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## Generic replacement names in the family *Megachilidae* (Hymenoptera)

Ahmet Ömer Koçak    Muhabbet Kemal

**Abstract:** Generic replacement names in the family *Megachilidae* (Hymenoptera). *Priamus* 12 (5): 127-128.

In this paper, following generic names are recorded as junior homonyms; therefore they are considered as invalid names. These are: *Carinella* Pasteels,1965, *Cuspidella* Pasteels,1965 (**syn.n.**), *Microhoplitis* Tkalcu,1993 (**syn.n.**). The following names are proposed here as replacement names: *Cesacongoa* (**nom.n.**), and *Tkalcua* (**nom.n.**).

**Key words:** Hymenoptera, Megachilidae, nomenclature, Congo, Marocco, Tunis, Israel, Canary Islands.

Within the frame of ongoing Project Entomofauna of the Old World by the Cesa, nomenclatural studies on the order Hymenoptera have been carrying out by the authors for four years. As a result of this survey, in the family of *Megachilidae* of Africa and the Middle East, the following generic names are recorded for the first time as a junior homonyms: *Carinella* Pasteels,1965 nec authors, *Cuspidella* Pasteels,1965 nec Hincks,1866, and *Microhoplitis* Tkalcu,1993 nec Marumo,1920. These names are evaluated below nomenclaturally:

### *Megachilidae*

#### *Megachile* (*Callomegachile*) Michener,1962

The subgenus name, *Carinella* Pasteels,1965 (Annls Mus. r. Afr. cent. (Sér. 8 Sci. zool.) No. 137: 447) is invalid as being junior homonym of *Carinella* Johnston 1833 (Mag. nat. Hist. 6: 232) (*Nemertea*), of *Carinella* Sowerby 1839 (Conch. Man.: 19) (*Mollusca*), of *Carinella* Pfeiffer 1875 (Novit. Conch. 4: 116) (*Mollusca*), of *Carinella* Etheridge 1873 (Geol. Mag. 10: 433) (*Bryozoa*), of *Carinella* Mabille 1870 (Ann. Malac. 1: 106) (*Mollusca*), of *Carinella* Waterhouse 1963 (N.Z. Jl Geol. Geophys. 6: 603) (*Gastropoda*). However, this name is currently considered as being junior subjective synonym of *Callomegachile* Michener,1962 in the genus *Megachile* Latreille,1802.

#### *Chalicodoma* Lapeletier,1841

#### *Chalicodoma* (*Cesacongoa*) nom. n.

The subgenus name, *Cuspidella* Pasteels,1965 (Annls Mus. r. Afr. cent. (Sér. 8 Sci. zool.) No. 137: 544) is invalid as being junior homonym of *Cuspidella* Hincks 1866 (Ann. Mag. nat. Hist. (3) 18: 298)

(*Coelenterata*). According to the Code (ICZN)<sup>1</sup>, a junior homonym name cannot be used as valid name for a taxon.<sup>2</sup> However, this name is currently treated as valid.<sup>3</sup> There is no junior synonym of *Cuspidella* Pasteels, 1965; therefore we propose here a replacement name, *Cesacongoa* nom.n. for *Cuspidella* Pasteels, 1965 nec Hinck, 1866. New name is a combination of the institutional name and the new state name, Democratic Republic of Congo, instead of Zaire.

Necessary name combination is given below:

*Chalicodoma (Cesacongoa) quadricauda* Pasteels, 1965 (**comb.n.**) D.R.Congo: Upemba NP.

### ***Hoplitis* Klug, 1807**

#### ***Hoplitis (Tkalcu) nom.n.***

The subgenus name, *Microhoplitis* Tkalcu, 1993 (Veroeffentlichungen aus dem Uebersee-Museum Bremen Naturwissenschaften 12(2): 811) is invalid as being junior homonym of *Microhoplitis* Marumo, 1920 (J. Coll. Agric. Univ. Tokyo 6: 281, 296) (*Lepidoptera*). According to the Code (ICZN)<sup>4</sup>, a junior homonym name cannot be used as valid name for a taxon.<sup>5</sup> However, this name is treated as valid.<sup>6</sup> There is no junior synonym of *Microhoplitis* Tkalcu, 1993; therefore we propose here a replacement name, *Tkalcu* nom. n. for *Microhoplitis* Tkalcu, 1993 nec Marumo, 1920. The new name is dedicated to the original author of the pre-occupied name.

Necessary name combinations are given below:

*Hoplitis (Tkalcu) paralias* (Mavromoustakis, 1954) (**comb.n.**) Morocco, Tunis, Israel.

*Hoplitis (Tkalcu) zandeni* (Teunissen & van Achterberg, 1992) (**comb.n.**) Canary Islands.

## Some replacement names among the genus group names in various families of the order *Homoptera*

Ahmet Ömer Koçak    Muhabbet Kemal

**Abstract:** Some replacement names among the genus group names in various families of the order Homoptera. *Priamus* 12 (5): 128-130.

In this paper, following generic names are recorded as junior homonyms; therefore they are considered as invalid names. These are: *Thymalops* Fennah, 1965 (*Delphacidae*) (**syn.n.**), *Alaca* Oman, 1938 (*Cicadellidae*) (**syn.n.**), *Straelenia* Lallemand & Synave, 1955 (*Cercopidae*) (**syn.n.**), *Weyrauchia* Lallemand, 1956 (*Fulgoridae*) (**syn.n.**). The following names are proposed here as replacement names: *Queenslandicesa* (**nom.n.**) (*Delphacidae*), *Latinocesa* (**nom.n.**) (*Cicadellidae*), *Cesapapua* (**nom.n.**) (*Cercopidae*), and *Fulgoricesa* (**nom.n.**) (*Fulgoridae*). The followings are the new combinations: *Queenslandicesa anderida* (Kirkaldy, 1907) (**comb.n.**) from Australia, *Queenslandicesa taiwana* (Yang, 1989) (**comb.n.**) from Taiwan, *Latinocesa longicauda* (Oman, 1938) (**comb.n.**) from Argentina, *Latinocesa multipunctata* (Osborn, 1923) (**comb.n.**) from Bolivia and Paraguay, *Latinocesa wygodzinskyi* (Linnavuori, 1954) (**comb.n.**) from Argentina, *Cesapapua araucariana* (Lallemand & Synave, 1955) (**comb.n.**) from Papua New Guinea, *Fulgoricesa peruviana* (Lallemand, 1956) (**comb.n.**) from Peru.

**Key words:** Homoptera, Delphacidae, Cicadellidae, Cercopidae, Fulgoridae, nomenclature, Australia, Papua New Guinea, Taiwan, Argentina, Bolivia, Paraguay, Peru.

<sup>1</sup> International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

<sup>2</sup> Watanabe, C., 1972, A revision of the Helconini of Japan and a review of Helconine genera of the World (Hymenoptera, Braconidae). *Insecta Matsumurana* 35 (1): 1-18.

<sup>3</sup> <http://www.atlashymenoptera.net/page.asp?id=76> (access on 18 Jan., 2010)  
<http://www.faculty.ucr.edu/~heraty/beepage.html> (access on 18 Jan., 2010)

<sup>4</sup> International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

<sup>5</sup> Watanabe, C., 1972, A revision of the Helconini of Japan and a review of Helconine genera of the World (Hymenoptera, Braconidae). *Insecta Matsumurana* 35 (1): 1-18.

<sup>6</sup> <http://www.atlashymenoptera.net/page.asp?id=76> (access on 18 Jan., 2010)  
<http://www.faculty.ucr.edu/~heraty/beepage.html> (access on 18 Jan., 2010)

Within the frame of ongoing Project Entomofauna of the World by the Cesa, nomenclatural studies on the order *Homoptera* have been carrying out by the authors for many years. As a result of this survey, in the family of *Delphacidae* of Australia, the following generic name is recorded for the first time as a junior homonym: *Thymalops* Fennah,1965. In the family *Cicadellidae*, the genus name, *Alaca* Oman,1938 is invalid as being junior homonym of *Alaca* Boettger,1911. In the family *Cercopidae*, the genus name *Straelenia* Lallemand & Synave,1955 is invalid as being junior homonym of *Straelenia* Maillieux 1935. In the family *Fulgoridae*, the genus name *Weyrauchia* Lallemand,1956 is invalid as being junior homonym of *Weyrauchia* Malaise 1955 and *Weyrauchia* Tippmann 1953. These names are evaluated nomenclaturally as follows:

### ***Delphacidae*** ***Queenslandicesa* nom.n.**

The genus name, *Thymalops* Fennah,1965 (Bull. Br. Mus. nat. Hist. (Ent.) 17: 20)<sup>7</sup> is invalid as being junior homonym of *Thymalops* Iablokoff Khnzorian,1962 (Folia ent. hung. (N.S.) 15: 424) (Coleoptera). According to the Code (ICZN)<sup>8</sup>, a junior homonym name cannot be used as valid name for a taxon.<sup>9</sup> However, this name is currently treated as valid.<sup>10</sup> There is no junior synonym of *Thymalops* Fennah,1965; therefore we propose here a replacement name, *Queenslandicesa* nom.n. for *Thymalops* Fennah,1965 nec Iablokoff Khnzorian,1962. The new name is a combination of the institutional name and the regional name, where the pre-occupied name established.

Necessary name combinations are given below:

*Queenslandicesa anderida* (Kirkaldy,1907) (**comb.n.**) Australia.

*Queenslandicesa taiwana* (Yang,1989) (**comb.n.**) Taiwan.

### ***Cicadellidae*** ***Latinocesa* nom. n.**

The genus name, *Alaca* Oman,1938 (Kans. Univ. Sci. Bull. 24: 386) is invalid as being junior homonym of *Alaca* Boettger,1911 (NachrBl. dt. malakozool. Ges. 43: 24) (Mollusca). According to the Code (ICZN)<sup>11</sup>, a junior homonym name cannot be used as valid name for a taxon. However, this name is currently treated as valid.<sup>12</sup> There is no junior synonym of *Alaca* Oman,1938; therefore we propose here a replacement name, *Latinocesa* nom.n. for *Alaca* Oman,1938 nec Boettger,1911. The new name is a combination of the institutional name and the region of America, where the pre-occupied name established.

Necessary name combinations are given below:

*Latinocesa longicauda* (Oman,1938) (**comb.n.**) Argentina

*Latinocesa multipunctata* (Osborn,1923) (**comb.n.**) Bolivia, Paraguay.

*Latinocesa wygodzinskyi* (Linnavuori,1954) (**comb.n.**) Argentina.

### ***Cercopidae* Westwood,1838** ***Cesapapua* nom.n.**

The genus name *Straelenia* Lallemand & Synave,1955 (Results of the Archbold Expeditions. Description de cercopides nouveaux recueillis en Nouvelle Guinée durant les années 1938 et 1939.. *Treubia* **23**: 53-67) is invalid as being junior homonym of *Straelenia* Maillieux 1935 (Mém. Mus. Hist. nat. Belgique

<sup>7</sup> Fennah, R.G. 1965. Delphacidae from Australia and New Zealand (Homoptera: Fulgoroidea). *Bulletin of the British Museum (Natural History), Entomology* **17**(1): 1–59

<sup>8</sup> International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

<sup>9</sup> Watanabe,C., 1972, A revision of the Helconini of Japan and a review of Helconine genera of the World (Hymenoptera, Braconidae). *Insecta Matsumurana* **35** (1): 1-18.

<sup>10</sup> <http://www.environment.gov.au/biodiversity/abrs/online-resources/fauna/afd/taxa/Thymalops> (access on 18 Jan.,2010)  
<http://www1.dpi.nsw.gov.au/keys/auch/spllist.htm> (access on 18 Jan.,2010), etc.

<sup>11</sup> International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

<sup>12</sup> <http://www.sel.barc.usda.gov/Selhome/leafhoppers/HTML/A.html> (access on 18 Jan.,2010);  
<http://redalyc.uaemex.mx/redalyc/pdf/491/49103203.pdf>

70: 10) (Brach.). According to the Code (ICZN)<sup>13</sup>, a junior homonym name cannot be used as valid name for a taxon. However, this name is currently treated as valid.<sup>14</sup> There is no junior synonym of *Straelenia* Lallemand & Synave,1955; therefore we propose here a replacement name, *Cesapapua* nom.n. for *Straelenia* Lallemand & Synave,1955 nec Maillieux 1935. The new name is a combination of the institutional name and the region, where the pre-occupied name established.

Necessary name combination is given below:

*Cesapapua araucariana* (Lallemand & Synave,1955) (**comb.n.**) Papua New Guinea.

***Fulgoridae***  
***Episciini***  
***Fulgoricesa* nom.n.**

The genus name *Weyrauchia* Lallemand,1956 (Bull. Inst. r. Sci. nat. Belg. 32 (39): 5)<sup>15</sup> is invalid as being junior homonym of *Weyrauchia* Malaise 1955 (Ent. Tidskr. 76: 113) (*Hymenoptera*) and *Weyrauchia* Tippmann 1953 (Dusenien 4: 226) (*Coleoptera*). According to the Code (ICZN)<sup>16</sup>, a junior homonym name cannot be used as valid name for a taxon. However, this name is currently treated as valid.<sup>17</sup> There is no junior synonym of *Straelenia* Lallemand & Synave,1955; therefore we propose here a replacement name, *Fulgoricesa* nom.n. for *Weyrauchia* Lallemand,1956 nec Malaise 1955 non Tippmann 1953. The new name is a combination of the institutional name and the family name, where the pre-occupied name included.

Necessary name combination is given below:

*Fulgoricesa peruviana* (Lallemand,1956) (**comb.n.**) Peru.

## List of the species of some pterygot orders recorded in the Province Van (East Turkey) and a description of a new species in the family *Cicadidae* (*Insecta*)<sup>18</sup>

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**Abstract:** List of the species of some pterygot orders recorded in the Province Van (East Turkey) and a description of a new species in the family *Cicadidae* (*Insecta*). *Priamus* 12 (5): 130-149.

In this paper, a synonymous list of 522 species belonging to 12 pterygot orders recorded in Van Province are listed alphabetically. Distributional information of each species are mentioned as provincial codes of Turkey. A new species, In the family *Cicadidae*, *Tibicina serhadensis* sp.n. is also described briefly from Van Province.

**Key words:** Fauna, distribution, Van, Turkey, species, *Coleoptera*, *Blattodea*, *Dermaptera*, *Diptera*, *Hemiptera*, *Homoptera*, *Hymenoptera*, *Mantodea*, *Mecoptera*, *Neuroptera*, *Odonata*, *Orthoptera*.

The aim of this paper is to gather the published information on the provincial fauna of the *Pterygota*, as well as the results of the field studies of the authors. For this purpose, 522 species of the following 12 orders are listed here alphabetically: *Coleoptera* (123), *Blattodea* (2), *Dermaptera*

<sup>13</sup> International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

<sup>14</sup> <http://rameau.snv.jussieu.fr/cool/database.php?db=cool&lang=en&card=genus&id=133> (access on 18 Jan.,2010)

<sup>15</sup> Contribution a l'etude des Fulgoridae (Hemiptera) (premiere note). Bull Inst Sci nat Belg Brussels, 32(no. 39) 1956: 1-7.

<sup>16</sup> International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

<sup>17</sup> Urban, J.M. & J.R. Cryan, 2009, Entomologically famous, evolutionarily unexplored: The first phylogeny of the lanternfly family Fulgoridae (Insecta: Hemiptera: Fulgoroidea). Mol. Phyl. Evol. 50: 471-484. [author name of the species *Weyrauchia peruviana*, written erroneously as "Nast" [p.473]

<sup>18</sup> This article is one of the results of the Project Entomofauna of Turkey (ET).

(4), *Diptera* (100), *Hemiptera* (25), *Homoptera* (97), *Hymenoptera* (91), *Mantodea* (2), *Mecoptera* (1), *Neuroptera* (14), *Odonata* (22), and *Orthoptera* (41). The Lepidoptera will be evaluated in a separate article in future.

The list of the species submitted here is clearly initial, due to the faunistical researches of the authors in this province are still continuing. The expected number of the pterygot species of a province in Turkey is about 5000. Hitherto recorded number of the species, including the Lepidoptera, is only 1649. This number appears relatively low, if it is compared with some Turkish provinces (**Table 1**). For example, number of the pterygot species in Van is currently known of almost 33% of the expected one. Similarly, in Bitlis the known species is %17.20 of the expected faunal number. Therefore, the authors have a program of an extensive field studies in this year in the provinces of South East Turkey.

**Table 1** - Number of the species of the Lepidoptera and other 12 pterygot orders in the selected ten provinces of Turkey. The present rate is calculated by using the estimated target number of species, i.e., 5000 for each province. stand 1.1.2010.

