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## NEW FAUNISTIC DATA ON SOME DIPTERAN FAMILIES (INSECTA) FROM VASER VALLEY AND ȚIBLEȘ MOUNTAINS - MARAMUREȘ (ROMANIA)

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Abstract. There are presented 200 species of 26 dipteran families, most of them collected from the Vaser Valley and from the Țibleș Mountains from Maramureș Depression, northern Romania. Four species are reported for the first time in Romania and 70 in Maramureș.

Résumé. On présente 200 espèces de 26 familles de diptères; la plupart sont capturés dans la vallée de la rivière Vaser et dans les Monts Țibleș de la Dépression du Maramureș, du nord de la Roumanie. Quatre espèces sont rapportées pour la première fois en Roumanie et 70 en Maramureș.

Key words: Diptera, Vaser Valley, Țibleș Mountains, Maramureș, Romania, faunistic news.

If the vertebrate fauna of Maramureș is well known now (Ardelean & Béreș, 2000), the invertebrate fauna is still insufficiently studied.

History of the research on dipterans from Maramureș Depression shows that from Frivaldszky's contribution (1871) till 1997, 17 authors published data on the 140 species of 30 families.

Between 1995-1998, according to their own programme (Gâldean & Pârvu, 1997), the scientists of "Grigore Antipa" National Museum of Natural History (Bucharest) made an intense collecting in Maramureș and published numerous papers, with data from the main valleys (Iza, Vișeu, Săpânța, Mara) and from the mountains which delimit the depression (Maramureș, Rodna, Igniș mountains). A synthetical paper on Diptera belongs to the author (Pârvu, 2003).

In the months of July of 2003 and 2004, for two weeks, two important areas, unstudied that time, were surveyed: Valea Vaser and Munții Țibleș.

Among the 200 species presented in the paper, 70 species are reported for the first time for Maramureș Depression, the total number of the known species reaching 995.

Four species are mentioned for the first time for the Romanian fauna: *Prionocera chosenicola*, *Empis cincinatula*, *Medetera belgica*, *Thrypticus paludicola*.

During the trips in Maramureș between 2003-2004, some sites which proved to be valuable were surveyed once again: Repedea, Vișeu Valley, Pop Ivan Mountain.

### MATERIAL AND METHOD

Most of the material was captured by the author during 2003–2004, to which some specimens collected by Emil Varády, from Nireș (Nagy Nireș), between 1940–1942, and others collected by my colleagues, in 1998, are added.

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English translation by Mihaela Barcan Achim.

Collecting was made with the entomological net, the sites were booked and characterized in a working register. A part of the insects were dried and the others were preserved in 70% alcohol.

The identification of the species was made after the insect guide book of the European side of the USSR (Shtakel'berg & Narchuk 1969, 1970), after fauna fascicles and Romanian and international guide books, and of course after the guide books of Lindner Collection as: Tipulidae (Mannheims & Theowald, 1980), Trypetidae (Hendel, 1927), Ephydriidae (Becker, 1926), Empididae (Engel, 1938), Dolichopodidae (Negrobov, 1971, 1979). For the last two mentioned families, which were minutely studied by the author, the papers signed by Parent (1938), Collin (1961), Chvála (1975) were used. Systematical order is according to Chvála (1997).

In the taxonomical list the species marked by an asterisk were not reported from Maramureş before, as those marked by a black point which were not reported from Romania before.

#### TAXONOMICAL LIST

##### Family Limoniidae

\* *Austrolimnophila* (*s. str.*) *ochracea* (Meigen, 1804): 1 ♂, Coşnea Chalet, 16.VI.2003, 3 ♂♂, Repedea forest range, 18.VI.2003, 22 ♂♂, 7 ♀♀, Dragomireşti forest range, 22.VI.2003, 1 ♂, 1 ♀, Sălişte, 23.VI.2003.

\* *Eloeophila apicata* (Loew, 1871): 1 ♂, Confluence Rica-Budescu, 14.VI.2003.

*E. maculata* (Meigen, 1804): 1 ♂, Confluence Rica-Budescu, 14.VI.2003.

