of <i>Dysaphis plantaginea</i> , <i>D. pyri</i> , <i>D. devectora</i> and other aphids	Khorasan, Tehran, Markazi, Zanjan, Mazandaran	32,377,666
5262. <i>Scaeva</i> (= <i>Lasiophthicus</i> ) <i>pyrastris</i> L.	Predator of <i>Dysaphis Plantaginea</i> and <i>D. pyri</i>	Fars, Esfahan, Khorasan, Tehran, Markazi, Hamadan	80,665
5263. <i>Sphaerophoria bengalensis</i> Macq.	Collected on lucerne	Esfahan	348
5264. <i>S. scripta</i> L.	Predator of aphids	Khorasan	377
5265. <i>S. scutellari</i>	" " "	Kerman, Balouchestan	377
5266. <i>S. taeniopa</i>	" " "	Khorasan, Balouchestan	377
5267. <i>Syrphus pyrastris</i> (L.)	Predator of <i>Sitobion avenae</i>	Mazandaran, Gorgan	174
5268. <i>S. ribesii</i> L.	Predator of <i>Dysaphis plantaginea</i> , <i>D. pyri</i> and <i>Sitobion avenae</i>	Fars, Esfahan, Tehran, Markazi, Mazandaran, Gorgan	88,174,665
5269. <i>S. torvus</i> Ost. - Sack.	Predator of <i>Dysaphis plantaginea</i>	Markazi	665
5270. <i>Volucella zonaris</i> Poda	Predator of <i>Aphis fabae</i>	Lorestan	252
5271. <i>Xanthogramma pedisequum</i> Harr.	Predator of aphids	Mazandaran	32

## FAMILY TABANIDAE

Scientific name	Host	Distribution	Reference no.
5272. <i>Atylotus agrestis</i> (Wied.)	—	In Iran	681
5273. <i>Chrysops simillimus</i> (Aus.)	—	" "	681
5274. <i>Haematopota pallens</i> Loew	—	" "	681
5275. <i>Silvia irritans</i> (Ric.)	—	" "	681
5276. <i>S. ochraceus</i> (Loew)	—	" "	681

Scientific name	Host	Distribution	Reference no.
5277. <i>Tabanus ansarii</i> Abbas.-Lint.	—	In Iran	681
5278. <i>T. armeniacus</i> Krob.	—	" "	681

**FAMILY TACHINIDAE (= Larvaevoridae)**

Scientific name	Host	Distribution	Reference no.
5279. <i>Billaea biserialis</i> Port.	—	Khuzestan	761
5280. <i>B. zimini</i> Kol.	—	Balouchestan(Taftan mountain)	761
5281. <i>Carcelia separata</i> (Rond.)	Parasitoid of <i>Lymantria dispar</i>	Gilan,Mazandaran	663,761
5282. <i>Chaetogena repanda</i> Mesn.	—	Khuzestan	761
5283. <i>Clytiomyia</i> (= <i>Chryseria</i> ) <i>hel-luo</i> (F.)	Parasitoid of <i>Eurygaster integriceps</i>	Tehran	58, 59, 252, 499, 737,761
5284. <i>Compsilura concinnata</i> Meig.	Parasitoid of <i>Lymantria dispar</i> and <i>Ocnerogyia amanda</i>	Fars	8
5285. <i>Cylindromyia brassicaria</i> F.	Parasitoid of <i>Dolycoris baccarum</i>	Khorasan,Gorgan	761
5286. <i>C. intermedia</i> Meig.	Parasitoid of <i>Brachynema germari</i>	Kerman	761
5287. <i>C. pilipes</i> Loew	Parasitoid of <i>Dolycoris baccarum</i>	Gorgan	761
5288. <i>C. robusta</i> Loew	—	Khorasan	761
5289. <i>Cystogaster globosa</i> F.	Parasitoid of <i>Eurygaster integriceps</i>	Tehran	252
5290. <i>Drino atropivora</i> R. - D.	Parasitoid of <i>Acherontia atropos</i>	"	85,761
5291. <i>D. imberbis</i> Wied.	—	Balouchestan	761
5292. <i>Echinomyia fera</i> L.	—	In Iran	761
5293. <i>E. magnicornis</i> Zett.	Parasitoid of <i>Agrotis exclamationis</i>	Tehran	761
5294. <i>E. praeceps</i> Meig.	—	Gorgan	761
5295. <i>Ecorista larvarum</i> (L.)	Parasitoid of <i>Mythimna loreyi</i>	Khuzestan	653
5296. <i>Ectophasia</i> (= <i>Phasia</i> ) <i>crassipennis</i> (F.)	Parasitoid of <i>Eurygaster integriceps</i> , <i>Carpocoris fuscispinus</i> and <i>Dolycoris baccarum</i>	Khorasan, Esfahan, Tehran, Chahar Mahal	58,240, 252, 499, 617,761
5297. <i>E. (=Phasia) oblonga</i> (R.-D.)	Parasitoid of <i>Eurygaster integriceps</i>	Tehran	737,761
5298. <i>E. rubra</i> Girsch.	" " " "	Chahar Mahal	617,737
5299. <i>Erynnia nitida</i> D. - N.	Parasitoid of <i>Galerucella luteola</i>	Tehran	91,92
5300. <i>Eucarcelia axisa separata</i> Rond.	Parasitoid of <i>Lymantria dispar</i>	in Iran	85
5301. <i>Exorista belanovskii</i> Rich.	—	Kerman	117
5302. <i>E. larvarum</i> L.	Parasitoid of <i>Euproctis chryorrhoea</i> , <i>Lymantria dispar</i> , <i>Malacosoma neustria paralella</i> , <i>Mamestra oleracea</i> and <i>Spodoptera exigua</i>	Zanjan,Tehran,Gilan,Mazandaran	224,460,663,761

Scientific name	Host	Distribution	Reference no.
5303. <i>Exorista</i> (= <i>Verax</i> ) <i>mimula</i> (Meig.)	Parasitoid of <i>Mamestra oleracea</i>	Tehran	761
5304. <i>E. rutilans</i> Mesn.	—	Kerman	761
5305. <i>E. securicornis</i> Mesn.	—	Balouchestan	761
5306. <i>E. sorbillans</i> Wied.	Parasitoid of <i>Eurygaster integriceps</i> , <i>Carpocoris fuscispinus</i> , <i>Dolycoris baccarum</i> and <i>Leucoma wiltsherei</i>	Zanjan, Fars	5,235,761
5307. <i>Fischeria bicolor</i> R. - D.	Parasitoid of <i>Lepidogma tamaricalis</i> and <i>Homoeosoma nebulellum</i>	Markazi, Tehran	117,761
5308. <i>Gonia capitata</i> Dg.	Parasitoid of <i>Agrotis exclamationis</i>	Tehran	761
5309. <i>Gymnosoma clavata</i> Rond.	—	Khorasan	761
5310. <i>G. desertorum</i> Rond.	Parasitoid of <i>Chroantha ornatura</i>	Khorasan, Tehran	761
5311. <i>Helomyia</i> (= <i>Anantha</i> ) <i>lateralis</i> (Meig.)	Parasitoid of <i>Eurygaster integriceps</i> and <i>Dolycoris baccarum</i>	Tehran, Gorgan	58, 59, 252, 799, 737,761
5312. <i>Leucostoma crassa</i> Kugl.	Parasitoid of <i>Lygaeus pandurus</i>	Kerman	761
5313. <i>Linneamya nevi</i> (Erd.)	Parasitoid of <i>Mythimna loreyi</i>	Khuzestan	653
5314. <i>L. vulpina</i> (Fall.)	" " " "	West Azarbaijan	632/1
5315. <i>Lydella thompsoni</i> Hert.	Parasitoid of <i>Ostrinia nubilalis</i>	Tehran	761
5316. <i>Macquartia tessellum</i> Meig.	Parasitoid of <i>Entomoscelis adonidis</i>	Fars	761
5317. <i>Maculosalia maculosa</i> Vill.	—	Balouchestan	761
5318. <i>Meiginia mutabilis</i> Fall.	—	In Iran	127
5319. <i>Microphthalma europaea</i> Egg.	Parasitoid of <i>Polyphylla olivieri</i>	Mazandaran, Tehran	756,757
5320. <i>Nealsomyia quadrimaculata</i> Baran.	Parasitoid of <i>Amicta quadrangularis</i>	Kerman	117,761
5321. <i>Nemorilla maculosa</i> Meig.	Parasitoid of <i>Lepidogma tamaricalis</i> , <i>Hyponomeuta malinellus</i> and <i>H. padellus</i>	Markazi, Tehran	117,663,761
5322. <i>Neoplectops pomonellae</i> Schn.	Parasitoid of <i>Laspeyresia pomonella</i>	Tehran	85,663,761
5323. <i>Pales murina</i> Mesn.	Parasitoid of <i>Dicycla oo</i> and <i>Ephesia nymphaea</i>	Fars	761
5324. <i>Peribaea</i> (= <i>Strobliomyia</i> ) <i>palaestina</i> (Vill.)	—	Balouchestan	761
5325. <i>Periscepsia carbonaria</i> Pz.	Parasitoid of <i>Agrotis exclamationis</i>	Tehran	761
5326. <i>Phasia rostrata</i> Egg.	Parasitoid of <i>Eurygaster integriceps</i> , <i>Carpocoris fuscispinus</i> and <i>Dolycoris baccarum</i>	Tehran, Esfahan	252
5327. <i>P.</i> (= <i>Alophora</i> ) <i>subcoleoptrata</i> (L.)	Parasitoid of <i>Eurygaster integriceps</i>	Tehran	499,737,761
5328. <i>Phryxe namea</i> Meig.	—	Gilan	761

Scientific name	Host	Distribution	Reference no.
5329. <i>Pseudogonia cinerascens</i> Rond.	—	Balouchestan	761
5330. <i>P. ruffifrons</i> (Emd.)	Parasitoid of <i>Mythimna loreyi</i>	Khuzestan	653
5331. <i>Spallanzania alpestris</i> Rond.	Parasitoid of <i>Agrotis exclamationis</i>	Tehran	761
5332. <i>S. hebes</i> Fall.	Parasitoid of <i>Heliothis armigera</i>	East Azarbaijan	761
5333. <i>Tachina nupta</i> (Rond.)	Parasitoid of <i>Mythimna loreyi</i>	West Azarbaijan	632/1
5334. <i>T. praeceps</i> Meig.	" " " "	" "	632/1
5335. <i>Voria ruralis</i> Fall.	Parasitoid of <i>Autographa gamma</i>	Mazandaran	635
5336. <i>Winthemia quadripustulata</i> F.	Parasitoid of <i>Thaumetopoea solitaria</i> and <i>Leucoma wiltshieri</i>	Gilan, Mazandaran	129

## FAMILY TEPHRITIDAE (= Trypetidae)

Scientific name	Host	Distribution	Reference no.
5337. <i>Acanthophilus helianthi</i> Rossi	Safflower	East Azarbaijan, Kordestan, Tehran, Gorgan, Fars, Esfahan, Khuzestan	142
5338. <i>Carpomyia vesuviana</i> Costa	Christ's thorn, jujube	Esfahan, Khorasan and southern provinces	6,128,129,792
5339. <i>Ceratitis</i> (= <i>Halterophora</i> ) <i>capitata</i> (Wied.) Syn.: <i>Ceratitis citriperda</i> Mac., <i>C. hispanica</i> Br.	Peach, apricot, plum, garden plum, pear, apple, cherry, quince, kaki, grapevine, pomegranate, medlar, fig, citrus and many other fruit trees and also some annual field crops	Khorasan, Tehran, Gilan, Mazandaran, Markazi, Semnan, Esfahan, Yazd, Kermanshah, Kordestan	112,128,176,240,393,889
5340. <i>Dacus ciliatus</i> Loew	Melon, cantaloupe, water-melon, cucumber, squash	Khorasan, Fars, Tehran, Hormozgan, Khuzestan	633,812
5341. <i>D. cucurbitae</i>	—	Southern provinces	240
5342. <i>D.</i> (= <i>Chaetodacus</i> ) <i>zonatus</i> (Sound.) Syn.: <i>Dacus persica</i> Big.	Christ's thorn, common mango, olive, citrus, banana	Balouchestan	6,70,75,129
5343. <i>Leptoxida</i> (= <i>Dacus</i> ) <i>persicus</i> (Hend.)	Cantaloupe, cucumber, common mango, mudar	Khorasan, Balouchestan, Hormozgan	75,85,127,633
5344. <i>Myiopardalis pardalina</i> Big. Syn.: <i>Carpomyia caucasica</i> Zait.	Melon, cucumber, cantaloupe, squash, sucrons, snake cucumber, water-melon	Generally distributed	25,67,69,127,225,240,252,286,811,812,889
5345. <i>Rhagoletis</i> (= <i>Spilographa</i> ) <i>cerasi</i> (L.) Syn.: <i>Rhagoletis cerasorum</i> Duf., <i>R. signata</i> Meig.	Cherry, sour-cherry, barberry	Azarbaijan, Caspian Sea area, Khorasan, Tehran, Hamadan, Fars, Esfahan and most other fruit trees planting areas	6,24,69, 85, 112, 128,129,176,180,240,252,889
5346. <i>Tephritis</i> ? <i>hurvitzi</i> Freid.	Collected on lucerne	Esfahan	348

ORDER SIPHONAPTERA  
FAMILY AMPHIPSYLLIDAE

Scientific name	Host	Distribution	Reference no.
5347. <i>Amphipsylla argoi</i>	Parasite of <i>Calomyscus</i> sp.	Khorasan	84

Scientific name	Host	Distribution	Reference no.
5348. <i>Amphipsylla rossica rossica</i>	—	Hamadan	84
5349. <i>A. schelkovnikovi schelkovnikovi</i>	Parasite of fox, <i>Meriones persicus</i> , <i>M. libycus</i> , <i>M. meridianus</i> and <i>Mus musculus</i>	Khorasan, Tehran, Hamadan	84
5350. <i>Ctenophylus rufescens</i>	—	Markazi	84

#### FAMILY CTENOCEPHALIDAE

Scientific name	Host	Distribution	Reference no.
5351. <i>Archaeopsylla erinacei</i>	Parasite of Porcupine	East Azarbaijan, Hamadan, Tehran	84
5352. <i>Ctenophthalmus dolichus kurdensis</i>	Parasite of <i>Meriones persicus</i> , <i>M. libycus</i> and <i>M. vinogradovi</i>	Kordestan	84
5353. <i>C. iranus persicus</i>	Parasite of fox and <i>Cricetulus migratorius</i>	Zanjan	84
5354. <i>C. rettigi smiti</i>	—	Kordestan	84

#### FAMILY DOLICHOPSYLLIDAE (= Ceratophyllidae)

Scientific name	Host	Distribution	Reference no.
5355. <i>Ceratophyllus fringillae</i>	Parasite of wagtail, gusted lark and <i>Passer domesticus</i>	Esfahan	84,681
5356. <i>C. gallinae</i> Schr.	Parasite of wagtail and <i>Passer domesticus</i>	"	84
5357. <i>C. gallinae gallinae</i> Schr.	—	In Iran	681
5358. <i>C. spinosus</i> Wagn.	Parasite of fox	Hamadan	84,681
5359. <i>Nosopsyllus fasciatus</i> (Bosc.)	Parasite of <i>Mus musculus</i> and <i>Rattus rattus</i>	Gilan, Tehran	84
5360. <i>N. iranus iranus</i>	Parasite of porcupine, fox, <i>Meriones persicus</i> and <i>M. libycus</i>	Hamadan, Tehran	84
5361. <i>N. laeviceps gorganus</i>	Parasite of <i>Rhombomys opimus</i>	Mazandaran	84
5362. <i>N. medus</i>	Parasite of <i>Mus musculus</i>	Hamadan	84
5363. <i>N. mikulini</i>	Parasite of fox, <i>Mus musculus</i> and <i>Ochotona rufescens</i>	Hamadan, Tehran	84
5364. <i>N. monstrosus vlasovi</i>	Parasite of <i>Rhombomys opimus</i>	Khorasan	84
5365. <i>N. pringlii</i>	Parasite of <i>Meriones crassus</i> , <i>Tatera indica</i> , <i>Rhombomys opimus</i> and <i>Jaculus jaculus</i>	Tehran, Markazi, Esfahan, Khuzestan	84
5366. <i>N. sarinus</i>	—	Kerman, Khuzestan	84
5367. <i>N. turkmenicus turkmenicus</i>	Parasite of <i>Cricetulus migratorius</i> , <i>Rhombomys opimus</i> and <i>Gerbillus nanus</i>	Khorasan	84
5368. <i>N. ziarus</i>	Parasite of <i>Rhombomys opimus</i>	Esfahan	84

## FAMILY HYSTRICHOPSYLLIDAE (= Leptopsyllidae)

Scientific name	Host	Distribution	Reference no.
5369. <i>Leptopsylla segnis</i> Schon.	Parasite of <i>Mus musculus</i>	Gilan	84

## FAMILY PULICIDAE (= Archaeopsyllidae)

Scientific name	Host	Distribution	Reference no.
5370. <i>Ctenocephalides canis</i> (Curt.)	Parasite of wolf, goat, cat, jackal, fox, dog, <i>Ochotona rufescens</i> , <i>Tatera indica</i> and <i>Lepus europaeus</i>	Almost in most areas	71,84
5371. <i>C. felis</i> (Bouche)	Parasite of dog and cat	In Iran	71
5372. <i>C. felis felis</i> Bouche	Parasite of fox, dog, jackal, cat and wolf	Almost in most areas	84
5373. <i>C. felis orientis</i> (Jor.)	—	Hormozgan	84
5374. <i>Pulex irritans</i> L.	Parasite of human, fox, jackal, dog, wolf and crow	Generally distributed	84,778
5375. <i>Stenoponia tripectinata spinellosa</i> Jor.	Parasite of <i>Meriones persicus</i>	Tehran	650
5376. <i>Synosternus cleopatrae</i> Roth.	—	Dasht -E- Lut	611
5377. <i>Xenopsylla astia</i> Roth.	Parasite of <i>Meriones crassus</i> , <i>M. hurrianae</i> , <i>Calomyscus</i> sp., <i>Tatera indica</i> , <i>Rattus rattus</i> , <i>Nesokia indica</i> and <i>Citellus fulvus</i>	Khorasan, Fars, Hormozgan, Khuzestan, Kermanshah	84
5378. <i>X. buxtoni</i>	Parasite of fox, <i>Mus musculus</i> , <i>Meriones persicus</i> , <i>M. tristrami</i> , <i>M. libycus</i> , <i>M. vinogradovi</i> , <i>Tatera indica</i> , <i>Cricetulus migratorius</i> and <i>Nesokia indica</i>	Hamadan, Zanjan, Tehran, Markazi, Kordestan	84,681
5379. <i>X. cheopis</i> (Roth.)	Parasite of <i>Rattus rattus</i> , <i>Citellus fulvus</i> , <i>Mus musculus</i> and <i>Cricetulus migratorius</i>	Khorasan, Tehran, Gilan, Mazandaran, Esfahan, Fars, Khuzestan	84,681,786
5380. <i>X. conformis</i>	—	Dasht -E- Lut	611
5381. <i>X. conformis conformis</i>	Parasite of <i>Meriones crassus</i> , <i>M. tristrami</i> , <i>M. libycus</i> , <i>Cricetulus migratorius</i> , <i>Citellus fulvus</i> , <i>Allactaga elator</i> , <i>Tatera indica</i> , <i>Jaculus jaculus</i> , <i>Rhombomys opimus</i> and <i>Gerbillus nanus</i>	Khorasan	84
5382. <i>X. gerbilli</i>	—	In Iran	681
5383. <i>X. gerbilli gerbilli</i>	Parasite of <i>Rhombomys opimus</i>	Khorasan	84
5384. <i>X. nubica</i>	Parasite of <i>Allactaga elator</i> and <i>Jaculus jaculus</i>	Esfahan	84,681
5385. <i>X. nuttalli</i>	Parasite of fox, porcupine, <i>Meriones persicus</i> , <i>M. meridianus</i> , <i>Nesokia indica</i> , <i>Rhombomys opimus</i> and <i>Gerbillus nanus</i>	Khorasan, Mazandaran, Esfahan	84,681
5386. <i>X. persica</i>	—	In Iran	681



**FAMILY TUNGIDAE (= Hectopsyllidae)**

Scientific name	Host	Distribution	Reference no.
5387. <i>Echidnophaga gallinacea</i> (Westw.)	Parasite of porcupine	Zanjan, Mazandaran, Tehran, Esfahan	84,681
5388. <i>E. oschanini</i> Wagn.	Parasite of <i>Meriones persicus</i> , <i>M. libycus</i> and <i>Rhombomys opimus</i>	Mazandaran, Esfahan	84,681
5389. <i>E. popovi</i> Arg.	—	Zanjan, Hamadan, Tehran	84,681

**FAMILY VERMIPSYLLIDAE**

Scientific name	Host	Distribution	Reference no.
5390. <i>Chaetopsylla globiceps</i>	Parasite of fox	Esfahan	84
5391. <i>C. korobkovi</i>	" " "	Esfahan, Hamadan	84
5392. <i>C. trichosa avicenni</i>	—	Kordestan	84

**ORDER HYMENOPTERA****FAMILY AGAONTIDAE**

Scientific name	Host	Distribution	Reference no.
5393. <i>Blastophagus psenes</i> L.	Fig	Fars	279

**FAMILY ANDRENIDAE**

Scientific name	Host	Distribution	Reference no.
5394. <i>Andrena flavipes</i> Pz.	Lucerne	Tehran	242,848
5395. <i>A. labialis</i> Kirby.	—	Fars	242
5396. <i>A. ovatula</i> (K.)	Lucerne	Tehran	242,848
5397. <i>Melitturga clavicornis</i> (Latr.)	Lucerne, sweet clover, sainfoin	Azərbayjan, Hamadan, Lorestan, Tehran, Elburz mountains	252,848,853

**FAMILY ANTHOPHORIDAE**

Scientific name	Host	Distribution	Reference no.
5398. <i>Amegilla confusa</i> (Sm.)	Lucerne	Tehran	848
5399. <i>Anthophora agama</i>	—	"	242
5400. <i>A. (= Amegilla) albigena</i> (Lep.)	Lucerne	"	242,848
5401. <i>A. exschowi</i> (Fed.)	"	"	848
5402. <i>A. parentinus</i> F.	—	Mazandaran	242
5403. <i>A. (= Amegilla) quadrifasciata</i> (Dewill)	Lucerne	Tehran	242,848
5404. <i>A. robusta</i> Klug	—	"	242
5405. <i>A. (= Amegilla) salviae</i>	—	Hamadan, Esfahan	242

Scientific name	Host	Distribution	Reference no.
5406. <i>Anthophora sinerascens</i> Lep.	—	Tehran	242
5407. <i>A. tarsati</i>	—	"	242
5408. <i>A. velutissima</i>	—	Esfahan	242
5409. <i>Epeolus variegatus</i> L.	—	In Iran	242
5410. <i>Eucera chrysopyga</i> (Perez)	Lucerne	Tehran	848
5411. <i>E. clypeata</i> (Ev.)	"	"	848
5412. <i>E. nitidiventris</i> (Mor.)	"	"	848

## FAMILY APHELINIDAE

Scientific name	Host	Distribution	Reference no.
5413. <i>Aphelinus asychis</i> Walk.	Parasitoid of <i>Therioaphis maculata</i>	Tehran	146,557
5414. <i>A. mali</i> Hald.	Parasitoid of <i>Eriosoma lanigerum</i>	In Iran	24,129
5415. <i>A. sp. nr. flaviventris</i> Kurd.	Parasitoid of <i>Diuraphis noxia</i> , <i>Hyadaphis coriandri</i> and other aphids	Khuzestan, Fars	45,582
5416. <i>A. varipes</i>	Parasitoid of <i>Diuraphis noxia</i>	Fars	45,880
5417. <i>Aphytis chrysomphali</i> (Mer.)	Parasitoid of <i>Chrysomphalus dictyospermi</i> , <i>Aonidiella aurantii</i> , <i>A. citrina</i> , <i>A. orientalis</i> , <i>Parlatoria zizyphi</i> and <i>P. oleae</i>	Caspian Sea area and southern provinces	129,195,252,253, 436,480,666,889
5418. <i>A. chrysomphali</i> var. <i>mazandaranica</i> Ki.	Parasitoid of <i>Parlatoria oleae</i> and <i>Chrysomphalus dictyospermi</i>	Caspian Sea area	128,194,195,240, 256,474,478
5419. <i>A. lepidosaphes</i> Comp.	—	In Iran	128
5420. <i>A. libanicus</i> Trab.	Parasitoid of <i>Lepidosaphes conchiformis</i>	Esfahan	114,770
5421. <i>A. maculicornis</i> (Masi)	Parasitoid of <i>Chrysomphalus dictyospermi</i> , <i>Parlatoria oleae</i> , <i>P. pergandii</i> and <i>Aspidiotus hederæ</i>	Caspian Sea area, Tehran, Markazi, Esfahan, Fars	128,252,256,436, 666,889
5422. <i>A. mytilaspidis</i> (Le Baron)	Parasitoid of <i>Lepidosaphes malicola</i> , <i>L. pistaciae</i> , <i>Parlatoria oleae</i> , <i>P. blanchardi</i> and some other mealybugs	Caspian Sea area, Fars, Khuzestan, Semnan, Tehran, Markazi, Esfahan	128,240,256,306, 666,874
5423. <i>A. proclia</i> (Walk.)	Parasitoid of <i>Pseudaulacaspis pentagona</i> , <i>Chrysomphalus dictyospermi</i> , <i>Parlatoria oleae</i> , <i>Aonidiella aurantii</i> , <i>A. orientalis</i> and some other mealybugs	Khuzestan, Tehran, Gilan, Mazandaran, Markazi, Esfahan, Fars	61,128, 238, 240, 252,256,478,666, 304,409/3
5424. <i>Archenomus bicolor</i> How.	Parasitoid of <i>Diaspidiotus prunorum</i> , <i>Eulecanium coryli</i> and some other her mealybugs	Esfahan, Tehran, Markazi, Kordestan, East Azarbaijan	128,179,666
5425. <i>Azotus atomon</i> Walk.	Parasitoid of <i>Pseudaulacaspis pentagona</i>	Mazandaran	61,217

Scientific name	Host	Distribution	Reference no.
5426. <i>Azotus</i> (= <i>Pteroptrix</i> ) <i>celsus</i> (Walk.) Syn.: <i>Azotus matritensis</i> Walk., <i>A. britannicus</i> Alam	Parasitoid of <i>Epidiopsis leperii</i> and <i>Parlatoria oleae</i>	Tehran, Markazi	666
5427. <i>A. chrysomphali</i> (Chesq.)	Hyperparasite of <i>Physcus testaceus</i> and parasitoid of <i>Lepidosaphes pistaciae</i>	Tehran	146,874
5428. <i>A. gadrui</i> Agar.	Hyperparasite of <i>Coccobius reticulatus</i>	Fars	487
5429. <i>Centrodora</i> sp.	Parasitoid of <i>Cicadatra ochreatea</i>	Hamadan	146,238
5430. <i>Coccobius reticulatus</i> Comp.- Ann.	Parasitoid of <i>Aonidiella orientalis</i>	Fars	487
5431. <i>Comperiella lemniscata</i> Comp. - Ann.	" " " "	"	487
5432. <i>Encarsia adrianae</i> L. - A.	Parasitoid of <i>Bemisia tabaci</i>	"	34,52
5433. <i>E. aurantii</i> How.	Parasitoid of <i>Aonidiella orientalis</i>	"	487
5434. <i>E. formosa</i> Gah.	Parasitoid of <i>Bemisia tabaci</i> and <i>Trialeurodes vaporariorum</i>	Esfahan, Tehran, Mazandaran, Gorgan	127,146
5435. <i>E. inaron</i> Walk.	Parasitoid of <i>Bemisia tabaci</i> , <i>Siphoninus phyllyreae</i> and <i>Aleyrodes singularis</i>	Fars	34,52
5436. <i>E. lutea</i> (Masi)	Parasitoid of <i>Bemisia tabaci</i> and <i>Trialeurodes ricini</i>	"	34,52
5437. <i>E. partenopea</i> Masi	Parasitoid of <i>Bemisia tabaci</i> and <i>Trialeurodes vaporariorum</i>	Gorgan, Tehran	146
5438. <i>Eretmocerus mundus</i> Merc.	Parasitoid of <i>Bemisia tabaci</i> and <i>Trialeurodes ricini</i>	Tehran, Mazandaran, Gorgan	32,52,53,146,562
5439. <i>Marietta picta</i> (And.)	Hyperparasite of <i>Anagyrus pseudococci</i>	Tehran, Kerman	112,142,146,873
5440. <i>M. zebrata</i>	Parasitoid of <i>Euphyllura olivina</i>	Zanjan	441
5441. <i>Physcus testaceus</i> Masi	Parasitoid of <i>Parlatoria oleae</i> , <i>Lepidosaphes malicola</i> and <i>Tecaspis asiatica</i>	Tehran, Markazi, Hamadan, Esfahan, Chahar Mahal	128,142,146,188, 256,592,666,874
5442. <i>Prospaltella aurantii</i> How.	—	In Iran	128
5443. <i>P. berleseii</i> How.	Parasitoid of <i>Pseudaulacaspis pentagona</i>	Gilan, Mazandaran	61,128,129, 240, 328,330,666,889
5444. <i>P. elongata</i> Doz.	Parasitoid of <i>Lepidosaphes gloveri</i>	Caspian Sea area	238,252,253
5445. <i>P. fasciata</i> Mal.	Parasitoid of <i>Chrysomphalus dictyospermi</i> , <i>Aonidiella aurantii</i> and <i>A. citrina</i>	" " "	128,194,195,252, 436,474,666,889
5446. <i>P. perniciosi</i> Tow.	Parasitoid of <i>Ouadraspidiotus perniciosus</i>	Gilan	326,666

## FAMILY APHIDIIDAE

Scientific name	Host	Distribution	Reference no.
5447. <i>Aphidius colemani</i>	Parasitoid of aphids	Balouchestan	115
5448. <i>A. ervi</i> Hal.	Parasitoid of <i>Acyrtosiphon pisum</i> and <i>Sitobion avenae</i>	Tehran, Mazandaran, Gorgan	174,557
5449. <i>A. matricariae</i> Hal.	Parasitoid of <i>Dysaphis plantaginea</i> , <i>D. pyri</i> , <i>D. devectora</i> , <i>Diuraphis noxia</i> , <i>Myzus persicae</i> and other aphids	Tehran, Markazi, Esfahan, Fars, Balouchestan	115,666,880
5450. <i>A. rapae</i> M'intosh.	Parasitoid of aphids	Khuzestan	582
5451. <i>A. rhopalosiphi</i> De Stef.	Hyperparasite of <i>Aphidius</i> spp.	Mazandaran	549/1
5452. <i>A. urticae</i> Hal.	Parasitoid of <i>Acyrtosiphon pisum</i>	Tehran	146
5453. <i>A. uzbekistanicus</i> Lyzh.	Parasitoid of <i>Sitobion avenae</i> , <i>Diuraphis noxia</i> and other aphids	Tehran, Mazandaran, Gorgan, Balouchestan	115,146,174,880
5454. <i>Diaeretiella rapae</i> M'intosh.	Parasitoid of <i>Brevicoryne brassicae</i> , <i>Diuraphis noxia</i> , <i>Myzus persicae</i> and other aphids and collected on cabbage, turnip and wild radish	Tehran, Zanjan, Fars, Khuzestan, Balouchestan	45,115,142, 146, 188,377,582,580
5455. <i>Ephedrus persicae</i>	Parasitoid of aphids	Balouchestan	115
5456. <i>E. plagiator</i> (Nees)	Parasitoid of <i>Sitobion avenae</i>	Mazandaran, Gorgan	101/4
5457. <i>E.</i> sp.	Parasitoid of aphids	Khuzestan	582
5458. <i>Lysiphlebus ambiguus</i> (Hal.)	" " "	Mazandaran	32
5459. <i>L. fabarum</i> Marsh.	Parasitoid of <i>Aphis fabae</i> , <i>A. craccivora</i> and other aphids and collected on broad bean	Khorasan, Tehran, Fars, Mazandaran, Gilan, Azarbaijan, Khorasan	32,142,146, 188, 377,557,582,666
5460. <i>Trioxys angelicae</i> Hal.	Parasitoid of <i>Aphis pomi</i>	Markazi	666
5461. <i>T. palidus</i>	Parasitoid of <i>Callipterus juglandis</i>	In Iran	238
5462. <i>T. utilis</i> Mues.	Parasitoid of <i>Therioaphis maculata</i>	Generally distributed	252,557

## FAMILY APIDAE

Scientific name	Host	Distribution	Reference no.
5463. <i>Apis</i> (= <i>Micrapis</i> ) <i>florea</i> (F.)	Sweet liquids	Kermanshah, Khuzestan, Kerman, Balouchestan, Fars and other southern provinces	33,581,586,860
5464. <i>A. mellifera</i> L.	" "	Generally distributed	210,243,778,787, 848
5465. <i>A. mellifera caucasica</i> Gorb.	—	Tehran	242
5466. <i>A. mellifera ligustica</i> Spin.	—	"	242
5467. <i>A. mellifera meda</i>	—	Elburz mountains, Esfahan and other central provinces	210,787
5468. <i>A. mellifera romipes</i> Skor.	—	Azarbaijan	242
5469. <i>Bombus</i> (= <i>Megabombus</i> ) <i>argilaceus</i> (Scop.)	—	Gilan	242

Scientific name	Host	Distribution	Reference no.
5470. <i>Bombus</i> (= <i>Thoracobombus</i> ) <i>humilis insipidus</i> (Rad.)	—	Tehran	242
5471. <i>B.</i> (= <i>Sibiricobombus</i> ) <i>insertus</i> (Mor.)	—	"	242
5472. <i>B.</i> (= <i>Laesobombus</i> ) <i>laesces laesces</i> (Mor.)	—	Kermanshah	242
5473. <i>B.</i> (= <i>Thoracobombus</i> ) <i>lederi</i> (Vog.)	—	Azarbaijan	242
5474. <i>B.</i> (= <i>Eversmannibombus</i> ) <i>persicus persicus</i> Rad.	—	In Iran	242
5475. <i>B.</i> (= <i>Kallobombus</i> ) <i>sorocensis radoszkowskii</i> (D.Torre)	—	Tehran	242
5476. <i>B.</i> (= <i>Sibiricobombus</i> ) <i>sulfureus</i> (Tries.)	—	Tehran and other northern provinces	242
5477. <i>B. terrestris</i> L.	Lucerne	Tehran	242,848
5478. <i>B. verticosus</i> Gerst.	—	"	242
5479. <i>B.</i> (= <i>Thoracobombus</i> ) <i>zonatus steveni</i> (Rad.)	—	"	242
5480. <i>Nomada</i> sp.	—	In Iran	242
5481. <i>Praxylocopa rufa</i> Tries.	—	" "	242
5482. <i>Tetralonia</i> sp.	Lucerne	Tehran	242,848
5483. <i>Thyreus histrionicus</i> Ill.	—	"	242
5484. <i>T. ramosus</i>	—	Northern provinces	242

#### FAMILY ARGIDAE (= Hylotomidae)

Scientific name	Host	Distribution	Reference no.
5485. <i>Arge</i> (= <i>Tenthredo</i> ) <i>enodis</i> (L.) Syn.: <i>Hylotoma vulgaris</i> Klug, <i>H. coeruleipennis</i> Ed.	Willow	In Iran	129,132,252
5486. <i>A.</i> (= <i>Tenthredo</i> ) <i>rosae</i> (L.) Syn.: <i>Tenthredo ochropus</i> Gm., <i>T. cuprea</i> Prey.	Dog-rose and other roses	Northern provinces	6,129,132,252

#### FAMILY BETHYLIDAE

Scientific name	Host	Distribution	Reference no.
5487. <i>Cephalonomyia hypobori</i> Kieff.	Parasitoid of <i>Ruguloscolytus mediterraneus</i> , <i>Hypoborus ficus</i> , <i>Scolytochetus multistriatus</i> and <i>Phloeosinus bicolor</i>	Markazi, Tehran, Zanjan, Hamadan, Kordestan, Kermanshah, Esfahan	128,141,142,146, 188,238,662,665
5488. <i>C. tarsalis</i> Ashm.	Parasitoid of <i>Oryzaephilus surinamensis</i>	Khuzestan	550

## FAMILY BRACONIDAE

Scientific name	Host	Distribution	Reference no.
5489. <i>Aleiodes</i> sp.	Parasitoid of <i>Sesamia nonagrioides</i> larvae	Khuzestan, Fars	15,55
5490. <i>Apanteles bicolor</i> Nees	Parasitoid of <i>Phyllonorycter coryli-foliella</i>	Markazi	663
5491. <i>A. chilonis</i> Mun.	Parasitoid of <i>Chilo suppressalis</i>	Gilan, Mazandaran	685
5492. <i>A. congestus</i> Nees	Parasitoid of <i>Euxoa segetum</i>	Tehran	142,146,188
5493. <i>A. galleriae</i>	Parasitoid of <i>Achroia grisella</i>	Gilan	317
5494. <i>A. (=Microgaster) glomeratus</i> (L.)	Parasitoid of <i>Pieris brassicae</i> , <i>P. rapae</i> , <i>Aporia crataegi</i> , <i>Apatele aceris</i> and <i>Acronycta</i> sp.	Tehran, Mazandaran	128,142,146,188, 252
5495. <i>A. juniperatus</i> Bouche	Parasitoid of <i>Lampides boeticus</i>	Tehran	142,146,188
5496. <i>A. kazak</i> Telen.	Parasitoid of <i>Heliothis</i> sp.	"	142,146,188
5497. <i>A. lacticolor</i> Vier.	Parasitoid of <i>Lymantria dispar</i>	In Iran	663
5498. <i>A. lantellus</i> Marsh.	Parasitoid of <i>Lithocolletis platani</i>	Tehran	146
5499. <i>A. liparidis</i> (Bouche)	Parasitoid of <i>Lymantria dispar</i>	In Iran	663
5500. <i>A. melanoscelus</i> (Ratz.)	" " " "	" "	663
5501. <i>A. ruficrus</i> (Hal.)	Parasitoid of <i>Mythimna loreyi</i>	Khuzestan	810
5502. <i>A. sp. nr. sarcitorius</i> Telen.	Parasitoid of <i>Lecanium</i> sp.	Tehran	146
5503. <i>A. xanthostigmus anarsiae</i>	Parasitoid of <i>Anarsia lineatella</i>	In Iran	238
5504. <i>Ascogaster</i> sp.	Parasitoid and collected on juniper	Northern provinces	6,129
5505. <i>Atanycolus sculpturatus</i> Thoms.	Parasitoid of <i>Sphenoptera kambyses</i> , <i>S. davatchii</i> , <i>Ruguloscolytus mediterraneus</i> and <i>Chrysobothrys affinis</i>	Kordestan, Tehran, Markazi, Semnan	127,128,141,142, 146,176,188,662, 665
5506. <i>Bracon</i> (= <i>Microbracon</i> ) <i>brevicornis</i> (Wesm.) Syn.: <i>Habrobracon kiucheneri</i> D.G.	Parasitoid of <i>Spodoptera exigua</i> , <i>Earias insulana</i> , <i>Heliothis armigera</i> , <i>Batrachedra amydraula</i> and <i>Sesamia nonagrioides</i>	Kerman, Tehran, Khuzestan and other fruit planting areas	15, 128,252,286, 303
5507. <i>B. lefroyi</i>	Parasitoid of <i>Earias insulana</i>	In Iran	385
5508. <i>Braunsia rufipes</i> Nees	Parasitoid of <i>Spilonota ocellana</i>	Tehran	146
5509. <i>Chelonella</i> sp.	Parasitoid of <i>Kermania pistaciella</i> and <i>Phthorimaea ocellatella</i>	Kerman, Tehran	146,188,394
5510. <i>Chelonus</i> (= <i>Microchelonus</i> ) <i>contractor</i> (Nees)	Parasitoid of <i>Gnorimoschema ocellatella</i>	Tehran	252
5511. <i>C. inanitus</i> L.	Parasitoid of <i>Spodoptera exigua</i>	"	142,146,188,460
5512. <i>Diolcogaster mayae</i> (Shest.)	Parasitoid and collected on pasture and forest plants	Fars	55
5513. <i>Ecphylyus carinatus</i> Heq.	Parasitoid of <i>Ruguloscolytus mediterraneus</i>	Tehran, Markazi, Semnan	128,141,142,146, 188,662,665

Scientific name	Host	Distribution	Reference no.
5514. <i>Habrobracon iranicus</i> Fisch.	Parasitoid of <i>Hyponomeuta mali-nellus</i> , <i>Carpocapsa pomonella</i> and <i>Heliothis dipsacea</i>	Tehran	146
5515. <i>H. jahson</i>	Parasitoid of <i>Chloridea</i> spp.	East Azarbaijan	346
5516. <i>Hecabalodes ruguloscolyti</i> Fisch.	Parasitoid of <i>Ruguloscolytus mediterraneus</i> , <i>Scolytochelus multistriatus</i> and <i>Phloeosinus bicolor</i>	Tehran, Markazi, Kordestan, Zanjan, Esfahan	128,141,142,146,188,238,662,665
5517. <i>H. xylophagi</i> Fisch.	Parasitoid of <i>Ruguloscolytus mediterraneus</i>	Tehran	146,
5518. <i>Homolobus</i> sp.	Parasitoid of <i>Mythimna loreyi</i>	Khuzestan	810
5519. <i>Hormius sculpturatus</i> Tob.	Parasitoid and collected on pasture and forest plants	Fars	55
5520. <i>Macrocentrus collaris</i> Spin.	Parasitoid of <i>Euxoa segetum</i>	Tehran, Fars	55,142,146,188
5521. <i>Mesochorus</i> sp.	Parasitoid of <i>Mythimna loreyi</i>	Khuzestan	810
5522. <i>Meteorus decoloratus</i> Ruthe.	Parasitoid of <i>Euproctis chrysorrhoea</i>	Tehran	146
5523. <i>M. mesopotamicus</i> Fisch.	Parasitoid of <i>Spodoptera exigua</i>	"	142,146,188,460
5524. <i>M. pulchricornis</i> (Wesm.)	Parasitoid of <i>Lymantria dispar</i>	In Iran	663
5525. <i>M. rubens</i> Nees	Parasitoid of <i>Euxoa segetum</i> and <i>Sesamia nonagrioides</i>	Tehran, Khuzestan	15,142,146,188
5526. <i>Microbracon</i> (= <i>Bracon</i> ) <i>hebetor</i> (Say)	Parasitoid of <i>Ephestia</i> spp., <i>Plodia interpunctella</i> , <i>Batrachedra amydraula</i> , <i>Helicoverpa armigera</i> , <i>Antigastrea catalaunalis</i> , <i>Spodoptera exigua</i> , <i>Mythimna loreyi</i> and <i>Lixus incanescens</i>	Azarbaijan, Tehran, Khuzestan and other date-palm planting areas	96,102,128, 146,169,238,252,303,644,775,786,810
5527. <i>Microplites</i> sp.	Parasitoid of <i>Mythimna loreyi</i>	Khuzestan	810
5528. <i>Microtypus</i> sp	Parasitoid and collected on pasture and forest plants	Fars	55
5529. <i>Opius monilicornis</i> Fisch.	Parasitoid of <i>Liriomyza cicerina</i>	West Azarbaijan	18
5530. <i>O.</i> sp.	Parasitoid of <i>Pegomyia betae</i>	Tehran	188
5531. <i>Orgilus obscurator</i> Nees	Parasitoid of <i>Recurvaria nanella</i>	"	128,238,663,722
5532. <i>Phanerotoma kaktay</i> Kok.	Parasitoid and collected on pasture and forest plants	Fars	55
5533. <i>P. masiana</i> Fahr.	" " " " "	"	55
5534. <i>P. ocularis</i> Kohl.	Parasitoid of <i>Batrachedra amydraula</i> and <i>Plodia interpunctella</i>	Date-palm planting areas	128,303
5535. <i>P. parva</i> Kok.	Parasitoid and collected on pasture and forest plants	Fars	55
5536. <i>Praon exoletum palitans</i> Mues.	Parasitoid of <i>Therioaphis maculata</i> and <i>Acyrtosiphon pisum</i>	Generally distributed	252,557
5537. <i>Rhogas</i> sp.	Parasitoid of <i>Spodoptera exigua</i>	Tehran	111,252

Scientific name	Host	Distribution	Reference no.
5538. <i>Spathius radjabii</i> Fisch.	Parasitoid of <i>Sphenoptera davatchii</i> , <i>S.kambyes</i> and <i>Chrysobothrys affinis</i>	Tehran,Zanjan, Semnan, Kordestan, Markazi	128,176,662,665
5539. <i>Triaspis thoracicus</i> Curt.	Parasitoid of <i>Bruchus rufimanus</i> larvae	Mazandaran,Tehran,	786

## FAMILY CEPHIDAE

Scientific name	Host	Distribution	Reference no.
5540. <i>Cephus pygmaeus</i> (L.) Syn.: <i>Tenthredo longicornis</i> Fourc., <i>T. polygonus</i> Gm.	Wheat and sometimes barley,rye, horay cress, flix weed, oat, <i>Lisaea heterocarpa</i> and <i>Euphorbia heterodera</i>	Tehran, Markazi and probably other northern and central provinces	21, 69, 127, 128, 132,240,292,293, 295, 296, 296/1, 297,750,877
5541. <i>Syrista parreyssi</i> (Spin.) Syn.: <i>Cephus orientalis</i>	Barberry,dog-rose and other roses	Tehran,Khorasan and other northern provinces	6,129,252,791
5542. <i>Trachelus</i> (= <i>Cephus</i> ) <i>tabidus</i> (F.) Syn.: <i>Tenthredo longicollis</i> Fourc., <i>Trachelus haemorrhoidalis</i> Jur.	Wheat and sometimes barley	Fars,Tehran and probably other northern and central provinces	128,132,252,444

## FAMILY CERATINIDAE

Scientific name	Host	Distribution	Reference no.
5543. <i>Ceratina callosa</i> F.	Tree of heaven	Tehran and central provinces	6,129,252

## FAMILY CHALCEDECTIDAE

Scientific name	Host	Distribution	Reference no.
5544. <i>Chalcedectus balachowskyi</i> Steff.	Parasitoid of <i>Osphranteria coerule-scens</i>	Fars	665

## FAMILY CHALCIDIDAE (= Chalcidae)

Scientific name	Host	Distribution	Reference no.
5545. <i>Brachymeria femorata</i> Pz.	Parasitoid of <i>Acrobasis</i> sp. nr. <i>strisquamella</i>	Esfahan	142,146,188
5546. <i>B. intermedia</i> Nees	Parasitoid of <i>Ocneria dispar</i> , <i>O. poenitens</i> , <i>O. terebinthina</i> , <i>Ocnerogyia amanda</i> and <i>Leucoma wiltshieri</i>	Kerman,Fars,Esfahan,Tehran	5,8,117,146, 252, 531
5547. <i>Dirhinus himalayanus</i> Westw.	Parasitoid of <i>Musca domestica</i>	Tehran	498
5548. <i>Elachertus proteoteratis</i>	Parasitoid of <i>Cephus pygmaeus</i>	In Iran	127,128
5549. <i>Euchalcidia nigripes</i> Fauc.	Parasitoid of <i>Recurvaria pistaciicola</i>	Zanjan	109,128,252
5550. <i>Lariophagus distinguendus</i> Forst.	Parasitoid of larvae and pupae of <i>Sitophilus granarius</i> and <i>S. oryzae</i>	Gilan,Tehran	146,786



Scientific name	Host	Distribution	Reference no.
5551. <i>Trechus insidiosus</i> Graw.	Parasitoid of <i>Psylla pyricola</i>	In Iran	128

#### FAMILY CHRYSIDIDAE

Scientific name	Host	Distribution	Reference no.
5552. <i>Stilbum cyanurum</i> Forst.	—	In Iran	242
5553. <i>Tetrachrysis ignita</i> L.	—	" "	242

#### FAMILY CIMBICIDAE

Scientific name	Host	Distribution	Reference no.
5554. <i>Abia sericea</i> (L.)	Strawberry, succisa, knautia	Gilan	218

#### FAMILY COLLETIDAE

Scientific name	Host	Distribution	Reference no.
5555. <i>Colletes</i> sp.	Lucerne	Tehran, Kermanshah, Fars	242,848
5556. <i>Hylaeus</i> sp.	"	Tehran	242,848

#### FAMILY CYNIPIDAE

Scientific name	Host	Distribution	Reference no.
5557. <i>Adleria</i> (= <i>Cynips</i> ) <i>caput-medusae</i> (Hart.)	<i>Quercus infectoria</i>	West Azarbaijan, Kordestan, Lorestan, Khorasan	6,129, 142, 145, 252
5558. <i>A.</i> (= <i>Cynips</i> ) <i>insana</i> Mayr	<i>Quercus infectoria</i> and <i>Q. komarovii</i>	Azarbaijan, Kordestan, Khorasan	6,129, 142, 145
5559. <i>Andricus bayssoni</i> Kieff.	<i>Quercus carduchorum</i> , <i>Q. libani</i> and <i>Q. brandtii</i>	West Azarbaijan, Kordestan, Fars and other southern provinces	6,129, 145
5560. <i>A. ceconi</i> Kieff.	<i>Quercus infectoria</i>	Western provinces and forests of Zagros mountains	6,129, 145
5561. <i>A. fecundatrix</i> Hart.	" "	West Azarbaijan, Kordestan and Zagros mountains	6,129, 142, 145
5562. <i>A. grossulariae</i> (Gir.)	Oak	Kordestan	6,129, 145
5563. <i>A. lucidus</i> Hart.	"	Kordestan and other western provinces	6,129, 145
5564. <i>A. panteli</i> Kieff.	<i>Quercus infectoria</i>	West Azarbaijan	6,129, 145
5565. <i>A. solitarius</i> Fonsc.	" "	Kordestan and other western provinces	6,129, 145
5566. <i>Aphelonyx cerricola</i> Gir.	<i>Quercus infectoria</i> and <i>Q. libani</i>	Fars, Kordestan, Kermanshah and other western and north-western provinces	6,129, 145
5567. <i>Biorrhiza pallida</i> (Ol.)	<i>Quercus infectoria</i>	West Azarbaijan, Kordestan	6,129, 145
5568. <i>Cynips conglomerata</i> Gir.	" "	Western, southern and south-western provinces	6,129, 145
5569. <i>C. coriaria</i> Haim.	Oak	Kordestan	6,129, 142, 145

Scientific name	Host	Distribution	Reference no.
5570. <i>Cynips hartigi</i> Hart.	<i>Quercus infectoria</i>	West Azarbaijan, Kordestan	6,129,145
5571. <i>C. hungarica</i> Hart.	" "	Lorestan, Kordestan and other western and south-western provinces	6,129, 142, 145, 252
5572. <i>C. (= Andricus) kollari</i> (Hart.)	<i>Quercus infectoria</i> , <i>Q. komarovii</i> and <i>Q. libani</i>	Kordestan and other western, northern, north-western and south-western provinces	6,129, 142, 145, 252
5573. <i>C. lignicola</i> Hart.	<i>Quercus infectoria</i>	West Azarbaijan	6,129,145
5574. <i>C. mediterranea</i> Trott.	" "	West Azarbaijan, Kordestan	6,129,145
5575. <i>C. panteli</i> Tav.	" "	Western provinces	6,129,145
5576. <i>C. quercus-tozae</i> Bosch.	" "	West Azarbaijan, Kordestan	6,129,142,145
5577. <i>C. (= Andricus) theophraster</i> (Trott.) Syn.: <i>Andricus theophrastea</i> Trott.	" "	" " "	6,129,145
5578. <i>C. tinctoria</i> Ol. Syn.: <i>Cynips tinctoria</i> var. <i>nostris</i> De Stef.	" "	Azarbaijan, Kordestan, Lorestan and south-western provinces	6,129,142,145
5579. <i>C. tomentosa</i> Trott.	" "	West Azarbaijan, Kordestan	6,129,145
5580. <i>Dryophanta agama</i> Hart.	" "	Fars, northern and western provinces	6,129,145
5581. <i>D. (= Diplolepis) disticha</i> (Hart.)	" "	Fars, Kordestan	6,129,145
5582. <i>D. (= Cynips) folii</i> (L.)	" "	West Azarbaijan, Kordestan	6,129,142,145
5583. <i>D. pubescentis</i> Mayr	" "	Western provinces	6,129,145
5584. <i>Neuroterus glandiformis</i> Gir.	" "	West Azarbaijan, Kordestan	6,129,142,145
5585. <i>N. lanuginosus</i> Fourc.	<i>Quercus libani</i> and <i>Q. iberica</i>	Azarbaijan, Caspian Sea area, Fars, Kordestan, Lorestan	6,129,145,252
5586. <i>N. lenticularis</i> Ol.	<i>Quercus infectoria</i> and <i>Q. komarovii</i>	West Azarbaijan, Kordestan and eastern provinces	6,129,142,145
5587. <i>N. numismalis</i> Fourc.	<i>Q. infectoria</i> , <i>Q. libani</i> , <i>Q. iberica</i> and <i>Q. komarovii</i>	West Azarbaijan, Kordestan, Fars and Zagros mountains	6,129,145
5588. <i>N. quercus baccarum</i> L.	<i>Quercus infectoria</i>	West Azarbaijan, Kordestan and other western provinces	6,129,145
5589. <i>N. tricolor</i> Hart.	Oak	Kordestan, Lorestan, Fars	6,129,145
5590. <i>Plagiotrochus kiefferianus</i> Tav.	<i>Quercus infectoria</i>	Kordestan, Fars and northern provinces	6,129,245
5591. <i>Rhodites mayri</i> Schle.	Begger rose and other roses	Generally distributed	6,129, 142, 235, 252
5592. <i>R. rosae</i> (L.)	Roses	" "	6,129,252
5593. <i>Synergus albipes</i> Utg.	Oak	Kordestan	142

Scientific name	Host	Distribution	Reference no.
5594. <i>Synophrus olivieri</i> Kieff.	Caucasian oak and wild pear	West Azarbaijan,Gorgan, Fars, Kordestan	6,129,145
5595. <i>Trigonaspis synaspis</i> Hart.	<i>Quercus infectoria</i>	West Azarbaijan,Kordestan	6,129,145

## FAMILY ENCYRTIDAE

Scientific name	Host	Distribution	Reference no.
5596. <i>Ageniaspis</i> (= <i>Holcothorax</i> ) <i>testaceipes</i> (Ratz.)	Parasitoid of <i>Lithocolletis platani</i>	Tehran	128,142,146,188
5597. <i>Anabrolepis zellertedi</i> Westw.	Parasitoid of Coccidae family insects	"	146,874
5598. <i>Anagyrus agragensis</i> Saras. Syn.: <i>Anagyrus indicus</i> Shaf.	Parasitoid of <i>Nipaecoccus viridis</i> and other Pseudococcidae family species	Khuzestan	77,78
5599. <i>A. dactilopii</i> (How.)	Parasitoid of <i>Nipaecoccus viridis</i>	"	77,78
5600. <i>A. dirersicornis</i> Mer.	" " " "	"	77
5601. <i>A. pseudococci</i> Gir.	Parasitoid of <i>Pseudococcus citri</i> and <i>P. filamentosus</i>	Tehran,Fars	142,144,146,446
5602. <i>A. schonherri</i> (Westw.)	Parasitoid of <i>Eulecanium coryli</i> , <i>Pulvinaria betulae</i> , <i>Pseudococcus citri</i> , <i>Phenacoccus aceris</i> and <i>Anarsia lineatella</i>	Caspian Sea area,Tehran,Markazi	252,666
5603. <i>Apterencyrtus microphagus</i> Mayr	Parasitoid of <i>Lepidosaphes malicola</i>	Tehran	146
5604. <i>Blastothrix britannica</i> Gir.	Parasitoid of <i>Eulecanium coryli</i>	Esfahan	128,179,666
5605. <i>B. ilicicola</i> Merc.	" " " "	Chahar Mahal	212
5606. <i>B. sericea</i> (Dal.)	Parasitoid of <i>Eulecanium coryli</i> , <i>E. tiliae</i> , <i>Sphaerolecanium prunastri</i> and <i>Pulvinaria pistaciae</i>	Esfahan,Tehran,Markazi	130,252,666,874
5607. <i>Cerapterocerus mirabilis</i> Westw.	Parasitoid of <i>Aonidiella orientalis</i>	Kerman	128,142,146,188
5608. <i>Chiloneurinus</i> (= <i>Chiloneurus</i> ) <i>microphagus</i> Mayr	Parasitoid of <i>Lepidosaphes malicola</i> and <i>Tecaspis asiatica</i>	Tehran , Semnan, Markazi, Chahar Mahal,Esfahan,Fars	666
5609. <i>Comperiella bifasciata</i> How.	Parasitoid of <i>Aonidiella orientalis</i>	Hormozgan	238
5610. <i>Copidosoma</i> sp.	Parasitoid of <i>Recurvaria pistaciicola</i>	Southern provinces	109,252
5611. <i>Encyrtus</i> (= <i>Ageniaspis</i> ) <i>fuscicollis</i> (Dalm.)	Parasitoid of <i>Hyponomeuta padellus</i> , <i>H. malinellus</i> and <i>H. rorellus</i>	Azarbaijan,Zanjan,Hamadan,Tehran, Markazi	238,663,732
5612. <i>E. lecaniorum</i> Mayr	Parasitoid of <i>Eulecanium coryli</i>	Gilan,Mazandaran	252
5613. <i>Eupoecilopoda perpunctata</i> (Masi)	Parasitoid of Chrysopidae family speeies	Kerman	873
5614. <i>Habrolepis dalmani</i> (Westw.)	Parasitoid of <i>Melanaspis inopinata</i>	In Iran	874
5615. <i>H. pascuorum</i> Merc.	Parasitoid of <i>Parlatoria oleae</i>	Tehran,Markazi	666