Province	Lepidoptera	other 12 orders	total	rate %
Ankara	1436	1383	2819	56.38
Konya	1273	798	2071	41.42
Bursa	1303	659	1962	39.24
Erzurum	796	1071	1867	37.34
İçel	857	966	1823	36.46
Amasya	1424	330	1754	35.08
Antalya	573	1103	1676	33.52
Van	1127	522	1649	32.98
Bitlis	628	232	860	17.20
Diyarbakır	263	356	619	12.38

## Alphabetical list of the species recorded in Van Province

In the following list, totally 522 species are given alphabetically. The species belong to the following orders: *Coleoptera*, *Blattodea*, *Dermaptera*, *Diptera*, *Hemiptera*, *Homoptera*, *Hymenoptera*, *Mantodea*, *Mecoptera*, *Neuroptera*, *Odonata*, and *Orthoptera*. To each species, their families and chronologically arranged synonyms are added. Unavailable names are marked with #. Distribution of the species in Turkey are explained as provincial codes. These codes are mentioned below:

01 Adana	18 Çankırı	35 Izmir	52 Ordu	69 Bayburt
02 Adıyaman	19 Çorum	36 Kars	53 Rize	70 Karaman
03 Afyonkarahisar	20 Denizli	37 Kastamonu	54 Sakarya	71 Kırıkkale
04 Ağrı	21 Diyarbakır	38 Kayseri	55 Samsun	72 Batman
05 Amasya	22 Edirne	39 Kırklareli	56 Siirt	73 Şırnak
06 Ankara	23 Elazığ	40 Kırşehir	57 Sinop	74 Bartın
07 Antalya	24 Erzincan	41 Kocaeli (Izmit)	58 Sivas	75 Ardahan
08 Artvin	25 Erzurum	42 Konya	59 Tekirdağ	76 Iğdır
09 Aydın	26 Eskişehir	43 Kütahya	60 Tokat	77 Yalova
10 Balıkesir	27 Gaziantep	44 Malatya	61 Trabzon	78 Karabük
11 Bilecik	28 Giresun	45 Manisa	62 Tunceli	79 Kilis
12 Bingöl	29 Gümüşhane	46 Kahramanmaraş	63 Şanlıurfa	80 Osmaniye
13 Bitlis	30 Hakkari	47 Mardin	64 Uşak	81 Düzce
14 Bolu	31 Hatay	48 Muğla	65 Van	
15 Burdur	32 Isparta	49 Muş	66 Yozgat	
16 Bursa	33 İçel (Mersin)	50 Nevşehir	67 Zonguldak	
17 Çanakkale	34 İstanbul	51 Niğde	68 Aksaray	

1. **Ablabemyia monilis (Linnaeus,1758)** (Chironomidae) <sup>19</sup> Synonym(s): *monilis* Linnaeus,1758 **65**
2. **Ablabemyia phatta (Egger,1896)** (Chironomidae) Synonym(s): *phatta* Egger,1896 **65**
3. **Acanthiophilus helianthi (Rossi,1790)** (Tephritidae) Synonym(s): *helianthi* Rossi,1790; *eluta* Meigen,1826 **01 03 06 07 10 16 20 21 32 33 35 38 41 42 45 46 48 51 58 65 70**
4. **Acrotylus insubricus (Scopoli,1786)** (Acrididae) Synonym(s): *insubricus* Scopoli,1786; *maculatum* Olivier,1791; *fasciatus* Fabricius,1793; *maderae* Audinet-Serville,1838; *inficitus* Walker,1870; *variegata* Walker,1870; *versicolor* Burr,1898; *biskrensis* Maran,1958 **01 06 11 12 16 23 31 33 34 35 38 41 42 43 45 46 55 61 65**
5. **Adesmia (s.str.) fischeri Faldermann,1837** (Tenebrionidae) Synonym(s): *fischeri* Faldermann,1837 **23 65**
6. **Aeshna affinis Van Der Linden,1820** (Aeshnidae) Synonym(s): *affinis* Van Der Linden,1820 **07 42 45 65**
7. **Aeshna serrata (Hagen,1856)** (Aeshnidae) Synonym(s): *serrata* Hagen,1856 **65**
8. **Agabus (Gaurodytes) bipustulatus (Linnaeus,1767)** (Dytiscidae) Synonym(s): *bipustulatus* Linnaeus,1767 **01 06 07 08 16 32 34 35 36 37 38 41 42 48 53 61 64 65**
9. **Agabus (Gaurodytes) dilatatus (Brullé,1832)** (Dytiscidae) Synonym(s): *dilatatus* Brullé,1832 **01 06 16 29 32 35 41 42 53 61 65**
10. **Agallia bispinata (Dlabola,1957)** (Cicadellidae) Synonym(s): *bispinata* Dlabola,1957 **06 17 28 29 62 65**
11. **Agalmatium flavescens (Olivier,1791)** (Issidae) Synonym(s): *flavescens* Olivier,1791; *grylloides* Fabricius,1794; *liliimacula* O.Costa,1834; *bifasciatus* O.Costa,1834; *smyrnensis* Spinola,1839; *dufourii* Spinola,1839; *sicula* O.Costa,1840; *zelleri* Kirschbaum,1868 **19 22 37 59 65 67**
12. **Agenioideus apicalis (Van der Linden,1827)** (Pompilidae) Synonym(s): *apicalis* Van der Linden,1827 **24 60 63 65**
13. **Agenioideus ciliatus (Lepeletier,1845)** (Pompilidae) Synonym(s): *ciliatus* Lepeletier,1845; *acrobat* Ferton,1911 **05 25 36 42 50 51 58 60 63 65 69 76**
14. **Agenioideus excisus (Morawitz,1890)** (Pompilidae) Synonym(s): *excisus* Morawitz,1890; *emarginatus* Haupt **01 04 06 09 10 23 24 25 30 33 42 44 50 60 63 65**
15. **Agenioideus ruficeps (Eversmann,1849)** (Pompilidae) Synonym(s): *ruficeps* Eversmann,1849 **04 06 09 20 24 25 30 33 38 42 50 63 65 71**
16. **Agenioideus sericeus (Van der Linden,1827)** (Pompilidae) Synonym(s): *sericeus* Van der Linden,1827 **06 08 12 20 25 30 33 36 50 65 73 76**
17. **Agenioideus vesanus (Kohl,1907)** (Pompilidae) Synonym(s): *vesanus* Kohl,1907 **30 65**
18. **Agonum viridicupreum (Goeze,1777)** (Carabidae) Synonym(s): *viridicupreum* Goeze,1777 **06 65**
19. **Ammophila heydeni Dahlbom,1845** (Sphecidae) Synonym(s): *heydeni* Dahlbom,1845 **65**
20. **Amphicoma (Pygopleurus) koniae Petrovitz,1957** (Glaphyridae) Synonym(s): *koniae* Petrovitz,1957; *vulpoides* Petrovitz,1968 **42 65**
21. **Amphicoma (Pygopleurus) sexualis Petrovitz,1968** (Glaphyridae) Synonym(s): *sexualis* Petrovitz,1968; *muliebris* Petrovitz,1968 **65**
22. **Amphicoma (Rudeulasia) hybrida (Reitter,1890)** (Glaphyridae) Synonym(s): *hybrida* Reitter,1890; *agricola* Reitter,1890; *ithae* Reitter,1903 **06 12 21 23 24 27 30 32 38 44 46 47 49 56 62 63 65**
23. **Amphicoma (Rudeulasia) pulchra (Reitter,1890)** (Glaphyridae) Synonym(s): *pulchra* Reitter,1890; *kurdistan* Petrovitz,1968 **21 23 30 44 47 56 65**
24. **Amphicoma (Vittateulasia) vittata (Fabricius,1775)** (Glaphyridae) Synonym(s): *vittata* Fabricius,1775; *lineata* Faldermann,1835; *strigata* Waltl,1838; *smyrnensis* Castelnau,1840; *syriaca* Kollar & Redtenbacher,1843; *africana* Reitter,1890; *chrysur* Reitter,1890; *decorata* Reitter,1890; *semifulva* Reitter,1890; *lateritia* Reitter,1903; *pseudochrysur* Miksic,1960; *persica* Petrovitz,1963 **13 19 35 60 65**
25. **Anax imperator Leach,1815** (Aeshnidae) Synonym(s): *imperator* Leach,1815 **06 07 08 15 34 42 45 65 67**
26. **Ancistrocerus oviventris (Wesmael,1836)** (Vespidae) Synonym(s): *oviventris* Wesmael,1836 **05 06 24 25 29 34 38 65 69**
27. **Anechura bipunctata (Fabricius,1781)** (Forficulidae) Synonym(s): *bipunctata* Fabricius,1781; *asiatica* Semenov,1903; *fabricii* Fieber,1854 **38 65**

<sup>19</sup> The Chironomid Midges are called here “Vangölü sineği”. Totally 41 chironomid species are recorded around the Van lake so far. As in many places in the World, where the people settled near lakes, rivers, or similar aquatic habitats, the inhabitants of Van city have problems due to frequently population explosions of the chironomids. Besides, in summer nights, from June to September, the Midge swarms create dangerous driving conditions on highways out of the cities. As management, the following programs should be realized: First of all, instead of impractical chemical control, the level of the organic pollution in Van Lake due to the anthropogen factors must be controlled and diminished as soon as possible. Secondly, along the coastal area, if a nuisance exists, reliefs may be achieved by strategic lighting and shrubbery and tree placement as windbreak barriers.

28. **Anisoplia (Chaetopteroptia) segetum (Herbst,1783)** (Scarabaeidae) Synonym(s): *segetum* Herbst,1783 **19 44 65**
29. **Anoplius concinnus (Dahlbom,1845)** (Pompilidae) Synonym(s): *concinnus* Dahlbom,1845 **08 25 31 33 36 42 50 60 61 64 65 76**
30. **Anoplius infuscatus (Van der Linden,1827)** (Pompilidae) Synonym(s): *infuscatus* Van der Linden,1827; *meticulosus* Costa,1882 **01 06 07 08 09 11 24 25 31 30 33 34 36 42 44 46 50 52 53 55 58 63 65 70 71 76 78**
31. **Anoplius samariensis (Pallas,1771)** (Pompilidae) Synonym(s): *samariensis* Pallas,1771 **01 04 06 24 25 30 33 36 38 42 50 51 58 65 69**
32. **Anoplius schlettereri (Radoszkowski,1888)** (Pompilidae) Synonym(s): *schlettereri* Radoszkowski,1888; *niger* Priesner,1967 **04 12 16 24 25 27 33 34 42 44 65 69 70 73**
33. **Anoplius viaticus (Linnaeus,1758)** (Pompilidae) Synonym(s): *viaticus* Linnaeus,1758; *nigripennis* Tournier,1890 **02 05 06 07 08 11 12 13 16 21 22 23 24 25 30 31 32 33 34 35 36 38 39 42 43 46 50 51 53 55 58 60 63 64 65 69 76 80**
34. **Antepipona insana (Giordani Soika,1943)** (Vespidae) Synonym(s): *insana* Giordani Soika,1943; *calva* Gusenleitner,1988 **06 08 25 65**
35. **Aphelocheirus aestivalis (Fabricius,1794)** (Aphelocheiridae) Synonym(s): *aestivalis* Fabricius,1794 **65**
36. **Aphis fabae Scopoli,1763** (Aphididae) Synonym(s): *fabae* Scopoli,1763 **65**
37. **Aphrodes bicinctus (Schränk,1776)** (Cicadellidae) Synonym(s): *striata* Linnaeus,1761 (*praeocc.*); *rustica* Fabricius,1775 (*praeocc.*); *bicinctus* Schränk,1776; *ochromelas* Gmelin,1790; *variegata* Fabricius,1794; *striatella* Fabricius,1794; *transversa* Fabricius,1798; *strigata* Turton,1802; *pallidus* Curtis,1836; *cardui* Curtis,1836; *fasciatus* Curtis,1836; *obscurus* Curtis,1836; *rugosus* Curtis,1836; *sparsus* Curtis,1836; *unicolor* Curtis,1836; *pulverulenta* Curtis,1837; *adustus* Hardy,1850; *obtusifrons* Kirschbaum,1868; *signifrons* Rey,1894; *aestuarinus* Edwards,1908; *brevior* Melichar,1914; *alpinus* Prohaska,1923; *diminutus* Ribaut,1952; *centrossicus* Zachvatkin,1952; *ferganensis* Dubovsky,1966 **01 03 06 07 11 16 17 21 22 23 24 25 27 28 29 34 35 36 39 42 43 45 48 51 52 53 54 55 57 59 60 61 64 65 67 73**
38. **Aphrodes elongatus (Lethierry,1876)** (Cicadellidae) Synonym(s): *elongatus* Lethierry,1876 **38 65**
39. **Aphthona crassicornis Lopatin,1990** (Chrysomelidae) Synonym(s): *crassicornis* Lopatin,1990 **65**
40. **Apis mellifera Linnaeus,1758** (Apidae) Synonym(s): *mellifera* Linnaeus,1758; *mellifica* Linnaeus,1761 **06 35 41 65 75**
41. **Aporinellus sexmaculatus (Spinola,1805)** (Pompilidae) Synonym(s): *sexmaculatus* Spinola,1805; *asiaticus* Gussakovskii,1935 **07 11 24 25 33 34 36 38 42 43 50 58 63 65**
42. **Apsectrotamypus trifascipennis (Zetterstedt,1850)** (Chironomidae) Synonym(s): *trifascipennis* Zetterstedt,1850 **08 12 23 24 65**
43. **Arachnospila fumipennis (Zetterstedt,1838)** (Pompilidae) Synonym(s): *fumipennis* Zetterstedt,1838 **08 25 65 75**
44. **Arachnospila hedickei (Haupt,1929)** (Pompilidae) Synonym(s): *hedickei* Haupt,1929 **25 29 50 65**
45. **Arachnospila osmana (Wolf,1999)** (Pompilidae) Synonym(s): *osmana* Wolf,1999 **65**
46. **Arachnospila rufa (Haupt,1927)** (Pompilidae) Synonym(s): *rufa* Haupt,1927 **06 24 25 38 65**
47. **Arcyptera (Pararcyptera) microptera (Fischer de Waldheim,1833)** (Acrididae) Synonym(s): *microptera* Fischer de Waldheim,1833 **30 65**
48. **Artianus manderstjernii (Kirschbaum,1868)** (Cicadellidae) Synonym(s): *manderstjernii* Kirschbaum,1868 **04 06 07 10 18 21 22 27 35 39 63 65 67**
49. **Attelabus nitens (Scopoli,1763)** (Attelabidae) Synonym(s): *nitens* Scopoli,1763; *curculionoides* Linnaeus,1767; *coryli* Müller,1776; *maculipes* Rondani,1833 **01 07 08 09 11 13 16 31 33 34 62 65 80**
50. **Atylotus hendrixii Leclercq,1967** (Tabanidae) Synonym(s): *hendrixii* Leclercq,1967 **01 03 06 08 15 25 26 30 33 38 42 65 66**
51. **Auplopus carbonarius (Scopoli,1763)** (Pompilidae) Synonym(s): *carbonarius* Scopoli,1763 **04 07 08 09 21 24 25 26 27 31 33 38 42 45 50 61 63 65 66**
52. **Auplopus rectus (Haupt,1927)** (Pompilidae) Synonym(s): *rectus* Haupt,1927; *ater* Haupt,1930 **06 08 11 14 20 22 24 25 29 30 31 33 36 42 47 50 51 52 53 58 60 63 65 73**
53. **Balclutha pellucens Horvath,1909** (Cicadellidae) Synonym(s): *pellucens* Horvath,1909; *viridella* Lindberg,1941 **02 04 05 06 08 13 14 15 18 21 24 25 30 36 47 55 65 76**
54. **Balclutha rhenana Wagner,1939** (Cicadellidae) Synonym(s): *rhenana* Wagner,1939 **07 10 25 33 44 65**
55. **Batozonellus lacerticida (Pallas,1771)** (Pompilidae) Synonym(s): *lacerticida* Pallas,1771 **07 09 25 31 33 37 42 60 65**
56. **Batracomorphus irroratus Lewis,1834** (Cicadellidae) Synonym(s): *irroratus* Lewis,1834; *microcephalus* Herrich-Schäffer,1838; *punctulatus* Forel,1858; *punctuosus* Kirschbaum,1868; *verrucosa* Haupt,1917 **01 02 06 14 15 21 25 38 50 58 59 65**
57. **Bembecinus acanthomerus (Morice,1911)** (Crabronidae) Synonym(s): *acanthomerus* Morice,1911 **02 13 30 33 42 47 56 63 65 73**

