

CHECKLIST OF TURKISH COCCOIDEA (HEMIPTERA: STERNORRYNCHA) SPECIES

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Abstract: The super family Coccoidea (Hemiptera: Sternorrhyncha) or scale insects, contains many agricultural pests throughout the world. The last checklist for Türkiye was published in 2013, and included 359 species in 12 families. Here we update the list which now has 409 species belonging to 150 genera in 20 families. The family Diaspididae is the most speciose family with 120 species in 46 genera, followed by Pseudococcidae with 120 species in 41 genera, and Coccidae with 72 species in 30 genera. The other families included in the list are Acanthococcidae (36 species, 12 genera), Asterolecaniidae (12 species, 4 genera), Dactylopiidae (1 species, 1 genus), Cerococcidae (2 species, 1 genus), Cryptococcidae (2 species, 2 genera), Eriococcidae (2 species, 1 genus), Kermesidae (12 species, 2 genera), Leconodiaspididae (1 species, 1 genus), Marchalinidae (2 species, 1 genus), Margarodidae (9 species, 2 genera), Matsucoccidae (2 species, 1 genus), Micrococcidae (1 species, 1 genus), Monophlebidae (3 species, 3 genera), Ortheziidae (3 species, 1 genus), Phoenicococcidae (1 species, 1 genus), Putoidae (4 species, 1 genus) and Rhizoecidae (5 species, 2 genera).

Özet: Coccoidea üstfamilyası (Hemiptera: Sternorrhyncha) tüm dünyada birçok zararlı türe sahiptir. Türkiye’de bulunan coccidlerin kontrol listesi en son 2013 tarihinde yayınlanmış olup liste 12 familyaya ait 359 tür içermektedir. Bu çalışmada 20 familyaya bağlı 150 cins içerisinde bulunan 409 tür olacak şekilde güncellenmektedir. Tür sayısı bakımından Diaspididae familyası 46 cinsle bağlı 120 tür ile en çok türü barındıran familya iken bunu 41 cinsten 120 tür ile Pseudococcidae familyası ve 30 cinsle ait 72 tür ile Coccidae familyası takip etmektedir. Diğer familyalar Acanthococcidae (36 tür, 12 cins), Asterolecaniidae (12 tür, 4 cins), Dactylopiidae (1 tür, 1 cins), Cerococcidae (2 tür, 1 cins), Cryptococcidae (2 tür, 2 cins), Eriococcidae (2 tür, 1 cins), Kermesidae (12 tür, 2 cins), Leconodiaspididae (1 tür, 1 cins), Marchalinidae (2 tür, 1 cins), Margarodidae (9 tür, 2 cins), Matsucoccidae (2 tür, 1 cins), Micrococcidae (1 tür, 1 cins), Monophlebidae (3 tür, 3 cins), Ortheziidae (3 tür, 1 cins), Phoenicococcidae (1 tür, 1 cins), Putoidae (4 tür, 1 cins) and Rhizoecidae (5 tür, 2 cins) olarak listelenmiştir.

Introduction

Due to the fact that Türkiye is a bridge between continents, its climate and geographical features change in short distances. Türkiye is a small continent in terms of biodiversity with its forest, mountain, steppe, wetland, coastal and marine ecosystems, their different forms and combinations. This extraordinary diversity of ecosystems and habitats also includes significant species diversity. Öncüer (1991) listed 2391 parasitic and predatory species of insect pests in Türkiye. Scale insect species (Hemiptera: Sternorrhyncha) are well-known insects with important agricultural pests in Türkiye as well as in the world. The first records about these pests were printed in

Arabic letters during the Ottoman Empire making it difficult for today's scientists to read. However, some scale insect species found in Türkiye were included in some publications abroad (Fahringer 1912, Lindinger 1912). In fact, it is known that during the Ottoman Empire period, *Icerya purchasi* Maskell (Hemiptera: Monophlebidae) caused major problems in citrus fields in Chios and was released by importing *Rodalia cardinalis* Mustant (Coleoptera: Coccinellidae) from abroad in 1910 as a treatment (Bodenheimer 1953, Düzeş 1970). The same species was brought by Süreyya Özek who Türkiye’s first Entomologist and lecturer, in 1922, and



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was produced in Istanbul Halkalı Agricultural High School and used where necessary (Düzgüneş 1970). Özek & Hovasse (1928) published a study examining the damage of *Marchalina hellenica* Gennadius (Hemiptera: Marchalinidae) in the Istanbul Islands. During the War of Independence (1919-1922), silkworm production could not be made due to the heavy invasion of *Pseudaulacaspis pentagona* Targioni Tozzetti (Hemiptera: Diaspididae) on the mulberry trees around Bursa, and for the control of this pest, Bursa Sericulture Station Manager Tahir Yetmen founded in Florence in 1933 by *Encarsia (Prospaltella) berlesii* (Howard) (Hymenoptera: Aphelenidae) was brought and released (Bodenheimer, 1953). Invited as an “expert” by the Republic of Türkiye, Prof. F.S. Bodenheimer was personally between 1932 and 1934 where he constituted to the basic studies on scale insects in Türkiye (Bodenheimer 1941, 1949, 1952, 1953). Later, many researchers continued to work on the species, biology, hosts, distribution, damage and control of Turkish Scale Insects Özkök (1941), Schmitshek (1953), Düzgüneş (1952, 1957, 1969, 1970, 1982); Çanakçıoğlu (1977), Öncüler (1977), Selmi (1979), Yaşar (1990, 1991, 1995), Yaşar et al. 1995, Erler et al. (1996), Özkazanç & Yücel (1985), Önder et al. (2000). After specialization of Dr. Bülent Yaşar, Dr. Selma Ülgentürk (in the 1990s) and Dr.M. Bora Kaydan (in the 2000s) on Scale insects, the studies on this subject gained momentum (Kaydan 2011, 2014a,b, 2015; Kaydan et al. 2001a, b, 2002, 2004, 2005 a, b, 2008, 2013a,b, 2014a, b,c, 2015 a, b, Kaydan & Gavrilov 2010; Kaydan & Kozár 2008, 2010 a, b; 2011a,b; Kozár et al. 2013; Kaymak & Yaşar 2017; Ülgentürk 2002, 2015, 2016a,b; Ülgentürk & Toros 1996, 1999; Ülgentürk et al. 2001, 2003, 2009, 2012 a, b, 2013, 2014, 2016, 2019 a, b; Ülgentürk & Ayhan 2011, 2014, Ülgentürk & Kozar 2011, Ülgentürk & Mohammed 2016; Ülgentürk & Özdemir 2018). Öncüler et al. (2001) was presented 176 species of Coccoidea recorded from Türkiye, belonging to 13 families and 84 genera. After that Kaydan et al. (2013 a) listed 359 species belonging to 134 genera in 18 families. In the 15 years following this last study, many publications have been made and it has been determined that many invasive species have entered Türkiye, as well as the identification of many new species for the world. On the other hand, in the light of recent studies in the world, there have been changes in the name and location of many taxa. This situation has caused confusion and mistakes in practice. As all over the world, Scalenet remains the main reference source for Scale Insects (Garcia Morales et al., 2016). However, during the examinations made in Scalenet, there were many errors and deficiencies in the reports of Türkiye scale insect species. It is thought that this situation is due to the fact that the English reviews made by non-subject experts are taken as a basis rather than the original Turkish publications and the mistakes made in the compilations are repeated. For this reason, there was a need to reconsider and update the list of scale insects species in Türkiye. In this study, it is aimed to add new species to the list made by Kaydan et al. (2013), as well as to update the changed scientific names, their hosts

and geographical distribution in Türkiye and present them to the information of relevant scientists and users.

Materials and Methods

Since the last scale insect list which was made by Kaydan et al. (2013), several studies on scale insects in Türkiye were carried out by Bolu (2018) Çiftçi & Bolu (2021), Elekçioğlu & Kaydan (2021), Develioğlu et al. (2018), Erözmen & Yaşar (2018), Kaydan (2014a, b, 2015 a, b), Kaydan et al. (2014a, b, c, d; 2021), Kaymaz & Yaşar, (2017), Keçe Çalışkan et al. 2015, Keçe Çalışkan & Ulusoy (2017); Kozár et al. (2013); Mohammed et al. (2016); Ülgentürk (2015, 2016a,b), Ülgentürk & Ayhan (2014); Ülgentürk & Mohammed (2016), Ülgentürk & Özdemir (2018), Ülgentürk et al. 2014a, b, 2016, 2019a, b), Yerlikaya et al. (2021). In this study all these studies are reviewed and new records about of scale insects, their host plants and distributions added in the new list.

Results and Discussions

The insect species richness of Türkiye is always dynamic as a result of different climate characteristics of different sub-geographical regions in the country and it is thought that this dynamism will be continuing in future, for example, scale insect reaches over 409 species.

The evaluation of former and most recent data on scale insects in Türkiye, revealed that Diaspididae is the most species-rich family with 120 species in 46 genera, followed by the Pseudococcidae 120 species in 41 genera, and the Coccidae with 72 species in 30 genera. The other families have: Acanthococcidae (36 species, 12 genera), Asterolecaniidae (12 species, 4 genera), Dactylopiidae (1 species, 1 genus), Cerococcidae (2 species, 1 genus), Cryptococcidae (2 species, 2 genera), Eriococcidae (2 species, 1 genus), Kermesidae (12 species, 2 genera), Leconodiaspididae (1 species, 1 genus), Marchalinidae (2 species, 1 genus), Margarodidae (9 species, 2 genera), Matsucoccidae (2 species, 1 genus), Micrococcidae (1 species, 1 genus), Monophlebidae (3 species, 3 genera), Ortheziidae (3 species, 1 genus), Phoenicococcidae (1 species, 1 genus), Putoidae (4 species, 1 genus) and Rhizoecidae (5 species, 2 genera) (Table 1).

The species listed in Table 1 were organized according to their distributions with respect to 7 different regions in Türkiye known as Mediterranean Region (1), Eastern Anatolian Region (2), Aegean Region (3), South-East Anatolian Region (4), Black Sea Region (5), Marmara Region (6) and Central Anatolian Region (7).