*Epiphragma ocellare* (Linnaeus, 1761): 1 ♀, Coşnea Chalet, 16.VI.2003, 1 ♀, Vaser Valley (Făina), 19.VI.2003, 1 ♂, Confluence Rica-Budescu, 18.VI.2003, 1 ♀, Dragomireşti forest range, 22.VI.2003, 1 ♂, 1 ♀, Sălişte-Şandru streamlet, 23.VI.2003.

\* *Euphyllidorea aperta* (Verrall, 1887): 1 ♂, Coşnea Chalet – 500 m upstream, 18.VII.2003.

\* *Neolimnomyia* (*s. str.*) *batava* (Edwards, 1938): 3 ♂♂, Coşnea Chalet – 500 m upstream, 18.VI.2003, 1 ♂, Socolău river, 19.VII.2004.

\* *Pilaria discicollis* (Meigen, 1818): 1 ♂, Repedea forest range, 18.VI.2003, 1 ♂, Sălişte, 23.VI.2003, 1 ♂, Vaser Valley (Făina), 21.VII.2004.

\* *Pseudolimnophila lucorum* (Meigen, 1818): 3 ♂♂, Confluence Rica-Budescu, 14.VI.2003, 10 ♂♂, Vaser Valley (Făina), 21.VII.2004.

\* *P. sepium* (Verrall, 1886): 1 ♂, Pop Ivan river, 18.VII.2004, 2 ♂♂, Vaser Valley (Făina), 21.VII.2004.

*Erioptera* (*s. str.*) *flavata* (Westhoff, 1822): 10 ♂♂, Repedea forest range, 18.VI.2003, 1 ♂, Vaser Valley (Făina), 19.VI.2003, 60 ♂♂, 23 ♀♀, Vaser Valley (Făina), 21.VII.2003.

\* *E. (s. str.) fusculentata* Edwards, 1938: 1 ♂, Repedea forest range, 18.VI.2003.

\* *Gonomyia* (*Teuchogonomyia*) *edwardsi* Lackschewitz, 1925: 1 ♂, Repedea forest range, 18.VI.2003.

\* *Haplolabis* (*Parilisia*) *vicina* Tonnoir in Goetghebuer and Tonnoir, 1920: 1 ♂, Vaser Valley (Făina), 21.VII.2004.

- \* *Molophilus crassipygus* de Meijere, 1918: 1 ♂, Vaser Valley (Făina), 21.VII.2004.
- \* *Rhabdomastix (Sacandaga) laeta* (Loew, 1873): 1 ♂, Confluence Rica-Budescu, 14.VI.2003.
- \* *Atypophthalmus inustus* (Meigen, 1818): 1 ♂, Vaser Valley (Făina), 19.VI.2003, 1 ♂, Dragomirești forest range, 22.VI.2003, 1 ♂, Socolău river, 19.VII.2004.
- \* *Dicranomyia (s. str.) modesta* (Meigen, 1818): 1 ♂, Confluence Rica-Budescu, 14.VI.2003, 2 ♂♂, Dragomirești forest range, 22.VI.2003.
- \* *D. (Melanolimonia) caledonica* Edwards, 1926: 2 ♂♂, Coșnea Chalet, 16.VI.2003.
- \* *D. (Numantia) fusca* (Meigen, 1804): 2 ♂♂, Coșnea Chalet, 25.VII.2004.
- Metalimnobia quadrinotata* (Meigen, 1818): 1 ♂, Dragomirești forest range, 22.VI.2003.
- Helius longirostris* (Meigen, 1818): 1 ♂, Socolău river, 19.VII.2004.
- \* *Limonia alpicola* (Lackschewitz, 1928): 1 ♂, Sălișteș-Șandru, 23.VI.2003.
- \* *L. macrostigma* Schummel, 1829: 10 ♂♂, 3 ♀♀, Vaser Valley (Făina), 19.VI.2003, 1 ♂, Sălișteș, 23.VI.2003, 9 ♂♂, 6 ♀♀, Vaser Valley (Făina), 21.VII.2004.
- \* *L. nubeculosa* Meigen, 1804: 2 ♂♂, 2 ♀♀, Dragomirești forest range, 22.VI.2003.
- L. phragmitidis* (Schrank, 1781): 1 ♂, Confluence Rica-Budescu, 14.VI.2003, 1 ♂, Repedea forest range, 18.VI.2003, 4 ♂♂, 6 ♀♀, Vaser Valley (Făina), 19.VI.2003, 5 ♂♂, 1 ♀, Dragomirești forest range, 22.VI.2003, 1 ♂, Sălișteș-Șandru, 23.VI.2003, 2 ♂♂, 1 ♀, Vaser Valley (Făina), 21.VII.2004.
- \* *Lipsothrix errans* (Walker, 1848): 1 ♂, Sălișteș, 23.VI.2003.
- \* *L. remota* (Walker, 1848): 1 ♂, Coșnea Chalet, 25.VII.2004.
- \* *Neolimonia dumetorum* (Meigen, 1804): 5 ♂♂, Dragomirești forest range, 22.VI.2003.