58. **Bembecinus nigrolabrum Schmid-Egger,2004** (Crabronidae) Synonym(s): *nigrolabrum Schmid-Egger,2004* **04 50 65**
59. **Bembecinus peregrinus (Smith,1856)** (Crabronidae) Synonym(s): *peregrinus Smith,1856; erberi Mocsary,1881; biarmatus Mocsary,1883* **01 02 04 05 07 09 13 23 25 33 35 42 44 48 56 63 65 73 80**
60. **Bembecinus tridens (Fabricius,1781)** (Crabronidae) Synonym(s): *tridens Fabricius,1781; cinctus Rossi,1790; repandus Panzer,1801; sinuatus Latreille,1805; satsumanus Sonan,1934; errans De Beaumont,1950* **02 07 27 15 30 33 36 38 41 51 63 65 73**
61. **Berosus (Enoplurus) spinosus (Steven,1808)** (Hydrophilidae) Synonym(s): *spinosus Steven,1808* **01 03 06 09 22 23 31 33 36 44 65**
62. **Bibio marci (Linnaeus,1758)** (Bibionidae) Synonym(s): *marci Linnaeus,1758* **65**
63. **Blaps tibialis Reiche & Saulcy,1857** (Tenebrionidae) Synonym(s): *tibialis Reiche & Saulcy,1857* **04 06 07 09 15 21 22 26 33 34 35 38 39 42 45 46 50 51 58 65 80**
64. **Blatta orientalis Linnaeus,1758** (Blattidae) Synonym(s): *orientalis Linnaeus,1758* **06 16 34 42 65 80**
65. **Bolivaria brachyptera (Pallas,1773)** (Mantidae) Synonym(s): *brachyptera Pallas,1773* **05 06 08 26 27 33 35 42 44 46 65 78**
66. **Bombylella atra (Scopoli,1763)** (Bombyliidae) Synonym(s): *ater Scopoli,1763; #quartus Schaeffer,1768; uralensis Gmelin,1790; barbatus Pallas,1818; lugubris Loew,1855* **65**
67. **Brachycerus quadrisulcatus Fischer v.Waldheim,1830** (Brachyceridae) Synonym(s): *quadrisulcatus Fischer v.Waldheim,1830; difformis Faldermann,1837* **21 27 31 44 49 65**
68. **Brachymeria femorata (Panzer,1801)** (Chalcididae) Synonym(s): *femorata Panzer,1801; ornatipes Cameron,1906; immaculata Masi,1951* **65**
69. **Brumus octosignatus (Gebler,1830)** (Coccinellidae) Synonym(s): *octosignatus Gebler,1830* **01 06 22 25 32 38 65**
70. **Bubopsis hamatus (Klug,1834)** (Ascalaphidae) Synonym(s): *hamatus Klug,1834* **01 02 05 07 17 21 23 32 34 44 47 56 58 63 65 80**
71. **Callimenus dilatatus (Stal,1876)** (Tettigoniidae) Synonym(s): *dilatatus Stal,1876* **05 06 13 23 35 42 65 70 71**
72. **Calliptamus barbarus (Costa,1836)** (Acrididae) Synonym(s): *barbarus Costa,1836; ictericus Audinet-Serville,1838; sicularis Burmeister,1838; discoidalis Walker,1870; minimus Ivanov,1888; deserticola Vosseler,1902; punctata Kirby,1914; montanus Chopard,1937; pallidipes Chopard,1943; chopardi Grassé & Hollande,1945; monspelliensis Grassé & Hollande,1945; nanus Mishchenko,1951; parvus Maran,1952; salina Maran,1954;* **01 03 04 05 06 07 08 09 10 13 14 15 16 17 19 20 21 22 23 25 26 27 31 32 33 34 35 36 37 38 39 41 42 44 45 48 49 50 51 53 55 58 59 60 62 63 64 65 71 78**
73. **Calliptamus italicus (Linnaeus,1758)** (Acrididae) Synonym(s): *italicus Linnaeus,1758; germanicus Fabricius,1775; affinis Thunberg,1815; fasciatum Hahn,1836; marginellus Serville,1838; cerisanus Serville,1838; marmoratus Fischer von Waldheim,1846; blandus Ivanov,1888; bilineata Puschignig,1910; anachoretus Baranov,1925; gilvonicans Voronovsky,1927; grandis Ramme,1927; reductus Ramme,1927; afghanus Ramme,1952* **01 03 06 07 09 13 16 25 26 31 33 34 35 36 39 43 46 49 55 59 60 61 65 77 80**
74. **Calopteryx intermedia Selys,1887** (Calopterygidae) Synonym(s): *intermedia Selys,1887* **01 02 07 11 31 33 35 38 45 46 47 48 65 80**
75. **Calosoma sycophanta (Linnaeus,1758)** (Carabidae) Synonym(s): *sycophanta Linnaeus,1758; severum Chaudoir,1850* **06 61 65**
76. **Campiglossa producta Loew,1844** (Tephritidae) Synonym(s): *producta Loew,1844* **01 06 07 08 15 25 29 32 33 41 42 45 51 38 48 58 65 66 70**
77. **Campiglossa tesellata (Loew,1844)** (Tephritidae) Synonym(s): *tesellata Loew,1844; producta Loew,1844* **04 07 35 38 45 48 65**
78. **Capnodis marquardtii Reitter,1913** (Buprestidae) Synonym(s): *marquardtii Reitter,1913* **12 65**
79. **Carabus (Lamprostus) calleyi Fischer von Waldheim,1823** (Carabidae) Synonym(s): *calleyi Fischer von Waldheim,1823* **65**
80. **Carabus (Procrustes) chevrolati Cristoforis & Jan,1837** (Carabidae) Synonym(s): *chevrolati Cristoforis & Jan,1837; assimilis Cristoforis & Jan,1837; persimilis Csiki,1927* **13 18 65**
81. **Catoplatus brevicornis Akramovskaya & Golub,1973** (Tingidae) Synonym(s): *brevicornis Akramovskaya & Golub,1973* **01 08 13 30 65**
82. **Celes variabilis (Pallas,1771)** (Acrididae) Synonym(s): *variabilis Pallas,1771; rhodoptilus Charpentier,1825; subcoerulipennis Charpentier,1825; #arbonarius Uvarov,1917* **01 06 16 19 25 26 33 34 35 38 46 64 65**
83. **Cephalochilus draco Giordani & Soika,1970** (Vespidae) Synonym(s): *draco Giordani & Soika,1970* **06 09 16 35 47 63 65 73**
84. **Cerapterocerus mirabilis Westwood,1833** (Encyrtidae) Synonym(s): *mirabilis Westwood,1833; anebus Walker,1837; platycera Costa,1839; mirabilicornis Förster,1841; maculipennis Ratzeburg,1848; multiradiatus Thomson,1876* **32 35 65**



- 85. Ceratophygadeuon anurus (Thomson,1884)** (Ichneumonidae) Synonym(s): *anurus* Thomson,1884 **65**
- 86. Ceropales albicincta (Rossi,1790)** (Pompilidae) Synonym(s): *albicincta* Rossi,1790; *wolffi* Moczar,1978 **01 04 06 11 23 24 25 30 33 36 42 55 58 65 66**
- 87. Ceropales helvetica Tournier,1889** (Pompilidae) Synonym(s): *helvetica* Tournier,1889 **06 07 08 30 31 33 36 42 44 50 51 65**
- 88. Cetonia (s.str.) aurata (Linnaeus,1761)** (Scarabaeidae) Synonym(s): *aurata* Linnaeus,1761; *smaragdus* De Geer,1774; *aenea* Fuessly,1778; *chlorochrysa* Schrank,1776; *viridicorus* Voet,1779; *maculata* Scriba,1790; *variabilis* Preyss.,1790; *piligera* Mulsant & Rey,1842; *praeclara* Mulsant & Rey,1842; *clermonti* Bourgin,1948 **01 05 12 14 27 48 57 60 65 67 70**
- 89. Chironomus plumosus (Linnaeus,1758)** (Chironomidae) Synonym(s): *plumosus* Linnaeus,1758 **01 65**
- 90. Chlorita vana Dlabola,1971** (Cicadellidae) Synonym(s): *vana* Dlabola,1971 **58 65**
- 91. Chloromyia speciosa (Macquart,1834)** (Stratiomyidae) Synonym(s): *speciosa* Macquart,1834; *melampogon* Zeller,1842; *subalpina* Strobl,1910; *nigripes* Pleske,1926 **65**
- 92. Chorthippus (Chorthippus) parallelus (Zetterstedt,1821)** (Acrididae) Synonym(s): *parallelus* Zetterstedt,1821; *pratorum* Fieber,1852; *explicatus* Selys-Longchamps,1862; *nigrolineatus* Ivanov,1888; *sylvestris* Puschnig,1910; *montana* Chopard,1922; *caffra* Ramme,1923; *fuliginosus* Voroncovsky,1928; *prasinolateralis* Voroncovsky,1928; *prasinoperficis* Voroncovsky,1928; *prasinus* Voroncovsky,1928; *viridis* Voroncovsky,1928; *aemulus* Mishchenko,1951; *geriberti* Harz,1962; *caffer* Harz,1975 **04 06 08 10 14 16 17 18 22 23 25 26 32 33 34 35 36 39 41 42 43 44 45 46 49 50 51 54 62 65 71**
- 93. Chorthippus (Glyptobothrus) longicornis (Latreille,1804)** (Acrididae) Synonym(s): *longicornis* Latreille,1804 **06 16 26 34 35 46 65**
- 94. Chorthippus (Glyptobothrus) macrocerus (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *macrocerus* Fischer von Waldheim,1846 **31 53 60 65**
- 95. Chorthippus (s.str.) dichrous (Eversmann,1859)** (Acrididae) Synonym(s): *dichrous* Eversmann,1859; *australia* Predtechenskii,1928 **03 04 06 08 09 10 12 13 14 15 16 18 20 23 24 25 26 32 35 36 38 39 41 42 43 44 46 49 50 51 57 58 59 62 63 65 66 71**
- 96. Chorthippus (s.str.) loratus (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *loratus* Fischer von Waldheim,1846; *dorsatus* Giglio-Tos,1894; *brauneri* Znojko,1928; *dessyi* Jannone,1936 **01 02 03 05 06 10 12 13 14 15 16 18 19 21 22 23 26 27 34 35 37 38 39 41 45 46 49 50 51 53 55 56 57 59 62 63 65 71 80**
- 97. Chorthippus (Stauroderus) scalaris (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *scalaris* Fischer von Waldheim,1846 **18 53 55 65**
- 98. Chromovalgus peyroni (Mulsant & Wachanru,1852)** (Scarabaeidae) Synonym(s): *peyroni* Mulsant & Wachanru,1852 **07 42 65 70 80**
- 99. Chrysolina marginata (Linnaeus,1758)** (Chrysomelidae) Synonym(s): *marginata* Linnaeus,1758; *unificans* Bechyne,1950 **04 08 24 25 26 32 36 42 50 58 65 69 75**
- 100. Chrysolina orientalis (Olivier,1807)** (Chrysomelidae) Synonym(s): *orientalis* Olivier,1807; *campicola* Gistel,1857; *palaestina* Bechyne,1950; *thraeissa* Bechyne,1950 **09 34 65**
- 101. Chrysops (s.str.) flavipes Meigen,1804** (Tabanidae) Synonym(s): *flavipes* Meigen,1804; *punctifer* Loew,1858; *#favipes* Kılıç,1999 **01 02 03 04 06 07 10 11 13 14 16 17 18 20 21 22 23 24 25 26 30 31 33 34 35 36 38 40 42 43 44 45 48 50 51 57 58 59 65 66 67 69 73 74 76 78 81**
- 102. Cicadatra hyalina (Fabricius,1798)** (Cicadidae) Synonym(s): *hyalina* Fabricius,1798; *geodesma* Kolenati,1857; *taurica* Fieber,1876; *virens* Fieber,1876; *burriana* Horvath,1912; *viridis* Haupt,1917; *discrepans* Schumacher,1923; *rossica* Schumacher,1923 **02 06 07 23 24 29 30 32 35 42 46 50 51 56 57 63 65 72**
- 103. Cicadatra persica Kirkaldy,1909** (Cicadidae) Synonym(s): *lineola* Hagen,1856 (*praeocc.*); *persica* Kirkaldy,1909 **01 06 13 15 29 46 65**
- 104. Cicindela asiatica Audouin & Brullé,1839** (Carabidae) Synonym(s): *asiatica* Audouin & Brullé,1839 **01 12 13 23 30 31 46 49 56 62 63 65**
- 105. Cicindela turkestanicoides W.Horn,1938** (Carabidae) Synonym(s): *turkestanicoides* W.Horn,1938 **12 13 24 30 44 49 62 65**
- 106. Cionus olivieri Rosenschöld,1838** (Curculionidae) Synonym(s): *olivieri* Rosenschöld,1838 **65**
- 107. Circulifer haematoceps (Mulsant & Rey,1855)** (Cicadellidae) Synonym(s): *haematoceps* Mulsant & Rey,1855; *haagi* Kirschbaum,1868; *opacus* Kirschbaum,1868; *rubrotinctus* Kirschbaum,1868; *opacipennis* Lethierry,1876; *vittiventris* Lethierry,1876; *diluta* Ferrari,1882; *picta* Ferrari,1882; *minor* Ferrari,1884; *futilis* Horvath,1909; *unicolor* Haupt,1927; *haupti* Zachvatkin,1935; *viridiflavus* Lindberg,1948; *interibilis* Lindberg,1948 **01 04 06 07 13 25 30 33 38 41 42 48 50 58 62 65 68**
- 108. Coccinella (s.str.) distincta Falderman** (Coccinellidae) Synonym(s): *distincta* Falderman; *#distinctu* Özbek & Çetin,1991 **25 65**
- 109. Coccinella (s.str.) septempunctata Linnaeus,1758** (Coccinellidae) Synonym(s): *septempunctata* Linnaeus,1758; *brucki* Mulsant,1866 **13 21 22 25 34 35 65**

110. **Coenagrion ornatum (Selys,1850)** (Coenagrionidae) Synonym(s): *ornatum Selys,1850* **01 03 44 50 65**
111. **Coenagrion syriacum (Morton,1924)** (Coenagrionidae) Synonym(s): *syriacum Morton,1924; ponticum Bartenev,1929* **07 16 34 41 65**
112. **Colpa quinquecincta (Fabricius,1775)** (Scoliidae) Synonym(s): *villosa Fabricius,1775; quinquecincta Fabricius,1775; abdominalis Spinola,1806; continua Leeletier,1845* **06 07 08 09 16 20 24 25 30 31 33 35 36 39 42 44 45 48 49 50 51 60 63 65 76 80**
113. **Conchapelopia sp.** (Chironomidae) Synonym(s): **65**
114. **Conocephalus (Anisoptera) fuscus (Fabricius,1793)** (Tettigoniidae) Synonym(s): *fuscus Fabricius,1793; discolor Thunberg,1815; thoracicus Fischer von Waldheim,1846; concolor Bolivar,1878; ponticus Nedelkov,1907; turanicus Semenov,1916; dilatatus Ramme,1951* **01 02 05 06 07 08 12 13 16 19 21 23 25 26 30 31 33 34 35 36 46 47 50 53 56 59 62 63 65 71**
115. **Conops flavicaudus (Bigot,1880)** (Conopidae) Synonym(s): *flavicaudus Bigot,1880; euzonatus Bigot,1887; superbus Röder,1899; cypris Janssens,1955; #falvicaudus Stucke, Hayat & Özbek,2008* **48 65**
116. **Coptosia ganglbaueri (Pic,1951)** (Cerambycidae) Synonym(s): *ganglbaueri Pic,1951* **02 65**
117. **Cordulegaster insignis Schneider,1845** (Cordulegasteridae) Synonym(s): *insignis Schneider,1845; amasina Morton,1916* **05 10 16 24 33 44 51 47 65**
118. **Corizus fenestella Horvath,1917** (Rhopalidae) Synonym(s): *fenestella Horvath,1917* **20 21 35 45 65**
119. **Corizus hyoscyami (Linnaeus,1758)** (Rhopalidae) Synonym(s): *hyoscyami Linnaeus,1758; #hyosciami Kiyak et al.,2004* **50 65**
120. **Cricotopus annulator Goetghebuer,1927** (Chironomidae) Synonym(s): *annulator Goetghebuer,1927* **08 65**
121. **Cricotopus bicinctus (Meigen,1818)** (Chironomidae) Synonym(s): *bicinctus Meigen,1818* **23 31 35 65**
122. **Cricotopus flavocinctus (Kieffer,1924)** (Chironomidae) Synonym(s): *flavocinctus Kieffer,1924* **08 65**
123. **Cricotopus sylvestris (Fabricius,1794)** (Chironomidae) Synonym(s): *sylvestris Fabricius,1794* **30 65**
124. **Cricotopus vieriensis Goetghebuer,1935** (Chironomidae) Synonym(s): *vieriensis Goetghebuer,1935* **31 65**
125. **Cryptocheilus alternatus (Lepeletier,1845)** (Pompilidae) Synonym(s): *alternatus Lepeletier,1845; caspius Gussakovskii,1952* **06 24 30 35 38 42 45 50 51 58 63 65 78**
126. **Cryptocheilus discolor (Fabricius,1793)** (Pompilidae) Synonym(s): *discolor Fabricius,1793* **06 13 24 25 31 33 35 38 42 50 58 60 65 68**
127. **Cryptocheilus egregius (Lepeletier,1845)** (Pompilidae) Synonym(s): *egregius Lepeletier,1845* **06 14 16 24 25 30 33 35 36 44 50 51 60 65 78**
128. **Cryptocheilus exiguus Sustera,1924** (Pompilidae) Synonym(s): *exiguus Sustera,1924* **02 17 31 33 42 58 65**
129. **Cryptocheilus fabricii (Van der Linden,1827)** (Pompilidae) Synonym(s): *fabricii Van der Linden,1827; meridionalis Junco,1943* **06 08 13 25 30 32 34 36 42 44 50 58 60 65**
130. **Cryptocheilus octomaculatus (Rossi,1790)** (Pompilidae) Synonym(s): *octomaculatus Rossi,1790; eatoni Saunders,1901* **01 04 06 11 20 23 25 31 34 35 46 47 49 50 62 65 76**
131. **Cryptocheilus rubellus (Eversmann,1846)** (Pompilidae) Synonym(s): *rubellus Eversmann,1846* **07 13 16 24 31 33 34 36 42 65**
132. **Cryptocheilus stygium Priesner,1967** (Pompilidae) Synonym(s): *stygium Priesner,1967* **24 31 50 65 76**
133. **Cryptocheilus variipennis Sustera,1924** (Pompilidae) Synonym(s): *variipennis Sustera,1924* **01 07 09 14 25 26 33 42 48 50 51 60 63 65**
134. **Cryptochironomus defectus Kieffer,1921** (Chironomidae) Synonym(s): *defectus Kieffer,1921* **01 08 23 65**
135. **Cybister (Scaphinectes) lateralimarginalis (De Geer,1774)** (Dytiscidae) Synonym(s): *lateralimarginalis De Geer,1774* **01 15 20 26 33 35 42 65**
136. **Cymatia rogenhoferi (Fieber,1864)** (Corixidae) Synonym(s): *rogenhoferi Fieber,1864* **06 42 65**
137. **Cyphon euoplus Nyholm,1970** (Scirtidae) Synonym(s): *euoplus Nyholm,1970* **08 28 53 61 65**
138. **Cyphon laevipennis Tournier,1868** (Scirtidae) Synonym(s): *laevipennis Tournier,1868* **07 33 35 65 67 78**
139. **Cyphon palustris Thomson,1855** (Scirtidae) Synonym(s): *palustris Thomson,1855* **01 07 12 14 17 20 21 24 30 33 34 35 36 48 49 62 65 67**
140. **Decticus verrucivorus (Linnaeus,1758)** (Tettigoniidae) Synonym(s): *verrucivorus Linnaeus,1758; rubicundus De Geer,1778; hastatus Fischer von Waldheim,1839; radiata Fischer von Waldheim,1846* **04 06 07 08 09 16 22 23 25 30 34 35 36 39 44 46 54 57 58 59 65 71**