As a result, even when only scale insects are considered, how rich Türkiye's biodiversity is has been revealed. Carrying out these studies with other orders and families will contribute to the planning of necessary methods for revealing Türkiye's biodiversity, taking measures for its protection, and the control of agriculturally important pests.

Table 1. Coccoidea (Hemiptera) species of Türkiye.

Species	Host plant	Distribution
ACANTHOCOCCIDAE		
Anophococcus		
1. <i>A. agropyri</i> (Borchsenius)	<i>Scabiosa</i> sp.	1
2. <i>A. cingulatus</i> Kiritchenko	<i>Stipa</i> sp.	7
3. <i>A. cynodontis</i> Kiritchenko	<i>Cynodon</i> sp., <i>Cynodon dactylon</i>	3, 6, 7
4. <i>A. herbaceus</i> (Danzig)	<i>Cynodon dactylon</i>	6, 7
5. <i>A. lerzanae</i> Kaydan & Kozár	<i>Bromus</i> sp.	2
6. <i>A. selmae</i> Kaydan & Kozár	<i>Phalaris</i> sp.	2
Acanthococcus		
7. <i>A. aceris</i> Signoret	<i>Quercus</i> sp., <i>Platanus orientalis</i>	2
8. <i>A. devoniensis</i> (Green)	<i>Erodium</i> sp., <i>Veronica multifida</i> , <i>Salvia</i> sp., <i>Acroptilon repens</i> , <i>Taraxacum</i> sp., <i>Achillea</i> sp., <i>Cichorium intybus</i>	2, 7
9. <i>A. greeni</i> (Newstead)	<i>Festuca</i> sp., <i>Agropyron</i> sp., <i>Poa</i> sp.	2, 7
10. <i>A. istresianus</i> (Goux)	<i>Helichrysum</i> sp., Asteraceae, <i>Cynodon</i> sp.	2
11. <i>A. insignis</i> Newstead	<i>Quercus</i> sp.	2
12. <i>A. kilinceri</i> Kaydan	<i>Quercus</i> sp.	6
13. <i>A. melnikensis</i> Hodgson and Trencheva	<i>Quercus</i> sp.	7
14. <i>A. roboris</i> Goux	<i>Quercus</i> sp.	2
15. <i>A. salicis</i> (Borchsenius)	<i>Salix alba</i>	2
16. <i>A. saxatilis</i> (Kritchenko)	<i>Euphorbia</i> sp., <i>E. sequieriana</i>	2
Borchseniococcus		
17. <i>B. duzgunesae</i> Kaydan & Kozár	<i>Pandera pilosa</i>	2
Gossyparia		
18. <i>G. spuria</i> (Modeer)	<i>Ulmus</i> sp.	1, 2, 6, 7
Kaweckia		
19. <i>K. vanensis</i> Kaydan	Poaceae	2
Kotejacoccus		
20. <i>K. turcicus</i> Kaydan & Kozár	<i>Quercus</i> sp.	2
Neoacanthococcus		
21. <i>N. atlihani</i> Kaydan & Kozár	<i>Tamarix</i> sp.	2
Orontesicoccus		
22. <i>O. lauri</i> Erkiç	<i>Laurus nobilis</i>	1
Rhizococcus		
23. <i>R. astragali</i> Kaydan	<i>Astragalus</i> sp.	2
24. <i>R. evinae</i> Kaydan	<i>Euphorbia</i> sp.	2
25. <i>R. kondariensis</i> Borchsenius	<i>Agropyron repens</i>	2
26. <i>R. micracanthus</i> (Danzig)	<i>Salvia</i> sp., <i>Scabiosa</i> sp.	2, 6
27. <i>R. munroi</i> (Boratynsky)	<i>Minuartia anatolica</i> , <i>Crepis</i> sp.	7, 6
28. <i>R. nedimi</i> Kaydan	<i>Euphorbia</i> sp.	2
29. <i>R. pseudinsignis</i> Green	<i>Agropyron repens</i> , <i>Bromus</i> sp., <i>Bromus inermis</i> , <i>Cynodon dactylon</i> , <i>Dianthus crinitus</i>	7
30. <i>R. tavnani</i> Goux	Poaceae	2, 6
31. <i>R. terrestris</i> Matesova	<i>Medicago sativa</i>	2, 7
32. <i>R. thymi</i> (Schrank)	<i>Anchusa</i> sp., <i>Artemisia vulgaris</i> , <i>Centaurea solstitialis</i> ,	7
33. <i>R. variabilis</i> Goux	<i>Thymus</i> sp.	7
34. <i>R. zernae</i> (Tereznikova)	<i>Cynodon dactylon</i> , <i>Artemisia vulgaris</i> , <i>Agropyron</i> sp., <i>A. repens</i> , <i>Triticum orientale</i>	7
Uhleria		
35. <i>U. araucariae</i> Maskell	<i>Araucaria</i> sp.	6
ASTEROLECANIIDAE		
Asterodiaspis		
36. <i>A. bella</i> (Russell)	<i>Quercus</i> sp.	2, 7
37. <i>A. hadzibeyliae</i> Borchsenius	<i>Quercus</i> sp.	7
38. <i>A. ilicicola</i> (Targioni Tozzetti)	<i>Quercus</i> sp., <i>Q. coccifera</i>	1, 3, 6
39. <i>A. mina</i> (Russell)	<i>Quercus</i> sp.	2
40. <i>A. minus</i> (Lindinger)	<i>Q. coccifera</i>	1, 3, 7
41. <i>A. quercicola</i> (Bouche)	<i>Quercus</i> sp., <i>Q. branti</i>	2
42. <i>A. repugnans</i> (Russell)	<i>Quercus</i> sp.	1, 2, 6
43. <i>A. variolasa</i> (Ratzeburg)	<i>Quercus</i> sp., <i>Q. aegilops</i> , <i>Q. coccifera</i>	7

Planchonia 44. <i>P. arabis</i> Signoret 45. <i>P. zanthenes</i> (Russel)	<i>Crambe</i> sp. Unknown	7 Unknown
Pollinia 46. <i>P. pollini</i> (Costa)	<i>Olea</i> sp., <i>O. europaea</i>	1, 3, 4
Rusulaspis 47. <i>R. pustulans</i> (Cockerell)	<i>Nerium oleander</i>	1
CEROCOCCIDAE		
Cerococcus 48. <i>C. perowskiae</i> Archangelskaya 49. <i>C. polyporus</i> (Matesova)	<i>Artemisia</i> sp., <i>A. fragrans</i> <i>Thymus</i> sp.	Unknown 5
CRYPTOCOCCIDAE		
Cryptococcus 50. <i>C. fagisuga</i> Lindinger	<i>Fraxinus orientalis</i>	5
Pseudohermes 51. <i>P. fraxini</i> (Kaltenbach)	<i>F. excelsior</i>	6
COCCIDAE		
Acanthopulvinaria 52. <i>A. orientalis</i> (Nasonov)	<i>Noae</i> sp., <i>N. mucronata</i>	2, 7
Anapulvinaria 53. <i>A. pistaciae</i> (Bodenheimer)	<i>Pistacia atlantica</i> , <i>P. terebinthus</i> , <i>P. vera</i>	1, 2, 4, 6, 7
Bodenheimera 54. <i>B. rachelae</i> (Bodenheimer)	<i>Vitex agnus-castus</i>	1, 7
Ceroplastes 55. <i>C. ceriferus</i> (Fabricius) 56. <i>C. floridensis</i> Comstock 57. <i>C. japonicus</i> Green 58. <i>C. rusci</i> (Linnaeus) 59. <i>C. sinensis</i> Del Guercio	<i>Acer palmatum</i> cv <i>atropurpureum</i> Polyfag on ornamentals and fruits, <i>Cedrus libani</i> <i>Acer negundo</i> , <i>A. pseudoplatanus</i> , <i>Aesculus hippocastaneum</i> , <i>Hedera helix</i> , <i>Laurus nobilis</i> , <i>Morus alba</i> , <i>Malus flibribunda</i> , <i>Nerium oleander</i> , <i>Pistaciae</i> sp., <i>Ulmus campestris</i> Polyfag on ornamentals and fruits Polyfag on ornamentals and fruits, <i>Actinidia deliciosa</i>	6 1, 3 6 1, 3 5
Coccus 60. <i>C. hesperidum</i> Linnaeus 61. <i>C. pseudomagnoliarum</i> (Kuwana)	Polyfag on ornamentals and fruits, <i>Cedrus libani</i> , <i>Pinus</i> sp., <i>Picea orientalis</i> Polyfag on ornamentals and fruits	1, 5, 6, 7 1, 2, 3, 6, 7
Didesmococcus 62. <i>D. unifasciatus</i> (Archangelskaya)	<i>Prunus persicae</i>	2
Eriopeltis 63. <i>E. festucae</i> (Boyer de Fonscolombe)	<i>Alopecurus myosuroides</i> , <i>Agropyron</i> sp., <i>A. repens</i> , <i>Festuca</i> sp.	2, 7
Eucalymnatus 64. <i>E. tessellatus</i> (Signoret)	<i>Phoenix</i> sp.	7
Eulecanium 65. <i>E. ciliatum</i> (Douglas) 66. <i>E. cerasorum</i> (Cockerell) 67. <i>E. ficiphilum</i> Borchsenius 68. <i>E. pistaciae</i> Borchsenius 69. <i>E. rugulosum</i> (Archangelskaya) 70. <i>E. sericeum</i> Lindinger 71. <i>E. takachihoi</i> (Kuwana) 72. <i>E. tiliae</i> (Linnaeus) 73. <i>E. transvittatum</i> (Green)	<i>Jasminum fruticans</i> , <i>Acer campestre</i> , <i>A. pseudoplatanus</i> , <i>Crataegus monogyna</i> , <i>C. oxycantha</i> ., <i>Ribes</i> sp., <i>Cydonia</i> sp. <i>Malus</i> sp. <i>Quercus</i> sp., <i>Q. robor</i> <i>Ficus carica</i> <i>Pistacia</i> sp. <i>Prunus persica</i> <i>Abies cilicica</i> , <i>A. bornmuelleriana</i> <i>Vitex agnus-castus</i> Polyfag on ornamental and fruits <i>Acer negundo</i>	7 7 2 2 1 2, 5 1 1, 2, 6, 5, 7 7
Exaeretopus 74. <i>E. agropyri</i> (Hadzibejli) 75. <i>E. formiceticola</i> Newstead 76. <i>E. tritici</i> Williams	<i>Poa bulbosa</i> <i>Aegilops</i> sp., Poaceae <i>Bromus tectorum</i> , <i>Triticum vulgare</i>	7 2, 7 2, 7
Filippia 77. <i>F. follicularis</i> (Targioni Tozzetti)	<i>Fraxinus</i> sp., <i>Jasminum</i> sp., <i>Olaea</i> sp., <i>Olea europaea</i> , <i>Phyllyrea</i> sp., <i>Pyrus communis</i> , <i>Viburnum</i> sp., <i>Viscum album</i>	1, 3, 4, 6, 7

