

THE APHID FAUNA OF TURKEY: AN UPDATED CHECKLIST

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Abstract - This study provides a comprehensive list of Turkey aphid fauna (Hemiptera: Aphididea). A total of 466 species and 12 subspecies belonging to 141 genera and 13 tribes, are listed. The list includes all records from 1903 to 2011. The family of Aphididae comprise the highest number of species (457), followed by Adelgidae (6) and Phylloxeridae (3), respectively. Inside Aphididae, the tribe of Macrosiphini is the richest group with 197 species, whereas the tribe of Cinarini has only one species. The number of aphid species actually reported for Turkey is lower than recorded for neighboring countries, suggesting that further faunistic studies needs to improve informations on this topic.

Key words: Aphidoidea, aphid fauna, checklist, Turkey

INTRODUCTION

Turkey is a bridge between Asia and Europe and has a very rich flora, particular geographical features and various types of climates. The agricultural land use of the country is considerable, as well as its crop production. Despite these features, studies of Turkish aphid fauna are very limited. Up to the 1980s, the aphid fauna of Turkey comprised only 258 species (Çanakçıoğlu 1975). Tuatay (1991, 1993) and Düzgüneş et al. (1982) added around 33 species as new records. During the last decades, there has been a growing interest in aphid studies and 40 new records have been reported (Toros et al., 2003; Görür, 2002, 2004a, b; Aslan and Uygun, 2005; Özdemir et al., 2005). Remaudière et al. (2006) revised studies of Turkish aphid fauna and listed 417 species. More recently, Toper Kaygin et al. (2008), Eser et al. (2009), Görür et al. (2009a,b), Akyürek et al. (2010), Toper Kaygin et al. (2010), Akyıldırım et al. (2011), Tepecik et al. (2011), Barjadze et al. (2011) and Görür et al. (2011a, b) listed 49 new records of

Turkish aphid fauna. After a review of the published studies, it was realised that there were some mistakes and repetitions. In order to remove the inaccuracies and provide a correct and final checklist, all studies related with Turkey aphid fauna were examined and compared with the latest world aphid literatures.

COMPOSITION AND GENERAL STRUCTURE OF THE LIST

The list of aphids were composed following the classification system proposed by Remaudière and Remaudière (1997). The current aphid list was prepared after studying all published papers related to Turkish aphid fauna and comparing them with the latest aphid catalogues, lists and papers (Bodenheimer and Swirski, 1957; Remaudière and Remaudière, 1997; Blackman and Eastop, 1994, 2006; Holman, 2009; <http://Aphid.SpeciesFile.org>; <http://www.aphidson-worldsplants.info>; <http://www.faunaeur.org>). The presentation of each listed species is done as follows: valid name, name of author and date, and reference

Table 1. Composition of Turkish Aphid Fauna

Families/Subfamilies	Tribes/Subtribes	Genera	Species
ADELGIDAE	- -	4	6
PHYLLOXERIDAE	- -	3	3
APHIDIDAE	- -		
Anoeciinae	- -	1	1
	Aphidini	7	86
	Aphidina	2	2
	Rhopalosiphina	2	6
	Macrosiphini	57	192
Chaitophorinae	Chaitophorini	3	19
	Siphini	3	5
Calaphidinae	Calaphidini	6	6
	Panaphidini	12	39
Drepanosiphinae	-	2	4
	Eriosomatini	4	9
Eriosomatinae	Fordini	8	15
	Pemphigini	6	15
	Cinarini	1	1
	Eulachnini	3	30
Lachninae	Lachnini	6	11
	Tramini	2	2
Mindarinae	- -	1	2
Phloeomyzinae	- -	1	1
Phyllaphidinae	- -	2	3
Pterocommatinae	- -	1	2
Saltusaphidinae	- -	3	3
Thelaxinae	- -	1	3
Total	15	141	466

of the assumed first published record from Turkey, given as a capital letter in square brackets (Table 1).

RESULTS

During preparation of this list of Turkish aphid fauna, it became clear that there were several repetitions and mistakes. This study presents an updated list of 466 species and 12 subspecies that belong to 13 tribes and 141 genera of Turkey aphid fauna. The Aphididae family is represented with 457 species and 134 genera, while Adelgidae has 6 species and Phylloxeridae only 3 species. In the tribe Macrosiphini, 57 genera and 192 species are recorded, constituting the greater group of Aphididae. The other more represented tribes are Panaphidini with 12 genera and

39 species, and Aphidini with 11 genera and 94 species (Table 1).

All published studies from the 1900s to date were analyzed and a revised list of the aphidofauna of Turkey is given in Table 2.

DISCUSSION

Although recent papers have reported 490 aphid species (including subspecies) of Turkish aphidofauna, results of the present detailed study have necessitated a reduction in their number to 466 species and 12 subspecies. The overestimation was the consequence of the mistakes and misunderstandings of some of the authors. Considering the ecological, geographi-

Table 2. An updated list of the species of Turkish aphid fauna. Species names are in alphabetical order.

APHIDIDAE				
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily	
<i>Acaudinum (Protacaudinum) beheni</i> Remaudiere & Davatchi, 1959	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon caraganae</i> (Cholodkovsky, 1908)	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon daphnidis</i> Ilharco, 1996	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon euphorbiae</i> Börner, 1949	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon gossypii</i> Mordvilko, 1914	[TUATAY, 1988]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon ilka</i> Mordvilko, 1914	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon kondoi</i> Shinji, 1938	[AKYILDIRIM et al., 2011]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon loti</i> (Theobald, 1913)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon malvae</i> (Mosley, 1841)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon pisum</i> (Harris, 1776)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon scariolae</i> Nevsky, 1929	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Acyrtosiphon (Xanthomyzus) lambersi</i> Leclant & Remaudiere, 1974	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae	
<i>Allocotaphis quaestionis</i> (Börner, 1942)	[GORUR, 2002]	Macrosiphini	Aphidinae	
<i>Ammiaphis sii</i> (Koch, 1855)	[ÖZDEMİR et al., 2005]	Macrosiphini	Aphidinae	
<i>Amphorophora rubi</i> (Kaltenbach, 1843)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Anoecia corni</i> (Fabricius, 1775)	[TUATAY & REMAUDIERE, 1964]	-----	Anoeciinae	
<i>Anuraphis cachryos</i> Barbagallo & Stroyan, 1982	[ÖZDEMİR et al., 2005]	Macrosiphini	Aphidinae	
<i>Anuraphis farfarae</i> (Koch, 1854)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae	
<i>Anuraphis subterranea</i> (Walker, 1852)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Aphidura picta</i> Hille Ris Lambers, 1956	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Aphis acanthoidis</i> (Börner, 1940)	[GORUR et al., 2011b]	Aphidini	Aphidinae	
<i>Aphis acetosae</i> L. 1761	[ASLAN & UYGUN, 2005]	Aphidini	Aphidinae	
<i>Aphis affinis</i> del Guercio, 1911	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae	
<i>Aphis arbuti</i> Ferrari, 1872	[GORUR et al., 2011a]	Aphidini	Aphidinae	
<i>Aphis armata</i> Hausmann, 1802	[ÇANAKÇIOĞLU, 1966]	Aphidini	Aphidinae	
<i>Aphis ballotae</i> Passerini, 1860	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae	
<i>Aphis brotericola</i> Mier Durante, 1978	[ÖZDEMİR et al., 2005]	Aphidini	Aphidinae	
<i>Aphis brunellae</i> Schouteden, 1903	[GORUR et al., 2011b]	Aphidini	Aphidinae	
<i>Aphis callunae</i> Theobald, 1915	[TUATAY, 1993]	Aphidini	Aphidinae	
<i>Aphis catalpae</i> Mamontova, 1953	[ÇOBANOĞLU, 2000]	Aphidini	Aphidinae	
<i>Aphis chloris</i> Koch, 1854	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae	
<i>Aphis confusa</i> Walker, 1849.	[REMAUDIERE et al., 2006]	Aphidini	Aphidinae	
<i>Aphis craccae</i> Linnaeus, 1758	[GIRAY, 1974]	Aphidini	Aphidinae	
<i>Aphis craccivora</i> Koch, 1854	[DÜZGÜNES & TUATAY, 1956]	Aphidini	Aphidinae	
<i>Aphis cytisorum</i> Hartig, 1841	[GORUR et al., 2011a]	Aphidini	Aphidinae	
<i>Aphis davletshinae</i> Hille Ris Lambers, 1966	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae	
<i>Aphis euphorbiae</i> Kaltenbach, 1843	[TUATAY, 1993]	Aphidini	Aphidinae	
<i>Aphis fabae</i> Scopoli, 1763	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae	
<i>Aphis farinosa</i> IF. Gmelin, 1790	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae	