#### Family Tipulidae

- *Prionocera chosenicola* Alexander, 1945 (= *tjederi* Mannheims, 1951): 1 ♀, Nireș (Nagy Nireș), 1941 leg. Emil Varády. Distribution: Europe: CS, S, SF; USSR: in the north from Kola peninsula to the East Siberian Sea; Nearctic Region.
- Nephrotoma cornicina* (Linnaeus, 1758): 1 ♂, Cornești, 19.VII.1998, 3 ♂♂, Berbești, 24.VII.1998, leg. Ioana Matache. C. Pârnu.
- N. dorsalis* Fabricius, 1782: 1 ♂, Repedea forest range, 18.VI.2003, 4 ♂♂, Vaser Valley (Făina), 19.VI.2003, 1 ♂, Sălișteș, 23.VI.2003.
- N. flavescens* (Linnaeus, 1758): 1 ♂, Coșnea Chalet, 20.VI.2003.
- \* *N. lunulicornis lunulicornis* (Schummel, 1833): 1 ♂, Repedea Forest range, 18.VI.2003, 1 ♂, Vaser Valley (Făina), 19.VI.2003, 1 ♂, Vaser Valley (Făina), 21.VII.2004.
- N. scurra* (Meigen, 1818): 1 ♂, Valea Vișeuului, 24.VII.2004.
- \* *N. submaculosa* Edwards, 1928: 1 ♂, Sălișteș, 23.VI.2003.
- \* *Tipula (Acutipula) maxima balcanica* Vermoolen, 1983: 1 ♂, Repedea forest range, 18.VI.2003.
- T. (Lunatipula) fascipennis* Meigen, 1818: 1 ♂, Sălișteș-Șandru, 23.VI.2003.
- \* *T. (L.) lunata* Linnaeus, 1758: 1 ♂, Sălișteș-Șandru, 23.VI.2003.
- \* *T. (Pterelachisus) austriaca* Pokorny (1887): 1 ♂, Coșnea Chalet, 23.VI.2003.

\* *T. (Schummelia) variicornis* (Schummel, 1833): 1 ♂, Coșnea Chalet, 16.VI.2003.

*T. (Yamatotipula) lateralis* Meigen, 1804: 1 ♂, Repedea forest range, 18.VI.2003.

\* *T. (Y.) montium* Egger, 1863: 1 ♂, Repedea Miclușa, 22.VII.1997, leg. Elena Rusu.

*T. (Y.) pruinosa* Wiedemann, 1817: 1 ♂, Confluence Rica-Budescu, 14.VI.2003, 1 ♂, Repedea forest range, 18.VI.2003.

#### Family Blephariceridae

*Liponeura cinerascens cinerascens* Loew, 1844: 1 ♂, Coșnea Chalet, 16.VI.2003, 2 ♀♀, Coșnea Chalet, 25.VII.2004.

#### Family Ptychopteridae

\* *Ptychoptera lacustris* Meigen, 1830: 2 ♂♂, 1 ♀, Dragomirești forest range, 22.VI.2003.

#### Family Rhagionidae

\* *Chrysopilus auratus* (Fabricius, 1805): 3 ♂♂, Socolău river, 19.VII.2004.