Lecanopsis		
78. <i>L. turcica</i> (Bodenheimer)	<i>Agropyron</i> sp.	7
79. <i>L. subterranea</i> (Gomez-Menor Ortega)	Poaceae	2
80. <i>L. taurica</i> Borchsenius	Poaceae	2
Lichtensia		
81. <i>L. viburni</i> Signoret	<i>Viburnum</i> sp., <i>V. viburnum tinus</i> , <i>Hedera helix</i> , <i>Olea oleaster</i> , <i>Phillyrea</i> sp.	3, 6
Luzulaspis		
82. <i>Luzulaspis filizae</i> Kaydan	<i>Carex</i> sp.	1
Nemolecanium		
83. <i>N. aptii</i> (Bodenheimer)	<i>Abies nordmanniana</i>	5
84. <i>N. abietis</i> Borchsenius	<i>Abies bornmuelleriana</i> , <i>A. nordmanniana</i>	5, 7
Neopulvinaria		
85. <i>N. innumerabilis</i> (Rathvon)	<i>Acer negundo</i> , <i>Catalpa bignonioides</i> , <i>Crateagus monagyna</i> , <i>Morus alba</i> , <i>Quercus</i> sp., <i>Parthenocissus quinquefolia</i> , <i>P. quinquefolia</i> , <i>Robinia pseudoacacia</i> , <i>Spiraea</i> sp., <i>Tilia</i> sp., <i>Vitis vinifera</i>	6, 7
Palaeolecanium		
86. <i>P. bituberculatum</i> (Signoret)	Ployfag on Rosaceae	1, 2, 4, 6, 7
87. <i>P. kosswigi</i> Bodenheimer	<i>Pyrus elaeagnifolia</i>	4
Parasaissetia		
88. <i>P. nigra</i> (Nietner)	<i>Myrtus communis</i>	1
Parthenolecanium		
89. <i>P. corni</i> (Bouché)	Polyfag on fruits, <i>Morus alba</i> , <i>Robinia pseudoacacia</i> , <i>Vitis vinifera</i> , <i>Morus alba</i> , <i>Prunus armeniaca</i> , <i>Prunus persicae</i> , <i>Elaeagnus</i> sp.	2, 3, 5, 6, 7
90. <i>P. persicae</i> (Fabricius)	Stone fruits	6, 7
91. <i>P. pomeranicum</i> (Kawecki)	<i>Taxus buccata</i>	3, 6
92. <i>P. pruinosum</i> (Coquillett)	<i>Philadelphus corenarius</i>	Unknown
93. <i>P. rufulum</i> (Cockerell)	<i>Quercus</i> sp., <i>Q. rubra</i>	6, 7
94. <i>P. tamaricis</i> (Bodenheimer) *	<i>Tamarix pallasii</i>	7
Physokermes		
95. <i>P. piceae</i> (Schrank)	<i>Abies bornmuelleriana</i> , <i>Picea pungens</i> , <i>P. abies</i> (<i>P. excelsa</i>)	6, 7
96. <i>P. hellenicus</i> Kozár and Gounari	<i>Abies bornmuelleriana</i> , <i>A. cilicica</i>	1, 5, 7
Poaspis		
97. <i>Poaspis intermediata</i> Goux	<i>Pinus brutia</i>	6
Pulvinaria		
98. <i>P. floccifera</i> (Westwood)	Polyfag on ornamental and fruits	1, 5, 6
99. <i>P. terrestris</i> Borchsenius	<i>Crataegus</i> sp.	7
100. <i>P. tremulae</i> Signoret	<i>Populus</i> sp.	2
101. <i>P. vitis</i> (Linnaeus)	<i>Cydonia oblonga</i> , <i>Malus communis</i> , <i>Quercus</i> sp., <i>Platanus orientalis</i> , <i>Prunus armeniaca</i> , <i>Pyrus communis</i> , <i>Rosa</i> sp., <i>Salix</i> sp., <i>Ostrya carpinifolia</i> , <i>Vitis</i> sp., <i>V. vinifera</i>	2, 3, 6, 7
102. <i>Pulvinaria peregrina</i> (Borchsenius)	<i>Hibiscus</i> sp.	5
Pulvinariella		
103. <i>P. mesembryanthemi</i> (Vallot)	<i>Aptenia cordifolia</i> , <i>Carpobrotus aciniformis</i>	3, 7
Rhizopulvinaria		
104. <i>R. artemisiae</i> (Signoret)	<i>Acantholimon echinus</i> , <i>Acanthophyllum</i> sp., <i>Artemisia</i> sp., <i>Cerastium</i> sp., <i>Dianthus</i> sp., <i>Gypsophila</i> sp., <i>Scutellaria</i> sp., <i>Teucrium polium</i> , Crucifera	2, 7
105. <i>R. dianthi</i> (Bodenheimer)	<i>Artemisia</i> sp., <i>Astragalus</i> sp., Caryophyllaceae, Crasullaceae	2
106. <i>R. grandicula</i> Borchsenius	<i>Acantholimon</i> sp., <i>Achillae</i> sp., <i>Artemisia vulgaris</i> , <i>Comphorosoma</i> sp., <i>Eryngium campastre</i> , <i>Helychrysum</i> sp., Hypericaceae	2
107. <i>R. hissarica</i> Borchsenius	<i>Dianthus</i> sp.	7
108. <i>R. halli</i> Borchsenius	<i>Pyrethrum</i> sp., <i>Tanacetum</i> sp., <i>Alyssum</i> sp., <i>Silene</i> sp.	2
109. <i>R. megriensis</i> Borchsenius	<i>Silene</i> sp., Primulaceae, <i>Acantholimon</i> sp., <i>Artemisia</i> sp., <i>Alyssum</i> sp., <i>Dianthus</i> sp., <i>Veronica multifida</i>	2, 7
110. <i>R. pyrethri</i> Borchsenius	<i>Jasminum</i> sp., <i>J. fructicans</i> , <i>Veronica</i> sp., <i>Thymus</i> sp., <i>Alyssum</i> sp.	7
111. <i>R. spinifera</i> Borchsenius	<i>Artemisia</i> sp., <i>Dianthus</i> sp., Rubiaceae	2, 7
112. <i>R. turkestanica</i> (Archangelskaya)	<i>Buplerum</i> sp., <i>Dianthus</i> sp., <i>Veronica</i> sp., Boraginaceae	2
113. <i>R. turkmenica</i> Borchsenius	Lamiaceae	2
114. <i>R. variabilis</i> Borchsenius	<i>Artemisia vulgaris</i> , <i>Verbascum</i> sp., Brassicaceae <i>Dianthus</i> sp.	2
115. <i>R. viridis</i> Borchsenius		2

Rhodococcus		
116. <i>R. perornatus</i> (Cockerell & Parrott)	<i>Rosa</i> sp., <i>R. cinnamomea</i> , <i>R. canina</i> , <i>R. damascena</i> , <i>Rosa pimpinellifolia</i>	1, 3, 7
117. <i>R. turanicus</i> Archangelskaya	<i>Prunus domestica</i> , <i>Prunus armeniaca</i>	2
Saissetia		
118. <i>S. coffeae</i> (Walker)	Polyfag on ornamental plants and fruits	5, 6, 7
119. <i>S. oleae</i> (Olivier)	<i>Olea</i> sp., <i>Cycas evolute</i> , <i>Tamarix</i> sp.	1, 3, 4, 6
Scythia		
120. <i>S. craniumequinum</i> Kiritchenko	<i>Agropyron</i> sp., <i>Festuca</i> sp.	7
121. <i>S. festucei</i> Sulc	<i>Festuca</i> sp., Poaceae	2
Sphaerolecanium		
122. <i>S. prunastri</i> (Boyer de Fonscolombe)	Stone fruits	1, 2, 3, 5, 6, 7
Vittacoccus		
123. <i>Vittacoccus longicornis</i> (Green)	In the soil	2
DACTYLOPIIDAE		
Dactylopius		
124. <i>D. coccus</i> Costa	<i>Opuntia ficus-indica</i>	1
DIASPIDIDAE		
Abgrallaspis		
125. <i>A. cyanophylli</i> (Signoret)	<i>Brasiliopuntia brasiliensis</i> , <i>Chamaecerasus silvestri</i> , <i>Cactus</i> spp. <i>Dianthus caryophyllus</i> , <i>Senecio bicolor</i> , <i>Gasteria maculata</i> (= <i>Gasteria bicolor</i> var. <i>bicolor</i>), <i>G. verrucosa</i> (= <i>G. carinata</i> var. <i>verrucosa</i>)	3, 6, 7
Acanthomytilus		
126. <i>A. sacchari</i> (Hall)	<i>Sorghum halepense</i>	1, 4
Aonidia		
127. <i>A. lauri</i> (Bouche)	<i>Laurus nobilis</i>	1, 4, 6
128. <i>A. mediterranea</i> (Lindinger)	<i>Cupressus sempervirens</i> , <i>Juniperus</i> sp., <i>P. brutia</i>	1
Aonidiella		
129. <i>A. aurantii</i> (Maskell)	<i>Acacia</i> spp., <i>Citrus</i> spp., <i>Rosa</i> spp., <i>Amaranthus viridis</i>	1, 3
130. <i>A. citrina</i> (Coquillett)	<i>Acacia cultiformis</i> , <i>Catalpa bignonioides</i> , <i>Ceratonia siliqua</i> , <i>Citrus</i> spp., <i>Elaeagnus angustifolia</i> , <i>Hedera helix</i> , <i>Euonymus</i> spp., <i>Jasminum</i> spp., <i>Vitis vinifera</i> , <i>Rosa</i> spp.	1, 3
Aspidiotus		
131. <i>A. hedericola</i> Leonardi	<i>Laurus nobilis</i> , <i>Hedera helix</i>	1, 3, 6
132. <i>A. nerii</i> Bouche	<i>Acacia cultiformis</i> , <i>A. cyanophylla</i> , <i>Aucuba japonica</i> , <i>Asparagus acutiformis</i> , <i>Campsis radicans</i> , <i>Canna indica</i> , <i>Cedrus libani</i> , <i>Citrus limon</i> , <i>Cycas revoluta</i> , <i>Hedera helix</i> , <i>Jasminum</i> sp., <i>Laurus nobilis</i>	1, 3, 5, 6
Aulacaspis		
133. <i>A. rosae</i> (Bouché)	<i>Rosa</i> sp., <i>Rubus fruticosus</i>	1, 5, 6
134. <i>A. yasumatsui</i> Takagi	<i>Cycas revoluta</i>	1
Batarasa		
135. <i>Batarasa lumampao</i> Takagi	<i>Bambusa siamensis</i>	7
Carulaspis		
136. <i>C. juniperi</i> (Bouché)	<i>Cupressus sempervirens</i> , <i>Juniperus excelsa</i> , <i>Platycladus orientalis</i> (= <i>Thuja orientalis</i>)	1, 3
137. <i>C. minima</i> (Signoret)	<i>Arceuthos drupacea</i> , <i>Chamaecyparis lawsoniana</i> , <i>Cupressus arizonica</i> , <i>Juniperus communis</i> , <i>Platycladus orientalis</i> (= <i>Thuja orientalis</i>)	1, 6
Chlidaspis		
138. <i>C. asiatica</i> (Archangelskaya)	<i>Prunus communis</i> (= <i>P. domestica</i>)	1
Chionaspis		
139. <i>C. austriaca</i> Lindinger	<i>Pinus</i> sp.	2
140. <i>C. etrusca</i> Leonardi	<i>Tamarix</i> sp., <i>T. pallasii</i> (= <i>T. laxa</i>)	1, 2, 3, 5, 7
141. <i>C. kabyliensis</i> Balachowsky	<i>Cedrus libani</i>	1, 7
142. <i>C. lepineyi</i> Balachowsky	<i>Quercus</i> sp.	2
143. <i>C. salicis</i> (Linnaeus)	<i>Populus alba</i> , <i>P. canadensis</i> , <i>P. nigra</i> , <i>P. tremuloides</i> , <i>Salix alba</i> , <i>S. babylonica</i> , <i>Ulmus</i> sp.	1, 2, 3, 5, 7