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Aphis forbesi</i> Weed, 1889	[TUATAY, 1993]	Aphidini	Aphidinae
<i>Aphis frangulae</i> Kaltenbach, 1845	[TUATAY, 1993]	Aphidini	Aphidinae
<i>Aphis galiiscabri</i> Schrank, 1801	[ÖZDEMİR et al., 2005]	Aphidini	Aphidinae
<i>Aphis genistae</i> Scopoli, 1763	[GORUR et al., 2011b]	Aphidini	Aphidinae
<i>Aphis gossypii</i> Glover, 1877	[IYRIBOZ, 1937]	Aphidini	Aphidinae
<i>Aphis hederæ</i> Kaltenbach, 1843	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis helianthii</i> Riley & Monell, 1879.	AKYUREK et al., 2010]	Aphidini	Aphidinae
<i>Aphis hillerislambersi</i> Nieto Nafria & Mier, 1976	[GORUR et al., 2009b]	Aphidini	Aphidinae
<i>Aphis hispanica</i> Hille Ris Lambers, 1959	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis ilicis</i> Kaltenbach, 1843	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis illinoisensis</i> Shimer, 1866	[REMAUDIERE et al., 2003]	Aphidini	Aphidinae
<i>Aphis impatientis</i> Thomas, 1878	[GORUR et al., 2009a]	Aphidini	Aphidinae
<i>Aphis intybi</i> Koch, 1855	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis kachkoului</i> Remaudière, 1989	[GORUR et al., 2011a]	Aphidini	Aphidinae
<i>Aphis lambersi</i> (Börner, 1940)	[TOROS et al., 2002]	Aphidini	Aphidinae
<i>Aphis lamiorum</i> (Börner, 1950)	[TUATAY, 1993]	Aphidini	Aphidinae
<i>Aphis longituba</i> Hille Ris Lambers, 1966	[GORUR et al., 2011b]	Aphidini	Aphidinae
<i>Aphis maculatae</i> Oestlund, 1887	[TEPECİK et al. 2011]	Aphidini	Aphidinae
<i>Aphis (Aphis) mamonthovae</i> Davletshina, 1964	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis molluginis</i> (Börner, 1950)	[GORUR et al., 2011b]	Aphidini	Aphidinae
<i>Aphis nasturtii</i> Kaltenbach, 1843	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis nerii</i> Bayer de Fonscolombe, 1841	[BODENHEIMER & SWIRSKI, 1957]	Aphidini	Aphidinae
<i>Aphis plantaginis</i> Goeze, 1778	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis polygonata</i> (Nevsky, 1929)	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis pomi</i> de Geer, 1773	[DÜZGÜNES & TUATAY, 1956]	Aphidini	Aphidinae
<i>Aphis pseudocomosa</i> Stroyan, 1972.	[GORUR et al., 2011b]	Aphidini	Aphidinae
<i>Aphis punicae</i> Passerini, 1863	[BODENHEIMER & SWIRSKI, 1957]	Aphidini	Aphidinae
<i>Aphis ruborum</i> (Börner, 1932)	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis rumicis</i> Linnaeus, 1758	[IYRIBOZ, 1938]	Aphidini	Aphidinae
<i>Aphis salsolae</i> (Börner, 1940)	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis salviae</i> Walker, 1852	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis sambuci</i> Linnaeus, 1758	[FAHRINGER, 1922]	Aphidini	Aphidinae
<i>Aphis sanguisorbae</i> Schrank, 1801	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis solanella</i> Theobald, 1914	[ÇANAKÇIOĞLU, 1975]	Aphidini	Aphidinae
<i>Aphis serpylli</i> Koch, 1854	[ESER et al., 2009]	Aphidini	Aphidinae
<i>Aphis spiraecola</i> Patch, 1914	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis spiraephaga</i> EP. Müller, 1961	[ÇANAKÇIOĞLU, 1966]	Aphidini	Aphidinae
<i>Aphis thomasi</i> (Börner, 1950)	[GORUR et al., 2011b]	Aphidini	Aphidinae
<i>Aphis tirucallis</i> Hille Ris Lambers, 1954	[DÜZGÜNES et al., 1982]	Aphidini	Aphidinae