Scientific name	Host	Distribution	Reference no.
5616. <i>Habrolepis tergrigiorianae</i> Trj.	Parasitoid of <i>Diaspidiotus prunorum</i> and <i>Eulecanium coryli</i>	Esfahan	128,179,666
5617. <i>Homalotylus quayolei</i> Timb.	Parasitoid of ladybird beetles predatory species	Khuzestan	78
5618. <i>Leptomastix flavus</i> Mer.	Parasitoid of <i>Pseudococcus citri</i> , <i>Phenacoccus aceris</i> and <i>Eulecanium rugulosum</i>	Tehran, Esfahan	252,666,874
5619. <i>Metaphycus helvorus</i> (Comp.)	Parasitoid of <i>Saissetia oleae</i>	Caspian Sea area	238,240
5620. <i>M. lounburgi</i> (Comp.)	" " " "	" " "	238,240
5621. <i>M. punctipes</i> Dalm.	Parasitoid of <i>Eulecanium coryli</i>	Chahar Mahal	217
5622. <i>M. stanleyi</i> (How.)	" " " "	Caspian Sea area	238
5623. <i>Microterys lunatus</i> Dalm.	Parasitoid of <i>Eulecanium coryli</i>	Fars	142,146,217
5624. <i>Ooencyrtus nigerrimus</i>	Parasitoid of <i>Eurygaster integriceps</i>	Tehran, Markazi, Hamadan, Lorestan	666
5625. <i>O. telenomicida</i> Vass.	Parasitoid of <i>Eurygaster integriceps</i> , <i>Aelia</i> sp., <i>Dolycoris baccarum</i> , <i>Carpocoris fuscispinus</i> and <i>Macrocerus marginatus</i>	Tehran, Mazandaran, Markazi, Hamadan, Lorestan	142,146,188,252,666,889
5626. <i>Paralitomastix</i> (= <i>Encyrtus</i> ) <i>varicornis</i> (Nees)	Parasitoid of <i>Anarsia lineatella</i>	Azarbaijan, Tehran, Markazi	128,142,146,188,238,663,722
5627. <i>Prochiloneurus indicus</i> (S.A.A.)	Hyperparasite of Pseudococcidae family species parasitoids	Khuzestan	77,78
5628. <i>Psyllaephagus pistaciae</i> Fer.	Parasitoid of <i>Agonoscena targionii</i>	Pistachio planting areas	512
5629. <i>P.</i> (= <i>Encyrtus</i> ) sp.	Parasitoid of <i>Agonoscena targionii</i> and <i>Cyamophila dicora</i>	Gilan, Kerman, Fars, Esfahan	128,238,252,256,603,873
5630. <i>Syrphophagus aphidivorus</i> (Mayr)	Hyperparasite	Kerman	873

## FAMILY EULOPHIDAE

Scientific name	Host	Distribution	Reference no.
5631. <i>Aspidiotiphagus citrinus</i> (Craw.)	Parasitoid of <i>Aonidiella citrina</i> , <i>Chrysomphalus dictyospermi</i> and <i>Parlatoria oleae</i>	Gilan, Mazandaran	238,252,666
5632. <i>A. citrinus citrinus</i> Graf.	Parasitoid of <i>Ruguloscolytus mediterraneus</i>	In Iran	128
5633. <i>A. lounsburyi</i> Berl. - Pao	—	" "	128
5634. <i>Cirrospilus vittatus</i> Walk.	Parasitoid of <i>Stigmella malella</i>	West Azarbaijan, Tehran	663
5635. <i>Coccophagus lecani</i>	Parasitoid of <i>Coccus hesperidum</i>	Tehran and central provinces	238,240
5636. <i>C. lucimniae</i> (Walk.)	Parasitoid of <i>Coccus hesperidum</i> , <i>Sphaerolecanium prunastri</i> , <i>Eulecanium coryli</i> , <i>Lepidosaphes pistaciae</i> and some other mealybugs	Generally distributed	128,142,146,188,195,240,252,253,666,874

Scientific name	Host	Distribution	Reference no.
5637. <i>Coccophagus silvesterii</i> Comp.	Parasitoid of Coccidae family species	In Iran	874
5638. <i>C. scutellaris</i> Dalm.	Parasitoid of <i>Coccus hesperidum</i> and other Coccidae family species	Generally distributed	128,252,874
5639. <i>Derostenus</i> sp.	Parasitoid of <i>Phytobia</i> sp.	Tehran	111,252
5640. <i>Diglyphus isaea</i> Walk.	Parasitoid of <i>Liriomyza cicerina</i>	West Azarbaijan	18
5641. <i>D.</i> sp. prob. <i>sabulosus</i> Erdos.	Parasitoid of <i>Pegomyia betae</i>	Tehran	146,188
5642. <i>Enaysma niveipes</i> (Thoms.)	Parasitoid of minose insects	Khuzestan	146
5643. <i>Entedon antispilae</i> Rond.	Parasitoid of <i>Holocacista rivillei</i>	Tehran	238
5644. <i>E. leucogramma</i> Ratz.	Parasitoid of <i>Ruguloscolytus mediterraneus</i> , <i>Phloeosinus bicolor</i> and <i>Scolytochelus multistriatus</i>	East Azarbaijan, Tehran, Markazi, Zanjan	128,141,142,146,188,662,665
5645. <i>Euplectrus flavipes</i> (Frons.)	Parasitoid of <i>Spodoptera exigua</i>	Fars, Tehran	146,224
5646. <i>Necremnus leucarthros</i> (Nees)	Parasitoid of <i>Hypera variabilis</i>	East Azarbaijan	47
5647. <i>Neochrysocharis aratus</i> Walk.	Parasitoid of <i>Oscinella frit</i>	Gorgan, Tehran	142,146
5648. <i>Solenotus</i> sp.	Parasitoid of <i>Syringopais temperatella</i>	Khuzestan	127,221,252
5649. <i>Sympiesis altilis</i> Del.	Parasitoid of <i>Phyllonorycter turanica</i> and <i>Lithocolletis</i> sp.	Tehran	128,146
5650. <i>S. gordius</i> Walk.	Parasitoid of <i>Phyllonorycter corylifoliella</i> , <i>P. blancardella</i> and <i>Leucop-tera scitella</i>	Markazi	663
5651. <i>S. sericeicornis</i> Nees	Parasitoid of <i>Phyllonorycter turanica</i> and <i>Lithocolletis platani</i>	Tehran	128,146
5652. <i>Tetrastichus brevistigma</i> Gah.	Parasitoid of <i>Galerucella luteola</i>	Tehran	91,92,146,328
5653. <i>T. epilachnae</i> G.	Parasitoid of <i>Exochomus</i> spp., <i>Chilocorus</i> spp. and other ladybird beetles	Tehran, Caspian Sea area	252,256
5654. <i>T. evonumelloe</i> Bouche	Parasitoid of <i>Pseudococcus</i> sp.	Tehran	146,628
5655. <i>T. galerucae</i> Fons.	Parasitoid of <i>Galerucella luteola</i>	"	142,146,628
5656. <i>T. insertus</i> Ratz.	Parasitoid of <i>Hypera variabilis</i>	"	239,321,515,556
5657. <i>T. xanthomelaenae</i> Rond. Syn.: <i>Tetrastichus galerucae</i> Fons.	Parasitoid of <i>Galerucella luteola</i>	"	91,92

#### FAMILY EUMENIDAE

Scientific name	Host	Distribution	Reference no.
5658. <i>Eumenes maxillosa dimidiatipennis</i> Sauss.	—	Generally distributed	242

Scientific name	Host	Distribution	Reference no.
5659. <i>Eumenes mediterraneus</i> Krght.	—	Tehran	242
5660. <i>Odynerus grandis</i> Mor.	Grapevine	In Iran	242

## FAMILY EUPELMIDAE

Scientific name	Host	Distribution	Reference no.
5661. <i>Anastatus disparis</i> Rusch.	Parasitoid of <i>Lymantria dispar</i>	In Iran	663
5662. <i>Cerambycolus</i> sp. prob. <i>cicadae</i> Gir.	Parasitoid of <i>Cicadatra ochreatea</i>	Hamadan	142,146
5663. <i>Eupelmus cicadae</i> Silv.	" " " "	"	142,146
5664. <i>Macroneura muellneri</i> Rusch.	Parasitoid of <i>Sphenoptera davatchii</i> and <i>Ruguloscolytus mediterraneus</i>	Tehran, Markazi	128,662,665

## FAMILY EURYTOMIDAE

Scientific name	Host	Distribution	Reference no.
5665. <i>Bruchophagus</i> (= <i>Eurytoma</i> ) <i>roddi</i> (Guss.)	Lucerne and sickle medick	Azarbaijan, Zanja, Kermanshah, Hamadan, Tehran, Kordestan	90,240,786,889
5666. <i>Eurytoma amygdali</i> End.	Almond, apricot, garden plum, sloe tree	Most almond planting areas	6,23,128,129,155, 176,240,252,481, 849,889
5667. <i>E. arctica</i> Thoms.	Parasitoid of <i>Smicronyx robustus</i>	Markazi	217
5668. <i>E. curculionum</i> Mayr	" " " "	"	217
5669. <i>E. morio</i> Boh.	Parasitoid of <i>Ruguloscolytus mediterraneus</i> and <i>Phloeosinus bicolor</i>	East Azarbaijan, Tehran, Zanja, Esfahan	128,142,146,188, 662,665
5670. <i>E. plotnikovi</i> Nik.	Pistachio	East Azarbaijan, Zanja, Khorasan, Semnan, Markazi, Fars, Esfahan, Kerman and other pistachio planting areas	69,128, 129, 240, 252,889
5671. <i>E.</i> sp. nr. <i>infracta</i> Mayr	—	Zanja, Tehran	142,146
5672. <i>E.</i> sp. nr. <i>strigifrons</i> Thoms.	Parasitoid of <i>Acanthiophilus helianthi</i>	Tehran	142,146
5673. <i>Harmolita aptera</i> Port. Syn.: <i>Harmolita grandis</i> Ril.	Wheat	"	252
5674. <i>H. tritici</i> Fitch.	"	"	240,889

## FAMILY EVANIIDAE

Scientific name	Host	Distribution	Reference no.
5675. <i>Evania dimidiata</i> Spin. Syn.: <i>Evania abyssinica</i> Westw.	—	East Azarbaijan, Tehran, Gilan, Mazandaran, Gorgan, Markazi, Esfahan and other central provinces	854
5676. <i>E. schlettereri</i> Kohl.	—	West Azarbaijan, Yazd, Esfahan, Khuzestan	854

## FAMILY FORMICIDAE

Scientific name	Host	Distribution	Reference no.
5677. <i>Camponotus ligniperda</i> Latr.	Willow,ash,beech,oak,birch	Northern provinces	6,129,254
5678. <i>Cataglyphis vesticus</i> F.	Predator of <i>Earias insulana</i>	Khuzestan	252,753
5679. <i>Cermastogaster inermis</i> Mayr	—	Tehran	66
5680. <i>C. scutellaris</i> Ol.	Citrus,tung,oak	Northern provinces	252
5681. <i>Messor cauducus</i> Motsch.	—	Tehran	66
5682. <i>M. dentatus</i> Thome.	—	"	66
5683. <i>M. ebeninus</i> (Santschi)	—	"	66
5684. <i>M. muticus</i> (Nylan.)	—	"	66
5685. <i>Monomorium salomonis</i> L.	Predator of <i>Earias insulana</i>	Khuzestan	252,753
5686. <i>Pheidole pallidula</i> Nylan.	—	Tehran	66
5687. <i>P. teneriffana</i> Forel	—	"	66
5688. <i>Polyrachis simplex</i> May.	Predator of <i>Sesamia nonagrioides</i>	Khuzestan	15
5689. <i>Tapinoma simrothi karavajevi</i> Em.	Different food materials	Northern provinces	252,786
5690. <i>Tetramorium chefteki</i> Forel	—	Tehran	66
5691. <i>T. davidi</i> Forel	—	"	66
5692. <i>T. moraviacum</i> Krat.	—	"	66

## FAMILY GASTERUPTIONIDAE

Scientific name	Host	Distribution	Reference no.
5693. <i>Gasteruption foveolum</i> Szepl.	—	Khuzestan,Mazandaran	854
5694. <i>G. jaculator</i> (L.)	—	Khuzestan,Markazi	854
5695. <i>G. rubricanus</i> (Guer.)	—	Tehran	854

## FAMILY HALICTIDAE

Scientific name	Host	Distribution	Reference no.
5696. <i>Evylaeus</i> sp.	—	East Azarbaijan	242
5697. <i>Halictus cephalicus</i> (Mor.)	Lucerne	Tehran	848
5698. <i>H. polinosus</i> (Sich.)	"	"	848
5699. <i>H. resurgenes</i> (Nurse)	"	"	848
5700. <i>Nomia bispinosa</i> (Br.)	"	"	848
5701. <i>N. divercipes</i> (Latr.)	"	"	848
5702. <i>Sphcodes</i> sp.	—	East Azarbaijan	242

## FAMILY ICHNEUMONIDAE

Scientific name	Host	Distribution	Reference no.
5703. <i>Barylypa uniguttatum</i> Grav.	Parasitoid of <i>Spodoptera exigua</i>	Tehran	142,146,186
5704. <i>Bathyplectes anurus</i> Thom.	Parasitoid of <i>Hypera variabilis</i>	"	127,239,321,556
5705. <i>B. corvina</i> Thom. Syn.: <i>Bathyplectes anurus</i> Thom.	" " " "	Khuzestan	252,556
5706. <i>B. curculionis</i> Thom.	" " " "	Tehran	127,239,321,556
5707. <i>Campoplex</i> (= <i>Omorgus</i> ) <i>ensator</i> (Grav.)	Parasitoid of <i>Hyponomeuta malinellus</i> and <i>Spodoptera exigua</i>	Tehran,Fars	128,142,146,188, 238,663
5708. <i>C. multinctus</i> Grav.	Parasitoid of <i>Hyponomeuta</i> spp.	Tehran	252
5709. <i>Casinaria tenuiventris</i> (Grav.)	Parasitoid of <i>Lymantria dispar</i>	In Iran	663
5710. <i>Coccygomimus instigator</i> (F.)	Parasitoid of <i>Lymantria dispar</i> and <i>Hyponomeuta malinellus</i>	Tehran	146,663
5711. <i>C. turionellae</i> L.	Parasitoid of <i>Rhyacionia buoliana</i>	Northern provinces	554
5712. <i>Cryptus inculcator</i> L. Syn.: <i>Cryptus esponsor</i> F.	Parasitoid of <i>Spodoptera exigua</i> and <i>Cynips kollari</i>	Fars,Tehran,Kordestan	142,146,188,460
5713. <i>Dicaelotus</i> sp.	Parasitoid of <i>Gnorimoschema ocelatella</i>	Esfahan	252
5714. <i>Ephialtes caudatus</i> Ratz.	Parasitoid of <i>Laspeyresia pomonella</i>	Fars,Markazi,Gorgan	663
5715. <i>Exidechthis canescens</i> (Grav.)	Parasitoid of <i>Ephestia</i> spp. and <i>Plodia interpunctella</i>	Tehran	252
5716. <i>Herpestomus brunnicornis</i> (Grav.)	Parasitoid of <i>Hyponomeuta malinellus</i>	"	146
5717. <i>Horogenes</i> sp.	Parasitoid of <i>Gnorimoschema ocelatella</i>	Esfahan	252
5718. <i>Hyposoter</i> sp.	—	Khuzestan	127
5719. <i>Itopectis europeator</i> Aub.	Parasitoid of <i>Hyponomeuta malinellus</i>	East Azarbaijan,Tehran	128,142,146,188, 238,663
5720. <i>Lymantrichneumon disparis</i> Poda	Parasitoid of <i>Lymantria dispar</i>	In Iran	663
5721. <i>Phobocampe</i> sp.	" " " "	" "	663
5722. <i>Pimpla turionellae</i> L.	Parasitoid of <i>Hyponomeuta malinellus</i> , <i>Laspeyresia pomonella</i> and <i>Archips rosanus</i>	East Azarbaijan , Tehran and most other fruit trees planting areas	128,142,146,188, 240,663
5723. <i>Pristomerus vulnerator</i> Pz.	Parasitoid of <i>Laspeyresia pomonella</i>	Tehran	663
5724. <i>Rhyssa</i> sp.	Parasitoid of <i>Sciapteron tabaniformis</i>	"	252
5725. <i>Stenichneumon</i> sp.	Parasitoid of <i>Sesamia nonagrioides</i> pupae	Khuzestan	15
5726. <i>Temelucha</i> sp.	" " " "	"	15



Scientific name	Host	Distribution	Reference no.
5727. <i>Xorides corcyrensis</i>	Parasitoid of <i>Ospherantheria coerulea</i>	Fars, Kerman	128,240,665,800

### FAMILY MEGACHILIDAE

Scientific name	Host	Distribution	Reference no.
5728. <i>Anthidium affine</i> Mor.	—	Fars	242
5729. <i>A. cingulatum</i> Latr.	—	Azərbayjan	242
5730. <i>A. dalmaticum</i> Mocs	—	Tehran	242
5731. <i>A. florentinum</i> F.	Lucerne, sainfoin, sweet clover, sunflower	Caspian Sea area, Gorgan, Tehran, Zanjan, Hamadan, Lorestan, Fars	242,516,848,853,855
5732. <i>A. latreillei</i> Lep.	—	Azərbayjan	242
5733. <i>A. limbiferum</i> Mor.	—	Fars	242
5734. <i>A. (= Protanthidium) oblongatum</i> (Latr.)	—	Tehran	242
5735. <i>A. (= Anthidiellum) strigatum</i> (Pz.)	—	Tehran, Kermanshah	242
5736. <i>A. variegatum</i> F.	—	Tehran	242
5737. <i>Anthocopa</i> sp.	—	"	242
5738. <i>Chalchosmia</i> sp.	—	"	242
5739. <i>Chalicodoma rubripes</i> (Sm.)	Lucerne	"	848
5740. <i>Coelioxys</i> sp.	—	"	242
5741. <i>Icteranthis bartholome</i> Rad.	—	"	242
5742. <i>Lithurgus chrysurus</i> (Fon.)	Lucerne	"	848
5743. <i>L. tibialis</i> (Morw.)	"	"	848
5744. <i>Megachile analis</i> Nyl.	Roses	Generally distributed	6,129
5745. <i>M. (= Eutricaria) argentata</i> (F.)	—	Tehran	242
5746. <i>M. (= Eutricaria) cancellata</i> (Sem.)	Lucerne	Fars, Tehran	242,848
5747. <i>M. ericetarum</i> (Lep.)	"	Tehran	848
5748. <i>M. (= Eutricaria) flavipes</i>	—	"	242
5749. <i>M. maritima</i> (K.)	Lucerne	"	848
5750. <i>M. rotundata</i> F.	"	Tehran, Mazandaran, Gorgan	242,516,848
5751. <i>M. rufipes</i>	Lucerne, sainfoin, sweet clover	Zanjan, Hamadan, Tehran	853,855
5752. <i>M. sericans</i> Yonoc.	—	Tehran	242
5753. <i>M. (= Eutricaria) terminata</i>	—	Fars	242

Scientific name	Host	Distribution	Reference no.
5754. <i>Meganthidium christophii</i> Mor.	—	Tehran	242
5755. <i>Osmia coerulescens</i> Dal.-Tor.	Lucerne	"	848
5756. <i>O. coerulescens coerulescens</i>	—	"	242
5757. <i>O. rufa</i> L.	—	Mazandaran	242
5758. <i>Trachusa pubescens</i> Mor.	—	Tehran	242

## FAMILY MEGALODONTIDAE

Scientific name	Host	Distribution	Reference no.
5759. <i>Megalodontes olivieri</i> Brulle	Rue, haplophyllum	Gilan	218

## FAMILY MELITTIDAE

Scientific name	Host	Distribution	Reference no.
5760. <i>Melitta leporina</i> Pz.	Clover, sweet clover, lucerne	Azarbaijan, Hamadan, Lorestan, Tehran, Elburz mountains	242,848,853

## FAMILY MUTILLIDAE

Scientific name	Host	Distribution	Reference no.
5761. <i>Dasylabris maura</i> L.	—	Tehran	242
5762. <i>Mutilla littoralis</i> Pt.	—	"	242
5763. <i>Timula</i> (= <i>Trogaspida</i> ) sp.	—	"	242

## FAMILY MYMARIDAE

Scientific name	Host	Distribution	Reference no.
5764. <i>Patasson</i> sp.	Parasitoid of <i>Hypera variabilis</i>	Khuzestan	127,252,556

## FAMILY ORMYRIDAE

Scientific name	Host	Distribution	Reference no.
5765. <i>Ormyrus hungaricus</i> Erdos.	Parasitoid of <i>Acanthiophilus helianthi</i>	Kordestan	142,146
5766. <i>O. punctiger</i> Westw.	Parasitoid of <i>Neuroterus lenticularis</i>	Kordestan, Zanzan	142,146,188

## FAMILY POMPILIDAE (= Psammocharidae)

Scientific name	Host	Distribution	Reference no.
5767. <i>Anoplius</i> (= <i>Lophopompilus</i> ) sp.	—	In Iran	242
5768. <i>Balazonellus lacertida</i> Pall.	—	" "	242
5769. <i>Ceropalus</i> sp.	—	" "	242

Scientific name	Host	Distribution	Reference no.
5770. <i>Cryptocheilus rubellus</i> Evers.	—	In Iran	242
5771. <i>Motist</i> sp.	—	" "	242

## FAMILY PTEROMALIDAE

Scientific name	Host	Distribution	Reference no.
5772. <i>Anisopteromalus calandrae</i> (How.)	Parasitoid of <i>Callosobruchus</i> spp. and <i>Sitophilus granarius</i>	Khorasan, Tehran, Boushehr	70,146
5773. <i>A. mollis</i> Rusch.	Parasitoid of <i>Ruguloscolytus mediterraneus</i> and <i>Callosobruchus quadrimaculatus</i>	Tehran, Kermanshah, Gorgan	142,146,188,786
5774. <i>Bruchebius laticeps</i> Ashm.	Parasitoid of some beetles	Khuzestan	786
5775. <i>Cheiropachus colon</i> L.	Parasitoid of <i>Ruguloscolytus mediterraneus</i> , <i>Phloeosinus bicolor</i> and collected on apple, peach, apricot, cherry and plum	East Azarbaijan, Tehran, Markazi, Fars, Esfahan, Zanjan, Hamadan, Lorestan	128,141,142,146,188,238,662,664
5776. <i>Cryogaster vulgaris</i> Walk.	Parasitoid of <i>Oscinella frit</i>	Gorgan	142,146
5777. <i>Cryptoxyx pistaciae</i> Nik.	Parasitoid of <i>Megastigmus pistaciae</i> and also on pistachio	East Azarbaijan, Zanjan, Khorasan, Semnan, Tehran, Markazi, Fars, Esfahan, Kerman	128,252
5778. <i>Dibrachoides druso</i> Walk.	Parasitoid of <i>Hypera variabilis</i>	Khuzestan	127,252,556
5779. <i>Dibrachys boarmiae</i> (Walk.)	Parasitoid of <i>Euzophera bigella</i> , <i>Laspeyresia pomonella</i> , <i>Hyponomeuta padellus</i> and <i>Achroia grisella</i>	Tehran, Gilan	146,252,317,332,663
5780. <i>D. cavus</i> Walk.	Parasitoid of <i>Kermania pistaciella</i>	Kerman	598
5781. <i>D. sp. prob. cavus</i> Walk.	Parasitoid of <i>Didesmococcus unifasciatus</i>	East Azarbaijan	666
5782. <i>Euneura laeviuscula</i> Grah.	Parasitoid of <i>Pterochlorus persicae</i> and <i>P. salignus</i>	Tehran	146
5783. <i>Eupteromalus</i> sp.	Parasitoid of <i>Oscinella frit</i>	Kerman, Gorgan	142,146
5784. <i>Habrocytus grandis</i> Walk.	Parasitoid of <i>Anthonomus pomorum</i>	Most of areas	665
5785. <i>H. sp.</i>	Parasitoid of <i>Hypera variabilis</i>	In Iran	556
5786. <i>Halticoptera aenea</i> Walk.	Parasitoid of <i>Oscinella frit</i>	Kerman, Gorgan	142,146
5787. <i>Heydenia pretiosa</i> Forst.	Parasitoid of <i>Sphenoptera davatchii</i> , <i>Ruguloscolytus mediterraneus</i> and <i>Phloeosinus bicolor</i>	Tehran, Markazi, Kordestan, Hamadan, Zanjan	128,141,142,146,188,662,665
5788. <i>Mormoniella vitripennis</i> Walk.	Parasitoid of <i>Musca domestica</i>	Chahar Mahal, Hormozgan, Tehran	389
5789. <i>Muscidifurax raptor</i> Gir. - Sand.	" " " "	" " " "	389
5790. <i>Oxysychnus</i> sp.	Parasitoid of <i>Sphenoptera davatchii</i> and <i>S. cambyses</i>	Markazi, Tehran	128,662,665

Scientific name	Host	Distribution	Reference no.
5791. <i>Pachyneuron aphidis</i> Bouche	Parasitoid of <i>Euphyllura olivina</i> , <i>Brevicoryne brassicae</i> and other aphids	Zanjan, Tehran, Khuzestan, Kerman	146,188,441,582, 873
5792. <i>P. muscarum</i> L. Syn.: <i>Pachyneuron concolor</i> Forst.	Parasitoid of <i>Nippaecoccus viridis</i> and other Pseudococcidae family species	Khuzestan	77,78
5793. <i>Pteromalus puparum</i> L.	Parasitoid of <i>Papilio demoleus demoleus</i> , <i>Lepidosaphes malicola</i> , <i>Pieris brassicae</i> and <i>Vanessa cardui</i>	Kerman, Tehran, Gorgan, Khuzestan	142,146,188,263
5794. <i>Rhaphitelus maculatus</i> Walk.	Parasitoid of <i>Ruguloscolytus mediterraneus</i> and collected on apple, peach, apricot, plum and cherry	East Azarbaijan, Tehran, Markazi, Esfahan, Zanjan, Hamadan	128,141,142,146, 188,238,662,665 409/2
5795. —	—	—	—
5796. <i>Sphagigaster orobanchiae</i> Kurdj.	—	Tehran, Zanjan	142,146
5797. <i>Urolepis</i> sp.	Parasitoid of <i>Ephydra afghanica</i>	Esfahan	153

## FAMILY SCELIONIDAE

Scientific name	Host	Distribution	Reference no.
5798. <i>Gryon monspeliensis</i>	Parasitoid of <i>Eurygaster integriceps</i>	Tehran, Hamadan, Markazi, Lorestan	666
5799. <i>Hadronotus pedester</i> Kieff.	Parasitoid of <i>Eurygaster integriceps</i> and <i>Dolycoris penicillatus</i>	Tehran	252
5800. <i>Panurus politus</i> Mayr	Parasitoid of <i>Eurygaster integriceps</i>	"	252
5801. <i>Platytenomus busseolae</i>	Parasitoid of <i>Sesamia nonagrioides</i>	Khuzestan	14
5802. <i>P. hylas</i> Nix.	Parasitoid of <i>Sesamia nonagrioides</i> and other species of this genus	"	11,15
5803. <i>Telenomus chloropus</i>	Parasitoid of <i>Eurygaster testudinaria</i>	Mazandaran	552
5804. <i>T. heydenie</i> Mayr	Parasitoid of <i>Lixus incanescens</i>	West Azarbaijan	644
5805. <i>T. minimus</i> Ash.	—	Gilan, Mazandaran	127
5806. <i>T. sokolovi</i> Mayr	Parasitoid of <i>Eurygaster integriceps</i>	Tehran, Esfahan	142,146,252,737, 889
5807. <i>Trissolcus</i> (= <i>Asolcus</i> ) <i>basalis</i> (Wall.)	Parasitoid of <i>Eurygaster integriceps</i> , <i>Dolycoris baccarum</i> , <i>Carpocoris fuscispinus</i> , <i>Apodiphus amygdali</i> and <i>Aelia acuminata</i>	Hamadan, Tehran, Esfahan, Lorestan, Markazi	127,142,146,188, 508,666,677,737, 889
5808. <i>T. detucchii</i> Koz.	Parasitoid of <i>Sesamia nonagrioides</i>	Khuzestan	146
5809. <i>T. festivae</i> Viktor.	Parasitoid of <i>Eurygaster integriceps</i>	Zanjan, Tehran	665/1
5810. <i>T.</i> (= <i>Asolcus</i> ) <i>grandis</i> (Thoms.)	Parasitoid of <i>Eurygaster integriceps</i> , <i>Dolycoris baccarum</i> , <i>Carpocoris fuscispinus</i> , <i>Apodiphus amygdali</i> , <i>Aelia acuminata</i> and <i>Graphosoma lineatum</i>	Generally distributed	79,127,142, 146, 188,401,508,617, 666,677,737,887, 889

Scientific name	Host	Distribution	Reference no.
5811. <i>Trissolcus</i> (= <i>Asolcus</i> ) <i>rufiventris</i> (Mayr)	Parasitoid of <i>Eurygaster integriceps</i> , <i>Dolycoris penicillatus</i> and <i>Aelia furcula</i>	Hamadan, Tehran, Markazi, Mazandaran, Lorestan	127,142,146,188, 252,508,666,677, 737,889
5812. <i>T.</i> (= <i>Asolcus</i> ) <i>semistriatus</i> (Nees)	Parasitoid of <i>Eurygaster integriceps</i> , <i>Dolycoris baccarum</i> , <i>Carpocoris fuscispinus</i> , <i>Apodiphus amygdali</i> and <i>Aelia acuminata</i>	Hamadan, Tehran, Esfahan, Fars, Khorasan, Markazi, Lorestan, Ardabil	58, 59, 127, 142, 146,188,252,286, 508,666,677,737, 861,887,889
5813. <i>T.</i> (= <i>Asolcus</i> ) <i>simoni</i> (Mayr)	Parasitoid of <i>Eurygaster integriceps</i> , <i>Dolycoris baccarum</i> , <i>Carpocoris fuscispinus</i> , <i>Eurydema ornatum</i> , <i>Apodiphus amygdali</i> and <i>Aelia acuminata</i>	Esfahan, Tehran	142,146,252
5814. <i>T.</i> (= <i>Asolcus</i> ) <i>tumidus</i> (Mayr)	Parasitoid of <i>Eurygaster integriceps</i> , <i>Dolycoris baccarum</i> , <i>Carpocoris fuscispinus</i> , <i>Apodiphus amygdali</i> and <i>Aelia acuminata</i>	Zanjan, Tehran, Esfahan, Fars	127,142,146,188, 887,889
5815. <i>T.</i> (= <i>Asolcus</i> ) <i>vassilievi</i> (Mayr)	Parasitoid of <i>Eurygaster integriceps</i> , <i>Dolycoris baccarum</i> , <i>Carpocoris fuscispinus</i> , <i>Apodiphus amygdali</i> , <i>Aelia acuminata</i> and <i>Graphosoma lineatum</i>	Tehran, Esfahan, Kermanshah, Fars, Kerman, Zanjan, Markazi, Hamadan, Lorestan	58,59,79,127,142, 146,188,252,261, 508,666,737,861, 887,889

## FAMILY SCOLIIDAE

Scientific name	Host	Distribution	Reference no.
5816. <i>Campsomeris</i> sp.	—	In Iran	242
5817. <i>Megascolia</i> (= <i>Regiscolia</i> ) <i>flavifrons haemorrhoidalis</i> (F.)	—	Generally distributed	242
5818. <i>Scolia erivanensis</i> Rod.	—	Tehran	242
5819. <i>S.</i> (= <i>Discolia</i> ) <i>hirta</i> Schr.	—	In Iran	242
5820. <i>S. insubrica</i> Scop.	—	" "	242
5821. <i>S. sexmaculata</i> Mull. Syn.: <i>Scolia quadripunctata</i> F.	—	" "	242
5822. <i>Trielis</i> (= <i>Dasyscolia</i> ) <i>ciliata araratica</i> (Rad.)	—	" "	242

## FAMILY SIGNIPHORIDAE

Scientific name	Host	Distribution	Reference no.
5823. <i>Chartocerus</i> sp. nr. <i>kurdjmovi</i> (Nik.)	Hyperparasite	Khuzestan	77
5824. <i>C. subaenus</i> (Forst.)	"	Kerman	873,874

## FAMILY SIRICIDAE (= Uroceridae)

Scientific name	Host	Distribution	Reference no.
5825. <i>Sirex sah</i> Mocs.	Poplar and probably on elm	Northern provinces	129,252

## FAMILY SPALANGIDAE

Scientific name	Host	Distribution	Reference no.
5825/1. <i>Spalangia endius</i> Walk.	Parasitoid of <i>Musca domestica</i>	In Iran	125,126
5826. <i>S. subpunctata</i>	" " " "	Chahar Mahal, Tehran, Hormozgan	389

## FAMILY SPHECIDAE

Scientific name	Host	Distribution	Reference no.
5827. <i>Ammophila dives</i> Brulle Syn.: <i>Ammophila festiva</i> Smith, <i>A. limbata</i> Kreich.	Predator of Lepidoptera larvae	East Azarbaijan	216
5828. <i>A. heydenii</i> Dahl.	—	East Azarbaijan, Tehran, Hormozgan, Kerman	216,242
5829. <i>A. heydenii rubriventris</i> Costa	—	In Iran	242
5830. <i>A. modesta</i> Moc.	—	" "	242
5831. <i>A. sabulosa</i> L.	Predator of Lepidoptera larvae	Tehran, Mazandaran, Gilan, Khuzestan, Kohkilouye	216,242
5832. <i>Bembix bicolor</i> Rad.	—	Northern provinces	242
5833. <i>B. mediterranea</i> Hand.	—	In Iran	242
5834. <i>B. oculata</i> Lat.	—	" "	242
5835. <i>Chalybion femoratum</i> F.	Predator of spiders	Tehran	216
5836. <i>Diodontus minutus</i> F.	Predator of aphids	"	219
5837. <i>D. tristis</i> Van. - Lin.	" " "	"	219
5838. <i>Larra anathema</i> Rossi	—	"	242
5839. <i>Passaloeus gracilis</i> (Curt.)	Predator of aphids	"	219
5840. <i>Pemphredon lethifera</i> (Shuck.)	" " "	"	215
5841. <i>Philanthus triangulum</i> F.	—	In Iran	242
5842. <i>Podalonia</i> (= <i>Ammophila</i> ) <i>erythrocephala</i> (F.) Syn.: <i>Ammophila cyanipennis</i> Lep.	—	Hormozgan, Balouchestan	216
5843. <i>P.</i> (= <i>Ammophila</i> ) <i>hirsuta</i> (Scop.)	Predator of Lepidoptera larvae	Tehran	216,242
5844. <i>P.</i> (= <i>Ammophila</i> ) <i>hirsuta</i> <i>mervensis</i> Rad.	—	Tehran, Gilan	216,242
5845. <i>P.</i> (= <i>Ammophila</i> ) <i>minax</i> Kohl	—	Hormozgan	216
5846. <i>P.</i> (= <i>Ammophila</i> ) <i>morawitzi</i> An. - Edm. Syn.: <i>Psammophila polita</i> Mocs.	—	Khorasan	216
5847. <i>P.</i> (= <i>Ammophila</i> ) <i>tydei</i> (Guill.)	Predator of <i>Agrotis</i> larvae	Tehran, Khorasan, Markazi	216

Scientific name	Host	Distribution	Reference no.
5848. <i>Prionyx macula</i> F.	—	In Iran	216
5849. <i>P. nigropectinatus</i> (Tasch.)	—	Tehran	216
5850. <i>P. niveatus</i> (Dufour)	—	In Iran	216
5851. <i>P. nudatus</i> Kohl	Predator of <i>Oedipoda</i> and <i>Sphingonotus</i> species	Tehran	216
5852. <i>P. songaricus</i> Ev.	—	"	216
5853. <i>P. stschurowski</i> Rad.	—	Mazandaran	216
5854. <i>P.</i> (= <i>Sphex</i> ) <i>viduatus</i> Christ. Syn.: <i>Sphex perezii</i> Berl.	—	Mazandaran, Tehran, Balouchestan	216
5855. <i>Psenulus meridionalis</i> de Beam.	Predator of aphids	Tehran	219
5856. <i>Sceliphron arabs</i> Lep.	—	Tehran, Fars, Khuzestan, Ardabil	216
5857. <i>S. destillatorium</i> Ill.	—	Hamadan, Tehran	242,877
5858. <i>S. madraspatanum pictum</i> Smith Syn.: <i>Pelopoeus pictus</i> Smith	—	Khorasan, Fars, Balouchestan, Hormozgan	216
5859. <i>S. rectum</i> Kohl	—	Boushehr	216
5860. <i>S. spirifex</i> L.	—	In Iran	242
5861. <i>Sphex</i> (= <i>Chilosphex</i> ) <i>argyrius</i> (Brulle)	—	Tehran, Kohkilouye	216
5862. <i>S. eatoni</i> Saund.	—	Hormozgan, Balouchestan, Kerman, Ilam	216
5863. <i>S. flavipennis</i> F.	—	Tehran, Gorgan, East Azarbaijan	216,242
5864. <i>S. haberhaeri</i> Rad.	—	Esfahan	242
5865. <i>S. lividocinctus</i> Costa	—	Khuzestan, Gorgan	216
5866. <i>S. maxillosus</i> F. Syn.: <i>Sphex ruficinctus</i> Brulle	—	Tehran, Hamadan, Kordestan	216,242,877
5867. <i>S. occitanicus</i> Lep.	—	Tehran	242
5868. <i>S. paludosus</i> Rossi	—	In Iran	242
5869. <i>S. pruinosus</i> Germ.	—	East Azarbaijan and probably Mazandaran	216,242
5870. <i>S. regalis</i> Smith	—	Hormozgan, Balouchestan, Kerman	216

## FAMILY TENTHREDINIDAE

Scientific name	Host	Distribution	Reference no.
5871. <i>Allantus</i> (= <i>Tenthredo</i> ) <i>vien-nensis</i> (Schr.)	Roses	Gilan, Mazandaran	6,129

Scientific name	Host	Distribution	Reference no.
5872. <i>Ardis</i> (= <i>Tenthredo</i> ) <i>brunni-ventris</i> (Hart.) Syn.: <i>Ardis bipunctata</i> D. - T.	Roses	Generally distributed	6, 129, 132, 240, 889
5873. <i>Athalia</i> (= <i>Tenthredo</i> ) <i>colibri</i> Chr. Syn.: <i>Tenthredo salicis</i> Schr., <i>T. spinarum</i> L.	Cabbage, radish, mustard, turnip, colza	East Azarbaijan	132,252
5874. <i>Caliroa</i> (= <i>Tenthredo</i> ) <i>limacina</i> (Ratz.) Syn.: <i>Caliroa cerasi</i> L., <i>C. aethiops</i> Evers.	Pear, cherry, sour-cherry, quince, almond, cerasus, sorb tree, cornelian cherry, garden plum, white-thorn, roses, wild pear and some other ornamental trees and shrubs and also many other pomaceous stone fruit trees	Azarbaijan, Caspian Sea area, Kermanshah and other western provinces	6, 112, 128, 129, 132, 176, 186, 240, 252
5875. <i>Croesus persicus</i> Benes.	Alder	Northern provinces	6,129
5876. <i>C.</i> (= <i>Tenthredo</i> ) <i>septentrionalis</i> (L.) Syn.: <i>Tenthredo alni</i> L., <i>T. largipes</i> Ratz.	Birch	Tehran	6,129,132
5877. <i>Hoplocampa</i> (= <i>Tenthredo</i> ) <i>brevis</i> (Klug)	Pear	Tehran, Esfahan and most other pear planting areas	69,128, 132, 176, 200,201,240
5878. <i>H.</i> (= <i>Tenthredo</i> ) <i>flava</i> (L.) Syn.: <i>Tenthredo pruni</i> L., <i>T. ruficapilla</i> Gm.	Plum, garden plum and sometimes on cherry and <i>Prunus divaricata caspica</i>	Most fruit trees planting areas	132,202,238,240
5879. <i>H.</i> (= <i>Tenthredo</i> ) <i>minuta</i> (Chr.) Syn.: <i>Hoplocampa fulvicornis</i> Ed., <i>Tenthredo fulvicornis</i> F.	Plum, garden plum, apricot and sometimes of apple and other fruit trees	Zanjan, Hamadan, Tehran, Mazandaran, Esfahan and most other fruit trees planting areas	69,128,132, 176, 240,252
5880. <i>H.</i> (= <i>Tenthredo</i> ) <i>testudinea</i> (Klug)	Apple	Northern provinces	128,132
5881. <i>Monophadnus elongatulus</i> Klug Syn.: <i>Tenthredo elongatula</i> Klug, <i>Blennocampa elongatula</i> Ed.	Roses	Generally distributed	6,129,132,240
5882. <i>Pontania</i> (= <i>Nematus</i> ) <i>vesicator</i> (Br.)	Willow	" "	6,129
5883. <i>Pteronidea</i> (= <i>Nematus</i> ) <i>fagi</i> (Zadd.)	Beech	Northern provinces	6,129,132
5884. <i>Tomostethus nigrinus clavipennis</i>	Ash	Kohkilouye	547

## FAMILY TORYMIDAE (= Callimomidae)

Scientific name	Host	Distribution	Reference no.
5885. <i>Megastigmus pistaciae</i> Walk. Syn.: <i>Trogocarpus ballestrerii</i> Rond.	Pistachio, hazelnut	East Azarbaijan, Hamadan, Zanjan, Tehran, Markazi, Khorasan, Esfahan, Fars, Semnan and most other pistachio planting areas	69,128,129, 238, 252,473,839



Scientific name	Host	Distribution	Reference no.
5886. <i>Oopristus safavii</i> Steff.	Parasitoid of <i>Apodiphus amygdali</i>	Tehran	142,146,188,737
5887. <i>Paraholaspis cothurnata</i> Ms.	Parasitoid of <i>Acanthiophilus helianthi</i>	"	142,146
5888. <i>Torymus bedeguaris</i> L.	Parasitoid of <i>Rhodites mayri</i>	East Azarbaijan, Tehran, Esfahan	142,146,188
5889. <i>T. nigricornis</i> Boh.	Parasitoid of <i>Cynips</i> sp.	Kordestan	142,146,188

### FAMILY TRICHOGRAMMATIDAE

Scientific name	Host	Distribution	Reference no.
5890. <i>Trichogramma brassicae</i> Voeg.	Parasitoid of <i>Pieris brassicae</i> and <i>Phthorimaea operculella</i>	Tehran	146,555,889
5891. <i>T. cacoeciae</i> March.	Parasitoid of <i>Spectrobates ceratoniae</i>	Yazd, Esfahan, Markazi, Tehran	44,146,619,889
5892. <i>T. embryophagum</i> (Hart.)	Parasitoid of <i>Laspeyresia pomonella</i> , <i>Naranga aenescens</i> , <i>Chilo suppressalis</i> , <i>Spectrobates ceratoniae</i> and <i>Ocnerogyia amanda</i>	Tehran, Markazi, Gilan, Mazandaran, Fars, Yazd	37,44, 146, 619, 663,889
5893. <i>T. embryophagum cacoeciae</i> March.	Parasitoid of <i>Archips rosanus</i> and <i>Laspeyresia pomonella</i>	In Iran	663
5894. <i>T. evanescens</i> (Westw.)	Parasitoid of <i>Laspeyresia pomonella</i>	" "	663
5895. <i>T. maidis</i> Pint - Voeg.	Parasitoid of <i>Chilo suppressalis</i> , <i>Heliothis armigera</i> , <i>Pyrausta nubilalis</i> and <i>Naranga aenescens</i>	Gilan, Gorgan, Mazandaran and other northern provinces	146,147,420,889
5896. <i>T. pintoii</i> Voeg.	Parasitoid of <i>Heliothis armigera</i> , <i>Plusia gamma</i> and <i>Vanessa cardui</i>	" " " " "	146,147,889
5897. <i>T. rhenana</i> Voeg. et Rus.	Parasitoid of <i>Heliothis armigera</i> and <i>Plusia gamma</i>	" " " " "	146,147,889
5898. <i>T. semblidis</i> Awriv.	Parasitoid of <i>Chilo suppressalis</i>	Mazandaran	146,889

### FAMILY VESPIDAE

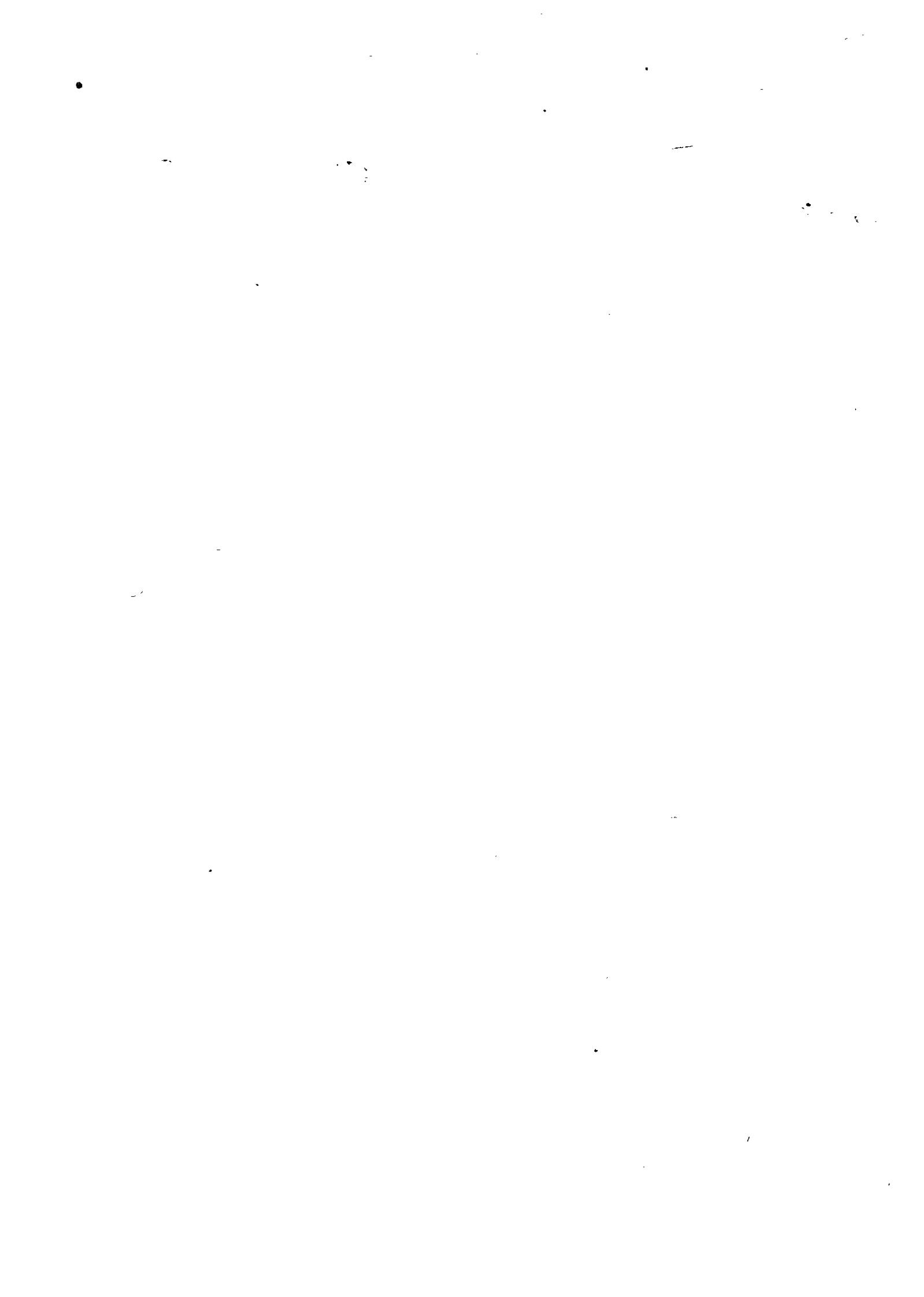
Scientific name	Host	Distribution	Reference no.
5899. <i>Polistes caspica</i> F. - Mor.	Grapevine, apricot and some other fruits	Khorasan, Caspian Sea area	129,252
5900. <i>P. gallicus</i> L.	Date-palm, grapevine	Generally distributed	128,238,242
5901. <i>P. hebroeus</i> F.	Date-palm	In Iran	128
5902. <i>Vespa crabro</i> L.	Predator of honeybee	" "	38,238
5903. <i>V. crabro caspica</i> Perez.	—	Northern provinces	242
5904. <i>V. orientalis</i> F.	Grapevine, apricot, date-palm and other fruits and also predator of honeybee	Generally distributed	128,129,242,252, 381,631
5905. <i>Vespula</i> (= <i>Vespa</i> ) <i>germanica</i> (F.)	Honey, grapevine, apricot and other fruits	" "	38,129,242,252

## FAMILY XIPHYDRIDAE

Scientific name	Host	Distribution	Reference no.
5906. <i>Xiphydria prolongata</i> (Geoff.)	Elm, poplar, willow	Gilan	218

## FAMILY XYLOCOPIDAE

Scientific name	Host	Distribution	Reference no.
5907. <i>Xylocopa</i> (= <i>Koptortosoma</i> ) <i>aestivens</i> (L.)	—	Gilan, Mazandaran	242
5908. <i>X. valga</i> Grest.	Willow, maple, lucerne and also telegraph poles and other dried woods	Gilan, Tehran	129, 242, 252, 848
5909. <i>X. violacea</i> L.	Willow, maple, lucerne, poplar and also telegraph poles and other dried woods	Generally distributed	6, 129, 242, 252, 848



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## Index of host plants

(فهرست راهنمای گیاهان میزبان)

In preparation of this list have been used the references no. 318, 318/1, 338, 499/1, 536, 537, 538, 637/1, 651/1, 720, 812/1, 817, 818, 875, 881, 882 and 883 .