Chrysomphalus 144. <i>C. aonidum</i> (Linnaeus) 145. <i>C. dictyospermi</i> (Morgan) 146. <i>C. pinnulifer</i> (Maskell)	<i>Citrus limon</i> , <i>C. sinensis</i> , <i>Palmae</i> , <i>Aloe</i> sp., <i>Persea americana</i> <i>Aralia</i> spp., <i>Buxus microphylla</i> , <i>Citrus aurantium</i> , <i>C. bigaradia</i> , <i>C. limon</i> , <i>C. sinensis</i> , <i>Ceratonia siliqua</i> , <i>Dracena</i> spp., <i>D. deremensis</i> , <i>Eriobotrya japonica</i> , <i>Senecio bicolor</i> , <i>Persea americana</i> <i>Euonymus japonica</i> , <i>Ficus carica</i> , <i>Taxus</i> sp.	3, 5, 7 1, 3, 5 1, 3, 5
Contigaspis 147. <i>C. zillae</i> (Hall)	<i>Acantholium</i> sp., <i>Artemisia</i> sp., <i>Gallium</i> sp., <i>Compositae</i>	2, 4
Chortinaspis 148. <i>C. subterranea</i> (Lindinger)	<i>Agropyron</i> sp.	7
Diaspidiotus 149. <i>D. anatolicus</i> (Bodenheimer) 150. <i>D. armenicus</i> (Borchsenius) 151. <i>D. caucasicus</i> (Borchsenius) 152. <i>D. distinctus</i> (Leonardi) 153. <i>D. elaeagni</i> (Borchsenius) 154. <i>D. gigas</i> (Thiem & Gerneck) 155. <i>D. jaapi</i> (Leonardi) 156. <i>D. kaussarii</i> Balachowsky 157. <i>D. lenticularis</i> (Lindinger) 158. <i>D. marani</i> (Zahradník) 159. <i>D. osborni</i> (Newell & Cockerell) 160. <i>D. ostreaeformis</i> (Curtis) 161. <i>D. perniciosus</i> (Comstock) 162. <i>D. prunorum</i> (Laing) 163. <i>D. pyri</i> (Lichtenstein) 164. <i>D. sulci</i> (Balachowsky) 165. <i>D. transcaspensis</i> (Marlatt) 166. <i>D. uvae</i> (Comstock) 167. <i>D. wuenni</i> (Lindinger) 168. <i>D. zonatus</i> (Frauenfeld)	<i>Prunus dulcis</i> (= <i>Prunus amygdalus</i> , = <i>Amygdalus communis</i>) <i>Amygdalus</i> spp. <i>Populus alba</i> , <i>P. nigra</i> , <i>Salix</i> sp., <i>Ulmus</i> sp. <i>Populus</i> sp., <i>P. nigra</i> v. <i>pyramidalis</i> , <i>Salix</i> sp., <i>Quercus</i> sp. <i>Ephedra campylopoda</i> <i>Astragalus</i> sp. <i>Populus</i> sp., <i>Salix</i> sp. <i>Cedrus libani</i> , <i>Pinus brutia</i> <i>Salix alba</i> <i>Prunus avium</i> <i>Fraxinus</i> sp., <i>Fraxinus excelsior</i> , <i>Malus sylvestris</i> , <i>Platanus orientalis</i> , <i>Prunus domestica</i> , <i>Pyrus communis</i> <i>Salix</i> sp., <i>Prunus domestica</i> <i>Populus nigra</i> , <i>Salix</i> sp. <i>Pistacia</i> sp. Polyfag on ornamentals and fruits <i>Prunus armeniaca</i> , <i>P. domestica</i> , <i>P. dulcis</i> <i>Malus sylvestris</i> , <i>Salix</i> spp. <i>Ephedra</i> sp. <i>Salix</i> sp. <i>Celtis siliquasrum</i> L., <i>F. excelsior</i> , <i>P. orientalis</i> , <i>Paulownia tomentosa</i> , <i>Jacaranda mimosifolia</i> , <i>R. Pseudoacacia</i> <i>Alnus</i> sp. <i>Quercus</i> sp. <i>Fagus orientalis</i> , <i>Juglans regia</i> , <i>Salix</i> spp., <i>Ulmus americana</i>	7 2, 5 2, 5, 6, 7 1 7 2, 5, 6 1, 3 2 6 1, 2, 5, 6, 7 4 2, 3, 5, 6, 7 1, 2, 5, 7 2 2, 5, 6, 7 2, 7 2 1 7 2, 5, 7
Discodiaspis 169. <i>D. salicorniae</i> (Gómez-Menor Ortega)	Unknown	2
Diaspis 170. <i>D. boisduvalii</i> Signoret 171. <i>D. bromeliae</i> (Kerner) 172. <i>D. echinocacti</i> (Bouché) 173. <i>D. syriaca</i> Lindinger	<i>Orchis</i> sp., <i>Palmae</i> <i>Orchis</i> sp. <i>Cactus</i> sp., <i>Opuntia ficus-indica</i> <i>Pistacia terebinthus</i> , <i>P. vera</i>	7 7 1, 7 1
Duplachionaspis 174. <i>D. berlesii</i> (Leonardi) 175. <i>D. erianthi</i> Borchsenius 176. <i>D. natalensis</i> (Maskell) 177. <i>D. noaeae</i> (Hall)	<i>Artrocneum glaucum</i> <i>Sorghum halepense</i> <i>Phragmites australis</i> <i>Noaea</i> sp., <i>N. mucronata</i>	1 1, 4 1 2, 7
Dynaspidiotus 178. <i>D. abieticola</i> (Koroneos) 179. <i>D. abietis</i> (Schränk) 180. <i>D. atlanticus</i> (Balachowsky) 181. <i>D. britannicus</i> (Newstead)	<i>Abies bornmülleriana</i> , <i>Cedrus libani</i> <i>Abies</i> sp., <i>Pinus</i> sp. <i>Olea europea</i> <i>Cedrus libani</i> , <i>Ceratonia siliqua</i> , <i>Daphne</i> sp., <i>Hedera helix</i> , <i>Laurus nobilis</i> , <i>Olea europaea</i> , <i>Myrtus communis</i> , <i>Pistacia lentiscus</i>	7 7, 5, 6 1 1, 3, 5, 6, 7
Epidiaspis 182. <i>E. gennadii</i> (Leonardi) 183. <i>E. leperii</i> (Signoret) 184. <i>E. salicis</i> (Bodenheimer)	<i>Pistacia</i> sp. <i>Pistacia</i> sp., <i>Prunus</i> sp., <i>P. domestica</i> , <i>Aesculus hippocastaneum</i> <i>Salix</i> sp.	1, 4, 5, 7 1, 4, 5, 6, 7 2