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Aphis umbrella</i> (Börner, 1950)	[BODENHEIMER & SWIRSKI, 1957]	Aphidini	Aphidinae
<i>Aphis urticata</i> IE Gmelin, 1790	[DÜZGÜNES & TUATAY, 1956]	Aphidini	Aphidinae
<i>Aphis vallei</i> Hille Ris Lambers & Stroyan, 1959	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis verbasci</i> Schrank, 1801	[BODENHEIMER & SWIRSKI, 1957]	Aphidini	Aphidinae
<i>Aphis viburni</i> Scopoli, 1763	[TUATAY, 1993]	Aphidini	Aphidinae
<i>Aphis viticis</i> Ferrari, 1872	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis (Bursaphis) epilobiaria</i> Theabald, 1927	[REMAUDIERE et al., 2006]	Aphidini	Aphidinae
<i>Aphis (Bursaphis) grossulariae</i> Kaltenbach, 1843	[TUATAY, 1993]	Aphidini	Aphidinae
<i>Aphis (Bursaphis) schneideri</i> (Börner, 1940)	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis (Protaphis) pseudocardui</i> Theabald, 1915	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis (Protaphis) terricola</i> Rondani, 1847	[DÜZGÜNES et al., 1982]	Aphidini	Aphidinae
<i>Aploneura lentisei</i> (Passerini, 1856)	[SCHIMITSCHEK, 1938]	Fordini	Eriosomatinae
<i>Aspidaphis adjuvans</i> (Walker, 1848)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Atheroides serrulatus</i> Haliday, 1839	[TUATAY & REMAUDIERE, 1964]	Siphini	Chaitophorinae
<i>Aulacorthum solani</i> (Kaltenbach, 1843)	[TUATAY, 1988]	Macrosiphini	Aphidinae
<i>Baizongia pistaciae</i> (Linnaeus, 1767)	[FAHRINGER, 1922]	Fordini	Eriosomatinae
* <i>Betulaphis quadrituberculata</i> (Kaltenbach, 1843)	[GORUR et al., 2009a]	Calaphidini	Calaphidinae
<i>Brachycaudus helichrysi</i> (Kaltenbach, 1843)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Brachycaudus (Acaudus) cardui</i> (Linnaeus, 1758)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae
<i>Brachycaudus (Acaudus) divaricatae</i> Shaposhnikov, 1956	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Brachycaudus (Acaudus) iranicus</i> Davatchi & Remaudiere, 1953	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Brachycaudus (Acaudus) lateralis</i> (Walker, 1848)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Brachycaudus (Acaudus) lychnidis</i> (Linnaeus, 1758)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Brachycaudus (Acaudus) lucifugus</i> EP. Müller ex Börner, 1952	[ÇOBANOGLU, 2000]	Macrosiphini	Aphidinae
<i>Brachycaudus (Acaudus) persicae</i> (Passerini, 1860)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Brachycaudus (Appelia) prunicola</i> (Kaltenbach, 1843)	[ÇOBANOGLU, 2000]	Macrosiphini	Aphidinae
<i>Brachycaudus (Appelia) schwartzi</i> (Börner, 1931)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Brachycaudus (Appelia) tragopogonis</i> (Kaltenbach, 1843)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae
<i>Brachycaudus (Thuleaphis) amygdalinus</i> (Schouteden, 1905)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Brachycaudus (Thuleaphis) rumexicolens</i> (Patch, 1917)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Brachyunguis harmalae</i> B. Das, 1918	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Brachyunguis skafi</i> Remaudiere & Talhouk, 2001	[REMAUDIERE et al., 2006]	Aphidini	Aphidinae
<i>Brachyunguis tamaricis</i> (Lichtenstein, 1885)	[BODENHEIMER & SWIRSKI, 1957]	Aphidini	Aphidinae
<i>Brachyunguis zygophylli</i> (Nevsky, 1928)	[REMAUDIERE et al., 2006]	Aphidini	Aphidinae
<i>Brevicoryne brassicae</i> (Linnaeus, 1758)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae
<i>Brevicoryne crambinistataricae</i> Bozhko, 1953	[ÖZDEMİR et al., 2005]	Macrosiphini	Aphidinae
<i>Calaphis flava</i> Mordvilko, 1928	[TOROS et al., 2003]	Calaphidini	Calaphidinae
<i>Callipterinella calliptera</i> (Hartig, 1841)	[TOROS et al., 2003]	Calaphidini	Calaphidinae
<i>Capitophorus elaeagni</i> (del Guercio, 1894)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Capitophorus hippophaes</i> (Walker, 1852)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae
<i>Capitophorus horni</i> (Börner 1931)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Capitophorus pakansus</i> Hottes & Frison, 1931	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae
<i>Capitophorus similis</i> van der Goot, 1915	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Cavariella aegopodii</i> (Scopoli, 1763)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae
<i>Cavariella aspidaphoides</i> Hille Ris Lambers, 1969	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae
<i>Cavariella digitata</i> Hille Ris Lambers, 1969	[GORUR et al., 2011a]	Macrosiphini	Aphidinae
<i>Cavariella theobaldi</i> (Gillette & Bragg, 1918)	[ÇANAKÇIOĞLU, 1966]	Macrosiphini	Aphidinae
<i>Cavariella (Cavariellia) aquatica</i> (Gillette & Bragg, 1916)	[REMAUDIERE, 1970]	Macrosiphini	Aphidinae
<i>Ceruraphis eriophori</i> (Walker, 1848)	[TUATAY, 1988]	Macrosiphini	Aphidinae
* <i>Ceruraphis viburnicola</i> (Gillette, 1909)	[TOPER KAYGIN et al., 2008]	Macrosiphini	Aphidinae
<i>Chaetosiphon (Pentatrachopus) fragaefolii</i> (Cockerell, 1901)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Chaetosiphon (Pentatrachopus) muelleri</i> Remaudiere, 1991	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Chaetosiphon (Pentatrachopus) tetrarhodum</i> (Walker, 1849)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Chaetosiphella stipae</i> Hille Ris Lambers, 1947	[ÖZDEMİR et al., 2005]	Siphini	Chaitophorinae
<i>Chaitophorus euphraticus</i> Hodjat, 1981	[REMAUDIERE et al., 2006]	Chaitophorini	Chaitophorinae
<i>Chaitophorus kapuri</i> Hille Ris Lambers, 1966	[GORUR et al., 2011a]	Chaitophorini	Chaitophorinae
<i>Chaitophorus leucomelas</i> Koch, 1854	[BODENHEIMER & SWIRSKI, 1957]	Chaitophorini	Chaitophorinae
<i>Chaitophorus longisetosus</i> Szelegiewicz, 1959	[GORUR et al., 2011a]	Chaitophorini	Chaitophorinae
<i>Chaitophorus melanosiphon</i> Pintera, 1987	[TOPER KAYGIN et al., 2008]	Chaitophorini	Chaitophorinae
<i>Chaitophorus neglectus</i> Hottes and Frisson, 1931	[GORUR, 2004a]	Chaitophorini	Chaitophorinae
<i>Chaitophorus populeti</i> (Panzer, 1801)	[DÜZGÜNES & TUATAY, 1956]	Chaitophorini	Chaitophorinae
<i>Chaitophorus populialbae</i> (Boyer de Fonscolombe, 1841)	[TUATAY & REMAUDIERE, 1964]	Chaitophorini	Chaitophorinae
<i>Chaitophorus saliciniger</i> (Knowlton, 1927)	[ESER et al., 2009]	Chaitophorini	Chaitophorinae
<i>Chaitophorus tremulae</i> Koch, 1854	[TUATAY & REMAUDIERE, 1964]	Chaitophorini	Chaitophorinae
<i>Chaitophorus truncatus</i> (Hausmann, 1802)	[TUATAY, 1999]	Chaitophorini	Chaitophorinae
<i>Chondrillobium blattnyi</i> (Pintera, 1959)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Chromaphis juglandicola</i> (Kaltenbach, 1843)	[DÜZGÜNES & TUATAY, 1956]	Panaphini	Calaphidinae
<i>Cinara acutirostris</i> Hille Ris Lambers, 1956	[REMAUDIERE et al., 2006]	Eulachnini	Lachninae
<i>Cinara brauni</i> (Börner, 1940)	[BÖRNER, 1952]	Eulachnini	Lachninae
<i>Cinara cedri</i> Mimeur, 1936	[TUATAY & REMAUDIERE, 1964]	Eulachnini	Lachninae
<i>Cinara confinis</i> (Koch, 1856)	[ERMIN, 1950]	Eulachnini	Lachninae
<i>Cinara palaestinisensis</i> Hille Ris Lambers, 1948	[ÇANAKÇIOĞLU, 1966]	Eulachnini	Lachninae
<i>Cinara pectinatae</i> (Nördlinger, 1880)	[ERMIN, 1950]	Eulachnini	Lachninae
<i>Cinara piceicola</i> (Cholodkovsky, 1896)	[DÜZGÜNES et al., 1982]	Eulachnini	Lachninae
<i>Cinara pilicornis</i> (Hartig, 1841)	[SCHIMITSCHEK, 1944]	Eulachnini	Lachninae
<i>Cinara pinea</i> (Mordvilko, 1895)	[ÇANAKÇIOĞLU, 1966]	Eulachnini	Lachninae
<i>Cinara pini</i> (Linnaeus, 1758)	[ÇANAKÇIOĞLU, 1966]	Eulachnini	Lachninae
<i>Cinara pinihabitans</i> (Mordvilko, 1895)	[BODENHEIMER, 1958]	Eulachnini	Lachninae