141. **Deleproctophylla dusmeti Navas,1914** (Ascalaphidae) Synonym(s): *dusmeti Navas,1914* **20 32 48 65**
142. **Deleproctophylla variegata (Klug,1834)** (Ascalaphidae) Synonym(s): *variegata Klug,1834* **04 15 22 33 35 44 47 65**
143. **Dentilla curtiventris (André,1901)** (Mutillidae) Synonym(s): *curtiventris André,1901* **06 08 21 24 25 34 36 45 58 60 65**
144. **Depressotetrix depressa (Brisout,1848)** (Tetrigidae) Synonym(s): *depressa Brisout,1848; acuminata Brisout,1850; charpentieri Fieber,1853; elevata Fieber,1853; rudis Walker,1971; turcicus Demirsoy,1977* **01 03 04 06 08 09 16 18 21 22 23 24 25 26 33 34 35 36 42 44 50 51 55 63 65 66 71 80**
145. **Deronectes parvicollis (Schaum,1864)** (Dytiscidae) Synonym(s): *parvicollis Schaum,1864* **01 03 11 25 29 30 32 42 50 51 65 66**
146. **Dictyophara asiatica Melichar,1912** (Dictyopharidae) Synonym(s): *asiatica Melichar,1912* **01 05 06 07 09 10 11 14 15 20 21 23 24 26 32 35 39 43 45 48 54 59 63 65 71**
147. **Dictyophara europaea (Linnaeus,1767)** (Dictyopharidae) Synonym(s): *europaea Linnaeus,1767; #aeuropaea Petagna,1787; europe Aucher-Elroy,1826; italica Kirschbaum,1868; lutea Lang,1942* **06 20 21 26 32 35 37 45 48 49 52 55 56 65 76**
148. **Dictyophara multireticulata Mulsant & Rey,1855** (Dictyopharidae) Synonym(s): *multireticulata Mulsant & Rey,1855; heydenii Kirschbaum,1868; curvata Matsumura,1910; nemourensis Matsumura,1910; oertzeni Matsumura,1910* **06 07 20 65**
149. **Dicyphus alkannae Seidenstücker,1956** (Miridae) Synonym(s): *alkannae Seidenstücker,1956* **38 51 57 65**
150. **Diplocladius cultriger Kieffer,1908** (Chironomidae) Synonym(s): *cultriger Kieffer,1908* **65**
151. **Dissonomus substriatus Reitter,1898** (Tenebrionidae) Synonym(s): *substriatus Reitter,1898* **65**
152. **Dociostaurus (Notostaurus) anatolicus Krauss,1896** (Acrididae) Synonym(s): *anatolicus Krauss,1896; castaneopicta Krauss,1896; castaneopictus Jacobson,1905* **01 02 03 04 05 06 07 08 10 12 13 16 17 18 21 23 25 26 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 49 50 51 56 60 62 63 65 66 71 80**
153. **Dolichovespula sylvestris (Scopoli,1763)** (Vespidae) Synonym(s): *sylvestris Scopoli,1763* **01 06 07 08 14 24 25 29 32 36 42 48 52 65 69**
154. **Doratura homophyla (Flor,1861)** (Cicadellidae) Synonym(s): *homophyla Flor,1861* **01 05 06 07 14 21 26 27 31 57 65 71**
155. **Doratura impudica Horvath,1897** (Cicadellidae) Synonym(s): *impudica Horvath,1897* **06 25 27 50 65**
156. **Doratura stylata (Boheman,1847)** (Cicadellidae) Synonym(s): *stylata Boheman,1847; macroptera Kusnezov,1928* **05 06 29 36 52 55 57 60 65 69**
157. **Ebarrius cognatus (Fieber,1869)** (Cicadellidae) Synonym(s): *cognatus Fieber,1869* **05 06 07 14 18 24 25 36 38 51 57 65**
158. **Edwardsiana flavescens (Fabricius,1794)** (Cicadellidae) Synonym(s): *flavescens Fabricius,1794; fratercula Edwards,1908; sororcula Ossiannilsson,1936* **06 65**
159. **Einfeldia sp.** (Chironomidae) Synonym(s): **23 65**
160. **Elaphrosyron paglianoi Wolf,1999** (Pompilidae) Synonym(s): *paglianoi Wolf,1999* **65**
161. **Eliozeta helluo (Fabricius,1805)** (Tachinidae) Synonym(s): *helluo Fabricius,1805* **65**
162. **Elodes flavoangularis Klausnitzer,1990** (Scirtidae) Synonym(s): *flavoangularis Klausnitzer,1990* **12 13 25 65**
163. **Empoasca solani (Curtis,1846)** (Cicadellidae) Synonym(s): *solani Curtis,1846; pteridis Dahlbom,1850; solanituberosi Kollar,1852; roseiventris Rey,1894; tullgreni Ribaut,1933; dlabolae Lindberg,1960* **01 06 11 15 18 24 27 34 36 37 42 50 55 57 63 65 76**
164. **Enallagma cyathigerum (Charpentier,1840)** (Coenagrionidae) Synonym(s): *cyathigerum Charpentier,1840* **06 07 13 14 15 25 26 32 42 45 46 65 69 75**
165. **Enochrus (Lumetus) bicolor (Fabricius,1792)** (Hydrophilidae) Synonym(s): *bicolor Fabricius,1792* **06 07 24 36 65**
166. **Eoferreola anatolica Piesner,1973** (Pompilidae) Synonym(s): *anatolica Piesner,1973* **13 20 25 31 33 36 38 42 51 65 69 70 76**
167. **Epallage fatime (Charpentier,1840)** (Calopterygidae) Synonym(s): *fatime Charpentier,1840* **01 03 04 05 07 08 11 12 16 17 20 25 26 31 32 33 34 35 39 43 45 46 48 56 61 63 65 73 75 77 80**
168. **Episyron candiotum Wahis,1966** (Pompilidae) Synonym(s): *candiotum Wahis,1966* **08 10 16 17 25 36 42 58 65**
169. **Episyron gallicum (Tournier,1889)** (Pompilidae) Synonym(s): *gallicum Tournier,1889; intermedium Haupt,1930* **04 08 24 25 30 33 35 36 42 43 48 50 52 58 65**
170. **Episyron rufipes (Linnaeus,1758)** (Pompilidae) Synonym(s): *rufipes Linnaeus,1758* **07 08 09 10 17 25 33 34 35 36 41 43 46 50 55 58 60 6575**

171. **Episyrphus balteatus (De Geer,1776)** (Syrphidae) Synonym(s): *cannabina* Scopoli,1763; *balteatus* De Geer,1776; *scitula* Harris,1776; *alternata* Schrank,1781; *nectarea* Fabricius,1787; *nectarina* Wiedemann,1830; *alternana* Macquart,1842 **01 06 25 34 37 38 46 65**
172. **Eremopeza saussurei (Uvarov,1918)** (Pamphagidae) Synonym(s): *saussurei* Uvarov,1918 **56 65**
173. **Eristalinus (Lathyrrophthalmus) megacephalus (Rossi,1792)** (Syrphidae) Synonym(s): *megacephalus* Rossi,1792 **65**
174. **Eristalis tenax (Linnaeus,1758)** (Syrphidae) Synonym(s): *tenax* Linnaeus,1758; *vulgaris* Scopoli,1763; *fuscus* Scopoli,1763; *porcinus* De Geer,1776; *arbustorum* Schrank,1781; *silvaticus* Meigen,1822; *vulpinus* Meigen,1822 **01 06 07 25 31 33 14 37 38 46 65**
175. **Eukiefferiella alpestris Goetghebuer,1935** (Chironomidae) Synonym(s): *alpestris* Goetghebuer,1935 **65**
176. **Eukiefferiella brevicealcar Kieffer,1929** (Chironomidae) Synonym(s): *brevicealcar* Kieffer,1929 **08 65**
177. **Eukiefferiella calvescens Edw.,1929** (Chironomidae) Synonym(s): *calvescens* Edw.,1929 **31 65**
178. **Eukiefferiella discoloripes Kieffer,1929** (Chironomidae) Synonym(s): *discoloripes* Kieffer,1929 **08 65**
179. **Eumenes mediterraneus (Kriechbaumer,1879)** (Vespididae) Synonym(s): *mediterraneus* Kriechbaumer,1879; *housaki* Giordani Soika,1952; *anatolicus* Giordani Soika,1952 **01 06 07 08 10 24 25 31 35 36 42 44 60 63 65 76 77**
180. **Euodynerus (s.str.) clathratus Blüthgen,1951** (Vespididae) Synonym(s): *clathratus* Blüthgen,1951 **65**
181. **Euodynerus (s.str.) curictensis Blüthgen,1940** (Vespididae) Synonym(s): *curictensis* Blüthgen,1940 **05 06 07 08 25 31 42 45 51 65 73**
182. **Eupeodes corollae (Fabricius,1794)** (Syrphidae) Synonym(s): *corollae* Fabricius,1794 **37 65**
183. **Eupteryx stachydearum (Hardy,1850)** (Cicadellidae) Synonym(s): *stachydearum* Hardy,1850; *curtisii* Flor,1861; *catenata* Rey,1894; *confluens* Rey,1894; *continua* Cerutti,1939 **06 41 52 53 61 65**
184. **Eupteryx taborskyi Dlabola,1957** (Cicadellidae) Synonym(s): *taborskyi* Dlabola,1957 **06 24 42 50 57 65 66**
185. **Euscelidius mundus (Haupt,1927)** (Cicadellidae) Synonym(s): *mundus* Haupt,1927; *orientalis* Dlabola,1957 **01 06 07 21 25 27 31 32 33 35 47 63 65**
186. **Euscelis alsius Ribaut,1952** (Cicadellidae) Synonym(s): *alsius* Ribaut,1952 **01 06 07 14 33 50 51 65**
187. **Evagetes dubius (Van der Linden,1827)** (Pompilidae) Synonym(s): *dubius* Van der Linden,1827; *obscurodubius* Wolf & Diniz,1970 **04 07 08 24 25 30 33 36 38 42 43 58 60 65 69 70**
188. **Evagetes gibbulus Lepeletier,1845** (Pompilidae) Synonym(s): *gibbulus* Lepeletier,1845 **65**
189. **Evagetes pontomoravicus (Sustera,1938)** (Pompilidae) Synonym(s): *pontomoravicus* Sustera,1938 **25 30 33 42 44 50 58 65 70**
190. **Evagetes tumidosus (Tournier,1890)** (Pompilidae) Synonym(s): *tumidosus* Tournier,1890 **06 13 14 20 25 30 31 33 34 42 44 50 58 60 63 65**
191. **Forficula auricularia Linnaeus,1758** (Forficulidae) Synonym(s): *auricularia* Linnaeus,1758; *dentata* Fabricius,1775 **06 08 14 34 45 48 65**
192. **Forficula tomis (Kolenati,1846)** (Forficulidae) Synonym(s): *tomis* Kolenati,1846; *pomerantzevi* Semenov,1903 **65**
193. **Geomyza tripunctata Fallén,1823** (Opomyzidae) Synonym(s): *tripunctata* Fallén,1823 **09 34 65**
194. **Gonia maculipennis Egger,1862** (Tachinidae) Synonym(s): *maculipennis* Egger,1862 **49 65**
195. **Gonocephalum granulatum (Fabricius,1791)** (Tenebrionidae) Synonym(s): *granulatum* Fabricius,1791 **03 04 07 19 20 26 30 35 36 38 40 42 43 45 51 62 65 68 69**
196. **Gryllotalpa gryllotalpa (Linnaeus,1758)** (Gryllotalpidae) Synonym(s): *gryllotalpa* Linnaeus,1758; *talpa* Olivier,1791; *vulgaris* Latreille,1804 **01 02 03 04 06 07 08 09 16 17 21 23 24 25 33 34 35 39 42 44 45 47 50 51 54 56 63 65**
197. **Grypocoris fieberi Douglas & Scott,1868** (Miridae) Synonym(s): *fieberi* Douglas & Scott,1868 **06 13 21 23 24 27 30 46 56 65**
198. **Gymnopleurus flagellatus (Fabricius,1787)** (Scarabaeidae) Synonym(s): *flagellatus* Fabricius,1787; *coriarius* Herbst,1789; *serratus* Fischer von Waldheim,1821; *asperatus* Mulsant,1842; *caliginosus* Balthasar,1934 **01 02 06 10 11 17 27 32 35 39 46 51 65 72**
199. **Handianus procerus (Herrich-Schäffer,1835)** (Cicadellidae) Synonym(s): *procerus* Herrich-Schäffer,1835; *palaestinensis* Linnavuori,1962 **03 04 06 07 10 13 14 22 25 32 35 42 44 50 51 63 65 67 71**
200. **Helophorus abeillei Guillebeau,1896** (Helophoridae) Synonym(s): *abeillei* Guillebeau,1896 **25 30 65**
201. **Helophorus aquaticus (Linnaeus,1758)** (Helophoridae) Synonym(s): *aquaticus* Linnaeus,1758 **06 12 13 14 16 21 25 26 30 32 34 35 36 37 39 47 49 57 65 73**