Fiorinia 185. <i>F. fioriniae</i> (Targioni Tozzetti)	<i>Livistona chinensis</i> , <i>Palmae</i> sp., <i>Phoenix</i> spp., <i>Ruscus hypoglossum</i>	1
Furchadaspis 186. <i>F. zaniae</i> (Morgan)	<i>Bricardia vinicera</i> , <i>Cycas revoluta</i> , <i>Palmae</i>	6
Gomezmenoraspis 187. <i>G. pinicola</i> Leonardi 188. <i>G. nr. pinicola</i> (Leonardi)	<i>Pinus brutia</i> , <i>P. halepensis</i> , <i>P. pinea</i> <i>Cedrus libani</i>	1, 3, 5, 6 1, 7
Genistaspis 189. <i>G. zelihae</i> Bodenheimer	<i>Genista joubertii inops</i>	7
Gonaspidiotus 190. <i>G. minimus</i> (Leonardi) 191. <i>G. seurati</i> (Marchal)	<i>Quercus coccifera</i> , <i>Q. dschrochensis</i> , <i>Q. ilex</i> <i>Thuja</i> sp.	1, 3, 6 Unknow
Hemiberlesia 192. <i>H. lataniae</i> (Signoret) 193. <i>H. rapax</i> (Comstock)	<i>Prunus dulcis</i> (= <i>Prunus amygdalus</i> = <i>Amygdalus communis</i>), <i>Strelitzia</i> sp., <i>Olea europae</i> <i>Actinidia deliciosa</i> , <i>Euonymus japonica</i>	3, 6 3, 5, 6
Kuwanaspis 194. <i>K. pseudoleucaspis</i> (Kuwana)	<i>Bambusa</i> sp.	6
Lepidosaphes 195. <i>L. beckii</i> (Newman) 196. <i>L. conchiformis</i> (Gmelin) 197. <i>L. gloverii</i> (Packard) 198. <i>L. granati</i> Koroneos 199. <i>L. juniperi</i> Lindinger 200. <i>L. malicola</i> Borchsenius 201. <i>L. newsteadi</i> (Šulc) 202. <i>L. pinnaeformis</i> (Bouché) 203. <i>L. pistaciae</i> Archangelskaya 204. <i>L. serrifrons</i> (Leonardi) 205. <i>L. ulmi</i> (Linnaeus)	<i>Citrus</i> spp. <i>Malus sylvestris</i> ?? <i>Ficus carica</i> , <i>Lamiaceae.</i> , <i>Rhammus</i> spp., <i>Ulmus</i> spp. <i>Citrus aurantium</i> , <i>C. limon</i> , <i>C. sinensis</i> <i>Acacia cultriform</i> , <i>Celtis</i> sp., <i>Ficus carica</i> , <i>Platanus orientalis</i> , <i>Punica granatum</i> , <i>Ulmus</i> sp., <i>U. glabra</i> <i>Cedrus libani</i> , <i>Pinus nigra</i> , <i>Thuja occidentalis</i> <i>Acer negundo</i> , <i>Fraxinus excelsior</i> , <i>Malus communis</i> , <i>Populus</i> sp. <i>Prunus</i> sp., <i>P. armeniaca</i> , <i>P. serrulata</i> , <i>Pyrus communis</i> , <i>Juglans regia</i> , <i>Salix</i> sp. <i>Abies bornmuelleriana</i> , <i>A. pinsapo</i> , <i>Picea pungens</i> Poifag on ornamentals and fruits <i>Malus sylvestris</i> , <i>Pistacia lentiscus</i> , <i>P. tenebinthus</i> , <i>P. vera</i> Unknow <i>Acer negundo</i> , <i>Bauhinia</i> sp., <i>Cotoneaster horizontalis</i> , <i>Crateagus</i> sp., <i>Juglans regia</i> , <i>Malus</i> sp., <i>M. communis</i> , <i>Pyrus communis</i> , <i>Quercus</i> sp., <i>Rosa canina</i> , <i>R. domascena</i> , <i>Salix</i> sp., <i>Syringa vulgaris</i> , <i>Vitis vinifera</i> , <i>P. brutia</i>	1, 3, 7 1, 3 1, 3, 5 1, 2 3, 5, 6, 7 2, 7 6, 7 1, 4 2, 3, 4, 5 3 1, 2, 3, 4, 5, 6, 7
Leucaspis 206. <i>L. knemion</i> Hoke 207. <i>L. lowi</i> Colvée 208. <i>L. pini</i> (Hartig) 209. <i>L. pusilla</i> Löw 210. <i>L. riccae</i> Targioni Tozzetti	<i>Pinus</i> sp., <i>P. silvestri</i> <i>Pinus</i> sp., <i>P. nigra</i> <i>Cedrus libani</i> , <i>Olea europea</i> , <i>Pinus pinea</i> , <i>P. brutia</i> <i>Cedrus</i> spp., <i>Pinus</i> sp. <i>P. brutia</i> , <i>P. halepensis</i> , <i>P. pinea</i> <i>Ephedra</i> spp., <i>Euphorbia</i> spp., <i>Olea europea</i>	4, 6 1, 2, 3, 5, 6, 7 1, 3, 6, 7 1, 3, 6, 7 1, 4
Lineaspis 211. <i>L. striata</i> (Newstead) 212. <i>L. nr. striata</i> (Newstead)	<i>Thuja</i> spp., <i>T. occidentalis</i> , <i>Cupressus</i> sp., <i>C. sempervirens</i> , <i>Arceuthobium</i> sp. <i>Juniperus</i> sp.	1 2
Lopholeucaspis 213. <i>L. japonica</i> (Cockerell)	<i>Citrus</i> sp.	5
Melanaspis 214. <i>M. inopinata</i> (Leonardi)	<i>Arbutus unedo</i> , <i>Bauhinia</i> sp., <i>Celtis</i> sp., <i>Cercis siliquastrum</i> , <i>Malus communis</i> , <i>Prunus</i> sp., <i>P. avium</i> , <i>Pyrus communis</i> , <i>Astragalus</i> sp.	1, 2, 7
Mercetaspis 215. <i>M. halli</i> (Green) 216. <i>M. sureyanus</i> (Bodenheimer)	<i>Astragalus</i> spp?? (Probably this record is <i>M. sureyanus</i>), <i>Prunus armeniaca</i> , <i>Prunus domestica</i> , <i>P. armeniaca</i> , <i>Astragalus</i> sp.	1, 2, 4, 7 2, 7
Mohelnaspis 217. <i>M. massiliensis</i> (Goux)	<i>Alopecurus myosuroides</i> , <i>A. agrestis</i> , <i>Cynodon</i> sp.	7
Oceanaspidiotus 218. <i>O. spinosus</i> (Comstock)	<i>Viburnum tinus</i>	1
Odonaspis 219. <i>O. greeni</i> Cockerell 220. <i>O. serrata</i> Ben-Dov	<i>Bambusa siamensis</i> <i>Bambusa siamensis</i>	7 7

Parlatoria		
221. <i>P. crotonis</i> Douglas	<i>Citrus</i> sp.	1, 2, 7
222. <i>P. oleae</i> (Colvée)	<i>Eriobotrya</i> sp., <i>Fraxinus</i> sp., <i>Rosa</i> sp., <i>Malus sylvestris</i> , <i>Prunus</i> spp., <i>Syringa vulgaris</i>	1, 2, 3, 4, 6, 7
223. <i>P. parlatoriae</i> (Šulc)	<i>Abies bornmülleriana</i>	5, 7
224. <i>P. pergandii</i> Comstock	<i>Citrus</i> spp., <i>Malus sylvestris</i>	1, 2
225. <i>P. ziziphi</i> (Lucas)	<i>Asparagus</i> spp., <i>Citrus</i> spp.	1, 2
Parlatoreopsis		
226. <i>P. longispina</i> (Newstead)	<i>Acacia cultiformis</i> , <i>Acer rubrum</i> , <i>Orchis</i> spp., <i>Celtis</i> sp.	1
Pinnaspis		
227. <i>P. aspidistrae</i> (Signoret)	<i>Asplenium</i> spp., <i>Aspidistra elatior</i>	6
Pseudaulacaspis		
228. <i>P. pentagona</i> (Targioni Tozzetti)	Polyfag on ornamental and fruit plants, <i>Actinidia deliciosa</i>	1, 2, 5, 6, 7
Prodiaspis		
229. <i>P. tamaricicola</i> (Malenotti)	<i>Tamarix pallasii</i> (= <i>T. laxa</i>), <i>T. pentandra</i>	2, 3, 7
Poliaspiones		
230. <i>P. bambusae</i> Ülgentürk & Pellizari	<i>Bambusa</i> sp.	2
Rhizaspidiotus		
231. <i>R. balachowskyi</i> Kozar & Matile-Ferrero	Poaceae	2
232. <i>R. bivalvatus</i> Goux	<i>Artemisia</i> sp.	2
233. <i>R. canariensis</i> (Lindinger)	<i>Cirsium arvense</i>	7
234. <i>R. donacis</i> (Leonardi)	<i>Phragmites australis</i>	1
Salicicola		
235. <i>S. archangelskyae</i> (Lindinger)	<i>Fraxinus excelsior</i> , <i>Olea europea</i> , <i>Quercus</i> sp., <i>Prunus avium</i> , <i>P. armeniaca</i> , <i>P. domestica</i> , <i>Crateagus</i> sp., <i>Pyrus communis</i> , <i>P. pyraeaster</i>	1, 5, 7
236. <i>S. davatchi</i> Balachosky & Kaussari	<i>Pistacia terebinthus</i> , <i>Pistacia vera</i>	2
237. <i>S. kermanensis</i> (Lindinger)	<i>Salix alba</i> , <i>Populus</i> sp., <i>P. nigra</i>	1, 2
238. <i>S. pistaciae</i> (Lindinger)	<i>Pistacia</i> spp., <i>P. lentiscus</i>	1, 3, 4
Targionia		
239. <i>T. nigra</i> Signoret	<i>Gleditschia</i> spp.	1
240. <i>T. porifera</i> (Borchsenius)	<i>Pandera pilosa</i>	2
241. <i>T. vitis</i> (Signoret)	<i>Aesculus hippocastaneum</i> , <i>Castanea crenata</i> , <i>Vitis vinifera</i> , <i>Quercus</i> sp.	1, 6, 7
Torosaspis		
242. <i>T. cedricola</i> Balachowsky & Alkan	<i>Cedrus</i> sp., <i>C. libani</i>	2, 3, 4, 6, 7
243. <i>T. turcica</i> Ülgentürk & Kozár	<i>Pinus brutia</i>	1
Unaspis		
244. <i>U. euonymi</i> (Comstock)	<i>Buxus sempervirens</i> , <i>Rosa</i> spp., <i>Eunoymus argentata</i> , <i>E. japonicus</i>	1, 2, 5, 6, 7
ERIOCCIDAE		
Eriococcus		
245. <i>E. buxi</i> (Boyer de Fonscolombe)	<i>Buxus sempervirens</i>	5, 6
246. <i>E. williamsi</i> Danzig	<i>Buxus</i> sp.	5
KERMESIDAE		
Kermes		
247. <i>K. bekiri</i> Bodenheimer	<i>Quercus aegilops</i>	3
248. <i>K. bacciformis</i> Leonardi	<i>Quercus</i> sp.	1
249. <i>K. nr. bacciformis</i>	<i>Quercus</i> sp.	2
250. <i>K. greeni</i> Bodenheimer	<i>Quercus coccifera</i>	1, 3
251. <i>K. hermonensis</i> Spodek & Ben-Dov	<i>Quercus infectoria</i>	4
252. <i>K. muhlisi</i> Bodenheimer	<i>Quercus</i> sp.	1
253. <i>K. roboris</i> (Fourcroy)	<i>Quercus</i> sp.	2
254. <i>K. sadrii</i> Bodenheimer	<i>Quercus aegilops</i>	2
255. <i>K. safinazae</i> Ozkok	<i>Quercus</i> sp., <i>Q. cerris</i>	1
256. <i>K. vermilio</i> Planchon	<i>Quercus coccifera</i> , <i>Q. ilex</i> , <i>Q. suber</i>	1, 3, 7
Nidularia		
257. <i>N. balachowskii</i> Bodenheimer	<i>Quercus</i> sp.	4
258. <i>N. pulvinata</i> (Planchon)	<i>Quercus</i> sp., <i>Q. coccifera</i> , <i>Q. ithaburensis</i>	Unknow