English name	Scientific name	Persian name
Acacia	<i>Acacia</i> sp.	—
Acer insigna	<i>Acer insigna</i>	—
Achillea vermicularis	<i>Achillea vermicularis</i> Trin.	چوپان کبریتی
Acroptilon	<i>Acroptilon</i> sp.	تلخه
Aegilops	<i>Aegilops</i> sp.	شال تسبیحی
Agropyron	<i>Agropyron</i> sp.	—
Agropyron caespitosum	<i>Agropyron caespitosum</i> Koch	—
Agropyron libanoticum	<i>Agropyron libanoticum</i> Hack	—
Agropyron pectiniform	<i>Agropyron pectiniform</i> R. - S.	—
Agropyron squarosum	<i>Agropyron squarosum</i>	—
Agropyron trichophorum	<i>Agropyron trichophorum</i> Rich.	—
Alder	<i>Alnus glutinosa</i> (L.)	توسکای قشلاقی
Alder	<i>Alnus subcordata</i> C.A.M.	توسکای بیلاقی
Aleppo pine	<i>Pinus eldarica</i> Medv.	کاج ایرانی ، کاج تهران
Alhagi	<i>Alhagi camelorum</i> Fisch.	خارشر
Allium speciosa	<i>Allium speciosa</i>	تره ایرانی ، تره
Almond	<i>Amygdalus communis</i> L.	درخت بادام ، بادام معمولی
Althaea	<i>Althaea</i> sp.	ختمی
Amaranthus	<i>Amaranthus</i> sp.	تاج خروس وحشی
Amaryllis	<i>Amaryllis</i> sp.	آماریلیس
Ambrosia	<i>Ambrosia</i> sp.	آمبروسیا
American arbor vitae	<i>Thuja occidentalis</i> L.	سرو خمره‌ای
American poke-weed	<i>Phytolacca americana</i> L.	عنب آمریکا
Amygdalus	<i>Amygdalus</i> sp.	درخت بادام وحشی
Amygdalus spartioides	<i>Amygdalus spartioides</i>	—
Anabasis	<i>Anabasis aphylla</i> L.	شور ، باقل

English name	Scientific name	Persian name
Anchusa	<i>Anchusa</i> sp.	—
Anisc plant	<i>Pimpinella</i> sp.	بادیان، بادپانه
Anthemis hyalina	<i>Anthemis hyalina</i>	—
Anthemis mazandaranica	<i>Anthemis mazandaranica</i> Ir.	—
Anthriscus nervosa	<i>Anthriscus nervosa</i>	—
Apple	<i>Malus orientalis</i> Ugl. Syn. : <i>Malus communis</i> Desf., <i>Pyrus malus</i> L.	درخت سیب
Apricot	<i>Armeniaca vulgaris</i> Lamk. Syn. : <i>Prunus armeniaca</i> L.	درخت زردآلو، قیسی
Arabian jasmine	<i>Jasminum sambac</i> Ait.	گل رازقی
Araucaria	<i>Araucaria</i> sp.	کاج مطبق، اروکاریا
Arbor vitae	<i>Platycladus (=Biota, Thuya) orientalis</i> (L.)	نوش، سرو خمره ای
Arizona cypress	<i>Cupressus arizonica</i>	سرو نقره ای، زربین آمریکایی
Artemisia	<i>Artemisia</i> sp.	—
Artemisia chamaemelifolia	<i>Artemisia chamaemelifolia</i> Vill.	نوعی درمنه
Arthrophytum	<i>Haloxyton (=Arthrophytum) ammodendron</i> (C.A.M.)	تاغ سفید
Artichoke	<i>Cynara scolymus</i> L.	کنگر فرنگی، کنگر، آرتیشو
Arundo	<i>Arundo</i> sp.	—
Ash	<i>Fraxinus excelsior</i> (L.)	درخت زبان گنجشک
Asparagus	<i>Asparagus</i> sp.	مارچوبه
Asphodel	<i>Asphodelus microcarpus</i> Viv.	سریش
Ass's foot	<i>Tussilago farfara</i>	پاخری
Astragale	<i>Astragalus adscendens</i> B.-H.	گز خوانسار، گون گز
Atraphaxis	<i>Atraphaxis spinosa</i> L.	کاروان کش، پرند
Ballota	<i>Ballota</i> sp.	—
Bamboo	<i>Phyllostachys</i> sp.	خیزران، نی خیزران
Banana	<i>Musa paradisiaca</i> L. (= <i>sapinetum</i> L.)	موز
Barberry	<i>Berberis vulgaris</i> L.	زرشک معمولی
Barley	<i>Hordeum vulgare</i> L.	جو
Barnyard grass	<i>Echinochloa colonum</i> (L.)	راخ پاتی
Barnyard grass	<i>Echinochloa</i> sp.	سوروف
Bastard senna	<i>Colutea</i> sp.	دغدغک
Bead tree	<i>Melia azedarach</i> L.	زیتون تلخ، شال زیتون
Bean	<i>Phaseolus vulgaris</i> L.	لوبیا
Bean caper	<i>Zygophyllum eurypterum</i> B.-Buhse	قیج
Bean tree	<i>Ceratonia siliqua</i> L.	خرنوب
Beech	<i>Fagus orientalis</i> Lip.	راش، آلاش

English name	Scientific name	Persian name
Beef wood	<i>Casuarina equisetifolia</i> L.	کازورینا
Beet	<i>Beta vulgaris</i> var. <i>esculenta</i> Salisb.	چغندر لیوی، چغندر
Begger rose	<i>Rosa beggariana</i> Schr.	نوعی نسترن
Begonia	<i>Begonia</i> sp.	بگونیا
Bell-pepper	<i>Capsicum frutescens</i> var. <i>grossum</i> L.	فلفل دلمه ای ، فلفل فرنگی
Berberis	<i>Berberis</i> sp.	—
Bermuda-grass	<i>Cynodon (=Panicum) dactylon</i> (L.)	علف برمودا ، پنجه مرغی
Birch	<i>Betula pendula</i> Roth. Syn.: <i>Betula alba verrucosa</i> (Regel.)	توس ، غان
Bird's trefoil	<i>Lotus corniculatus</i> L.	لوتوس نوک‌دار
Bitter cucumber	<i>Citrullus colocynthis</i> L.	هندوانه ابو جهل
Bitter - sweet	<i>Solanum persicum</i> Willd.	تاجریزی پیچ
Black alder	<i>Rhamnus frangula</i> L.	سیاه توسه ، سیاه توسکا
Black austrian corsican pine	<i>Pinus nigra</i> Link.	کاج سیاه
Black bryony	<i>Tamus communis</i> L.	تمیس
Black cumin	<i>Nigella sativa</i> L.	سیاه دانه ، سیاه تخمه
Black medick	<i>Medicago lupulina</i> L.	یونجه ترمسی
Black mulberry	<i>Morus nigra</i> L.	درخت شاه توت ، درخت توت سیاه
Black nightshade	<i>Solanum nigrum</i> L.	تاجریزی ، تاجریزی سیاه
Black pepper	<i>Piper nigrum</i> L.	فلفل سیاه
Black poplar	<i>Populus nigra</i> Ten.	شالک
Black poplar	<i>Populus nigra nigra</i> (L.)	تبریزی
Black weed	<i>Chenopodium album</i> L.	سلمه ، سلمه تره
Blue - bottle	<i>Centaurea</i> sp.	نوعی گل گندم
Blue - grass	<i>Poa bulbosa</i> L.	چمن تکمه‌ای، چمن پیازی
Boissiera squarrosa	<i>Boissiera squarrosa</i> Nev.	دیزسیانج
Bottle brush	<i>Equisetum arvense</i> L.	دم اسب ، دم اسبی
Bougainvillea	<i>Bougainvillea</i> sp.	گل کاغذی
Box - wood	<i>Buxus hyrcana</i> Poj. Syn.: <i>Buxus sempervirens</i> L.	شمشاد ، شمشاد معمولی ، شمشاداناری، شمشادجنگلی
Brake fern	<i>Pteris aquilina</i> L.	سرخس
Bramble berry	<i>Rubus</i> sp.	تمشک
Bridewort	<i>Filipendula ulmaria</i> (L.)	اسپیره
British inula	<i>Inula britannica</i> L.	زنجبیل فرنگی
Broad bean	<i>Vicia faba</i> L. Syn.: <i>Faba vulgaris</i> Moen.	باقلا
Broad leaved	<i>Epilobium montanum</i> L.	اپیلوبیوم کوهی



English name	Scientific name	Persian name
Brome chess	<i>Bromus danthoniae</i> Trin.	دم موشی ، پلپیک
Brome grass	<i>Bromus danthoniae</i> var. <i>languinosus</i> Rosh.	دم موشی ، کموشک
Bromus	<i>Bromus</i> sp.	برموس
Bromus lanceolatus	<i>Bromus lanceolatus</i>	—
Bromus tectorum var. <i>hirsutus</i>	<i>Bromus tectorum</i> var. <i>hirsutus</i> Reg.	—
Bromus tectorum var. <i>tectorum</i>	<i>Bromus tectorum</i> var. <i>tectorum</i> L.	—
Bromus tomentellus	<i>Bromus tomentellus</i> Boiss.	—
Buck's beard	<i>Taraxacum</i> sp.	شنگ
Buckthorn	<i>Hippophae rhamnoides</i> L.	سنجد تلخ
Buckwheat	<i>Fagopyrum sagittatum</i> Gil.	گندم سیاه
Bulbous barley	<i>Hordeum bulbosum</i> L.	—
Bullace	<i>Prunus insititia</i> L.	درخت آلوی برقانی
Bull-bay	<i>Magnolia grandiflora</i> L.	ماگنولیای سفید ، ماگنولیا
Bulrush	<i>Scirpus lacustris</i> L.	علف بوریا
Burdock	<i>Arctium</i> sp.	بابا آدم
Butterbur	<i>Petasites hybridus</i> (L.)	—
Buttercup	<i>Ranunculus</i> sp.	آلان
Buxus	<i>Buxus</i> sp.	شمشاد کیش
Cabbage	<i>Brassica oleracea</i> var. <i>capitata</i> L.	کلم ، کلم پیچ
Calendula	<i>Calendula</i> sp.	گل همیشه بهار
Calligonum	<i>Calligonum</i> sp.	اسکنبیل
Camellia	<i>Camellia japonica</i> L.	کاملیا
Camphor	<i>Cinnamomum camphora</i> (L.)	درخت کافور
Canada fleabane	<i>Erigeron canadensis</i> L.	پیربهار کانادایی
Cantaloupe	<i>Cucumis melo</i> var. <i>cantalupensis</i>	گرمک ، طالبی
Caper bush	<i>Capparis spinosa</i> L.	کور ، کبر
Carduus	<i>Carduus</i> sp.	کنگر اونی
Carex	<i>Carex</i> sp.	جگن
Carnation	<i>Dianthus caryophyllus</i> L.	گل میخک
Carrot	<i>Daucus carota</i> var. <i>sativa</i> Hoff. Syn.: <i>Daucus carota</i> L.	هویج
Carthamus	<i>Carthamus</i> sp.	نوعی گلرنگ
Castor-bean	<i>Ricinus communis</i> L.	کرچک
Catalonian	<i>Jasminum grandiflorum</i> L.	یاسمن چمپا ، یاس چمپا
Catalpa	<i>Catalpa speciosa</i> Ward.	درخت کاتالپا، درخت جوالدوز
Catberry	<i>Ribes uva-crispa</i> L. Syn.: <i>Ribes grosularia</i> L.	گاش انگورک، گالش انگور
Catchfly	<i>Silene conoidea</i> L.	سیلن ، گنده قوچی

English name	Scientific name	Persian name
Cat's-tail	<i>Typha latifolia</i> L.	لومی برگ پهن
Caucasia oak	<i>Quercus castaneifolia castaneifolia</i> B.M.	بلند مازو، سیاه مازو، مازو، بلوط جنگلی
Cedar	<i>Cedrus</i> sp.	سدر
Cedrat tree	<i>Citrus medica</i> var. <i>cedrata</i>	ترنج
Celery	<i>Apium graveolens</i> L.	کرفس
Centaurea kotschy	<i>Centaurea kotschy</i> B. - H.	—
Centaurea picris	<i>Centaurea picris</i>	—
Centaurea virgata squarrosa	<i>Centaurea virgata squarrosa</i> (Willd.)	جرجرک، گاروک
Cerasus	<i>Cerasus</i> sp.	گیلاس وحشی
Ceratonia	<i>Ceratonia</i> sp.	—
Chaerophyllum crinitum	<i>Chaerophyllum crinitum</i> Boiss.	—
Chaerophyllum macropodum	<i>Chaerophyllum macropodum</i> Boiss.	—
Cheese weed	<i>Malva montana</i> auct.	توله، نوعی پنیرک
Chenopodium	<i>Chenopodium</i> sp.	فازایاقی
Cherry	<i>Cerasus (=Prunus) avium</i> (L.)	درخت گیلاس
Cherry laurel	<i>Laurocerasus officinalis</i> Roem. Syn.: <i>Prunus laurocerasus</i> L.	جل
Chestnut	<i>Castanea sativa</i> Mill.	درخت شاه بلوط، شاه بلوط
Chickling vetch	<i>Lathyrus sativus</i>	خلر
China rose	<i>Hibiscus rosae</i>	بامیه سرخ
Chinese box	<i>Euonymus japonicus</i> var. <i>microphylla</i> Hort.	شمشاد نعمایی
Chinese hawthorn	<i>Photinia serrulata</i> Lind.	سه رنگ
Chir pine	<i>Pinus longifolia</i> Roxb.	کاج کاشفی
Christ's thorn	<i>Zizyphus spina-christi</i> (L.)	کُنار
Chrozophora	<i>Chrosophora</i> sp.	پشموک
Chrysanthemum	<i>Chrysanthemum</i> sp.	گل داودی
Cichorium	<i>Cichorium</i> sp.	کاسنی
Cirsium	<i>Cirsium</i> sp.	—
Citron tree	<i>Citrus medica</i> Risso	بادرنگ، بادرنج، بالنگ
Citrus	<i>Citrus</i> spp.	مرکبات
Clammy locust	<i>Robinia viscosa</i> Marsh.	اقاقیا
Clematis	<i>Clematis</i> sp.	کلمانیس
Clover	<i>Trifolium</i> sp.	شبدر
Cock's eggs	<i>Salpichora rhomboidea</i> Miers	گل محبوبه شب، گل محبوبی، گل محبوب شب
Colerado spurce	<i>Picea pungens</i> Eng.	درخت نوئل نقره ای
Colza	<i>Brassica napus</i> var. <i>oleifera</i> DC.	کلزا، منداب

English name	Scientific name	Persian name
Common agrimony	<i>Agrimonia eupatoria</i> L.	دوای جگر
Common buckthorn	<i>Rhamnus catharticus</i> L.	خوشه انگور، سیاه تیس
Common chicory	<i>Cichorium intybus</i> L.	کاسنی
Common cotton thistle	<i>Onopordon acanthium</i> L.	شکاعی حمار
Common elder	<i>Sambucus nigra</i> L.	انگور کولی
Common falcaria	<i>Falcaria vulgaris</i>	—
Common garden verbena	<i>Verbena hybrida</i>	گل شاه پسند معمولی، گل شاه پسند
Common ivy	<i>Hedera helix</i> L.	عشقه
Common lilac	<i>Syringa vulgaris</i> L.	یاس، یاس خوشه ای
Common mallow	<i>Malva sylvestris</i> L.	پنیرک، پنیرک وحشی
Common mango	<i>Mangifera indica</i> L.	درخت انبه
Common melilot	<i>Melilotus officinalis</i> L.	یونجه زرد، ناخنک
Common pea	<i>Cicer arietinum</i> L.	نخود، نخود معمولی
Common reed	<i>Phragmites communis</i> Trin.	نی، نی معمولی
Common restharrow	<i>Ononis repens</i> L.	اونونیس خوابیده
Common thistle	<i>Cirsium arvense</i> (L.)	کنگر وحشی
Common vanilla	<i>Vanilla planifolia</i> Andr.	وانیل
Common white jasmine	<i>Jasminum officinale</i> L.	یاسمن سفید
Common zinnia	<i>Zinnia elegans</i>	—
Condrilla juncea	<i>Condrilla juncea</i>	—
Convolvulus	<i>Convolvulus</i> sp.	پیچک، نیلوفر پیچ
Coriander	<i>Coriandrum sativum</i> L.	گشنیز
Corn	<i>Zea mays</i> L.	ذرت معمولی، بلال
Corn bedstraw	<i>Galium tricornae</i> Dan.	غالپون سه شاخ، پنجه واش
Cornelian cherry	<i>Cornus mas</i> L.	درخت ذغال اخته
Corn poppy	<i>Papaver rhoeas</i> L.	شقایق
Cornus	<i>Cornus</i> sp.	—
Corylus	<i>Corylus</i> sp.	درخت فندق
Cotton	<i>Gossypium</i> sp.	پنبه
Couluflower	<i>Brassica oleracea</i> var. <i>botrytis</i> DC.	کلم گل
Cousinia	<i>Cousinia</i> sp.	سیا پوشک
Cowpea	<i>Vigna sinensis</i> End.	لوبیا چشم بلبلی
Cowslip	<i>Primula officinalis</i> Jacq.	پامچال طبی
Cow weed	<i>Anthriscus sylvestris</i> (L.)	—
Cranberry tree	<i>Viburnum opulus</i> L.	بداغ جنگلی
Crepis micrantha	<i>Crepis micrantha</i> Czer.	ریش پیر
Crocus	<i>Crocus</i> sp.	زعفران

English name	Scientific name	Persian name
Crown-vetch	<i>Coronilla varia</i> L.	کرنیلا داسی
Cryptomeria	<i>Cryptomeria</i> sp.	کریبتو مریا
Cucumber	<i>Cucumis sativus</i> L.	خیار
Cumin	<i>Cuminum cyminum</i> L.	زیره
Cupressus	<i>Cupressus sempervirens</i> var. <i>fastigiata</i> DC.	سرو شیرازی
Cupressus sempervirens var. <i>cereiformis</i>	<i>Cupressus sempervirens</i> var. <i>cereiformis</i> Rehd.	سرو ناز
Cupressus sempervirens var. <i>horizontalis</i>	<i>Cupressus sempervirens</i> var. <i>horizontalis</i> (Mill.)	زرین
Cuscuta chinensis	<i>Cuscuta chinensis</i> Lam.	
Cycas	<i>Cycas</i> sp.	سیکاس
Cyclamen	<i>Cyclamen</i> sp.	سیکلامن، نگونسار
Cynodon	<i>Cynodon (=Panicum)</i> sp.	مَرغ، بندواش
Cyperus	<i>Cyperus</i> sp.	اویارسلام
Cypress tree	<i>Cupressus sempervirens</i> L.	سرو
Cytisus	<i>Cytisus spinosus</i> L.	گل پروانه ای
Dactylis	<i>Dactylis</i> sp.	پنجهک
Dahlia	<i>Dahlia</i> sp.	کوکب
Dahurian buckthorn	<i>Rhamnus davurica</i> Law.	—
Dandelion	<i>Taraxacum syriacum</i> Boiss.	گل قاصد، قاصدک
Daphne	<i>Daphne</i> sp.	دافنه
Date-palm	<i>Phoenix dactylifera</i> L.	درخت خرما، خرما
Date plum	<i>Diospyros lotus</i> L.	کلهو، خرمندی
Datura	<i>Datura</i> sp.	ناتوره
Digitalis	<i>Digitalis</i> sp.	گل انگشتانه، دیژیتال
Dill	<i>Anethum graveolens</i> L.	شوید، شبت
Dittrichia graveolens	<i>Dittrichia graveolens</i>	—
Dodder	<i>Cuscuta monogyna</i> Vahl	بیس درختی، کشتوت
Dodonea viscosa	<i>Dodonea viscosa</i>	—
Dog-rose	<i>Rosa canica</i> L.	نسترن کوهی
Dag's tongue	<i>Cynoglossum creticum</i> Mill.	سگ زبان
Drogon's mouth	<i>Antirrhinum majus</i> L.	گل میمون
Drooping brome	<i>Bromus tectorum</i> L.	جومیش، دم روباه بامی
Durmast oak	<i>Quercus petraea</i> Lieble. Syn.: <i>Quercus sessiliflora</i> Ky.	بلوط کوهی
Dwarf mallow	<i>Malva neglecta</i> Wallr.	پنیرک
Dwarf-palm	<i>Chamaerops humilis</i> L.	نخل مسافر، نخل چتری
Dyer's oak	<i>Quercus lusitanica</i> Boiss.	بلوط مازو

English name	Scientific name	Persian name
Earth nut	<i>Arachis hypogaea</i>	بادام زمینی، پسته زمینی
Echinophora platyloba	<i>Echinophora platyloba</i> DC.	علف شیر
Echinops	<i>Echinops</i> sp.	خار شکر، شکر تیغال
Egg plant	<i>Solanum melongena</i> L.	بادنجان
Egyptian acacia	<i>Acacia arabica</i> var. <i>nilotica</i> Willd.	آکاسیا
Egyptian clover	<i>Trifolium alexandrinum</i>	شبدرد بریسم
Egyptian willow	<i>Salix aegyptiaca</i> L.	بید مشک، بید مصری
Elaeagnus	<i>Elaeagnus</i> sp.	درخت سنجد
Elm	<i>Ulmus campestris</i> L.	نارون معمولی
Elm	<i>Ulmus carpinifolia</i> var. <i>umbraculifera</i> Rehd.	نارون چتری
Elm	<i>Ulmus montana</i> Smth.	قره آغاج
Ephedra	<i>Ephedra</i> sp.	ریش بز، ارمک
Epipactia persica	<i>Epipactia persica</i>	—
Erect pellitory of the wall	<i>Parietaria officinalis</i> L.	گوش موش
Eremopyrum bonapartii var. sublanuginosum	<i>Eremopyrum bonapartii</i> var. <i>sublanuginosum</i> Mel.	—
Eremopyrum distans	<i>Eremopyrum distans</i> Nev.	—
Erigeron	<i>Erigeron</i> sp.	پیر بهار
Eruca	<i>Eruca</i> sp.	منداب
Eucalyptus	<i>Eucalyptus</i> sp.	اوکالیپتوس
Euonymus	<i>Euonymus patens</i> Rehd.	شمشاد پیچ
Euphorbia	<i>Euphorbia</i> sp.	فرفیون
Euphorbia gerardiana	<i>Euphorbia gerardiana</i> Jacq.	فرفیون ژرارد
Euphorbia heterodera	<i>Euphorbia heterodera</i> J. - S.	—
Euphorbia macrocladata	<i>Euphorbia macrocladata</i> Boiss.	—
Euphorbia seguieriana	<i>Euphorbia seguieriana</i> Neek.	—
European privet	<i>Ligustrum vulgare</i> L.	مندارچه، برگ نو
Evergreen euonymus	<i>Euonymus japonicus</i> L.	شمشاد رسمی
False acacia	<i>Robinia pseudacacia</i> L.	اقاقیای معمولی
False walnut	<i>Pterocarya fraxinifolia</i> (Lam.)	لرگ
Female cornel	<i>Cornus australis</i> C.A.M.	سیاه ال، ال
Fan-palm	<i>Chamaerops</i> sp.	نخل زیتنی، پالم زیتنی
Fennel	<i>Foeniculum vulgare</i> Mill.	رازیانه
Fenugreek	<i>Trigonella foenumgraecum</i> L.	شنبلیله
Ferula	<i>Ferula</i> sp.	کوما
Festuca	<i>Festuca</i> sp.	فستوک
Feverfew	<i>Chrysanthemum parthenium</i> (L.)	نوعی گل داودی
Ficus	<i>Ficus</i> sp.	—

English name	Scientific name	Persian name
Ficus johannis	<i>Ficus johannis</i> Boiss.	—
Field eryngo	<i>Eryngium</i> sp.	شقافل
Field falcaria	<i>Falcaria soides</i> (Wib.)	غازیاقی ، غازیاقی
Field southern weed	<i>Artemisia campestris</i>	برنجاسف کوهی
Fig	<i>Ficus carica</i> var. <i>genuina</i> Boiss.	درخت انجیر ، انجیر
Firethorn	<i>Pyracantha coccinea</i> Roem.	پیراکانتا
Five fingers	<i>Potentilla reptans</i> L.	پنج انگشت خزنده ، پنج برگ
Flax	<i>Linum usitatissimum</i> L.	کتان
Flix weed	<i>Descurainia sophia</i> (L.)	خاکشی ، خاکشیر
Flower of an hour	<i>Hibiscus trionum</i> L.	کنف وحشی
Forage beet	<i>Beta vulgaris</i> var. <i>altissima</i> (Doll.)	چغندر علوفه ای
Fraxinus	<i>Fraxinus</i> sp.	درخت زیان گنجشک
French maple	<i>Acer monspessulanum</i> L.	کرکو ، کیکم
French sorrel	<i>Rumex scutatus</i> L.	ترشک گوشه دار
Fumitory	<i>Fumaria</i> sp.	شاهتره
Galium	<i>Galium</i> sp.	غالیون
Garden cress	<i>Lepidium sativum</i> L.	شاهی ، تره تیزک
Garden petunia	<i>Petunia hybrida</i> Hort.	گل اطلسی
Garden plum	<i>Prunus domestica</i> L.	درخت آلو ، آلو برقانی ، آلو زرد
Garlic	<i>Allium sativum</i> L.	سیر خوراکی ، سیر ترشی
Geobelia laevigata	<i>Geobelia laevigata</i>	—
Geranium	<i>Geranium</i> sp.	شمعدانی عطری
Geranium albanum	<i>Geranium albanum</i> M. - R.	شمعدانی وحشی
Germander	<i>Teucrium</i> sp.	مریم نخودی
Gladiola	<i>Gladiolus segetum</i> Ker.	گلایل
Glaucium oxylum	<i>Glaucium oxylum</i> Boiss. - Buh.	—
Goat's beard	<i>Tragopogon pratensis</i> L.	سنگ چمنی
Goat willow	<i>Salix caprea</i> L.	مشبد ، بید براق
Gosseberry	<i>Ribes</i> sp.	انگور فرنگی
Gosse grass	<i>Eleusine indica</i> L.	گندیل ، چیل
Gosse grass	<i>Galium aparine</i> L.	شیرینیر
Grape fruit	<i>Citrus paradisi</i> Macf.	گریپ فروت
Grapevine	<i>Vitis vinifera</i> L.	مو
Grass-polly	<i>Lythrum salicaria</i> L.	لیتروم آبی
Graw-foot	<i>Orchis morio</i> L.	ثعلب
Great burdock	<i>Arctium lappa</i>	بابا آدم
Great maple	<i>Acer platanoides</i> L.	کرکف

English name	Scientific name	Persian name
Great maple	<i>Acer pseudo-platanus</i> L.	افرای چناری ، افرای شبه چناری
Great-reed	<i>Arundo donax</i> L.	نی هندی ، تابشیر هندی
Green foxtail	<i>Setaria viridis</i> (L.)	چسبک ، چسبو
Ground elder	<i>Sambucus ebulus</i> L.	آفتی
Gundellia	<i>Gundellia</i> sp.	—
Gunnera	<i>Gundellia tournefortii</i> L.	گندل ، جندل
Gypsophila polyclada	<i>Gypsophila polyclada</i>	تخلی باش
Haloxylon	<i>Haloxylon</i> sp.	تاغ
Haplophyllum	<i>Haplophyllum</i> sp.	—
Harmel	<i>Peganum harmala</i> L.	اسپند ، اسفند ، سداب کوهی
Hawksbread	<i>Crepis</i> sp.	کفشک
Hazelnut	<i>Corylus avellana</i> L.	درخت فندق ، فندق
Hedge garlic	<i>Alyssum campestre</i> L.	قدومه
Hedge mustard	<i>Sisymbrium</i> (= <i>Erysimum</i> ) <i>officinale</i> (Scop.)	خاکشی
Hedge nettle	<i>Stachys pubescens</i> Ten.	گوش بز
Helichrysum	<i>Helichrysum</i> sp.	—
Helichrysum armanicum	<i>Helichrysum armanicum</i>	—
Helichrysum oligocephalum	<i>Helichrysum oligocephalum</i> DC.	—
Heliotropium	<i>Heliotropium</i> sp.	هیدتروپ ، آفتاب پرست
Helminthia	<i>Helminthia</i> sp.	—
Hemp	<i>Cannabis sativa</i> L.	شاهدانه
Henbane	<i>Hyoscyamus niger</i> L.	بنگ دانه ، بذر البنج
Heracleum	<i>Heracleum</i> sp.	نوعی گل پر
Heterantheium pitiferum	<i>Heterantheium pitiferum</i> Hoch .	—
Hippophae	<i>Hippophae</i> sp.	—
Holly	<i>Ilex aquifolium</i> L.	خاس ، راج
Holly	<i>Ilex spinigera</i> (Loesn.)	خاس
Holly-herb	<i>Verbena officinalis</i> L.	شاهپسند وحشی
Hollyhock	<i>Althaea</i> (= <i>Alcea</i> ) <i>rosea</i> (Cav.)	ختمی
Holly oak	<i>Quercus ilex</i> L.	بلوط سبز
Honey locust	<i>Gleditschia caspica</i> Desf.	لیلکی ، لالکی
Hop	<i>Humulus lupulus</i> L.	رازک ، رزک
Horay cress	<i>Cardaria</i> (= <i>Lepidium</i> ) <i>draba</i> L.	شاهی وحشی
Hordeum	<i>Hordeum</i> sp.	جو وحشی
Hordeum glaucum	<i>Hordeum glaucum</i> Sreud.	جوموشک
Hordeum spontaneum	<i>Hordeum spontaneum</i> Koch	—

English name	Scientific name	Persian name
Horehound	<i>Marrubium vulgare</i> L. Syn.: <i>Marrubium anisodon</i> C. - Koch	شریر
Horn beam	<i>Carpinus betulus</i> L.	ممرز
Horse chestnut	<i>Aesculus</i> sp.	شاه بلوط هندی، بلوط هندی
Horse-tail	<i>Equisetum</i> sp.	دم اسب
Hortensia	<i>Hortensia</i> sp.	هور تانیا
Hawthorn (= White hawthorn)	<i>Crataegus monogyna</i> Jacq.	زالزالک گل، ترشه ولیک
Hulthemia persicae	<i>Hulthemia persicae</i>	—
Hyacinth	<i>Hyacinthus</i> sp.	گل سنبل
Hymenoccephalus	<i>Hymenoccephalus</i> sp.	—
Hypocoum pendulum	<i>Hypocoum pendulum</i> L.	—
Hypericum scabrum	<i>Hypericum scabrum</i> L.	علف زیره، زنبق کوهی
Hypomea	<i>Hypomea</i> sp.	پیچ زینتی، پیچ لولو
Iberian star thistle	<i>Centaurea iberica</i> T. - S.	شش پرتیغ، زرد تیغ
Ilex	<i>Ilex</i> sp.	نوعی خاس
Indian shot	<i>Canna indica</i> L.	گل اختر
Indian sorrel	<i>Oxalis corniculata</i> L.	ترشک
Intermediate wheatgrass	<i>Agropyron intermedium</i> P. - B.	—
Inula thapsoides	<i>Inula thapsoides</i> M. - B.	—
Iris	<i>Iris</i> sp.	زنبق
Iron tree	<i>parrotia persica</i> (DC.)	درخت انجیلی
Ivy	<i>Hedera</i> sp.	دار دوست، پاپیتال، لبلاب
Japanese magnolia	<i>Magnolia soulangiana</i> Soul.	ماگنولیای بنفش
Japanese pittosporum	<i>Pittosporum tobira</i> (Dryan)	—
Japan quince	<i>Chaenomeles</i> (= <i>Cydonia</i> , <i>Pyrus</i> ) <i>japonica</i> (Thunb.)	به ژاپنی
Jasminum	<i>Jasminum</i> sp.	یاسمن
Johnson grass	<i>Sorghum halepense</i> Pers.	قیاق
Jujube	<i>Zizyphus vulgaris</i> Lam.	درخت عناب، عناب
Juncus	<i>Juncus</i> sp.	سمار
Juniper	<i>Juniperus</i> sp.	سرو کوهی، ارس
Jurinea	<i>Jurinea</i> sp.	—
Kaki	<i>Diospyros kaki</i> L.	خرمالو
Kali	<i>Salsola kali</i>	پتاس
Kanaf	<i>Hibiscus cannabinus</i> L.	کنف
Kenilworth-ivy	<i>Linaria cymbalaria</i> Mill.	کتانی چنگی
Kiwi	<i>Actinidia</i> sp.	کیوی



English name	Scientific name	Persian name
Knautia	<i>Knautia</i> sp.	—
Knotweed	<i>Polygonum aviculare</i> L.	هفت‌بند ، علف هفت‌بند
Lactuca	<i>Lactuca</i> sp.	—
Lactuca orientalis	<i>Lactuca orientalis</i>	کاهوک
Lady's thumb	<i>Polygonum persicaria</i> L.	هفت‌بند ایرانی
Lamium	<i>Lamium</i> sp.	حرف
Lantana	<i>Lantana</i> sp.	شاه‌پسند درختی
Lantern flower	<i>Abutilon avicennae</i> Gaertn	دیوکنف ، گاوپنبه
Lappula bachata	<i>Lappula bachata</i>	—
Lathyrus incurvus	<i>Lathyrus incurvus</i> (Roth.)	—
Laurel	<i>Laurus nobilis</i> L.	درخت برگ بو
Leek	<i>Allium porrum</i> L.	تره فرنگی
Lemon	<i>Citrus lumia</i> R. P.	درخت لیمو شیرین
Lentil	<i>Lens esculenta</i> Moen.	عدس
Lesser dodder	<i>Cuscuta</i> sp.	سیس
Lesser meadow-rue	<i>Thalictrum minus</i> L.	تالیکتروم صغیر
Lettuce	<i>Lactuca sativa</i> L.	کاهو
Lilac	<i>Syringa</i> sp.	یاس
Lily	<i>Lilium</i> sp.	گل سوسن
Lime tree	<i>Citrus limonum</i> Risso	درخت لیمو ترش
Linaria villosa	<i>Linaria villosa</i>	—
Liquorice	<i>Glycyrrhiza glabra</i> L.	شیرین‌بیان
Lisaea heterocarpa	<i>Lisaea heterocarpa</i> DC.	جوجک
Little mallow	<i>Malva parviflora</i> L.	نوعی پنیرک
Loblolly pine	<i>Pinus taeda</i> L.	کاج استخری
Long headed poppy	<i>Papaver dubium</i> L.	شقایق وحشی
Lonicera	<i>Lonicera</i> sp.	شونگ ، پلاخور
Loquat	<i>Eriobotrya japonica</i> (Thunb.)	ازگیل ژاپنی
Loranthus	<i>Loranthus</i> sp.	—
Love tree	<i>Cercis griffithii</i> Boiss.	ارغوان
Lucerne	<i>Medicago sativa</i> L.	یونجه
Lupine	<i>Lupinus</i> sp.	ترمس ، باقلای قبطی ، باقلای مصری
Mallards	<i>Althaea officinalis</i> L.	ختمی
Malus	<i>Malus</i> sp.	سیب جنگلی
Mandarin	<i>Citrus nobilis</i> Lour.	درخت نارنگی
Maple	<i>Acer</i> sp.	درخت افرا
Marigold	<i>Calendula persica</i> C.A.M.	گل همیشه بهار

English name	Scientific name	Persian name
Meadow parsnip	<i>Heracleum</i> Desf.	گل پر ایرانی
Meadow saxifrage	<i>Seseli</i> sp.	انجدان رومی
Meadow vetchling	<i>Lathyrus pratensis</i> L.	—
Medlar	<i>Mespilus germanica</i> L.	درخت ازگیل
Melilotus	<i>Melilotus</i> sp.	اکلیل ، شاه افسر
Melon	<i>Cucumis melo</i> L.	خریزه
Melon tree	<i>Carica papaya</i> L.	خریزه درختی ، انبه درختی
Mespilus	<i>Mespilus</i> sp.	درخت ازگیل وحشی
Milfoil	<i>Achillea</i> sp.	بومادران
Milk thistle	<i>Sonchus oleraceus</i> L.	شیرک نرم
Milk vetch	<i>Astragalus</i> sp.	گون
Millet	<i>Milium</i> sp.	ارزن
Mimosa	<i>Mimosa</i> sp.	میموزا
Mingwort	<i>Artemisia absinthium</i> L.	افسنطین
Mint	<i>Mentha</i> sp.	نعناع ، پونه
Mistletoe	<i>Viscum album</i> L.	دارواش
Mitre cress	<i>Melica jacquemontii canescens</i> Bov.	—
Monterey pine	<i>Pinus radiata</i> D. Don.	—
Morning glory	<i>Convolvulus arvensis</i> L.	نیلوفر صحرائی ، پیچک صحرائی
Morning glory	<i>Ipomoea</i> sp.	نیلوفر
Morus	<i>Morus</i> sp.	درخت توت
Mountain almond	<i>Amygdalis scoparia</i> Spach	بادامک ، بادام تلخ ، بادام کوهی
Mountain pine	<i>Pinus mugo</i> Tur.	کاج مشهد
Mountain rye	<i>Secale montanum</i> Guss.	چاودار کوهی
Mountain spinach	<i>Atriplex hortensis</i> L.	—
Mudar	<i>Calotropis procera</i> (Willd.)	استبرق
Mugwort	<i>Artemisia vulgaris</i> L.	درمنه ، برنجاسف
Mung bean	<i>Phaseolus aureus</i>	لوبیای مانگ
Mustard	<i>Brassica hirta</i> Moen.	خردل ، خردل سفید
Myrtle	<i>Myrtus communis</i> L.	مورد ، مورت
Narcissus	<i>Narcissus</i> sp.	گل نرگس
Narrow leaf trefoil	<i>Lotus tenuis</i> W. K.	—
Nepeta crassifolia	<i>Nepeta crassifolia</i> Boiss. - Buh.	—
Nepeta fissa	<i>Nepeta fissa</i> C. A. M.	—
Nerium indicum kotschy	<i>Nerium indicum kotschy</i> (Boiss.)	کیش
Nettle	<i>Urtica</i> sp.	گزنه

English name	Scientific name	Persian name
Nettle tree	<i>Celtis</i> sp.	درخت داغداغان
Nicotiana	<i>Nicotiana</i> sp.	—
Night-flowering catchfly	<i>Silene noctiflora</i> L.	سیلن شب
Nipplewort	<i>Lapsana communis</i> L.	خفج
Noaea	<i>Noaea</i> sp.	نونه آ
Nonnea	<i>Nonnea</i> sp.	—
Nordmann fir	<i>Abies normanniana</i>	—
Nuphar	<i>Nuphar</i> sp.	—
Nutt-grass	<i>Cyperus rotundus</i> L.	اویار سلام
Oak	<i>Quercus</i> sp.	درخت بلوط
Oat	<i>Avena sativa</i> L.	یولاف ، جودوسر
Ochradenus baccatus	<i>Ochradenus baccatus</i>	—
Okra	<i>Hibiscus esculentus</i> L.	بامیه ، بامیا
Oleander	<i>Nerium oleander kurdicum</i> Rech.	خرزهره
Olive	<i>Olea europaea</i> L.	درخت زیتون ، زیتون
Onion	<i>Allium cepa</i> L.	پیاز ، پیازچه
Ononis	<i>Ononis</i> sp.	—
Orange	<i>Citrus sinensis</i> (L.)	درخت پرتقال ، پرتقال
Oriental cole-wort	<i>Crambe orientalis</i> L.	اگر، آگار
Oriental germander	<i>Teucrium orientale</i> L.	—
Oriental plane	<i>Platanus orientalis</i> L.	درخت چنار
Orpine	<i>Sedum</i> sp.	ایرون صغیر
Ox-eye	<i>Adonis vernalis</i> L.	آدونیس
Ox-tongue	<i>Picris</i> sp.	تلخانه
Pagoda tree	<i>Sophora alopecuroides</i> L.	تلخ بیان ، تلخه
Papaver	<i>Papaver</i> sp.	شقایق
Pea	<i>Pisum sativum</i> L.	نخود فرنگی
Peach	<i>Persica vulgaris</i> Mill. Syn.: <i>Prunus persica</i> (L.)	درخت هلو ، درخت شفتالو
Peach tree	<i>Persica nucipersica</i> Borkh. Syn.: <i>Persica laevis</i> DC.	درخت شلیل
Pear	<i>Pyrus communis</i> L.	درخت گلابی
Pea-tree	<i>Caragana</i> sp.	نخود درختی
Peepul tree	<i>Ficus religiosa</i> L.	درخت انجیر معابد، درخت انجیر مقدس
Pelargonium	<i>Pelargonium</i> sp.	شمعدانی معمولی
Peppewort	<i>Lepidium</i> sp.	شاهی
Perçile	<i>Petroselinum crispum</i> (Mill.)	جعفری

English name	Scientific name	Persian name
Periwinkle	<i>Vinca major</i> L.	پروانش خزنده
Persian candle	<i>Eremopoa persica</i> (Trin.)	گندم پوجو
Persian lilac	<i>Syringa persica</i> L.	یاس ایرانی ، یاس شیروانی
Persian oak	<i>Quercus brandtii</i> var. <i>persica</i> (J. - Sp.) Syn.: <i>Quercus persica</i> J. - Sp.	بلوط ایرانی
Petunia	<i>Petunia</i> sp.	گل اطلسی
Phalaris	<i>Phalaris</i> sp.	نوعی تخم فناری
Phlomis olivieri	<i>Phlomis olivieri</i> Bth.	—
Phlox	<i>Phlox</i> sp.	فلوکس
Phoenix	<i>Phoenix</i> sp.	—
Phragmites	<i>Phragmites</i> sp.	بوریا ، نی ، نی قلم
Phyllirea	<i>Phyllirea</i> sp.	—
Picky lettuce	<i>Lactuca scariola</i> L.	کاهوی وحشی ، کاهوی زیر
Pick-needle	<i>Erodium cicutarium</i> (L.)	قیطران شوکرانی
Picnoman acarna	<i>Picnoman acarna</i> L.	—
Picris strigoza	<i>Picris strigoza</i> M. - B.	—
Pigeon's grass	<i>Verbena officinalis</i> L.	شاهپسند درختی
Pig-grass	<i>Polygonum aviculare</i> L.	هفت بند ، علف هفت بند
Pine	<i>Pinus</i> sp.	درخت کاج
Pistachio	<i>Pistacia vera</i> L.	درخت پسته ، پسته
Pittosporum	<i>Pittosporum</i> sp.	—
Plantago	<i>Plantago</i> sp.	نوعی بارهنگ
Pliant tree	<i>Viburnum lanata</i> L.	هفت کول ، گرمه شو
Plum	<i>Prunus</i> sp.	درخت گوجه ، درخت آلو سیاه
Poa	<i>Poa</i> sp.	چمن
Poinsettia	<i>Euphorbia pulcherrima</i> Willd.	بنت کنسول ، بنت قونبول
Polygonum	<i>Polygonum</i> sp.	هفت بند
Pomegranate	<i>Punica granatum</i> var. <i>sativa</i> K. - M.	درخت انار ، انار
Poplar	<i>Populus</i> sp.	صنوبر
Poppy	<i>Papaver somniferum</i> L.	خشخاش ، کوکنار
Populus caspica	<i>Populus caspica</i> Born.	سفید پلت
Potamogeton	<i>Potamogeton</i> sp.	پوتاموژتون ، گوشاب
Potato	<i>Solanum tuberosum</i> L.	سیب زمینی
Prangus uloptera	<i>Prangus uloptera</i>	—
Prickly thrift	<i>Acantholimon</i> sp.	کلاه میرحسن
Prim-rose	<i>Primula</i> sp.	پریمولا ، پامچال
Prosopis juliflora	<i>Prosopis juliflora</i> (Sw.)	—
Prunus divaricata caspica	<i>Prunus divaricata caspica</i> K. - E.	درخت آلوچه ، شال هلو

English name	Scientific name	Persian name
Pumpkin	<i>Cucurbita pepo</i> Duch.	کدو مسمایی
Punica	<i>Punica</i> sp.	نوعی درخت انار
Purification flower	<i>Stipa capensis</i> Thunb.	بهمن
Purple osier	<i>Salix purpurea</i> L.	بیدسرخ، سرخ بید
Purslane	<i>Portulaca oleracea</i> L.	خرفه
Pycnocycla	<i>Pycnocycla spinosa</i> Dc. - Bo.	—
Pyrethrum	<i>Pyrethrum</i> sp.	پیرتروم
Quack grass	<i>Agropyron repens</i> (L.)	مرغ خزنده، مرغ گندمی
Quercus brandtii	<i>Quercus brandtii</i>	—
Quercus carduchorum	<i>Quercus carduchorum</i>	—
Quercus iberica	<i>Quercus iberica</i> (Stev.)	—
Quercus infectoria	<i>Quercus infectoria</i> Ol.	دارمازو
Quercus komarovii	<i>Quercus komarovii</i>	—
Quercus libani	<i>Quercus libani</i> Ol.	—
Quercus petraea var. iberica	<i>Quercus petraea</i> var. <i>iberica</i> (Stev.) Syn.: <i>Quercus iberica</i> Stev.	سفیدمازو، سفیدبلوط
Quince	<i>Cydonia oblonga</i> Mill. Syn.: <i>Cydonia vulgaris</i> (Pers.)	درخت به
Radish	<i>Raphanus sativus</i> L.	ترب، تربچه
Ranunculus amblyolobus	<i>Ranunculus amblyolobus</i> B. - H.	نوعی آلاله
Raspberry	<i>Rubus idaeus</i> L.	نوعی تمشک
Ray-grass	<i>Lolium</i> sp.	چچم، لولیوم
Red-pepper	<i>Capsicum frutescens</i> Willd.	فلفل قرمز
Red root	<i>Amaranthus retroflexus</i> L.	—
Reed-mace	<i>Typha angustifolia</i> L.	لویی برگ باریک
Rhamnus	<i>Rhamnus pallasii</i> F. - M.	تنگرس، ارجنک
Rhododendron	<i>Rhododendron</i> sp.	رودودندرون، گل صدتومانی
Rhubarb	<i>Rheum</i> sp.	ریواس
Rhynchosia schimpersi	<i>Rhynchosia schimpersi</i> Hoch.	—
Ribwort (= Ribwort plantain)	<i>Plantago lanceolata</i> L.	بارهنگ سرنیزه ای
Rice	<i>Oryza sativa</i> L.	برنج
Rock-cherry	<i>Cerasus</i> (= <i>Prunus</i> ) <i>mahaleb</i> (L.)	محلّب، آلبالو تلخ
Rockspray	<i>Cotoneaster</i> sp.	شیرخشت
Rose of sharon	<i>Hibiscus syriacus</i> L.	ختمی درختی
Roses	<i>Rosa</i> spp.	نسترن، گل سرخ
Rouge trefoil	<i>Trifolium scabrum</i> L.	شبدر قرمز
Rowan - tree	<i>Sorbus aucuparia</i> L.	تیس
Rubber - plant	<i>Ficus elastica</i> Roxbg.	فیکوس، فیکوس برگ درشت

English name	Scientific name	Persian name
Rue	<i>Ruta</i> sp.	اسپند
Russian olive	<i>Elaeagnus angustifolia</i> L.	درخت سنجد ، سنجد
Rye	<i>Secale cereale</i> L.	چاودار
Safflower	<i>Carthamus oxyantha</i> M. - B.	گلرنگ وحشی
Safflower	<i>Carthamus tinctorius</i> L.	گلرنگ
Saffron	<i>Crocus sativus</i> L.	زعفران
Sagittaria	<i>Sagittaria</i> sp.	تیرکمان آبی
Sainfoin	<i>Onobrychis sativa</i> Lam.	اسپرس
Salad burnet	<i>Sanguisorba minor</i> Scop.	علف خون کوچک
Salicornia	<i>Salicornia</i> sp.	قلیا
Salt bush	<i>Atriplex</i> sp.	اسفناج دشتی ، آتریپلکس
Saltwort	<i>Salsola</i> sp.	شوره ، علف شور
Salvadora	<i>Salvadora persica</i> Carc.	چوج ، درخت مسواک
Salvia pseudosylvestris	<i>Salvia pseudosylvestris</i>	—
Sameraria	<i>Sameraria</i> sp.	—
Sarothamnus	<i>Cytisus (=Sarothamnus) scoparius</i> (L.)	—
Sarsaparilla	<i>Aralia</i> sp.	آرالیا
Scabious	<i>Scabiosa palaestina</i>	شاهپرک
Scariola orientalis	<i>Scariola orientalis</i> (Boiss.)	گاو چاق کن
Scorzonera tortuosissima	<i>Scorzonera tortuosissima</i>	—
Scoth pine	<i>Pinus sylvestris</i> L.	کاج جنگلی
Screw bean	<i>Prosopis spicigera</i> L.	کهور ، کبیر
Sea beet	<i>Beta maritima</i>	چغندر دریایی
Sea bugloss	<i>Anchusa italica</i> Retz.	—
Sea onion	<i>Scilla (=Urginea) maritima</i> (L.)	پیاز دریایی ، سیل
Sea orache	<i>Atriplex halimus</i> L.	قره بازی
Sebestan	<i>Cordia myxa</i> L.	سپستان ، انبو
Seidlitzia	<i>Seidlitzia rosmarinus</i> (Bgc.)	اشنان ، زالک
Senecio	<i>Senecio</i> sp.	ریش پیر
Senecio coronipifalius	<i>Senecio coronipifalius</i>	—
Serinaga	<i>Philadelphus coronarius</i> L.	نرگس درختی سفید
Serratula quinquefolia	<i>Serratula quinquefolia</i>	—
Sesame	<i>Sesamum indicum</i> L.	کنجد
Setaria	<i>Setaria</i> sp.	—
Shaddock	<i>Citrus decumana</i> Murr.	درخت دارابی
Shallot	<i>Allium ascalonicum</i>	موسیر
Shangeable rose	<i>Hibiscus mutabilis</i> L.	ختمی گل سرخی

English name	Scientific name	Persian name
Sharp dock	<i>Rumex conglomeratus</i> Murr.	نوعی ترشک
Sheep's sorrel	<i>Rumex acetosella</i> L.	ترشک صغیر
Shepherd's needle	<i>Scandis pecten-veneris</i> L.	شانه ونوس
Shepherd's purse	<i>Capsella bursa-pastoris</i> (L.)	کیسه کشیش ، چنته چوپان
Siberian elm	<i>Zelkova carpinifolia</i> (Pall.)	درخت آزاد
Sickle medick	<i>Medicago falcata</i> L.	یونجه داسی
Silene arguta	<i>Silene arguta</i> Fenzl.	—
Silk-rose	<i>Albizia julibrissin</i> (Willd.)	شب خسب، درخت ابریشم، گل ابریشم
Silver leaved salt tree	<i>Halimodendron argenteum</i>	اشک
Sinapis	<i>Sinapis</i> sp.	خردل وحشی
Sind-poplar	<i>Populus euphratica</i> Oliv.	پده ، پی چوب
Skeletonweed	<i>Chondrilla juncea</i> L.	کندریلوم جنگلی
Sky-flower	<i>Duranta</i> sp.	—
Slender birdsfoot-trefoil	<i>Lotus angustissimus</i> L.	لوتوس ریزبرگ
Slender-flowered thistle	<i>Carduus pycnocephalus</i> Jacq.	فرفره
Slender naiad	<i>Najas flexilis</i> (Will.)	گل پریش
Sloe tree	<i>Prunus spinosa</i> L.	درخت گوجه وحشی، هلاله، گوجه گیلانی
Small medick	<i>Medicago minima</i> (L.)	یونجه ریز
Smoke tree	<i>Cotinus coggyria</i> Scop. Syn.: <i>Rhus cotinus</i> L.	گل پر ، درخت پر
Snake cucumber	<i>Cucumis sativus</i> var. <i>flexuosus</i>	خیارچنبر ، خیار نیشابوری
Snow ball tree	<i>Viburnum opulus</i> var. <i>sterile</i> DC.	بداغ ، گل دنبه
Soap-root	<i>Acanthophyllum</i> sp.	چوبک
Solanum	<i>Solanum</i> sp.	—
Solenanthes stamineus	<i>Solenanthes stamineus</i> (Desf.)	—
Sonchus	<i>Sonchus</i> sp.	شیرک
Sorb	<i>Sorbus torminalis</i> (L.)	بارانک
Sorb-tree	<i>Sorbus</i> sp.	پستانک
Sorghum	<i>Sorghum vulgare</i> L.	ذرت خوشه‌ای، ذرت مصری
Sorrel	<i>Rumex</i> sp.	ترشک
Sour-cherry	<i>Cerasus vulgaris</i> Mill. Syn.: <i>Prunus cerasus</i> L.	درخت آلبالو ، آلبالو
Sour-orange	<i>Citrus bigaradia</i> L.	درخت نارنج ، نارنج
Soybean	<i>Glycine</i> (= <i>Soja</i> ) <i>hispida</i> (Moen.)	لوبیا روغنی ، سوژا
Spanish broom	<i>Spartium junceum</i> L.	گل طاووسی
Spinach	<i>Spinacia oleracea</i> L.	اسفناج

English name	Scientific name	Persian name
Spindle tree	<i>Euonymus</i> sp.	گوشوارک
Spiny restharrow	<i>Ononis spinosa</i> L.	اونونیس خاردار
Spiny sow thistle	<i>Sonchus asper</i> Hill.	شیر تیغی
Spiraea	<i>Spiraea</i> sp.	—
Spreading hedge-parsley	<i>Torilis arvensis</i> (Huds.)	—
Spruce	<i>Picea abies</i> (L.)	درخت نوئل ، کاج نوئل
Squash	<i>Cucurbita</i> sp.	کدو
Starwort	<i>Callitriche</i> sp.	گل ستاره‌ای
Sticky mouse-ear chickweed	<i>Cerastium glomeratum</i> Thuill.	سراستیوم فشرده
Stinging nettle	<i>Urtica bioica</i> L.	گزنه دو پایه ، گزنه کبیر
Stipa hohenackeriana	<i>Stipa hohenackeriana</i> T. - R.	گیس پیرزن ، بهمن
Stocksia	<i>Stocksia brahuica</i> Bth.	کهر ، که دار
Stranglewort	<i>Cynanchum acutum</i> L.	علف خرس
Strawberry	<i>Fragaria</i> sp.	توت فرنگی
Strawberry gossefood	<i>Chenopodium foliosum</i> Asch.	نوعی سلمه
Suaeda	<i>Suaeda</i> sp.	سویده
Succisa	<i>Succisa</i> sp.	—
Sucrins	<i>Cucumis melo</i> var. <i>dudain</i> Ndn.	دستنبو ، دستنبوی ایرانی
Sudan grass	<i>Sorghum sudanense</i> (Pip.)	سودان‌گراس ، علف سودانی
Sugar-beet	<i>Beta vulgaris</i> var. <i>rapa</i>	چغندر قند
Sugar-cane	<i>Saccharum officinarum</i> L.	نیشکر
Sumac	<i>Rhus coriaria</i> L.	درخت سماق ، سماق
Sunflower	<i>Helianthus annuus</i> L.	گل آفتابگردان ، آفتابگردان
Sweet clover	<i>Melilotus albus</i> Medik.	شیدر شیرین ، اکلیل سفید
Sweet wormwood	<i>Artemisia annua</i> L.	واش ، گندواش ، گندمینا
Syrian bean caper	<i>Zygophyllum fabago</i> L.	اسفندک ، عذبه
Syringa	<i>Syringa vulgaris</i> var. <i>violacea</i> Ait.	یاس بنفش
Taeniatherum crinitum	<i>Taeniatherum crinitum</i> Nevs.	—
Tamarind	<i>Tamarindus indica</i> L.	تمبر هندی
Tamarisk	<i>Tamarix</i> sp.	گز
Taraxacum	<i>Taraxacum</i> sp.	—
Tawny-fruited chervil	<i>Chaerophyllum aureum</i> L.	—
Tea	<i>Thea sinensis</i> Link.	چای
Teazle	<i>Dipsacus strigosus</i> (Will.)	خواجه‌باشی
Teil	<i>Tilia begonifolia</i> Stev.	نمدار ، زیرفون
Tenacetum parthenifolium	<i>Tenacetum parthenifolium</i> (L.)	—
Thalictrum elatum	<i>Thalictrum elatum</i> Jacq.	—



English name	Scientific name	Persian name
Thevenotia	<i>Thevenotia</i> sp.	—
Tobacco	<i>Nicotiana tabacum</i> L.	توتون ، تنباکو
Tomato	<i>Lycopersicum esculentum</i> Mill.	گوجه فرنگی
Torilis	<i>Torilis</i> sp.	—
Tree of chastity	<i>Vitex angus-castus</i> L.	پنج‌انگشت
Tree of heaven	<i>Ailanthus altissima</i> (Mill)	درخت عرعر
Tree of heaven	<i>Ailanthus glandulosa</i> Desf.	درخت عرعر
Tuberose	<i>Polianthes tuberosa</i> L.	گل مریم
Tulip	<i>Tulipa</i> sp.	گل لاله
Tung	<i>Aleurites fordii</i> Hemsl.	تونک ، تونگ
Turgenia	<i>Turgenia</i> sp.	ماستونک ، خارخروسک
Turnip	<i>Brassica rapa</i> (L.)	شلغم
Turnip cabbage	<i>Brassica oleracea</i> var. <i>caulorapa</i> DC.	کلم قمری
Typha	<i>Typha</i> sp.	نوعی لویی
Ucraenus	<i>Ucraenus</i> sp.	—
Ulmus densa	<i>Ulmus densa</i>	—
Velvet leaf	<i>Abutilon theophrasti</i> Med.	گار پنبه
Verbascum	<i>Verbascum</i> sp.	خرگوشک ، خرگوزک
Vetch	<i>Vicia sativa</i> L.	ماش
Vicia	<i>Vicia</i> sp.	—
Violet petunia	<i>Petunia violaceae</i> Lind.	—
Violet sage	<i>Salvia nemorosa</i> L.	سلوی ، مریم‌گلی
Virginia creeper	<i>Parthenocissus quinquefolia</i> var. <i>murorum</i> (Foc.)	موچسب
Wall barley	<i>Hordeum murinum</i> L.	جودم موشی ، جو موشک
Wallflower	<i>Cheiranthus cheiri</i> L.	شسب‌بوی خیری
Wall wort	<i>Parietaria judaica</i> L.	گوش موش
Walnut	<i>Juglans regia</i> L.	درخت گردو ، گردو
Washington palm	<i>Washingtonia filamentosa</i> (Wendl.)	نخل پنجه‌ای
Water hemp	<i>Bidens tripartita</i> L.	تیل مایی ، دودندان
Water hemp	<i>Eupatrium cannabinum</i> L.	غافث کنفی
Water - melon	<i>Citrullus vulgaris</i> Schrad. Syn.: <i>Cucumis citrullus</i> Serin.	هندوانه
Water plantain	<i>Alisma</i> sp.	بارهنگ آبی ، آلیسما
Waybread	<i>Plantago major</i> L.	بارهنگ ، بارهنگ کبیر
Weeping willow	<i>Salix babylonica</i> L.	بیدمجنون
Wetted thistle	<i>Carduus acanthoides</i> L.	—
Wheat	<i>Triticum vulgare</i> Vill.	گندم

English name	Scientific name	Persian name
White beam tree	<i>Sorbus persica</i> (Hedl.)	دیو آلبالو
White behen	<i>Centaurea behen</i> L.	گل گندم
White elm	<i>Ulmus americana</i> L.	نارون سفید
White mulberry	<i>Morus alba</i> L.	درخت توت سفید، توت سفید
White poplar	<i>Populus alba</i> L.	سفیدار، کبوده
White - thorn	<i>Crataegus</i> sp.	زالزالک، ولیک
White water lily	<i>Nymphaea alba</i> L.	نیلوفر، نیلوفر آبی سفید
Wide - leaved sea lavender	<i>Limonium latifolium</i> Moen.	—
Wild chamomile	<i>Matricaria</i> sp.	بابونه گاوی
Wild mignonette	<i>Reseda lutea</i> L.	اسپرک زرد
Wild mustard	<i>Sinapis arvensis</i> L.	خردل وحشی، خردل صحرایی
Wild myrobalan plum	<i>Prunus divaricata</i> Ledeb.	شال هلو
Wild oat	<i>Avena fatua</i> L.	یولاف وحشی
Wild olive tree	<i>Olea ferruginea</i> Royle	زیتون جنگلی، زیتون وحشی
Wild pear	<i>Pyrus</i> sp.	درخت گلابی جنگلی
Wild pistachio	<i>Pistacia atlantica</i> Desf. Syn.: <i>Pistacia mutica</i> F. - M.	چاتلاقوش
Wild pistachio	<i>Pistacia khinjuk</i> Stoc.	خنجک، بنه
Wild radish	<i>Raphanus raphanistrum</i> L.	ترب وحشی، تربچه وحشی
Willow	<i>Salix</i> sp.	درخت بید
Winter cress	<i>Barbarea plantaginea</i> DC.	—
Wistaria	<i>Wistaria sinensis</i> (Sims.)	گلیسین
Wych elm	<i>Ulmus glabra</i> Huds.	ملج، ملیج
Yellow everlasting	<i>Helichrysum arenarium</i> (L.)	—
Yellow foxtail	<i>Setaria glauca</i> (L.)	اسب واش، باتراغ
Yew	<i>Taxus</i> sp.	سرخدار
Zinnia	<i>Zinnia</i> sp.	گل آهار
Zygophyllum	<i>Zygophyllum atriplicoides</i> F. - C. A. M.	کل قبیج، قبیج صحرایی



## Index of miscellaneous hosts

(فهرست راهنمای میزبانهای متفرقه)

English name	Persian name	English name	Persian name
Adult insects	افراد کامل حشرات	Bran	سبوس گندم
Agricultural products	محصولات کشاورزی	Bread	نان
Anadou	قر	Broad leaf forest trees	درختان جنگلی بهن برگ
Amaranthaceae family plants	گیاهان خانواده تاج خروسیان	Broad leaf trees	درختان بهن برگ
Animal carcase	لاشه حیوانات	Bulbous plants	گیاهان پیازدار
Animal foodstuffs	مواد غذایی حیوانی	Butterfly	پروانه
Animal skin	پوست حیوان	Cacao	کاکائو
Animal stored materials	مواد حیوانی انباری	Calm	صدف خوراکی
Annual field crops	گیاهان زراعی یکساله	Camel	شتر
Aphid	شته	Candy	آب نبات
Aquatic insects	حشرات آبی	Canned fish	کنسرو ماهی
Aquatic plants	گیاهان آبی	Carcase	لاشه، جسد
Aquatic snails	حلزون های آبی	Carcase of honeybee	لاشه زنبور عسل
Aromatic plants	گیاهان معطر	Carpet	قالی
Ass	الغ	Carrion	مردار، لاشه، گوشت کنده
Badger	گورکن	Cat	گربه
Bat	خفاش	Cattle	گاو
Beehive	کندوی زنبور عسل	Cereal crops	محصولات غله ای
Beetle	سوسک	Cereal products	محصولات غله ای دانه ای
Bee wax	موم زنبور عسل	Cereals	غلات
Below ground organ of plants	اندام های زیرخاکی گیاهان	Cheese	پنیر
Bird	پرنده	Chenopodiaceae (=Salsolaceae) family plants	گیاهان خانواده اسفناجیان
Biskuit	بیسکویت	Chick	جوجه پرنده
Bone	استخوان	Chicken	جوجه مرغ
Bone meal	گرد استخوان	Chocolate	شکلات
Borraginaceae family plants	گیاهان خانواده گاوزبانیان		

English name	Persian name	English name	Persian name
Cigarette	سیگار	Dried apricot	برگه زردآلو
Cloth	پارچه ، لباس	Dried blood	خون خشک
Cocoon of silkworm	پیلۀ کرم ابریشم	Dried fish	ماهی خشک
Coffee	قهوه	Dried forage	علف خشک
Cold region fruit trees	درختان میوه سرد سیری	Dried fruits	میوه های خشک (خشکبار)
Coleoptera species	حشرات راسته سخت بالپوشان	Dried leave	برگ خشک
Compositae family plants	گیاهان خانواده مرکبه	Dried materials	مواد خشک
Coniferous timbers	الوار سوزنی برگان	Dried meat	گوشت خشک
Coniferous trees	درختان سوزنی برگ	Dried milk	شیر خشک
Construction timbers	تیرهای ساختمان	Dried (dry) plant products	محصولات خشک گیاهی
Cookie	کلوچه ، شیرینی	Dried smoked fish	ماهی دودی خشک
Cork	چوب پنبه	Dried smoked meat	گوشت دودی خشک
Cotton clothings	منسوجات پنبه ای	Dried whey	کشک
Cotton seed	تخم پنبه	Dried wood	چوب خشک
Cotton seed meal	کنجاله پنبه	Dry animal products	محصولات خشک حیوانی
Cover of book	جلد کتاب	Dryland farming products	محصولات دیم
Crop	محصول	Drug	دارو
Crow	کلاغ	Duck	اردک ، مرغابی
Crucifereae family plants	گیاهان خانواده چلیپاییان	Early varieties	وارتیه های زودرس
Cucurbitaceae family plants	گیاهان خانواده کدوییان	Ectoparasite	انگل خارجی
Cultivated fruit trees	درختان میوه اهلی	Egg	تخم مرغ
Cultivated plants	گیاهان اهلی	Egg powder	پودر تخم مرغ
Cured meat	گوشت نمک زده	Elaeagnaceae family plants	گیاهان خانواده سنجد
Cured tobacco	توتون عمل آورده شده	Entomological(insects)collection	کلکسیون حشرات
Dairy products	لبنیات	Fat	چربی
Date	خرما	Feather	پر
Dead insects	حشرات مرده	Feed of poultry	دان مرغ
Decaying fruits	میوه های درحال پوسیدن	Field crops	گیاهان زراعی
Deciduous forest trees	درختان جنگلی برگ ریز	Flour	آرد
Deciduous fruit trees	درختان میوه برگ ریز	Flower bulb	پیازگل
Deciduous shade trees	درختان برگ ریز سایه دار	Fly	مگس
Deciduous trees	درختان برگ ریز	Food	غذا
Desert bushes	بوته های بیابانی	Forages	علوفه
Desert plants	گیاهان بیابانی (صحرائی)	Forage crops	محصولات علوفه ای
Dog	سگ	Forages from Aras river margin	علوفه ساحل رودخانه ارس
Domestic animals	حیوانات اهلی	Forage plants	گیاهان علوفه ای