202. **Helophorus brevipalpis Bedel,1881** (Helophoridae) Synonym(s): *brevipalpis Bedel,1881* 06 07 08 16 21 34 35 39 46 48 51 55 57 65
203. **Helophorus brevipalpis Bedel,1881** (Helophoridae) Synonym(s): *brevipalpis Bedel,1881* 06 07 08 16 21 34 35 39 46 48 55 57 65
204. **Helophorus discrepans Rey,1885** (Helophoridae) Synonym(s): *discrepans Rey,1885* 08 14 30 65 75
205. **Helophorus frater Orchymont,1926** (Helophoridae) Synonym(s): *frater Orchymont,1926* 65
206. **Helophorus maculatus Motschoulsky,1860** (Helophoridae) Synonym(s): *maculatus Motschoulsky,1860* 65
207. **Helophorus micans Falderman,1835** (Helophoridae) Synonym(s): *micans Falderman,1835* 06 10 15 21 25 31 35 65
208. **Hemipenthes velutinus (Meigen,1820)** (Bombyliidae) Synonym(s): *velutinus Meigen,1820; bicincta Wiedemann,1820; nycthemera Wiedemann,1820* 04 06 07 14 18 32 37 38 57 65 78
209. **Hippodamia (Adonia) variegata (Goeze,1777)** (Coccinellidae) Synonym(s): *variegata Goeze,1777* 22 24 25 36 65
210. **Hippodamia (Semiadalia) undecimnotata (Schneider,1792)** (Coccinellidae) Synonym(s): *undecimnotata Schneider,1792* 06 25 30 35 65
211. **Hister quadrimaculatus Linnaeus,1758** (Histeridae) Synonym(s): *quadrimaculatus Linnaeus,1758; gagates Illiger,1807; aethiops Heer,1841* 35 49 65
212. **Hyalesthes obsoletus Signoret,1865** (Cixiidae) Synonym(s): *obsoletus Signoret,1865; albolimbatus Kirschbaum,1868; flavovarius Kusnezov,1935* 01 02 03 04 06 07 09 10 14 15 16 17 18 19 21 22 23 24 25 26 27 28 30 32 33 34 42 44 45 46 47 48 50 53 54 57 58 60 61 63 65 76 81
213. **Hyalesthes ponticorum Hoch & Remane,1985** (Cixiidae) Synonym(s): *ponticorum Hoch & Remane,1985* 06 18 19 24 42 65
214. **Hyalesthes veyseli Hoch,1985** (Cixiidae) Synonym(s): *veyseli Hoch,1985* 07 14 42 51 65
215. **Hycleus scabiosae (Olivier,1811)** (Meloidae) Synonym(s): *scabiosae Olivier,1811* 04 06 11 13 17 24 25 26 36 42 44 45 49 65 76
216. **Hygrotus (Coelambus) lernaeus (Schaum,1857)** (Dytiscidae) Synonym(s): *lernaeus Schaum,1857* 01 03 06 07 09 21 23 25 26 38 41 42 48 51 55 58 65 66
217. **Hypera farinosa Boheman,1842** (Curculionidae) Synonym(s): *farinosa Boheman,1842* 04 06 20 23 38 65
218. **Hypera jucundus Capiomont,1868** (Curculionidae) Synonym(s): *jucundus Capiomont,1868* 11 21 35 45 55 63 65 69 70
219. **Hypera meles (Fabricius,1792)** (Curculionidae) Synonym(s): *meles Fabricius,1792* 08 13 16 17 24 25 29 30 32 35 36 38 43 45 55 65
220. **Hypera variabilis (Herbst,1795)** (Curculionidae) Synonym(s): *variabilis Herbst,1795* 03 04 05 06 08 09 10 11 13 17 19 21 24 25 27 30 32 35 36 38 41 43 44 47 48 49 52 55 56 57 60 61 63 65 66 68 73 76
221. **Hypera viciae (Gyllenhal,1813)** (Curculionidae) Synonym(s): *viciae Gyllenhal,1813* 65
222. **Idiocerus herrichii Kirschbaum,1868** (Cicadellidae) Synonym(s): *herrichii Kirschbaum,1868* 06 19 24 25 38 40 50 58 60 65
223. **Iranoidricerus iranensis (Kimmins,1938)** (Ascalaphidae) Synonym(s): *iranensis Kimmins,1938* 65
224. **Iris oratoria (Linnaeus,1758)** (Irididae) Synonym(s): *oratoria Linnaeus,1758; dentata Goeze,1778; bella Germar,1817; minima Charpentier,1825; fenestrata Brullé,1832* 06 16 33 35 65
225. **Ischnura elegans (Van Der Linden,1820)** (Coenagrionidae) Synonym(s): *elegans Van Der Linden,1820* 01 06 07 09 16 19 24 25 30 31 33 34 35 38 40 42 45 46 48 55 63 65 69 80
226. **Ischnura pumilio (Charpentier,1825)** (Coenagrionidae) Synonym(s): *pumilio Charpentier,1825* 01 02 06 07 16 19 22 25 26 32 34 35 40 41 44 45 55 63 65 69
227. **Javesella obscurella (Boheman,1847)** (Delphacidae) Synonym(s): *obscurella Boheman,1847; discreta Edwards,1888; fuscotestacea Metcalf,1943* 06 28 42 61 65
228. **Javesella pellucida (Fabricius,1794)** (Delphacidae) Synonym(s): *pellucida Fabricius,1794; striata Fabricius,1794; marginata Fabricius,1794; dispar Fallén,1806; suturalis Curtis,1837; ochroleuca Kirschbaum,1868; flavipennis Sahlberg,1871; obscura Fieber,1879; fuscicollis Rey,1891; variicollis Rey,1894* 06 13 21 25 42 46 57 65
229. **Jugurtia escalerae Meade-Waldo,1910** (Vespidae) Synonym(s): *escalerae Meade-Waldo,1910* 30 65 73
230. **Kelisia ribauti Wagner,1938** (Delphacidae) Synonym(s): *ribauti Wagner,1938* 06 07 09 10 13 20 21 25 42 44 56 65 73
231. **Kybos candelabricus Dlabola,1958** (Cicadellidae) Synonym(s): *candelabricus Dlabola,1958* 06 24 40 44 50 65 66
232. **Kybos virgator (Ribaut,1933)** (Cicadellidae) Synonym(s): *virgator Ribaut,1933; saageri Wagner,1935* 06 07 11 26 35 40 42 65

- 233. Labidura riparia (Pallas,1773)** (Labiduridae) Synonym(s): *riparia Pallas,1773; mongolica Rehn,1905* **09 34 65**
- 234. Laburris abrotani Emelyanov,1962** (Cicadellidae) Synonym(s): *abrotani Emelyanov,1962* **04 65**
- 235. Laburris handlirschi (Matsumura,1908)** (Cicadellidae) Synonym(s): *artemisiae Matsumura,1900 (praeocc.); handlirschi Matsumura,1908; maculosus Vilbaste,1965* **06 40 42 50 65**
- 236. Laccobius (Dimorpholaccobius) obscuratus Rottenberg,1874** (Hydrophilidae) Synonym(s): *obscuratus Rottenberg,1874* **01 02 06 07 08 09 13 14 15 16 17 19 20 24 25 27 29 30 33 34 35 37 39 41 42 45 48 52 53 57 65 80**
- 237. Laccobius (Dimorpholaccobius) simulatrix Orchymont,1932** (Hydrophilidae) Synonym(s): *simulatrix Orchymont,1932* **04 06 07 09 13 14 16 17 19 20 22 24 25 30 32 34 35 36 38 39 45 46 48 51 55 58 61 65 69 80**
- 238. Laccobius (Dimorpholaccobius) striatulus (Fabricius,1801)** (Hydrophilidae) Synonym(s): *striatulus Fabricius,1801* **06 07 08 13 14 16 17 25 26 29 31 32 34 35 41 42 43 44 45 48 54 58 65 69**
- 239. Laccobius (Dimorpholaccobius) sulcatulus Reitter,1909** (Hydrophilidae) Synonym(s): *sulcatulus Reitter,1909* **05 06 07 13 15 21 24 25 29 39 42 45 65 69 75**
- 240. Laccobius (Dimorpholaccobius) syriacus Guillebeau,1896** (Hydrophilidae) Synonym(s): *syriacus Guillebeau,1896* **01 06 07 08 09 13 15 19 20 21 22 24 25 27 30 31 32 33 35 36 37 38 42 46 47 48 52 53 55 57 61 63 65 69 80**
- 241. Laccobius (Microlaccobius) gracilis Motschoulsky,1855** (Hydrophilidae) Synonym(s): *gracilis Motschoulsky,1855* **01 02 07 09 10 12 13 14 15 16 17 19 20 22 24 25 27 28 30 31 32 33 34 35 36 37 38 45 47 48 49 51 52 53 57 58 61 65**
- 242. Lampropterus femoratus (Germar,1824)** (Cerambycidae) Synonym(s): *femoratus Germar,1824* **33 65**
- 243. Larinus minutus Gyllenhal,1836** (Curculionidae) Synonym(s): *minutus Gyllenhal,1836* **04 07 02 13 17 21 30 32 35 44 46 56 63 65**
- 244. Larinus turbinatus Gyllenhal,1836** (Curculionidae) Synonym(s): *turbinatus Gyllenhal,1836* **08 10 12 13 21 30 47 65 69 76**
- 245. Lertha palmonii Tjeder,1970** (Nemopteridae) Synonym(s): *palmonii Tjeder,1970* **02 04 27 36 47 56 63 65 72 73 76**
- 246. Lestes barbarus (Fabricius,1798)** (Lestidae) Synonym(s): *barbarus Fabricius,1798* **03 06 09 16 26 30 33 34 35 36 45 48 63 65**
- 247. Lestes dryas Kirby,1890** (Lestidae) Synonym(s): *dryas Kirby,1890* **03 06 25 34 65 75**
- 248. Libelloides macaronius (Scopoli,1763)** (Ascalaphidae) Synonym(s): *macaronius Scopoli,1763* **01 04 05 06 07 10 13 14 15 17 20 22 24 25 30 31 32 33 38 40 42 44 47 51 52 62 63 65 68**
- 249. Libellula depressa Linnaeus,1758** (Libellulidae) Synonym(s): *depressa Linnaeus,1758* **01 05 06 08 23 24 25 31 34 40 47 65**
- 250. Limnophyes transcaucasicus Tchern.1949** (Chironomidae) Synonym(s): *transcaucasicus Tchern.1949* **01 65**
- 251. Limotettix striola (Fallén,1806)** (Cicadellidae) Synonym(s): *striola Fallén,1806; frenatus Germar,1821; ferganensis Dubovsky,1966* **04 06 07 08 14 16 18 21 24 25 34 44 46 50 51 54 63 65 67 76 81**
- 252. Lispe nana Macquart,1835** (Muscidae) Synonym(s): *nana Macquart,1835* **65**
- 253. Lixus bardanae (Fabricius,1787)** (Curculionidae) Synonym(s): *bardanae Fabricius,1787* **35 65**
- 254. Lixus cardui Olivier,1807** (Curculionidae) Synonym(s): *cardui Olivier,1807* **05 07 09 10 11 12 13 16 19 21 25 30 32 35 36 37 43 44 47 51 65 68 76**
- 255. Lixus elegantulus Boheman,1843** (Curculionidae) Synonym(s): *elegantulus Boheman,1843* **04 06 07 11 21 23 25 27 30 35 36 38 43 44 47 50 65 76**
- 256. Lixus scolapax Boheman,1836** (Curculionidae) Synonym(s): *scolapax Boheman,1836* **21 27 35 36 47 48 55 56 63 65**
- 257. Lobodera (Penthomagus) iners Ménétré,1832** (Tenebrionidae) Synonym(s): *iners Ménétré,1832* **65**
- 258. Longitarsus anatolicus Weise,1900** (Chrysomelidae) Synonym(s): *anatolicus Weise,1900* **06 13 19 21 24 25 32 33 38 41 42 44 46 49 58 65 66 68 70**
- 259. Lophyridia fischeri (Adams,1817)** (Carabidae) Synonym(s): *fischeri Adams,1817* **01 02 07 12 16 18 19 20 21 23 24 25 27 29 30 31 33 35 36 38 43 44 46 47 48 50 58 60 62 63 65 72 80**
- 260. Lophyridia littoralis (Fabricius,1787)** (Carabidae) Synonym(s): *littoralis Fabricius,1787* **01 06 07 09 15 16 18 20 22 23 25 27 31 32 33 34 35 38 40 42 47 48 50 51 52 54 55 58 59 60 61 63 65 72**
- 261. Lucanus (s.str.) ibericus Motschoulsky,1845** (Lucanidae) Synonym(s): *ibericus Motschoulsky,1845; curtulus Motschoulsky,1845; barbarossa Burmeister,1847 nec Fabr.,1801; minor Burmeister,1847; orientalis Kraatz,1860; piger Motschoulsky,1870; syriacus Motschoulsky,1870; tenebrosus*

- Motschoulsky,1870; *intermedius* Motschoulsky,1870; *caspica* Semenov,1901; *ravasinii* Schatzmayr,1923; *#hibericus* Sabatinelli,1977 **37 42 65 70 76**
- 262. *Ludita fulvipennis* (Smith,1879)** (Tiphiidae) Synonym(s): *fulvipennis* Smith,1879 **13 30 34 47 65**
- 263. *Macrolophus caliginosus* Wagner,1950** (Miridae) Synonym(s): *caliginosus* Wagner,1950 **01 07 08 10 17 20 21 31 33 35 38 45 47 48 50 57 65**
- 264. *Macropsis graminea* (Fabricius,1798)** (Cicadellidae) Synonym(s): *graminea* Fabricius,1798; *populi* Edwards,1919 **02 04 06 07 13 17 21 22 23 26 29 39 42 43 45 60 61 62 65**
- 265. *Macropsis scutellata* (Boheman,1845)** (Cicadellidae) Synonym(s): *scutellata* Boheman,1845; *tibialis* Scott,1874 **24 25 34 38 65**
- 266. *Macrosteles fieberi* (Edwards,1889)** (Cicadellidae) Synonym(s): *frontalis* Fieber,1885 *nec* Scett.,1875; *fieberi* Edwards,1889 **01 04 06 07 13 14 30 42 50 65 70**
- 267. *Macrosteles forficula* (Ribaut,1927)** (Cicadellidae) Synonym(s): *forficula* Ribaut,1927 **01 05 06 07 14 24 25 42 55 57 65**
- 268. *Macrosteles laevis* (Ribaut,1927)** (Cicadellidae) Synonym(s): *laevis* Ribaut,1927; *mannerheimi* Kontkanen,1935; *nubila* Ossiannilsson,1936 **05 06 08 15 28 30 42 50 52 53 55 57 60 61 65**
- 269. *Macrosteles quadripunctulatus* (Kirschbaum,1868)** (Cicadellidae) Synonym(s): *quadripunctulatus* Kirschbaum,1868; *ramigera* Zachvatkin,1933 **01 02 04 05 06 07 12 13 21 24 31 32 33 35 42 44 45 50 52 55 64 65 67 80**
- 270. *Macrosteles sexnotatus* (Fallén,1806)** (Cicadellidae) Synonym(s): *sexnotatus* Fallén,1806; *devastans* Guérin-Méneville,1852; *didymus* Mulsant & Rey,1855; *diminuta* Lethierry,1876; *binotata* Rey,1894; *submaculata* Rey,1894 **02 04 05 06 08 14 18 21 25 28 30 35 42 50 52 53 55 57 60 61 65 81**
- 271. *Megabombus argillaceus* (Scopoli,1763)** (Apidae) Synonym(s): *argillaceus* Scopoli,1763; *sichelii* Radoszkowski,1859 **03 06 07 16 18 25 32 37 38 42 51 65**
- 272. *Megabombus mesomelas* (Gerstaecker,1869)** (Apidae) Synonym(s): *mesomelas* Gerstaecker,1869; *elegans* Seidl,1837 **04 06 25 53 61 65 75**
- 273. *Megabombus zonatus* (Smith,1854)** (Apidae) Synonym(s): *zonatus* Smith,1854 **03 06 16 19 25 32 37 38 42 65**
- 274. *Meloe mediterraneus* Müller,1925** (Meloidae) Synonym(s): *mediterraneus* Müller,1925 **04 07 13 21 24 25 29 65**
- 275. *Merodon avidus* (Rossi,1790)** (Syrphidae) Synonym(s): *avidus* Rossi,1790 **25 37 65**
- 276. *Metrioptera (Roeseliana) bispina* (Bolivar,1899)** (Tettigoniidae) Synonym(s): *bispina* Bolivar,1899 **04 06 16 21 34 35 42 46 65 71 77**
- 277. *Micantulina (Mulsantina) acuticeps* (Linnavuori,1962)** (Cicadellidae) Synonym(s): *acuticeps* Linnavuori,1962 **19 30 65**
- 278. *Micantulina (Mulsantina) stigmatipennis* (Mulsant & Rey,1855)** (Cicadellidae) Synonym(s): *stigmatipennis* Mulsant & Rey,1855; *quadripunctata* Kirschbaum,1868; *pulcherrimus* Hovarth,1884 **06 07 10 15 32 34 35 38 45 65**
- 279. *Micropsectra curvicornis* (Tchernovskii,1949)** (Chironomidae) Synonym(s): *curvicornis* Tchernovskii,1949 **23 35 65**
- 280. *Mocuellus deminutus* Dlabola,1981** (Cicadellidae) Synonym(s): *deminutus* Dlabola,1981 **65**
- 281. *Mogangella secundaria* Dlabola,1958** (Cicadellidae) Synonym(s): *secundaria* Dlabola,1958 **25 65**
- 282. *Mogangella straminea* Dlabola,1957** (Cicadellidae) Synonym(s): *straminea* Dlabola,1957 **06 65**
- 283. *Monosteira lobulifera* Reuter,1888** (Tingidae) Synonym(s): *lobulifera* Reuter,1888 **01 07 12 20 23 27 35 45 47 48 50 65**
- 284. *Muirodelphax aubei* (Perris,1857)** (Delphacidae) Synonym(s): *aubei* Perris,1857; *cognata* Fieber,1866; *protrusa* Fieber,1866; *obsoleta* Kirschbaum,1868; *obscurinervis* Kirschbaum,1868; *altaicus* Vilbaste,1965 **06 07 20 25 35 65**
- 285. *Musaria astarte* (Ganglbauer,1885)** (Cerambycidae) Synonym(s): *astarte* Ganglbauer,1885 **02 65 80**
- 286. *Musaria kurdistanica* (Ganglbauer,1884)** (Cerambycidae) Synonym(s): *kurdistanica* Ganglbauer,1884 **13 30 65**
- 287. *Musca domestica* Linnaeus,1758** (Muscidae) Synonym(s): *domestica* Linnaeus,1758 **65**
- 288. *Muscina stabulans* (Fallén,1817)** (Muscidae) Synonym(s): *stabulans* Fallén,1817 **65**
- 289. *Mycterodus goricus* (Dlabola,1958)** (Issidae) Synonym(s): *goricus* Dlabola,1958 **13 29 65**
- 290. *Mylabris cincta* Olivier,1811** (Meloidae) Synonym(s): *cincta* Olivier,1811; *#cincat* Kaszab,1968 **01 07 08 12 14 23 24 25 32 35 38 45 47 48 62 65**
- 291. *Mylabris quadripunctata* (Linnaeus,1767)** (Meloidae) Synonym(s): *quadripunctata* Linnaeus,1767 **01 06 07 08 11 17 19 22 24 26 31 32 33 34 35 38 42 43 44 45 46 47 48 51 52 54 57 59 62 63 65 66 70 73**
- 292. *Myndus musivus* (Germar,1825)** (Cixiidae) Synonym(s): *musivus* Germar,1825 **06 14 18 22 23 32 35 46 47 48 62 65**
- 293. *Myrmecaelurus maior* McLachan,1875** (Myrmeleonidae) Synonym(s): *maior* McLachan,1875 **26 32 42 44 65**