LECANODIASPIDIDAE		
Lecanodiaspis 259. <i>L. sardoa</i> Targioni Tozzetti	<i>Cistus</i> sp., <i>Cistus albida</i>	3, 6
MARGARODIDAE		
Neomargarodes 260. <i>N. festucae</i> Archangelskaya 261. <i>N. aristidae</i> Borchsenius 262. <i>N. setosus</i> Borchsenius	<i>Festuca</i> spp., <i>F. ovina</i> Poaceae, <i>Bromus</i> sp., <i>Stipa</i> sp. Poaceae, <i>Stipa</i> sp.	7 2 2
Porphyrophora 263. <i>P. hamelii</i> Brandt 264. <i>P. minuta</i> Borchsenius 265. <i>P. tritici</i> (Bodenheimer) 266. <i>P. polonica</i> (Linnaeus) 267. <i>P. jashenkoi</i> Vahedi 268. <i>P. jakubskii</i> Vahedi	<i>Cynodon</i> sp. <i>Diplotaxis tenuifolia</i> , <i>Cardaria draba</i> Poaceae <i>Lens culinaris</i> Poaceae Poaceae	2 7 4, 7, 2 4 2 2
MARCHALINIDAE		
Marchalina 269. <i>M. hellenica</i> (Gennadius) 270. <i>M. caucasica</i> Hadzibejli	<i>Pinus brutia</i> , <i>P. halepensis</i> , <i>P. pinea</i> , <i>P. silvestris</i> <i>Abies nordmanniana</i> , <i>Picea orientalis</i>	1, 3, 6 5
MATSUCCOCCIDAE		
Matsucoccus 271. <i>M. josephi</i> Bodenheimer & Harpaz 272. <i>M. pini</i> Green	<i>Pinus</i> sp., <i>P. brutia</i> , <i>P. pinea</i> <i>Pinus</i> sp., <i>P. sylvestris</i>	1, 3 1, 3, 7
MONOPHLEBIDAE		
Gueriniella 273. <i>G. serratulae</i> (Fabricius)	<i>Cichorium intybus</i>	1, 3, 6, 7
Icerya 274. <i>I. purchasi</i> Hempel	Polyfag on ornamental plants	1, 3, 5, 6
Palaecoccus 275. <i>P. fuscipennis</i> (Burmeister)	<i>Pinus</i> sp., <i>P. brutia</i>	1, 3, 6
MICROCOCCIDAE		
Micrococcus 276. <i>M. similis</i> Leonardi	Poaceae	6
ORTHEZIIDAE		
Orthezia 277. <i>O. urticae</i> (Linnaeus) 278. <i>O. maroccana</i> Kozár & Konczné Benedicty 279. <i>O. yashushii</i> Kuwana	Polyfagus <i>Astragalus</i> sp., <i>Gallium</i> sp., <i>Eryngium campastre</i> , <i>Noneae</i> sp., <i>Thymus</i> sp. <i>Astragalus</i> sp., <i>Thymus</i> sp.	1, 6, 7 2 2
PHOENICOCOCCIDAE		
Phoenicococcus 280. <i>Phoenicococcus marlatti</i> Cockerell	<i>Phoenix dactylifera</i>	1
PSEUDOCOCCIDAE		
Antonina 281. <i>A. graminis</i> (Maskell)	<i>Festuca</i> sp., Poaceae	2, 7
Artemicoccus 282. <i>A. bispinus</i> (Borchsenius)	<i>Artemisia</i> sp.	7
Atrococcus 283. <i>A. arakeliana</i> (Ter-Grigorian) 284. <i>A. achilleae</i> (Kiritchenko) 285. <i>A. ater</i> Goux 286. <i>A. cracens</i> Williams 287. <i>A. indigens</i> (Borchsenius) 288. <i>A. paludinus</i> (Green) 289. <i>A. parvulus</i> (Borchsenius) 290. <i>A. saxatilis</i> (Ter-Grigorian)	<i>Salvia</i> sp., <i>Matricaria</i> sp. Compositae, <i>Acantholimon</i> sp., <i>Centaurea</i> sp., <i>Melilotus alba</i> , <i>Ranunculus</i> sp., <i>Scabiosa</i> sp., <i>Scolzoneria</i> sp., <i>Sideritis</i> sp., <i>Stachys</i> sp., <i>Verbascum</i> sp., <i>Veronica</i> sp., <i>V. multifida</i> <i>Seteria</i> sp. <i>Centaurea</i> sp., <i>Medicago sativa</i> , Chenopodiaceae, Fabaceae. <i>Astragalus</i> sp. <i>Teucrium</i> sp., <i>Senecio</i> sp., <i>Centaurea</i> sp. <i>Artemisia</i> sp., <i>Digitalis</i> sp., <i>Euphorbia</i> sp., <i>Galium</i> sp., <i>Verbascum</i> sp. <i>Salvia</i> sp., Asteraceae, <i>Phlomis</i> sp., <i>Salvia</i> sp., Caryophyllaceae	2 7 7 2 2 7 2 2 2, 7

Bromusicoccus 291. <i>B. gulsunae</i> Kaydan	<i>Bromus</i> sp.	2
Ceroputo 292. <i>C. pilosellae</i> Šulc	<i>Euphorbia</i> sp., <i>E. sequieriana</i> , <i>Heliotrophium europium</i> , <i>Sanguisorba minor</i> , <i>Salvia</i> sp.	1, 2, 7
Chaetococcus 293. <i>C. bambusae</i> (Maskell) 294. <i>C. phragmitis</i> (Marchal)	<i>Bambusa</i> sp. <i>Phragmites</i> sp.	5, 7 2, 7
Chorizococcus 295. <i>C. rostellum</i> (Lobdell)	Poaceae, <i>Setaria viridis</i>	1
Coccidohystrix 296. <i>C. artemisiae</i> (Kiritchenko) 297. <i>C. zsuzsanna</i> Kaydan	<i>Artemisia</i> sp. Asteraceae	7 2
Coccura 298. <i>C. circumscripta</i> (Kritchenko) 299. <i>C. comari</i> (Kunow)	Unknown <i>Sanguisorba minor</i>	2 5
Crisicoccus 300. <i>C. matesovae</i> (Danzig)	<i>Juniperus</i> sp.	2
Dysmicoccus 301. <i>D. brevipens</i> (Cockerell)	<i>Ananas comosus</i>	2
Euripersia 302. <i>E. amnicola</i> Borchsenius	<i>Festuca</i> sp., <i>Hordeum</i> sp., <i>Stipa</i> sp., <i>S. holosteta</i> , Juncaceae, Poaceae	2
Erimococcus 303. <i>Erimococcus ozani</i> Kaydan	<i>Suaeda</i> sp.	2
Fonscocolombia 304. <i>F. europaea</i> (Newstead) 305. <i>F. ulusoyi</i> Kaydan	Unknown <i>Stipa</i> sp. - <i>Festuca</i> sp. (Poaceae)	2 2
Heliococcus 306. <i>H. bohemicus</i> Šulc 307. <i>H. glacialis</i> (Newstead) 308. <i>H. radicularis</i> Goux 309. <i>H. saxatilis</i> Borchsenius 310. <i>H. sulcii</i> Goux	<i>Phlomis</i> sp. <i>Medicago</i> sp. <i>Dianthus</i> sp., <i>Achillea millefolium</i> , <i>Aethionema arabicum</i> , <i>Condrilla</i> sp., <i>Carduus pycnocephalus</i> , <i>Daucus</i> sp., <i>Diploaxis</i> <i>tenuifolia</i> , <i>Erodium</i> sp., <i>Eryngium campestre</i> , <i>Lactuca</i> sp., <i>L.</i> <i>seriola</i> , <i>Malva</i> sp., <i>Sisymbrium</i> sp., <i>Stachys</i> sp., <i>Verbascum</i> sp., Asteraceae, Compositae, <i>Nepeta</i> sp., <i>Carduus pycnocephalus</i> <i>Marrubium</i> sp.	2 2 2, 7 2 7
Heterobrevennia 311. <i>H. gullanae</i> Kaydan 312. <i>H. kozari</i> Kaydan 313. <i>H. opertus</i> Borchsenius	Poaceae <i>Cynodon dactylon</i> <i>Agropyron repens</i> , <i>Cynodon dactylon</i>	2 2 2, 7
Heterococcus 314. <i>H. nudus</i> (Green) 315. <i>H. tritici</i> (Kiritshenko)	<i>Agropyron</i> sp., <i>A. repens</i> , <i>Echinochloa crus-galli</i> , <i>Festuca</i> <i>arundinaceae</i> , <i>F. rubra</i> , <i>Hordeum murinum</i> , <i>Lolium</i> sp., <i>L.</i> <i>perenne</i> , <i>Seteria</i> sp., <i>S. viridis</i> , <i>Sorghum</i> sp., <i>Stipa</i> sp., Poaceae <i>Avena</i> sp., <i>Cynodon dactylon</i> , <i>Elymus caput-medusae</i>	2, 7 7
Longicoccus 316. <i>L. affinis</i> (Ter-Grigorian) 317. <i>L. clarus</i> (Borchsenius) 318. <i>L. festucae</i> (Koteja) 319. <i>L. longiventris</i> (Borchsenius) 320. <i>L. psammophilus</i> (Koteja)	<i>Hordeum bulbosa</i> , <i>Agropyron repens</i> <i>Cynodon dactylon</i> , Poaceae <i>Poa pratensis</i> , <i>Stipa</i> sp. <i>Hordeum bulbosa</i> , <i>Poa pratensis</i> <i>Aegilops</i> sp., <i>Agropyron repens</i> , <i>Hordeum murinum</i> , <i>Poa</i> <i>bulbosa</i>	2, 7 2, 7 7 7 7