English name	Persian name	English name	Persian name
Forest fruit trees	درختان میوه جنگلی	Hard wood trees	درختان چوب سفت
Forest nuts trees	درختان آجیلی جنگلی	Hay	یونجه خشک
Forest plants	گیاهان جنگلی	Hen	مرغ
Forest trees	درختان جنگلی	Hen manure	کود مرغی
Fowls	ماکیان	Herbaceous plants	گیاهان علفی
Frog	قورباغه	Honey	عسل
Fruit	میوه	Honeybee	زنبور عسل
Fruitful trees	درختان مثمر	Honeybee comb	شان زنبور عسل
Fruitless trees	درختان غیر مثمر	Horn	شاخ
Fruit sap	شیره میوه	Human	انسان
Fruit trees	درختان میوه	Husked grains	دانه های غلات با پوست
Fungus	قارچ	Hyperparasite	هیپر پارازیت
Fur	خز	Industrial plants	گیاهان صنعتی
Furniture	مبل ، وسایل منزل	Insect	حشره
Garbage	خاکروبه ، فضولات	Insects collection	کلکسیون حشرات
Garden crops	محصولات باغی	Jaekal	شغال
Garden plants	گیاهان باغی	Jambon	زامبون
Gazelle	آهو	Labiatae family plants	گیاهان خانواده لبیسان
Germinating plants	گیاهان در حال جوانه زدن	Ladybird beetles	کفشدوزک ها
Goat	بز	Larva	لارو
Goat wool	پشم بز	Late varieties	واریته های دیررس
Grains	دانه های غلات	Leather	چرم
Grains of wheat	دانه های گندم	Legumes	بقولات
Gramineae family plants	گیاهان خانواده غلات	Leguminosae family plants	گیاهان خانواده بقولات
Grasshopper	ملخ	Lepidoptera species	حشرات راسته بالپولک داران
Grasshopper egg	تخم ملخ	Lichen	گلستنگ
Grass seed	بذر چمن	Linen	پارچه کتانی
Green forages	علوفه سبز تازه	Livestock products	محصولات دامی
Greenhouse plants	گیاهان گلخانه ای	Livestock	چهارپایان
Grested lark	کاکلی	Lizard	سوسمار، مارمولک
Groat	بلغور	Malvaceae family plants	گیاهان خانواده پنیرکیان
Guinea pig	خرکجه هندی	Mammals	پستانداران
Hair	مو	Manure	کود حیوانی
Hard wood	چوب سفت	Marmalade	مریاب، لوزانک
Hard wood timber used in furniture and building	الوار چوب سفت مصرف شده در مبلمان و ساختمان	Mealybugs (scale insects)	شپشک ها
		Meat	گوشت

English name	Persian name	English name	Persian name
Meat meal	پودر گوشت	Preserved materials	مواد کنسرو شده
Medicinal plants	گیاهان دارویی	Psyllid	پسیل
Milk	شیر	Pullet	جوجه مرغ
Mite	کنه	Pupa of silkworm	شغیره کرم ابریشم
Mite egg	تخم کنه	Rabbit	خرگوش
Mites of Gramineae	کنه های غلات	Railroad tie	تراورس
Molasses	ملاس	Raisin	کشمش
Moss	خزه	Rat	موش
Mule	قاطر	Rayon clothing	لباس ابریشمی
Mushroom	قارچ خوراکی	Rayon fabric	ابریشم مصنوعی
Necrophage	مرده خوار	Rice	برنج
Noodle	ماکارونی، رشته فرنگی	Rosaceae family plants	گیاهان خانواده گل سرخیان
Noxious insects	حشرات مضر	Ruminants	نشخوار کنندگان
Nursery plants	گیاهان خزانه ای	Salicaceae family plants	گیاهن خانواده بیدها
Nuts	آجیل	Sausage	سوسیس، کالباس
Oil plants	گیاهان روغنی	Scale insects	شپشکها
Oilseeds	دانه های روغنی	Scrophulariaceae family plants	گیاهان خانواده گل میمون
Old book	کتاب کهنه	Seed	بذر، دانه
On ground	روی خاک، خاک	Seed of flax	دانه کتان
Organic materials	مواد آلی	Seed of sesame	دانه کنجد
Ornamental plants	گیاهان زینتی	Shade trees	درختان سایه دار
Paper	کاغذ	Sheep	گوسفند
Parasite	انگل	Sheep manure	کودگوسفندی
Parasitoid	پارازیتوئید	Shrub	درختچه
Parrot	طوطی	Silk	ابریشم
Pasture crops	محصولات مرتعی	Silkworm	کرم ابریشم
Pasture plants	گیاهان مرتعی	Small animals	جانوران کوچک
Peanut	بادام زمینی	Smoked fish	ماهی دودی
Peg	میخ چوبی	Snail	حلزون
Pigeon	کبوتر	Snake	مار
Plant	گیاه	Solanaceae family plants	گیاهان خانواده بادنجانیان
Plants collection	کلکسیون گیاهان	Spider	عنکبوت
Pollen	دانه گرده	Spider mites	کنه های قرمز
Pomaceous fruit trees	درختان میوه دانه دار	Sponge	اسفنج
Porcupine	جوجه تیغی	Spore	اسپر
Predator	شکارچی	Spring cereals	غلات بهاره

English name	Persian name	English name	Persian name
Starch	نشاسته	Tree	درخت
Starched cloths	منسوجات آهاردار	Truck crops	محصولات ویژه درهنگام حمل
Starchy materials	موادنشاسته ای	Tuberous plants	گیاهان غده ای
Ston fruit trees	درختان میوه هسته دار	Turkey	بوقلمون
Storage products	محصولات انباری	Umbellifereae family plants	گیاهان خانواده چتریان
Stored cereals	غلات انباری	Unhusked grains	دانه های غلات بدون پوست
Stored foods	غذاهای انباری	Upholstered furniture	مواد پارچه ای نظیر پرده و رومبلی
Stored legumes	حبوبات انباری	Vegetables	سبزی ها
Straw	کاه	Vinegar	سرکه
Stubble	کلش	Wagtail	دم جنبانک
Stuffing furniture	مواداضافی مصرف شده در پرکردن مبلمان	Wax	موم
Subtropical plants	گیاهان نیمه حاره ای	Weed	علف هرز
Sugar	قند	Wild fruit trees	درختان میوه وحشی
Sugary materials	موادقندی	Woody furniture	مبلمان چوبی
Summer crops	گیاهان صیفی	Wild Gramineae	غلات وحشی
Sunflower seed	دانه آفتابگردان	Wild plants	گیاهان وحشی
Sweet foods	مواد غذایی شیرین	Wild trees	درختان وحشی
Sweet liquids	مایعات شیرین	Wine	شراب
Swine	خوک، گراز	Wing of honeybee	بال زنبورعسل
Telegraph pole	دیرک تلفن و تلگراف	Winter cereals	غلات پاییزه
Textile plants	گیاهان لیفی	Wolf	گرگ
Timber	الوار، تخته	Wood	چوب
Timbers and wooden finishing	الوار چوب های رنگ آمیزی و یا جلاداده شده	Woody materials	مواد چوبی
Tinned fruits	میوه های کنسرو شده	Wool	پشم
Tobacco	توتون	Wooly materials	موادپشمی
Tortoise	لاک پشت	Zoological collection	کلکسیون جانوران





## Index of distribution areas and habitat

(فهرست راهنمای مناطق پراکنش و محیط‌های زیست)

English name	Persian name	English name	Persian name
All over Iran	سراسر ایران	Granary	انبار
Almond planting areas	مناطق بادام کاری کشور	Greenhouse	گلخانه
Ardabil	استان اردبیل	Hamadan	استان همدان
Azarbaijan	منطقه آذربایجان	Herbarium	هرباریم
Balouchestan	استان سیستان و بلوچستان	Hormozgan	استان هرمزگان
Boushehr	استان بوشهر	House	منزل
Building	ساختمان	Ilam	استان ایلام
Caspian Sea area	سواحل دریای خزر	Iran	ایران
Central provinces	استانهای مرکزی کشور	Irrigation ditch	نهر آبیاری، کانال آبیاری
Chahar Mahal	استان چهار محال و بختیاری	Kerman	استان کرمان
Cigar store	مغازه سیگار فروشی	Kermanshah	استان کرمانشاه
Citrus planting areas	مناطق مرکبات کاری کشور	Khorasan	استان خراسان
Dasht -E- Kavir	کویر مرکزی ایران	Khuzestan	استان خوزستان
Dasht -E- Lut	کویر لوت	Kohkilouye	استان کهگیلویه و بویر احمد
Date-palm planting areas	مناطق خرما کاری کشور	Kordestan	استان کردستان
East Azarbaijan	استان آذربایجان شرقی	Light trap	تله نوری
Eastern provinces	استانهای شرق کشور	Lorestan	استان لرستان
Elburz mountain	کوه البرز	Markazi	استان مرکزی
Esfahan	استان اصفهان	Mazandaran	استان مازندران
Fars	استان فارس	Most areas of country	اکثر مناطق کشور
Fig planting areas	مناطق انجیر کاری کشور	North-eastern provinces	استانهای شمال شرقی کشور
Foldyard	اصطبل گاو و گوسفند	Northern provinces	استانهای شمال کشور
Forests of northern region	جنگل های شمال کشور	Northern citrus planting areas	مناطق مرکبات کاری شمال کشور
Forests of Zagros	جنگل های زاگروس	Northern rice planting areas	مناطق برنج کاری شمال کشور
Fruit trees planting areas	مناطق میوه خیز کشور	Northern slopes of Elburz mountains	دامنه های شمالی کوه های البرز
Generally distributed	همه جا گیر	North-western provinces	استان های شمال غربی کشور
Gilan	استان گیلان		
Gorgan	منطقه گرگان		

English name	Persian name	English name	Persian name
Nursery	خزانه	Southern slopes of Elburz mountains	دامنه های جنوبی کوه های البرز
Oman Sea area	سواحل دریای عمان	South-western provinces	استان های جنوب غربی کشور
Outside store	خارج از انبار	Store	انبار، مغازه
Persian Gulf area	سواحل خلیج فارس	Sugar-beet planting areas	مناطق چغندرکاری کشور
Persian Gulf ports	بنادر خلیج فارس	Taftan mountain	کوه تفتان
Pistachio planting areas	مناطق پسته کاری کشور	Tehran	استان تهران
Prairie	چمن زار، مرغزار	Tobacco factory	کارخانه توتون
Sabalan mountain	کوه سیلان	Vineyard areas	مناطق مرکاری کشور
Sandy areas of northern region	شن زارهای شمال کشور	Walnut planting areas	مناطق گردوکاری کشور
Semnan	استان سمنان	West Azarbaijan	استان آذربایجان غربی
Ship	کشتی	Western provinces	استان های غرب کشور
South-eastern provinces	استان های جنوب شرقی کشور	Yazd	استان یزد
Southern citrus planting areas	مناطق مرکبات کاری جنوب کشور	Zagros mountain	کوه زاگروس
Southern date-palm planting areas	مناطق خرما کاری جنوب کشور	Zanjan	استان زنجان
Southern provinces	استان های جنوب کشور	Zard-Kouh	زردکوه (بختیاری)

## General index of categories

(فهرست راهنمای عمومی کاتگوریها)

- Aata finchi*, 131  
*Abgralaspis ephedrarum*, 110  
*A. kaussari*, 93  
*Abia sericea*, 268  
*Ablattaria arenaria*, 194  
*Abothris jakovlevi*, 135  
*Absinthaphis cinea*, 86  
*Absoloniana diversipes*, 14  
 ACANTHIIDAE, 70  
*Acanthiophilus helianthi*,  
 257, 273, 277, 284  
*Acanthohermes quercus*, 122  
*Acanthocinus aedilis*, 142  
*A. elegans*, 142  
*A. montanus*, 142  
*Acanthococcus abaii*, 118, 157  
*Acantholeucania loreyi*, 220  
*Acantholipes circumdata*, 213  
*A. regularis*, 213  
*Acanthomytilus farsianus*, 110  
*A. intermittens*, 110  
*A. kurdicus*, 110  
*Acanthophorus hardei*, 142  
*Acanthoscelides irsectus*, 130  
*A. mimosae*, 130  
*A. obtectus*, 130  
*Acanthosoma haemorrhoidalis*, 69  
 ACANTHOSOMATIDAE, 69  
*Acapthylla theae*, 16  
*Acarapis woodi*, 19  
 ACARIDAE, 13  
 ACARIDIDA, 13  
 ACARINA, 13  
*Acaropsellina docta*, 33  
*Acarus siro*, 13  
*Acaudinum beheni*, 86  
*Aceria dianthus*, 16  
*A. erineus*, 16  
*A. ficus*, 16  
*A. granati*, 16  
*A. illicis*, 16  
*A. macrorrhyncha*, 16  
*A. macrorrhynchus*, 16  
*A. parapopuli*, 16  
*A. pistaciae*, 16  
*A. sheldoni*, 16  
*A. stefanii*, 16  
*A. tristriatus*, 16  
*Acericerus jahromicus*, 102  
*Achaelothrips loboptera*, 68  
*Acherontia atropos*, 238, 255  
*A. styx*, 238  
*Acheta agricola*, 52  
*A. bimaculata*, 52  
*A. burdigalensis*, 52  
*A. campestris*, 52  
*A. deserta*, 52  
*A. desertus*, 52  
*A. domestica*, 52  
*A. italicus*, 52  
*Achroia grisella*, 203, 265, 278  
*Achrus caligonicolus*, 102  
*A. taghizadehi*, 102  
*Acidalia beckeraria*, 204  
*Acleris abildgaardana*, 241  
*A. cristana*, 241  
*A. variegana*, 241  
*Aclypea opaca*, 195  
*A. pamirensis*, 194  
*A. turkestanica*, 194  
*Acmaeodera adpersula*, 131  
*A. brevipes*, 131  
*A. bushirensis*, 131  
*A. cuprifera escalerae*, 131  
*A. cuprinula*, 131  
*A. flavofasciata*, 131  
*A. irrorata*, 131  
*A. lugens*, 131  
*A. obscura*, 131  
*A. persica*, 131  
*A. taeniata persica*, 132  
*Acmaeodrella nannorrhopsicola*, 132  
*A. safavi*, 132  
*A. sp. nr. fatima*, 132  
*A. sp. nr. philistina*, 132  
*Acmaeops collaris*, 142  
*Acomys cahirinus*, 8  
*A. cahirinus dimitiatus*, 8  
*Acontia lucida*, 223  
*A. lucida form albicollis*, 224  
*A. luctuosa*, 224  
*A. urania*, 224  
*Aconurella proluxa*, 102  
*Acorypha insignis*, 38  
*Acrida deserti*, 38  
*A. exaltata*, 38  
*A. oxycephala*, 38  
*A. turrita*, 38  
*A. turrita deserti*, 38  
*Acridella mesopotamica*, 48

- Acridella nasuta*, 38  
*A. robusta*, 38, 48  
ACRIDIDAE, 38  
*Acridium aegyptium*, 49  
*A. aegyptium aegyptium*, 49  
*A. bolivari*, 56  
*A. depressum*, 49, 56  
*A. dorsatum*, 51  
*A. grossum*, 38  
*A. peregrinum*, 51  
*A. sebetium*, 44  
*A. strepens*, 38  
*A. subulatum*, 49  
*A. tartaricum*, 51  
*A. tenuicorne*, 49  
*A. vittatus*, 38  
*Acrobasis* sp. nr. *stris-*  
*quamella*, 230, 267  
*Acrometopa syriaca*, 56  
*Acronycta aceris*, 214  
*A. centralis*, 223  
*A. eleagni*, 213  
*A. megacephala* form *cen-*  
*tralis*, 223  
*A. psi*, 214  
*A. rumicis*, 214  
*A. sp.*, 265  
*Acrosternum breviceps*, 76  
*A. heegeri*, 76  
*A. millieri*, 76  
*Acrotylus insubricus*, 38  
*A. insubricus inficitus*, 38  
*A. insubricus innotatus*, 38  
*A. insubricus insubricus*, 38  
*A. longipes*, 38  
*A. longipes longipes*, 38  
*A. longipes subfasciatus*, 38  
*A. versicolor*, 38  
ACRYDIIDAE, 49, 55  
*Acrydium decorum*, 44  
*Aculops lycopersici*, 16, 17  
*A. sp.*, 16  
*Aculus schlechtendali*, 16  
*Acyrtosiphon bidentis*, 86  
*A. cyparissiae*, 86  
*A. gossypii*, 86  
*Acyrtosiphon ignotum*, 86  
*A. ilka*, 86  
*A. kondoi*, 86  
*A. lactucae*, 86  
*A. loti*, 86  
*A. onobrychis*, 86  
*A. pelargonii*, 86  
*A. pelargonii agrimoniae*, 86  
*A. pelargonii geranii*, 86  
*A. pisum*, 86, 263, 266  
*A. scariolae*, 86  
*Acyrtosiphon curvirostris*, 162  
*A. curvirostris citrulli*, 162  
*A. curvirostris curvirostris*,  
162  
*A. curvirostris granulipennis*,  
162  
*A. curvirostris persicus*, 162  
*Adalia bipunctata*, 155  
*A. bipunctata* form  
*hexpustulata*, 155  
*A. bipunctata* form  
*quadrimaculata*, 155  
*A. decempunctata*, 155  
*A. decempunctata* form  
*humeralis*, 155  
*A. decempunctata* form  
*subpunctata*, 155  
ADELGIDAE, 84  
*Adelphocoris lineolatus*, 73  
*A. lineolatus binotata*, 73  
*A. vandalicus*, 74  
*Adesmia fischeri*, 195  
*A. panderi iranica*, 195  
*Adiscodiaspis tamarici-*  
*cola*, 117  
*Adleria caput-medusae*, 268  
*A. insana*, 268  
*Adonia variegata*, 155  
*A. variegata* form *carpini*, 155  
*A. variegata* form  
*constellata*, 155  
*A. variegata* form  
*neglecta*, 155  
*A. variegata* form  
*quinguemaculata*, 155  
*Adonia variegata* form  
*sempunctata*, 155  
*Adopaea lineola*, 207  
*A. silvester*, 207  
*A. thaumas*, 207  
*Adoretus comptus*, 186  
*A. discolor*, 186  
*A. irakanus*, 186  
*A. nigrifrons*, 186  
*A. persicus*, 186  
*A. sistanicus*, 186  
*Aedes cspusai*, 247  
*Aedia funesta*, 213  
*A. leucomeles*, 213  
*Aedophron phlebotora*, 213  
*Aegeria apiformis*, 198  
*A. myopiformis*, 198  
AEGERIIDAE, 196  
*Aegle koekeritziana*, 213  
*A. koekeritziana* form  
*subfumata*, 213  
*A. subflava*, 213  
*Aegosoma scabricornis*, 146  
*Aegyptobia beglarovi*, 19  
*A. daneshvari*, 19  
*A. ptyptus*, 19  
*A. tragardh*, 19  
AEGYREIDAE, 225  
*Aelia acuminata*, 76, 279, 280  
*A. furcula*, 76, 280  
*A. melanota*, 76  
*A. rostrata*, 76  
*A. sp.*, 271  
*A. virgata*, 77  
*Aeolesthes sarta*, 142  
AEOLOTHRIPIDAE, 65  
*Aeolothrips albicinctus*, 65  
*A. collaris*, 65  
*A. ericae*, 65  
*A. fasciata* var. *adusta*, 65  
*A. fasciatus*, 65  
*A. intermedius*, 65  
*A. propinquus*, 65  
*A. tenuicornis*, 65  
*Aethus flavicornis*, 71  
*A. pilosus*, 71

- Aethus rugosus*, 71  
*Agallia firdausica*, 102  
*A. ribauti*, 103  
*A. sinuata*, 100  
*A. venosa*, 103  
 AGAONTIDAE, 260  
*Agapanthia cardui*, 142  
*A. chalybaea*, 142  
*A. coeruleipennis*, 142  
*A. dahli*, 142  
*A. ivakteri*, 142  
*A. kirbyi*, 142  
*A. lineaticollis*, 142  
*A. persicola*, 142  
*A. subchalybaea*, 142  
*A. suturalis*, 142  
*A. violacea*, 142  
*Agatharchus linea*, 77  
*A. montanus*, 77  
*A. tritaenia*, 77  
*Agelastica alni*, 151  
*A. caerulea*, 151  
*A. violacea*, 151  
*Ageniaspis fuscicollis*, 270  
*A. testaceipes*, 270  
*Agistemus bakeri*, 19  
*A. macrommatus*, 19  
*A. sp. nr. unguiparvus*, 19  
*Aglia tau*, 240  
*Aglossochloris crucigerata*, 204  
*A. fulminaria*, 204  
*Agonosceua cisti*, 85  
*A. targionii*, 85, 271  
*A. viridis*, 85  
*Agostenus descarpentriasi*, 140  
*Agrilus biguttatus*, 132  
*A. chryseis*, 132  
*A. haustulifer*, 132  
*A. hermineus*, 132  
*A. linearis*, 132  
*A. roscidus*, 132  
*A. sinuatus*, 132  
*A. viridicaerulans esfandiarinus*, 132  
*A. viridipennis*, 132  
*A. viridis*, 132  
*Agriolimax agrestis*, 12  
*A. caspicus*, 12  
*Agriopsis bajaria*, 204  
*Agriotes acuminatus*, 173  
*A. elongatus*, 173  
*A. hirtellus*, 173  
*A. lineatus*, 173  
*A. meticulousus*, 173  
*A. obscurus*, 173  
*A. obtusus*, 173  
*A. segetis*, 173  
*A. striatus*, 173  
*Agrilus convolvuli*, 238  
*Agrochola lychnidis*, 213  
*Agrodiaetus rjabovi valiabadi*, 199  
*Agromyza abnibetulae*, 243  
*A. ambigua*, 243  
*A. schineri*, 243  
 AGROMYZIDAE, 243  
*Agrotis c-nigrum*, 214  
*A. comes*, 213  
*A. conspicua*, 218  
*A. crassa golickeri*, 222  
*A. exclamationis*, 222, 255, 257  
*A. ipsilon*, 222  
*A. obesa*, 222  
*A. orbona*, 213  
*A. pronuba*, 220  
*A. putris*, 213  
*A. segetum*, 222  
*A. spinifera*, 222  
*A. temera leucotera*, 218  
*Ahasverus advena*, 195  
*Aiolopus affinis*, 38  
*A. savignyi*, 38  
*A. strepens*, 38  
*A. tergestinus*, 38  
*A. thalassinus*, 38  
*Akbesia davidi*, 238  
*A. davidi davidi*, 238  
*Albaxona sp.*, 32  
*Albia sp.*, 33  
*Alebra alhostriella*, 103  
*Aleiodes sp.*, 265  
*Aleucanitis cailino*, 213  
*A. caucasica*, 217  
*A. columbina*, 213  
*A. flexuosa*, 214  
*Aleurobius farinae*, 13  
*Aleurocanthus woglumi*, 84  
*Aleuwodes cotesii*, 85  
*A. crataegi*, 84  
*A. niloticus*, 84  
*A. ricini*, 85  
*A. rosae*, 84, 85  
 ALEURODIDAE, 84  
*Aleuroglyphus ovatus*, 14  
*Aleurolobus mariatti*, 84  
*A. moundi*, 84  
*A. selangorensis*, 84  
*Aleurotrachelus alhagi*, 84  
*Aleyrodes fraxini*, 85  
*A. inconspicua*, 85  
*A. singularis*, 84, 262  
 ALEYRODIDAE, 84  
*Allactaga elator*, 6, 259  
*A. elator aralychensis*, 6  
*A. elator indica*, 6  
*A. elator strandi*, 6  
*A. elator turkmeni*, 6  
*A. euphratica*, 6  
*A. hotsoni*, 6  
*A. hotsoni hotsoni*, 6  
*A. williamsi*, 6, 30  
*A. williamsi schmisti*, 7  
*A. williamsi williamsi*, 7  
*Allactagalus acontion*, 7  
*A. acontion turcomanus*, 7  
*A. pumilio*, 7  
*A. pygmaeus*, 7  
*Allantus viennensis*, 282  
 ALLECULIDAE, 127  
*Alloeoglypta pretiosa*, 77  
*Allograpta sp.*, 253  
*Allophyes sp.*, 214  
*Allosterna scapularis*, 142  
*A. tabacicolor caucasica*, 142  
*Allothrombium pubvinum*, 36  
*A. sp.*, 36  
*A. triticum*, 37

- Allygus mixtus*, 103  
*Alophora subcoleoprata*, 256  
*Alosimus armeniacus*, 175  
*A. luteus*, 176  
*A. smyrnensis*, 176  
*A. syriacus*, 176  
*Alphitobius bifasciatus*, 195  
*A. diaperinus*, 195  
*A. laevigatus*, 195  
*A. ovatus*, 195  
*A. piceus*, 195, 196  
*Alucita pentadactyla*, 233  
*A. uvella*, 207  
 ALYDIDAE, 69  
*Alydus annulatus*, 69  
*Amara aenea*, 185  
*A. cadoudali*, 185  
*A. chodjajii*, 185  
*A. vulgaris*, 185  
*Amarysius altaicensis*, 142  
*Amata nigricornis*, 199  
*A. phegea*, 240  
*Amathes c-nigrum*, 214  
 AMATIDAE, 199  
*Amaurocoris curtus*, 71  
*Amblydromella dalfardica*, 26  
*A. iranensis*, 26  
*A. kerkirac*, 26  
*A. kettanehi*, 26  
*A. neyshabouris*, 26  
*Amblyseius aberrans*, 27  
*A. bakeri*, 26  
*A. benjamini*, 26  
*A. bicautus*, 26  
*A. chergui*, 26  
*A. finlandicus*, 27  
*A. harrowi*, 26  
*A. herbicolus*, 26  
*A. largoensis*, 26  
*A. levis*, 28  
*A. libanesi*, 27  
*A. luppovae*, 26  
*A. marginatus*, 26  
*A. mcmurtryi*, 26  
*A. meassor*, 26  
*A. redemacheri*, 28  
*Amblyseius shambati*, 26  
*A. similis*, 26  
*A. sp. nr. cucumeris*, 26  
*A. zwoelferi*, 26  
*Amevilla albigena*, 260  
*A. confusa*, 260  
*A. quadrifasciata*, 260  
*A. salviae*, 260  
 AMEROSEIIDAE, 14  
*Ameroseius plumigerus*, 28  
*Amicta murina*, 232  
*A. quadrangularis*, 232  
*A. shahkuhensis*, 232  
*A. villosa*, 232  
*Amictoides shahkuhensis*, 232  
*Amitermes belli*, 61  
*A. corpulentus*, 61  
*A. messinae*, 61  
*A. minimus*, 61  
*A. sp. nr. stephensoni*, 61  
*A. vilis*, 61  
*Ammiaphis sii*, 86  
*Ammocleonus aschabadensis*, 162  
*A. ganglbaueri*, 162  
*A. hieroglyphicus*, 162  
*A. quadrimaculatus*, 162  
*Ammophila cyanipennis*, 281  
*A. dives*, 281  
*A. erythrocephala*, 281  
*A. festiva*, 281  
*A. heydenii*, 281  
*A. heydenii rubriventris*, 281  
*A. hirsuta*, 281  
*A. hirsuta mervensis*, 281  
*A. limbata*, 281  
*A. minax*, 281  
*A. modesta*, 281  
*A. morawitzi*, 281  
*A. sabulosa*, 281  
*A. tydei*, 281  
*Amorpha populeti*, 238  
*A. populi*, 238  
*A. populi kindermani*, 238  
*Ampedus sanguinolentus*, 173  
*Ampelophaga rubigenosa*, 201  
*Amphicoma arctos* form  
     *armeniaca*, 186  
*A. arctos* form *aurantiaca*, 186  
*A. bombyliiformis*, 186  
*A. genei*, 186  
*A. nitidicollis*, 186  
*A. psilotrichia*, 186  
*A. pulchra*, 186  
*A. vittata scutellata*, 186  
*A. vulpes*, 186  
*A. zaitzevi*, 186  
*Amphidasis betularius*, 204  
*Amphimallon autumnalis*, 186  
*A. caucasicus*, 186  
*A. caucasicus persicum*, 186  
*A. limbatipennis*, 186  
*A. solstitialis*, 186  
*A. solstitialis solstitialis*, 187  
*A. vernalis*, 186  
*Amphipsylla argoi*, 257  
*A. rossica rossica*, 258  
*A. schelkovnikovi schelkovnikovi*, 258  
 AMPHIPSYLLIDAE, 257  
*Amphipyra pyramidea*, 214  
*A. tragopogonis*, 214  
*Amphorophora rubi*, 86  
*Amycla albicornis*, 122  
*Anabrolepis zellertedi*, 270  
*Anacanthotermes ahngerianus*, 60  
*A. baeckmannianus*, 61  
*A. murgabicus*, 61  
*A. ochraceus*, 61  
*A. turkestanicus*, 61  
*A. ubachi*, 61  
*A. vagans septentrionalis*, 61  
*Anaceratagallia halophila*, 103  
*A. harrarensis*, 103  
*A. laevis*, 103  
*Anacridium aegyptium*, 49  
*A. aegyptium aegyptium*, 49  
*A. aegyptium rubrispinum*, 49  
*Anagasta kuehniella*, 234  
*Anaglyptus arabicus*, 142

- Anaglyptus ganglbaueri*, 143  
*A. persicus*, 143  
*A. simplicicornis*, 143  
*Anagyrus agraensis*, 270  
*A. dactilopii*, 270  
*A. dirersicornis*, 270  
*A. indicus*, 270  
*A. pseudococci*, 262, 270  
*A. schonherri*, 270  
*Anaitis plagiata*, 204  
*Anania verbascalis egentalis*,  
233  
*Ananothrotes fieberi*, 38  
*Anantha lateralis*, 256  
*Anaphothrips obscurus*, 66  
*A. sudanensis*, 66  
*Anapulvinaria pistaciae*, 109  
*Anarsia lineatella*, 203, 265,  
270, 271  
*Anastatus disparis*, 273  
*Anastoechus* sp., 244  
*Anaticola anseris*, 63  
*A. cassicornis*, 63  
*Anchesmus rubriplaga*, 77  
*Ancholeus hafezi*, 185  
*Ancylotomia palpella*, 233  
*A. palpella palpella*, 233  
*A. tentaculella*, 233  
*A. tripolitella*, 233  
*Ancyrosoma leucogrammes*, 82  
*Andrallus spinidens*, 77  
*Andrena flavipes*, 260  
*A. labialis*, 260  
*A. ovatula*, 260  
ANDRENIDAE, 260  
*Andricus bayssoni*, 268  
*A. cecconi*, 268  
*A. secundatrix*, 268  
*A. grossulariae*, 268  
*A. kollari*, 269  
*A. lucidus*, 268  
*A. panteli*, 268  
*A. solitarius*, 268  
*A. theophrastea*, 269  
*A. theophraster*, 269  
*Androlaelaps casalis*, 28  
*Androsa roscida*, 199  
*Anechura asiatica*, 62  
*A. asiatica asiatica*, 62  
*Anisandrus dispar*, 192  
*Anisarthrocera batesi*, 176  
*A. batesi villiersi*, 176  
ANISITSIELLIDAE, 32  
*Anisochrysa flavifrons*, 125  
*A. genei*, 125  
*A. prasina*, 125  
*Anisolabis annulipes*, 62  
*Anisoplia agricola*, 187  
*A. arvicola*, 187  
*A. austriaca*, 187  
*A. austriaca major*, 187  
*A. campestris*, 187  
*A. crucifera*, 187  
*A. cyathigera*, 187  
*A. farraria*, 187  
*A. fructicola*, 187  
*A. lata*, 187  
*A. leucaspis*, 187  
*A. postuchowa*, 187  
*A. remota*, 187  
*A. segetum*, 187  
*A. turcomana*, 187  
*Anisopteromalus calandrae*,  
278  
*A. mollis*, 278  
*Anisostica bitriangularis*, 155  
*A. 19-punctata*, 155  
ANOBIIDAE, 128  
*Anobium denticolae*, 128  
*A. domesticum*, 128  
*A. paniceum*, 128  
*A. punctatum*, 128  
*Anoecia africana*, 85  
*A. corni*, 85  
*A. utricularis*, 85  
*A. vagans*, 85  
*A. zirnitsi*, 85  
ANOECIIDAE, 85  
ANOETIDAE, 24  
*Anomala splendida*, 187  
*Anopheles algeriensis*, 247  
*A. apoci*, 247  
*Anopheles arabica*, 247  
*A. claviger*, 247  
*A. culicifacies*, 247  
*A. culicifacies adenensis*, 247  
*A. culicifacies culicifacies*, 247  
*A. dthali*, 247  
*A. fluviatilis*, 247  
*A. hyrcanus*, 247  
*A. hyrcanus hyrcanus*, 247  
*A. hyrcanus nigerrimus*, 247  
*A. hyrcanus pseudopictus*, 247  
*A. maculipennis*, 247  
*A. maculipennis maculipennis*,  
247  
*A. marteri*, 247  
*A. marteri marteri*, 248  
*A. marteri sogdianus*, 248  
*A. moghulensis*, 248  
*A. multicolor*, 248  
*A. plumbeus*, 248  
*A. pulcherrimus*, 248  
*A. sacharovi*, 248  
*A. sergenti*, 248  
*A. sogdianus*, 248  
*A. stephensi*, 248  
*A. stephensi mysorensis*, 248  
*A. subpictus*, 248  
*A. superpictus*, 248  
*A. turkhudi*, 248  
*Anoplius* sp., 277  
*Anoplodera rufipes*, 145  
ANOPLURA, 64  
*Anoxia cinerea*, 187  
*A. pilosa*, 187  
*Anthuxia aladin*, 132  
*A. amasina amasina*, 132  
*A. anatolica*, 132  
*A. angustipennis*, 132  
*A. armenica*, 132  
*A. armenica armenica*, 132  
*A. aspera*, 132  
*A. aurulenta*, 132, 135  
*A. bicolor*, 132  
*A. brevis*, 132  
*A. cichorii*, 132  
*A. deaurata*, 132



- Anthaxia dradena shelkovnikovi*, 132
- A. ephippiata*, 132
- A. farinigera*, 133
- A. hemichrysis*, 133
- A. hungarica*, 133
- A. judinae*, 133
- A. kakalae*, 133
- A. lucidiceps*, 133
- A. manca*, 135
- A. millofolii*, 133
- A. muliebris*, 133
- A. muticae*, 133
- A. passerini*, 133
- A. salicis*, 133
- A. salicis persica*, 133
- A. schah*, 133
- A. sp. nr. flavicornis*, 133
- A. sp. nr. moises*, 133
- Anthemania lunulatus*, 78
- A. pusio*, 78
- Anthia mannerheimi*, 140
- ANTHICIDAE, 128
- Anthicus floralis*, 128
- Anthidiellum strigatum*, 276
- Anthidium affine*, 276
- A. cingulatum*, 276
- A. dalmaticum*, 276
- A. florentinum*, 276
- A. latreillei*, 276
- A. limbiferum*, 276
- A. oblongatum*, 276
- A. strigatum*, 276
- A. variegatum*, 276
- Anthocharis cardamines*, 230
- A. charlonia transcaspica*, 230
- A. damone*, 230
- Anthocopa sp.*, 276
- ANTHOCORIDAE, 69
- Anthocoris gallarum ulmi*, 69
- A. minki*, 69
- A. minki var. pistaciae*, 69
- A. nemoralis*, 69
- A. nemorum*, 69
- A. persicus*, 69
- ANTHOMYIDAE, 243
- Anthomyiidae*, 243
- Anthonomus gemmicola*, 162
- A. incurvus*, 162
- A. ornatoides*, 162
- A. pomorum*, 69, 162, 278
- A. pyri*, 162
- Anthophila nemorana*, 207
- A. parialis*, 207
- A. pariana*, 207
- Anthophilopsis baptalis*, 233
- Anthophora agama*, 260
- A. albigena*, 260
- A. exschowi*, 260
- A. parentinus*, 260
- A. quadrifasciata*, 260
- A. robusta*, 260
- A. salviae*, 260
- A. sinerascens*, 261
- A. tarsati*, 261
- A. velutissima*, 261
- ANTHOPHORIDAE, 260
- Anthoseius kazachstanicus*, 26
- Anthrax stictica*, 244
- Anthrenus fasciatus*, 170
- A. flavipes*, 170
- A. museorum*, 171
- A. obscurus*, 171
- A. pimpinellae*, 171
- A. scrophulariae*, 171
- A. verbasci*, 171
- A. vorax var. siminivius*, 171
- ANTHROCERIDAE, 242
- Antigastra catalaunensis*, 234, 266
- Antispodrus esfandiarii*, 185
- Antispila rivillella*, 207
- Antonina bombusae*, 122
- A. crawi*, 122
- Anua tirhaca*, 214
- A. tirrhaea*, 214
- A. tyrhaea*, 222
- Anumeta asiatica*, 214
- A. atrosignata form spilota*, 214
- Anuraphis carotae*, 92
- A. catonii*, 86
- Anuraphis ephedrae*, 86
- A. farfarae*, 86
- A. persicae*, 86
- A. persicaeniger*, 87
- A. pyri*, 87
- A. roseus*, 93
- A. subterranea*, 87
- Anychus latus*, 23
- ANYSTIDAE, 14
- Anystis baccarum*, 14
- A. sp.*, 14
- Aonidiella aurantii*, 110, 261, 262
- A. aurantii var. citrina*, 110
- A. citrina*, 110, 261, 262, 271
- A. fusca*, 117
- A. inopinata*, 115
- A. orientalis*, 14, 111, 156, 157, 159, 184, 261, 262, 270
- A. robusta*, 115
- Apamaea prope-obscura*, 214
- A. sordens*, 214
- Apanteles bicolor*, 265
- A. chilonis*, 265
- A. congestus*, 265
- A. galleriae*, 265
- A. glomeratus*, 265
- A. juniperatus*, 265
- A. kazak*, 265
- A. lacteicolor*, 265
- A. lantellus*, 265
- A. liparidis*, 265
- A. melanosceus*, 265
- A. ruficrus*, 265
- A. sp. nr. sarcitorius*, 265
- A. xanthostigmus anarsiae*, 265
- Apate gibba*, 129
- A. mendica*, 129
- A. monachus*, 129
- Apatele aceris*, 214, 265
- A. psi*, 214
- A. rumicis*, 214
- Apatila centralis*, 214
- A. megacephala*, 214
- Apatile centralis*, 214
- A. megacephala*, 214

- Apatophysis caspica*,143  
*A. modica*,143  
*Apatura iris*,225  
*Aphaenophyes richteri*,74  
 APHALARIDAE,85  
*Aphantopus hyperantus*,235  
*Aphanus rolandri*,72  
*Apharitis epargyros*,210  
 APHELINIDAE,261  
*Aphelinus asychis*,261  
*A. mali*,261  
*A. sp. nr. flaviventris*,261  
*A. varipes*,261  
*Aphelonyx cerricola*,268  
 APHIDAE,86  
 APHIDIDAE,86  
 APHIDIIDAE,263  
*Aphidius colemani*,263  
*A. ervi*,263  
*A. matricariae*,263  
*A. rapae*,263  
*A. rhopalosiphii*,268  
*A. spp.*,263  
*A. urticae*,263  
*A. uzbekistanicus*,263  
*Aphidura gypsophyllae*,87  
*Aphis aceris pseudoplatani*,100  
*A. acetosae*,87  
*A. adjuta*,98  
*A. adusta*,97  
*A. affinis*,87  
*A. africana*,97  
*A. althaeae*,87  
*A. amygdali*,86  
*A. aparines*,95  
*A. armata*,87  
*A. arundinis*,94  
*A. arundis*,94  
*A. asclepiadis*,89  
*A. asperulae*,95  
*A. avena-sativa*,97  
*A. avicularis*,87  
*A. ballotae*,87  
*A. balloticola*,87  
*A. bellis*,90  
*Aphis bidentis*,87  
*A. brohmeri*,87  
*A. bursarius*,121  
*A. calotropidis*,89  
*A. camelliae*,98  
*A. capreae*,92  
*A. catalpae*,87  
*A. cerasi*,86  
*A. cerealis*,98  
*A. chlores*,87  
*A. chrysanthemi*,90  
*A. ciceri*,87  
*A. cichorii*,88  
*A. citricola*,87  
*A. confusa*,87  
*A. corni*,85  
*A. coffeae*,98  
*A. coronilla*,87  
*A. coryli*,92  
*A. crataegi*,87  
*A. craccivora*,87,156,263  
*A. crataegi*,89,92  
*A. cratapella*,97  
*A. cucurbiti*,88  
*A. cytisorum*,87  
*A. deutziae*,87  
*A. dianthi*,96  
*A. dipsaci*,95  
*A. dlabolai*,87  
*A. durantae*,89  
*A. durranti*,89  
*A. dusmeti*,91  
*A. edentula*,97  
*A. elongata*,87  
*A. epilobii*,88  
*A. euphorbiae*,88  
*A. euphorbicola*,88  
*A. evonymi*,88  
*A. fabae*,88,157,160,161,254,263  
*A. fabae cirsiacanthoides*,88  
*A. fabae fabae*,88  
*A. fabae mordvilkovi*,88  
*A. fabae solonella*,88  
*A. farinosa*,88  
*A. florisorum*,91  
*Aphis forbesi*,88  
*A. frangulae*,88  
*A. gali-scabri*,88  
*A. gerardianae*,88  
*A. gossypii*,88,155,156,157,159,161  
*A. grossulariae*,88  
*A. hederiae*,88  
*A. helichrysi*,90  
*A. holci*,97  
*A. idaei*,88  
*A. inharens*,90  
*A. intybi*,88  
*A. juglandis*,100  
*A. kashkuli*,88  
*A. kochi*,86  
*A. laburni*,87,88  
*A. lamberti*,88  
*A. lanata*,120  
*A. lanigera*,120  
*A. lata*,90  
*A. mali*,89  
*A. medicaginis*,87  
*A. nasturtii*,88  
*A. nepetae*,88  
*A. nerii*,89  
*A. onopordi*,90  
*A. papaveri*,88  
*A. parietariae*,89  
*A. persicae*,86  
*A. persicaeniger*,87,91  
*A. persicaeola*,91  
*A. picridis*,89  
*A. pisi*,86  
*A. pistaciae*,120  
*A. plantaginis*,89  
*A. polygonata*,87,89  
*A. pomi*,14,89,160,254,263  
*A. populeti*,102  
*A. populi*,102  
*A. potentiella*,89  
*A. poterii*,89  
*A. praeterita*,89  
*A. prepingua*,89  
*A. pruni*,96  
*A. punicae*,89

- Aphis pyri*, 86, 92  
*A. quadrituberculata*, 90  
*A. reopkea*, 89  
*A. roboris*, 119  
*A. ruborum*, 89  
*A. rufulae*, 89  
*A. rumicis*, 88, 89  
*A. saliceti*, 88, 102  
*A. salviae*, 89  
*A. sambuci*, 89  
*A. sanguisorbae*, 89  
*A. sedi*, 89  
*A. solanella*, 89  
*A. spinarum*, 94  
*A. spiraecola*, 89  
*A. spiraephaga*, 89  
*A. stachydis*, 89  
*A. striata*, 89  
*A. taraxicola*, 89  
*A. teucriti*, 89  
*A. thalictri*, 89  
*A. tiliae*, 100  
*A. umbellatorum*, 92  
*A. umbrella*, 89  
*A. urticae*, 90  
*A. vanderagooti*, 90  
*A. verbasci*, 90  
*A. verbenae*, 90  
*A. viticis*, 90  
*Aphodius affinis*, 187  
*A. contaminatus*, 187  
*A. fimetarius*, 187  
*A. ghadimaouensis*, 187  
*A. hydrochoeris*, 187  
*A. lineimargo*, 187  
*A. lituratus*, 187  
*A. lugens*, 187  
*A. melanosticus*, 187  
*A. persicus*, 187  
*A. prodromus*, 187  
*A. pruinus*, 187  
*A. punctipennis*, 187  
*A. satellitus*, 187  
*A. trucidatus* form *suturifer*,  
188  
*A. wollastoni*, 188  
*Aphrophora alni*, 101  
*A. bifasciata*, 101  
*A. spumaria*, 101  
*Aphytis chrysomphali*, 261  
*A. chrysomphali* var. *mazan-*  
*daranica*, 261  
*A. lepidosaphes*, 261  
*A. libanicus*, 261  
*A. maculicornis*, 261  
*A. mytilaspidis*, 261  
*A. proclia*, 261  
APIDAE, 263  
*Apion aeratum*, 163  
*A. aestivum*, 162  
*A. angustatum*, 162  
*A. apricans*, 162  
*A. curvirostre*, 162  
*A. fagi*, 162  
*A. flavipes*, 162  
*A. ferumentarium*, 162  
*A. frumentarius*, 162  
*A. languidum*, 162  
*A. longirostre*, 162  
*A. loti*, 162  
*A. macrorrhynchum*, 162  
*A. miniatum*, 162  
*A. ochropus*, 162  
*A. persicum*, 162  
*A. pisi*, 163  
*A. pullum*, 163  
*A. sp. nr. loti*, 163  
*A. tamaricis*, 163  
*A. tenue*, 163  
*A. trifolii*, 163  
*A. viciae*, 163  
*A. viciae* var. *rufinasus*, 163  
*Apis florea*, 29, 263  
*A. mellifera*, 19, 26, 27, 263  
*A. mellifera caucasica*, 263  
*A. mellifera ligustica*, 263  
*A. mellifera meda*, 263  
*A. mellifera romipes*, 263  
*Apleneura lentisci*, 120  
*Aplesilus ruginodis*, 163  
*Apodemus arianus*, 8  
*A. flavicollis*, 8  
*Apodemus silvaticus*, 9, 30, 31,  
32  
*A. silvaticus arianus*, 9  
*A. silvaticus chorassanicus*, 9  
*A. silvaticus erythronotus*, 9  
*A. silvaticus tauricus*, 9  
*A. silvaticus witherbgii*, 9  
*A. tauricus*, 8  
*Apodiphus amygdali*, 77, 279,  
280, 284  
*A. integriceps*, 77  
*A. panderus*, 77  
*Apomecyna lameerei*, 143  
*Apopstes spectrum*, 214  
*Aporia crataegi*, 230, 265  
*A. crataegi pazukii*, 231  
*Aporodes floralis*, 233  
*Apotetranychus longipennis*, 23  
*Appelia tragoponis*, 90  
*Apterecyrtus microphagus*,  
270  
*Apterona crenulella*, 232  
*A. helix*, 232  
*Aptinothrips elegans*, 66  
*A. nitidula*, 66  
*A. rufus*, 66  
*A. stylifer*, 66  
ARACHNIDA, 13  
*Araecerus fasciculatus*, 128  
ARAEOPIDAE, 110  
*Arboridia cantocaeonica*, 103  
*A. kermanshah*, 103  
*Archaeopsylla erinacei*, 258  
ARCHAEOPSYLLIDAE, 259  
*Archamara cannae*, 214  
*Archenomus bicolor*, 261  
*Archips characterana*, 241  
*A. laevigana*, 241  
*A. oporana*, 241  
*A. podanus*, 241  
*A. rosanus*, 241, 275, 284  
*A. variegana*, 241  
*A. westriniana*, 241  
*A. xylosteanus*, 241  
*Arctia caja*, 199  
*A. hebe*, 199

- Arctia hera*, 200  
*A. loewii*, 200  
*A. villica*, 199  
 ARCTIIDAE, 199  
*Arcyophora dentula*, 214  
*Arcyptera microptera*  
     *elbursiana*, 44  
*A. microptera transcaucasica*,  
     45  
*A. turcomana*, 45  
*Ardis bipunctata*, 283  
*A. bruniventris*, 283  
*Arenipses sabella*, 233  
*Arenivaga latifrons*, 60  
*A. livida*, 60  
*A. longipes*, 60  
*A. maris-mortui*, 60  
*A. persica*, 60  
*A. roseni*, 60  
*A. subhyalina*, 60  
*Arenocoris intermedius*, 70  
*Argas hermanni*, 29  
*A. persicus*, 29  
*A. reflexus*, 29  
*A. vesperilionis*, 29  
 ARGASIDAE, 29  
*Arge enodis*, 264  
*A. rosae*, 264  
 ARGIDAE, 264  
*Argina cribraria*, 199  
*Argynnis aglaja*, 225  
*A. alexandra*, 225  
*A. niobe*, 225  
*A. niobe demavendis*, 225  
*A. niobe khusestana*, 225  
*A. niobe taura*, 225  
*A. pandora*, 225  
*A. pandora deserticola*, 225  
*A. paphia*, 225  
*A. paphia masandaranensis*,  
     225  
*Argyroploce cynosbatella*, 227  
*A. herbana*, 227  
*A. pruniana*, 227  
*A. rosana*, 227  
*A. variegana*, 227  
*Arimania komaroffi*, 230, 233  
*Arion ater*, 11  
 ARIONIDAE, 11  
*Arma insperata*, 77  
*Armada drauti*, 214  
*A. hueberi*, 214  
*A. panaceorum*, 214  
*Aromia moschata*, 143  
*A. moschata ambrosiaca*, 143  
*A. moschata moschata*, 143  
 ARRENURIDAE, 32  
*Arrenurus affinis*, 32  
*A. bicuspidator*, 32  
*A. cerenatus*, 32  
*A. compactus*, 32  
*A. octagonus*, 32  
*A. radiatus*, 32  
*Artemisaspis farsetia*, 113  
*Artheneis alutacea*, 72  
 ARTHROPODA, 13  
 ARTIODACTYLA, 2  
*Arvicola amphibius blanfordi*, 3  
*A. amphibius* var. *persicus*, 3  
*A. terrestris*, 3  
*A. terrestris persicus*, 3  
 ASCIDAE, 14  
*Ascirothrips arya*, 66  
*A. taghizadehi*, 66  
*Ascogaster* sp., 265  
*Asida* sp., 196  
*Asiotmethis artemisianus*, 53  
*A. turritus*, 53  
*Asiphonella cynodonti*, 69, 120  
*A. dactylonti*, 120  
*Asiphum populi*, 90  
*Asiraca flavicornis*, 110  
*Asisticta craccae*, 219  
*Asivatthamanus iranicus*, 38  
*Asolcus basalis*, 279  
*A. grandis*, 279  
*A. rufiventris*, 280  
*A. semistriatus*, 280  
*A. simoni*, 280  
*A. tumidus*, 280  
*A. vassilievi*, 280  
*Asopia farinalis*, 233  
*Asphingoderus uvarovites*  
     *similis*, 38  
*Aspidaphis adjuvanus*, 90  
*A. aquatica*, 92  
*Aspidaspis laperrinei*, 111  
*Aspidiotiphagus citrinus*, 271  
*A. citrinus citrinus*, 271  
*A. lounsburyi*, 271  
*Aspidiotus affinis*, 111  
*A. agrumicula*, 112  
*A. aurantii*, 110  
*A. aurantii* var. *citrina*, 110  
*A. camelliae*, 113  
*A. citri*, 110  
*A. citricola*, 112  
*A. citrinus*, 110  
*A. cocotiphagus*, 111  
*A. cocotis*, 111  
*A. conchiformis*, 114  
*A. convexus*, 113  
*A. cydoniae*, 113  
*A. dentilobus*, 111  
*A. destructor*, 111  
*A. dictyospermi*, 112  
*A. ephedrarum*, 110  
*A. genista*, 111  
*A. gennadii*, 110  
*A. hederae*, 111, 261  
*A. herzlianus*, 116  
*A. hippocastani*, 116  
*A. lataniae*, 113  
*A. magniferae*, 112  
*A. nerii*, 111  
*A. orientalis*, 111  
*A. osbeckiae*, 111  
*A. oxyacanthae*, 116  
*A. patavinus*, 117  
*A. perniciosus* var. *albopunc-*  
     *tata*, 117  
*A. pomorum*, 114  
*A. prunorum*, 112  
*A. pyri*, 117  
*A. pyricola*, 113  
*A. quercus*, 117  
*A. rapax*, 113

- Aspidiotus saliceti*,111  
*A. spurcatus*,117  
*A. trabuti*,116  
*A. transcaspensis*,112,117  
*A. transparens*,111  
*A. turanicus*,111  
*Aspilaspis viridis*,75  
*Aspongopus viduatus*,77  
 ASTEROLECANIIDAE,99  
*Asterolecanium bambusae*,99  
*A. minus*,99  
*A. phoenicis*,99  
 ASTIGMATA,24  
*Atanycolus sculpturatus*,265  
*Athalia colibri*,283  
*Atherigona varia*,243  
*Athesapeuta colocynthae*,162  
*Athetis clavipalpis*,214  
*A. cubicularis*,214  
*A. quadripunctata*,214  
*Athetmia pallida*,214  
 ATRACTEIDAE,32  
*Atractides baderi*,32  
*A. nahavandii*,32  
*Atractomorpha externa*,38  
*Atractotomus mali*,74  
*Attagenus gloriosae*,171  
*A. lobatus*,171  
*A. megatoma*,171  
*A. pellio*,171  
*A. piceus*,171  
 ATTELABIDAE,128  
*Attelabus buprestoides*,150  
*A. chalybaeus*,128  
*A. coccineus*,128  
*A. curculionoides*,128  
*A. nitens*,128  
 ATURIDAE,32  
*Aturus* sp.,32  
*Atylotus agrestis*,254  
*Auchenocrepis alboscuteolata*,  
 72  
*Augiades sylvanus*,207  
*Aulacaspis rosae*,111  
*Aulacophora foveicollis*,153  
*Aulacorthum circumflexum*,90  
*Aulacorthum solani*,90  
*A. vincae*,90  
*Aurigena lugubris*,138  
*Austroagallia sinuata*,103  
*Austroasca bodenheimeri*,103  
*A. citrea*,103  
*A. lybica*,103  
*Autographa circumflexa*,214  
*A. gamma*,214,257  
*Autophila asiatica*,215  
*A. subfusca*,215  
*Autoserica esfandiarii*,188  
 AVES,1  
*Axiopoenia maura*,199  
*A. maura maura*,199  
 AXONOPSIDAE,32  
*Axonopsis abnormipes*,33  
*A. inferorum*,33  
*Axyia exoleta*,215  
*Aylais* sp.,34  
*Azotus atomon*,261  
*A. britannicus*,262  
*A. celsus*,262  
*A. chrysomphali*,262  
*A. gadrii*,262  
*A. matritensis*,262  
*Bagnalia aremus*,68  
*Bagrada abeillei*,77  
*B. concinna* var. *biramosa*,77  
*B. hilaris*,77  
*B. picta*,77  
*Baizongia pistaciae*,120  
*Balachowskietella salvado-*  
*rae*,111  
*Balaninus glandium*,163  
*B. nucum*,163  
*B. turbatus*,163  
*Balazonellus lacertida*,277  
*Balclutha angusta*,103  
*B. saltuella*,103  
*Baliotrips graminum*,66  
*Balta ramifera*,59  
*Bangasternus orientalis*,163  
*Barathra brassicae*,219  
*Barbistes foliicauda*,57  
*Baris atramentaria*,163  
*Baris carneri*,163  
*B. chalybaea*,163  
*B. coerulea*,163  
*B. colorata*,163  
*B. granulipennis*,162,163  
*B. nitens*,163  
*B. scolopacea*,163  
*B. timida*,163  
*B. timida* var. *polita*,163  
*Barylypa uniguttatum*,275  
*Bathyplectes anurus*,275  
*B. corvina*,275  
*B. curculionis*,275  
*Batocera rufomaculata*,143  
*Batrachedra amydraula*,201,  
 265,266  
*Batrachomorphus irrorat-*  
*us*,103  
*B. microcephalus*,103  
*B. punctulatus*,103  
*Bawus subsoleiger*,26  
*Bdella lattakia*,15  
*B. sp.*,15  
*B. sp. nr. longicornis*,15  
 BDELLIDAE,15  
*Bdellodes lapidaria*,15  
*B. virgulata*,15  
*Bdelonyssus bacoti*,25  
*Bedelia angustata*,151  
*Belenois mesentina*,231  
 BELOSTOMATIDAE,70  
 BELOSTOMIDAE,70  
*Bembix bicolor*,281  
*B. mediterranea*,281  
*B. oculata*,281  
*Bemisia gossypiperda*,84  
*B. longispina*,85  
*B. tabaci*,69,72,74,75,85,  
 126,156,157,159,160,262  
*Beosus quadripunctatus*,72  
*Bergiola persica*,56  
 BERTHIDAE,125  
*Berutana kotschy*,238  
 BERYTIDAE,70  
 BETHYLIDAE,264  
*Betulaphis quadrituberculatus*,90