- 294. *Nebrioporus airumlus* (Kolenati,1845)** (Dytiscidae) Synonym(s): *airumlus Kolenati,1845* **08 25 36 65**
- 295. *Nemoptera sinuata* Olivier,1811** (Nemopteridae) Synonym(s): *sinuata Olivier,1811* **01 02 05 06 07 08 09 10 11 13 14 15 19 20 25 30 31 32 33 34 35 36 37 38 42 43 46 48 49 60 62 63 65 68**
- 296. *Nemotelus* (s.str.) *rudifraci* (Berezovsky & Nartshuk,1993)** (Stratiomyidae) Synonym(s): *rudifraci Berezovsky & Nartshuk,1993* **25 38 58 65**
- 297. *Neotalitrus fenestratus* (Herrich-Schäffer,1834)** (Cicadellidae) Synonym(s): *fenestratus Herrich-Schäffer,1834* **01 04 05 06 07 13 14 19 21 22 24 25 28 33 35 38 47 50 52 55 56 57 58 60 63 65 68 70 76**
- 298. *Neophilaenus campestris* (Fallén,1805)** (Cercopidae) Synonym(s): *campestris Fallén,1805; parvula Vismara,1877; fasciatus Ferrari,1882; obsoletus Ferrari,1882; bimaculata Rey,1894; brunnifrons Rey,1894* **01 02 06 07 08 13 16 17 26 28 31 35 39 43 45 48 50 55 57 56 61 65**
- 299. *Neophilaenus lineatus* (Linnaeus,1758)** (Cercopidae) Synonym(s): *lineatus Linnaeus,1758; abbreviata Fabricius,1787; capitata Fabricius,1794; aterrimus Sahlberg,1871; pulchellus Sahlberg,1871; fusca Haupt,1912; pallida Haupt,1917; danicus Wagner,1935; fulva Gyllensvard,1965* **03 06 16 24 34 35 50 65**
- 300. *Nephrotoma croceiventris* (Strobl,1909)** (Tipulidae) Synonym(s): *croceiventris Strobl,1909* **04 06 13 14 30 36 38 42 46 48 49 51 53 58 65**
- 301. *Nephrotoma scalaris* (Meigen,1818)** (Tipulidae) Synonym(s): *scalaris Meigen,1818* **03 07 09 10 13 16 25 28 31 35 38 47 48 49 53 61 65**
- 302. *Netelia* (s.str.) *fuscicornis* (Holmgren,1860)** (Ichneumonidae) Synonym(s): *fuscicornis Holmgren,1860; gracilipes Thomson,1888* **31 38 42 65**
- 303. *Nocarodes aserbus* Mistshenko,1951** (Pamphagidae) Synonym(s): *aserbus Mistshenko,1951* **65**
- 304. *Notonecta viridis* Delcourt,1909** (Notonectidae) Synonym(s): *viridis Delcourt,1909; mediterranea Hutchinson,1928* **03 06 10 35 40 42 65**
- 305. *Nycteribia* (s.str.) *latreillii* (Leach,1817)** (Nycteribiidae) Synonym(s): *latreillii Leach,1817* **01 07 15 29 32 34 39 40 46 51 52 65 76 80**
- 306. *Oecanthus pellucens* (Scopoli,1763)** (Gryllidae) Synonym(s): *pellucens Scopoli,1763; italicus Fabricius,1781; lutaria Petagna,1792; aquea Fabricius,1798; varia Fischer von Waldheim,1846; angustipennis Fitch,1856* **01 03 04 06 07 08 09 16 19 22 23 24 25 26 30 31 33 34 35 37 39 41 44 45 47 51 54 56 59 65 67 71 80**
- 307. *Oedaleus decorus* (Germar,1817)** (Acrididae) Synonym(s): *decorus Germar,1817* **01 06 13 20 26 31 34 35 42 43 44 45 48 65 78 80**
- 308. *Oedipoda caerulescens* (Linnaeus,1758)** (Acrididae) Synonym(s): *caerulescens Linnaeus,1758; coeruleipenne De Geer,1773; fasciata Stal,1873* **05 06 07 12 13 15 16 18 20 34 35 38 43 48 51 60 61 65 67 80**
- 309. *Oedipoda miniata* (Pallas,1771)** (Acrididae) Synonym(s): *miniata Pallas,1771; salinus Gmelin,1790; gratiosa Audinet-Serville,1838; perurbana Steinmann,1965* **06 09 12 13 15 16 20 23 34 35 36 42 43 45 46 55 57 60 62 65 77 78 80**
- 310. *Oedipoda schochi* Saussure,1884** (Acrididae) Synonym(s): *schochi Saussure,1884* **06 18 21 26 30 38 42 43 44 51 63 65**
- 311. *Oenopia oncina* (Olivier,1808)** (Coccinellidae) Synonym(s): *oncina Olivier,1808* **06 15 20 24 25 32 35 65**
- 312. *Opsilia coerulescens* (Scopoli,1763)** (Cerambycidae) Synonym(s): *coerulescens Scopoli,1763* **44 65**
- 313. *Opsius cypriacus* Lindberg,1958** (Cicadellidae) Synonym(s): *cypriacus Lindberg,1958* **01 05 06 07 08 09 21 22 24 35 43 44 45 50 55 56 65 66 71**
- 314. *Orthetrum albistylum* (Selys,1848)** (Libellulidae) Synonym(s): *albistylum Selys,1848* **16 65**
- 315. *Orthetrum anceps* (Schneider,1845)** (Libellulidae) Synonym(s): *anceps Schneider,1845* **65**
- 316. *Orthetrum brunneum* (Fonscolombe,1837)** (Libellulidae) Synonym(s): *brunneum Fonscolombe,1837* **02 08 16 19 24 33 44 45 46 48 65 66**
- 317. *Orthocladius luteipes* Goetghebuer,1921** (Chironomidae) Synonym(s): *luteipes Goetghebuer,1921* **65**
- 318. *Orthocladius oblidens* (Walker,1856)** (Chironomidae) Synonym(s): *oblidens Walker,1856* **36 65**
- 319. *Orthocladius thienemanni* (Kieffer,1918)** (Chironomidae) Synonym(s): *thienemanni Kieffer,1918* **65**
- 320. *Oryctes* (*Oryctes*) *nasicornis* (Linnaeus,1758)** (Scarabaeidae) Synonym(s): *nasicornis Linnaeus,1758* **21 65**
- 321. *Osmia* (*Exosmia*) *difficilis* Morawitz,1875** (Megachilidae) Synonym(s): *difficilis Morawitz,1875; falcata Morawitz,1875; alborufa Alfken,1935* **06 23 25 26 30 36 42 62 65 70 73**
- 322. *Osmia* (*Tergosmia*) *avosetta* Warncke,1988** (Megachilidae) Synonym(s): *avosetta Warncke,1988* **04 07 25 30 44 65 73**
- 323. *Osmia* (*Tergosmia*) *glareola* Warncke,1988** (Megachilidae) Synonym(s): *glareola Warncke,1988* **40 63 65 66**



- 324. *Osmylus multiguttatus* McLachlan,1870** (Osmylidae) Synonym(s): *multiguttatus* McLachlan,1870 **25 61 62 65? 80**
- 325. *Osphranteria coerulescens* Redtenbacher,[1849]** (Cerambycidae) Synonym(s): *coerulescens* Redtenbacher,[1849] **65 72**
- 326. *Oxyaciura tibialis* Robineau-Desvoidy,1830** (Tephritidae) Synonym(s): *tibialis* Robineau-Desvoidy,1830; *gagates* Loew,1846 **07 08 65**
- 327. *Oxythyrea cinctella* (Schaum,1841)** (Scarabaeidae) Synonym(s): *albella* Illiger,1802 (*praeocc.*); *cinctella* Schaum,1841; *natalia* Olsufiev,1917 **01 03 06 07 09 10 11 13 15 16 17 18 19 20 22 24 26 27 31 32 33 35 37 38 39 40 42 43 44 45 48 50 51 54 59 60 64 65 67 74 80**
- 328. *Pachybrachis* (s.str.) *anatolicus* Lopatin,1985** (Chrysomelidae) Synonym(s): *anatolicus* Lopatin,1985 **65**
- 329. *Pachybrachis* (s.str.) *fimbriolatus* (Suffrian,1848)** (Chrysomelidae) Synonym(s): *tristis* Olivier,1808 nec Laich.,1781; *fimbriolatus* Suffrian,1848; *mulsanti* Perris,1852 **01 06 18 19 20 24 25 29 32 36 38 40 42 50 51 58 65 69 76**
- 330. *Pachybrachis* (s.str.) *tessellatus* (Olivier,1791)** (Chrysomelidae) Synonym(s): *tessellatus* Olivier,1791; *tauricus* Suffrian,1848; *bisignatus* Redtenbacher,1849; *aethiops* Weise,1882; *picturatus* Rey,1883; *orientalis* Weise,1894; *syriacus* Weise,1900; *melanopygus* Müller,1953 **01 03 04 05 06 07 14 16 19 23 24 25 27 29 32 33 35 36 38 42 46 47 50 58 60 65 66 69**
- 331. *Palpares libelluloides* (Linnaeus,1764)** (Myrmeleonidae) Synonym(s): *libelluloides* Linnaeus,1764 **06 07 23 31 32 46 51 60 65**
- 332. *Palpares turcicus* Koçak,1976** (Myrmeleonidae) Synonym(s): *turcicus* Koçak,1976 **30 65**
- 333. *Pangonius* (s.str.) *pyritosus* Loew,1859** (Tabanidae) Synonym(s): *pyritosus* Loew,1859; *decepiens* Kröber,1921 **05 06 07 08 13 14 16 17 22 23 24 25 30 31 33 34 35 38 39 41 46 48 55 56 58 65 69 73**
- 334. *Panorpa tatvana* Willmann,1974** (Panorpidae) Synonym(s): *tatvana* Willmann,1974 **13 14 65**
- 335. *Paracladius conversus* (Walker,1856)** (Chironomidae) Synonym(s): *conversus* Walker,1856 **01 08 65**
- 336. *Paracorixa concinna* (Fieber,1848)** (Corixidae) Synonym(s): *concinna* Fieber,1848 **03 04 06 07 13 15 22 35 36 42 65**
- 337. *Paragus albifrons* (Fallén,1817)** (Syrphidae) Synonym(s): *albifrons* Fallén,1817 **06 60 65**
- 338. *Paragus quadrifasciatus* Meigen,1822** (Syrphidae) Synonym(s): *quadrifasciatus* Meigen,1822 **65**
- 339. *Paramerina cingulata* (Walker,1856)** (Chironomidae) Synonym(s): *cingulata* Walker,1856 **65**
- 340. *Parametriocnemus stylatus* (Kieffer,1924)** (Chironomidae) Synonym(s): *stylatus* Kieffer,1924 **08 29 56 65 73**
- 341. *Paranocararis rimansonae* (Uvarov,1918)** (Pamphagidae) Synonym(s): *rimansonae* Uvarov,1918 **65**
- 342. *Paraphilaenus notatus* (Mulsant & Rey,1855)** (Cercopidae) Synonym(s): *notatus* Mulsant & Rey,1855; *centroasiaticus* Dlabola,1961 **65**
- 343. *Paratanytarsus lauterborni* Kieffer,1918** (Chironomidae) Synonym(s): *lauterborni* Kieffer,1918 **08 23 65**
- 344. *Paratendipes intermedius* Tchern.,1949** (Chironomidae) Synonym(s): *intermedius* Tchern.,1949 **65**
- 345. *Pedestredorcadion beckeri* (Kraatz,1873)** (Cerambycidae) Synonym(s): *beckeri* Kraatz,1873 **05 65**
- 346. *Pedestredorcadion deyrollei* (Ganglbauer,1883)** (Cerambycidae) Synonym(s): *deyrollei* Ganglbauer,1883 **13 65**
- 347. *Pedestredorcadion wagneri* (Küster,1846)** (Cerambycidae) Synonym(s): *wagneri* Küster,1846 **65**
- 348. *Penicillidia dufourii* (Westwood,1835)** (Nycteribiidae) Synonym(s): *dufourii* Westwood,1835 **07 15 31 32 33 34 42 60 65 77 80**
- 349. *Pentastira major* (Kirschbaum,1868)** (Cixiidae) Synonym(s): *major* Kirschbaum,1868; *opalinus* Fieber,1876; *interjectus* Linnavuori,1957; *atratus* Dlabola,1958 **01 06 07 14 18 19 21 27 28 31 32 35 42 45 46 47 49 51 55 59 60 63 65 66 70**
- 350. *Perilissus rufoniger* (Gravenhorst,1829)** (Ichneumonidae) Synonym(s): *rufoniger* Gravenhorst,1829 **65**
- 351. *Perlamantispa perla* (Pallas,1772)** (Mantispidae) Synonym(s): *perla* Pallas,1772 **06 12 20 25 32 36 38 43 65 75**
- 352. *Pezodrymadusa indivisa* Karabağ,1961** (Tettigoniidae) Synonym(s): *indivisa* Karabağ,1961 **65**
- 353. *Pezodrymadusa kurmana* (Ramme,1939)** (Tettigoniidae) Synonym(s): *kurmana* Ramme,1939 **44 65**
- 354. *Philaenus spumarius* (Linnaeus,1758)** (Cercopidae) Synonym(s): *spumarius* Linnaeus,1758; *leucophthalma* Linnaeus,1758; *lateralis* Linnaeus,1758; *leucocephala* Linnaeus,1758 **01 04 05 06 07 08 09**

- 10 11 13 14 16 17 23 24 25 26 28 29 30 34 35 36 39 41 43 44 45 47 48 52 53 55 56 57 59 60  
61 65 76
355. **Phlebotomus (Adlerius) balcanicus Theodor,1958** (Psychodidae) Synonym(s): *balcanicus Theodor,1958* 03 65
356. **Phlebotomus (Paraphlebotomus) papatasi (Scopoli,1786)** (Psychodidae) Synonym(s): *papatasi Scopoli,1786* 03 17 65
357. **Phlebotomus jacusieli Theodor,1947** (Psychodidae) Synonym(s): *jacusieli Theodor,1947* 65
358. **Phlebotomus transcaucasicus Perfiliew,1937** (Psychodidae) Synonym(s): *transcaucasicus Perfiliew,1937* 65
359. **Phlepsius ornatus (Perris,1857)** (Cicadellidae) Synonym(s): *ornatus Perris,1857; maculatus Fieber,1866; asiaticus Zachvatkin,1945; angorensis Zachvatkin,1945* 01 05 06 21 33 42 50 52 55 57 60 61 65
360. **Phyllobrotica binotata Ogloblin,1936** (Chrysomelidae) Synonym(s): *binotata Ogloblin,1936; aslani Warchalowski,1998* 08 25 65 76
361. **Phyllomorphus laciniatus (Villers,1789)** (Coreidae) Synonym(s): *laciniatus Villers,1789* 65
362. **Piesma (Parapiesma) kolenatii (Fieber,1861)** (Piesmatidae) Synonym(s): *laportei Kolenati,1857 nec Fieb.,1844; kolenatii Fieber,1861; caucasicum Péricart,1973* 04 13 36 38 51 65
363. **Platambus lunulatus (Fischer von Waldheim,1829)** (Dytiscidae) Synonym(s): *lunulatus Fischer von Waldheim,1829* 08 16 25 28 29 53 62 65
364. **Platycleis (s.str.) intermedia (Audinet-Serville,[1839])** (Tettigoniidae) Synonym(s): *intermedia Audinet-Serville,[1839]; tessellatus Fischer von Waldheim,1846; krinicki Fischer von Waldheim,1846; transiens Ramme,1951* 01 03 04 06 07 08 09 10 12 13 14 15 16 18 20 21 23 24 25 26 27 30 31 32 33 34 35 36 37 38 39 42 43 44 45 46 47 48 50 51 54 56 58 59 60 61 62 63 65 67 71 78 81
365. **Platymetopius major (Kirschbaum,1868)** (Cicadellidae) Synonym(s): *major Kirschbaum,1868; opalinus Fieber,1876; interjectus Linnavuori,1957; atratus Dlabola,1958* 06 14 16 18 21 28 32 35 45 51 54 55 59 60 63 65 73
366. **Platymetopius shirazicus Dlabola,1974** (Cicadellidae) Synonym(s): *shirazicus Dlabola,1974* 65
367. **Platynaspis luteorubra (Goeze,1777)** (Coccinellidae) Synonym(s): *luteorubra Goeze,1777* 01 06 16 25 65
368. **Platystoma seminationis (Fabricius,1775)** (Platystomidae) Synonym(s): *seminationis Fabricius,1775; fulviventre Schrank,1781; biseta Loew,1868; vegetationis Rondani,1869;* 65 70
369. **Polistes dominulus (Christ,1791)** (Vespidae) Synonym(s): *dominulus Christ,1791; bucharensis Erichson,1949; muchei Gusenleitner,1976* 01 02 05 06 07 08 09 10 17 20 21 24 25 26 31 32 33 34 35 36 41 42 44 45 46 47 48 49 53 55 59 60 63 65 76 78
370. **Polistes gallicus (Linnaeus,1767)** (Vespidae) Synonym(s): *gallicus Linnaeus,1767; foedratus Kohl,1898; omissus Weyrauch,1939* 01 02 06 07 08 09 10 13 20 21 22 23 24 25 26 31 32 33 34 35 36 40 42 44 45 46 47 53 55 63 65 73 75 76 77 78
371. **Polypedilum breviantennatum Tchern.,1949** (Chironomidae) Synonym(s): *breviantennatum Tchern.,1949* 01 07 23 31 65
372. **Polypedilum convictum (Walker,1856)** (Chironomidae) Synonym(s): *convictum Walker,1856* 65
373. **Polyphaga aegyptiaca (Linnaeus,1758)** (Polyphagidae) Synonym(s): *aegyptiaca Linnaeus,1758* 01 06 16 21 31 33 34 35 65
374. **Polyphylla (s.str.) olivieri (Laporte de Castelnau,1840)** (Scarabaeidae) Synonym(s): *olivieri Laporte de Castelnau,1840* 07 13 14 16 43 55 65
375. **Pompilus cinereus (Fabricius,1787)** (Pompilidae) Synonym(s): *cinereus Fabricius,1787* 07 09 10 33 34 36 56 57 65
376. **Populicerus sharifi Dlabola,1977** (Cicadellidae) Synonym(s): *sharifi Dlabola,1977* 06 18 22 38 50 65 66
377. **Potthastia sp.** (Chironomidae) Synonym(s): 65
378. **Priocnemis vulgaris (Dufour,1841)** (Pompilidae) Synonym(s): *vulgaris Dufour,1841* 01 07 08 13 14 15 24 25 34 36 42 50 53 58 65 73
379. **Procladius sp.** (Chironomidae) Synonym(s): 65
380. **Protaetia (Potosia) cuprea (Fabricius,1775)** (Scarabaeidae) Synonym(s): *cuprea Fabricius,1775* 01 06 07 13 14 22 26 27 31 33 37 38 42 43 46 51 60 65 70 76 80
381. **Protaetia (Potosia) funebris (Gory & Percheron,1833)** (Scarabaeidae) Synonym(s): *funebris Gory & Percheron,1833; exclamtionlis Faldermann,1835; funesta Ménétrés,1836; aethiessoides Reitter,1898; lambillionea Alexis & Delphont,2000* 01 04 05 06 08 09 11 12 13 16 17 20 23 25 27 30 31 32 33 35 36 37 42 46 47 49 51 53 56 58 60 61 65 73
382. **Psammotettix alienus (Dahlbom,1850)** (Cicadellidae) Synonym(s): *alienus Dahlbom,1850; breviceps Kirschbaum,1868; flavidus Fieber,1869; karafutonis Matsumura,1914* 01 05 06 07 10 14 16 19 21 24 25 30 33 37 41 42 44 47 49 50 54 55 56 57 64 65 66 76 80