*C. nubecula* (Fallén, 1814): 1 ♂, Socolău river, 19.VII.2004, 5 ♂♂, Coșnea Chalet, 25.VII.2004.

*C. splendidus* (Meigen, 1820): 3 ♂♂, Confluence Pop Ivan-Hututeanca, 18.VII.2004, 1 ♂, Pop Ivan river, 18.VII.2004, 2 ♂♂, Vaser Valley (Făina), 21.VII.2004.

*Rhagio tringarius* (Linnaeus, 1758): 2 ♀♀, Coșnea Chalet, 25.VII.2004.

*Symphoromyia melaena* (Meigen, 1820): 1 ♀, Pop Ivan river, 18.VII.2004.

#### Family Tabanidae

*Chrysops viduatus* (Fabricius, 1794): 1 ♀, Nireș, 1941, leg. Emil Varády.

\* *Silvius algirus* Meigen, 1830: 1 ♀, Nireș, 1942, leg. Emil Varády.

*S. alpinus* (Scopoli, 1763): 1 ♂, Bistra, 24.VII.2004.

*Atylotus fulvus* (Meigen, 1820): 1 ♂, Nireș, 1942, leg. Emil Varády.

\* *A. loewianus* (Villeneuve, 1920): 1 ♂, Nireș, 1941, leg. Emil Varády.

*Hybomitra distinguenda* (Verrall, 1909): 1 ♀, Vaser Valley (Făina), 21.VII.2004.

*Tabanus autumnalis* Linnaeus, 1761: 1 ♀, Bistra, 24.VII.2004.

*Tabanus bovinus* Linnaeus, 1758: 1 ♀, Nireș, 1941, leg. Emil Varády.

*T. bromius* Linnaeus, 1758: 1 ♀, Socolău river, 19.VII.2004, 1 ♀, Vaser Valley (Făina), 21.VII.2004, 1 ♀, Coșnea Chalet, 25.VII.2004.

*T. cordiger* Meigen, 1820: 1 ♀, Repedea forest range, 18.VI.2003.

*T. maculicornis* Zetterstedt, 1842: 1 ♀, Pop Ivan river, 18.VII.2004, 1 ♀, Coșnea Chalet, 25.VII.2004.

*T. spodopterus* Meigen, 1820: 2 ♂♂, Nireș, 1940, leg. Emil Varády.

*T. tergestinus* Egger, 1859: 1 ♀, Socolău river, 19.VII.2004.

*Haematopota pluvialis* (Linné, 1761): Vaser Valley (Făina), 21.VII.2004.

## Family Stratiomyidae

*Stratiomys chamaeleon* (Linnaeus, 1758): 1 ♀, Nireș, 1941, Emil Varády, 1 ♀, Coșnea Chalet, 25.VII.2004.