Metadenopus 321. <i>M. ankaranus</i> (Bodenheimer) 322. <i>M. festucae</i> Šulc 323. <i>M. halogetonis</i> Matesova	<i>Festuca ovina</i> Poaceae Unknown	7 2 2
Mirococcopsis 324. <i>M. ammophila</i> Bazarov&Nurmamatov 325. <i>M. avetianae</i> ter-Grigorian 326. <i>M. elongatus</i> Borchsenius 327. <i>M. multicircularia</i> Kaydan &Gavrilov 328. <i>M. subalpina</i> (Danzig) 329. <i>M. teberdae</i> (Danzig)	Brassicaceae, <i>Thymus</i> sp. <i>Papaver</i> sp. Poaceae <i>Festuca</i> sp., <i>Stipa</i> sp. Poaceae Poaceae Poaceae	2 2 7 2 2 2
Mirococcus 330. <i>M. inermis</i> (Hall)	<i>Polygonum</i> sp., <i>Salsola kali</i> , <i>Amaranthus viridis</i> , <i>Atriplex</i> sp., <i>Cardaria draba</i> , <i>Chenopodium</i> sp., <i>C. album</i> , <i>Diptotaxis tenuifolia</i> , <i>Heliotropium europaeum</i> , <i>Polygonum aviculare</i> , <i>Sinapis arvensis</i> , <i>Sisymbrium altissimum</i> , <i>Xanthium strumarium</i>	2
Neotrionymus 331. <i>N. monstatus</i> Ter-Grigorian	<i>Phragmites</i> sp., <i>Phragmites communis</i>	2, 7
Nipaeoccus 332. <i>N. viridis</i> (Newstead) 333. <i>N. nipae</i> (Maskell) 334. <i>N. delassusi</i> (Balachowsky)	<i>Robinia pseudacacia</i> Polyfag on fruit plats <i>Erica australis</i>	6 6 5
Palmicultor 335. <i>P. palmarum</i> (Ehrhorn)	<i>Washingtonia</i> sp.	3
Pararhodania 336. <i>P. armema</i> Ter-Grigorian	<i>Achillea</i> sp. <i>Taraxanum</i> sp.	
Peliococcopsis 337. <i>P. priesneri</i> (Laing)	<i>Cynodon dactylon</i>	2, 7
Peliococcus 338. <i>P. agriensis</i> Kaydan 339. <i>P. kimmericus</i> (Kiritshenko) 340. <i>P. chersonensis</i> (Kiritshenko) 341. <i>P. salviae</i> Hadzibejli 342. <i>P. turanicus</i> (Kiritshenko)	<i>Asteraceae</i> <i>Cuminum cyminum</i> <i>Artemisia</i> sp., <i>A. fragrans</i> , <i>A. vulgaris</i> , <i>Globularia</i> sp., <i>Solanum tuberosum</i> , <i>Cardaria draba</i> , <i>Sinapis arvensis</i> , <i>Tragopogon</i> sp., <i>Veronica</i> sp. <i>Carduus</i> sp., <i>Phlomis</i> sp., Crucifera <i>Achillea</i> sp., <i>A. millefolium</i> , <i>Artemisia</i> sp., <i>Cardaria</i> sp., <i>C draba</i> , <i>Crepis</i> sp., <i>Cichorium</i> sp., <i>C. intybus</i> , <i>Convolvulus arvensis</i> , <i>Descuarinia sophia</i> , <i>Diptotaxis tenuifolia</i> , <i>Euphorbia</i> sp., <i>Falcaria vulgaris</i> , <i>Medicago</i> sp., <i>Salvia</i> sp., <i>Senecio</i> sp., <i>Scolzenera</i> sp., <i>Sisymbrium</i> sp., <i>Sonchus</i> sp., <i>S. arvensis</i> , <i>Tragopogon</i> sp., <i>Turgenia latifolia</i> , <i>Xanthium strumarium</i> sp.	2 2, 7 2, 7 2, 7 2
Pelionella 343. <i>P. kansui</i> Kaydan 344. <i>P. manifestata</i> Borchsenius 345. <i>P. tritubulata</i> (Kiritshenko)	Roots of <i>Salvia</i> sp., <i>Elytrigia repens</i> and some undetermined plant species <i>Euphorbia</i> sp., <i>Turgenia latifolia</i> , <i>Centaurea solstitialis</i> , <i>Echium</i> sp., <i>Sonchus</i> sp. <i>Euphorbia</i> sp., <i>E. sequieriana</i>	2 2, 7 2
Pellizzaricoccus 346. <i>P. gabrielis</i> Kozár	<i>Eriobotrya japonica</i>	5

Phenacoccus		
347. <i>P. aceris</i> (Signoret)	<i>Acer</i> sp., <i>A. campestre</i> , <i>A. negundo</i> , <i>A. platanoides</i> , <i>A. pseudoplatanus</i> , <i>Betula</i> sp., <i>Eunoymus japonicus</i> , <i>Aesculus hippocastaneum</i> , <i>Juglans regia</i> , <i>Robinia pseudoacacia</i> , <i>Ficus carica</i> , <i>Fraxinus americana</i> , <i>F. excelsior</i> , <i>Platanus orientalis</i> , <i>Cotoneaster</i> sp., <i>Crataegus</i> sp., <i>Cydonia oblonga</i> , <i>Malus communis</i> , <i>Mespilus germanica</i> , <i>Prunus</i> sp., <i>P. domestica</i> , <i>P. persica</i> , <i>P. spinosa</i> , <i>Pyrus communis</i> , <i>Tilia</i> sp.	1, 7
348. <i>P. angustatus</i> Borchsenius	<i>Poa</i> sp.	2
349. <i>P. avenae</i> Borchsenius	<i>Agrostis feniuss</i> , <i>Avena</i> sp., <i>A. sterilis</i> , <i>Bifora radians</i> , <i>Bromus inermis</i> , <i>Carduus pycnocephalus</i> , <i>Cynodon dactylon</i> , <i>Centaurea</i> sp., <i>Diploaxis tenuifolia</i> , <i>Echium</i> sp., <i>Galium</i> sp., <i>Hordeum murinum</i> , <i>Lactuca</i> sp., <i>Lamium</i> sp., <i>Lolium</i> sp., <i>Reseda</i> sp., <i>Poa bulbosa</i> , <i>Sisymbrium</i> sp., <i>Stachys</i> sp.	2
350. <i>P. arambourgi</i> Balachowsky	<i>Cedrus libani</i>	1
351. <i>P. asphodeli</i> Goux	<i>Asphodelus microcarpus</i>	7
352. <i>P. bicerarius</i> Borchsenius	<i>Lolium</i> sp.	7
353. <i>P. chatacicus</i> Kaydan & Kozár	Unknown	2
354. <i>P. emansor</i> Williams & Kozarhevskaya	Asteraceae	2
355. <i>P. eurotiae</i> Danzig	<i>Thymus</i> sp.	2
356. <i>P. evelinae</i> (Tereznikova)	<i>Cynodon dactylon</i>	7
357. <i>P. ferulae</i> Borchsenius	<i>Dactylis</i> sp., <i>Melilotus</i> sp., <i>Hordeum vulgare</i>	7
358. <i>P. graminicola</i> Leonardi	<i>Cynodon dactylon</i> , <i>Thymus</i> sp., <i>Eryngium</i> sp.	3
359. <i>P. hordei</i> (Lindeman)	<i>Hordeum vulgare</i> , <i>Bromus</i> sp.	7
360. <i>P. incertus</i> (Kiritchenko)	<i>Aegilops</i> sp., <i>Capsella bursa-pastoris</i> , <i>Centaurea</i> sp., <i>Lactuca</i> sp., Brassicaceae, Poaceae	2
361. <i>P. interruptus</i> Green	<i>Triticum vulgare</i> , <i>Cardaria draba</i> , <i>Chenopodium album</i>	7
362. <i>P. karabardi</i> Borchsenius & Ter-Grigorian	<i>Hordeum murinum</i>	2
363. <i>P. kokandicus</i> Nurmamatov	Poaceae	2
364. <i>P. loiki</i> Danzig	<i>Aegilops</i> sp., <i>Hordeum murinum</i> , <i>Secale</i> sp., Poaceae	2, 7
365. <i>P. madeirensis</i> Green	<i>Lantana camara</i> , <i>Mirabilis jalapa</i> , <i>Pelargonium</i> sp.	1, 6
366. <i>P. phenacoccoides</i> (Kiritchenko)	<i>Portulaca grandifolia</i>	7
367. <i>P. persimplex</i> Borchsenius	Unknown	7
368. <i>P. piceae</i> Löw	<i>Artemisia</i> sp., <i>Matricaria</i> sp., Apiaceae, Asteraceae	2
369. <i>P. pumilus</i> Kiritschenko	<i>Picea orientalis</i>	5
	<i>Achillea</i> sp., <i>Ajuga</i> sp., <i>Amaranthus retroflexus</i> , <i>A. viridis</i> , <i>Anthemis</i> sp., <i>Artemisia</i> sp., <i>Atriplex</i> sp., <i>Bupleurum</i> sp., <i>Caucalis</i> sp., <i>Centaurea depressa</i> , <i>C. solstitialis</i> , <i>Chenopodium</i> sp., <i>Chenopodium botrys</i> , <i>Cichorium intybus</i> , <i>Cirsium</i> sp., <i>C. arvense</i> , <i>Chondrilla</i> sp., <i>C. juncea</i> , <i>Convolvulus galaticus</i> , <i>Crepis</i> sp., <i>Crupina crupinastrum</i> , <i>Daucus</i> sp., <i>Descurainia sophia</i> , <i>Diploaxis tenuifolia</i> , <i>Echium</i> sp., <i>Echinophora tenuifolia</i> , <i>Erodium cicutarium</i> , <i>Eryngium campestre</i> , <i>Erysimum</i> sp., <i>Euclidium syriacum</i> , <i>Falcaria</i> sp., <i>Galium</i> sp., <i>Glaucium</i> sp., <i>Glaucium flavum</i> , <i>Hirschfeldia incana</i> , <i>Lactuca</i> sp., <i>L. seriole</i> , <i>Linaria</i> sp., <i>Lithospermum</i> sp., <i>Lotus corniculatus</i> , <i>Malva</i> sp., <i>Marrubium</i> sp., <i>Matthiola longipetala</i> , <i>Matricaria</i> sp., <i>Melilotus alba</i> , <i>Myosotis</i> sp., <i>Polygonum</i> sp., <i>Reseda</i> sp., <i>Reseda lutea</i> , <i>Salsola</i> sp., <i>Scandix</i> sp., <i>Scabiosa</i> sp., <i>Sideritis</i> sp., <i>Silene</i> sp., <i>Sinapis arvensis</i> , <i>Sisymbrium officinale</i> , <i>Sium</i> sp., <i>Sonchus</i> sp., <i>S. arvensis</i> , <i>Taralis</i> sp., <i>Trifolium</i> sp., <i>Tripleurospermum</i> sp., <i>Tragopogon</i> sp., <i>Turgenia</i> sp., <i>Valerianella</i> sp., <i>Verbascum</i> sp., <i>Veronica multifolia</i> , <i>Xanthium strumarium</i> , <i>Zosima absinthifolia</i>	7
370. <i>P. querculus</i> Borchsenius	<i>Quercus</i> sp.	2, 5
371. <i>P. nr. schmelevi</i> Bazarov	<i>Verbascum</i> sp., Apiaceae	2
372. <i>P. solani</i> Ferris	<i>Portulaca oleraceae</i> , <i>Oleae europae</i>	1
373. <i>P. solenopsis</i> Tinsley	<i>Amaranthus retroflexus</i> , <i>Chrysanthemum morifolium</i> , <i>Vinca rosea</i> , <i>Calendula officinalis</i> , <i>Hibiscus rosa-sinensis</i> , <i>Hibiscus syriacus</i> , <i>Capsicum annuum</i> , <i>Lycopersicon esculentum</i> , <i>Solanum melongena</i>	1
374. <i>P. strigosus</i> Borchsenius	<i>Lactuca</i> sp.	2
375. <i>P. tergrigorianae</i> Borchsenius	<i>Chenopodium</i> sp., <i>Scabiosa</i> sp., <i>Artemisia</i> sp., <i>Xanthium</i> sp., <i>Achillea</i> sp., <i>Cichorium</i> sp., <i>Eryngium</i> sp., <i>Medicago rigidula</i>	2, 7
376. <i>P. transcaucasicus</i> Hadzibejli	<i>Malus communis</i>	7
377. <i>P. yerushalmi</i> Ben-Dov	<i>Pinus brutia</i> , <i>P. sylvestris</i>	1