- Bharatavolzia cooki*, 34  
*Bibio hortulanus*, 244  
 BIBIONIDAE, 244  
*Billaea biserialis*, 255  
*B. zimini*, 255  
*Biorrhiza pallida*, 268  
 BIPHYLLIDAE, 129  
*Biscirus simplex*, 15  
*Biston betularia*, 204  
*B. hirtarius*, 204  
*B. strataria*, 204  
*Blaesoxipha accuminata*, 252  
*B. filipevi*, 252  
*B. filipevi tertia*, 252  
*B. lineata*, 252  
*B. monticola*, 252  
*Blalia vittata persica*, 201  
*Blanfordimys afghanus*, 5  
*Blaps mortisaga*, 196  
*B. mucronata*, 196  
*B. persica*, 196  
*Blastodacna atra*, 201  
*B. putripennella*, 201  
*Blastophagus psenes*, 260  
*Blastothrix brittanica*, 270  
*B. ilicicola*, 270  
*B. sericea*, 270  
 BLATTELLIDAE, 59  
*Blatta aegyptiaca*, 60  
*B. americana*, 59  
*B. australasiae*, 59  
*B. germanica*, 59  
*B. gussakovskii*, 59  
*B. lateralis*, 59  
*B. orientalis*, 59  
 BLATTARIA, 59  
*Blattella germanica*, 59  
 BLATTIDAE, 59  
*Blattisocius keegani*, 14  
*B. tarsalis*, 14  
*Blennocampa elongatula*, 283  
*Blepharidopterus angulatus*, 74  
*Blepharopsis mendica*, 60  
*Blephasita luciconata*, 215  
*Bleteogonus beckeri*, 72  
*B. circumcinctus*, 72  
*Blitopertha abdula*, 188  
*B. lineata*, 190  
*Blitophaga hirta*, 195  
*B. opaca*, 195  
*B. undata*, 195  
*B. villosa*, 195  
*Boarmia gemmaria*, 204  
*B. rhomboidaria*, 204  
*B. umbraria*, 204  
*Bolivaria brachyptera*, 60  
*Bombus argilaceus*, 263  
*B. humilis insipidus*, 264  
*B. insertus*, 264  
*B. laesces laesces*, 264  
*B. lederi*, 264  
*B. persicus persicus*, 264  
*B. sorocensis radoszkowskii*, 264  
*B. sulfureus*, 264  
*B. terrestris*, 264  
*B. verticosus*, 264  
*B. zonatus steveni*, 263  
 BOMBYCIDAE, 200  
 BOMBYCILLIDAE, 1  
 BOMBYLIIDAE, 244  
*Bombylius* sp., 244  
*Bombyx mori*, 200  
*Boophilus annulatus*, 29  
*B. intraoculatus*, 29  
*B. microplus*, 29  
 BOSTRICHIDAE, 129  
*Bostrichus abietis*, 192  
*B. bicolor*, 194  
*B. cylindrus*, 185  
*B. dryographus*, 194  
*B. saxeseni*, 194  
*B. scarabaeoides*, 193  
*B. scolytus*, 194  
*B. villifrons*, 194  
 BOSTRYCHIDAE, 129  
*Bothynoderes carinatus*, 163  
*B. fasciatus*, 163  
*B. foveicollis*, 163  
*B. obliquefasciatus*, 163  
*B. punctiventris*, 163  
*B. steveni*, 163  
*Bothynoderes uniformis*, 163  
*Bovicola bovis*, 64  
*B. caprae*, 64  
*B. limbata*, 64  
*B. ovis*, 64  
 BRACHINIDAE, 130  
*Brachinus crepitans*, 130  
*B. longipalpis kharazii*, 130  
*Brachycarenum tigrinus*, 81  
*Brachycaudus amygdalinus*, 90, 157  
*B. bicolor*, 90  
*B. cardui*, 90  
*B. divaricata*, 90  
*B. helichrysi*, 90  
*B. iranicus*, 91  
*B. lateralis*, 91  
*B. lychnidis*, 91  
*B. persicae*, 90, 91  
*B. persicaecola*, 91  
*B. prunicola*, 87, 91  
*B. rumexicolens*, 91  
*B. salicinae*, 91  
*B. schwartzi*, 91  
*B. semisubterraneus*, 91  
*B. tragopogoni*, 91  
*Brachycolus brassicae*, 91  
*B. noxia*, 120  
*Brachymeria femorata*, 267  
*B. intermedia*, 267  
*Brachynema cinctum*, 77  
*B. cinctum* var. *fevatum*, 77  
*B. germari*, 77, 255  
*B. segetum*, 77  
*B. signatum*, 77  
*B. virens* var. *alternatum*, 77  
*Brachypoda* sp., 33  
*Brachyunguis cuscatae*, 91  
*B. harmalae*, 91  
*B. kaussarii*, 91  
*B. lycii*, 91  
*B. nevskii*, 91  
*B. plotnikovi*, 91  
*B. tamaricophila*, 91  
*B. tamaricis*, 91

- Brachyunguis zygophylli*, 91  
*Bracon brevicornis*, 265  
*B. hebetor*, 266  
*B. lefroyi*, 265  
 BRACONIDAE, 265  
 BRADYPORIDAE, 49  
*Bradyporus latipes*, 49  
*Bradysia* sp., 249  
*Brahmaea christophi*, 200  
 BRAHMAEIDAE, 200  
*Braunsia rufipes*, 265  
*Brevennia rehi*, 122  
*Brevicoryne anthrisci*, 98  
*B. brassicae*, 91, 263, 279  
*B. coriandri*, 93  
*B. nigrisi phunculata*, 91  
*Brevicorynella quadrimaculata*, 91  
*Brevipalpus inornatus*, 17  
*B. irani*, 19  
*B. lanceolatisetae*, 19  
*B. lewisi*, 19  
*B. mcgregori*, 19  
*B. obovatus*, 19  
*B. olearius*, 20  
*B. orchidarum*, 20  
*B. oudemansi*, 20  
*B. phoenicis*, 20  
*Brotolomia meticulosa*, 221  
*Bruchebius laticeps*, 278  
 BRUCHIDAE, 130  
*Bruchidium cisti*, 130  
*B. olivaceus*, 130  
*B. poupillieri*, 130  
*B. unicolor*, 130  
*B. virescens*, 130  
*Bruchophagus roddi*, 273  
*Bruchus acaciae*, 131  
*B. atomarius*, 130  
*B. bipunctatus*, 130  
*B. dentipes*, 130  
*B. dentipes ochraceosignatus*, 130  
*B. emarginatus*, 130  
*B. ervi*, 130  
*B. fabae*, 130, 131  
*Bruchus hamatus*, 131  
*B. lentis*, 131  
*B. obtectus*, 130  
*B. pisi*, 131  
*B. pisorum*, 131  
*B. rufimanus*, 131, 267  
*B. salicis*, 131  
*B. sertatus*, 130  
*B. tristis*, 131  
*B. velutinus*, 131  
*Brumus octosignatus*, 156  
*B. quadripustulatus*, 156  
*Brunnerella mirabilis*, 39  
*B. mirabilis mirabilis*, 39  
*B. mirabilis siazovi*, 39  
*Bryobia karoensis*, 20  
*B. praetiosa*, 21, 161  
*B. rubrioculus*, 21, 161  
*B. rubrioculus* form *prunicola*, 21  
*B. rubrioculus* form *typica*, 21  
*Bryophila maeonis*, 215  
*B. muralis*, 216  
*Bryocrypta spirothecae*, 121  
*B. ulmi*, 122  
*Bubas bubalus*, 188  
*Bucculatrix pomifoliella*, 213  
*Bufonocarodes intricatus*, 39  
*B. robustus*, 39  
*Bulaea lichatschovi*, 156  
*Bulgarialeurodes cotesii*, 85  
 BUPRESTIDAE, 131  
*Buprestis decastigma*, 137  
*B. passerini*, 133  
*B. picta*, 137  
*B. salomonis*, 133  
*B. salomonis* var. *jakobsoni*, 133  
*B. salomonis khosrovensis*, 133  
*B. salomonis monfriedi*, 133  
*B. salomonis teheranensis*, 133  
*B. tataricum*, 135  
*Byctiscus alni*, 128  
*B. betulae*, 128  
*B. betuleti*, 128  
 BYTHOSCOPIDAE, 100  
*Bythoscopus populi*, 100  
*Caccobius histerooides*, 188  
*Cacoecia rosanus*, 241  
*C. schreberi*, 188  
*C. strigana*, 242  
*Cadra calidella*, 234  
*C. figulilella*, 234  
*Caenocoris nerii*, 72  
*Caenoptera minor*, 146  
*Calacarus adornatus*, 16  
*C. carinatus*, 16  
*Calandra granarius*, 169  
*C. opaca*, 163  
*C. oryzae*, 169  
*C. picea*, 163  
*Calathus ambyguus*, 140  
*C. fuscus*, 140  
*C. rufipes*, 140  
*Calchaenesthes oblongomaculata*, 149  
 CALGONELLIDAE, 33  
*Caliothrips impurus*, 65  
*Caliroa cerasi*, 283  
*C. aethiops*, 283  
*C. limacina*, 283  
 CALLAPHIDIDAE, 100  
*Callaphis juglandis*, 100  
*Callidium aeneum*, 143  
*C. antilope*, 151  
*C. arvicola*, 151  
*C. dilatatum*, 143  
*C. griseus*, 151  
*C. pulcher*, 148  
*Calligypona propinqua*, 110  
*Callimellum angulatum*, 143  
*C. femoratum*, 143  
*Callimenus latipes*, 49  
 CALLIMOMIDAE, 283  
*Callimorpha dominula*, 200  
*C. hera*, 200  
*C. quadripunctaria*, 200  
*C. quadripunctaria splendiddion*, 200  
 CALLIMORPHIDAE, 200  
*Callimoxys gracilis*, 143  
*Calliphora erythrocephala*, 244

- Calliphora vicina*, 244  
*C. vomitoria*, 244  
 CALLIPHORIDAE, 244  
*Calliptamus balucha*, 49  
*C. barbarus*, 49  
*C. barbarus cephalotes*, 49  
*C. coelesyriensis*, 49  
*C. coelesyriensis angustae*, 49  
*C. coelesyriensis carbonaria*, 49  
*C. coelesyriensis coelesyriensis*, 50  
*C. coelesyriensis intricatus*, 50  
*C. ictericus*, 49  
*C. iranicus*, 50  
*C. italicus*, 2, 50, 154, 252  
*C. persa*, 50  
*C. reticulata*, 51  
*C. siculus*, 50  
*C. siculus deserticola*, 49, 50  
*C. spp.*, 179, 180, 181, 182  
*C. tarsius*, 51  
*C. tenuicercis*, 50  
*C. turanicus*, 50  
*Callipterus juglandis*, 263  
 CALLISTIDAE, 140  
*Callistoma persica*, 244  
*C. soror*, 244  
*Callitropa persianum*, 141  
*Callophasia lunula*, 215  
*Callophrys rubi*, 210  
*C. rubi immaculata*, 210  
*Callosobruchus analis*, 131  
*C. barbicornis*, 131  
*C. chinensis*, 131  
*C. maculatus*, 131  
*C. pecticornis*, 131  
*C. quadrimaculatus*, 131, 278  
*C. rufus*, 131  
*C. spp.*, 278  
*Calocampa exoleta*, 215  
*Calocoris angularis*, 74  
*C. norvegicus*, 74  
*Caloglyphus berlesesi*, 13  
*C. mycophagus*, 13  
*Calomia virens* form  
     *immaculata*, 215  
*Calomyscus bailwardi*, 3, 30  
*C. bailwardi bailwardi*, 3  
*C. bailwardi baluchi*, 3  
*C. bailwardi elburzensis*, 3  
*C. bailwardi grandis*, 3  
*C. bailwardi hutsoni*, 3  
*C. elburzensis*, 3  
*C. sp.*, 257, 259  
*Calonyx* sp., 35  
*Caloptenopsis insignis*, 38  
*Caloptenus ictericus*, 49  
*C. italicus*, 50  
*C. siculus*, 49  
*Calosoma antiquum*, 141  
*C. inquisitor*, 141  
*C. laeviusculum*, 141  
*C. sycophanta*, 141  
*Calothysanis amataria*, 204  
*Calposcena aliema*, 85  
*Calydus alloushei*, 176  
*C. alloushei* form *bimaculipennis*, 176  
*C. alloushei* form *cinctus*, 176  
*C. alloushei* form *conjunctus*, 176  
*C. alloushei* form *cordiformis*, 176  
*C. alloushei* form *esfandiarii*, 176  
*C. alloushei* form *famourei*, 176  
*C. alloushei* form *farahbakhchi*, 176  
*C. alloushei* form *gharibi*, 176  
*C. alloushei* form *trifascis*, 176  
*C. mirzayani*, 176  
*C. mirzayani* form *eghlidi*, 176  
*C. mirzayani* form *medialis*, 176  
*C. mirzayani* form *mehrana*, 176  
*C. mirzayani* form *posticalis*, 176  
*Calymnia communimacula*, 215  
*C. pyralina*, 216  
*Calypiticus spumousus*, 109  
*Camarotoscena fulgidipennis*, 85  
*C. speciosa*, 86  
*Camponotus ligniperda*, 274  
*Campoplex ensator*, 275  
*C. multicoloratus*, 275  
*Campsocleis shelkownikovae*, 56  
*Campsomeris* sp., 280  
*Camptogramma bilineata*, 204  
*Camptopus lateralis*, 69  
*C. tragacantha*, 69  
*Campylomyza ormerodi*, 245  
*C. praecox*, 245  
*Camtorrhinus* sp., 163  
 CANTHARIDAE, 140  
 CANTHARIDIDAE, 140  
*Cantharis lividae*, 140  
*C. melaspis*, 140  
*C. sp.*, 140  
*Capitophorus elaeagni*, 91  
*C. hippophaes*, 91  
*C. inulae*, 91  
*C. similis*, 91  
*Capnodis aequicollis*, 133  
*C. anthracina*, 133  
*C. bactriana*, 133  
*C. brutia*, 133, 134  
*C. carbonaria*, 133  
*C. carbonaria henningi*, 133  
*C. cariosa*, 133, 134  
*C. cariosa* var. *hauseri*, 134  
*C. cariosa iranica*, 134  
*C. costulata*, 134  
*C. cribricollis*, 133  
*C. dorsata*, 134  
*C. excisa*, 134  
*C. henningi*, 134  
*C. hypocrita*, 134  
*C. kashmirensis*, 134  
*C. lugens*, 134  
*C. mannerheimi*, 134  
*C. miliaris*, 134  
*C. miliaris metallica*, 134  
*C. miliaris miliaris*, 134



- Capnodis moluccensis*,134  
*C. parumstriata*,134  
*C. porosa*,134  
*C. sexmaculata*,134  
*C. tenebricosa*,134  
*C. tenebricosa aurosparsa*,134  
*C. tenebricosa persica*,134  
*C. tenebrionides*,134  
*C. tenebrionis*,134  
*Capreolus capreolus*,2  
 CAPSIDAE,73  
 CARABIDAE,140  
*Carabus atroganowi*,141  
*C. stroganowi*,141  
*Caradrina albina*,215  
*C. exigua*,223  
*Carcelia separata*,255  
*Carcharodus alceae*,207  
*C. althaeae boetica*,207  
*C. malvarum*,207  
*Carduelis carduelis subcaneiceps*,1  
*C. spinus*,1  
*Carenoplistus acutus*,77  
 CARNIVORA,3  
*Carpelimus corticinus*,195  
*Carphoborus perrise*,192  
*Carpocapsa pomonella*,266  
*Carpocoris coreanus*,77  
*C. fuscispinus*,78,255,271,279,280  
*C. iranus*,77  
*C. lunula*,78  
*C. lunulatus*,78  
*C. mediterraneus*,78  
*C. pudicus*,78  
*C. purpureipennis*,78  
*C. pusio*,78  
*C. varia*,78  
 CARPOGLYPHIDAE,15  
*Carpoglyphus lactus*,15  
*Carpolonchaea aristella*,249  
*Carpomyia caucasica*,257  
*C. vesuviana*,257  
*Carpophilus dimidiatus*,183  
*C. froemani*,183  
*Carpophilus hemipterus*,184  
*C. humeralis*,184  
*C. obsoletus*,184  
*Carposina niponensi*,200  
*C. sasakii*,200  
 CARPOSINIDAE,200  
 CARSIDARIDAE,101  
*Cartallum ebulinum*,143  
*C. ruficolle*,143  
*C. thoracicum*,143  
*C. thoracicum* form *nigripes*,143  
*Carterus ocygonus radjabi*,174  
*Carulaspis carueli*,111  
*C. minima*,111  
*Caryohorus pallidus*,131  
*Casinarina tenuiventris*,275  
*Caspicyclotus silversi*,11  
*Cassida affinis*,151  
*C. maculata*,151  
*C. nebulosa*,151  
*C. nobilis*,151  
*C. viridis*,151  
*Cataglyphis vesticus*,274  
 CATANTOPIDAE,49  
*Catantops axillaris*,50  
*C. saucius*,50  
*Catephia alchymista*,215  
*Catocala abacta iranica*,217  
*C. electa*,215  
*C. elocata*,215  
*C. fraxini*,215  
*C. lesbia*,215  
*C. lupina*,215  
*C. nymphagoga*,215  
*C. optata*,215  
*C. optima*,215  
*C. promissa*,215  
*C. puerpera*,215  
*Catoclysta lemmata*,233  
*Catopsilia florella*,231  
*Catopta cossoides*,201  
*Caucasotachea atrolabiata*,12  
*C. lencoranea*,12  
*Cavahyalopterus graminearum*,120  
*Cavariella aegopodii*,92  
*C. aquatica*,92  
*C. archangelicae*,92  
*C. cicutae*,92  
*C. hillerislammersi*,92  
*C. pastinacae*,92  
*C. theobaldi*,92  
*Cecidomyia testacea*,245  
 CECIDOMYIDAE,245  
 CECIDOMYIIDAE,245  
*Cecidophaga sinaica*,203  
*Celama haronni*,199  
*C. turanica*,199  
*Celerio bienerti*,238  
*C. euphorbiae*,238  
*C. galii*,238  
*C. hippophaes*,238  
*C. lineata*,238  
*C. lineata livornica*,239  
*C. niceae*,239  
*C. robertsi*,239  
*Celes variabilis*,39  
*C. variabilis carbonaria*,39  
*Celidotella matthiesseni*,188  
*Cemiosstoma aceris*,213  
*C. scitella*,213  
*Cenopalpus bakeri*,20  
*C. crataegi*,20  
*C. evini*,20  
*C. irani*,20  
*C. lanceolatisetae*,20  
*C. mayerae*,20  
*C. pennatiae*,20  
*C. prichardi*,20  
*C. pulcheri*,20  
*C. spinosa*,20  
*Centrocoris spiniger*,70  
*C. variegatus*,70  
*C. volxemi*,70  
*Centrodora* sp.,262  
*Cephalomyia hypobori*,264  
*C. tarsalis*,264  
*Cephalopina titilator*,250  
*Cephalothrips monilicornis*,65  
 CEPHIDAE,267  
*Cephus orientalis*,267

- Cephus pygmaeus*, 140, 267  
*C. tabidus*, 267  
*Ceraleptus obtusus*, 70  
 CERAMBYCIDAE, 142  
*Cerambycolus* sp. prob. *cica-*  
*dae*, 273  
*Cerambyx acuminatus*, 143  
*C. budensis*, 148  
*C. carinatus*, 143  
*C. cerdo*, 143, 144  
*C. cinereus*, 150  
*C. dux*, 143  
*C. elbursi*, 143  
*C. floralis*, 148  
*C. heros*, 143  
*C. intricatus*, 143  
*C. multiplicatus*, 144  
*C. rusticus*, 151  
*C. scopoli*, 144  
*Cerapterocerus mirabilis*, 270  
*Cerasa bubalus*, 120  
*Ceratina callosa*, 267  
 CERATINIDAE, 267  
*Ceratitis capitata*, 257  
*C. citriperda*, 257  
*C. hispanica*, 257  
 CERATOPHYLLIDAE, 258  
*Ceratophyllus fringillae*, 258  
*C. gallinae*, 258  
*C. gallinae gallinae*, 258  
*C. spinosus*, 258  
 CERATOPOGONIDAE, 245  
*Ceratotherips britteni*, 68  
*C. discolor*, 66  
*C. frici*, 66  
 CERCOPIIDAE, 101  
*Cermastogaster inermis*, 274  
*C. scutellaris*, 274  
*Cerococcus longipilosus*, 99  
*Cerocoma dahli*, 176  
*C. festiva*, 176  
*C. kuntzei* var. *bodemayeri*,  
 176  
*C. latreilleri* form *schach*, 176  
*C. prochaskana*, 177  
*C. schaefferi*, 177  
*Cerocoma schreberi*, 177  
*C. scovitzii*, 177  
*C. scovitzii* form *abscuriven-*  
*tris*, 177  
*C. scovitzii* form *maculicollis*,  
 177  
*C. scovitzii* form *mirabilis*, 177  
*C. syriaca*, 177  
*Cerodontha* (s. str.) *denticor-*  
*nis*, 243  
*Ceropalus* sp., 277  
*Ceroplastes floridensis*, 108  
*C. neri*, 108  
*C. rusci*, 108  
*C. sinensis*, 108  
*Cerosipha gossypii*, 88  
*Cerostoma persicella*, 232  
*C. persicellus*, 232  
*C. persicelum*, 232  
*Cerura bifida*, 201  
*C. interrupta*, 201  
*C. vinula*, 201  
*C. vinula intermedia*, 201  
 CERURIDAE, 201, 224  
 CERVIDAE, 2  
*Cervus elaphus*, 2  
*Cetonia aurata*, 188  
*C. aurata praeclara*, 188  
*C. nobilis*, 188  
*Ceuthorrhynchus assimilis*, 164  
*C. brassicae*, 164  
*C. cardui*, 164  
*C. chloropterus*, 164  
*C. cyaneus*, 164  
*C. duvali*, 164  
*C. erysimi*, 164  
*C. fallax*, 164  
*C. gottwaldi*, 164  
*C. herbsti*, 164  
*C. macula-alba*, 164  
*C. nanus angustulus*, 164  
*C. obstructus*, 164  
*C. picitarsis*, 164  
*C. pleurostigma*, 164  
*C. seriatus*, 164  
*C. sp. nr. chalybaeus*, 164  
*Ceuthorrhynchus* sp. nr.  
*pulvinatus*, 164  
*C. sulcicollis*, 164  
*C. syrtes*, 164  
*C. tarsalis*, 164  
*Chaerocampa alecto*, 240  
*C. elpenor*, 239  
*Chaetanaphothrips* sp., 66  
*Chaetocnema breviscula*, 173  
*C. concinna*, 174  
*C. dentipes*, 174  
*C. tibialis*, 174  
*Chaetodacus zonatus*, 257  
*Chaetogena repanda*, 255  
*Chaetopsylla globiceps*, 260  
*C. korobkovi*, 260  
*C. trichosa avicenni*, 260  
*Chaetoptelius vestitus*, 192  
*Chaetosiphella stipae*, 101  
 CHAITOPHORIDAE, 101  
*Chaitophorus albus*, 101, 102  
*C. betulinus*, 102  
*C. capreae*, 102  
*C. euphraticus*, 101  
*C. israelicus*, 101  
*C. leucomelis*, 101  
*C. niger*, 102  
*C. populeti*, 102  
*C. populi*, 102  
*C. populi-alba*, 102  
*C. saliceti*, 102  
*C. trifolii* form *maculata*, 101  
*C. truncatus*, 102  
*C. versicolor*, 101  
*C. vitellinae*, 102  
*Chaitosiphon chaitosiphon*, 102  
 CHALCEDECTIDAE, 267  
*Chalcedectus balachowskyi*,  
 267  
*Chalchosmia* sp., 276  
 CHALCIDAE, 267  
 CHALCIDIDAE, 267  
*Chalciope hyppasia*, 215  
*Chalcoides aurea*, 102  
*Chalcophorella bagdanensis*  
*freyi*, 134

- Chalcophorella escalerae*, 134  
*C. gerlingi*, 134  
*C. stigmatica*, 134  
*C. stigmatica marseuli*, 134  
*Chalicodoma rubripes*, 276  
*Chalybion femoratum*, 281  
 CHAMAEMYIIDAE, 246  
*Chamaesphexia dorycerae-formis*, 198  
*C. schmidtiformis*, 198  
*Chariclea delphinii*, 215  
*Charora crassivenosa*, 39  
*C. persa*, 39  
*C. persa persa*, 39  
*C. persa rugosa*, 39  
*C. persa similis*, 39  
*C. zarudnyii*, 39  
*Chartocerus* sp. nr. *kurdjmovi*, 280  
*C. subaeneus*, 280  
*Chazara anthe*, 235  
*C. anthe* form *hanifa*, 235  
*C. persephone*, 235  
*C. persephone persephone*, 236  
*Cheilomenes sexmaculata*, 156  
*Cheirpachus colon*, 278  
*Cheletogenes ornatus*, 33  
*Cheletomimus binus*, 33  
*Chelonella* sp., 265  
*Chelonus contractor*, 265  
*C. inanitus*, 265  
*Chelopistes meleagridis*, 63  
*Chelotomorpha lepidoptorum*, 33  
*Chermes hederae*, 111  
*Cherostis alpestris ponticola*, 215  
*C. halmi*, 215  
 CHEYLETIDAE, 33  
*Cheyletiella parasitovorax*, 33  
*C. yaguri*, 33  
*Cheyletogenes ornatus*, 33  
*Cheyletus eruditus*, 33  
*C. malaccensis*, 33  
*C. munroi*, 33  
*C. trouessarti*, 33  
*Chiasma clathrata*, 204  
*Chilena proxima*, 208  
*C. sordida*, 208  
*C. sordida sordida*, 208  
*Chilo christophi*, 233  
*C. lutellus*, 233  
*C. partellus*, 233  
*C. phragmitellus*, 233  
*C. simplex*, 233  
*C. suppressalis*, 233, 265, 284  
*Chilocorus bipustulatus*, 156  
*C. bipustulatus* var. *iranensis*, 156  
*C. spp.*, 272  
*C. stigma*, 156  
 CHILOGNATHA, 37  
*Chiloneurinus microphagus*, 270  
*Chiloneurus microphagus*, 270  
*Chilosphex argyrius*, 282  
*Chilotus irani*, 5  
*Chionaspis alni*, 111  
*C. asiatica*, 111  
*C. etrusca*, 111  
*C. latus*, 116  
*C. lepinyei*, 111  
*C. longispinus*, 115  
*C. parastigma*, 111  
*C. polypora*, 111  
*C. prunorum*, 111, 117  
*C. salicis*, 111, 157  
*Chioneosoma porosa*, 188  
*C. porosum*, 188  
*Chironitis haroldi*, 188  
*C. pamphylius*, 188  
*Chirothrips manicatus*, 66  
*Ch. meridionalis*, 66  
*Ch. molestus*, 66  
*Chlaeniellus rapyllii*, 140  
*Chlaenius canariensis persicus*, 140  
*C. descarpentriesi*, 140  
*C. spoliatus*, 140  
*Chloridea dipsacea*, 216  
*C. nubigera*, 216  
*C. obsoleta*, 219  
*Chloridea peltigera*, 216  
*C. spp.*, 266  
*C. variplaca*, 216  
*Chlorissa pulmentaria*, 204  
*Chlorophorus adellii*, 144  
*C. faldermanni*, 144  
*C. figuratus*, 144  
*C. sartor*, 144  
*C. varius*, 144  
 CHLOROPIDAE, 246  
*Chlorops lineola*, 246  
*C. pumilionis*, 246  
*C. taeniopus*, 246  
*Chloropsalta smargdula*, 106  
*C. viridiflava*, 106  
*Chloropubvinaria aurantii*, 108  
*C. floccifera*, 108  
 CHORDATA, 1  
 CHOREUTIDAE, 207  
*Choristoneura hebenstreitella*, 242  
*C. pyrana*, 242  
*C. sorbiana*, 242  
*Chorosoma schillingi*, 81  
*Chorthippus albomarginatus*, 39  
*C. albomarginatus karelini*, 39  
*C. apricarius asiaticus*, 39  
*C. bicolor*, 39  
*C. brunneus*, 39  
*C. brunneus brunneus*, 39  
*C. dorsatus dichrous*, 39  
*C. jucundus elbursianus*, 39  
*C. longicornis*, 39  
*C. loratus*, 39  
*C. macrocerus*, 39  
*C. macrocerus macrocerus*, 39  
*C. mollis elbursianus*, 40  
*C. mollis mollis*, 40  
*C. savalanicus*, 40  
*Chortinaspis salavatiani*, 111  
 CHORTOGLYPHIDAE, 15  
*Chortoglyphus arcuatus*, 15  
*Chortophila antiqua*, 244  
*C. cilicrura*, 244  
*C. florilega*, 244

- Chroantha ornatula*, 78  
*Chromaphis juglandicola*, 100  
*Chromonotus vittatus*, 164  
*Chromosomus confluens*, 164  
*C. fischeri*, 164  
*C. schach*, 164  
*Chrotogonus robertsi*, 40  
*C. trachypterus*, 40  
*C. turanicus*, 40  
*Chryseria helluo*, 255  
 CHRYSIDIDAE, 268  
*Chrysoblemma beckeri*, 134  
*C. reitteri*, 140  
*Chrysobothrys affinis*, 135, 265, 267  
*C. affinis* var. *heterochroa*, 135  
*C. affinis nevskii*, 135  
*C. affinis tetragramma*, 135  
*C. deserticola*, 135  
*C. jakovlevi*, 135  
*Chrysochares asiatica*, 151  
*Chrysoclista atra*, 201  
*Chrysocrambus lineatellus*, 233  
*C. syriellus*, 233  
*Chrysodeixis chalcites*, 216  
*Chrysolina hyperici*, 151  
*C. menthastri*, 151  
*Chrysomela coeruleans*, 151  
*C. populi*, 153  
*C. sahlbergi*, 151  
*C. saliceti*, 153  
 CHRYSOMELIDAE, 151  
*Chrysomphalus aonidium*, 112  
*C. dictyospermi*, 28, 112, 156, 261, 262, 271  
*C. ficus*, 112  
*C. pinnulifera*, 112  
*Chrysomya albiceps*, 244  
*C. bezziana*, 244  
*C. megacephala*, 244  
*C. regalis*, 245  
*Chrysopa carnea*, 126  
*C. caruca*, 125  
*C. dubitans*, 125  
*C. flava*, 125  
*Chrysopa flavifrons*, 125  
*C. formo*, 125  
*C. formosa*, 125  
*C. iranica*, 126  
*C. nigricostata*, 126  
*C. perla*, 126  
*C. septempunctata*, 126  
*C. sogdianica*, 126  
*C. ventralis*, 126  
*C. viridana*, 126  
*C. vulgaris*, 126  
*C. walkeri*, 126  
*Chrysoperla carnea*, 126  
*C. iranica*, 126  
*C. mutata*, 126  
*Chrysophanus alciphron*, 210  
*C. doritis*, 210  
*C. phlaeas*, 210  
*C. thersamon*, 210  
 CHRYSOPIDAE, 125  
*Chrysops simillimus*, 254  
*Chrysotropia ciliata*, 126  
*Cicadatra atra*, 106  
*C. atra* var. *alhageos*, 107  
*C. atra* var. *glycyrrhizae*, 107  
*C. concinna*, 106  
*C. hyalina*, 106  
*C. kermanica*, 106  
*C. lineola*, 106  
*C. ochreata*, 106, 262, 273  
*C. querula*, 106  
*C. transversa*, 106  
*C. vulcania*, 107  
*C. zahedanica*, 107  
*Cicadella arundinis*, 103  
*C. caspica*, 107  
*C. flavicatella*, 103  
*C. musiva*, 107  
*C. viridis*, 103  
 CICAPELLIDAE, 102  
 CICADIDAE, 106  
*Cicadula sexnotata*, 103  
*Cicindela campestris*, 154  
*C. campestris pseudomaroc-*  
*cana*, 154  
*C. euphratica*, 154  
*Cicindela germanica*, 154  
*C. lunulata semoralis*, 154  
*C. silvicola*, 154  
 CICAPELLIDAE, 154  
*Cidaria fulvata*, 204  
*C. pistascieti*, 205  
*Cigaritis acmas*, 210  
*Cilix asiatica*, 202  
*C. depalpata*, 202  
*C. glaucata*, 202  
 CIMBICIDAE, 268  
*Cimex albinus*, 73  
*C. albolineatus*, 82  
*C. appendiceus*, 84  
*C. auriculatus*, 70  
*C. bipunctatus*, 74  
*C. civilis*, 73  
*C. festivum*, 78  
*C. gothicus*, 80  
*C. incarnatus*, 80  
*C. italicum*, 82  
*C. lectularius*, 70  
*C. umbellatarum*, 74  
*C. virens*, 77  
 CIMICIDAE, 70  
*Cinara bagdanovi*, 119  
*C. cedri*, 119  
*C. cistata*, 119  
*C. cupressi*, 119  
*C. juniperi*, 119  
*C. palaestinensis*, 119  
*C. piceicola*, 119  
*C. pilinornis*, 119  
*C. saligna*, 119  
*C. tujaefilina*, 119  
*Cionus piger* var. *scutellatus*, 164  
*C. similis*, 164  
*C. thapsi*, 164  
*Circulifer opacipennis*, 105  
*Circulites* sp., 103  
*Cirphis l-album*, 220  
*C. extranea*, 220  
*Cirrhia gilvago*, 216  
*Cirrhoedius pallida*, 214  
*Cirrospilus vittatus*, 271

- CISTELIDAE,127  
*Citellus fulvus*,10,11,259  
*C. fulvus concolor*,11  
*C. fulvus fulvus*,11  
*C. fulvus hypoleuca*,11  
*C. fulvus parthianus*,11  
 CIXIIDAE,107  
*Clanoneurum menozii*,248  
*Clavia decemguttata*,156  
*C. quatuordecimguttata*,156  
*Cleonus piger*,164  
*C. piger iranensis*,164  
*C. sulcirostris*,164  
*Clepsis gnomona*,242  
*C. obliterana*,242  
*C. productana*,242  
*C. rhombana*,242  
*C. strigana*,242  
*C. unifasciana*,242  
 CLERIDAE,154  
*Cleroides formicarius*,154  
*Clitostethus arcuatus*,156  
*Clypeaphis suaedae*,92  
*Clytie delunaris*,216  
*C. syriaca*,216  
*C. terrenta*,216  
*Clytiomyia helluo*,255  
*Clytra atraphaxidis*,151  
*C. laeviuscula*,151  
*C. macropus*,151  
*C. valerianae*,151  
*Clytus arietis*,144  
*C. arietis morphleleri*,144  
*C. bartholomaei*,148  
*C. detritus*,148  
*C. gazella*,144  
*C. hafniensis*,151  
*C. liciatus*,151  
*Cnemidocoptes mutans*,25  
*C. pilae*,25  
*Cnephasia assectana*,242  
*C. interjectana*,242  
*C. virgaureana*,242  
*Cnephia persica*,253  
*C. zonoikoi*,253  
 COCCIDAE,108  
*Coccinella bimaculata*,156  
*C. conglobata*,158  
*C. iranica*,156  
*C. quadrimaculata*,156  
*C. quatuordecimpunctata*,156  
*C. redemita*,156  
*C. septempunctata*,146  
*C. undecimpunctata*,157  
 COCCINELLIDAE,155  
*Coccinula elegantula*,157  
*Coccobius reticulatus*,262  
*Coccomytilus halli*,115  
*C. zlocistii*,115  
*Coccophagus lecani*,271  
*C. lucimniae*,271  
*C. silvesterii*,272  
*C. scutellaris*,272  
*Coccus aegaeus*,108  
*C. amaryllidis*,123  
*C. carpini*,109  
*C. citricola*,108  
*C. coryli*,109  
*C. gramuntii*,118  
*C. hesperidum*,108,271,272  
*C. laniger*,118  
*C. laurinus*,108  
*C. palmae*,109  
*C. pseudomagnoliarum*,108  
*C. pyri*,109  
*C. testudo*,109  
*C. vitis*,123  
*Coccygomimus instigator*,275  
*C. turionellae*,275  
*Cochliotheca crenulella*,232  
*C. crenulella* var. *helix*,232  
*Coclotogaster heterographus*,  
 63  
*Codophila lunulata*,78  
*C. maculicollis*,78  
*C. varia*,78  
*Coeliodes fuliginosus*,170  
*Coelioxys* sp.,275  
*Coenonympha leander trans-*  
*caspica*,236  
*C. leander wagneri*,236  
*C. pamphilus*,236  
*Coenonympha saadi*,236  
*Coenotephria pistascietii*,205  
*Colaphellus haefsti*,151  
*Coleophora coracipennella*,201  
*C. serratella*,201  
 COLEOPHORIDAE,201,203  
 COLEOPTERA,127  
*Colias aurorina*,231  
*C. aurorina rosei*,231  
*C. chrysotheme*,231  
*C. croceus*,231  
*C. croceus* form *helice*,231  
*C. edusa*,231  
*C. erate*,231  
*C. eurythem*,231  
*C. hyale*,231  
*C. thisoa*,231  
 COLLEMBOLA,37  
*Colletes* sp.,268  
 COLLETIDAE,268  
*Colobotis fulvus hypoleuca*,11  
*Colomerus vitis*,17  
*Colopalpus eriophyoides*,20  
*Coloradoa absinthii*,91  
*C. achilleae*,91  
*Colotis etrida*,231  
*C. eucharis*,231  
*C. fausta*,231  
*C. phisadia*,231  
*C. phisadia palaestinensis*,231  
*C. vestalis nadir*,231  
*Colpocephalum longicaudum*,  
 63  
*C. turbinatum*,63  
*Columba livia*,1  
*Columbicola columbae*,63  
 COLUMBIDAE,1  
 COLUMBIFORMES,1  
*Comperiella bifasciata*,270  
*C. lemniscata*,262  
*Comphylomma acacciae*,74  
*C. diversicornis*,74  
*C. verbasci*,74  
*Compsilura concinnata*,255  
*Coniatus schrencki*,164  
*C. suavis*,164

- Coniatus tamarisci*, 165  
*C. tamarisci* var. *deyrollei*, 165  
*C. triangulifer*, 164  
*Conioleonus albirostris*, 165  
*C. excoriarius*, 165  
*C. mesopotamicus*, 165  
*C. nigrosuturatus*, 165  
*C. obliquus*, 165  
 CONIOPTERYGIDAE, 126  
*Coniopteryx deserta*, 126  
*Conistra vaccinii*, 216  
 CONOCEPHALIDAE, 51  
*Conocephalus buxtoni*, 51  
*C. fuscus*, 51  
*Conophyma pazukii*, 50  
*C. turcomanum*, 50  
*Conorrhynchus aegyptius*, 165  
*C. brevirostris*, 165  
*C. elongatus*, 165  
*C. lacerta*, 165  
*C. nigrivittis*, 165  
*C. pauxillus*, 129  
*C. pistor*, 165  
*C. saucerotti*, 165  
*Constantia argentalis*, 233  
*C. brandti*, 233  
*Contarinia tritici*, 245  
*Contigaspis davatchii*, 112  
*C. zillae*, 112  
*Copidosoma* sp., 270  
*Copris hispanus*, 188  
*C. lunaris*, 188  
*Coptosia compacta*, 144  
 CORACIIFORMES, 1  
*Coranus aegyptius*, 81  
*C. griseus*, 81  
*Corcyra cephalonica*, 203  
 COREIDAE, 70  
*Coreus marginatus*, 70  
*Corimalia minutissimus*, 167  
*Coriomeris scabricornis*, 70  
*C. vitticollis*, 70  
 CORIZIDAE, 81  
*Corizus errans*, 81  
*C. fenestella*, 81  
*C. hyosyami*, 81  
*Coroebus bifasciatus*, 135  
*C. fasciatus*, 135  
*C. rubi*, 135  
*Corticaria serrata*, 174  
*Corunaspis beckii*, 112  
 CORVIDAE, 1  
*Corvus coronae*, 1  
*C. frungilegus*, 1  
*Corylobium avellanae*, 92  
*Corymbites purpureus*, 173  
*Cosmia ocellaris*, 216  
*C. trapezinal*, 216  
*Cosmina arabica*, 245  
 COSMOPTERYGIDAE, 201  
 COSSIDAE, 201  
*Cossus cossus*, 201  
*C. fereidun*, 202  
*C. ligniperda*, 201  
*C. unguiculatus*, 201  
*Cosymbia annulata*, 205  
*Craniophora pontica*, 216  
*Cratomerus dradena shelkov-*  
*nikovi*, 132  
*C. fedtschenkoi*, 135  
*C. intermedius*, 135  
*C. mancus*, 135  
*Cretonotus arabica*, 199  
*C. gangis*, 199  
*Creoleon elegans*, 127  
*C. remanei*, 127  
*Cribramara cadoudali*, 185  
 CRICETIDAE, 3  
*Cricetulus migratorius*, 3, 30,  
 31, 258, 259  
*C. migratorius cinerascens*, 3  
*C. migratorius isabellinus*, 3  
*C. migratorius migratorius*, 3  
*C. migratorius phaeus*, 3, 4  
*C. migratorius vermula*, 4  
*C. phaeus*, 4  
*Cricetus auratus*, 4  
*C. auratus brandti*, 4  
*Criocephalus rusticus*, 144  
*Crioceris duodecimpunctata*,  
 152  
*Crociosema altheana*, 227  
*Crociosema plebejana*, 227  
*Crocidura russica*, 31  
*Croesus persicus*, 283  
*C. septentrionalis*, 283  
 CRUSTACEA, 37  
*Cryphalus abietis*, 192  
*Cryptocephalus fulgurans*, 152  
*C. undulatus*, 152  
*Cryptocheilus rubellus*, 278  
 CRYPTOCOCCIDAE, 110  
*Cryptococcus fagi*, 110  
*C. fagisuga*, 110  
*Cryptolaemus montrouzieri*,  
 157  
*Cryptolestes ferrugineus*, 161  
*C. turcicus*, 161  
*Cryptomyzus behboudi*, 92  
*C. korschelti*, 92  
*Cryptoparlatoreopsis halli*, 112  
*C. meccae*, 112  
*C. talaiae*, 112  
*Cryptopeltis tenuis*, 74  
 CRYPTOPHAGIDAE, 161  
*Cryptophagus araxicola*, 161  
*C. cellaris*, 161  
*C. distinguendus*, 161  
*C. hexagonalis*, 161  
*C. simplex*, 161  
*C. laticollis*, 161  
*Cryptosiphon artemisiae*, 92  
*Crptotermes* sp. nr. *kara-*  
*chiensis*, 61  
*Cryptoxenus elburzensis*, 141  
*Cryptus esponsor*, 275  
*C. inculcator*, 275  
*Crytogaster vulgaris*, 278  
*Crytoptyx pistaciae*, 278  
*Crytotrogus miksici*, 188  
 CTENOCEPHALIDAE, 258  
*Ctenocephalides canis*, 259  
*C. felis*, 259  
*C. felis felis*, 259  
*C. felis orientis*, 259  
*Ctenophthalmus dolichus*  
*kurdensis*, 258  
*C. iranum persicus*, 258



- Danais chrysopus*, 202  
*Daphnis nerii*, 239  
*Dasia aedificator*, 120  
*Dasus pusillum*, 196  
*D. rusticum*, 196  
*Dasycercodes iranicus*, 56  
*Dasychira pudibunda*, 209  
*Dasylabris maura*, 277  
*Dasyneura acrophila*, 245  
*D. fraxini*, 245  
*Dasyscolia ciliata araratica*,  
280  
*Dasytes carbonarius*, 170  
DASYTIDAE, 170  
*Dattinia iranalis*, 233  
*Davatchiaphis persicus*, 92  
*Decorana capitata*, 56  
*Decticus aeolicus*, 56  
*D. albifrons*, 56  
*D. annaelisae*, 56  
*D. intermedius*, 57  
*D. krinicki*, 57  
*D. syriacus*, 57  
*D. verrucivorus*, 56  
*Deilephila celerio*, 239  
*D. hippophaes*, 238  
*D. lineata livornica*, 239  
*D. nerii*, 239  
*D. porcellio*, 239  
*D. suellus*, 239  
*D. suellus kaschgoulii*, 239  
*Deiopeia tenuella*, 199  
*Dekabates qanaticola*, 35  
DELPHACIDAE, 110  
*Delphax suezensis*, 110  
*Deltomerus elburzensis*, 141  
*D. korrigani*, 141  
*Demodex canis*, 34  
*D. ovis*, 34  
*D. phylloides*, 34  
DEMODICIDAE, 34  
*Dendrocopos major*, 2  
*D. minor*, 2  
*Dendrothrips degeeri*, 67  
*D. phyllireae*, 67  
*D. saluator*, 67  
*Dentatus crataegi*, 97  
*D. communis*, 92  
*D. pyri*, 97  
*Deraeocoris lutescens*, 74  
*D. pallens*, 74  
*D. punctulatus*, 74  
*D. punctulatus form extensa*,  
74  
*D. serenus*, 74  
*Dericorys acutispina*, 50  
*D. albidula*, 50  
*D. annulata*, 50  
*D. cryosterna*, 50  
*D. curvipes*, 50  
*D. roseipennis*, 50  
*D. roseipennis lazurascens*, 50  
*D. tibialis*, 50  
*D. uvarovi*, 50  
*D. uvarovi iranica*, 50  
*D. vitrea*, 50  
*D. xenosterna*, 50  
*Dermacentor daghestanicus*, 30  
*D. marginatus*, 30  
*D. niveus*, 30  
*D. raskemensis*, 30  
*D. reticulatus*, 30  
DERMANYSSIDAE, 25  
*Dermanyssus gallinae*, 25  
DERMAPTERA, 62  
*Dermestes frischii*, 171  
*D. maculatus*, 171  
*D. marginatus*, 171  
*D. mustellinus*, 171  
*D. vulpinus*, 171  
DERMESTIDAE, 170  
*Derocerus reticulatum*, 12  
*Derolus mauritanicus*, 144  
*Derostenus* sp., 272  
*Desmometopa* sp., 249  
*Deudera acuminata*, 138  
*Diachromus germanus*, 174  
*Diacrisia urticae*, 199  
*Diaeretiella rapae*, 263  
*Dialeurodes citri*, 85  
*Diaphora turensis*, 199  
DIAPRIIDAE, 248  
DIASPIDIDAE, 110  
*Diaspidiotus amygdalicola*, 112  
*D. armenicus*, 116  
*D. caucasicus*, 112  
*D. farahbakhshi*, 112  
*D. iranicus*, 112  
*D. kaussarii*, 112  
*D. prunorum*, 112, 261, 271  
*D. slavonicus*, 117  
*D. transcaspensis*, 112  
*D. turanicus*, 112  
*D. zonatus*, 117  
*Diaspis amygdali*, 116  
*D. boisduvalii*, 112  
*D. carmanicus*, 112  
*D. minima*, 111  
*D. patelliformis*, 116  
*D. pentagona*, 116  
*D. syriaca*, 113  
*Dibrachoides druso*, 278  
*Dibrachys boarmiae*, 278  
*D. cavus*, 278  
*D. sp. prob. cavus*, 278  
*Dicaelotus* sp., 275  
*Dicerca aenea vallidiuscula*,  
135  
*D. alni*, 135  
*D. fritillum*, 135  
*D. scabida*, 135  
*Dicestra dianthi*, 216  
*D. mendica*, 216  
*D. stigmosa*, 216  
*D. trifolii*, 216  
*Dichagyris forficula turana*,  
217  
*D. grisea*, 217  
*D. hadjina*, 217  
*D. pfeifferi*, 217  
*Dichromia opulenta*, 217  
*Dicranocephalus agilis*, 83  
*D. ferganensis*, 83  
*D. marginatus*, 83  
*D. setulosus*, 84  
*Dicranomerus* sp., 70  
*Dicranura bifida*, 201  
*D. vinula*, 201



- Dicrodiplosis manihoti*, 245  
*Dictyla echii*, 84  
*Dictyophara albata*, 118  
*D. asiatica*, 118  
*D. europaea*, 118  
*D. exoptata*, 118  
*D. hoerlandi*, 118  
 DICTYOPHARIDAE, 118  
 DICTYOPTERA, 59  
*Dicycla oo*, 217  
*D. oo* form *sulfurea*, 217  
*D. trapezina*, 216  
*Dicyphus* sp., 74  
*Didesmococcus unifasciatus*,  
 108, 278  
*Dielocroce elegans*, 127  
*Dieuches armipes*, 72  
*Diexis varentzovi*, 40  
*D. varentzovi salsolae*, 40  
*Diglyphus isaea*, 272  
*D. sp. prob. sabulosus*, 272  
*Diloponis fuerschi*, 157  
*Dinaria mirzayani*, 40  
*Dinaspidiotus amygdalicola*,  
 112  
*Diodontus minutus*, 281  
*D. tristis*, 281  
*Diolcogaster mayae*, 265  
*Diomphalus hispidulus*, 72  
*Diomus rubidus*, 157  
*Diorrhabda elongata*, 152  
*Diplocoelus fagi*, 129  
*Diplolepis disticha*, 269  
 DIPODIDAE, 6  
 DIPTERA, 243  
*Dipterygia pinastri*, 217  
*D. scabriuscula*, 217  
*Dipus sagitta*, 7  
*Dirhinus himalayanus*, 267  
*Discolia hirta*, 280  
*Disso pachys matthiesseni*, 144  
*Ditomus calydonius*, 141  
*Diuraphis frequens*, 120  
*D. noxia*, 120, 156, 157, 159, 261,  
 262  
*Dociostaurus albicornis*, 43  
*Dociostaurus albicornis*  
*albicornis*, 43  
*D. albicornis turcmenus*, 43  
*D. anaticus*, 43  
*D. anaticus* form *castaneo-*  
*picta*, 43  
*D. brevicollis*, 40  
*D. crassiusculus*, 40  
*D. crassiusculus nigrogenicu-*  
*latus*, 40  
*D. crucigerus*, 40  
*D. crucigerus tartarus*, 41  
*D. dianesus*, 40  
*D. genei*, 40  
*D. hauensteini*, 40  
*D. hauensteini elbursianus*, 40  
*D. hauensteini hauensteini*, 40  
*D. jagoi*, 40  
*D. kraussi*, 40  
*D. kraussi nigrogeniculatus*, 40  
*D. kurdus*, 40  
*D. larensis*, 41  
*D. maroccanus*, 2, 41, 154, 179,  
 180, 244, 245, 252  
*D. nigrogeniculatus nigroge-*  
*niculatus*, 40  
*D. plotnikovi*, 41  
*D. spp.*, 180, 181, 182  
*D. tartarus*, 41  
 DOLICHOPSYLLIDAE, 258  
*Dolycoris acuminata*, 78  
*D. baccarum*, 78, 255, 271, 279  
*D. penicillatus*, 78, 279, 280  
*Domomyza ambigua*, 243  
*D. nigripes*, 243  
*Dorcadion auratum* form  
*semispoliatum*, 144  
*D. biforme*, 144  
*D. brunneicolle* form *parma-*  
*estum*, 144  
*D. cinerarium* form *cauca-*  
*sicum*, 144  
*D. cingulatum persicum*, 144  
*D. complanatum*, 144  
*D. discomaculatum*, 144  
*D. glaucum*, 144  
*Dorcadion hellmanni*, 144  
*D. laeve plasoni*, 145  
*D. scabricolle*, 145  
*D. scabricolle corpulentum*,  
 145  
*D. scabricolle latefasciatum*,  
 145  
*D. striolatum*, 145  
*D. turki*, 145  
*D. turki transcaspicum*, 145  
*Dorcus parallelopedus*, 188  
*Doritis apollinus*, 228  
*D. apollinus* var. *amasina*, 228  
*D. apollinus* form *krystallina*,  
 228  
*Drasterius bimaculatus*, 173  
*Drasteria albofasciata*, 217  
*D. caucasica*, 217  
*D. picta*, 217  
*D. roda*, 217  
*Drepana binaria*, 202  
 DREPANIIDAE, 202  
*Drepanosiphum acerinus*, 100  
*D. aceris iranicum*, 100  
*D. platanoides*, 100  
*Drepanothrips reuteri*, 67  
*D. viticola*, 67  
*Dreyfusis* sp., 84  
*Drino atropivora*, 255  
*D. imberbis*, 255  
*Drosophila fasciata*, 248  
*D. melanogaster*, 248  
 DROSOPHILIDAE, 248  
*Dryas maia*, 225  
*D. pandora*, 225  
*Dryadusa grisea*, 56  
*Drymus sylvaticus*, 72  
*Dryobius amygdali*, 97  
*Dryomus nitedula*, 30  
*Dryophanta agama*, 269  
*D. disticha*, 269  
*D. folii*, 269  
*D. pubescentis*, 269  
*Dubininellus corniger*, 27  
*Duplacionaspis graminella*,  
 113

- Duplachimaspis stanoto-pheris*, 113  
*Duponchelia fovealis*, 234  
*Duroniella gracilis*, 41  
*D. iranica*, 41  
*D. kalmyca*, 41  
*D. kostylevi*, 41  
*D. laeviceps*, 41  
*D. lucasi*, 41  
*D. volucris*, 41  
*Dynaspidiotus medicus*, 113  
*D. spartii*, 113  
DYNASTIDAE, 172  
*Dyromus nitedula*, 10  
*D. nitedula kurdistanicus*, 10  
*D. nitedula pictus*, 10  
*D. nitedula tichomirovi*, 10  
*Dysaphis affinis*, 92  
*D. anthrisci*, 92  
*D. apiifolia*, 92  
*D. aucupariae*, 92  
*D. brancoi*, 92  
*D. crataegi*, 92  
*D. devector*, 92, 246, 254, 263  
*D. foeniculae*, 92  
*D. lappae*, 92  
*D. lauberti*, 92  
*D. mali*, 93  
*D. microsiphon*, 93  
*D. plantaginea*, 93, 155, 246, 254, 263  
*D. pulverina iranica*, 93  
*D. pyri*, 93, 246, 252, 263  
*D. radicola*, 93  
*D. reaumuri*, 93  
*D. tulipae*, 93  
*D. vandenboschi*, 93  
*D. viennoti*, 93  
*Dysauxes hyalina*, 240  
*Dysmicoccus boninsis*, 122  
*Dyspessa salicicola*, 202  
*D. ulula*, 202  
DYTISCIDAE, 173  
*Earias biplaga*, 229  
*E. chlorana*, 229  
*E. insukana*, 229, 265, 274  
*Echidnophaga gallinacea*, 260  
*E. oschanini*, 260  
*E. popovi*, 260  
*Echinomyia fera*, 255  
*E. magnicornis*, 255  
*E. praeceps*, 255  
*Ecorista larvarum*, 255  
*Ecphylius carinatus*, 265  
ECTOBIIDAE, 59  
*Ectophasia crassipennis*, 255  
*E. oblonga*, 255  
*E. rubra*, 255  
*Edwardsiana elborzica*, 125  
*E. iranicola*, 125  
*E. rosae*, 125  
*E. salicicola*, 125  
*Egeirotrioza ceardi*, 124  
*Egernia sinuata noxia*, 100  
*Egnatioides coerulans*, 41  
*E. farsistanicus*, 41  
*E. kiritshenkoi*, 41  
*E. sphaerifer*, 41  
*Egnatius apicalis*, 41  
*Eharius chergui*, 26  
*Eilicrinia cordaria*, 205  
*Elachertus proteoteratis*, 267  
*Elasmucha eckerleini*, 69  
*Elater sanguinolentus*, 173  
ELATERIDAE, 173  
*Elatobium abietinum*, 93  
*Elburzaphis behboudi*, 93  
*Ellipsocoris tamerlani*, 82  
*E. trilineatus*, 82  
*Ellobius farsistani*, 4  
*Ellobius fuscocapillus*, 4  
*E. fuscocapillus fuscocapillus*, 4  
*E. fuscocapillus legendrei*, 4  
*E. lutescens*, 4  
*E. lutescens lutescens*, 4  
*E. lutescens wousnami*, 4  
*E. talpinus*, 4  
*Emblethis brachynotus*, 72  
*E. griseus*, 72  
*E. karamanus*, 72  
*E. pallens*, 72  
*Empoasca decipiens*, 103, 126  
*E. decipiens bifurcata*, 103  
*E. decipiens minor*, 103  
*E. fabae*, 103  
*E. lybica*, 103  
*E. maligna*, 103  
*E. meridiana*, 103  
*Empusa uvarovi*, 60  
EMPUSIDAE, 60  
*Enargia abdula imbutafasciata*, 217  
*E. imbuta*, 217  
*Enarmonia formosana*, 242  
*E. woerberana*, 242  
*E. woerberiana*, 242  
*Enaysma niveipes*, 272  
*Encarsia adrianae*, 262  
*E. aurantii*, 262  
*E. formosa*, 262  
*E. inaron*, 262  
*E. lutea*, 262  
*E. partenopea*, 262  
ENCYRTIDAE, 270  
*Encyrtus fuscicollis*, 270  
*E. lecaniorum*, 270  
*E. varicornis*, 271  
*E. sp.*, 271  
*Endrosa roscida*, 199  
*Engistus exanguis*, 72  
ENIDAE, 11  
*Ennomos fraxineti*, 205  
*E. fuscantaria*, 205  
*E. olivaria*, 205  
*E. quercia*, 205  
*Enoploderes sanguineum*, 145  
*Enoplops disciger*, 70  
*Entedon antispilae*, 272  
*E. leucogramma*, 272  
*Entomoscelis adonidis*, 152  
*E. dorsalis*, 152  
*E. suturalis*, 152  
*Entomotrogus megatomoides*, 171  
*Eogenes alcides*, 207  
*Eolydus atripes*, 177  
*E. conspicuus*, 177