- 383. Psammotettix cephalotes (Herrich-Schäffer,1834)** (Cicadellidae) Synonym(s): *cephalotes* Herrich-Schäffer,1834; *citrinellus* Kirschbaum,1868; *sulphurellus* Kirschbaum,1868; *tristis* Kirschbaum,1868; *normani* Scott,1881 **06 24 32 42 65**
- 384. Psammotettix comitans Emelyanov,1964** (Cicadellidae) Synonym(s): *comitans* Emelyanov,1964 **06 51 54 65**
- 385. Psammotettix confinis (Dahlbom,1850)** (Cicadellidae) Synonym(s): *confinis* Dahlbom,1850; *eurylobus* Kirschbaum,1868; *heydeni* Fieber,1872; *thenii* Edwards,1915; *spathifer* Ribaut,1925 **01 04 06 07 10 13 24 25 28 30 32 36 42 52 55 56 58 65 76**
- 386. Psammotettix ornaticeps (Horvath,1897)** (Cicadellidae) Synonym(s): *ornaticeps* Horvath,1897 **06 25 51 65**
- 387. Psammotettix pictipennis (Kirschbaum,1868)** (Cicadellidae) Synonym(s): *pictipennis* Kirschbaum,1868; *fasciatus* Fieber,1869 **01 06 07 14 18 19 24 30 38 44 46 51 63 65 68 70 74 76 81**
- 388. Psammotettix provincialis (Ribaut,1925)** (Cicadellidae) Synonym(s): *provincialis* Ribaut,1925 **01 06 07 14 18 21 22 25 34 35 38 42 50 54 55 65**
- 389. Psectrocladius psilopterus Kieffer,1906** (Chironomidae) Synonym(s): *psilopterus* Kieffer,1906 **31 65**
- 390. Psectrocladius serpentrionalis Tchern.,1949** (Chironomidae) Synonym(s): *serpentrionalis* Tchern.,1949 **65**
- 391. Psectrocladius stratiotis Kieffer,1911** (Chironomidae) Synonym(s): *stratiotis* Kieffer,1911 **08 65**
- 392. Psectrocladius ventricosus Kieffer,1911** (Chironomidae) Synonym(s): *ventricosus* Kieffer,1911 **65**
- 393. Pseudepipona (Deuterepipona) ankarensis Giordani Soika,1970** (Vespidae) Synonym(s): *ankarensis* Giordani Soika,1970 **06 42 65 70**
- 394. Pseudocoles oedipoides Bolivar,1899** (Acrididae) Synonym(s): *oedipoides* Bolivar,1899; *arpatchai* Dirsh,1949; *warovi* Dirsh,1949; *krahmeri* Harz,1978 **02 08 30 36 46 65**
- 395. Pseudolynchia canariensis (Macquart,1839)** (Hippoboscidae) Synonym(s): *canariensis* Macquart,1839; *maura* Bigot,1885 **65**
- 396. Psilglossa anatolica Giordani Soika,1979** (Vespidae) Synonym(s): *anatolica* Giordani Soika,1979 **04 25 65**
- 397. Ptyngidricerus albardanus (McLachan,1891)** (Ascalaphidae) Synonym(s): *albardanus* McLachan,1891 **02 13 30 44 47 65**
- 398. Ptyngidricerus albardanus albardanus (McLachan,1891)** (Ascalaphidae) Synonym(s): *albardanus* McLachan,1891 **02 13 30 44 47 65**
- 399. Purpuricenens tommasoi Sama,2001** (Cerambycidae) Synonym(s): *tommasoi* Sama,2001 **65**
- 400. Purpuricenens wachanrui Levrat,1858** (Cerambycidae) Synonym(s): *wachanrui* Levrat,1858 **02 65**
- 401. Pyrgodera armata (Fischer von Waldheim,1820)** (Acrididae) Synonym(s): *armata* Fischer von Waldheim,1820 **01 02 04 05 06 07 08 12 13 16 19 21 23 25 26 27 30 32 33 36 38 42 44 46 47 49 50 51 58 62 63 65 71**
- 402. Pyrobombus niveatus (Kriechbaumer,1870)** (Apidae) Synonym(s): *niveatus* Kriechbaumer,1870 **06 07 14 19 25 26 38 42 51 65**
- 403. Pyrrhocoris apterus (Linnaeus,1758)** (Pyrrhocoridae) Synonym(s): *apterus* Linnaeus,1758; *clamariensis* Fallén,1829 **01 04 06 09 11 16 19 22 23 24 25 26 31 34 35 38 39 42 45 46 49 50 51 55 65 72 73 76**
- 404. Reptalus (s.str.) quinquecostatus (Dufour,1833)** (Cixiidae) Synonym(s): *quinquecostatus* Dufour,1833; *pallidus* Kusnezov,1937; *flavidus* Kusnezov,1937; *rufocarinatus* Kusnezov,1937 **04 05 06 08 11 17 22 23 25 32 34 35 39 44 49 50 55 56 59 60 61 63 65 74 76 81**
- 405. Reptalus (Trepalus) rufocarinatus (Kusnezov,1937)** (Cixiidae) Synonym(s): *rufocarinatus* Kusnezov,1937; *bitinctus* Dlabola,1961 **01 06 25 46 65 76**
- 406. Rhetantarsus exiguus Joh.,1937** (Chironomidae) Synonym(s): *exiguus* Joh.,1937 **01 65**
- 407. Rhoanans hypochlorus (Fieber,1869)** (Cicadellidae) Synonym(s): *hypochlorus* Fieber,1869 **06 13 14 25 26 36 65 76**
- 408. Rhynchites hungaricus (Herbst,1784)** (Attelabidae) Synonym(s): *hungaricus* Herbst,1784; *marginatus* Schrank,1798; *ursus* Gebler,1830; *anatolicus* Schilsky,1903; *marginicollis* Schilsky,1903; *maculicollis* Reitter,1916; *suturifer* Reitter,1916 **01 02 03 05 06 07 09 10 11 12 13 15 16 18 19 20 23 24 25 26 27 30 31 32 33 34 35 37 42 45 46 47 48 55 57 60 64 65 66 70 80**
- 409. Rhynocoris flavolimbatus (Jakovlev,1889)** (Reduviidae) Synonym(s): *flavolimbatus* Jakovlev,1889 **01 27 51 65**
- 410. Rhytidodus nobilis (Fieber,1868)** (Cicadellidae) Synonym(s): *nobilis* Fieber,1868; *trifasciatus* Kirschbaum,1868 **65**
- 411. Ribautodelphax pallens (Stål,1854)** (Delphacidae) Synonym(s): *pallens* Stål,1854 **24 25 36 65**
- 412. Ricania hedenborgi Stal,1865** (Ricaniidae) Synonym(s): *hedenborgi* Stal,1865 **07 21 35 47 65 73**
- 413. Ronisia brutia (Petagna,1787)** (Mutillidae) Synonym(s): *brutia* Petagna,1787; *torosa* Costa,1858; *duplex* Radoszkowski,1885 **03 11 20 22 24 25 30 33 35 36 42 60 65**

414. **Saga ephippigera Fischer von Waldheim,1846** (Tettigoniidae) Synonym(s): *ephippigera Fischer von Waldheim,1846* **01 02 08 12 13 21 23 24 25 30 31 36 38 44 46 47 48 49 56 62 63 65 76 80**
415. **Sapyga (s.str.) caucasica Radoszkowski,1880** (Sapygidae) Synonym(s): *caucasica Radoszkowski,1880* **08 25 30 36 65**
416. **Sapyga (s.str.) morawitzi Turner,1911** (Sapygidae) Synonym(s): *morawitzi Turner,1911; gussakovskii Kurzenko,1986* **11 21 23 30 33 42 58 63 65 73**
417. **Sapyga (s.str.) pulcherrima Morawitz,1894** (Sapygidae) Synonym(s): *pulcherrima Morawitz,1894* **06 33 40 50 58 60 65**
418. **Sapyga (s.str.) quinquepunctata (Fabricius,1781)** (Sapygidae) Synonym(s): *quinquepunctata Fabricius,1781* **02 07 13 14 25 30 33 34 42 48 50 51 55 58 63 65 73**
419. **Sapyga (s.str.) similis (Fabricius,1793)** (Sapygidae) Synonym(s): *similis Fabricius,1793; variegata Dahlbom,1844; exornata Gerstraecker,1861; pedestris Gerstraecker,1861; rufipes A.Costa,1864* **65**
420. **Scarabaeus pius (Illiger,1803)** (Scarabaeidae) Synonym(s): *pius Illiger,1803* **06 07 11 14 21 26 27 32 35 40 45 48 60 63 65**
421. **Scarodytes halensis (Fabricius,1787)** (Dytiscidae) Synonym(s): *halensis Fabricius,1787* **03 06 07 08 16 26 29 32 33 35 38 65 66**
422. **Scathophaga stercoraria (Linnaeus,1758)** (Scathophagidae) Synonym(s): *stercoraria Linnaeus,1758; merdaria Fabricius,1794; asticha Szilady,1926* **34 65 75**
423. **Schistocerca gregaria (Forsk.,1775)** (Acrididae) Synonym(s): *gregaria Forsk.,1775* **21 27 30 31 46 47 49 56 57 58 63 65**
424. **Sciocoris deltocephalus Fieber,1861** (Pentatomidae) Synonym(s): *deltocephalus Fieber,1861* **06 10 21 22 24 35 48 51 65**
425. **Sciocoris macrocephalus Fieber,1851** (Pentatomidae) Synonym(s): *macrocephalus Fieber,1851* **01 02 06 07 10 11 15 16 17 21 22 25 27 29 32 33 34 35 36 38 43 46 48 50 51 56 59 65**
426. **Sciocoris ochraceus Fieber,1861** (Pentatomidae) Synonym(s): *ochraceus Fieber,1861; #ochraseus Önder et al.,2006* **01 21 23 31 33 35 46 47 56 65 73**
427. **Scolia sexmaculata (Müller,1766)** (Scoliidae) Synonym(s): *sexmaculata Müller,1766; biguttata Fabricius,1804; violacea Panzer,1799; syriaca Klug,1832; hispanica Betrem,1935; beirutii Betrem,1935; montana Steinberg,1962; dionysopolis Tkalcu,1988* **01 02 04 06 07 08 09 13 15 21 24 25 27 30 34 35 36 38 42 53 65 73 76**
428. **Scymnus apetzi Mulsant,1846** (Coccinellidae) Synonym(s): *apetzi Mulsant,1846* **01 07 09 25 30 35 48 65**
429. **Scymnus quadriguttatus Capra,1924** (Coccinellidae) Synonym(s): *quadriguttatus Capra,1924* **06 07 16 20 26 35 37 45 65 75**
430. **Selinocephalus armeniacus Lindberg,1960** (Cicadellidae) Synonym(s): *armeniacus Lindberg,1960* **02 04 13 21 23 24 29 44 47 49 50 63 65**
431. **Selinocephalus sirvadi Dlabola,1965** (Cicadellidae) Synonym(s): *sirvadi Dlabola,1965* **01 04 13 27 63 65**
432. **Semnosia interrupta (Pic,1905)** (Cerambycidae) Synonym(s): *interrupta Pic,1905* **13 65**
433. **Sigara assimilis (Fieber,1848)** (Corixidae) Synonym(s): *assimilis Fieber,1848* **13 35 42 65**
434. **Sigara lateralis Leach,1818** (Corixidae) Synonym(s): *lateralis Leach,1818* **01 03 04 06 07 08 09 13 16 17 21 22 26 27 33 35 36 38 39 41 42 53 59 65 67**
435. **Sigara nigrolineata (Fieber,1848)** (Corixidae) Synonym(s): *nigrolineata Fieber,1848* **01 04 06 07 08 14 16 17 21 22 26 27 34 35 36 41 42 53 54 61 63 65**
436. **Smaragdina limbata (Steven,1806)** (Chrysomelidae) Synonym(s): *limbata Steven,1806; dorsalis Olivier,1808* **31 65**
437. **Sogatella vibix (Haupt,1927)** (Delphacidae) Synonym(s): *furcata Matsumura,1910; vibix Haupt,1927; matsumurana Metcalf,1943; longifurcifera Esaki & Ishihara,1947; panicicola Ishihara,1949; dogensis Ishihara,1952; catoptron Fennah,1963; parakolophon Linnavuori,1973; diachenhea Kuoh,1977* **02 05 06 07 09 13 21 23 27 31 33 35 42 47 50 56 63 65 73**
438. **Sphaerophoria scripta (Linnaeus,1758)** (Syrphidae) Synonym(s): *scripta Linnaeus,1758; gemmata Scopoli,1763; fasciata Müller,1764; invisita Harris,1776; menthostri De Geer,1776* **01 06 25 35 37 38 46 60 65**
439. **Sphenella marginata (Fallén,1814)** (Tephritidae) Synonym(s): *marginata Fallén,1814* **01 07 08 31 32 35 38 51 65**
440. **Sphingonotus (s.str.) nebulosus (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *nebulosus Fischer von Waldheim,1846* **05 06 07 18 42 46 48 51 65**
441. **Spilostethus pandurus (Scopoli,1763)** (Lygaeidae) Synonym(s): *pandurus Scopoli,1763* **01 03 06 07 09 11 15 16 17 18 20 22 23 26 27 31 33 34 35 38 39 42 43 45 48 51 46 64 65 67**
442. **Stagonomus amoenus (Brullé,1832)** (Pentatomidae) Synonym(s): *amoenus Brullé,1832* **01 05 06 10 11 16 17 22 31 33 38 39 42 46 52 55 59 60 65 70 78 80**
443. **Stauroderus scalaris (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *scalaris Fischer von Waldheim,1846* **18 53 55 65**