## Family Empididae

- \* *Hilara abdominalis* Zetterstedt, 1838: 2 ♂♂, Pop Ivan river, 18.VII.2004.
- \* *H. aeronetha* Mik, 1892: 1 ♂, Pop Ivan river, 18.VII.2004.
- H. albiventris* von Roser, 1840: 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- H. angustifrons*: 2 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- H. beckeri* Strobl, 1890: 5 ♂♂, Vaser Valley (Făina), 21.VII.2004.
- H. canescens* Zetterstedt, 1849: 2 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- H. chorica* (Fallén, 1816): 5 ♂♂, Vaser Valley (Făina), 21.VII.2004, 4 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- H. intermedia* (Fallén, 1816): 3 ♂♂, Pop Ivan river, 18.VII.2004, 3 ♂♂, Socolău river, 19.VII.2004, 1 ♀, Vaser Valley (Făina), 21.VII.2004.
- H. interstincta* (Fallén, 1816): 2 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- H. lasiopa* Strobl, 1812: 1 ♂, Pop Ivan river, 18.VII.2004, 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- H. litorea* (Fallén, 1816): 1 ♂, Vaser Valley (Făina), 21.VII.2004.
- H. longivittata* Zetterstedt, 1842: 1 ♂, Confluence Rica-Budescu, 14.VI.2003.
- H. lurida* (Fallén, 1816): 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004, 1 ♂, Bistra, 24.VII.2004.
- H. media* Collin, 1927: 1 ♀, Coșnea Chalet, 25.VII.2004.
- \* *H. merula* Collin, 1927: 1 ♂, Coșnea Chalet, 25.VII.2004.
- H. nitidorella* Chvála, 1997: 1 ♂, Pop Ivan river, 18.VII.2004.
- \* *H. splendida* Straka, 1976: 1 ♂, Coșnea Chalet, 25.VII.2004. Identified after Straka (1976).
- Empis (Coptophlebia) pilimana* Loew, 1869: 1 ♂, Bistra, 24.VII.2004.
- Empis (s. str.) aestiva* Loew, 1867: 3 ♂♂, Confluence Pop Ivan-Huțuțeanca, 18.VII.2004, 4 ♂♂, Pop Ivan river, 18.VII.2004, 1 ♂, Vaser Valley (Făina), 21.VII.2004, 30 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- *Empis (s. str.) cincinatula* Loew (Fig. 1 A): 1 ♂, Confluence Rica-Budescu, 14.VI.2004. Distribution: A, JU.
- Empis (s. str.) genualis* Strobl, 1893: 1 ♂, Bistra, 24.VII.2004.
- Empis (Xanthempis) lutea* Meigen, 1804: 1 ♀, Pop Ivan river, 18.VII.2004.
- E. (X.) rohaceki* Chvála, 1994: 1 ♀, Pop Ivan river, 18.VII.2004.
- Rhamphomyia (Aclonempis) longipes* (Meigen, 1804): 23 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- R. (Holoclera) trigemina* Oldenberg, 1927: 1 ♂, Vaser Valley (Făina), 21.VII.2004.
- \* *Hemerodromia oratoria* (Fallén, 1816): 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- \* *Dolichocephala irrorata* (Fallén, 1815): 1 ♂, Vaser Valley (Făina), 21.VII.2004.
- \* *Heleodromia immaculata* Haliday, 1833: 1 ♂, Socolău river, 19.VII.2004.