Table 2. Continued

APHIDIDAE				
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily	
<i>Cinara pinimaritimae</i> (Dufour, 1833)	[ÇANAKÇIOĞLU, 1966]	Eulachnini	Lachninae	
<i>Cinara pinivora</i> (Wilson, 1919)	[GORUR et al., 2011a]	Eulachnini	Lachninae	
<i>Cinara pruinosa</i> (Hartig, 1841)	[ÇANAKÇIOĞLU, 1966]	Eulachnini	Lachninae	
<i>Cinara schimitscheki</i> Börner, 1940	[ÇANAKÇIOĞLU, 1966]	Eulachnini	Lachninae	
<i>Cinara (Cedrobium) laportei</i> (Remaudiere, 1954)	[FABRE & CHALON, 2005]	Eulachnini	Lachninae	
<i>Cinara (Cupressobium) cupressi</i> (Buckton, 1881)	[ASLAN & UYGUN, 2005]	Eulachnini	Lachninae	
<i>Cinara (Cupressobium) fresai</i> E.E. Blanchard, 1939	[TUATAY, 1999]	Eulachnini	Lachninae	
<i>Cinara (Cupressobium) juniperi</i> (de Geer, 1773)	[ÇANAKÇIOĞLU, 1966]	Eulachnini	Lachninae	
<i>Cinara maghrebica</i> Mimeur, 1934	AKYUREK et al., 2010]	Eulachnini	Lachninae	
<i>Cinara matsumurana</i> Hille Ris Lambers, 1966	[TOPER KAYGIN et al., 2008]	Eulachnini	Lachninae	
<i>Cinara (Cupressobium) tujafilina</i> (del Guercio, 1909)	[DÜZGÜNES & TUATAY, 1956]	Eulachnini	Lachninae	
<i>Cinara wahlua</i> Hottes, 1952	AKYUREK et al., 2010]	Eulachnini	Lachninae	
<i>Colopha compressa</i> (Koch, 1856)	[ACATAY, 1943]	Eriosomatini	Eriosomatinae	
<i>Coloradoa achilleae</i> Hille Ris Lambers, 1939	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Coloradoa heinzei</i> (Börner, 1952)	[TUATAY, 1988]	Macrosiphini	Aphidinae	
<i>Coloradoa inodorella</i> Ossiannilsson, 1959	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Coloradoa submissa</i> Doncaster, 1961	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae	
<i>Coloradoa tanacetina</i> (Walker, 1850)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae	
<i>Coloradoa viridis</i> (Nevsky, 1929)	[TUATAY, 1988]	Macrosiphini	Aphidinae	
<i>Corylobium avellanae</i> (Schränk, 1801)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae	
<i>Cryptomyzus behboudii</i> Remaudiere & Davatchi, 1961	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Cryptomyzus galeopsidis</i> (Kaltenbach, 1843)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae	
<i>Cryptomyzus korschelti</i> Börner, 1938	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae	
<i>Cryptomyzus ribis</i> (Linnaeus, 1758)	[ALKAN, 1952]	Macrosiphini	Aphidinae	
<i>Diphyllaphis mordvilkoii</i> (Aizenberg, 1932)	[TUATAY & REMAUDIERE, 1964]	-----	Phyllaphidinae	
<i>Diuraphis noxia</i> (Kurdjumov, 1913)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae	
<i>Diuraphis (Holcaphis) frequens</i> (Walker, 1848)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Drepanosiphoniella aceris</i> Davatchi, Lambersi & Remaudiere, 1957	[TUATAY & REMAUDIERE, 1964]	-----	Drepanosiphinae	
<i>Drepanosiphum caucasicum</i> Dzhibladze, 1962	[REMAUDIERE et al., 2006]	-----	Drepanosiphinae	
<i>Drepanosiphum oregonensis</i> Granovsky, 1939	[REMAUDIERE et al., 2006]	-----	Drepanosiphinae	
<i>Drepanosiphum platanoidis</i> (Schränk, 1801)	[BODENHEIMER & SWIRSKI, 1957]	-----	Drepanosiphinae	
<i>Dysaphis affinis</i> (Mordvilko, 1928)	[BLACKMAN & EASTOP, 1994]	Macrosiphini	Aphidinae	
<i>Dysaphis crataegi</i> (Kaltenbach, 1843)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Dysaphis devector</i> (Walker, 1849)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Dysaphis emicis</i> (Mimeur, 1935)	[NAUMANN-ETIENNE & REMAUDIERE, 1995]	Macrosiphini	Aphidinae	
<i>Dysaphis foeniculus</i> (Theobald, 1923)	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae	
<i>Dysaphis lauberti</i> (Börner, 1940)	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae	
<i>Dysaphis tulipae</i> (Boyer de Fonscolombe, 1841)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae	
<i>Dysaphis (Cotoneasteria) microsiphon</i> (Nevsky, 1929)	[REMAUDIERE, 1982]	Macrosiphini	Aphidinae	

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Dysaphis (Pomaphis) aucupariae</i> (Buckton, 1879)	[TUATAY, 1990]	Macrosiphini	Aphidinae
<i>Dysaphis (Pomaphis) pavlovskyana</i> Narzikulov, 1957	[BLACKMAN & EASTOP, 1994]	Macrosiphini	Aphidinae
<i>Dysaphis (Pomaphis) plantaginea</i> (Passerini, 1860)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Dysaphis (Pomaphis) pyri</i> (Boyer de Fonscolombe, 1841)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Dysaphis (Pomaphis) reaumuri</i> (Mordvilko, 1928)	[TOROS et al., 2002]	Macrosiphini	Aphidinae
<i>Dysaphis (Pomaphis) sorbi</i> (Kaltenbach, 1843)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Elatobium momii</i> (Shinji, 1922)	[ÇANAKÇIOĞLU, 1966]	Macrosiphini	Aphidinae
<i>Ephedraphis ephedrae</i> (Nevsky, 1929)	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Eriosoma grossulariae</i> (Schüle, 1887)	[GORUR, 2004a]	Eriosomatini	Eriosomatinae
<i>Eriosoma lanigerum</i> (Hausmann, 1802)	[SCHIMITSCHEK, 1944]	Eriosomatini	Eriosomatinae
<i>Eriosoma lanuginosum</i> (Hartig, 1839)	[TROTTER, 1903]	Eriosomatini	Eriosomatinae
<i>Eriosoma ulmi</i> (Linnaeus, 1758)	[TROTTER, 1903]	Eriosomatini	Eriosomatinae
<i>Eucallipterus tiliae</i> (Linnaeus, 1758)	[TUATAY & REMAUDIERE, 1964]	Panaphini	Calaphidinae
<i>Eucarazzia elegans</i> (Ferrari, 1872)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Euceraphis punetipennis</i> (Zetterstedt, 1828)	[TOROS et al., 2003]	Calaphidini	Calaphidinae
<i>Eulachnus agilis</i> (Kaltenbach, 1843)	[TUATAY & REMAUDIERE, 1964]	Eulachnini	Lachninae
<i>Eulachnus nigricola</i> (Pasek, 1953)	[ÇANAKÇIOĞLU, 1966]	Eulachnini	Lachninae
<i>Eulachnus pumilae</i> (Linnaeus, 1758)	[AKYILDIRIM et al., 2011]	Eulachnini	Lachninae
<i>Eulachnus rileyi</i> (Williams, 1911)	[TUATAY & REMAUDIERE, 1964]	Eulachnini	Lachninae
<i>Eulachnus tuberculostemmatus</i> (Theobald, 1915)	[TOROS et al., 2002]	Eulachnini	Lachninae
<i>Forda formicaria</i> von Heyden, 1837	[TROTTER, 1903]	Fordini	Eriosomatinae
<i>Forda hirsuta</i> Mordvilko, 1928	[TUATAY et al., 1967]	Fordini	Eriosomatinae
<i>Forda hirsutissima</i> Remaudiere, 1999	[REMAUDIERE et al., 2006]	Fordini	Eriosomatinae
<i>Forda marginata</i> Koch, 1857	[TROTTER, 1903]	Fordini	Eriosomatinae
<i>Forda riccobonii</i> (Stefani, 1899)	[SCHIMITSCHEK, 1938]	Fordini	Eriosomatinae
<i>Forda rotunda</i> Theobald, 1914	[REMAUDIERE, 1999]	Fordini	Eriosomatinae
<i>Geoica setulosa</i> (Passerini, 1860)	[TUATAY & REMAUDIERE, 1964]	Fordini	Eriosomatinae
<i>Geoica utrieularia</i> (Passerini, 1856)	[TROTTER, 1903]	Fordini	Eriosomatinae
<i>Hayhurstia atriplicis</i> (Linnaeus, 1761)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Hoplocallis microsiphon</i> Quednau & Barbagallo, 1991	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Hoplocallis pictus</i> (Ferrari, 1872)	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Hoplocallis rupertii</i> Pintera, 1952	[BLACKMAN & EASTOP, 1994]	Panaphini	Calaphidinae
<i>Hoplochaetaphis zachvatkini</i> (Aizenberg & Moravskaja, 1950)	[TUATAY & REMAUDIERE, 1964]	Panaphini	Calaphidinae
<i>Hyadaphis coriandri</i> (B. Das, 1918)	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae
<i>Hyadaphis foeniculi</i> (Passerini, 1860)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Hyadaphis tataricae</i> Aizenberg, 1935	[TOROS, 1986]	Macrosiphini	Aphidinae
<i>Hyalopterus amygdali</i> (E. Blanchard, 1840)	[TOROS et al., 2002]	Aphidini	Aphidinae
<i>Hyalopterus pruni</i> (Geoffroy, 1762)	[DÜZGÜNES & TUATAY, 1956]	Aphidini	Aphidinae
<i>Hydaphias hofmanni</i> Börner, 1950	[ÖZDEMİR et al., 2005]	Macrosiphini	Aphidinae