444. **Stenometopiellus angorensis Zachvatkin,1946** (Cicadellidae) Synonym(s): *angorensis Zachvatkin,1946; tesquorum Emeljanov,1964* **04 06 13 21 24 25 30 36 42 44 50 63 65 73 76**
445. **Stictochironomus sp.1** (Chironomidae) Synonym(s): **01 31 65**
446. **Stictochironomus sp.2** (Chironomidae) Synonym(s): **23 65**
447. **Stictoleptura tripartita (Heyden,1889)** (Cerambycidae) Synonym(s): *tripartita Heyden,1889* **02 13 65**
448. **Stictopleurus riveti Royer,1923** (Rhopalidae) Synonym(s): *riveti Royer,1923* **01 11 15 17 21 22 30 36 43 45 56 63 64 65**
449. **Stictotarsus griseostriatus (De Geer,1774)** (Dytiscidae) Synonym(s): *griseostriatus De Geer,1774* **08 25 53 65**
450. **Stylosomus flavus Marseul,1875** (Chrysomelidae) Synonym(s): *flavus Marseul,1875* **37 65**
451. **Sympetrum flaveolum (Linnaeus,1758)** (Libellulidae) Synonym(s): *flaveolum Linnaeus,1758* **09 25 33 35 40 45 65**
452. **Sympetrum fonscolombii (Selys,1840)** (Libellulidae) Synonym(s): *fonscolombii Selys,1840* **15 16 24 25 33 35 46 47 58 65**
453. **Sympetrum meridionale (Selys,1841)** (Libellulidae) Synonym(s): *meridionale Selys,1841* **05 06 16 25 31 33 44 45 47 48 65 80**
454. **Sympetrum pedemontanum (Allioni,1766)** (Libellulidae) Synonym(s): *pedemontanum Allioni,1766* **65**
455. **Sympetrum striolatum (Charpentier,1840)** (Libellulidae) Synonym(s): *striolatum Charpentier,1840* **05 10 16 24 33 35 47 48 65**
456. **Tabanus alvarengia Schacht,1987** (Tabanidae) Synonym(s): *alvarengia Schacht,1987* **08 30 47 65 73**
457. **Tabanus anthrax Olsuffjev,1937** (Tabanidae) Synonym(s): *anthrax Olsuffjev,1937* **03 30 51 65 73**
458. **Tabanus bromius Linnaeus,1758** (Tabanidae) Synonym(s): *bromius Linnaeus,1758; antophilus Loew,1858* **01 02 03 04 05 06 07 08 09 10 11 12 14 16 17 18 19 20 21 22 23 25 26 28 29 30 31 32 33 35 36 38 39 40 42 43 44 46 49 50 51 52 53 54 55 56 57 58 59 61 65 67 68 69 73 74 77 78 81**
459. **Tabanus glaucopis Meigen,1820** (Tabanidae) Synonym(s): *ferrugineus Meigen,1804 nec Ström,1768; glaucopis Meigen,1820* **06 08 10 11 17 22 26 30 33 34 35 36 39 42 43 49 51 55 57 59 65 67 74 78 81**
460. **Tabanus olsuffjevi Hauser,1960** (Tabanidae) Synonym(s): *olsuffjevi Hauser,1960* **30 65**
461. **Tabanus semiargenteus Olsuffjev,1937** (Tabanidae) Synonym(s): *semiargenteus Olsuffjev,1937* **30 36 65**
462. **Tabanus swiridowi Portschinsky,1882** (Tabanidae) Synonym(s): *swiridowi Portschinsky,1882* **08 25 36 58 65 73 75 76**
463. **Tabanus unifasciatus Loew,1858** (Tabanidae) Synonym(s): *unifasciatus Loew,1858; albescens Kröber,1928* **03 04 06 07 10 11 14 16 17 19 22 23 24 25 26 30 33 36 38 39 40 42 43 44 46 50 51 53 57 58 59 60 65 66 81**
464. **Tabanus yasujensis Bogatshev & Samedov,1949** (Tabanidae) Synonym(s): *yasujensis Bogatshev & Samedov,1949* **06 16 30 33 65**
465. **Tachyagetes bytinskii Haupt,1962** (Pompilidae) Synonym(s): *bytinskii Haupt,1962* **43 50 58 65 76**
466. **Tachyagetes konyanus Wolf,1987** (Pompilidae) Synonym(s): *konyanus Wolf,1987* **19 42 65**
467. **Tachyagetes turcoturanicus Wolf,1986** (Pompilidae) Synonym(s): *turcoturanicus Wolf,1986* **24 42 50 58 65**
468. **Tachycixius logvinenkovae Dlabola,1974** (Cixiidae) Synonym(s): *logvinenkovae Dlabola,1974* **06 65**
469. **Tamaricella ribauti (Zachvatkin,1947)** (Cicadellidae) Synonym(s): *ribauti Zachvatkin,1947* **25 58 65**
470. **Tamaricella tamaricis (Puton,1872)** (Cicadellidae) Synonym(s): *tamaricis Puton,1872; subpunctata Vilbaste,1961* **01 06 21 25 65**
471. **Tanyproctus carbonarius Faldermann,1835** (Scarabaeidae) Synonym(s): *carbonarius Faldermann,1835* **65**
472. **Tanypus punctipennis Meigen,1818** (Chironomidae) Synonym(s): *punctipennis Meigen,1818* **23 65**
473. **Tanytarsus gregarius Kieffer,1911** (Chironomidae) Synonym(s): *gregarius Kieffer,1911* **23 65**
474. **Telostegus cretensis Priesner,1965** (Pompilidae) Synonym(s): *cretensis Priesner,1965* **50 65**
475. **Telostegus excisus (Haupt,1930)** (Pompilidae) Synonym(s): *excisus Haupt,1930* **42 58 65**
476. **Telostegus fumigatus (Klug,1834)** (Pompilidae) Synonym(s): *fumigatus Klug,1834* **11 13 16 26 42 44 50 65 76**
477. **Telostegus inermis (Brullé,1832)** (Pompilidae) Synonym(s): *inermis Brullé,1832; ater Haupt,1930* **04 06 07 08 09 13 20 24 25 33 35 36 38 42 44 45 50 51 58 65 73 76**

- 478. *Tenthredo vespa* Retzius,1783** (Tenthredinidae) Synonym(s): *vespa* Retzius,1783; *multifasciata* Geoffroy,1785; *sexannulata* Schrank,1802; *tricincta* Fabricius,1804 nec Christ,1791; *quadricincta* Fallén,1808; *vespiformis* Audinet-Serville,1823; *multicinctus* Rudow,1872; *nigrilabris* Frivaldszky,1877 **25 53 61 65**
- 479. *Tentyria tessulata* Tauscher,1812** (Tenebrionidae) Synonym(s): *tessulata* Tauscher,1812 **02 65**
- 480. *Tephritis merzi* Freidberg & Kütük,2002** (Tephritidae) Synonym(s): *merzi* Freidberg & Kütük,2002 **07 33 65**
- 481. *Tephritis postica* (Loew,1844)** (Tephritidae) Synonym(s): *postica* Loew,1844 **01 05 07 09 15 20 23 32 35 37 38 43 45 46 50 58 65**
- 482. *Tephritis pulchra* (Loew,1844)** (Tephritidae) Synonym(s): *pulchra* Loew,1844 **01 06 38 65**
- 483. *Tephritomyia lauta* (Loew,1869)** (Tephritidae) Synonym(s): *lauta* Loew,1869 **38 58 65**
- 484. *Tephrochlamys laeta* (Meigen,1830)** (Heleomyzidae) Synonym(s): *laeta* Meigen,1830 **07 65**
- 485. *Teratolytta kulzeri* Kaszab,1958** (Meloidae) Synonym(s): *kulzeri* Kaszab,1958 **65 73**
- 486. *Teratolytta vanensis* Kaszab,1968** (Meloidae) Synonym(s): *vanensis* Kaszab,1968 **01 65**
- 487. *Tetrix bolivari* (Saulcy,1901)** (Tetrigidae) Synonym(s): *bolivari* Saulcy,1901 **04 06 08 12 13 14 21 23 31 34 35 36 42 44 50 61 63 65 71**
- 488. *Tettigometra (Mitricephalus) macrocephalus* (Fieber,1865)** (Tettigometridae) Synonym(s): *macrocephalus* Fieber,1865; *longiceps* Signoret,1866; *concolor* Fieber,1876 (praeocc.); *contaminatus* Metcalf,1932 **06 41 54 65**
- 489. *Tettigometra (s.str.) sulphurea* Mulsant-Rey,1855** (Tettigometridae) Synonym(s): *sulphurea* Mulsant-Rey,1855; *mendax* Horvath,1888; *scutellaris* Horvath,1903 **01 06 07 08 09 10 11 16 21 23 35 43 50 54 63 64 65**
- 490. *Tettigometra (s.str.) virescens* (Panzer,1799)** (Tettigometridae) Synonym(s): *virescens* Panzer,1799; *dorsalis* Latreille,1804 **01 02 06 07 08 16 20 21 23 24 25 27 31 47 62 63 65 76**
- 491. *Tettigometra (Stirometra) costulata* Fieber,1865** (Tettigometridae) Synonym(s): *costulata* Fieber,1865; *parviceps* Signoret,1866; *heydenii* Kirschbaum,1868; *abrupta* Fieber,1876; *albofasciata* Fieber,1876; *unifasciata* Fieber,1876 **01 02 08 12 21 23 24 25 27 30 44 47 63 65 72 76**
- 492. *Tettigometra vitellina* Fieber,1865** (Tettigometridae) Synonym(s): *vitellina* Fieber,1865 **06 65**
- 493. *Tettigonia caudata* (Charpentier,1845)** (Tettigoniidae) Synonym(s): *caudata* Charpentier,1845; *kolenatii* Fischer von Waldheim,1846; *longicauda* Eversmann,1848; *prasina* Fieber,1852; *armeniaca* Tarbinsky,1940 **01 02 04 06 07 08 09 12 13 16 21 22 23 25 26 30 35 39 44 45 46 51 59 63 65 71**
- 494. *Tettigonia turcica* Ramme,1951** (Tettigoniidae) Synonym(s): *turcica* Ramme,1951 **30 51 65 73**
- 495. *Thienemannimyia lentiginosa* (Fries,1830)** (Chironomidae) Synonym(s): *lentiginosa* Fries,1830 **08 12 65**
- 496. *Tibicina serhadensis* sp.n.** <sup>20</sup> (Cicadidae). For brief description see below, footnote 20. **65**
- 497. *Tipula (Acutipula) latifurca* Vermoolen,1983** (Tipulidae) Synonym(s): *latifurca* Vermoolen,1983 **01 03 06 07 13 15 30 32 38 42 48 49 53 61 65**
- 498. *Tipula (Tipula) orientalis* Lackschewitz,1930** (Tipulidae) Synonym(s): *orientalis* Lackschewitz,1930 **02 03 6 07 08 09 13 15 17 25 32 33 35 38 42 48 49 52 57 58 65**
- 499. *Tipula (Yamatotipula) guentheri* Oosterbroek,1994** (Tipulidae) Synonym(s): *guentheri* Oosterbroek,1994 **13 29 30 62 65 68 69 73**
- 500. *Tremulicerus mesopyrrhus* (Kirschbaum,1868)** (Cicadellidae) Synonym(s): *mesopyrrhus* Kirschbaum,1868; *socialis* Fieber,1868; *variegata* Ribaut,1952 **01 06 07 13 18 25 29 35 42 45 65**

<sup>20</sup> *Tibicina serhadensis* sp.n. - This new species is apparently restricted to the mountains of South of Van Lake Basin, and has a very short flight period in early July. Adults inhabit mainly in the tragacanthic-malacophyllous mountain steppe, in deep hot valleys between about 2000-2200m, and alpine meadows. A good series of males and females were collected by the authors from the following localities; Kurubaş, Yapılı mezarası, and Ardiç vadisi (observed); the latter two localities are placed in the Çatak district. In a separate publication, this species will be described and illustrated in details. For the acoustical data of male songs, a separate collaborative publication will be appreciated. For the time time being, the following diagnostic morphological characters are given briefly: Holotype ♂: Head black, with whitish hairs, eyes brown, ocelli orange, antennae black; pronotum black, covered with whitish hairs, dorsal median fascia light brown and distinct, on both sides of it two transversal black markings prominent; dorsal parts of thorax and abdomen black with sporadic hairy; thoracal orange ornamentation similar to *Tibicina tomentosa* to some degree but different; central and basal part of forewing costa and basal veins of both wings orange, all other veins of both wings black in colour and well developed; moreover, veins of outer cells of forewing strongly suffused by black. All the wing membranous but never transparent, bluish-greyish milky in colour. Legs orange partly with black markings. Pygophore strong and black coloured in general, sides of subgenital plate yellow; uncus black, broad basally but its terminal part elongated and curved inwards in lateral view; aedeagus strong basally, partly flattened, nearly U-shaped, its terminal part weak, flattened, pointed, and light yellow in colour. Measurements (in mm.) (Holo- and paratypes): Yapılı 9♂♂ (forewing 29-36, average: 31.33), 12♀♀ (forewing: 29-40, average: 33.25); Kurubaş 13♂♂ (forewing: 34-40, average: 36.15), 8♀♀ (forewing: 36-39, average: 37.62). Variabilities: Females are larger in size than the males. In both sexes, adults of Kurubaş population are larger than those of Yapılı population. In one male, orange colouration is greatly reduced on wings, body, and legs.

This species is somewhat similar to *Tibicina tomentosa* in appearance but differs from it also from *Tibicina steveni* from Taurus Mts. especially by the structural differences of the thorax, and colouration of the wing veins, and male pygophore.

Derivation of the species name: The name "serhad" means "frontier". Van province, living place of this new species, is actually frontier territories of the Republic of Turkey! Type-series: Holotype ♂ and Paratypes (41♂♂♀♀): Van Province, Çatak, Yapılı mezarası 2180m 17 2009, 21♂♂♀♀, 8 nymphal skins leg. M.Kemal & A.Koçak; Kurubaş geçidi 1950-2100m ,3-4 7 2009 21♂♂♀♀ leg. M.Kemal & A.Koçak (in coll. Cesa). The new species fly together with *Cicadatra persica* Kirkaldy.

501. **Tremulicerus poecilus (Herrich-Schäffer,1835)** (Cicadellidae) Synonym(s): *poecilus* Herrich-Schäffer,1835; *falciger* Boheman,1845; *discolor* Flor,1861; *venustus* Scott,1874 **13 29 37 65**
502. **Trichodes ephippiger Chevrolat,1874** (Cleridae) Synonym(s): *ephippiger* Chevrolat,1874 **01 12 13 21 23 25 27 30 44 46 47 49 62 63 65**
503. **Trichodes laminatus Chevrolat,1843** (Cleridae) Synonym(s): *laminatus* Chevrolat,1843 **01 06 07 09 27 31 33 34 35 38 42 44 45 48 51 64 65 68 70 71 80**
504. **Trichodes pulcherrimus Escherich,1892** (Cleridae) Synonym(s): *pulcherrimus* Escherich,1892 **13 24 30 38 42 47 58 62 65 72**
505. **Trichodes sexpustulatus Chevrolat,1874** (Cleridae) Synonym(s): *sexpustulatus* Chevrolat,1874; *erratus* Champenois,1898 **01 06 07 08 25 29 33 38 44 50 51 58 61 62 65**
506. **Trichodes sipylus (Linnaeus,1758)** (Cleridae) Synonym(s): *sipylus* Linnaeus,1758; *subfasciatus* Kraatz,1873; *frater* Kraatz,1893; *fraterculus* Zaitzev,1915 **06 07 09 11 12 13 17 20 23 24 27 30 32 33 35 38 42 45 46 47 48 51 58 62 65 68 76**
507. **Trupanea amoena (Frauenfeld,1857)** (Tephritidae) Synonym(s): *amoena* Frauenfeld,1857; *#amoena* Giray,1979 **04 30 35 38 58 65**
508. **Trupanea stellata (Fuesslin,1775)** (Tephritidae) Synonym(s): *stellata* Fuesslin,1775 **06 08 10 35 38 48 58 65**
509. **Truxalis robusta (Uvarov,1916)** (Acrididae) Synonym(s): *robusta* Uvarov,1916 **05 07 27 31 33 44 46 63 65**
510. **Tshurtshurnella trifasciata (Linnavuori,1965)** (Issidae) Synonym(s): *trifasciata* Linnavuori,1965 **02 21 31 33 65**
511. **Uvarovistia (s.str.) satunini (Uvarov,1916)** (Tettigoniidae) Synonym(s): *satunini* Uvarov,1916 **13 21 23 30 49 62 65**
512. **Uvarovistia (s.str.) zebra (Uvarov,1916)** (Tettigoniidae) Synonym(s): *zebra* Uvarov,1916 **30 65 73**
513. **Vachiria deserta (Becker,1867)** (Reduviidae) Synonym(s): *deserta* Becker,1867 **04 07 23 42 50 58 65 76**
514. **Verdanus gazelicornis (Dlabola,1980)** (Cicadellidae) Synonym(s): *gazelicornis* Dlabola,1980 **08 36 61 65**
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516. **Vespa orientalis Linnaeus,1771** (Vespidae) Synonym(s): *orientalis* Linnaeus,1771 **01 06 07 08 09 10 11 15 16 20 21 24 25 27 31 33 35 36 42 44 45 46 47 48 49 63 65 70 76**
517. **Vespula germanica (Fabricius,1793)** (Vespidae) Synonym(s): *germanica* Fabricius,1793 **05 06 07 08 09 10 15 16 17 20 21 29 31 32 33 34 35 36 38 40 41 42 44 45 46 47 48 49 50 52 60 63 64 65 66 69 77 78**
518. **Villa hottentotta (Linnaeus,1758)** (Bombyliidae) Synonym(s): *hottentotta* Linnaeus,1758; *nugator* Harris,1780 **65**
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