- Eotetranychus carpiniborealis*, 21
- E. evini*, 21
- E. frosti*, 21
- E. hirsti*, 21, 160
- E. pilosus*, 22
- E. pomi*, 21
- E. populi*, 21
- E. pruni*, 21
- E. weldoni*, 21
- Epacromia lurida*, 38
- Epeolus variegatus*, 261
- Ephedraphis ephedrae*, 86
- Ephedrus persicae*, 263
- E. plagiator*, 263
- E. sp.*, 263
- Ephesia abacta iranica*, 217
- E. lusciana*, 217
- E. nymphaea*, 217
- Ephestia cahiritella*, 234
- E. calidella*, 234
- E. cautella*, 234
- E. elutella*, 234
- E. figulilella*, 234
- E. fuscofasciella*, 234
- E. gitonella*, 234
- E. kuehniella*, 234
- E. panicella*, 234
- E. roxburghii*, 234
- E. spp.*, 14, 266, 275
- E. unicolorella*, 234
- Ephialetes caudatus*, 275
- Ephydra afghanica*, 248, 279
- E. sp. nr. riparia*, 249
- EPHYDRIDAE, 248
- Epicauta erythrocephala*, 177
- E. erythrocephala* var. *lateli-neolata*, 177
- E. suavis*, 177
- E. textilis*, 177
- Epicimelia theresiae*, 241
- Epicometis hirta*, 188
- E. hirtella*, 188
- E. senicula*, 188
- E. squalida*, 188
- E. suturalis*, 188
- EPIDERMOPTIDAE, 24
- Epidiaspis betulae*, 113
- E. gennadii*, 113
- E. gennadosi*, 113
- E. leperii*, 113, 262
- E. salicis*, 113
- Epilachna argus*, 157
- E. chrysomelina*, 157
- E. elaterii*, 157
- Epinephela jurtina*, 236
- E. lycaon*, 236
- E. persica*, 236
- E. telmessia*, 236
- E. wagneri*, 236
- Epineuronia lolii*, 223
- E. popularis*, 223
- Epischmia prodromella*, 230
- Episcorsia repandalis*, 234
- Episema lederi*, 217
- Epistrophe auricollis*, 254
- E. balteatus*, 254
- Episyrrhus auricollis*, 254
- E. balteatus*, 254
- Epitetranychus altheae*, 21
- E. viennensis*, 23
- Epitherina bahmana*, 205
- E. ghirshmani*, 205
- Epitrimerus pyri*, 16
- Erannis bajaria*, 242
- Erastria sulfuralis*, 217
- E. trabealis*, 217
- Erebaxonopsis brevipes*, 33
- Erebia ligea*, 236
- Eremippus guttatus*, 41
- E. guttatus guttatus*, 41
- E. guttatus notius*, 41
- E. persicus*, 41
- E. simplex simplex*, 41
- Eremocharis granulosa*  
*bampura*, 41
- E. granulosa khorassana*, 41
- E. subsulcata*, 41
- Eremohallaspis farsetia*, 113
- Eremopezza cinerascens*, 53
- E. cinerascens bicoloripes*, 53
- E. cinerascens cinerascens*, 53
- Eremopezza cinerascens vire-scens*, 53
- E. festiva*, 53
- E. gibbera angustae*, 53
- E. gibbera lata*, 53
- E. gibbera reducta*, 53
- E. gigas*, 53
- E. saussurei*, 53
- E. saussurei cyanea*, 53
- E. saussurei saussurei*, 53
- E. saussurei violacea*, 53
- Eremotmethis carinatus*, 53
- Eretmocerus mundus*, 262
- Ergatettix dorsiferus*, 55
- ERIOCOCCIDAE, 118
- Eriococcus spuria*, 118
- Eriogaster amygdali*, 208
- E. philippsi*, 208
- Eriophyes brevipunctatus*, 16
- E. chinensis*, 16
- E. erineus*, 15
- E. granati*, 15
- E. illicis*, 15
- E. laevis*, 16
- E. macrorrhynchus*, 15
- E. padi*, 16
- E. pistaciae*, 15
- E. pyri*, 17
- E. pyri* var. *mali*, 17
- E. quercinus*, 17
- E. sacchari*, 17
- E. similis*, 17
- E. similis tipycus*, 17
- E. stefanii*, 15
- E. tetanothrix*, 17
- E. tristriatus*, 15
- E. tristriatus* var. *erineus*, 15
- E. tulipae*, 17
- E. vitis*, 17
- ERIOPHYIDAE, 16
- Eriosoma lanigerum*, 120, 157, 261
- E. lanuginosum*, 69, 121
- E. ulmi*, 121
- ERIOSOMATIDAE, 120
- Eripsilia transversa*, 217

- Eristalis tenax*, 254  
*Ernolius mollis*, 128  
*Eromene ocellus*, 234  
 ERYCINIDAE, 202  
*Eryngiopus gracilis*, 19  
*Erynnia nitida*, 255  
*Erynnis marloyi*, 207  
*Erythroneura albisignata*, 103  
*E. asiatica*, 125  
*E. comes*, 103  
*Esfandiaria obesa*, 41  
*Estenoborus perrisi*, 192  
*Esthiopterum anseris*, 63  
*E. cassicornis*, 63  
*Eteophilus nebulosus*, 165  
*E. nebulosus* var. *arcuatus*, 165  
 ETHMIIDAE, 203  
*Etiella zinckenella*, 230  
*Eucallipterus tiliae*, 100  
*Eucarazzia elegans*, 93  
*Eucarcelia axisa separata*, 255  
*Eucera chrysopyga*, 261  
*E. clypeata*, 261  
*E. nitidiventris*, 261  
*Euchalcidia nigripes*, 267  
*Eucharzia consona*, 217  
*Eucharia festiva*, 199  
*Euchloe ausonia*, 231  
*E. belemia*, 231  
*E. charlonia amseli*, 231  
*E. chloridice*, 231  
*E. crameri*, 231  
*Euchloris prasinaria*, 205  
*Euchorthippus transcaucasicus*, 42  
*Euchromidis ocellus*, 234  
*Euclidia glyphica*, 217  
 EUCOSMIDAE, 227  
*Eugnorisma insignata*, 217  
*E. miniago*, 217  
*Eulachnus agilis*, 119  
*E. nigricola*, 119  
*E. rileyi*, 119  
*E. tuberculostemmata*, 119  
*Eulacus europaeus syrensis*, 8  
*Eulaelaps stabularis*, 25  
*Eulecanium bituberculatum*, 108  
*E. corni*, 109  
*E. coryli*, 108, 261, 270, 271  
*E. ficiphylum*, 108  
*E. mali*, 108  
*E. persicae*, 108  
*E. philippii*, 109  
*E. piligerum*, 109  
*E. prunastrii*, 109  
*E. rugulosum*, 109, 271  
*E. tiliae*, 109, 270  
*E. turanicus*, 109  
*Eulia pavonia*, 242  
*Euloastra tamsi*, 217  
 EULOPHIDAE, 271  
*Eumenes maxillosa dimidiatipennis*, 272  
*E. mediterraneus*, 273  
 EUMENIDAE, 272  
*Eumerus strigatus*, 254  
*Eunebria confusianus*, 183  
*E. esfandiarii*, 183  
*E. testadilata*, 183  
*Euneura laeviuscula*, 278  
*Euoniticellus flavipes*, 189  
*E. fulvus*, 189  
*E. pallipes*, 189  
 EUPELMIDAE, 273  
*Eupelmus cicadae*, 273  
*Eupeodes corollae*, 254  
*Euphydryas aurinia jungei*, 225  
*Euphyllura olivina*, 86, 262, 279  
*Eupista anseripennella*, 203  
*E. hemerobiella*, 203  
 EUPISTIDAE, 203  
*Eupithecia centaureata*, 205  
*E. quercetica*, 205  
*Euplectrus flavipes*, 272  
*Eupodes* sp. nr. *venencollinus*, 17  
 EUPODIDAE, 17  
*Eupoecilopoda perpunctata*, 270  
*Euprepia rivularis*, 199  
*Euproctis chrysorrhoea*, 209, 211, 212, 255, 266  
*E. chrysorrhoea sensu*, 212  
*E. karghalica*, 211  
*E. similis*, 212  
*E. susana*, 212  
*Eupteromalus* sp., 278  
 EUPTERYGIDAE, 125  
*Eurois prasina*, 217  
*Eurydema festivum*, 78  
*E. fieberi* var. *caucasicum*, 78  
*E. maracandica*, 78  
*E. ornata*, 79  
*E. ornatum*, 78, 280  
*E. ornatum* form *pictella*, 78  
*E. ornatum* var. *pictum*, 78  
*E. putoni*, 78  
*E. putoni* var. *coloratum*, 79  
*E. spectabilis*, 79  
*E. ventrale*, 79  
*Eurygaster integriceps*, 82, 255, 271, 279, 280  
*E. integriceps* var. *nigra*, 82  
*E. maurus*, 82  
*E. testudinaria*, 82, 279  
*Eurystylus bellevoeyi*, 74  
*Eurytetranychus buxi*, 21  
*Eurythyrea aurata*, 135  
*Eurytoma amygdali*, 273  
*E. arctica*, 273  
*E. curcutionum*, 273  
*E. morio*, 273  
*E. plotnikovi*, 273  
*E. roddi*, 273  
*E. sp. nr. infracta*, 273  
*E. sp. nr. strigifrons*, 273  
 EURYTOMIDAE, 273  
*Euscelis aksius*, 104  
*E. communis*, 104  
*E. incisus*, 104  
*E. obscurellus*, 104  
*Euseius delhiensis*, 27  
*E. finlandicus*, 27  
*E. libanesi*, 27  
*Eusimulium areum*, 253

- Eusimulium kiritshenkoi*, 253  
*E. latizonum*, 253  
*E. paucicuspis*, 253  
*E. rubzovianum*, 253  
*Eusomus ovulum*, 165  
*Eusphacia pimplaeformis*, 198  
*Eustolus davatchii*, 165  
*Eustrotia olivana*, 217  
*Eutelia adoratrix*, 218  
*Euterpia laudeti*, 218  
*Eutetranychus banksi*, 21  
*E. buxi*, 21  
*E. fici*, 21  
*E. hirsti*, 26, 27, 75  
*E. orientalis*, 23, 27  
*E. palmatus*, 21  
*Euthrips pyri*, 68  
*Eutricaria argentata*, 276  
*E. cancinna*, 276  
*E. flavipes*, 276  
*E. terminata*, 276  
*Euvanessa anthiopa*, 225  
*Euvarroa sinhai*, 29  
*Euxantis argentalis*, 229  
*Euxesticus dentula*, 214  
*Euxoa agricola*, 218  
*E. aquilina*, 218  
*E. basigramma*, 218  
*E. conspicua*, 218  
*E. corticea*, 218  
*E. forcipula* form *nigrescens*,  
218  
*E. hastifera*, 218  
*E. lusipeta*, 218  
*E. prope oranaria*, 218  
*E. segetum*, 265, 266  
*E. spinulus*, 222  
*E. temera*, 218  
*E. temera leucotera*, 218  
*Euzonitis maculiceps*, 177  
*E. paulinoi*, 177  
*E. quadrimaculata*, 177  
*E. sexmaculata*, 177  
*E. sexmaculata* form *lunata*, 177  
*Euzophera bigella*, 69, 184, 230,  
278  
*Euzophera punicaeella*, 230  
*E. stenoptiche*, 230  
*Evania abyssinica*, 273  
*E. dimidiata*, 273  
*E. schletterei*, 273  
EVANIIDAE, 273  
*Everes argiades*, 210  
*E. argiades parrhasius*, 210  
*Evergestis occidentalis*, 234  
*Eversmannibombus persicus*  
*persicus*, 264  
*Evertia buoliana*, 228  
*Evylaeus* sp., 274  
*Exaereta ulmi*, 224  
*Exaeretus meyeri*, 74  
*Exidechthis canescens*, 275  
*Exitianus fasciolatus*, 104  
*E. vulneratus*, 104  
*Exocentrus punctipennis*, 145  
*Exochomus flavipes*, 157  
*E. illaesticollis*, 157  
*E. melanocephalus*, 157  
*E. nigripennis*, 157  
*E. nigromaculatus*, 157  
*E. pubescens*, 157  
*E. quadripustulatus*, 157  
*E. quadripustulatus* var.  
*floralis*, 158  
*E. spp.*, 272  
*E. undulatus*, 158  
*Exolygus pratensis*, 74  
*E. rubricatus*, 74  
*E. rugulipennis*, 74  
*Exorista belanovskii*, 255  
*E. larvarum*, 255  
*E. mimula*, 256  
*E. rutilans*, 256  
*E. securicornis*, 256  
*E. sorbillans*, 256  
EYLAIIDAE, 34  
*Eyprepocnemis alacris alacris*,  
50  
*E. alacris impictus*, 50  
*E. fisheri*, 51  
*E. plorans*, 51  
*E. unicolor*, 51  
*Eysarcoris inconspicuus*, 79  
*E. ventralis*, 79  
*Fagocyba cruenta*, 104  
*Falcotoya minuscula*, 110  
*Fallacia elegans*, 145  
*Fannia canicularis*, 244  
*Farsinella predtetshenskii*, 42  
*F. uvarovi*, 42  
*Farsodecticus abaicus*, 57  
*Feltria sepasgosariani*, 34  
FELTRIIDAE, 34  
*Fieberiella flori*, 104  
*F. septentrionalis*, 104  
*Filippia ephedrae*, 109  
*F. gossypii*, 109  
*Fiorinia afchari*, 113  
*F. distinctissima*, 113  
*F. phoenicis*, 113  
*Fisanotargionia quadrilobata*,  
113  
*Fischeria bicolor*, 256  
FLATTIDAE, 118  
*Flebotomus alexandri*, 250  
*F. ansarii*, 250  
*F. bergeroti*, 251  
*F. caucasicus*, 251  
*F. chinensis*, 251  
*F. chinensis longiductus?*, 251  
*F. elaeonora*, 251  
*F. jucucielii*, 251  
*F. kazeruni*, 251  
*F. keshishiani*, 251  
*F. langeroni*, 251  
*F. mesghali*, 251  
*F. mongolensis*, 251  
*F. papataci*, 251  
*F. perfilievi*, 251  
*F. salehi*, 251  
*F. sergenti*, 251  
*F. tobbi*, 251  
*Forda dauci*, 92  
*F. follicularia*, 93  
*F. formicaria*, 93  
*F. hirsuta*, 93  
*F. kaussarii*, 93  
*F. marginalis*, 93

- Forda orientalis*, 93  
*F. riccobonii*, 93  
*F. spp.*, 69  
*Forellia sp.*, 33  
*Forficesila annulipes*, 62  
*Forficula auricularia*, 62  
*F. lucasi*, 62  
*F. lurida*, 62  
*F. riparia*, 62  
*F. tomis*, 62  
 FORFICULIDAE, 62  
 FORMICIDAE, 274  
*Frankliniella cephalica*, 67  
*F. dampfi*, 67  
*F. intonsa*, 67  
*F. pallida*, 67  
*F. schultzei*, 67  
*F. tenuicornis*, 67  
*Friesia alajensis*, 253  
*F. bezzii*, 253  
*F. condici*, 253  
*Fringilla coelebs*, 1  
 FRINGILLIDAE, 1  
*Froggatiella penicillata*, 115  
*Fruticoidia bisignata*, 103, 104  
*F. sanguinosa*, 104  
*Funambulus palmarum*, 11  
*F. pennanti*, 11  
*Gagades brandti*, 242  
*Galeruca bonvouloiri*, 152  
*G. pomonae*, 152  
*G. tanacetii*, 152  
*Galerucella lineola*, 152  
*G. luteola*, 152, 159, 255, 272  
*G. nymphaeae*, 152  
*G. polygonata*, 152  
*G. ulmi*, 152  
*G. xanthomelaena*, 152  
*Galleria mellonella*, 203  
 GALLERIIDAE, 203  
*Gamasellodes bicolor*, 14  
 GAMASIDA, 25  
 GASTEROPHILIDAE, 249  
*Gasterophilus haemorrhoidalis*, 249  
*G. intestinalis*, 249  
*Gasterophilus nasalis*, 249  
*Gasteruption foveolum*, 274  
*G. jaculator*, 274  
*G. rubricanus*, 274  
 GASTERUPTIONIDAE, 274  
*Gastroidea polygoni*, 152  
 GASTROPHILIDAE, 249  
*Gastrophysa polygoni*, 152  
 GASTROPODA, 11  
*Gelastorrhinus sagitta*, 42  
*Gelechia pistaciae*, 203  
 GELECHIIDAE, 203  
*Geocoris arenarius*, 72  
*G. luridus*, 72  
*G. megacephalus*, 72  
*G. megacephalus siculus*, 72  
*G. pallidipennis*, 72  
*Geoica setulosa*, 121  
*G. utricularia*, 121, 246  
*G. utrimaculata muticae*, 121  
 GEOMETRIDAE, 204  
*Georgella sp.*, 35  
*Geotomus brunnipennis*, 71  
*G. caucasicus cilatifylus*, 71  
*Geranorrhinus pusillus*, 165  
*Gerbillus cheesmani*, 4  
*G. cheesmani aquilus*, 4  
*G. dasyurus mesopotamiae*, 4  
*G. gerbillus*, 4  
*G. mesopotamica*, 4  
*G. nanus*, 4, 258, 259  
*G. persicus*, 31  
*G. spp.*, 30, 32  
*Gibbium boieldieui*, 185  
*G. psylloides*, 185  
*Gigantolimax lenkoranus*, 12  
*G. talyschanus*, 13  
*Glaphypterus micous*, 189  
*Glaphyra lacernaria*, 218  
*Glaphyrus superbus*, 189  
*Glis glis*, 10  
*G. glis caspicus*, 10  
*G. glis persicus*, 10  
*G. glis petruccii*, 10  
 GLOMERIDAE, 37  
*Glomeris sp.*, 37  
 GLYCYPHAGIDAE, 18  
*Glycyphagus cadaverus*, 18  
*G. destructor*, 18  
*G. domesticus*, 18  
 GLYPHIPTERYGIDAE, 207  
*Gnephosa flavomarginata*, 79  
*Gnopharmia objectaria*, 205  
*G. palumba*, 205  
*Gnophos stevenaria*, 205  
*Gnorimoschema ocellatella*, 265, 275  
*Gohieria fusca*, 18  
*Golunda ellioti*, 9  
*Gonaspidiotus kaussari*, 110  
*Gonepteryx farinosa*, 231  
*G. rhamni*, 231  
*Gonia capitata*, 256  
*Goniagnathus annulipes*, 104  
*G. brevis*, 104  
*G. maculatus*, 104  
*G. palliatus*, 104  
*Goniocotes bidentatus*, 63  
*G. compar*, 63  
*G. gallinae*, 63  
*G. gigas*, 63  
*G. hologaster*, 63  
*Goniodes dissimilis*, 63  
*G. gigas*, 63  
*G. meleagridis*, 63  
*Gonista rotundata*, 42  
*G. sagitta*, 42  
*Gonocephalum nigrum*, 196  
*G. pusillum*, 196  
*G. rusticum*, 196  
*G. setulosum*, 196  
*G. viennense*, 196  
*Gonocerus acuteangulatus*, 70  
*Gonospilaria munita*, 218  
*G. munita munita*, 218  
*Gossyparia spuria*, 118  
*G. ulmi*, 118  
*Gracillaria rufipennella*, 207  
 GRACILLARIIDAE, 207  
*Grammodes algira*, 218  
*G. geometrica*, 218  
*G. stolidata*, 222

- Grapholitha cerasana*, 227  
*G. funebrana*, 227  
*G. incisana*, 227  
*G. janthinana?*, 227  
*G. lediana*, 227  
*G. molesta*, 227  
*G. pruniana*, 227  
*Graphosoma consimile*, 82  
*G. italicum*, 82  
*G. lineatum*, 82, 279, 280  
*G. melanoxanthum*, 82  
*G. semilineata*, 83  
*G. semipunctatum*, 83  
*G. semipunctatum* var.  
*confucta*, 83  
*G. semipunctatum* var.  
*pallida*, 83  
*G. semipunctatum* var.  
*persicum*, 83  
*G. semipunctatum* var.  
*uniceps*, 83  
*Grilicola caviae*, 63  
*G. porcelli*, 63  
*Groscherichia goryi*, 177  
*G. litigiosa*, 177  
*G. richteri*, 177  
*G. salavatiani*, 177  
*G. salavatiani* form *fulguri-*  
*toides*, 177  
*G. vigintipunctata salavatiani*,  
177  
GRYLLIDAE, 51  
*Grylloides brevicarda*, 51  
*Gryllotalpa africana*, 52  
*G. gryllotalpa*, 52  
*G. orientalis*, 52  
*G. unispina*, 52  
*G. vulgaris*, 52  
GRYLLOTALPIDAE, 52  
*Gryllus affinis*, 50  
*G. arvensis*, 52  
*G. bicolor*, 39  
*G. bifasciatus*, 44  
*G. bimaculatus*, 52  
*G. burdigalensis*, 52  
*G. campestris*, 52  
*Gryllus capensis*, 52  
*G. desertus*, 52  
*G. domesticus*, 52  
*G. elegans*, 39  
*G. frontalis*, 52  
*G. geminus*, 52  
*G. genei*, 40  
*G. germanicus*, 50  
*G. gryllotalpa*, 52  
*G. gryllulus*, 52  
*G. insubricus*, 38  
*G. lineola*, 49  
*G. maroccanus*, 41  
*G. miniatus*, 44  
*G. nitidulus*, 51  
*G. pellucens*, 52  
*G. plorans*, 51  
*G. prasinus*, 38  
*G. tartariscus*, 49  
*G. thalassinus*, 38  
*G. transversalis*, 52  
*Gryon monspeliensis*, 279  
*Gymnetron germari*, 165  
*G. interpositum*, 165  
*G. netum*, 165  
*G. parcius*, 165  
*Gymnopleurus coriarius*, 189  
*G. flagellatus*, 189  
*G. mopsus*, 189  
*G. pilularius*, 189  
*Gymnosoma clavata*, 256  
*G. desertorum*, 256  
*Gypsonoma aceriana*, 227  
*G. euphraticana*, 227  
*G. hapalosarca*, 227  
*Gyropus ovalis*, 63  
*Habrobracon iranicus*, 266  
*H. jahanson*, 266  
*H. kitcheneri*, 265  
*Habrocytus grandis*, 278  
*H. sp.*, 278  
*Habrolepis dalmani*, 270  
*H. pascuorum*, 270  
*H. tergrigorianae*, 271  
*Habrynthis scita*, 218  
*Hadena basilinea*, 218  
*Hadena compta persica*, 218  
*H. drenowskyi*, 218  
*H. laudeti*, 218  
*H. luteocincta lucida*, 218  
*H. magnolii*, 218  
*H. oleracea*, 219  
*H. silens*, 218  
*Hadronotus pedester*, 279  
*Haemaphysalis caucacia*, 30  
*H. cholodkovskyi*, 30  
*H. cinabarina punctata*, 30  
*H. concinna*, 30  
*H. erinacei*, 30  
*H. inermis*, 30  
*H. kashmirensis*, 30  
*H. kopetdaghica*, 30  
*H. numidiana*, 30  
*H. otophila*, 30  
*H. parva*, 30  
*H. punctata*, 30  
*H. sulcata*, 30  
HAEMATOPINIDAE, 64  
*Haematopinus asini*, 64  
*H. eurysternus*, 64  
*H. ovillus*, 64  
*H. pedalis*, 64  
*H. suis*, 64  
*H. tuberculatus*, 64  
*Haematopota pallens*, 254  
*Haemerosia vassilini*, 219  
*Haemogamasus pontiger*, 28  
*Haemorrhagia croatica*, 239  
*H. fuciformis*, 239  
*Halias chlorana*, 229  
HALICTIDAE, 274  
*Halictus cephalicus*, 274  
*H. polinosus*, 274  
*H. resurgens*, 274  
*Halosimus collaris*, 178  
*Halterophora capitata*, 257  
*Haltica deserticola*, 174  
*H. deserticola glycyrrhizae*, 174  
*H. tamaricius*, 174  
HALTICIDAE, 173  
*Halticoptera aenea*, 278  
*Halys persa*, 79

- Halysia sedecimguttata*, 158  
*Haplantixia armenica*, 132  
*H. armenica armenica*, 132  
*H. aspera*, 132  
*H. judinae*, 133  
*Haplidia iranica*, 189  
*Haplothrips angusticornis*, 65  
*H. apicalis*, 65  
*H. bolacophilus*, 65  
*H. distinguendus*, 65  
*H. flavicinctus*, 65  
*H. ganglbauri*, 65  
*H. globiceps*, 65  
*H. inopitatus*, 65  
*H. kermanensis*, 65  
*H. kurdjomovi*, 65  
*H. niger*, 65  
*H. paluster*, 66  
*H. reuteri*, 66  
*H. satanas*, 66  
*H. tenuisetosus*, 66  
*H. tritici*, 66  
*Haplotinea ditella*, 241  
*Hapsifera luridella*, 241  
*Haptoncus luteolus*, 184  
*Hardya savanensis*, 104  
*Harmolita aptera*, 273  
*H. grandis*, 273  
*H. tritici*, 273  
*Harmonia conglobata*, 158  
HARPALIDAE, 174  
*Harpalus aeneus*, 174  
*H. amoenus*, 174  
*H. distinguendus*, 174  
*H. rubripes*, 174  
*Harpysia hermelina*, 201  
*H. persica*, 224  
*H. pulcherriana*, 224  
*H. syra leucotera*, 224  
*Hayhurstia atriplicis*, 93  
HEBRIDAE, 71  
*Hebrus pusillus*, 71  
*Hecabalodes ruguloscolyti*, 266  
*H. xylophagi*, 266  
*Hecalus eximius*, 104  
*H. glaucescens*, 104  
HECTOPSYLLIDAE, 260  
*Hedya nubiferana*, 227  
HELEIDAE, 245  
*Helicella candeharica*, 12, 252  
*H. candeharica* var. *mille-*  
*punctata*, 12  
*H. krynickii*, 12, 252  
HELICIDAE, 12  
*Helicidea lencoranea*, 12  
*Helicoconis kurdica*, 127  
*Helicoverpa armigera*, 219, 266  
*Heliopteryx humeralis*, 42  
*Helioscirtus moseri*, 42  
*H. moseri moseri*, 42  
*H. moseri siazovi*, 42  
*H. moseri tichomirovi*, 42  
*Heliothis armigera*, 219, 257,  
265, 284  
*H. dipsacea*, 216, 266  
*H. obsoleta*, 219  
*H. ononis*, 216  
*H. peltigera*, 216  
*H. sp.*, 265  
*H. viriplaca*, 219  
*H. zea*, 219  
*Heliothrips haemorrhoidalis*,  
67  
*H. semiaurens*, 67  
HELIOZELIDAE, 207  
*Helix aspersa*, 12  
*H. atrolabiata* var. *lencoranea*,  
12  
*H. atrolabiata* var. *stauropo-*  
*litana*, 12  
*H. derbentina*, 12, 252  
*H. lucorum*, 12  
*H. pisana*, 12  
*H. pomatia*, 12  
*Helladia pretiosa*, 147  
*Hellula undalis*, 234  
*Helomyia lateralis*, 256  
*Helophorus acutipalpus*, 174  
*H. micans*, 174  
*H. opalisans*, 174  
*Hemaris* sp., 239  
HEMEROBIIDAE, 127  
*Hemerobius zernyi*, 127  
*Hemiberlesia camelliae*, 113  
*H. implicatus*, 113  
*H. lataniae*, 113  
*H. rapax*, 113  
*Hemicheyletia congensis*, 33  
*H. sp. nr. bakeri*, 33  
*Hemichionaspis aspidistrae*,  
116  
HEMISARCOPIDAE, 24  
*Hemisarcoptes malus*, 24  
*Hemistola immaculata*, 205  
*Hemitropis seticulosus*, 107  
*Heodes alciphron*, 210  
*H. dorilis*, 210  
*H. phlaeas*, 210  
*H. thersamon*, 210  
*H. thersamon kurdestanica*,  
210  
*H. xanthe*, 210  
HEPIALIDAE, 207  
*Hepialus humuli*, 207  
*H. pyrinus*, 202  
*Hercinothrips femoralis*, 67  
*Herpestomus brunnicornis*, 275  
*Herse convolvuli*, 239  
*Hesperia carthami*, 207  
*H. geron*, 207  
*H. malvae*, 207  
*H. phlomidis*, 207  
*H. proto*, 208  
*H. staudingeri*, 208  
HESPERIDAE, 207  
*Hesperophanes sericeus*, 145  
*Heteracris adpersus*, 42  
*H. littoralis*, 42  
*H. littoralis similis*, 42  
*Heteroderes crucifer*, 173  
*Heterogamia livida*, 60  
*H. maris-mortui*, 60  
*H. persica*, 60  
*H. roseni*, 60  
*H. saussurei*, 60  
*Heterogamodes longipes*, 60  
*Heterogaster urticae*, 72  
*Heteronychia ancilla*, 252



- HETEROPTERA,69  
*Heterotermes wittmeri*,61  
 HEXAPODA,37  
*Hexarthrum culinaris*,129  
*Heydenia pretiosa*,278  
*Hilethera aiolopoides*,42  
*H. maculata*,42  
*H. turanica*,42  
*Himacerus mirmicoides*,75  
*Hipparchia fatua*,236  
*H. parisatis*,236  
*Hippodamia signata*,158  
*H. tredecimpunctata*,158  
*H. variegata*,158  
*Hippotion celerio*,239  
*Hispidosperchon hispidus*,36  
 HISTERIDAE,174  
*Histiostoma feroniarum*,24  
 HISTIOSTOMATIDAE,24  
*Hodotermes vagans septen-*  
*trionalis*,61  
 HODOTERMITIDAE,60  
*Hodotettix alienus*,56  
*Holcocerus arenicola*,202  
*H. gloriosus*,202  
*H. gloriosus mesopotamica*,  
 202  
*Holcostethus congenitus*,79  
*H. sphacelatus*,79  
*H. strictus*,79  
*H. vernalis*,79  
*Holcothorax testaceipes*,270  
*Holocacista rivillei*,207,272  
*Homalocopriss tmoilus*,189  
*Homalotylus quayolei*,271  
*Homoeosoma nebulellum*,230  
*Homolobus* sp.,266  
 HOMOPTERA,84  
*Homorocoryphus nitidulus*,51  
*Homotoma ficus*,101  
*Hoplandrothrips bidens*,66  
*Hoplia praticola*,189  
*Hoplitis milhauseri* form  
*albida*,224  
*Hoplocampa brevis*,283  
*H. flava*,283  
*Hoplocampa fubicornis*,283  
*H. minuta*,283  
*H. testudinea*,283  
*Hoplodrina ambigua*,219  
 HOPLOPLEURIDAE,64  
*Hormius sculpturatus*,266  
*Horogenes* sp.,275  
*Horvatheurydema fieberi* var.  
*caucasicum*,78  
*Howardia lobulata*,115  
 HUNGAROHYDRACARIDAE,34  
*Hungarohydracarus subterra-*  
*neus*,34  
*Hyadaphis apii*,93  
*H. bupleuri*,93  
*H. coriandri*,93,155,157,261  
*H. foeniculi*,94  
*H. passerini*,94  
*Hyalesthes mlokosiewiczzi*,107  
*H. obsoletus*,107  
*Hyalocoris pilicornis*,72  
*Hyalomma aegyptium*,30  
*H. anaticum anaticum*,30  
*H. anaticum excavatum*,31  
*H. asiaticum*,31  
*H. asiaticum asiaticum*,31  
*H. asiaticum caucasicum*,31  
*H. detritum*,31  
*H. dromedarii*,31  
*H. impeltatum*,31  
*H. kumari*,31  
*H. marginatum marginatum*,  
 31  
*H. marginatum turanicum*,31  
*H. rufipes*,31  
*H. savignyi*,31  
*H. schulzei*,31  
*Hyalopterus amygdali*,94  
*H. arundis*,94  
*H. obscurus*,93  
*H. peucedani*,93  
*H. pruni*,94  
*Hyalorsipis chestoperovi*,42  
*H. turcmena*,42  
*Hybosorus arator palaearc-*  
*ticus*,189  
*Hydrachna* sp.,34  
 HYDRACHNIDAE,34  
 HYDRELLIDAE,248  
*Hydrodroma despiciens*,34  
*H. despiciens despiciens*,34  
*H. rheophila*,34  
*H. torrenticola*,34  
 HYDRODROMIDAE,34  
*Hydrometra stagnorum*,71  
 HYDROMETRIDAE,71  
*Hydronomus sinuaticollis*,165  
*Hydrophantes* sp.,35  
 HYDROPHILIDAE,174  
*Hydrous piceus*,174  
*Hydrovolzia persica*,34  
 HYDROVOLZIIDAE,34  
 HYDRYPHANTIDAE,35  
*Hygrobates calliger*,35  
*H. quanticola*,35  
 HYGROBATIDAE,35  
*Hygotus versicolor*,173  
*Hylaeus* sp.,268  
*Hylemyia antiqua*,244  
*H. cilicrura*,244  
*H. platura*,244  
*Hyles euphorbiae*,239  
*H. lineata*,239  
*H. nicaea*,239  
*Hylesinus fraxini*,192  
*H. oleiperda*,193  
*H. tariano*,193  
*H. varius*,137  
*H. vestitus*,192  
*Hylotoma coeruleipennis*,264  
*H. vulgaris*,264  
 HYLOTOMIDAE,264  
*Hylotrupes bajulus*,145  
*Hymenia fascialis*,235  
 HYMENOPTERA,260  
*Hypera brunneipennis*,165  
*H. meles*,165  
*H. postica*,166  
*H. sericeus*,166  
*H. straminea*,165  
*H. trifolii*,165  
*H. variabilis*,166,272,275, 277,278

- Hyperaspis concolor*, 158  
*H. duvergeri*, 158  
*H. marmottani*, 158  
*H. persica*, 158  
*H. polita*, 158  
*H. pumilla*, 158  
*H. syriaco*, 158  
*Hypermnestra helios*, 228  
*Hyperomyzus lactucae*, 94  
*H. pallidus*, 94  
*Hypoaspis krameri*, 25  
*H. sp.*, 25  
*Hypoborus ficus*, 193, 264  
*H. siculus*, 183  
*Hypocassida subferruginea*, 152  
*Hypocilius ampelinus*, 1  
*Hypoderma bovis*, 249  
*H. diana*, 249  
*H. lineatum*, 249  
*H. ovis*, 249  
HYPODERMATIDAE, 249  
*Hypoeshrus indicus*, 145  
*Hypoglancitis benenotata*, 219  
*Hyponephele cadusia brandti*, 236  
*H. dysdora* ?, 236  
*H. lupinus*, 236  
*H. lupinus centralis*, 236  
*H. lycan kambyes*, 236  
*Hyponomeuta helicella*, 208  
*H. malinella*, 208  
*H. malinellus*, 69, 208, 266; 270, 275  
*H. padellus*, 208, 270, 278  
*H. rorellus*, 208  
*H. variabilis*, 208  
*H. spp.*, 275  
HYPONOMEUTIDAE, 208  
*Hyposoter sp.*, 275  
*Hypothenemus aspericollis*, 193  
*H. ehlersi*, 193  
*H. eruditus*, 193  
*H. lezhavai*, 193  
*Hypobosca longipennis*, 249  
HYPOBOSCIDAE, 249  
*Hypsopygia costalis*, 234  
*Hysteroneura setariae*, 121  
*Hysteropterum repandum*, 118  
HYSTRICHOPSYLLIDAE, 259  
HYSTRICIDAE, 7  
*Hystrix hirsutirostris*, 7  
*H. indica*, 7  
*H. leucura*, 7  
*H. leucura blanfordi*, 7  
*H. leucura satunini*, 7  
*Icerya purchasi*, 120, 159  
ICHNEUMONIDAE, 275  
*Icteranthidium bartholome*, 276  
*Idactus cristulatus*, 145  
*Idiocerinus bicolor*, 100  
*I. stali*, 100  
*I. toktogulensis*, 100  
*Idiocerus alkani*, 100  
*I. chypealis*, 100  
*I. populi*, 100  
*I. stali*, 100  
*Ilema sororcula*, 199  
*Imparapis parapicosimilis*, 36  
*Incertana persica*, 56  
*Indiraseius extremus*, 14  
INSECTA, 37  
*Insulaspis gloveri*, 113  
*I. maskelli*, 114  
*Iphiclides podalirius persica*, 228  
*Iphidozercon gibbus*, 14  
IPIDAE, 192  
*Ips fuscus*, 194  
*I. marnsfeldi*, 193  
*Iranacris dentatus*, 42  
*Iranaphis dehbani*, 94  
*Iranella eremiaphila*, 42  
*I. rugosa*, 42  
*Iraniobia elbursiana*, 42  
*I. mesoptera*, 42  
*I. pavlovskii*, 42  
*I. salavatiani*, 42  
*I. zarudnyii*, 42  
*Iranobrium davatchii*, 145  
*Iranodus amygdalinus*, 107  
*Iranomegapus baderi*, 32  
*Iranotmethis cyanipennis*, 53  
*I. cyanipennis cyanipennis*, 53  
*I. cyanipennis cyanipes*, 53  
*I. cyanipennis kurdus*, 53  
*I. luteipes*, 53  
*I. persa*, 53  
*I. persa persa*, 53  
*I. persa zagrost*, 54  
*Iranusa bampura*, 56  
*I. khorasana*, 56  
*Irichouropoda sp.*, 28  
*Irinula erythrocephala*, 104  
*Irochrotus lanatus*, 83  
*Ischyronota elevata*, 152  
*Isocerca bipunctata brandti*, 202  
*Isoimon riabovi*, 55  
*Isophya acuminata*, 56  
*I. caspica caspica*, 56  
*I. caspica stshelkanovtzevi*, 56  
*I. caucasica*, 56  
*I. riabovi*, 55  
*I. schneideri*, 56  
ISOPODA, 37  
ISOPTERA, 60  
*Isotomus comptus*, 145  
ISSIDAE, 118  
*Issoria lathonia*, 225  
*Italochrysa italica*, 126  
*I. stigmatica*, 126  
*Itoplectis europeator*, 275  
*Ixodes crenulatus*, 31  
*I. occulatus*, 31  
*I. redikorzevi*, 31  
*I. ricinus*, 31  
*I. vespertilionis*, 31  
IXODIDAE, 29  
*Jacubus blanfordi*, 7  
*J. blanfordi blanfordi*, 7  
*J. jaculus*, 7, 258, 259  
*J. jaculus loftusi*, 7  
*J. orientalis*, 7  
*Jalla dumosa*, 79  
*Jartheza simplex*, 233  
JASSIDAE, 102

<i>Jassus scutellaris</i> ,104	<i>Julodis zarudniana</i> ,137	<i>Lacydes semiramis elbursi</i> ,
<i>Jebusaea hammerschmidti</i> ,	<i>Junonia hierta crebrene</i> ,225	199
148	<i>J. orithya</i> ,225	LAELAPTIDAE,25
<i>J. persica</i> ,145	<i>Kakothrips robustus</i> ,67	<i>Laelia richteri</i> ,212
<i>J. testaceus</i> ,148	<i>Kallobombus sorocensis</i>	<i>Laemophloeus ferrugineus</i> ,161
<i>Julodella dilaticollis vaselyi</i> ,	<i>radoszkowskii</i> ,264	<i>L. longicornis</i> ,161
135	<i>Kalotermes</i> sp.,61	<i>L. minutus</i> ,161
<i>J. esfandiarii</i> ,135	KALOTERMITIDAE,61	<i>L. pusillus</i> ,161
<i>J. globithorax</i> ,135	<i>kaltenbachiella pallida</i> ,121	<i>L. testaceus</i> ,161
<i>J. schochi</i> ,135	<i>Kampimodromus aberrans</i> ,27	<i>L. turcicus</i> ,161
<i>Julodis aeneipes</i> ,135	<i>Kermanensis salicicola</i> ,156	<i>Laesobombus laesces laesces</i> ,
<i>J. albopilosa</i> ,136	<i>Kermania pistaciella</i> ,227,265,	264
<i>J. andreae</i> ,135	278	LAGOMYIDAE,7
<i>J. armeniaca</i> var. <i>cyrus</i> ,136	KERMOCOCCIDAE,118	<i>Laingia psama</i> ,102
<i>J. deserticoloides</i> ,136	<i>Kermococcus quercus</i> ,118	<i>Lamoria anella</i> ,203
<i>J. distincta</i> ,136	<i>K. reniformis</i> ,118	<i>Lampetis mimosae</i> ,138
<i>J. eoa</i> ,136	<i>Kirmania exilis</i> ,42	<i>Lampides boeticus</i> ,210,265
<i>J. escalerae</i> ,136	<i>Klapperichicen accoloratus</i> ,	<i>Lampra gloriosa</i> ,137
<i>J. euphratica</i> ,136	107	<i>L. persica</i> ,137
<i>J. euphratica beludjistana</i> ,136	<i>K. turbatus turbatus</i> ,107	<i>L. rutilan</i> ,137
<i>J. euphratica</i> var. <i>nusskina</i> ,	<i>K. viridissima</i> ,107	<i>Lamprias cyanocephalus</i> ,175
136	<i>Kloemannia</i> sp.,14	<i>L. cyanocephalus</i> var.
<i>J. euphratica proxima</i> ,136	<i>Kongsbergia</i> sp.,32	<i>annulatus</i> ,175
<i>J. faldermanni</i> ,136	<i>Koptortosoma aestivens</i> ,285	<i>Lamprodema maurum</i> ,72
<i>J. gotyendensis hauseri</i> ,136	<i>Koroneaspis aegylops</i> ,114	<i>Laodelphax striatellus</i> ,110
<i>J. impluviata</i> ,136	<i>Krendowskia</i> sp.,35	<i>L. striatellus</i> var. <i>fimbriata</i> ,
<i>J. intricata</i> ,136	KRENDOWSKIIDAE,35	110
<i>J. iris</i> ,136	<i>Labidostomis armeniaca</i> ,152	<i>L. striatellus</i> var. <i>lateralis</i> ,
<i>J. iris</i> var. <i>euphratica</i> ,136	<i>L. asiatica</i> ,152	110
<i>J. laevicostata</i> ,136	<i>L. beckeri</i> ,152	LARIDAE,2
<i>J. laevicostata ramifera</i> ,136	<i>L. decipiens</i> ,152	<i>Larinus aeruginosus</i> ,166
<i>J. onopordi</i> ,136	<i>L. pallidipennis</i> ,152	<i>L. arabicus</i> ,166
<i>J. onopordi</i> var. <i>algerica</i> ,136	<i>L. stenostoma</i> ,152	<i>L. centaureae</i> ,166
<i>J. onopordi andreae</i> form	<i>L. trigemina</i> ,152	<i>L. cynarae</i> ,166
<i>luteogramma</i> ,136	<i>Labidura riparia</i> ,62	<i>L. glabrirostris</i> ,166
<i>J. onopordi sovitzii</i> var.	LABIDURIDAE,62	<i>L. latus</i> ,166
<i>carinuloza</i> ,136	<i>Laccotrephes fabricii fabricii</i> ,	<i>L. liliputanus</i> ,166
<i>J. onopordi sovitzii</i> var.	76	<i>L. minutus</i> ,166
<i>xanthographa</i> ,136	<i>L. griseus</i> ,76	<i>L. onopordi</i> ,166
<i>J. ormarensis</i> ,136	LACHNIDAE,119	<i>L. onopordi</i> var. <i>maculatus</i> ,
<i>J. proxima</i> ,136	<i>Lachnus biotae</i> ,119	166
<i>J. speculifera</i> ,136	<i>L. juglandicola</i> ,100	<i>L. onopordi</i> var. <i>numidicus</i> ,
<i>J. straussi</i> ,136	<i>L. rileyi</i> ,119	166
<i>J. sulcata</i> ,136	<i>L. roboris</i> ,119	<i>L. sp. nr. sibiricus</i> ,166
<i>J. variolaris</i> ,137	<i>L. salignis</i> ,119	<i>L. syriacus</i> ,166
<i>J. variolaris frey-gessneri</i> ,137	<i>L. swirskii persicus</i> ,119	<i>L. turbinatus</i> ,166



- Lepus arabicus*, 8  
*L. arabicus craspedotus*, 8  
*L. capensis*, 8  
*L. capensis astaricus*, 8  
*L. capensis cheybani*, 8  
*L. capensis habibi*, 8  
*L. capensis lehmanni*, 8  
*L. capensis petteri*, 8  
*L. dayanus cannori*, 8  
*L. europaeus*, 8, 259  
*L. europaeus cannori*, 8  
*L. europaeus iranensis*, 8  
*L. europaeus syrensis*, 8  
*L. tolai*, 8  
*L. tolai desertorum*, 8  
*L. tolai turcomanus*, 8  
*Lethocerus cordofana*, 70  
*Lethrus acutanulatus*, 189  
*Leucania extranea*, 220  
*L. obsoleta*, 219  
*L. putrescens*, 220  
*L. unipuncta*, 220  
*L. zae*, 220  
*Leucaspis archangelskyae*, 117  
*L. epidaurica*, 115  
*L. hydrangeae*, 115  
*L. japonica*, 115  
*L. kermanensis*, 117  
*L. leonardi*, 114  
*L. pereti*, 114  
*L. pusilla*, 114  
*L. riccae*, 115  
*Leucochlena muscosa*, 219  
*Leucochloe daplidice*, 231  
*L. glaucomone*, 232  
*Leucoma wiltshieri*, 212, 257, 267  
*Leucopis palumbi*, 246  
*L. puncticornis*, 246  
*Leucoptera aceris*, 213  
*L. malifoliella*, 213  
*L. pistaciae*, 213  
*L. scitella*, 213, 272  
*Leucostoma crassa*, 256  
*Levantina dschulfensis*, 12  
*L. dschulfensis* var. *mazanderanensis*, 12  
*Levantina escheriana*, 12  
*Libythea celtis*, 202  
*Licophotia ypsilon*, 222  
*Liebstadia* sp., 18  
LIMACIDAE, 12  
*Limax keyserlingi*, 13  
*Limenitis camilla*, 225  
*L. reducta*, 225  
*L. reducta mirzayani*, 225  
*L. rivularis*, 225  
*Limnesia* sp., 35  
LIMNESIIDAE, 35  
LIMNOBATIDAE, 71  
*Limonius minutus*, 173  
*Limothrips angulicornis*, 67  
*L. cerealium*, 67  
*Lindorus lophanthus*, 158  
*Linneamya neavi*, 248, 256  
*L. vulpina*, 256  
LINOGNATHIDAE, 64  
*Linognathus ovillus*, 64  
*L. pedalis*, 64  
*L. setosus*, 64  
*L. stenopsis*, 64  
*L. vituli*, 65  
*Liocleonus clattratus*, 166  
*Liogryllus bimaculatus*, 52  
*Liophloeothrips hungaricus*, 66  
*Liorhysus hyalinus*, 81  
*Liosomaphis berberidis*, 94  
*Liothrips jakhontovi*, 66  
*L. reuteri*, 66  
*Lipaphis erysimi*, 94  
*L. lepidii*, 94  
LIPARIDAE, 209  
*Liparis salicis*, 213  
*Lipeurus caponis*, 64  
*L. heterographus*, 63  
*Lipoptena cervi*, 249  
LIPOSCELIDAE, 63  
*Liposcelis divinatorius*, 63  
*Liriomyza cicerina*, 243, 266, 272  
*L. congesta*, 243  
*L. trifolii*, 243  
LITHOCOLLETIDAE, 207, 209  
*Lithocolletis alniella*, 209  
*L. alnifoliella*, 209  
*L. betulae*, 209  
*L. blancardella*, 209  
*L. citricola*, 230  
*L. corylifoliella*, 209  
*L. faginella*, 210  
*L. platani*, 210, 265, 270, 272  
*L. pomifoliella*, 209  
*L. populi*, 210  
*L. populifoliella*, 210  
*L. salicicolella*, 210  
*L. salicicola*, 210  
*L. sp.*, 272  
*L. turanica*, 210  
*Lithosia quadra*, 199  
*Lithostege flavicornata*, 205  
*Lithurgus chrysurus*, 276  
*L. tibialis*, 276  
*Lixus aberratus*, 166  
*L. acupictus*, 166  
*L. algirus*, 166  
*L. angustatus*, 166  
*L. ascanii*, 166  
*L. astrachanicus*, 166  
*L. cardui*, 166  
*L. circumcinctus*, 166  
*L. cylindricus*, 166  
*L. cylindrus*, 166  
*L. filum*, 166  
*L. flavescens*, 166  
*L. incanescens*, 167, 266, 279  
*L. incarnatus*, 167  
*L. inquinatus*, 167  
*L. iridis*, 167  
*L. linnei*, 167  
*L. ochraceus*, 166  
*L. pollinosus*, 166  
*L. pubereus*, 166  
*L. sicanus*, 166  
*L. subtilis*, 167  
*L. turbatus*, 167  
*L. virens*, 166  
*Ljania* sp., 33  
*Lobesia botrana*, 228  
*L. reliquana*, 228

- Lobesia rosmarinana*, 228  
*Locusta albifrons*, 56  
*L. danica*, 43  
*L. fusca*, 51  
*L. liliifolia*, 58  
*L. migratoria*, 43, 179, 252  
*L. migratoria danica*, 43  
*L. migratoria migratoria*, 43  
*L. migratoria rossica*, 43  
*L. tessellata*, 58  
*L. thymifolia*, 58  
*L. varipes*, 39  
*L. viridissima*, 58  
 LOCUSTIDAE, 38  
*Lonchaea aristella*, 249  
 LONCHAEIDAE, 249  
*Longicaudus trirhodus*, 94  
*Longiunguis pyrrarius*, 94  
*Lopholeucaspis japonica*, 115  
*Lophopompilus* sp., 277  
*Lorryia bedfordensis*, 23  
*L. formosa*, 23  
*L. woolleyi*, 23  
*Loxostege nudalis*, 235  
 LUCANIDAE, 175  
*Lucanus orientalis*, 175  
*Luperina ferrago*, 219  
*Luperus oglobini*, 153  
*L. orientalis*, 153  
*Lycaena argiades*, 210  
*L. argiades parrhasius*, 210  
*L. boeticus*, 210  
*L. loewii*, 210  
*L. loewii bathensfeldi*, 211  
*L. loewii grossi*, 211  
*L. loewii hofmanni*, 211  
*L. medon*, 211  
 LYCAENIDAE, 210  
*Lycaenopsis argiolus*, 210  
*Lycia hirtarius*, 204  
*Lycophotia saucia*, 221  
 LYCORIIDAE, 249  
 LYCTIDAE, 175  
*Lyctocoris campestris*, 69  
*Lyctus brunneus*, 175  
*L. covicollis*, 175  
*Lyctus linearis*, 175  
*Lydella thompsoni*, 256  
*Lydus collaris*, 178  
*L. praeustus*, 178  
*L. praeustus form hauseri*, 178  
*L. praeustus stigmatifrons*, 178  
*L. tarsalis form ceraster*, 178  
*L. tenuicollis*, 178  
*L. tenuitarsis*, 178  
*L. tenuitarsis davatchii*, 178  
*L. turcicus rufus*, 178  
*L. unicolor form halbhuberi*, 178  
 LYGABIDAE, 72  
*Lygaeosoma reticulatum*, 72  
*Lygaeus campestris*, 74  
*L. equestris*, 72  
*L. familiaris*, 72  
*L. militaris*, 73  
*L. pandurus*, 73  
*L. punctato-guttatus*, 73  
*L. saxatilis*, 73  
*L. venustus*, 72  
*Lygephila cracca*, 219  
*Lygus pratensis*, 74  
*L. rubricatus*, 74  
*L. rugulipennis*, 74  
*Lymantria amabilis*, 212  
*L. destituta*, 212  
*L. dispar*, 212, 255, 265, 266, 273, 275  
*L. komarovi*, 212  
*L. lapidicola*, 212  
*L. lapidicola mardina*, 212  
*Lymantrichneumon disparis*, 275  
 LYMANTRIIDAE, 209, 211  
*Lynchia maura*, 249  
*Lyonetia acreella*, 213  
*L. clerkella*, 213  
 LYONETIIDAE, 213  
*Lyrotyloides viridis*, 43  
*Lyrotylus kermanicus*, 43  
*L. modestus*, 43  
*L. persicus*, 43  
*Lysiphlebus ambiguus*, 263  
*Lysiphlebus fabarum*, 263  
*Lythria purpuraria*, 205  
*L. purpurata*, 205  
*Lytta aptabilis*, 178  
*L. coccinea*, 178  
*L. menetriesi*, 178  
*L. suturifera*, 178  
 LYTTIDAE, 175  
*Macaria aestimaria*, 206  
*M. rippertaria*, 206  
*M. syriacaria*, 206  
*M. syriacaria tenuiata*, 206  
*Maccevethus caucasicus*, 81  
*M. sp.*, 82  
*Macdunnoughia confusa*, 219  
*M. ni*, 224  
*Macquartia tessellum*, 256  
*Macrocentrus collaris*, 266  
*Macrocerus marginatus*, 271  
*Macroglossum stellatarum*, 239  
*Macroneura muellneri*, 273  
*Macropodaphis rechingeri*, 100  
*Macropsis unicolor*, 104  
*Macroscytus brunneus*, 71  
*Macrosiphoniella absinthii*, 94  
*M. arbrotani*, 94  
*M. artemisiae*, 94  
*M. bedfordi*, 94  
*M. chamomillae*, 94  
*M. chrysanthemi*, 94  
*M. helichrysi*, 94  
*M. medvedevi*, 94  
*M. millefolii*, 94  
*M. oblonga*, 94  
*M. papillata*, 94  
*M. pulvera*, 94  
*M. sanborni*, 94  
*M. sejuncta*, 94  
*M. tanacetaria*, 95  
*M. tapuskae*, 95  
*M. tuberculatum*, 95  
*M. usquertensis*, 95  
*Macrosiphum arundinis*, 95  
*M. avenae*, 98  
*M. cholodovskyi*, 95  
*M. euphorbiae*, 95

- Macrosiphum funestum*,95  
*M. gei*,95  
*M. graminum*,95  
*M. granarium*,98  
*M. pisi*,95  
*M. rosae*,95  
*M. solani*,95  
*Macrosteles devastans*,104  
*M. didymus*,104  
*M. forficula*,104  
*M. laevis*,103,104  
*M. quadripunctulatus*,104  
*M. ramigera*,104  
*M. sexnotatus*,104  
 MACROSTELINIDAE,119  
*Macrotoma scutellaris*,146  
*Maculosalia maculosa*,256  
*Madotrogus bicolor*,189  
 MALACHIIDAE,175  
*Malachius aeneus*,175  
*M. ambiguus*,175  
*M. bipustulatus*,175  
*M. dissimilis*,175  
*M. securiolatus*,175  
*M. versicolor*,175  
*Malacocoris chlorizans*,74  
*Malacosoma bilineatus*,208  
*M. castrensis*,208  
*M. castrensis kirghisica*,208  
*M. neustria*,208  
*M. neustria paralella*,209,255  
*Mallada derbendica*,126  
*M. flavifrons*,126  
 MALLOPHAGA,63  
*Mallosia herminae*,146  
*M. mirabilis*,146  
*Malorchus hircus*,146  
*M. kiessenwetteri*,146  
*M. minor*,146  
*M. unbellatarum*,146  
*Mamestra brassicae*,219  
*M. dysodea*,219  
*M. dysodea innocens*,219  
*M. oleracea*,219,255  
*M. praedita*,219  
*M. trifolii*,216  
*Mamestra w-latinum*,219  
 MAMMALIA,2  
*Manduca atropos*,238  
*Mania maura*,220  
 MANTIDAE,60  
*Mantis religiosa*,60  
*Marasmarcha* sp.,233  
*Margarodes tritici*,120  
 MARGARODIDAE,120  
*Margelana versicolor*,219  
*Marietta picta*,262  
*M. zebrata*,262  
*Marsipiophora christophi*,219  
*Maruca testulalis*,235  
*Marumba quercus*,239  
*M. quercus schirazi*,239  
*Maurodactylus albidus*,75  
*Mecidea pallida*,79  
*Mecinus* sp. nr. *pyraister*,167  
*Mecyna gibbata*,234  
*Medecticus assimilis*,57  
*Medoralis pomi*,89  
*Megabombus argilaceus*,263  
*Megachile analis*,276  
*M. argentata*,276  
*M. cancinna*,276  
*M. ericetarum*,276  
*M. flavipes*,276  
*M. maritima*,276  
*M. rotundata*,276  
*M. rufipes*,276  
*M. sericans*,276  
*M. terminata*,276  
 MEGACHILIDAE,276  
*Megalodontes olivieri*,277  
 MEGALODONTIDAE,277  
*Megalonotus sabulicola*,73  
*Megamecus* sp.,167  
*Meganthidium christophii*,277  
*Megascolia flavifrons haemorhoidalis*,280  
*Megastigmus pistaciae*,278,  
 283  
*Megninia cubitalis*,24  
*Megophthalmus scabripennis*,  
 104  
*Megopsis scabricornis*,146  
*Megoura viciae*,95  
*Megurella* sp.,95  
*Meiginia mutabilis*,256  
*Melampsalta caspica*,107  
*M. musiva*,107  
*M. sinuatipennis*,107  
*Melanagromyza schineri*,243  
*Melanaphis donacis*,95  
*M. pyraister*,94  
*M. sacchari*,95  
*Melanargia evartianae*,236  
*M. galathea*,236  
*M. hylata*,236  
*M. larissa*,236  
*M. papygia*,236  
*M. russiae*,236  
*M. titea teneates*,236  
*Melanaspis inopinata*,115,157,  
 270  
*M. lauristanicus*,115  
 MELANIIDAE,13  
*Melanocoryphus superbus*,73  
*Melanophila acuminata*,137  
*M. appendiculata*,137  
*M. cuspidata*,137  
*M. decastigma*,137  
*M. jakovlevi*,137  
*M. picta*,137  
*M. picta decastigma* form  
*caucasica*,137  
*M. picta decastigma* form  
*eriwana*,137  
*M. picta decastigma* form  
*fascigera*,137  
*M. picta decastigma* form  
*formosula*,137  
*M. picta decastigma* form  
*multinotata*,137  
*M. picta picta*,137  
*M. picta picta* form *chod-*  
*shentica*,137  
*M. picta picta* form *extre-*  
*mula*,137  
*M. picta picta* form *iljini*,137  
*M. picta picta* form *kulti*,137