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Hyperomyzus lactucae</i> (Linnaeus, 1758)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Hyperomyzus lampsanae</i> (Börner, 1932)	[ÖZDEMİR et al., 2005]	Macrosiphini	Aphidinae
<i>Hyperomyzus pallidus</i> Hille Ris Lambers, 1935	[ÇOBANOĞLU, 2000]	Macrosiphini	Aphidinae
<i>Hyperomyzus (Neonasonovia) picridis</i> (Börner & Blunck, 1916)	[TUATAY, 1990]	Macrosiphini	Aphidinae
<i>Hysteroneura setariae</i> (Thomas, 1878)	[GORUR, 2004a]	Aphidini	Aphidinae
<i>Illinoia dzhibladzeae</i> (Shaposhnikov, 1964)	[ÇANAKÇIOĞLU, 1972]	Macrosiphini	Aphidinae
<i>Illinoia lambersi</i> (MacGillivray, 1960)	[GORUR et al., 2011a]	Macrosiphini	Aphidinae
<i>Iziphya bufo</i> (Walker, 1848)	[REMAUDIERE et al., 2006]	-----	Saltusaphidinae
<i>Juncobia leegei</i> (Börner, 1940)	[REMAUDIERE et al., 2006]	-----	Saltusaphidinae
<i>Kaltenbachiella pallida</i> (Haliday, 1838)	[ACATAY, 1943]	Eriosomatini	Eriosomatinae
<i>Lachnus crassicornis</i> Hille Ris Lambers, 1948	[ÇANAKÇIOĞLU, 1966]	Lachnini	Lachninae
<i>Lachnus longirostris</i> (Mordvilko, 1909)	[ÇANAKÇIOĞLU, 1966]	Lachnini	Lachninae
<i>Lachnus roboris</i> (Linnaeus, 1758)	[FAHRINGER, 1922]	Lachnini	Lachninae
<i>Lachnus swirskii</i> Hille Ris Lambers, 1954	[ÇANAKÇIOĞLU, 1966]	Lachnini	Lachninae
<i>Lachnus tuatayae</i> Remaudiere, 2005	[ÖZDEMİR et al., 2005]	Lachnini	Lachninae
<i>Liosomaphis berberidis</i> (Kaltenbach, 1843)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Lipaphis erysimi</i> (Kaltenbach, 1843)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Lipaphis (Lipaphidiella) lepidii</i> (Nevsky, 1929)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Longicaudus trirhodus</i> (Walker, 1849)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macchiatiella rhamni</i> (Bayer de Fonscolombe, 1841)	[TUATAY, 1990]	Macrosiphini	Aphidinae
<i>Macrosiphoniella abrotani</i> (Walker, 1852)	[TUATAY, 1990]	Macrosiphini	Aphidinae
<i>Macrosiphoniella absinthii</i> (Linnaeus, 1758)	[TUATAY, 1990]	Macrosiphini	Aphidinae
<i>Macrosiphoniella aktashica</i> (Nevsky, 1928)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Macrosiphoniella artemisiae</i> (Boyer de Fonscolombe, 1841)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphoniella dimidiata</i> Börner, 1942	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphoniella helichrysi</i> Remaudiere, 1952	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphoniella miestingeri</i> (Börner, 1950)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphoniella pulvera</i> (Walker, 1848)	[TUATAY, 1990]	Macrosiphini	Aphidinae
<i>Macrosiphoniella sanborni</i> (Gillette, 1908)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae
<i>Macrosiphoniella staegeri</i> Hille Ris Lambers, 1947	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphoniella subaequalis</i> Börner, 1942	[TUATAY, 1990]	Macrosiphini	Aphidinae
<i>Macrosiphoniella tanacetaria</i> (Kaltenbach, 1843)	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae
<i>Macrosiphoniella tapuskae</i> (Hottes & Frison, 1931)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphoniella (Papillomyzus) papillata</i> Holman, 1962	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Macrosiphoniella (Papillomyzus) tuberculata</i> (Nevsky, 1928)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphoniella (Phalangomyzus) oblonga</i> (Mordvilko, 1901)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphum amygdaloides</i> Theobald, 1925	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Macrosiphum cerinthiacus</i> Börner, 1950	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Macrosiphum cholodkovskyi</i> (Mordvilko, 1909)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Macrosiphum euphorbiae</i> (Thomas, 1878)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphum funestum</i> (Macchiati, 1855)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Macrosiphum rosae</i> (Linnaeus, 1758)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae
<i>Macrosiphum impatientis</i> Williams, 1911	AKYÜREK et al., 2010]	Macrosiphini	Aphidinae
<i>Macrosiphum mordvilko</i> Miyazaki, 1965	[AKYÜREK, et al., 2010]	Macrosiphini	Aphidinae
<i>Macrosiphum pallidum</i> (Oestlund, 1887)	[AKYÜREK, et al., 2010]	Macrosiphini	Aphidinae
<i>Maculolachnus submacula</i> (Walker, 1848)	[AKYÜREK, et al. 2010]	Lachnini	Lachninae
<i>Mariaella lambersi</i> Szelegiewicz, 1961	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Megoura viciae</i> Buckton, 1876	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Melanaphis donacis</i> (Passerini, 1860)	[BODENHEIMER & SWIRSKI, 1957]	Aphidini (Rhopalosiphina)	Aphidinae
<i>Melanaphis pyrraria</i> (Passerini, 1861)	[ÇANAKÇIOĞLU, 1966]	Aphidini (Rhopalosiphina)	Aphidinae
<i>Melanaphis sacchari</i> (Zehntner, 1897)	[TOROS et al., 2002]	Aphidini (Rhopalosiphina)	Aphidinae
<i>Metopolophium dirhodum</i> (Walker, 1849)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Microlophium carnosum</i> (Buckton, 1876)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Microlophium sibiricum</i> (Mordvilko, 1914)	[GORUR et al., 2011b]	Macrosiphini	Aphidinae
<i>Mimeuria ulmiphila</i> (del Guercio, 1917)	[BLACKMAN & EASTOP, 1994]	Pemphigini	Eriosomatinae
<i>Mindarus abietinus</i> Koch, 1857	[SCHIMITSCHEK, 1944]	-----	Mindarinae