Planococcus 378. <i>P. citri</i> (Risso) 379. <i>P. ficus</i> (Signoret) 380. <i>P. vovae</i> (Nasonov)	Polyfag on Rutaceae and ornamental plants Polyfag on ornamental plants, <i>Ficus</i> sp., <i>Vitis</i> sp., <i>V. vinifera</i> , <i>Punica granatum</i> <i>Cupressus</i> sp., <i>C. sempervirens</i> , <i>C. goveniana</i> , <i>Juniperis</i> <i>excelsa</i> , <i>J. oxycedrus oxycedrus</i> , <i>Laurus nobilis</i> , <i>Libocetrus</i> <i>decurrens</i> , <i>Taxus baccata</i> , <i>Thuja occidentalis</i>	1, 3, 6, 7 2, 3, 6, 7 2, 1, 6, 7
Pseudococcus 381. <i>P. laingi</i> Bodenheimer 382. <i>P. comstocki</i> (Nasanov) 383. <i>P. cryptus</i> Hempel 384. <i>P. longispinus</i> (Targioni Tozzetti) 385. <i>P. viburni</i> (Signoret)	Poaceae <i>Morus</i> sp., <i>Platanus orientalis</i> , <i>Vitis vinifera</i> <i>Citrus</i> spp, Polyfag on ornamental plants Polyfag on ornamental plants, <i>Citrus</i> spp. Polyfag on ornamental plants, <i>Citrus</i> spp., <i>N. oleander</i> , <i>P.</i> <i>laurocerasus</i> , <i>Salix</i> sp., <i>Quercus</i> sp., <i>Sambucus nigra</i> L., <i>Eriobotrya japonica</i> , <i>Magnolia grandiflora</i> L.	7 2, 5, 7 1 1, 5, 6, 7 1, 6, 7
Rhodania 386. <i>R. porifera</i> Goux 387. <i>R. occulta</i> Schmutterer	<i>Festuca</i> sp., <i>Stipa</i> sp., Poaceae Poaceae	2, 7 2
Spilococcus 388. <i>S. mamillariae</i> (Bouche)	<i>Euphorbia abyssinica</i> , <i>Mammillaria daschyacantha</i>	7
Spinococcus 389. <i>S. morrisoni</i> (Kiritshenko) 390. <i>S. vashlovanicus</i> Danzig	<i>Artemisia</i> sp. <i>Centaurea</i> sp.	7 2
Stipacoccus 391. <i>S. torosae</i> Kaydan	<i>Cynodon dactylon</i>	7
Trabutina 392. <i>T. crassispinosa</i> Borchsenius 393. <i>T. mannipara</i> (Hemprich & Ehrenberg)	<i>Tamarix</i> sp. <i>Tamarix</i> sp.	1 1
Trionymus 394. <i>T. aberrans</i> Goux 395. <i>T. cressae</i> (Hall) 396. <i>T. multivorus</i> (Kiritchenko) 397. <i>T. perrisii</i> (Signoret) 398. <i>T. tomlini</i> (Green) 399. <i>T. oncueri</i> Kaydan & Yerlikaya	<i>Agropyron</i> sp., <i>A. cristatum</i> , <i>A. repens</i> , <i>Bromus tectorum</i> , <i>Cynodon dactylon</i> , <i>Echium</i> sp., <i>Echinocloa crus-galli</i> , <i>Festuca</i> sp., <i>F. arundinaceae</i> , <i>Hordeum murinum</i> , <i>H. vulgare</i> , <i>Lolium</i> <i>perenne</i> , <i>Triticum</i> sp., <i>T. vulgare</i> <i>Euphorbia</i> sp. <i>Anchusa</i> sp., <i>Bunium</i> sp., <i>Cardaria</i> sp., <i>Caucalis</i> sp., <i>Centaurea solstitialis</i> , <i>C. virgata</i> , <i>Cicer</i> sp., <i>Cichorium</i> <i>intybus</i> , <i>Cirsium</i> sp., <i>C. arvense</i> , <i>Conyza canadensis</i> , <i>Crepis</i> sp., <i>Daucus guttatus</i> , <i>D. littoralis</i> , <i>Diplotaxis tenuifolia</i> , <i>Echinophora tenuifolia</i> , <i>Echium</i> sp., <i>Eryngium</i> sp., <i>E.</i> <i>compestre</i> , <i>Euphorbia</i> sp., <i>Falcaria</i> sp., <i>Ferula</i> sp., <i>Glaucium</i> sp., <i>Lactuca</i> sp., <i>Lithospermum</i> sp., <i>Malva</i> sp., <i>Marrubium</i> sp., <i>Medicago sativa</i> , <i>Nepeta</i> sp., <i>Onobrychis</i> sp., <i>Onopordum</i> sp., <i>Papaver</i> sp., <i>Phlomis</i> sp., <i>Salvia</i> sp., <i>Sedum</i> sp., <i>Sideritis</i> sp., <i>Sonchus</i> sp., <i>Stachys</i> sp., <i>Taraxacum</i> sp., <i>Tragopogon</i> sp., <i>Turgenia</i> sp., <i>Verbascum</i> sp., <i>Xeranthemum</i> sp. <i>Aegilops</i> sp., <i>Agropyron</i> sp., <i>Elymus</i> sp., <i>Hordeum murinum</i> , <i>Caucalis</i> (cf) <i>ptatycarpus</i> <i>Koeleria</i> sp. <i>Juncus acutus</i>	2,7 7 1, 2, 7 2, 7 5 3
Volvicoccus 400. <i>Volvicoccus volvifer</i> (Goux)	<i>Aegilops</i> sp., <i>Stipa</i> sp.	2, 7
PUTOIDAE		
Puto 401. <i>P. israilensis</i> Ben-Dov 402. <i>P. megriensis</i> (Borchsenius) 403. <i>P. palinuri</i> Marotta & Tranfaglia 404. <i>P. superbis</i> (Leonardi)	<i>Quercus coccifera</i> , <i>Q. cercis</i> <i>Cnicus</i> sp. Poaceae <i>Galium</i> sp., <i>Quercus</i> sp., <i>Digitalis</i> sp.	1, 3 2 7 1, 7
RHIZOECIDAE		
Ripersiella 405. <i>R. kaydani</i> Konczné Benedicty & Kozár 406. <i>R. parva</i> (Danzig) 407. <i>R. periolana</i> Goux 408. <i>R. poltavae</i> (Laing)	<i>Narcissus</i> sp. Unknown <i>Stipa</i> sp. <i>Veronica</i> sp.	3 2 2, 7 2
Geococcus 409. <i>Geococcus coffeae</i> Green	<i>Dieffenbachia</i> sp.	1

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