- Melanophila picta picta* form  
*tedshenica*, 137  
*Melanopsis praemorse*, 13  
*Melanotmethis fuscipennis*, 43  
*M. fuscipennis fuscipennis*, 43  
*M. fuscipennis unicolor*, 43  
*Melanotus brunnipes*, 173  
*Melanthrips fuscus*, 65  
*M. pallidior*, 65  
*Melasoma populi*, 153  
*M. saliceti*, 153  
*M. tremulae*, 153  
*Meleageria daphnis brandti*,  
236  
*M. daphnis marcida*, 236  
*Melicharella porxima*, 104  
*Melichares agilis*, 28  
*Melicleptria scutosa*, 219  
*Meligethes aeneus*, 184  
*Melitaea arduinna*, 225  
*M. casta*, 225  
*M. cinxia*, 225  
*M. cinxia kasyi*, 225  
*M. didyma*, 225  
*M. gina elbursicola*, 225  
*M. gina gina*, 225  
*M. gina safavides*, 226  
*M. hafiz*, 226  
*M. hafiz darius*, 226  
*M. hafiz pfeifferi*, 226  
*M. persa*, 226  
*M. phoebe*, 226  
*M. phoebe abbas*, 226  
*M. sarvistana*, 226  
*M. transcaucasica kendeavana*,  
226  
*M. transcaucasica maculata*,  
226  
*M. transcaucasica wernickei*,  
226  
*M. trivialis*, 226  
*M. trivialis wyatti*, 226  
*Melitta leporina*, 277  
MELITTIDAE, 277  
*Melitturga clavicornis*, 260  
*Meloboeus ametystinus*, 137  
*Meloboeus cyaneus*, 137  
*M. robustus*, 138  
*M. robustus* form *obscurus*,  
138  
*Meloe cavensis*, 178  
*M. cicatricosus*, 178  
*M. erythrocnemus*, 178  
*M. olivieri*, 178  
*M. proscarabaeus*, 178  
*M. variegatus*, 178  
MELOIDAE, 175  
*Melolontha aceris*, 189  
*M. alba*, 189  
*M. albidia*, 189  
*M. albidicutis*, 189  
*M. hippocastani*, 189  
*M. kraatzi*, 189  
*M. kraatzi persica*, 189  
*M. pectoralis*, 189  
*M. tibialis*, 189  
*M. vulgaris*, 189  
*Melophagus ovinus*, 249  
MELYRIDAE, 183  
*Melyris oblonga*, 183  
MEMBRACIDAE, 120  
*Menacanthus stramineus*, 63  
*Menaccarus arenicola*, 79  
*M. sp. nr. divaricatus*, 79  
*Menochilus sexmaculatus*, 158  
*Menopon biseratum*, 63  
*M. gallinae*, 63  
*M. pallidulum*, 63  
*M. stramineus*, 63  
MENOPONIDAE, 63  
*Meoneura* sp., 250  
*Meopronematus sepasgosaria-*  
*ni*, 24  
*Mercetaspis calligoni*, 115  
*Meriones ambrosius*, 4  
*M. blackleri*, 5  
*M. blackleri blackleri*, 4  
*M. crassus*, 4, 258, 259  
*M. crassus charon*, 4  
*M. crassus zarudnyi*, 4  
*M. erythrourus*, 4  
*M. erythrourus caucasicus*, 5  
*Meriones erythrourus farsi*, 5  
*M. erythrourus maxeratis*, 5  
*M. hurrianae*, 5, 259  
*M. hurrianae hurrianae*, 5  
*M. iranensis*, 5  
*M. libycus*, 5, 31, 258, 259, 260  
*M. meridianus*, 5, 258, 259  
*M. persicus*, 5, 30, 31, 32, 258,  
259, 260  
*M. persicus ambrosius*, 5  
*M. persicus gurganensis*, 5  
*M. persicus persicus*, 5  
*M. spp.*, 30  
*M. tristrami*, 5, 259  
*M. vinogradovi*, 5, 258, 259  
*M. zarudnyi*, 4  
*Meromyza cerealium*, 247  
*M. facialis*, 247  
*M. nigriventris*, 247  
*M. saltatrix*, 247  
MEROPIDAE, 1  
*Merops apiaster*, 1  
*M. orientalis*, 1  
*M. supercilliosus*, 1  
*Merulempista cingilella*, 234  
*Mesochorus* sp., 266  
*Mesocricetus auratus*, 4  
*M. auratus brandti*, 4  
*Mesophantia pallens*, 118  
*Mesosa curculionoides*, 146  
*M. oculata*, 146  
*Mesostena laevicollis*, 196  
*M. puncticollis*, 196  
MESOSTIGMATA, 25  
*Messor caudatus*, 274  
*M. dentatus*, 274  
*M. ebeninus*, 274  
*M. muticus*, 274  
*Metallopha liturata*, 219  
*Metaphycus heborus*, 271  
*M. lounburgi*, 271  
*M. punctipes*, 271  
*M. stanleyi*, 271  
*Metaporina leucodice illumina*,  
232  
METASTIGMATA, 29



- Metasyrphus corollae*,254  
*M. latifasciatus*,254  
*Meteorus decoloratus*,266  
*M. mesopotamicus*,266  
*M. pulchricornis*,266  
*M. rubens*,266  
*Metophonus davatchii*,141  
*M. scharifi*,141  
*M. scharifi abalisensis*,141  
*Metopoceras omar*,219  
*Metopolophium dirhodum*,95  
*M. festucae*,95  
*Metoponrhis albirens*,219  
*Metrioptera affinis*,57  
*M. capitata*,57  
*M. intermedia*,57  
*M. iranica*,57  
*M. persica*,57  
*M. trivittata*,58  
*M. vittata*,58  
*M. vittata vittata*,58  
*Metromerus coelesyriensis*,49  
*M. coelesyriensis angustae*,49  
*M. coelesyriensis carbonaria*,  
49  
*M. coelesyriensis coelesyr-*  
*iensis*,50  
*M. coelesyriensis intricatus*,50  
*Miarus distinctus*,167  
*Micrapis florea*,263  
*Microbiston turanicus*,205  
*Microbracon brevicornis*,265  
*M. hebetor*,266  
*Microceroterme buettikeri*,61  
*M. diversus*,61  
*M. gabrielis*,62  
*M. sp. nr. pakistanicus*,62  
*Microchelonus contractor*,265  
*Microdaccus escalerae*,141  
*M. opacicolor evavartianae*,  
141  
*M. pallidicolor*,141  
*Microgaster glomeratus*,265  
*Microlophium evansi*,95  
*Microloxia bruandaria*,205  
*M. herbaria*,205  
*Microloxia herbaria advolata*,  
205  
*Micromerus francicus*,178  
*M. iranicus*,178  
*Micromus sp.*,127  
*Microphthalma europaea*,256  
*Microplites sp.*,266  
*Microtermes sp. nr. unicolor*,  
62  
*M. sp. prob. najdensis*,62  
*Microterys lunatus*,271  
*Microtus afghanus*,5  
*M. arvalis*,5  
*M. arvalis khorkotensis*,5  
*M. arvalis mystacinus*,5  
*M. arvalis transcaspicus*,5  
*M. hyrcania*,5  
*M. irani*,5  
*M. nivalis*,5  
*M. persicus*,30  
*M. socialis*,6,30  
*M. socialis paradoxus*,6  
*Microtypus sp.*,266  
*Micruracarus octagonus*,32  
MIDEOPSIDAE,35  
*Mideopsis orbicularis*,35  
*Mikiola fagi*,245  
MILICHIIDAE,249  
*Mimas tiliae*,239  
*Mindarus abietinus*,124  
*Minucia bimaculata*,219  
*M. bimaculata pulchrior*,220  
*M. lunaris*,220  
*M. tirhaca*,214  
*Minyops carinatus*,167  
*M. rugosus*,167  
*M. variolosus*,167  
*Mioscirtus wagneri*,43  
*M. wagneri rogenhoferi*,43  
*M. wagneri wagneri*,43  
*M. wagneri warentzovi*,43  
*Miramia perpolita*,43  
MIRIDAE,73  
*Miris persicus*,75  
*Miselia dissimilis*,220  
*M. nebulosa*,220  
*Miselia w-latinum*,219  
*Mixosperchon aftalipouri*,36  
*Mizonocara inornata*,43  
*M. inornata inornata*,43  
*Mogangella secundaria*,104  
MOLLUSCA,11  
*Molothrognathus fulgidus*,33  
*M. minutus*,33  
*Monacha schotti*,12  
*Monanthia aliena*,84  
*Monima caecimaculata*,221  
*M. gothica*,221  
*M. gracilis*,221  
*M. incerta*,221  
*M. instabilis*,221  
*Monochamus sutor*,146  
*Monocladium iranicum*,146  
*Monocleonus anxius*,167  
*M. signaticollis*,167  
*Monomorium salomonis*,274  
*Monophadnus elongatulus*,283  
*Monosteira discoidalis*,84  
*M. inermis*,84  
*M. scrophicus*,84  
*M. unicostata*,84  
*Monothrobium simplicium*,37  
MORDELLIDAE,183  
*Mordellistena pumila*,183  
*Morimus verecundus*,146  
*Mormo maura*,220  
*Mormonia mesopotamica*,220  
*M. neonympha*,220  
*M. neonympha syriaca*,220  
*M. sponsa*,220  
*Mormoniella vitripennis*,278  
*Motist sp.*,278  
MURIDAE,8  
*Mus bacterianus severtzovi*,9  
*M. musculus*,9,30,31,32,34,  
258,259  
*M. musculus bacterianus*,9  
*M. musculus kaleh-peninsul-*  
*laris*,9  
*M. musculus musculus*,9  
*M. musculus praetextus*,9  
*M. musculus wagneri*,9

- Mus terrestris*, 3  
*Musca domestica*, 250, 267, 278, 281  
*Muscaria puncticollis*, 146  
MUSCIDAE, 250  
*Muscidifurax raptor*, 278  
*Mustha gigantea*, 79  
*M. incana*, 79  
*M. morgani*, 79  
*M. spinosula*, 79  
*Mutilla littoralis*, 277  
MUTILLIDAE, 277  
MYCETOPHAGIDAE, 183  
*Mycobatus* sp., 18  
*Mycterodus astragalius*, 118  
*M. demavendinus*, 118  
*M. krameri*, 118  
*Myelois ceratoniae*, 230  
*M. circumdatella*, 230  
*M. cryptaria*, 230  
*M. phoenicis*, 230  
*M. pumicosa*, 230  
*Myiopardalis pardalina*, 257  
*Mylabris apicenigera*, 178  
*M. audouini*, 178  
*M. beckeri*, 178  
*M. biguttata*, 178  
*M. bimaculata*, 178  
*M. bipunctata*, 179  
*M. calida*, 179  
*M. calida* form *maculata*, 179  
*M. calida* form *pseudomaculata*, 179  
*M. cincta*, 179  
*M. cincta* form *lateripuncta*, 179  
*M. cincta* form *pseudocincta*, 179  
*M. cincta schrenki*, 179  
*M. cinctoides*, 179  
*M. colligata*, 179  
*M. concolor*, 179  
*M. crocata*, 179  
*M. crocata* form *brunnea*, 179  
*M. crocata 10-punctata*, 179  
*M. decempunctata*, 179  
*Mylabris dejeani*, 179  
*M. dokhtouroffi* form *coele-scens*, 179  
*M. doriai*, 179  
*M. doriai* form *alpha*, 179  
*M. doriai* form *bodoi*, 179  
*M. doriai* form *boettcheri*, 179  
*M. excisofasciata* form *anticebimaculata*, 179  
*M. fabricii*, 180  
*M. fimbriata*, 180  
*M. frovoli*, 180  
*M. fusca*, 180  
*M. geminata*, 180  
*M. groschkei*, 180  
*M. guerini*, 180  
*M. hemprichi*, 180  
*M. humerosa*, 180  
*M. interrupta*, 180  
*M. javeti*, 180  
*M. javeti* form *haratensis*, 180  
*M. laticollis*, 180  
*M. laticollis* form *davatchii*, 180  
*M. laticollis* form *gharibi*, 180  
*M. laticollis* form *mirzayani*, 180  
*M. magnoguttata*, 180  
*M. magnoguttata iranica*, 180  
*M. marginata*, 180  
*M. metatarsalis*, 180  
*M. olivieri*, 180  
*M. paumpicta*, 180  
*M. pierrei*, 181  
*M. polymorpha*, 181  
*M. posticalis*, 181  
*M. posticalis* form *shushana*, 181  
*M. pseudounicolor*, 181  
*M. quadripunctata*, 181  
*M. quadripunctata* form *armeniaca*, 181  
*M. quadripunctata* form *delta*, 181  
*M. quatuordecimpunctata*, 181  
*M. scabiosae*, 181  
*Mylabris scabiosae djiroftana*, 181  
*M. scabiosae euphratica*, 181  
*M. schah*, 181  
*M. schah* form *anticebinotula*, 181  
*M. schah* form *anticetrinotula*, 181  
*M. schah* form *famurii*, 181  
*M. schah* form *morosa*, 181  
*M. schah* form *postluteo-disjuncta*, 181  
*M. schah* form *postluteo-reducta*, 181  
*M. schah* form *pseudoputeo-reducta*, 182  
*M. schah* form *pseudotenebrosa*, 182  
*M. schauffelei*, 182  
*M. schrenki*, 182  
*M. sedecimpunctata klugi*, 182  
*M. sexmaculata lederei*, 182  
*M. syriaca*, 182  
*M. syriaca* form *leseleuci*, 182  
*M. syriaca* form *smyrensis*, 182  
*M. tekkensi*, 182  
*M. tenebrosa*, 182  
*M. tenebrosa* form *dama-scena*, 182  
*M. triangulifera*, 182  
*M. triangulifera reuteroides*, 182  
*M. 11-notata turkestanica*, 182  
*M. undecimpunctata*, 182  
*M. unicolor*, 182  
*M. variabilis*, 182  
*M. variabilis lacera*, 182  
*M. zebraea*, 182  
*Myllocerinus cylindricollis*, 167  
*Myllocerus cylindricollis*, 167  
MYMARIDAE, 277  
*Myndus musivus*, 107  
*Myocastor coypus*, 10  
MYOCASTORIDAE, 10  
*Myomimus personatus*, 10





- Ochropleura squalorum*, 221  
*Ochrostigma moayeri*, 224  
*Ochsenheimeria taurella*, 227  
 OCHSENHEIMERIIDAE, 227  
 OCHTERIDAE, 76  
*Ochterus marginatus*, 76  
 OCHTHIPHILIDAE, 246  
*Ocladius salicorniae*, 167  
*Ocneria audeoudi*, 212  
*O. dispar*, 80, 141, 267  
*O. hispida*, 212  
*O. poenitens*, 267  
*O. rubea*, 212  
*O. signatoria*, 212  
*O. signatoria poenitens*, 212  
*O. terebinthina*, 212, 267  
*Ocnerogyia amanda*, 212, 255, 267, 284  
*Ocnogyia loewii*, 200  
*Ocys elburzensis*, 197  
*O. ledouxi*, 197  
*O. soleymanensis*, 197  
*Odacantha angulata*, 184  
*O. angustata*, 184  
*O. melanura*, 184  
 ODACANTHIDAE, 184  
*Odagmia caucasicum*, 253  
*O. ornata*, 253  
*O. variegata*, 253  
*Odonaspis panici*, 115  
*O. penicillata*, 115  
*O. secreta*, 115  
*Odontocarus ocygonus radjabii*, 174  
*Odontonyx elburzensis*, 141  
*Odontosphodrus esfandiarii*, 185  
*Odontotarsiellus esfandiarii*, 83  
*Odontotarsus impictus*, 83  
*O. impictus* var. *mendex*, 83  
*O. oculatus*, 83  
*O. plicatulus*, 83  
*O. purpurleolineatus*, 83  
*O. robustus*, 83  
*Odontothrips confusus*, 67  
*O. phaleratus*, 67  
*Odontothrips phlomidinus*, 67  
*O. uzeli*, 67  
*Odontura vittata*, 57  
*Odynerus grandis*, 273  
 OECANTHIDAE, 52  
*Oecanthus angustipennis*, 52  
*O. pellucens*, 52  
*O. turanicus*, 53  
*Oedaleus decorus*, 44  
*O. infernalis*, 44  
*O. nigrofasciatus*, 44  
*O. senegalensis*, 44  
*Oedemera femorata*, 184  
*O. penicillata*, 184  
 OEDEMERIDAE, 184  
*Oedipoda coerulescens*, 44  
*O. germanica*, 44  
*O. germanica meridionalis*, 44  
*O. miniata*, 44  
*O. miniata miniata*, 44  
*O. rubescens*, 47  
*O. schochi*, 44  
*O. schochi caucasica*, 44  
*O. spp.*, 282  
*O. tricarinatus*, 39  
*Oenas crassicornis*, 182  
*O. tenuicornis*, 182  
*O. wilhelmsi*, 182  
*Oenistis quadra*, 199  
 OENOPHILIDAE, 227  
*Oenophytira pilleriana*, 242  
*Oenopia conglobata*, 159  
*O. conglobata contaminata*, 159  
*O. oncina*, 159  
*O. oncina addicata*, 159  
 OESTRIDAE, 250  
*Oestrus macdonaldi*, 250  
*O. ovis*, 250  
*O. variolosus*, 250  
*Ogygia hyrcana*, 221  
*O. nachadira*, 221  
*O. orientis*, 221  
 OINOPHILIDAE, 227  
*Oledulia tamaricis*, 20  
*Olethreutes variegana*, 227  
 OLETHREUTIDAE, 227, 241  
*Oliarius bitinctus*, 107  
*O. concolor*, 107  
*O. lindbergi*, 108  
*O. melanochaetus*, 107  
*O. nigrofurcatus*, 107  
*O. pallens*, 107  
*O. quinquecostatus*, 107  
*Oligonychus afrasiaticus*, 22  
*O. coffeae*, 21  
*O. judihac*, 21  
*O. zeae*, 21  
*Oligotetranychus bicolor*, 21  
*O. gutierrezii*, 21  
*O. platani*, 22  
*O. sacchari*, 22, 26, 27, 161  
*Olivierina extensa*, 127  
*Olla* sp., 159  
*Olygonychus bicolor*, 21  
*O. gutierrezii*, 21  
*O. platani*, 22  
*Omanocoris variabilis*, 70  
*O. versicolor*, 70  
*Ommatidiotus binotatus*, 125  
*O. binotatus* var. *lybicus*, 125  
*Ommatissus binotatus*, 125  
*O. binotatus* var. *lybicus*, 125, 156, 157  
*Omophilus pilicollis*, 127  
*Omophilus betulae*, 127  
*O. caucasicus*, 127  
*O. lepturoides*, 127  
*Omorgus ensator*, 275  
*Oncocnemis erythropis*, 221  
*O. exacta*, 221  
*Oncotylus setulosus*, 75  
 ONISSIDAE, 37  
*Onitis humerosus*, 189  
*Onthophagus aleppensis*, 189  
*O. amyntans*, 189, 190  
*O. amyntans aspadanaensis*, 189  
*O. armentarius*, 190  
*O. fissicornis*, 190  
*O. flagrans*, 190  
*O. furcatus*, 190

- Onthophagus gibbosus*, 190  
*O. gibbosus* form *ochripennis*, 190  
*O. lucidius*, 190  
*O. mostafa-sairi*, 190  
*O. orbignyi*, 190  
*O. ruficapillus*, 190  
*O. speculifer*, 190  
*O. taurus*, 190  
*O. truchmenus*, 190  
*O. vacca*, 190  
*Onychapion tamaricis*, 163  
*Ooencyrtus nigerrimus*, 271  
*O. telenomicida*, 271  
*Oopristus safavii*, 284  
*Opadia funebrana*, 227  
*Opatroides punctulatus*, 196  
*Opatrum intermedium*, 196  
*O. sabulosum*, 196  
*O. tricarinatum*, 196  
*Opilo grandis*, 154  
*Opisthographis crataegata*, 205  
*O. luteolata*, 205  
*Opius monilicornis*, 266  
*O. sp.*, 266  
*Opomyza florum*, 250  
 OPOMYZIDAE, 250  
*Opsius cypriacus*, 105  
*O. dagestanicus*, 105  
*O. discessus*, 105  
*O. jucundus*, 105  
*O. pallasi*, 105  
*O. richteri*, 105  
*O. scutellaris*, 105  
*O. versicolor*, 105  
*Orchestes albopilosus*, 167  
*O. alni*, 167  
*O. calcar*, 167  
*O. fagi*, 167  
*O. fragariae*, 167  
*O. populi*, 167  
*O. quercus*, 167  
*O. rufus*, 167  
*O. testaceus*, 167  
*O. ulmi*, 167  
*Oreocys elburzensis*, 197  
*Oreocys ledouxi*, 197  
*O. soleymanensis*, 197  
*Orgilus obscurator*, 266  
*Orgyia antiqua*, 212  
*O. dubia*, 212  
*O. recens*, 212  
*Oria musculosa*, 221  
 ORIBATIDAE, 18  
*Orius albidipennis*, 69  
*O. hervathi*, 69  
*O. minutus*, 70  
*O. niger*, 70  
 ORMYRIDAE, 277  
*Ormyrus hungaricus*, 277  
*O. punctiger*, 277  
*Ornithodoros canestrinii*, 29  
*O. erraticus*, 29  
*O. lahurensis*, 29  
*O. papillipes*, 29  
*O. tartakovsky*, 29  
*O. tholozani*, 29  
*Ornithonyssus bacoti*, 25  
*Orosius albisinctus*, 105  
*Orphania elbursiana*, 55  
*Orthezia urticae*, 120  
 ORTHEZIIDAE, 120  
*Orthocercodes nesterovi*, 57  
*O. zarudnyi*, 57  
*Orthops campestris*, 75  
 ORTHOPTERA, 38  
*Orthosia caecimaculata*, 221  
*O. gothica*, 221  
*O. gracilis*, 221  
*O. incerta*, 221  
*Orthotomicus duplicatus*, 193  
*O. erosus*, 193  
*O. laricius*, 193  
*Orthotylus marginalis*, 75  
*Ortostixis cribaria*, 206  
*Oryctes agamemnon*, 172  
*O. agamemnon matthiesseni*, 172  
*O. ata*, 172  
*O. boas*, 172  
*O. desertorum*, 172  
*O. elegans*, 11, 172  
*Oryctes funesta*, 172  
*O. grypus*, 172  
*O. hindenburgi*, 172  
*O. illigeri*, 172  
*O. nasicornis*, 172  
*O. nasicornis afganisticus*, 172  
*O. nasicornis grypus*, 172  
*O. nasicornis iranascaspicus*, 172  
*O. nasicornis latipennis*, 172  
*O. nasicornis schiraticus*, 172  
*O. rhinoceros*, 172  
*O. richteri*, 172  
*O. sinaicus*, 172  
*O. zarudnyi*, 172  
*Oryzaephilus mercator*, 195  
*O. surinamensis*, 195, 264  
*Oscinella alopecuri*, 247  
*O. frit*, 247, 272, 278  
*O. nitidissima*, 247  
*O. pusilla*, 247  
 OSCINIDAE, 246  
*Oscinis pumilionis*, 246  
*Oscinosoma frit*, 247  
*Osmia coerulescens*, 277  
*O. coerulescens coerulescens*, 277  
*O. rufa*, 277  
*Osmoderma eremita*, 190  
*Osphranteria coerulescens*, 147, 267, 276  
*O. richteri*, 147  
*O. suaveolens*, 147  
 OSTOMATIDAE, 184  
 OSTOMIDAE, 184  
*Ostrinia nubilalis*, 235  
 OTTIDAE, 250  
*Otodectes cynotis*, 24  
*Otonycteris hemiptrichi*, 30  
*Oulobophora externata*, 206  
*Ourapteryx sambucaria*, 206  
*Ovatus cartaegarius*, 96  
*O. insitus*, 96  
*Oxya fuscovittata*, 44  
*O. nitidula*, 44

- Oxycarenus hyalinipennis*, 73  
*O. leucopterus*, 73  
*O. pallens*, 73  
*Oxyptilus* sp., 233  
*Oxysychus* sp., 278  
*Oxythrips ulmifoliorum*, 67  
*O. wilshirei*, 67  
*Oxythyrea cinctella*, 190  
*O. funeraria*, 190  
*O. funesta*, 190  
*O. natalis*, 190  
*O. stictica*, 190  
*Pachyagrotis ankarensis*, 221  
*Pachybrachys hyeroglyphicus*,  
153  
*Pachycerus cordiger*, 167  
*P. madidus*, 167  
*P. segnis*, 167  
*P. seriegranosus*, 168  
*P. varius*, 168  
*Pachymerus acaciae*, 131  
*P. pallidus*, 131  
*P. rolandri*, 72  
*Pachyneuron aphidis*, 279  
*P. concolor*, 279  
*P. muscarum*, 279  
*Pachypasa otus*, 209  
*Paczoskia meriodonalis*, 96  
*Paederus fuscipes*, 195  
*P. ilsae*, 195  
*P. litoralis*, 195  
*Paharia putoni*, 107  
*Paidia musina*, 200  
*Pales murina*, 256  
*Palimpsestis octogesima*, 241  
*P. ocularis*, 241  
*Palmaspis phoenicis*, 99  
*Palomena mursili*, 79  
*P. prasina*, 80  
*Palorus depressus*, 196  
*P. ratzeburgi*, 196  
PAMPHAGIDAE, 53  
*Panaxia quadripunctaria*, 200  
*P. quadripunctaria magna*, 200  
*P. quadripunctaria magra*,  
200  
*Panaxia quadripunctaria*  
*splendidon*, 200  
*Pandemis chondrillana*, 242  
*P. corykana*, 242  
*P. flavana*, 242  
*P. grossulariana*, 242  
*P. laevigana*, 242  
*P. ribeana*, 242  
*P. textana*, 242  
*Pandesma anysa*, 221  
*Panisopsis circularis*, 36  
*Panonychus citri*, 22  
*P. mori*, 22  
*P. ulmi*, 19, 22, 69, 70, 74, 75, 126,  
161  
*Pantilius tunicatus*, 80  
*Panurus politus*, 279  
*Papilio alexanor*, 228  
*P. demoleus*, 228  
*P. demoleus demoleus*, 228, 279  
*P. machaon*, 228  
*P. machaon* var. *asiatica*, 228  
*P. podalirius*, 228  
*P. podalirius persica*, 228  
PAPILIONIDAE, 228  
*Paracheyletia pyriformis*, 33  
*Paracletus ciciformis*, 121  
*Parachytus raddei*, 147  
*P. reitteri*, 147  
*P. reitteri* form *gilmouri*, 147  
*P. sexguttatus*, 147  
*Paraconophyma nana*, 44  
*P. pusilla*, 44  
*Paradrymadusa boquilloni*, 57  
*P. humeralis*, 57  
*P. kurda*, 57  
*P. miramae*, 57  
*P. rammei*, 57  
*P. siazovi*, 57  
*Parafieberiella olivacea*, 105  
*Parafrankliniella verbasci*, 67  
*Paragadaspis sarkissiani*, 115  
*Paragallia sinuata*, 105  
*Paragarmania dentritica*, 28  
*P. mali*, 29  
*Paragus aegyptius*, 254  
*Paragus bicolor*, 254  
*P. tibialis*, 254  
*Paraholaspis cothurnata*, 284  
*Paralitomastix varicornis*, 271  
*Parallelia algira*, 218  
*P. geometrica*, 218  
*Paramesus major*, 105  
*Parametriotes theae*, 203  
*Parandra caspica*, 147  
*Paranebria xanthacra khara-*  
*zii*, 183  
*Paranothrotres citimus*, 54  
*P. diamesus*, 54  
*P. gotvendicus*, 54  
*P. gotvendicus gotvendicus*, 54  
*P. gotvendicus rectus*, 54  
*P. ocellatus*, 54  
*P. opacus apicalis*, 54  
*P. opacus nigripes*, 54  
*P. opacus opacus*, 54  
*P. opacus ornatus*, 54  
*P. shelkovnikovi*, 54  
*P. tenuicornis sordidus*, 54  
*P. tenuicornis tenuicornis*, 54  
*Paranthrene tabaniformis*, 199  
*Paranysius fallaciosus*, 73  
*Parapalpaes solidus*, 127  
*Parapleurus alliaceus*, 44  
*P. alliaceus turanicus*, 44  
*Paraponyx nymphaeata*, 226  
*Pararcyptera microptera*  
*elbursiana*, 44  
*P. microptera transcaucasica*,  
45  
*Pararge aegeria*, 237  
*P. climene*, 237  
*P. maera*, 237  
*P. megaera*, 237  
*P. menava*, 237  
*P. roxelana*, 237  
*Parasarcophaga jakobsoni*, 252  
*Paraseiulus erevanicus*, 27  
*P. incognitus*, 27  
*P. jirofticus*, 27  
*P. kuzini*, 27  
*P. soleiger*, 27

- Paraseiulus subsoleiger*, 26  
 PARASITIDAE, 25  
*Parasitus americanus*, 25  
*P. hyalinus*, 25  
*Parastichtis basilinea*, 218  
*Paratetranychus afrasiaticus*, 22  
*P. citri*, 22  
*P. pilosus*, 22  
*Paratettix caucasicus*, 56  
*P. histricus*, 56  
*P. iranica*, 56  
*P. oblitteratus iranicus*, 56  
*P. uvarovi*, 56  
*Paregnathus moritzi*, 45  
*P. moritzi farsistanicus*, 45  
*P. salavatiani*, 45  
*P. saltator*, 45  
*Parlagna mc-kenzei*, 115  
*P. remaudierei*, 115  
*Parlatoresopsis longispinus*, 115  
*Parlatoria affinis*, 116  
*P. asiatica*, 115  
*P. blanchardi*, 115, 156, 157, 159, 160, 184, 261  
*P. calianthina*, 116  
*P. chinensis*, 115  
*P. crypta*, 115  
*P. ephedrae*, 115  
*P. lucassi*, 116  
*P. morrisoni*, 116  
*P. oleae*, 116, 126, 156, 157, 261, 262, 270, 271  
*P. pergandii*, 116, 261  
*P. proteus*, 116  
*P. sinensis*, 116  
*P. theae*, 116  
*P. victrix*, 115  
*P. zizyphus*, 116  
*P. zizyphi*, 18, 116, 261  
*Parmacella ibera*, 13  
*P. olivieri*, 13  
*Parnara mathias*, 208  
*Parnassius mnemosyne*, 228  
*P. mnemosyne adolphi*, 229  
*P. mnemosyne elbursia*, 229  
*Parnassius mnemosyne farsica*, 229  
*P. mnemosyne nubilosus*, 229  
*P. mnemosyne problematica*, 229  
*P. mnemosyne taleschensis*, 229  
*Parthenolecanium corni*, 109  
*P. deckeri*, 109  
*Passaloeus gracilis*, 281  
*Passer domesticus*, 2, 258  
*P. domesticus bacterianus*, 2  
*P. hispaniolensis*, 2  
*P. hispaniolensis transcaspicus*, 2  
*P. roseus*, 2  
 PASSERIFORMES, 1  
*Patapius spinosus*, 82  
*Patasson* sp., 277  
*Pausia magdalenae*, 24  
*Pausias martini*, 80  
*Pectinophora gossypiella*, 203  
*P. malvella*, 203  
*P. vilella*, 203  
*Pediculoides ventricosus*, 18  
 PEDICULOPSIDAE, 18  
*Pediculopsis* sp., 18  
*Pediculus hufali europaei*, 64  
*P. eurysternus*, 64  
*P. gallinae*, 63  
*P. spinulosa*, 64  
*P. suis*, 64  
*P. vituli*, 65  
*Pedostrangalia emmipoda*, 150  
*Pegomyia betae*, 244, 266, 272  
*P. hyoscyami*, 244  
 PELOGONIDAE, 76  
*Pelopoeus pictus*, 282  
*Pemphigella cornicularia*, 121  
 PEMPHIGIDAE, 120  
*Pemphiginus vesicalis*, 121  
*Pemphigus aedificator*, 120  
*P. affinis*, 121  
*P. borealis*, 121  
*P. bursarius*, 121  
*P. filaginis*, 121  
*Pemphigus fuscicornis*, 121  
*P. globosus*, 122  
*P. immunis*, 121  
*P. lichtensteini*, 121  
*P. passerini*, 122  
*P. pollidus*, 121  
*P. populi*, 121  
*P. protospirae*, 121  
*P. spirothecae*, 121  
*P. tortuosus*, 121  
*P. vesicalis*, 121, 160  
*Pemphredon lethifera*, 281  
*Penichroa fasciata*, 147  
*P. fasciata* form *brunnea*, 147  
*P. timida*, 147  
*Pennaseius tropicalis*, 27  
*Pentamerismus canadensis*, 20  
*Pentatoma juniperina*, 80  
 PENTATOMIDAE, 76  
 PENTHALEIDAE, 35  
*Penthaleus major*, 35  
*Penthalodes mytilaspidis*, 22  
*Pentodon algerinus*, 172  
*P. bispinifrons*, 172  
*P. idiota*, 172  
*P. monodon*, 172  
*P. persicus*, 172  
*P. sulcifrons*, 172  
*Pergesa elpenor*, 239  
*P. porcellus*, 239  
*P. suellus*, 239  
*Peribaea palaestina*, 256  
*Pericerya purchasi*, 120  
*Pericyma albidentaria*, 221  
*Peridroma margaritosa*, 221  
*P. saucia*, 221  
*Periphanes delphinii darallesi*, 221  
*Periphyllus acericola*, 102  
*P. aceris*, 102  
*P. lyropictus*, 102  
*P. obscurus*, 102  
*Periplaneta americana*, 59  
*P. australasiae*, 59  
*P. tartara*, 59  
*Periscepsia carbonaria*, 256



- Peritrechus angusticollis*, 73  
*P. gracilicornis*, 73  
*P. rhomboidalis*, 73  
*Perotis chlorana*, 138  
*P. cuprata* var. *capnodiformis*, 138  
*Perrisia fraxini*, 245  
*Persepolia columbaria*, 118  
*Peryphus parsorum*, 141  
*Petrobia latens*, 22  
*P. tunisiae*, 22  
*Petrovitzia vartianorum*, 141  
*Phacephorus nubeculosus*, 168  
*Phaeadoretus iranicus*, 190  
*P. schirasensis*, 190  
*Phaeonotus pulcher*, 45  
*Phalaena tortrix chlorana*, 229  
 PHALAEONIDAE, 229  
*Phalera bucephala*, 224  
*P. bucephala persica*, 224  
*P. bucephaloides*, 224  
 PHALONIIDAE, 229  
*Phaneroptera cretacea*, 57  
*P. falcata*, 57  
*P. falcatus*, 57  
*P. persica*, 58  
*P. quadripunctata*, 57  
*P. robusta*, 58  
*P. roseata*, 57  
*P. sinensis*, 57  
*Phanerotoma kaktay*, 266  
*P. masiana*, 266  
*P. ocularis*, 266  
*P. parva*, 266  
*Pharaonus varicolorus*, 190  
*Phaselia serrularia*, 202  
*Phasgoneura caudata*, 58  
*Phasia crassipennis*, 255  
*P. oblonga*, 255  
*P. rostrata*, 256  
*P. subcoleoptrata*, 256  
*Pheidole pallidula*, 274  
*P. teneriffana*, 274  
*Phenacoccus aceris*, 72, 123, 127, 155, 156, 159, 160, 270, 271  
*P. citri*, 245  
*Phenacoccus euphordiaefolius*, 123  
*P. farinosus*, 123  
*P. ficus*, 245  
*P. quercus*, 123  
*P. sherbinovskiyi*, 123  
*Philanthus triangulum*, 281  
 PHILOPTERIDAE, 63  
*Philopterus dentatus*, 64  
 PHLAEOTHRIPIDAE, 65  
*Phlaeothrips oryzae*, 66  
*Phlebotomus alexandri*, 250  
*P. ansarii*, 250  
*P. bergeroti*, 251  
*P. caucasicus*, 251  
*P. chinensis*, 251  
*P. chinensis longiductus?*, 251  
*P. elaeonae*, 251  
*P. jucucielii*, 251  
*P. kazeruni*, 251  
*P. keshishiani*, 251  
*P. langeroni*, 251  
*P. mesghali*, 251  
*P. mongolensis*, 251  
*P. papataci*, 251  
*P. perfilievi*, 251  
*P. salehi*, 251  
*P. sergenti*, 251  
*P. tobbi*, 251  
*Phlepsius intricatus*, 105  
*P. octopunctatus*, 105  
*P. ornatus*, 105  
 PHLOEOMYZIDAE, 122  
*Phloeomyzus passerini*, 122  
*P. redelei*, 122  
*Phloeosinus aubei*, 193  
*P. bicolor*, 193, 264, 266, 272, 273, 278  
*P. cupressi*, 193  
*P. schumensis*, 193  
*Phloeotribus oleae*, 193  
*P. oleiphilus*, 193  
*P. scarabaeoides*, 193  
*Phlogophora meticulosa*, 221  
*Phlyctaenodes nudalis*, 235  
*P. ustrinalis*, 235  
*Phobocampe* sp., 275  
 PHOENICOCCIDAE, 122  
*Phoenicoccus marlatti*, 122  
*Pholidoptera angustae*, 58  
*P. satunini*, 58  
*P. zebra*, 58  
*Phonapate frontalis*, 129  
*Phorbia penicillifera*, 244  
*Phorodon humuli*, 96  
*Phoroscymnus arabicus*, 159  
*P. ovoideus*, 159  
*P. pharoides*, 159  
*P. setulosus*, 159  
*P. sp.*, 159  
*Phradonoma nobile*, 171  
*Phragmataecia albida*, 202  
*P. arundinis*, 202  
*P. castaneae*, 202  
*P. territa*, 202  
*Phragmatiphila arundinis*, 220  
*Phragmatobia fuliginosa*, 200  
*P. placida*, 200  
*Phryxe namea*, 256  
*Phthorimaea heliopa*, 203  
*P. horticolella*, 204  
*P. ocellatella*, 204, 265  
*P. operculella*, 203, 284  
*P. solanella*, 203  
*Phyapus ater*, 67  
*Phycita samcella*, 230  
 PHYCITIDAE, 230  
*Phylla obtusum iranicum*, 141  
*Phyllaphis fagi*, 100  
*P. fagifoliae*, 100  
*P. grandifoliae*, 100  
*Phyllobius artemisiae*, 168  
*P. irroratus*, 168  
*P. pallidipennis*, 168  
*P. pyri*, 168  
*P. russicus*, 168  
 PHYLLOCNISTIDAE, 230  
*Phyllocnistis citrella*, 230  
*Phyllococephala albicornis*, 80  
*Phyllocoptes graniti*, 17  
*P. oleivorus*, 17  
*Phyllocoptruta calisalicensis*, 17

- Phyllocoptruta oleivora*, 17  
*Phylloidesma glasunovi*, 209  
*P. tremulifolia*, 209  
*Phyllostroma persae*, 59  
*P. polita*, 59  
*Phyllognathus excavatus*, 172  
*P. hauseri*, 173  
*P. silenus*, 172, 173  
*Phylloporpha laciniata*, 71  
*P. lacerata*, 70  
*Phyllonorycter blancardella*,  
74, 209, 272  
*P. corylifoliella*, 74, 209,  
265, 272  
*P. turanica*, 210, 272  
*Phyllopertha abdula*, 188  
*P. lineata*, 190  
*Phyllopsis fraxini*, 124  
*P. fraxinicola*, 124  
*Phyllozetanys aegyptiacus*,  
22  
*Phyllozetanys aterrima*, 153  
*P. atra*, 153  
*P. flexuosa*, 153  
*P. lepidii*, 153  
*P. melaena*, 153  
*P. nasturtii*, 153  
*P. nasturtii* var. *kunnemanni*,  
153  
*P. nemorum*, 153  
*P. nigripes*, 153  
*P. undulata*, 153  
*P. vittula*, 153  
*P. vittula*, 153  
PHYLLOXERIDAE, 122  
*Phymatodes alni*, 147  
*P. alni abnoides*, 147  
*P. femoralis*, 147  
*P. oculata*, 146  
*P. testaceus*, 147  
*Physcus testaceus*, 262  
*Physiphora demandata*, 250  
*Physothrips alpinus*, 68  
*P. annulatus*, 68  
*P. insequens*, 68  
*Phytobia* sp., 243, 272  
*Phytodrymadusa boquilloni*, 57  
*P. humeralis*, 57  
*P. kurda*, 57  
*P. miramae*, 57  
*P. rammei*, 57  
*P. siazovi*, 57  
*Phytoecia coerulea morphagil-*  
*vimana*, 147  
*P. cylindrica*, 147  
*P. ephippium*, 147  
*P. icterica*, 147  
*P. nigricornis*, 147  
*P. pretiosa*, 147  
*P. solidaginis*, 147  
*Phytometra confusa*, 221  
*P. festucae*, 221  
*P. gamma*, 215  
*P. gutta*, 221  
*P. variabilis*, 221  
*Phytonomus meleis*, 165  
*P. variabilis*, 166  
*Phytoptus marginatus*, 17  
*P. pseudoinsidiosus*, 17  
*P. pyri*, 17  
*P. pyri* var. *mali*, 17  
*Phytosarcophaga destructor*,  
252  
PHYTOSEIIDAE, 26  
*Phytoseiulus corniger*, 27  
*P. finitimus*, 27  
*P. persimilis*, 27  
*P. plumifer*, 27  
*P. tropicalis*, 27  
*Pica pica*, 1  
PICIDAE, 2  
PICIFORMES, 2  
*Picromerus conformis*, 80  
*Picus vera*, 2  
PIERIDAE, 230  
*Pieris brassicae*, 232, 265,  
279, 284  
*P. ergane*, 232  
*P. krueperi*, 232  
*P. napi*, 232  
*P. rapae*, 232, 265  
*P. rapae iranica*, 232  
*Piezodorus lituratus*, 80  
*P. martini*, 80  
*P. pallescens*, 80  
*P. rubrofasciatus*, 80  
*Pimelia capitopersica*, 196  
*Pimeliaphilus* sp., 18  
*Pimpla turionellae*, 275  
*Pineus orientalis*, 84  
*Pinnaaspis aspidistrae*, 116  
*Piocoris arenarius*, 72  
*P. luridus*, 72  
*P. megacephalus*, 72  
*P. megacephalus siculus*, 72  
*Piona* sp., 35  
*Pionea ferrugalis*, 235  
*P. verbascalis egentalis*, 233  
PIONIDAE, 35  
*Piophilus casei*, 250  
PIOPHILIDAE, 250  
*Pipistrellus pipistrellus*, 30, 31  
*Pirates hybridus*, 81  
*Pistaciaspis pistaciae*, 114, 157  
*P. pistacicola*, 157  
*Pitymus afganus*, 6  
*P. subterraneus*, 6  
*P. subterraneus dorothea*, 6  
*Plagiodera versicolora*, 153  
*Plagionotus arcuatus*, 147  
*P. bartholomaei*, 148  
*P. bobelayei*, 148  
*P. detritus*, 148  
*P. floralis*, 148  
*P. lugubris*, 148  
*P. lugubris* form *posticecon-*  
*junctus*, 148  
*P. pulcher*, 148  
*P. speciosus*, 148  
*Plagiotrochus kiefferianus*,  
269  
*Planococcus citri*, 123  
*P. cryptus*, 123  
*P. ficus*, 123  
*Plasmopodium* sp., 247  
*Platycleis affinis*, 57  
*P. boscae*, 57  
*P. capitata*, 57

- Platycleis escalerae iranica*, 57  
*P. intermedia*, 57  
*P. intermedia mesopotamica*,  
 58  
*P. tessellana*, 58  
*P. tessellata*, 58  
*P. trivittata*, 58  
*P. vittata vittata*, 58  
*Platyderus chodjaii*, 185  
*P. taghizadehi*, 185  
*Platyedra gossypiella*, 203  
*P. heberata kazaka*, 203  
*P. malvella*, 203  
*P. vilella*, 203  
*Platymeris laevicollis*, 81  
*Platymetopius cruentatus*, 105  
*P. distinctus*, 105  
*P. enatus*, 105  
*P. exalbescens*, 105  
*P. guttatus*, 105  
*P. jasudicus*, 105  
*P. obsoletus*, 105  
*P. quercinus*, 105  
*P. safavii*, 106  
*P. shirazicus*, 106  
*P. turkestanicus*, 106  
*P. viridinervis*, 106  
*Platynaspis luteorubra*, 159  
*Platyperigea albina*, 215  
 PLATYPODIDAE, 185  
*Platyproctus roseovittatus*, 106  
*Platypterna heberata*, 44  
*P. obtusa*, 44  
*P. persica*, 44  
*P. uvarovi*, 44  
*P. variopicta*, 44  
*Platypus bimaculatus*, 185  
*P. cylindriciformis*, 185  
*P. cylindrus*, 185  
*Platytenomus busseolae*, 279  
*P. hylas*, 279  
*Plebeius agestis*, 211  
*P. astrache*, 211  
*P. loewii*, 210  
*P. loewii bathenfeldi*, 211  
*P. loewii grossi*, 211  
*Plebeius loewii hofmanni*, 211  
*P. medon*, 211  
*Pleotrichaphorus chrysan-*  
*themi*, 96  
*P. glandulosus*, 96  
*P. persimilis*, 96  
*Pleurophorus caesus*, 190  
*Plocaederus scapularis*, 148  
*Plocamaphis gornitzi*, 96  
 PLOCEIDAE, 2  
*Plodia interpunctella*, 234,  
 266, 275  
*Plusia bella*, 221  
*P. chalcites*, 216  
*P. gamma*, 284  
*Plutella cruciferarum*, 232  
*P. maculipennis*, 232  
*P. xylostella*, 232  
 PLUTELLIDAE, 232  
*Podagrica fuscicornis*, 174  
*P. malvae*, 174  
*P. menetriesi*, 174  
*P. rufipes*, 174  
*Podalonia erythrocephala*, 281  
*P. hirsuta*, 281  
*P. hirsuta mervensis*, 281  
*P. minax*, 281  
*P. morawitzi*, 281  
*P. tydei*, 281  
*Podonta daghestanica*, 127  
*Podops dohrnianus*, 80  
*Poecilonota rutilan*, 137  
*Polia oleracea*, 219  
*Polistes caspica*, 284  
*P. gallicus*, 284  
*P. hebroeus*, 284  
*Polyarthron bienerti*, 148  
*P. rsinutus*, 148  
*Polychrosis botrana*, 228  
*Polydrosus bythinicus*, 168  
*P. davatchii*, 165  
*P. delagrangi*, 168  
*P. inustus*, 168  
*P. obliquatus*, 168  
*P. piligerms*, 168  
*P. ponticus*, 168  
*Polydrosus pseudocervinus*,  
 168  
*Polygonia c-album*, 226  
*P. egea*, 226  
*Polymerus vulneratus*, 75  
*Polymixis carrescens*, 221  
*Polyommatus adonis*, 211  
*P. bellargus*, 211  
*P. coridon*, 211  
*P. damon*, 211  
*P. damone*, 211  
*P. daphnis*, 211  
*P. icarus*, 211  
*P. icarus persica*, 211  
*P. meleager*, 211  
*P. ripartii*, 211  
*Polyphaga aegyptiaca*, 60  
*P. indica*, 60  
*P. pellucida*, 60  
*P. saussurei*, 60  
*P. subhyalina*, 60  
 POLYPHAGIDAE, 60  
*Polyphylla abchasic*, 191  
*P. adspersa*, 190  
*P. alba*, 190  
*P. fullo*, 191  
*P. olivieri*, 1, 2, 25, 191  
*P. persica*, 191  
*Polyplax spinulosa*, 64  
*Polyrachis simplex*, 274  
*Polysarcus elbursianus*, 55  
*Pomatia rivulare*, 13  
 POMATIACIDAE, 13  
 POMPILIDAE, 277  
*Pontania vesicator*, 283  
*Pontia brassicae*, 232  
*P. rapae*, 232  
*Poophilus nebulosa*, 101  
*Porcellio ornatus*, 37  
*Porophora albidogilvella*, 234  
*Porphyrinia alba*, 221, 222  
*P. albida*, 221, 222  
*P. jocularis*, 222  
*P. ostrina*, 222  
*P. parva*, 222  
*P. purpurina*, 222

- Porphyrinia respersa*, 222  
*Porphyrophora cynodontis*, 120  
*P. tritici*, 120  
*Porthesia chrysorrhoea*, 211  
*P. karghalica*, 211  
*P. melania*, 212  
*P. melania melania*, 212  
*P. similis*, 212  
*Porthetria dispar*, 212  
*Potosia affinis*, 191  
*P. cuprea*, 191  
*P. cuprea* form *diadenata*, 191  
*P. cuprea hieroglyphica*, 191  
*P. cuprea persplendens*, 191  
*P. floricola*, 191  
*P. funebris*, 191  
*P. hieroglyphica*, 191  
*P. hungarica*, 191  
*P. hungarica armeniaca*, 191  
*P. hungarica ignisternum*, 191  
*P. marmorata*, 191  
*P. sibirica*, 191  
*P. sibirica* form *albilatera*, 191  
*P. vidua*, 191  
*P. viridis*, 191  
*Praon exsoletum palitans*, 266  
*Predotis stolidus*, 222  
*Prezhevalskiana aegagri*, 250  
*P. crossi*, 250  
*P. silenus*, 250  
*Pridactylus japonicus*, 59  
*P. savignyi*, 59  
*P. variegatus*, 59  
*Prionus angustatus*, 148  
*P. bienerti*, 148  
*P. brachypterus*, 148  
*P. coriarius*, 148  
*P. minutus*, 148  
*Prionyx macula*, 282  
*P. nigropectinatus*, 282  
*P. niveatus*, 282  
*P. nudatus*, 282  
*P. songaricus*, 282  
*P. stschurowski*, 282  
*P. viduatus*, 282  
*Pristomerus vulnerator*, 275  
*Pristonychus deliae*, 141  
*P. ledouxi*, 141  
*P. mirzayani*, 141  
*P. mirzayani convexus*, 141  
*P. mirzayani elytrolargus*, 141  
*P. mirzayani nurensis*, 141  
*P. quadrangulus*, 141  
*P. radjabii*, 141  
*P. terricola*, 141  
*Proceratia caesariella*, 234  
*Prochilonurus indicus*, 271  
*Prociphalus fraxini*, 121  
*Procontarinia* sp., 245  
*Procris duskei*, 242  
*P. kermana*, 242  
*P. obscura*, 242  
*Proctolaelaps bickleyi*, 14  
*P. pygmaeus*, 14  
*P. regalis*, 15  
*Prodenia litura*, 223  
*Pronematus sextoni*, 24  
*P. ubiquitous*, 24  
*Propomacrus bimucronatus*,  
191  
*Proprioseiopsis levis*, 28  
*Propylaea quatuordecimpunctata*, 159  
*Proserpinus proserpina*, 239  
*Prosodes cribella*, 196  
*Prosaltella aurantii*, 262  
*P. berlesei*, 262  
*P. elongata*, 262  
*P. fasciata*, 262  
*P. perniciosi*, 262  
PROSTIGMATA, 32  
*Protanthidium oblongatum*, 276  
*Protaphis albus*, 96  
*P. alexandrae*, 96  
*P. anthemidis*, 96  
*P. anuraphidoides*, 96  
*P. elatior*, 97  
*P. elongata*, 96  
*P. pseudocardui*, 97  
PROTERMITIDAE, 60  
*Protolachnus tuberculostemata*, 119  
*Protrama radialis*, 119  
*Protzia* sp., 36  
PROTZIIDAE, 35  
*Proxyllocopa rufa*, 264  
*Psacadina zernyi*, 252  
*Psacasta exanthematica*, 83  
*Psallus ambiguus*, 75  
*Psalmocharia alhageos*, 107  
*P. flava*, 107  
PSAMMOCHARIDAE, 277  
*Psammodromius damanabi*,  
142  
*P. mirzayani*, 142  
*Psammophila polita*, 281  
*Psammotermes hybostoma*, 61  
*Psammotettix alienus*, 106  
*P. breviceps*, 106  
*P. flavidus*, 106  
*P. striatus*, 106  
*Psecadia bipunctella*, 203  
*Psenulus meridionalis*, 281  
*P. pusiella*, 203  
*Pseudanerota persica*, 58  
*P. robusta*, 58  
*Pseudaulacaspis pentagona*,  
116, 156, 261, 262  
*Pseudobryobia* sp., 22  
*Pseudocastalia aegyptiaca*, 138  
*Pseudoceles dirshi*, 54  
*P. innoratus*, 45  
*P. persa*, 45  
*P. persa* form *coeruleipennis*,  
45  
*P. persa* form *roseipennis*, 45  
*P. persa* form *violacea*, 45  
*Pseudochazara geyeri*, 237  
*P. pelopea*, 237  
PSEUDOCOCCIDAE, 122  
*Pseudococcus aceris*, 123  
*P. adonidum*, 123, 159, 160  
*P. affinis*, 123  
*P. ceratoniae*, 123  
*P. citri*, 72, 123, 127, 155, 156,  
159, 160, 270, 271  
*P. comstocki*, 123  
*P. filamentosus*, 123, 157, 270

- Pseudococcus hibernicus*, 123  
*P. longispinus*, 123  
*P. maritimus*, 123, 157  
*P. obscurus*, 123  
*P. omniverae*, 123  
*P. sp.*, 272  
*P. vitis*, 123  
*Pseudogonia cinerascens*, 257  
*P. ruffifrons*, 257  
*Pseudoleirides chodjajii*, 185  
*Pseudoloxops sp.*, 75  
*Pseudolynchia carariensis*, 249  
*Pseudomatorcoris ignitus*, 80  
*Pseudomelanaspis minima*, 116  
*Pseudomonocladium minutum*, 148  
*Pseudopedius iramicus*, 185  
*Pseudophia tyrrhaea*, 222  
*Pseudophilus testaceus*, 148  
*Pseudotaphoxenus sahendensis*, 142  
*Pseudotargionia orientalis*, 116  
*Psiloptera argentata*, 138  
*P. mimosae*, 138  
*P. rugosa*, 138  
 PSOCOPTERA, 63  
*Psorergates simplex*, 34  
*Psorodonotus venosus*, 58  
*Psoroptes communis* var. *bovis*, 24  
*P. communis* var. *cuniculi*, 25  
*P. communis* var. *equi*, 25  
*P. ovis*, 25  
 PSOROPTIDAE, 24  
*Psyche helix*, 232  
 PSYCHIDAE, 232  
 PSYCHODIDAE, 250  
*Psylla alni*, 124  
*P. costalis*, 124  
*P. crataegi*, 124  
*P. crataegicola*, 124  
*P. dubia*, 124  
*P. mali*, 124  
*P. olivina*, 86  
*P. pyricola*, 69, 74, 124, 126, 155, 156, 157, 268  
*Psylla pyrisuga*, 124  
*Psyllaephagus pistaciae*, 271  
*P. sp.*, 271  
*Psyllia pyricola*, 124  
 PSYLLIDAE, 124  
*Psyllobora vigintiduopunctata*, 159  
*Psyllopsis fraxini*, 124  
*P. fraxinicola*, 124  
*Pterocallidium maculatum*, 101  
*Pterocallis alni*, 100  
*P. maculata*, 100  
*Pterochloroides persicae*, 97, 246  
*Pterochlorus persicae*, 97, 278  
*P. salignus*, 119, 278  
*Pterocomma pilosum*, 97  
*P. populeum*, 97  
 PTEROMALIDAE, 278  
*Pteromalus puparum*, 279  
*Pteronemobius gracilis*, 52  
*P. heydeni cincolor*, 52  
*Pteronidea fagi*, 283  
 PTEROPHORIDAE, 233  
*Pterophorus monodactylus*, 233  
*Pteroptrix celsus*, 262  
 PTEROSTICHIDAE, 185  
*Pterostoma palpina*, 201  
*P. palpina pontica*, 201  
 PTERYGOSOMIDAE, 18  
 PTINIDAE, 185  
*Ptinus brunneus*, 185  
*P. clavipes*, 186  
*P. fur*, 186  
*P. testaceus*, 185  
*Ptochus sp.*, 168  
*Ptosima flavoguttata*, 138  
*P. lugubris*, 138  
*P. lugubris longicollis*, 138  
*P. novemmaculata*, 138  
*P. undecimmaculata*, 138  
*P. undecimmaculata* form *viturati*, 138  
*Pulex irritans*, 259  
 PULICIDAE, 259  
*Pulvinaria artemisiae*, 109  
*P. aurantii*, 108  
*P. betulae*, 109, 270  
*P. brassicae*, 108  
*P. camellicola*, 108  
*P. floccifera*, 108  
*P. pistaciae*, 109, 270  
*P. vitis*, 109  
*Purpuricenus budensis*, 148  
*P. dalmatinus*, 148  
*P. deyrollei*, 148  
*P. ivachanrui*, 148  
*P. ivachanrui* form *bilunatus*, 148  
*P. ivachanrui* form *quadrinotatus*, 149  
*P. ivachanrui* form *schoenfeldti*, 149  
*P. kaehleri*, 149  
*P. kaehleri astarabadensis*, 149  
*P. oblongomaculata*, 149  
*P. talyshensis*, 149  
*P. wachanrui*, 149  
*P. zarudnianus*, 149  
*Pyemotes ventricosus*, 18  
 PYEMOTIDAE, 18  
*Pygaera bucephala*, 224  
 PYRALIDAE, 233  
 PYRALIDIDAE, 233  
*Pyralis farinalis*, 233  
*Pyrameis atalanta*, 226  
*P. cardui*, 226  
*Pyrausta meridionalis*, 235  
*P. nubilalis*, 235, 284  
*P. persicallis*, 235  
*P. sanguinalis*, 235  
*P. sanguinalis* form *heanabii*, 235  
*P. virginialis*, 235  
 PYRAUSTIDAE, 234  
*Pyrgoderma armata*, 45  
*Pyrgomorpha conica*, 55  
*P. conica deserti*, 55  
*P. guentheri*, 55  
*Pyrgomorphella predtetschenkii*, 55