<i>Mindarus obliquus</i> (Cholodkovsky, 1896)	[BODENHEIMER & SWIRSKI, 1957]	-----	Mindarinae
<i>Monellia caryella</i> (Fitch, 1855)	[ÖZKAN & TÜRKYLMAZ, 1990]	Panaphini	Calaphidinae
<i>Myzaphis rosarum</i> (Kaltenbach, 1843)	[DÜZGÜNES & TUATAY, 1956]	Macrosiphini	Aphidinae
<i>Myzaphis turanica</i> Nevsky, 1929	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Myzocallis boernerii</i> Stroyan, 1957	[QUEDNAU & REMAUDIERE, 1994]	Panaphini	Calaphidinae
<i>Myzocallis carpini</i> (Koch, 1855)	[ÇANAKÇIOĞLU, 1966]	Panaphini	Calaphidinae
<i>Myzocallis coryli</i> (Goeze, 1778)	[FAHRINGER, 1922]	Panaphini	Calaphidinae
<i>Myzocallis glandulosus</i> Hille Ris Lambers, 1948	[ÇANAKÇIOĞLU, 1966]	Panaphini	Calaphidinae
<i>Myzocallis (Agrioaphis) castanicola</i> Baker, 1917	[ÇANAKÇIOĞLU, 1966]	Panaphini	Calaphidinae
<i>Myzocallis (Pasekia) komareki</i> (Pasek, 1953)	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Myzocallis (Pasekia) persicus</i> Quednau & Remaudiere, 1994	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Myzocallis (Pasekia) tauricus</i> Quednau & Remaudiere, 1994	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Myzus ascalonicus</i> Doncaster, 1946	[ÇIRAKLI et al., 2008]	Macrosiphini	Aphidinae
<i>Myzus beybienkoi</i> (Narzikulov, 1957)	[GORUR et al., 2011a]	Macrosiphini	Aphidinae
<i>Myzus cerasi</i> (Fabricius, 1775)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Myzus lythri</i> (Schrank, 1801)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Myzus ornatus</i> Laing, 1932	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Myzus varians</i> Davidson, 1912	[TOROS et al., 2002]	Macrosiphini	Aphidinae
<i>Myzus (Galiobium) langei</i> (Börner, 1933)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Myzus certus</i> (Walker, 1849)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Myzus (Nectarosiphon) ligustri</i> (Mosley, 1841)	[TUATAY, 1991]	Macrosiphini	Aphidinae
<i>Myzus (Nectarosiphon) persicae</i> (Sulzer, 1776)	[ALKAN, 1952]	Macrosiphini	Aphidinae
<i>Nasonovia nigra</i> (Hille Ris Lambers 1931)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Nasonovia ribisnigri</i> (Mosley, 1841)	[TOROS et al., 2002]	Macrosiphini	Aphidinae
<i>Nearctaphis bakeri</i> (Cowen ex Gillette & Baker, 1895)	[TOROS et al., 2002]	Macrosiphini	Aphidinae
<i>Neobetulaphis pusilla</i> Basu, 1964	[GORUR et al., 2011a]	Calaphidini	Calaphidinae
<i>Nurudea meitanensis</i> (Tsai and Tang, 1946)	[ASLAN & UYGUN, 2005]	Fordini	Eriosomatinae
<i>Ovatomyzus chamaedrys</i> (Passerini, 1879)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Ovatus crataegarius</i> (Walker, 1850)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Ovatus insitus</i> (Walker, 1849)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Ovatus mentharius</i> (van der Goot, 1913)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Ovatus (Ovatoides) inulae</i> (Walker, 1849)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Pachypappa warshavensis</i> (Nasonav, 1894)	[UYSAL et al., 2006]	Pemphigini	Eriosomatinae
<i>Paczoskia major bulgarica</i> Holman, 1981	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Paczoskia wagneri</i> Remaudiere & Tuatay, 1963	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Panaphis juglandis</i> (Goeze, 1778)	[DÜZGÜNES & TUATAY, 1956]	Panaphini	Calaphidinae
<i>Paracletus bykovi</i> (Mordvilko, 1921)	[ÇANAKÇIOĞLU, 1966]	Fordini	Eriosomatinae
<i>Paracletus cimiciformis</i> von Heyden, 1837	[SCHIMITSCHEK, 1944]	Fordini	Eriosomatinae
<i>Paramyzus heraclei</i> Börner, 1933	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Patchiella reaumuri</i> (Ka1tenbach, 1843)	[ÇANAKÇIOĞLU, 1966]	Pemphigini	Eriosomatinae
<i>Pemphigus bursarius</i> (Linnaeus, 1758)	[TROTTER, 1903]	Pemphigini	Eriosomatinae
<i>Pemphigus immunis</i> Buckton, 1896	[ACATAY, 1943]	Pemphigini	Eriosomatinae
<i>Pemphigus populi</i> Courcey, 1879	[TROTTER, 1903]	Pemphigini	Eriosomatinae
<i>Pemphigus populinigrae</i> (Schrank, 1801)	[TROTTER, 1903]	Pemphigini	Eriosomatinae
<i>Pemphigus protospirae</i> Lichtenstein, 1885	[ACATAY, 1943]	Pemphigini	Eriosomatinae
<i>Pemphigus spyrothecae</i> Passerini, 1856	[ACATAY, 1943]	Pemphigini	Eriosomatinae
<i>Pemphigus vesicarius</i> Passerini, 1861	[ALKAN, 1952]	Pemphigini	Eriosomatinae
<i>Periphyllus aceris</i> (Linnaeus, 1761)	[GORUR et al., 2009a]	Chaitophorini	Chaitophorinae
<i>Periphyllus acericola</i> (Walker, 1848)	[ÇANAKÇIOĞLU, 1966]	Chaitophorini	Chaitophorinae
<i>Periphyllus bulgaricus</i> Tashev, 1964	[TUATAY, 1999]	Chaitophorini	Chaitophorinae
<i>Periphyllus coracinus</i> (Koch, 1854)	[REMAUDIERE et al., 2006]	Chaitophorini	Chaitophorinae
<i>Periphyllus hirticornis</i> (Walker, 1848)	[ÇANAKÇIOĞLU & EASTOP, 1972]	Chaitophorini	Chaitophorinae
<i>Periphyllus obscurus</i> Mamontova, 1955	[ÇANAKÇIOĞLU, 1966]	Chaitophorini	Chaitophorinae
<i>Periphyllus testudinaceus</i> (Femie, 1852)	[ÇANAKÇIOĞLU, 1966]	Chaitophorini	Chaitophorinae
<i>Phloeomyzus passerinii</i> (Signoret, 1875)	[BODENHEIMER & SWIRSKI, 1957]	-----	Phloeomyzinae
<i>Phorodon humuli</i> (Schrank, 1801)	[ÇANAKÇIOĞLU, 1966]	Macrosiphini	Aphidinae
<i>Phorodon (Paraphorodon) cannabis</i> Passerini, 1860	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Phyllaphis fagi</i> (Linnaeus, 1767)	[BODENHEIMER & SWIRSKI, 1957]	-----	Phyllaphidinae
<i>Phyllaphis fagifoliae</i> Takahashi, 1919	[GORUR et al., 2011a]	-----	Phyllaphidinae