- PYRGOMORPHIDAE,55  
*Pyroderces simplex*,201  
*Pyrrhia victorina*,222  
*Pyrrhidium sanguineum*,149  
 PYRRHOCORIDAE,81  
*Pyrrhocoris apterus*,81  
*P. marginatus*,81  
*Quadraspidiotus armenicus*,  
 116  
*Q. baiati*,116  
*Q. ceccoonii*,116  
*Q. maleti*,116  
*Q. ostreaeformis*,116  
*Q. perniciosus*,117,262  
*Q. populi*,116,117  
*Q. pyri*,117  
*Q. slavonicus*,117  
*Q. zonatus*,117  
*Quernus quercinus*,105  
*Q. viridinervis*,106  
*Ramburiella bolivari*,45  
*R. foveolata*,45  
*R. turcomana*,45  
*Ranatra linearis*,76  
*Raoiella indica*,20  
*Raphia cheituna*,222  
*Raphignathus hexeri*,36  
 RAPHIGNATIDAE,36  
*Rattus norvegicus*,9  
*R. rattus*,10,31,258,259  
*R. rattus alexandrinus*,10  
*R. rattus rattus*,10  
*R. rattus turkestanicus*,30  
*R. turkestanicus*,10  
*Rectinasus buxtoni*,121  
*Recurvaria crataegella*,204  
*R. nanella*,204  
*R. pistaciicola*,204,267,270  
 REDUVIIDAE,81  
*Reduvius jakoleffi*,81  
*R. personatus*,81  
*R. testaceus*,81  
*Regiscolia flavifrons haemor-  
 rhoidalis*,280  
*Reptalus lindbergi*,108  
*Rethera brandti euteles*,239  
*Rethera komarovi*,239  
*R. komarovi magnifica*,239  
*R. komarovi rjabovi*,239  
*Reticulitermes lucifugus*,61  
*R. chypeatus*,61  
 RHAGIDIIDAE,28  
*Rhagium bifasciatum*,149  
*R. fasciculatum*,149  
*R. mordax caucasicum*,149  
*R. parisinum*,149  
*R. pygmaeum*,149  
*R. pygmaeus* form *bicon-  
 nexum*,149  
*Rhagoletis cerasi*,257  
*R. cerasorum*,257  
*R. signata*,257  
*Rhaphidopalpa abdominalis*,  
 153  
*R. africana*,153  
*R. foveicollis*,153  
*Rhaphigaster breviceps*,80  
*Rh. grisous*,80  
*Rh. nebulosa*,80  
*Rhaphitelus maculatus*,279  
*Rhesus serricollis*,149  
*Rhinia apicalis*,245  
*Rhinocoris nigripes*,81  
*Rh. sp.*,81  
*Rhinoestrus tshernyshevi*,250  
 RHINOTERMITIDAE,61  
*Rhipicephalus bursa*,31  
*R. rossicus*,31  
*R. sanguineus*,37  
*R. schulzei*,32  
*R. turanicus*,32  
*Rhizoberlesia bruchitricha*,101  
*Rhizobius graminis*,120  
*R. lactucae*,121  
*R. pilosellae*,121  
*Rhizococcus araucariae*,123  
 RHIZOGLYPHIDAE,18  
*Rhizoglyphus callae*,18  
*R. echinopus*,18  
*R. lucasii*,18  
*R. robini*,18  
*R. spp.*,14  
*Rhizopertha dominica*,130  
*R. pusilla*,130  
*Rhizotrogus aestivus*,191  
*R. bimaculata*,191  
*R. inanis*,191  
*R. peratratus*,191  
*Rhodites mayri*,269,284  
*R. rosae*,269  
*Rhodobium porosum*,97  
*Rhodocleptria incarnata*,222  
*Rhodococcus turanicus*,109  
*Rhodometra sacraria*,206  
*R. sacraria* form *atrifasc-  
 iaria*,206  
*Rhodostrophila auctata*,206  
*Rhogas* sp.,266  
*Rhombocoris regularis*,80  
*Rhombomys opimus*,6,30,32,  
 258,259,260  
*R. opimus sadalis*,6  
*R. opimus sargadensis*,6  
 RHOPALIDAE,81  
*Rhopalopus clavipes*,149  
*R. macropus*,149  
*Rhopalosiphum fitchii*,97  
*R. insertum*,97  
*R. maidis*,97  
*R. musae*,97  
*R. nymphaeae*,97  
*R. padi*,97  
*R. prunifoliae*,97  
*R. rufiabdominalis*,97  
*R. scirpifolii*,97  
*Rhopalus parumpunctatus*,82  
*Rhopobota naevana*,228  
*R. unipunctana*,228  
*Rhoptria marginata*,206  
*Rhyacia arenacea*,222  
*R. simulus*,222  
*R. sollers*,222  
*Rhyacionia buoliana*,228,275  
*Rhyncaphytoptus ficifoliae*,17  
*Rhynchaenus populi*,167  
*R. quercus*,167  
*Rhynchites aeneus*,129  
*R. aequatus*,128

- Rhynchites atroceruleus*, 129  
*R. auratus*, 128, 129  
*R. auratus ferganensis*, 129  
*R. aurifer*, 128  
*R. bacchus*, 129  
*R. betulae*, 128  
*R. culinaris*, 129  
*R. cupreus*, 129  
*R. giganteus*, 129  
*R. heros*, 129  
*R. hungaricus*, 129  
*R. lactus*, 129  
*R. metallicus*, 129  
*R. mongolicus*, 129  
*R. multipunctatus*, 129  
*R. parallinus*, 129  
*R. pauxillus*, 129  
*R. persicus*, 129  
*R. pubescens*, 129  
*R. purpureus*, 128  
*R. rectirostris*, 128, 129  
*R. ruber*, 128  
*R. serafschanicus*, 129  
*R. smyrnensis*, 129  
*R. versicolor*, 129  
*R. zaitzevi*, 129  
*Rhynchodontodes revolutalis*,  
222  
*Rhynchophorus ferrugineus*,  
168  
*Rhyncomya cyanescens*, 245  
*R. nigripes*, 245  
*R. speciosa*, 245  
*Rhyparia purpurata*, 200  
*Rhyparochromus alboacu-*  
*minatus*, 73  
*R. immaculata*, 73  
*R. inarimensis*, 73  
*R. phoeniceus*, 73  
*R. reuteri*, 73  
*Rhyssa* sp., 275  
*Ribautiana alces*, 106  
*Ricania hedenborgi*, 124  
RICANIIDAE, 124  
*Riptortus linearis*, 69  
*Risibia christophi*, 80  
*Risibia obscura*, 80  
*Rivetina excellens*, 60  
*Rodalia cardinalis*, 159  
*R. fausti*, 159  
RODENTIA, 3  
*Roepkea marchali*, 97  
*Rugaspidiotus tamaricicola*,  
117  
*Ruguloscolytus amygdali*, 193  
*R. confusus*, 193  
*R. mediterraneus*, 2, 18, 193,  
264, 265, 266, 271, 272, 273, 278,  
279  
*R. pomarius*, 193  
*R. rugulosus*, 193  
*Rungaspis macrolobis*, 117  
*R. trabuti*, 117  
*Rungia elegans*, 102  
*R. kurdjumovi*, 97  
*R. maydis*, 102  
*Saga ephippigera*, 55  
SAGIDAE, 55  
*Saissetia hemisphaerica*, 109  
*S. oleae*, 109, 126, 156, 157, 271  
SALDIDAE, 82  
*Salebria komaroffi*, 230  
*Salicicola davatchii*, 117  
*S. kermanensis*, 117  
*S. pistaciae*, 117  
*Saltusaphis scirpus*, 97  
*Sancassania berlesei*, 13  
*S. krameri*, 13  
*S. mycophagus*, 13  
*S. redikorzevi*, 13  
*Saperda carcharias*, 149  
*S. octopunctata*, 149  
*S. populnea*, 150  
*S. populnea salicis*, 150  
*S. scalaris*, 150  
*S. tremulae*, 149  
*Sappaphis crataegi*, 97  
*S. mali*, 93  
*S. pyri*, 97  
*Sarcophaga carnaria*, 252  
*S. carnaria meridionalis*, 252  
*S. haemorrhoidalis*, 252  
SARCOPHAGIDAE, 252  
*Sarcoptes scabiei* var. *bovis*, 25  
*S. scabiei* var. *canis*, 25  
*S. scabiei* var. *caprae*, 25  
*S. scabiei* var. *equi*, 25  
*S. scabiei* var. *ovis*, 25  
*S. scabiei* var. *suis*, 25  
SARCOPTIDAE, 25  
*Sarrothrips revayana*, 220  
*Saturnia pyri*, 235  
SATURNIIDAE, 235  
SATYRIDAE, 235  
*Satyris anthelea*, 237  
*S. bischoffi*, 237  
*S. briseis*, 237  
*S. briseis falkneri*, 237  
*S. briseis fergana*, 237  
*S. briseis hyrcana*, 237  
*S. briseis major*, 237  
*S. briseis persephone*, 237  
*S. airce*, 237  
*S. cordula*, 237  
*S. daubi*, 237  
*S. dryas*, 237  
*S. fatua klapperichi*, 237  
*S. geyeri savalanicus*, 237  
*S. hermione*, 237  
*S. hermione syriaca*, 237  
*S. iranica*, 237  
*S. iranica kyros*, 237  
*S. mniszecchii xerxes*, 237  
*S. nana*, 237  
*S. parisatis*, 236, 237  
*S. parisatis ismail*, 238  
*S. parthica*, 238  
*S. persephone pseudohanifa*,  
238  
*S. phaedra*, 237  
*S. pimpla*, 238  
*S. proserpina*, 237  
*S. telephassa*, 237  
*Savalania pulla*, 45  
*Saxetania aelleni*, 45  
*S. alexandrovi*, 45  
*S. cultricolis*, 45  
*S. cultricolis cultricolis*, 45

- Saxetania cultricolis gibbosa*, 45  
*S. cultricolis integra*, 45  
*S. decumana*, 45  
*S. dehbidi*, 45  
*S. edentulum*, 45  
*S. elbursiana*, 45  
*S. enoda*, 45  
*S. escalerae*, 46  
*S. femoralis*, 46  
*S. irrasa*, 46  
*S. marginatum*, 46  
*S. muricata muricata*, 46  
*S. nizvai*, 46  
*S. omerosa*, 46  
*S. paramonovi*, 46  
*S. sabulosa*, 46  
*S. scutata*, 46  
*S. spinosa*, 46  
*Scaeva pyrastris*, 254  
*Scanthius aegyptius*, 81  
*S. forsteri*, 81  
SCAPHURIDAE, 55  
SCARABAEIDAE, 186  
*Scarabaeus armeniacus*, 191  
*S. babori*, 191  
*S. pius*, 192  
*S. puncticollis*, 192  
*S. sacer*, 192  
*S. schaefferi*, 192  
*Scarites eurytus*, 192  
*S. planus*, 192  
*S. salinus*, 192  
SCARITIDAE, 192  
*Scatopse fuscipes*, 252  
SCATOPSIDAE, 252  
SCELIONIDAE, 279  
*Sceliphron arabs*, 282  
*S. caucasicum*, 282  
*S. destillatorium*, 282  
*S. madraspatanum pictum*, 282  
*S. rectum*, 282  
*S. spirifex*, 282  
*Schelfordella tartara*, 59  
*Schelopus planifrons*, 168  
*Schistocerca gregaria*, 2, 51,  
245, 252  
*Schizaphis caricis*, 98  
*S. graminum*, 98, 156, 157  
*S. rotundiventris*, 98  
*S. scripi*, 98  
SCHIZODACTYLIDAE, 55  
*Schizodactylus monstrius*, 55  
*Schizolachnus pineti*, 119  
*S. tomentosus*, 119  
*Schizoneura lanuginosa*, 121  
*S. lanuginosum*, 121  
*S. pyri*, 121  
*S. ulmi*, 121  
*Schizops aegyptiaca*, 80  
*Schizotargionia balachowskyi*,  
117  
*Schizotetranychus garmani*, 22  
*Sch. sp. nr. smirnovi*, 22  
*Schneidereria pistaciella*, 204  
*S. pistaciicola*, 204  
*Schoenobius alpherakii*, 234  
*Schwiebia sp. nr. elongatus*, 13  
*S. spp.*, 14  
*Sciapteron tabaniformis*, 275  
*Scinthisa notabilis*, 46  
*S. notabilis brunneri*, 46  
*S. notabilis pallipes*, 46  
*Sciocoris cursitans*, 80  
*S. luteolus*, 80  
*S. microphthalmus*, 80  
*S. ogivus*, 80  
*S. sulcatus*, 80  
*S. umbrinus*, 80  
SCIOMYZIDAE, 252  
*Scirpophaga praelata*, 234  
*Scirtothrips citri*, 68  
SCIURIDAE, 10  
*Sciurus anomalus*, 11  
*S. anomalus pallescens*, 11  
*S. persicus*, 11  
*Scobicia chevrieri*, 130  
*S. pustulata*, 130  
*Scodiomima crocallyria*, 206  
*Scolia erivanensis*, 280  
*S. hirta*, 280  
*S. insubrica*, 280  
*S. quadripunctata*, 280  
*Scolia sexmaculata*, 280  
SCOLIIDAE, 280  
*Scoliopteryx libatrix*, 222  
*Scolothrips latipennis*, 68  
*S. longicornis*, 68  
*S. sexmaculatus*, 68  
SCOLYTIDAE, 192  
*Scolytochelus multistriatus*,  
193, 264, 266, 272  
*Scolytus amygdali*, 193  
*S. baemorrhous*, 193  
*S. californicus*, 194  
*S. castaneus*, 194  
*S. confusus*, 193  
*S. demaisonii*, 194  
*S. destructor*, 194  
*S. eichhoffi*, 193  
*S. ensifer*, 194  
*S. fasciatus*, 194  
*S. intricatus*, 194  
*S. kirschi*, 194  
*S. mali*, 194  
*S. mediterraneus*, 193  
*S. multistriatus*, 193  
*S. orientalis*, 194  
*S. pruni*, 194  
*S. rugulosus*, 193  
*S. scolytus*, 194  
*Scopula beckeraria*, 206  
*S. decorata armeniacae*, 206  
*S. degeneraria erschoffi*, 206  
*S. marginepunctata*, 206  
*S. ornata*, 206  
*Scotia crassa*, 222  
*S. crassa golickeri*, 222  
*S. exclamationis*, 222  
*S. ipsilon*, 222  
*S. nigricornis*, 222  
*S. obesa*, 222  
*S. pallida*, 222  
*S. segetum*, 222  
*S. spinifera*, 222  
*Scotodrymadusa gediose*, 58  
*S. persa*, 58  
*Scrobipalpa heliopa*, 203  
*S. ocellatella*, 204



SCUTACARIDAE,36	<i>Semiaphis dauci</i> ,98	<i>Siclobola strigana</i> ,242
<i>Scutacarus</i> sp.,36	<i>S. pimpinellus</i> ,98	<i>S. unifasciana</i> ,242
SCUTELLERIDAE,82	<i>Semiothisa aestimaria</i> ,206	<i>Siculobata sicula</i> ,18
<i>Scymnus apetzi</i> ,159	<i>S. rippertaria</i> ,206	<i>Sideritis albipuncta</i> ,222
<i>S. araraticus</i> ,159	<i>S. syriacaria</i> ,206	<i>S. obsoleta</i> ,222
<i>S. argutus</i> ,159	<i>S. syriacaria tenuiata</i> ,206	<i>S. vetellina</i> ,220
<i>S. auritus</i> ,159	<i>Semnosia mirabilis</i> ,146	<i>Sidermia fissipunctata</i> ,223
<i>S. bimaculatus</i> ,159	<i>Sepedon sphegea</i> ,252	<i>Sidis biflamulatus</i> ,160
<i>S. bipunctatus</i> ,159	<i>Serangium montazerii</i> ,160	SIGNIPHORIDAE,280
<i>S. bisignatus etesiacus</i> ,160	<i>Sergentomyia africana</i> ,251	<i>Silpha obscura</i> ,195
<i>S. flavicollis</i> ,160	<i>S. antennata</i> ,251	<i>S. undata</i> ,195
<i>S. frontalis</i> ,160	<i>S. baghdadis</i> ,251	SILPHIDAE,194
<i>S. impexus</i> ,160	<i>S. clydei</i> ,251	SILVANIDAE,195
<i>S. indrihensis</i> ,160	<i>S. dentata</i> ,251	<i>Silvanus surinamensis</i> ,195
<i>S. levaillanti</i> ,160	<i>S. iranica</i> ,251	<i>Sibia irritans</i> ,254
<i>S. marginicollis</i> ,160	<i>S. mervynae</i> ,251	<i>S. ochraceus</i> ,254
<i>S. mongolicus</i> ,160	<i>S. palestinensis</i> ,251	<i>Simaethis nemorana</i> ,207
<i>S. nigrinus</i> ,160	<i>S. pawlowskyii</i> ,251	<i>S. pariana</i> ,207
<i>S. palipediformis</i> ,160	<i>S. sintoni</i> ,251	SIMULIIDAE,253
<i>S. pallipes</i> ,160	<i>S. squamipleuris</i> ,252	<i>Simulium caucasicum</i> ,253
<i>S. quadriguttatus</i> ,160	<i>S. theodori</i> ,252	<i>S. galeratum</i> ,253
<i>S. quadrimaculatus</i> ,160	<i>S. tiberiadis</i> ,252	<i>S. kiritshenkoi</i> ,253
<i>S. rubromaculatus</i> ,160	<i>Sericothrips gracilicornis</i> ,68	<i>S. latizonum</i> ,253
<i>S. subvillosus</i> ,160	<i>Sesamia cretica</i> ,229	<i>S. mediterraneum</i> ,253
<i>S. syriacus</i> ,160	<i>S. gracilis</i> ,229	<i>S. multistriatum</i> ,253
SCYTHRIDAE,238	<i>S. hesperica</i> ,229	<i>S. paraequinum</i> ,253
SCYTHRIDIDAE,238	<i>S. inferens</i> ,229	<i>S. rubzovianum</i> ,253
<i>Scythris temperatella</i> ,238	<i>S. nonagrioides</i> ,60,126,155, 156,229,265,266,274,275,279	<i>S. transcaspicum</i> ,253
<i>Sehirus coeruleus</i> ,71	<i>S. nonagrioides botanephaga</i> , 229	<i>S. turgaicum</i> ,253
<i>S. congenes</i> ,71	<i>S. vuteria</i> ,229	<i>S. venustum</i> ,253
<i>S. dubius</i> ,71	<i>Sesia apiformis</i> ,198	<i>Simyra albovenosa</i> ,223
<i>S. dubius</i> var. <i>melanoptera</i> ,71	<i>S. cephiiformis</i> ,198	<i>S. albovenosa centripuncta</i> , 223
<i>S. marginatus</i> ,71	<i>S. serratififormis</i> ,199	<i>S. argentacea renimaculata</i> , 223
<i>S. melanopterus</i> ,71	SESIIDAE,196	<i>S. dentinosa</i> ,223
<i>S. morio</i> ,71	<i>Sharpia rubida</i> ,168	<i>Sinoxylon bidens</i> ,130
<i>Seiulus simplex</i> ,28	<i>S. rubida</i> var. <i>biskrensis</i> ,168	<i>S. chalcographum</i> ,130
<i>Selenocephalus dareicus</i> ,106	<i>Shibaia longicornis</i> ,28	<i>S. sexdentatum</i> ,130
<i>S. kyrosicus</i> ,106	<i>Shivaphis celti</i> ,101	<i>Sipha elegans</i> ,102
<i>S. lyrosicus</i> ,106	<i>Sibinia allatica</i> ,168	<i>S. flava</i> ,102
<i>S. pallidus</i> ,106	<i>S. allatica</i> var. <i>curtula</i> ,168	<i>S. glyceriae</i> ,102
<i>Selenodera falcatum</i> ,83	<i>S. postsignata</i> ,168	<i>S. maydis</i> ,102
<i>S. fischeri</i> ,83	<i>S. syriaca</i> ,168	<i>S. schoutedeni</i> ,102
<i>Semanotus ruscicus</i> ,150	<i>Sibiricobombus insertus</i> ,264	SIPHONAPTERA,257
<i>S. ruscicus persicus</i> ,150	<i>S. sulfureus</i> ,264	<i>Siphoninus dubiosa</i> ,85
<i>Semblis luari</i> ,52		
<i>Semiaphis anthrisci</i> ,98		

- Siphoninus granati*, 85  
*S. phillyreae*, 85, 156, 262  
*Siphonophora citrifolii*, 95  
*S. fragariae*, 95  
*S. solanifolii*, 95  
 SIPHUNCULATA, 64  
*Sirex sah*, 280  
 SIRICIDAE, 280  
*Sisyphus schaefferi boschniaki*, 192  
*Sitobion avenae*, 98, 125, 126, 156, 159, 254, 263  
*S. fragariae*, 98  
*Sitodrepa ferrugineum*, 128  
*S. panicea*, 128  
*Sitona asellus*, 168  
*S. bicolor*, 168, 169  
*S. bicolor concavirostris*, 168  
*S. biseriatus*, 169  
*S. bituberculatus*, 169  
*S. bucephalus*, 169  
*S. callosus*, 168  
*S. caucasicus*, 168  
*S. concavirostris*, 168  
*S. crinitus*, 168  
*S. crinitus* var. *albocrinitus*, 169  
*S. cupreo-spuamosus*, 169  
*S. cylindricollis*, 169  
*S. discoideus*, 169  
*S. dispersus*, 168  
*S. fairmairei*, 169  
*S. fronto*, 169  
*S. haemorrhoidalis*, 169  
*S. hirtus*, 169  
*S. hispidulus*, 169  
*S. humeralis*, 169  
*S. insulus*, 169  
*S. intermedius*, 169  
*S. intersectus*, 169  
*S. lineatus*, 169  
*S. lineellus*, 168  
*S. lividipes*, 169  
*S. lividipes* var. *hypponensis*, 169  
*S. longulus*, 169  
*Sitona macularius*, 169  
*S. meliloti*, 169  
*S. ocellatus*, 169  
*S. puberulus*, 169  
*S. puncticollis*, 169  
*S. punctiger*, 169  
*S. sulcifrons*, 169  
*S. suturalis*, 169  
*S. tenuis*, 169  
*Sitophagus castaneus*, 196  
*S. farinarius*, 196  
*S. hololeptoides*, 196  
*Sitophilus granarius*, 169, 267, 278  
*S. oryzae*, 169, 267  
*S. oryzae* var. *funebri*, 169  
*S. pulicaria*, 169  
*S. quadrimaculata*, 169  
*S. segetis*, 169  
*S. zeamais*, 170  
*Sitotroga cerealella*, 126, 204  
*S. spp.*, 14  
*Slavum esfandiarii*, 121  
*S. lentiscoides*, 121  
*S. mordvilkovi*, 121  
*S. wertheimae*, 122  
 SMERINTHIDAE, 238  
*Smerinthus kindermanni*, 240  
*S. ocellatus*, 240  
*S. populi*, 238  
*S. quercus*, 239  
*S. quercus schirazi*, 239  
*S. tiliae*, 239  
*Smicronyx robustus*, 170, 273  
 SMINTHURIDAE, 37  
*Sminthurus viridis*, 37  
*Smynthuroides betae*, 122  
*Sogatella suzezensis*, 110  
*S. vibix*, 110  
*Solenotus* sp., 272  
*Spaelotis ravida stabulorum*, 223  
 SPALACIDAE, 11  
*Spalangia endius*, 281  
*S. subpunctata*, 281  
 SPALANGIDAE, 281  
*Spalax* sp., 11  
*Spallanzania alpestris*, 257  
*S. hebes*, 257  
*Sparganothis pilleriana*, 242  
*S. pilleriana*, 242  
*S. strigana*, 242  
*S. vitana*, 242  
*Spatalia argentina*, 224  
*Spathius radjabii*, 267  
*Spathocera dalmani*, 71  
*Spectrobates ceratoniae*, 230, 284  
*Specularius bridwelli*, 131  
*Sperchon afzalipouri*, 36  
*S. hispidus*, 36  
*S. pahlavii*, 36  
 SPERCHONIDAE, 36  
*Sperchonopsis* sp., 36  
*Spermophagus sericeus*, 131  
*Spermophilopsis leptodactylus*, 11  
*Spermophilus fulvus*, 11  
*Sphaerobrotha resslii*, 125  
*Sphaerococcus marlatti*, 122  
*Sphaerolecanium prunastri*, 270, 271  
*Sphaerophoria bengalensis*, 254  
*S. scripta*, 254  
*S. scutellari*, 254  
*S. taeniopa*, 254  
 SPHECIDAE, 281  
*Sphecodes* sp., 274  
*Sphegigaster orobanchiae*, 279  
*Sphenophorus picea*, 170  
*Sphenoptera abbas-pouri*, 138  
*S. abbreviata*, 138  
*S. acuminata*, 138  
*S. adusta*, 138  
*S. aethiops*, 138  
*S. ajax shakrudensis*, 138  
*S. anthaxoides*, 138  
*S. antiqua pernicensis*, 138  
*S. arthemisiae*, 138  
*S. beckeri*, 139  
*S. bodemeyeri*, 139

- Sphenoptera coracina*, 139  
*S. coracina* var. *babel*, 139  
*S. dad-khani*, 139  
*S. davatchii*, 18, 139, 175, 265, 267, 273, 278  
*S. dejeani*, 139  
*S. dhia-ahmedi*, 139  
*S. dilotti*, 139  
*S. esfandiarii*, 139  
*S. fairmairei*, 139  
*S. hauseri*, 139  
*S. hauseri* var. *expectana*, 139  
*S. ignita*, 139  
*S. ignita* var. *monochroa*, 139  
*S. ixion*, 139  
*S. kambyes*, 139, 265, 267, 278  
*S. lapidaria*, 139  
*S. leonhardi*, 139  
*S. luristana* var. *parsa*, 139  
*S. mandjersternae*, 139  
*S. mesopotamica*, 139  
*S. mniszechi*, 139  
*S. mniszechi* var. *elamita*, 139  
*S. mniszechi* var. *minorita*, 139  
*S. morio* var. *cribrata*, 139  
*S. ogloblini*, 140  
*S. oporina*, 140  
*S. potanini*, 140  
*S. rangnowi*, 140  
*S. rauca*, 140  
*S. reitteri*, 140  
*S. sancta*, 140  
*S. scovitzii*, 140  
*S. sculpticollis*, 140  
*S. sterbai*, 140  
*S. tamaricis*, 140  
*S. uncta*, 140  
*S. zarathustra*, 140  
*Sphex argyrius*, 282  
*S. eatoni*, 282  
*S. flavipennis*, 282  
*S. haberhaeri*, 282  
*S. lividocinctus*, 282  
*S. maxillosus*, 282  
*S. occitanicus*, 282  
*S. paludosus*, 282  
*Sphex perezii*, 282  
*S. pruinosus*, 282  
*S. regalis*, 282  
*S. ruficinctus*, 282  
*S. viduatus*, 282  
 SPHINGIDAE, 238  
*Sphingoderus carinatus*, 46  
*S. uvarovianus*, 46  
*Sphingonotus callosus*, 46  
*S. carinatus*, 46  
*S. carinatus eshrewi*, 46  
*S. coeruleus caspicus*, 46  
*S. coeruleus coeruleus*, 46  
*S. coeruleus coeruleipes*, 46  
*S. coeruleus kermanicus*, 46  
*S. coeruleipes*, 46  
*S. coeruleipes coeruleipes*, 46  
*S. decarinatus*, 46  
*S. elegans*, 46  
*S. eurasius*, 46  
*S. eurasius eurasius*, 46  
*S. fuscus mistshenkoi*, 46  
*S. humeralis*, 46  
*S. isfahanicus*, 47  
*S. maculatus*, 47  
*S. maculatus maculatus*, 47  
*S. mecheriae*, 47  
*S. minutus*, 47  
*S. nebulosus*, 47  
*S. nebulosus discolor*, 47  
*S. nebulosus persa*, 47  
*S. nebulosus violaceus*, 47  
*S. obscuratus*, 47  
*S. obscuratus apicalis*, 47  
*S. obscuratus brunneri*, 47  
*S. obscuratus latissimus*, 47  
*S. octofasciatus*, 47  
*S. pictipes*, 47  
*S. pilosus*, 47  
*S. rubescens*, 47  
*S. rubescens fasciatus*, 47  
*S. rubescens rubescens*, 47  
*S. rufipes*, 47  
*S. salinus*, 47  
*S. satrapes*, 47  
*S. savignyi*, 47  
*Sphingonotus* spp., 282  
*S. theodori*, 47  
*S. theodori iranica*, 47  
*S. theodori theodori*, 47  
*S. turcmenus*, 47  
*Sphings porcellio*, 239  
*Sphinx kindermanni*, 239, 240  
*Sphodromerus luteipes*, 47  
*S. luteipes luteipes*, 48  
*S. luteipes rubripes*, 48  
*S. undulatus undulatus*, 48  
*Sphodronotus cyclopterus*, 48  
*S. grandis*, 48  
*Sphodrustocarabus morvani*, 185  
*Spilographa cerasi*, 257  
*Spilonota comitana*, 228  
*S. luscana*, 228  
*S. ocellana*, 228, 265  
*Spilostethus pandurus*, 73  
*S. rubriceps*, 73  
*Spilothyrus alcaeae*, 207  
*S. althaeae boetica*, 207  
*Spinidbella cornini*, 15  
*S. simplex*, 15  
*Spodoptera exigua*, 223, 255, 265, 266, 272, 275  
*S. littoralis*, 156, 223  
*S. litura*, 223  
*Spondylis buprestoides*, 150  
*Stagonomus amoenus*, 80  
*Stalagmopygus albella*, 192  
 STAPHYLINIDAE, 195  
*Staria lunata*, 80  
*Staticobium latifolii*, 98  
*S. limonii*, 98  
*Stauroderus macrocerus*, 39, 48  
*S. scalaris demavendi*, 48  
*Stauronotulus dianesus*, 40  
*S. hauensteini*, 40  
*S. hauensteini elbursianus*, 40  
*S. kraussi nigrogeniculatus*, 40  
*Stauronotus annulipes*, 40  
*S. crassiusculus*, 40  
*S. cruciatus*, 40  
*Stauropus fagi*, 224

- Stegelytra sororcula*, 106  
*Stegobium paniceum*, 128  
*Stenotarsonemus bancrafti*, 19  
*Stenichneumon* sp., 275  
*Stenobothrudes werneri*, 48  
*Stenobothrus stigmaticus*, 48  
*S. werneri*, 48  
*Stenocarus cardui*, 170  
*S. fuliginosus*, 170  
*S. guttula*, 170  
*S. ruficornis*, 170  
STENOCEPHALIDAE, 83  
*Stenocephalus* sp., 84  
*Stenochorus insitivus*, 150  
*S. vittidorsum*, 150  
*Stenodena lunonicum*, 75  
*S. turanicum*, 75  
*Stenohippus iranicus*, 48  
*S. mundus*, 48  
*Stenoponia tripectinata spinel-  
losa*, 259  
*Stenopterus rufus*, 150  
*Stephanitis oshanini* var.  
*sareptana*, 84  
*S. pyri*, 84  
*Stephanophorus mimosae*, 170  
*S. vagus*, 170  
STEPHANOSOMATIDAE, 252  
*Stereocorynes persicus*, 170  
*Sterrrha rufaria*, 206  
*Stethorus gilvifrons*, 160  
*S. punctillum*, 161  
*Stictocephala bubalus*, 120  
*Stictopleurus abutilon*, 82  
STIGMAEIDAE, 19  
*Stigmella malella*, 240, 271  
*S. promissa*, 240  
STIGMELLIDAE, 240  
*Stilbum cyanurum*, 268  
*Stilpnotia salicis*, 213  
*Stiphrometasia monialis*, 223  
*Stollia inconspicua*, 80  
*Stomorhina lunata*, 245  
*Stonedera caucasica* form  
*bisbinotata*, 182  
*Strangalia aethiops*, 150  
*Strangalia bifasciata*, 150  
*S. emmipoda*, 150  
*S. imperbis*, 150  
*S. inermis*, 150  
*S. maculata*, 150  
*S. nigra*, 150  
*S. quadrifasciata caucasica*,  
150  
*S. septempunctata*, 150  
*Strangalina attenuata*, 150  
*Streblote siva*, 209  
*Streptopelia senegalensis*, 1  
*S. turtur*, 1  
*Strobliomyia palaestina*, 256  
*Stromatium fulvum*, 150  
*S. strepens*, 150  
*S. unicolor*, 150  
*Strongylocoris leucocephalus*,  
75  
*Strumiger desertorum*, 48  
*S. desertorum persa*, 48  
*Strymon acaciae*, 211  
*Strymonilicis caudatula*, 211  
STURNIDAE, 2  
*Sturnus vulgaris*, 2  
STYLOMMATOPHORA, 11  
*Stylophaga orientalis*, 59  
*Stylosomus* sp., 153  
*Suarius fedtschenkoi*, 126  
*S. gobiensis*, 126  
*S. mongolica*, 126  
*S. nanus*, 126  
*S. pagbusanus*, 126  
*S. paghamana*, 126  
*S. vartianae*, 126  
*Subacronycta centralis*, 223  
*Subsaltusaphis ornata*, 98  
SUIDAE, 2  
*Suidasia medanensis*, 19  
*S. nesbütü*, 19  
*Sumeria dipotamica*, 201  
*Sumeriomys socialis*, 6  
*Supella longipalpa*, 59  
*Sus scrofa*, 2  
*S. scrofa attila*, 3  
*Suturaspis archangelskyae*, 117  
*Suturaspis davatchii*, 117  
*S. pistaciae*, 117  
*Symphorobius pygmaeus*, 127  
*S. sp.*, 127  
*Symphypya impressa*, 106  
*Sympiesis altilis*, 272  
*S. gordius*, 272  
*S. sericeicornis*, 272  
*Symploce persica*, 59  
*S. zarudniana*, 59  
*Synanthedon cephiiformis*, 198  
*S. conopiformis*, 198  
*S. mutilaeformis*, 198  
*S. myopaeformis*, 198  
*S. myopiformis*, 198  
*S. tabaniformis*, 199  
*Synaphe provincialis*, 234  
*Synchloe callidice*, 232  
*S. callidice chrysidice*, 232  
*S. daphidice*, 231  
*Synergus albipes*, 269  
*Syngenaspis ephedrae*, 115  
*S. oleae*, 116  
*S. pergandii*, 116  
*S. theae*, 116  
*Syngrapha circumflexa*, 223  
*Synharmonia conglobata*, 161  
*S. lyncea* var. *aganta*, 161  
*S. oncina*, 161  
*Synia musculosa*, 221  
*Synonychus* sp., 22  
*Synophrus olivieri*, 270  
*Synopsia sociaria*, 206  
*Synosternus cleopatrae*, 259  
SYNTOMIDAE, 199, 240  
*Syntomis maracandica*, 240  
*S. nigricornis*, 199  
*S. phegea*, 240  
*Syringopais temperatella*, 238,  
272  
*Syrista parreyssi*, 267  
*Syromastus marginatus*, 70  
*S. rhombeus*, 71  
SYRPHIDAE, 253  
*Syrphophagus aphidivorus*, 271  
*Syrphus corollae*, 254

- Syrphus pyrastris*,254  
*S. ribesii*,254  
*S. torvus*,254  
 SYSSPHINGIDAE,240  
*Systoechus* sp.,244  
 TABANIDAE,254  
*Tabanus ansarii*,255  
*T. armeniacus*,255  
*Tachina nupta*,257  
*T. praeceps*,257  
 TACHINIDAE,255  
*Taeniothrips atratus*,68  
*T. federovi*,68  
*T. frici*,66  
*T. hispanicus*,68  
*T. incosequens*,68  
*T. meridionalis*,68  
*T. pallidivestis*,68  
*T. persimilis*,68  
*T. simplex*,68  
*Takahashia citricola*,108  
*Tamaricella ribauti*,106  
*Tanymechus cylindricollis*,170  
*Tanyproctus mirzayani*,192  
*T. ovatus*,192  
*T. persicus*,192  
*Taphrorhynchus alni*,194  
*T. bicolor*,194  
*T. bulmerincqui*,194  
*T. tristiculus*,194  
*T. villifrons*,194  
*Tapinoma simrothi karavajevi*,  
 274  
*Taragama alpherakyi*,209  
*T. amygdali*,209  
*T. repandu*,209  
*T. siva*,209  
*Targaspidiotus anabasidis*,117  
*Targionia arbutus*,117  
*T. nigra*,117  
*T. vitis*,117  
*Tarisa fraudatrix*,81  
 TARSONEMIDAE,19  
*Tarsonemus fusarii*,19  
*T. granarius*,19  
*T. sp.*,19  
*Tarsonemus* sp. nr. *nodosus*,19  
*Tartarogryllus tartarus*  
*obscurior*,52  
*Tarucus balkanicus*,211  
*Tatera indica*,6,31,32,258,259  
*T. indica bailwardi*,6  
*T. indica indica*,6  
*T. indica monticala*,6  
*T. indica persica*,6  
*T. indica scansa*,6  
*T. indica taeniura*,6  
*Tathorhynchus exsiccata*,223  
*Tecaspis asiatica*,111,157,262,  
 270  
*T. prunorum*,117  
*Tegostoma lepidalis*,235  
*T. moeschleri*,235  
*T. uniforma*,235  
*Telenomus chloropus*,279  
*T. heydenie*,279  
*T. minimus*,279  
*T. sokolovi*,279  
*Telphusa kreutzbergi*,204  
*T. pistaciae*,204  
*Temelucha* sp.,275  
*Temnochilus coerulea*,184  
*Temnorhinus brevirostris*,165  
*T. elongatus*,165  
*Tenebrio molitor*,196  
*T. obscurus*,197  
*Tenebrioides mauritanicus*,  
 184  
 TENEBRIONIDAE,195  
 TENTHREDINIDAE,282  
*Tenthredo alni*,283  
*T. brevis*,283  
*T. brunniventris*,283  
*T. colibri*,283  
*T. cuprea*,284  
*T. elongatula*,283  
*T. enodis*,264  
*T. flava*,283  
*T. fulvicornis*,283  
*T. largipes*,283  
*T. limacina*,283  
*Tentredo longicollis*,267  
*T. longicornis*,267  
*T. minuta*,283  
*T. ochropus*,264  
*T. polygonus*,267  
*T. pruni*,283  
*T. rosae*,264  
*T. ruficapilla*,283  
*T. salicis*,283  
*T. septentrionalis*,283  
*T. spinarum*,283  
*T. testudinea*,283  
*T. viennensis*,282  
*Tentyria tessulata*,197  
 TENUIPALPIDAE,19  
*Tenuipalpus eriophyoides*,20  
*T. euonymi*,20  
*T. granati*,20  
*T. inornatus*,19  
*T. pistaciae*,20  
*T. portulacae*,20  
*T. punicae*,20  
*Tenuitarsus evansi*,48  
*Tephрина arenacearia*,206  
*T. arenacearia flavidaria*,206  
*T. disputarta*,206  
 TEPHRITIDAE,257  
*Tephritis hurvitz*,257  
*Teracolus semiramis*,232  
*Teratohytta dives*,183  
*T. dives phalerata*,183  
*T. eylandti*,183  
*Teretrius picipes*,174  
 TERMITIDAE,61  
*Tessellana tessellana*,58  
*T. vittata*,58  
 TETANOCERIDAE,252  
*Tethea caspica*,241  
*T. osthelderi*,241  
*Tetrachrysis ignita*,268  
*Tetralonia* sp.,264  
*Tetramorium chefteki*,274  
*T. davidi*,274  
*T. moraviacum*,274  
*Tetraneura africana*,122  
*T. caeruleascens*,122

- Tetraneura nigroabdominalis*,  
122
- T. ulmi*, 122
- T. ulmifoliae*, 122
- Tetraneurella nigroabdominalis*, 122
- Tetranychia harti*, 22
- TETRANYCHIDAE, 20
- Tetranychus asia*, 22
- T. atlanticus*, 22
- T. bimaculatus*, 23
- T. cinnabarinus*, 22
- T. crataegi*, 23
- T. cucurbitae*, 22
- T. kanzawai*, 22
- T. lambi*, 22
- T. orientalis*, 23, 161
- T. pilosus*, 22
- T. populi*, 21
- T. telarius*, 23, 160, 161
- T. turkestanii*, 23, 27, 156, 161
- T. ulmi*, 22
- T. urticae*, 14, 23, 161
- T. viennensis*, 23, 27
- Tetrastichus brevistigma*, 272
- T. epilachnae*, 272
- T. evonumelloe*, 272
- T. galerucae*, 272
- T. insertus*, 272
- T. xanthomelaenae*, 272
- TETRIGIDAE, 55
- Tetrix bolivari*, 56
- T. depressa*, 56
- Tettigella viridis*, 103
- Tettigometra costulata*, 124
- T. sulphurea*, 124
- T. vitellina*, 124
- TETTIGOMETRIDAE, 124
- Tettigonia annaelisae*, 56
- T. caulata*, 58
- T. paloi intermedia*, 58
- T. trinacria*, 58
- T. viridissima*, 58
- TETTIGONIIDAE, 56
- Thais cerisyi*, 229
- T. cerisyi deyrollei*, 229
- Thais polyxena*, 229
- Thalera bupleuraria*, 206
- T. fimbriatis*, 206
- Thalerastria diaphora*, 223
- Thaleropsis ionia*, 226
- Thalpomena persa*, 45
- T. persa* form *coeruleipennis*,  
45
- T. persa* form *violacea*, 45
- Thanaos marloyi*, 208
- Thanatophilus sinuatus*, 195
- Thaumasiania oculiperda*,  
213
- Thaumatomyia notata*, 247
- T. sulcifrons*, 247
- Thaumetopoea processionea*, 240
- T. solitaria*, 240, 257
- T. solitaria iranica*, 240
- THAUMETOPOEIDAE, 240
- Thea vigintiduopunctata*, 161
- Theba pisana*, 12
- Thecabius affinis*, 122
- Thecla acaciae*, 211
- T. quercus*, 211
- T. sassanides*, 211
- Thelaxes dryophylla*, 124
- Th. suberis*, 124
- THELAXIDAE, 124
- Theone silphoides*, 153
- Therapha hyosyami*, 81
- Therapis flavicaria*, 206
- Theretra alecto*, 240
- T. alecto cretica*, 240
- Theria robusta*, 223
- Therioaphis brachitricha*, 101
- T. collina*, 101
- T. maculata*, 101, 155, 156, 157,  
161, 261, 263, 266
- T. ononidis*, 101
- T. riehmii*, 101
- T. tiliae*, 100
- T. trifolii*, 101
- Thermobia domestica*, 37
- Thermocoris discolor*, 75
- Thersamonia thersamon kurdestanica*, 210
- Thestor callimachus*, 211
- Thisoicetrinus pterostichus*, 51
- Thisoicetrus adspersa*, 51
- T. annulosus annulosus*, 51
- T. bituberculatus*, 51
- T. dorsatus*, 51
- T. littoralis*, 51
- T. littoralis similis*, 51
- T. persa*, 51
- T. theodori delicatus*, 51
- Tholagmus flavolineatus*, 83
- Tholera decimalis*, 223
- T. graminis*, 223
- T. popularis*, 223
- Thomasiania oculiperda*, 245
- Thoracobombus humilis insipidus*, 264
- T. lederi*, 264
- T. zonatus steveni*, 264
- THORICITIDAE, 197
- Thorictodes heydeni*, 197
- Thrinchus arenosus*, 48
- T. arenosus arenosus*, 48
- THRIPIDAE, 66
- Thrips adonidum*, 67
- T. angusticeps*, 68
- T. betulicola*, 67
- T. dubius*, 68
- T. flavus*, 68
- T. iranicus*, 68
- T. major*, 68
- T. mareoticus*, 68
- T. melanopa*, 68
- T. nigropilosus*, 68
- T. ochraceus*, 69
- T. physapus*, 68
- T. pillichii*, 68
- T. pistaciae*, 68
- T. solanaceorum*, 69
- T. tabaci*, 69
- T. trehernei*, 69
- T. urticae*, 68
- T. vulgatissima*, 67
- Thyas* sp., 36
- THYASIDAE, 36
- Thyatira hademanni*, 241

- THYATRIDAE,241  
*Thymnaspis salicis*,113  
*Thyreus histrionicus*,264  
*T. ramosus*,264  
 THYSANOPTERA,65  
 THYSANURA,37  
*Tibicen esfandiarii*,107  
*T. plebejus*,107  
*Tillus* sp.,154  
*Timula* sp.,277  
*Tinea pellionella*,241  
 TINEIDAE,241  
*Tineola biselliella*,241  
 TINGIDAE,84  
 TINGIDIDAE,84  
*Tingis pyri*,84  
*Tinocallis platani*,101  
*T. saltans*,101  
*T. zelkova*,101  
*Titanosiphon artemisiae*,98  
*Tivia inconspicua*,60  
*Tlja scariolae*,86  
*Tmethis bilobus*,53  
*T. cyanipennis*,48  
*T. pulchripennis asiaticus*,48  
*Tmetocera ocellana*,228  
*Tomares callimachus*,211  
*Tomicus mansfeldi*,193  
*Tomostethus nigrinus clavipennis*,283  
*Torrenticola* sp.,36  
 TORRENTICOLIDAE,36  
 TORTRICIDAE,241  
*Tortrix chondrillana*,242  
*T. gemmana*,228  
*T. viridana*,242  
*T. xylostena*,228  
 TORYMIDAE,283  
*Torymus bedeguaris*,284  
*T. nigricornis*,284  
*Toxoptera aurantii*,98  
*T. graminum*,98  
*T. granarium*,98  
*Toxotus insitivus*,150  
*T. mirabilis*,150  
*T. vittidorsum*,150  
*Toya hamata*,110  
*T. propinqua*,110  
*Trachea atriplicis*,223  
*T. lucida*,223  
*T. lucida* form *albicollis*,224  
*T. luctuosa*,224  
*T. urania*,224  
*Trachelus haemorrhidalis*,267  
*T. tabidus*,267  
*Trachusa pubescens*,277  
*Trachys minuta*,140  
*T. quercicolus*,140  
*Trama tryglodytes*,119  
 TRECHIDAE,197  
*Trechnites insidiosus*,268  
*Trechus breizhinensi*,197  
*T. cadoudali*,197  
*T. capitatus*,198  
*T. chodjajii*,197  
*T. dicabinus*,197  
*T. diliae*,197  
*T. diliae soleymanensi*,197  
*T. elburzensis*,197  
*T. elikasensi*,197  
*T. esfandiarii*,197  
*T. hirus*,197  
*T. kafekus*,197  
*T. mahouxi*,197  
*T. minutus*,198  
*T. mirzayani*,198  
*T. moreau*,198  
*T. morguesae*,198  
*T. noveno*,198  
*T. quadristriatus*,198  
*T. rastgari*,198  
*T. saadii*,198  
*T. scharifi*,198  
*T. taghizadehi*,198  
*Trialeurodes ricini*,27,85,262  
*T. vaporariorum*,85,262  
*Triaspis thoracicus*,267  
*Tribolium castaneum*,197  
*T. confusum*,197  
*T. ferrugineum*,197  
*T. testaceum*,197  
*Trichelophorus micans*,174  
*Trichiura pistaciae*,209  
*Trichius fasciatus*,192  
*Trichodectes canis*,64  
*T. latus*,64  
*T. melis*,64  
 TRICHODECTIDAE,64  
*Trichodes ephippiger*,154  
*T. favarius insignis*,154  
*T. frater*,154  
*T. laminatus*,154  
*T. nobilis*,154  
*T. olivieri*,154  
*T. paminatus*,154  
*T. persicus*,154  
*T. quadriguttatus*,154  
*T. sexpustulatus* form *quadrimaculatus*,155  
*T. sipylus*,155  
*T. suspectus*,155  
*T. zebra*,155  
*Trichoferus affinis*,151  
*T. cinereus*,150  
*T. fasciculatus*,151  
*T. griseus*,151  
*T. nebulosus*,150  
*T. pressi*,151  
*Trichogramma brassicae*,284  
*T. cacoeciae*,284  
*T. embryophagum*,284  
*T. embryophagum cacoeciae*,284  
*T. evanescens*,284  
*T. maidis*,284  
*T. pinto*,284  
*T. rhenana*,284  
*T. semblidis*,284  
 TRICHOGRAMMATIDAE,284  
*Trichophaga tapetiella*,241  
*T. tapetzella*,241  
*Trichoplusia ni*,224  
*Trichoporia inermis*,248  
*Trichothypas elburzensis*,36  
*Trichouropoda orbiculatris*,29  
 TRIDACTYLIDAE,59  
*Tridactylus japonicus*,59  
*Trielis ciliata araratica*,280

- Trifidaphis phaseoli*, 98  
*Trigonaspis synaspis*, 270  
*Trigonocorypha angustata*, 58  
*Trigonosoma* sp., 83  
*Trinoton anserinum*, 63  
*T. anseris*, 63  
*Trionimus amaryllidis*, 123  
*Triophyteus immanis*, 24  
*Trioxys angelicae*, 263  
*T. palidus*, 263  
*T. utilis*, 263  
*Trioza ceardi*, 124  
*T. chenopodi*, 124  
*Triphaena junthina*, 224  
*Triphosa sabaudiata*, 206  
*Trissolcus basalis*, 279  
*T. delucchii*, 279  
*T. festivae*, 279  
*T. grandis*, 279  
*T. rufiventris*, 280  
*T. semistriatus*, 280  
*T. simoni*, 280  
*T. tumidus*, 280  
*T. vassilievi*, 280  
*Tritomegas sexmaculatus*, 71  
*Trogaspida* sp., 277  
TROGIDAE, 198  
*Trogocarpus ballestrerii*, 283  
*Trogoderma elongatulum*, 171  
*T. granarium*, 171  
*T. grande*, 171  
*T. inclusum*, 171  
*T. khapra*, 171  
*T. versicolor*, 171  
*Trogosita caraboides*, 184  
*T. mauritanica*, 184  
*T. mauritanicus*, 184  
TROMBIDIIDAE, 36  
*Tropeopeltis anthaxoides*, 138  
*T. davatchii*, 139  
*T. kambyses*, 139  
*Tropidauchen cristatum*, 54  
*T. cultricolles*, 54  
*T. flavipes*, 54  
*T. marginatum*, 55  
*T. paramonovi*, 55  
*Tropidauchen predtshenskii*, 55  
*T. sabulosum*, 55  
*T. serratum*, 55  
*T. viridis*, 55  
*Tropidopola cylindrica*, 48  
*T. cylindrica iranica*, 48  
*T. cylindrica obtusa*, 48  
*T. turanica*, 48  
*T. turanica caspica*, 48  
*T. turanica turanica*, 48  
TROPIDUCHIDAE, 125  
*Tropinota crinita*, 188  
*T. hirta*, 188  
*Trox hispidus*, 198  
*Truxalis eximia*, 48  
*T. grylloides*, 55  
*T. linearis*, 55  
*T. mesopotamica*, 48  
*T. robusta*, 48  
*Trypanus cossus*, 201  
TRYPETIDAE, 257  
*Tuberculatus quercus*, 101  
*Tuberculoides annulatus*, 101  
*Tuberolachnus salignus*, 119  
*Tuckerella* sp. nr. *knorri*, 23  
TUCKERELLIDAE, 23  
TUNGIDAE, 260  
*Tuponia conspersa*, 75  
*T. eckerleini orientalis*, 75  
*T. elegans*, 75  
*Turanana baton*, 211  
*Tycheoides setariae*, 98  
*Tychius bicolor*, 170  
*T. brevicollis*, 170  
*T. clavipes*, 170  
*T. fasciatus*, 170  
*T. flavicollis*, 170  
*T. sp. nr. haematopus*, 170  
*T. kirbyi*, 170  
*T. medius*, 170  
*T. quinquepunctatus*, 170  
*T. sericellus*, 170  
*T. squamulatus*, 170  
*T. tomentosus*, 170  
TYDEIDAE, 23  
*Tydeus californicus*, 24  
*T. electus*, 24  
*T. gloveri*, 24  
*T. kochi*, 24  
*T. sp. nr. anconai*, 24  
*T. sp. nr. mississippiensis*, 24  
*T. sp. nr. obstinatus*, 24  
*T. stari*, 24  
*Tylopsis gracilis*, 58  
*T. liliifolia*, 58  
*Typhlocyba cruenta*, 104  
*Typhaea stercorea*, 183  
*Typhlocyba lactea*, 125  
*T. pteridis*, 125  
*T. rosae*, 125  
TYPHLOCYBIDAE, 125  
*Typhlodromips caspiensis*, 28  
*Typhlodromus athiasae*, 28  
*T. bagdasariani*, 28  
*T. intercalaris*, 28  
*T. kazachstanicus*, 26  
*T. kerkirac*, 26  
*T. kettanehi*, 28  
*T. largoensis*, 26  
*T. okanogensis*, 28  
*T. oleivorus*, 17  
*T. perbibus*, 28  
*T. redemacheri*, 28  
*T. rhenanus*, 28  
*T. tiliarum*, 28  
*T. umbraticus*, 27  
*T. vulgaris*, 28  
*T. zwolferi*, 27  
*Tyrodromus patruelis*, 170  
TYROGLYPHIDAE, 13  
*Tyroglyphus farinae*, 13, 14  
*T. sp.*, 14  
*Tyrophagus brauni*, 14  
*T. dimidiatus*, 14  
*T. entomophagous*, 14  
*T. putrescentiae*, 14  
*T. spp.*, 14  
*Ulema melanopus*, 153  
*Ulobaris loricata*, 170  
*Ulochlaena hirta*, 224  
*Unaspis evonymi*, 117



- Unicola* sp.,37  
*Unionicola* sp.,37  
 UNIONICOLIDAE,37  
*Unkanodes tanasijevisi*,110  
 UROCERIDAE,280  
*Urolepis* sp.,279  
*Uroleucon achilleae*,98  
*U. aeneus*,98  
*U. bielawaskii*,98  
*U. campanulae*,98  
*U. carthami*,98  
*U. caspicum*,98  
*U. chondrillae*,98  
*U. cichorii*,99  
*U. cirsii*,99  
*U. compositae*,99  
*U. cousinia*,99  
*U. elbursicum*,99  
*U. erigeronsis*,99  
*U. hymenocephali*,99  
*U. hypochoeridis*,99  
*U. iranicum*,99  
*U. jaceae*,99  
*U. muralis*,99  
*U. ochropus*,99  
*U. picridis*,99  
*U. sonchi*,99  
*U. tanacetii*,99  
*U. tortuosissimae*,99  
*U. tussilaginis*,99  
*U. virgatae*,99  
*Urobovella marginata*,29  
 UROPODIDAE,28  
 URSIDAE,3  
*Ursus arctos*,3  
*Utetheisa pulchella*,200  
*U. pulchella* form *semisignata*,200  
*Uvarovistia angustae*,58  
*U. bakhhiara*,58  
*U. iraka*,58  
*U. satunini*,58  
*U. zebra*,58  
*Uvarovium dirshi*,48  
*U. femorale*,48  
*Uzeliella lubbocki*,66  
*Vadonia bicolor*,145  
*V. unipunctata*,145  
*Valgus hemipterus*,192  
*Vanessa atalanta*,226  
*V. cardui*,226,279,284  
*V. io*,226  
*V. polychloros*,226  
*V. urticae*,226  
*V. xanthomelas*,226  
*Variimorda fuscata*,183  
*Varroa jacobsoni*,29  
 VARROIDAE,29  
*Vasates aceris-crumena*,17  
*V. cornatus*,17  
*V. quadripetes*,17  
*V. schlechtendali*,17  
*Vastatex destructor*,17  
*V. lycopersici*,17  
*Ventocoris falcatum*,83  
*V. fischeri*,83  
*V. horvath*,83  
*V. oblongum*,83  
*V. putoni*,83  
*Varax mimula*,256  
 VERMIPSYLLIDAE,260  
*Vespa crabro*,284  
*V. crabro caspica*,284  
*V. germanica*,284  
*V. orientalis*,284  
 VESPIDAE,284  
*Vespula germanica*,284  
*Vibidia duodecimgutata*,161  
*Villa albifacies*,244  
*Volucella zonaria*,254  
*Voraspis adlei*,118  
*Voria ruralis*,257  
*Vosseleriana dentata*,48  
*V. paradoxa*,49  
*V. picta onerosa*,49  
*Websteriella blanchardi*,115  
*Wesmaelius navasi*,127  
*Wilhelmia mediterraneum*,253  
*W. paraequinum*,253  
*W. turgaicum*,253  
*Wiltshirella fusiformis*,49  
*Winthemia quadripustulata*,257  
*Wohlfahrtia magnifica*,252  
*Xanthogramma pedisequum*,254  
*Xanthia ocellaris*,216  
*Xanthodes graellsii*,224  
*Xanthogaleruca luteola*,152  
*Xenocheila zarudnyi*,49  
*Xenopsylla astia*,259  
*X. buxtoni*,259  
*X. cheopis*,259  
*X. conformis*,259  
*X. conformis conformis*,259  
*X. gerbilli*,259  
*X. gerbilli gerbilli*,259  
*X. nubica*,259  
*X. nuttalli*,259  
*X. persica*,259  
*Xerophila krynickii*,12  
*Xerophilaphis alexandrae*,96  
*X. anuraphidoides*,96  
*X. elongata*,97  
*X. sexautilica*,99  
*X. suaedae*,99  
*Xestia miniago*,217  
*Xiphidium fuscum*,51  
*Xiphidria prolongata*,285  
 XIPHYDRIIDAE,285  
*Xorides corcyrensis*,276  
*Xyleborus dispar*,192  
*X. dryographus*,194  
*X. saxeseni*,194  
*X. xylographus*,194  
*Xyletinus pallens*,128  
*Xylocopa aestivens*,285  
*X. valga*,285  
*X. violacea*,285  
 XYLOCOPIDAE,285  
*Xylogenes dilatatus*,130  
*Xylomania conspicillaris*,224  
*Xylomyges anatolica*,224  
*Xylonites reflexicauda*,130  
*Xylopertha reflexicauda*,130  
*Xyloterus signatus*,194  
*Xylotrechus antilope*,151  
*X. arvicola*,151  
*X. rusticus*,151