Table 2. Continued

APHIDIDAE				
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily	
<i>Pleotrichophorus glandulosus</i> (Kaltenbach, 1846)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Pleotrichophorus persimilis</i> Börner, 1950	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Prociphilus bumeliae</i> (Schrank, 1801)	[ÇANAKÇIOĞLU, 1966]	Pemphigini	Eriosomatinae	
<i>Prociphilus fraxini</i> (Fabricius, 1777)	[SCHIMITSCHEK, 1944]	Pemphigini	Eriosomatinae	
<i>Prociphilus oleae</i> (Leach ex Risso, 1826)	[TUATAY & REMAUDIERE, 1964]	Pemphigini	Eriosomatinae	
<i>Protrama radialis</i> (Kaltenbach, 1843)	[TUATAY, 1999]	Tramini	Lachninae	
<i>Pseudessigella brachychaeta</i> Hille Ris Lambers, 1966	[GORUR et al., 2011a]	Cinarini	Lachninae	
<i>Pterocallis albidus</i> Börner, 1940	[GORUR et al., 2009a]	Panaphini	Calaphidinae	
<i>Pterocallis alni</i> (de Geer, 1773)	[TUATAY & REMAUDIERE, 1964]	Panaphini	Calaphidinae	
<i>Pterocallis maculatus</i> (von Heyden, 1837)	[ÇANAKÇIOĞLU, 1966]	Panaphini	Calaphidinae	
<i>Pterochloroides persicae</i> (Cholodkovsky, 1899)	[DÜZGÜNES & TUATAY, 1956]	Lachnini	Lachninae	
<i>Pterocomma pilosum</i> Buckton, 1879	[TUATAY & REMAUDIERE, 1964]	-----	Pterocommatinae	
<i>Pterocomma populeum</i> (Kaltenbach, 1843)	[BODENHEIMER & SWIRSKI, 1957]	-----	Pterocommatinae	
<i>Pyrolachnus pyri</i> (Buckton, 1899)	[GORUR, 2004b]	Lachnini	Lachninae	
<i>Rectinasus buxtoni</i> Theobald, 1914	[TUATAY & REMAUDIERE, 1964]	Fordini	Eriosomatinae	
<i>Rhodobium porosum</i> (Sanderson, 1900)	[BARJADZE et al. 2011]	Macrosiphini	Aphidinae	
<i>Rhopalosiphoninus latysiphon</i> (Davidson, 1912)	[TUATAY, 1991]	Macrosiphini	Aphidinae	
<i>Rhopalosiphum insertum</i> (Walker, 1849)	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae	
<i>Rhopalosiphum maidis</i> (Fitch, 1856)	[IYRIBOZ, 1937]	Aphidini	Aphidinae	
<i>Rhopalosiphum nymphaeae</i> (Linnaeus, 1761)	[BODENHEIMER & SWIRSKI, 1957]	Aphidini	Aphidinae	
<i>Rhopalosiphum padi</i> (Linnaeus, 1758)	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae	
<i>Rhopalosiphum rufiabdominale</i> (Sasaki, 1899)	[IYRIBOZ & ILERI, 1941]	Aphidini	Aphidinae	
<i>Roepkea marchali</i> (Börner, 1931)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Schizaphis graminum</i> (Rondani, 1852)	[IYRIBOZ & ILERI, 1941]	Aphidini	Aphidinae	
<i>Schizaphis pyri</i> Shaposhnikov, 1952	[GORUR, 2004b]	Aphidini	Aphidinae	
<i>Schizaphis rotundiventris</i> (Signoret, 1860)	[GORUR et al., 2011a]	Aphidini	Aphidinae	
<i>Schizaphis (Paraschizaphis) scirpi</i> (Passerini, 1874)	[ILHARCO, 2002]	Aphidini	Aphidinae	
<i>Schizolachnus obscurus</i> Börner, 1940	[SCHIMITSCHEK, 1944]	Eulachnini	Lachninae	
<i>Schizolachnus pineti</i> (Fabricius, 1781)	[ÇANAKÇIOĞLU, 1966]	Eulachnini	Lachninae	
<i>Semiaphis dauci</i> (Fabricius, 1775)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae	
<i>Shivaphis catalpinari</i> Quednau & Remaudiere, 1985	[TUATAY & REMAUDIERE, 1964]	Panaphini	Calaphidinae	
<i>Sipha glyceriae</i> (Kaltenbach, 1843)	[TUATAY & REMAUDIERE, 1964]	Siphini	Chaitophorinae	
<i>Sipha (Rungsia) elegans</i> del Guercio, 1905	[TUATAY & REMAUDIERE, 1964]	Siphini	Chaitophorinae	
<i>Sipha (Rungsia) maydis</i> Passerini, 1860	[IYRIBOZ & ILERI, 1941]	Siphini	Chaitophorinae	
<i>Sitobion avenae</i> (Fabricius, 1775)	[IYRIBOZ & ILERI, 1941]	Macrosiphini	Aphidinae	
<i>Sitobion fragariae</i> (Walker, 1848)	[UYSAL et al., 2004]	Macrosiphini	Aphidinae	
<i>Sitobion miscanthi</i> (Takahashi, 1921)	[GORUR et al., 2011b]	Macrosiphini	Aphidinae	
<i>Symydobius oblongus</i> (von Heyden, 1837)	[GORUR et al., 2011a]	Calaphidini	Calaphidinae	

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Smynthuroides betae</i> Westwood, 1849	[IYRIBOZ, 1937]	Fordini	Eriosomatinae
<i>Staegeriella necopinata</i> (Börner, 1939)	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae
<i>Stomaphis cupressi</i> (Pintera, 1965)	AKYUREK et al., 2010]	Lachnini	Lachninae
<i>Stomaphis longirostris</i> (Fabricius, 1787)	[REMAUDIERE et al., 2006]	Lachnini	Lachninae
<i>Swirskiaphis polychaeta</i> Hille Ris Lambers, 1966	[REMAUDIERE et al., 2006]	Aphidini (Aphidina)	Aphidinae
<i>Tetraneura caerulescens</i> (Passerini, 1856)	[FAHRINGER, 1922]	Eriosomatini	Eriosomatinae
<i>Tetraneura ulmi</i> (Linnaeus, 1758)	[ACATAY, 1943]	Eriosomatini	Eriosomatinae
<i>Tetraneura (Tetraneurella) nigriabdominalis</i> (Sasaki, 1899)	[GORUR, 2004a]	Eriosomatini	Eriosomatinae
<i>Thecabius affinis</i> (Kaltenbach, 1843)	[TROTTER, 1903]	Pemphigini	Eriosomatinae
<i>Thecabius lysimachiae</i> Börner, 1916	[GORUR et al., 2011a]	Pemphigini	Eriosomatinae
<i>Thelaxes californica</i> (Davidson, 1919)	[GORUR et al., 2011a]	-----	Thelaxinae
<i>Thelaxes dryophila</i> (Schränk, 1801)	[TUATAY & REMAUDIERE, 1964]	-----	Thelaxinae
<i>Thelaxes suberi</i> (del Guercio, 1911)	[BÖRNER, 1952]	-----	Thelaxinae
<i>Therioaphis astragali</i> (Dzhiladze, 1959)	[REMAUDIERE, 1989]	Panaphini	Calaphidinae
<i>Therioaphis loti</i> Hille Ris Lambers & van den Bosch, 1964	[QUEDNAU, 2003]	Panaphini	Calaphidinae
<i>Therioaphis luteola</i> (Börner, 1949)	[GORUR, 2004a]	Panaphini	Calaphidinae
<i>Therioaphis ononidis</i> (Kaltenbach, 1846)	[TUATAY & REMAUDIERE, 1964]	Panaphini	Calaphidinae
<i>Therioaphis (Pterocallidium) trifolii</i> (Monell, 1882)	[BODENHEIMER & SWIRSKI, 1957]	Panaphini	Calaphidinae
<i>Therioaphis (Rhizoberlesia) arnaultae</i> Remaudiere, 1989	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Therioaphis (Rhizoberlesia) brachytricha</i> HR Lambers & Bosch, 1964	[TUATAY & REMAUDIERE, 1964]	Panaphini	Calaphidinae
<i>Therioaphis (Rhizoberlesia) riehmii</i> (Börner, 1949)	[REMAUDIERE, 1989]	Panaphini	Calaphidinae
<i>Thripsaphis caespitosae</i> Ossiannilsson, 1954	[REMAUDIERE et al., 2006]	-----	Saltusaphidinae
<i>Tinocallis kahawaluokalani</i> (Kirkaldy, 1906)	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Tinocallis (Sappocallis) saltans</i> (Nevsky, 1929)	[ÇANAKÇIOĞLU, 1966]	Panaphini	Calaphidinae
<i>Tinocallis takachihoensis</i> Higuchi, 1972	[GORUR et al., 2011a]	Panaphini	Calaphidinae
<i>Toxoptera aurantii</i> (Bayer de Fonscolombe, 1841)	[DÜZGÜNES & TUATAY, 1956]	Aphidini (Aphidina)	Aphidinae
<i>Trama (Neotrampa) caudata</i> del Guercio, 1909	[ÖZDEMİR et al., 2005]	Tramini	Lachninae
<i>Trichosiphonaphis (Xenomyzus) polygonifoliae</i> (Shinji, 1944)	[ÖZDEMİR et al., 2005]	Chaitophorini	Chaitophorinae
<i>Tuberculatus cornutus</i> Richards, 1969	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Tuberculatus maculipennis</i> Hille Ris Lambers, 1974	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Tuberculatus querceus</i> (Kaltenbach, 1843)	[TUATAY & REMAUDIERE, 1964]	Panaphini	Calaphidinae
<i>Tuberculatus (Tuberculoidea) annulatus</i> (Hartig, 1841)	[TUATAY & REMAUDIERE, 1964]	Panaphini	Calaphidinae
<i>Tuberculatus (Tuberculoidea) eggleri</i> Börner, 1950	[TUATAY & REMAUDIERE, 1964]	Panaphini	Calaphidinae
<i>Tuberculatus (Tuberculoidea) maximus</i> Hille Ris Lambers, 1974	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Tuberculatus (Tuberculoidea) moerickei</i> Hille Ris Lambers, 1974	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Tuberculatus (Tuberculoidea) pallidus</i> Hille Ris Lambers, 1974	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Tuberolachnus salignus</i> (J.F. Gmelin, 1790)	[BODENHEIMER & SWIRSKI, 1957]	Lachnini	Lachninae
<i>Uroleucon ambrosiae</i> (Thomas, 1878)	[GORUR et al., 2011b]	Macrosiphini	Aphidinae

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Uroleucon achilleae</i> (Koch, 1855)	[NIETO NAFRIA et al., 1991]	Macrosiphini	Aphidinae
<i>Uroleucon bielawskii</i> (Szelegiewicz, 1962)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Uroleucon chondrillae</i> (Nevsky, 1929)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Uroleucon cichorii</i> (Koch, 1855)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Uroleucon cirsicola</i> (Holman, 1962)	[GORUR et al., 2009b]	Macrosiphini	Aphidinae
<i>Uroleucon compositae</i> (Theobald, 1915)	[GORUR et al., 2011b]	Macrosiphini	Aphidinae
<i>Uroleucon hypochoeridis</i> (Fabricius, 1779)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Uroleucon inulieola</i> (Hille Ris Lambers, 1939)	[TUATAY, 1991]	Macrosiphini	Aphidinae
<i>Uroleucon kikioense</i> (Shinji, 1942)	[GORUR et al., 2011b]	Macrosiphini	Aphidinae
<i>Uroleucon picridis</i> (Fabricius, 1775)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Uroleucon pilosellae</i> (Börner, 1933)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Uroleucon siculum</i> Barbagallo & Stroyan, 1982	[GORUR et al., 2011b]	Macrosiphini	Aphidinae
<i>Uroleucon sonchi</i> (Linnaeus, 1767)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Uroleucon tanacetii</i> (Linnaeus, 1758)	[ÖZDEMİR et al., 2005]	Macrosiphini	Aphidinae
<i>Uroleucon telekiae</i> (Holman, 1965)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Uroleucon tussilaginis</i> (Walker 1850)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Uroleucon (Belochilum) inulae</i> (Ferrari, 1872)	[TUATAY, 1991]	Macrosiphini	Aphidinae
<i>Uroleucon (Lambersius) erigeronense</i> (Thomas, 1878)	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae
<i>Uroleucon (Uromelan) aeneum</i> (Hille Ris Lambers, 1939)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Uroleucon (Uromelan) carthami</i> (Hille Ris Lambers, 1948)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Uroleucon (Uromelan) jaceae</i> (Linnaeus, 1758)	[BODENHEIMER & SWIRSKI, 1957]	Macrosiphini	Aphidinae
<i>Uroleucon (Uromelan) nigrocampanulae</i> (Theobald, 1928)	[DÜZGÜNES et al., 1982]	Macrosiphini	Aphidinae
<i>Uroleucon pseudambrosiae</i> (Olive, 1963)	AKYUREK et al., 2010]	Macrosiphini	Aphidinae
<i>Uroleucon pulicariae</i> (Hille Ris Lambers, 1939)	[GORUR et al., 2011b]	Macrosiphini	Aphidinae
<i>Uroleucon (Uromelan) rapunculoidis</i> (Börner, 1939)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Uroleucon scorzonerae</i> (Danielsson, 1973)	[GORUR et al., 2011b]	Macrosiphini	Aphidinae
<i>Volutaphis schusteri</i> (Börner 1939)	[REMAUDIERE et al., 2006]	Macrosiphini	Aphidinae
<i>Wahlgreniella arbuti</i> (Davidson, 1910)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Wahlgreniella nervata</i> Gillette, 1908	[ÇIRAKLI et al., 2008]	Macrosiphini	Aphidinae
<i>Xerobion album</i> (Remaudiere & Davatehi, 1959)	[TUATAY & REMAUDIERE, 1964]	Aphidini (Rhopalosiphina)	Aphidinae
<i>Xerobion cinae</i> (Nevsky, 1928)	[REMAUDIERE et al., 2006]	Aphidini (Rhopalosiphina)	Aphidinae
<i>Xerobion judenkoi</i> (Szelegiewicz, 1959)	[ÇANAKÇIOĞLU & EASTOP, 1972]	Aphidini (Rhopalosiphina)	Aphidinae
ADELGIDAE			
<i>Adelges cooleyi</i> (Gillette, 1907)	[GORUR et al., 2009a]	---	---
<i>Adelges pectinatae</i> (Cholodkovsky, 1888)	[GORUR et al., 2009a]	---	---
<i>Dreyfusia nordmannianae</i> Eckstein, 1899	[SCHIMITSCHEK, 1944]	---	---
<i>Pineus orientalis</i> (Dreyfus, 1889)	[SCHIMITSCHEK, 1944]	---	---

Table 2. Continued

APHIDIDAE			
Species+Author	[First reference from Turkey]	Tribe-Subtribe	Subfamily
<i>Pineus pini</i> (Macquart, 1813)	[SCHIMITSCHEK, 1944]	---	---
<i>Sacchiphantes abietis</i> (L., 1758)	[FAHRINGER, 1922]	---	---
PHYLLOXERIDAE			
<i>Daktulosphaira vitifoliae</i> (Fitch, 1855)	[ÇANAKÇIOĞLU, 1975]	---	---
<i>Phylloxera quercus</i> Boyer de Fonscolombe, 1841	[ÇANAKÇIOĞLU, 1975]	---	---
<i>Phylloxera salicis</i> Lichtenstein, 1884	[TOROS, 1982]	---	---
Subspecies			
<i>Acyrtosiphon cyparissiae propinquum</i> Mordvilko, 1914	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Acyrtosiphon malvae agrimoniae</i> (Börner, 1940)	[TUATAY & REMAUDIERE, 1964]	Macrosiphini	Aphidinae
<i>Aphis fabae cirsiacanthoidis</i> Scopoli, 1763	[TOROS et al., 2002]	Aphidini	Aphidinae
<i>Aphis fabae evonymi</i> Fabricius, 1775	[TUATAY & REMAUDIERE, 1964]	Aphidini	Aphidinae
<i>Aphis fabae mordvilko</i> Börner & Janisch, 1922	[ASLAN & UYGUN, 2005]	Aphidini	Aphidinae
<i>Aphis fabae solanella</i> Theobald, 1914	[ÇANAKÇIOĞLU & EASTOP, 1972]	Aphidini	Aphidinae
<i>Brachycaudus (Appelia) tragopogonis setosus</i> (Hille Ris Lambers, 1948)	[NAUMANN-ETIENNE & REMAUDIERE, 1995]	Macrosiphini	Aphidinae
<i>Chaitophorus salijaponicus niger</i> Mordvilko, 1929	[TUATAY & REMAUDIERE, 1964]	Chaitophorini	Chaitophorinae
<i>Chaitophorus vitellinae danubicus</i> Pintera, 1987	[REMAUDIERE et al., 2006]	Chaitophorini	Chaitophorinae
<i>Myzocallis (Agrioaphis) castanicola leclanti</i> Quednau & Remaudiere, 1994	[REMAUDIERE et al., 2006]	Panaphini	Calaphidinae
<i>Roepkea marchali batiaschvili</i> (Abashidze, 1950)	[BLACKMAN & EASTOP, 1994]	Macrosiphini	Aphidinae
<i>Therioaphis (Pterocallidium) trifolii ventromaculata</i> EP. Müller, 1968	[REMAUDIERE, 1989]	Panaphini	Calaphidinae

*Suspicious records (As a result of some doubts in the identification of these species, it was thought to sample again from the collected area, but unfortunately we did not manage to find these species)

cal, climatic, floristic, and agricultural aspects of Turkey, it is probable that the number of species do not adequately reflect the real situation. Remaudiere et al. (2006) pointed out that Turkish aphidofauna might have about 600 species. An indirect confirmation for this prediction could come from the comparison of Turkey aphid fauna with that of neighboring countries. Italy, a country similar in floristic composition, has 6000 plant species and the aphid species actually recorded are 860 (Barbagallo et al., 2009). In Romania, the situation is similar and 490 aphid species have actually been recorded. In Greece, a recent check list reports 301 aphid species (Tsitsipis et al., 2007). Turkey is a geographically large country: 31% of Turkish flora is endemic (Davis, 2008) and the aphid fauna in some regions has not yet been adequately studied. In the present study, possible er-

rors have been removed and list of the aphidofauna of Turkey has been renewed and could constitute a basis for future increment, a possibility that authors believe possible with further faunistic study.

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