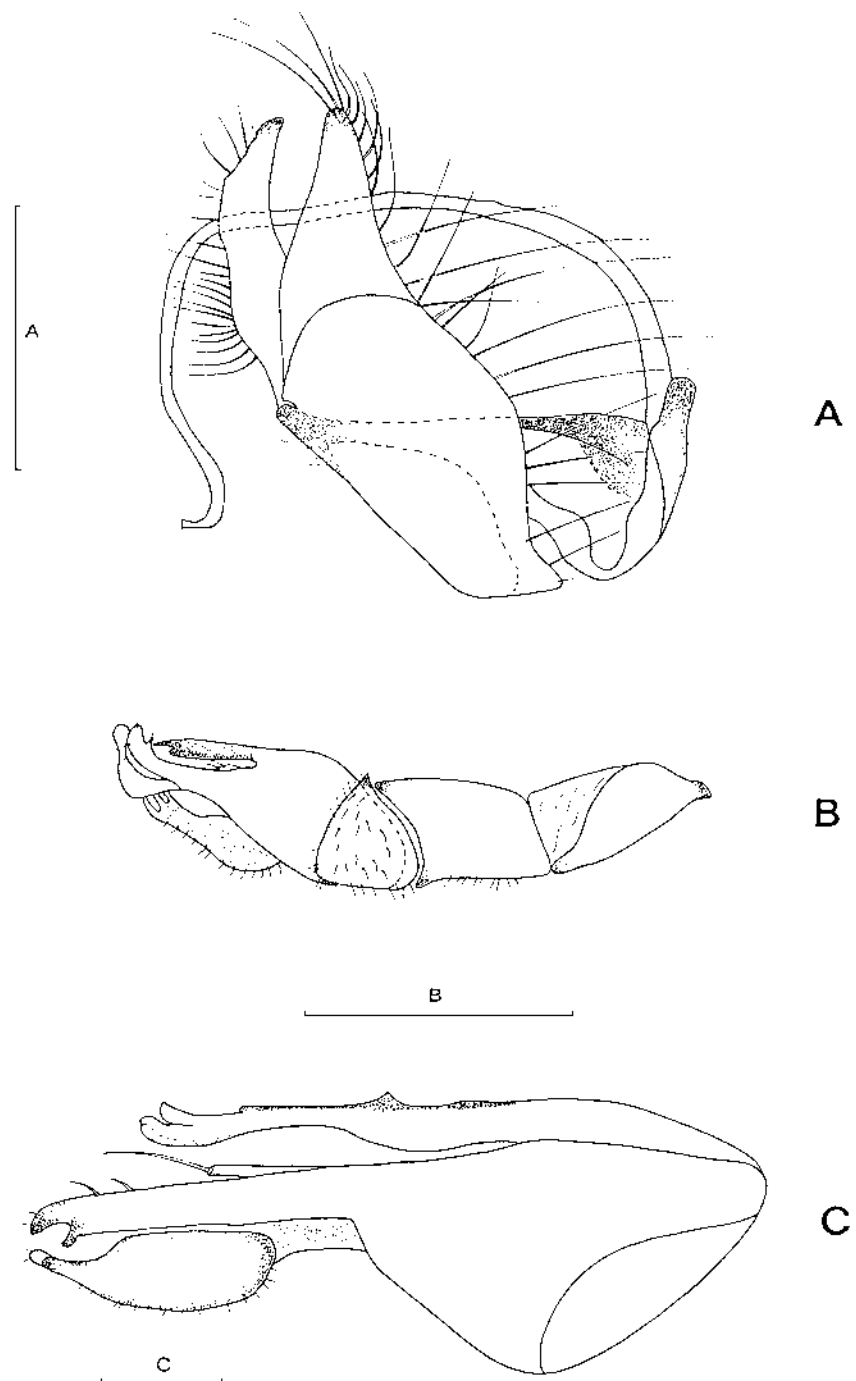


Fig. 1 – A, *Empis (s. str.) cinctatula* Loew, ♂ - genital capsule in lateral view; B, *Medetera belgica* Parent, ♂ - abdominal apex in lateral view; C, *Thrypticus paludicola* Negrobov, ♂ - genital capsule in lateral view. Scales (in mm): A, B 0.5; C 0.1.

## Family Hybotidae

- \* *Trichina elongata* Haliday, 1833: 1 ♀, Vaser Valley (Făina), 21.VII.2004.  
 \* *Hybos femoratus* (Müller, 1774): 2 ♂♂, Vaser Valley (Făina), 21.VII.2004.  
 \* *H. grossipes* (Linnaeus, 1767): 1 ♂, 1 ♀, Vaser Valley (Făina), 21.VII.2004.  
*Syneches muscarius* (Fabricius, 1794): 1 ♀, Leordina-railway station, 15.VI.2003.  
 \* *Platypalpus articulatus* Macquart, 1827: 3 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.  
 \* *P. minutus* (Meigen, 1804): 1 ♂, Vaser Valley (Făina), 21.VII.2004, 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.  
 \* *Tachydromia annulimana* Meigen, 1822: 1 ♂, Pop Ivan river, 18.VII.2004.  
 \* *Drapetis (Elaphropeza) ephippiata* (Fallén, 1815): 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.

## Family Dolichopodidae

- Rhaphium auctum* Loew, 1857: 1 ♂, Confluence Rica-Budescu, 14.VI.2003, 1 ♂, Huțuțeanca river, 17.VI.2003, 1 ♂, Pop Ivan river, 18.VI.2003.  
*R. fissum* Loew, 1850: 1 ♂, Pop Ivan river, 18.VI.2003, 1 ♂, Coșnea Chalet, 25.VII.2004.  
*R. monotrichum* Loew, 1850: 2 ♂♂, Vaser Valley (Făina), 21.VII.2004.  
*R. zetterstedti* (Parent, 1925): 3 ♂♂, Confluence Pop Ivan-Huțuțeanca, 18.VII.2004, 16 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.  
*Sympycnus aeneicoxa* (Meigen, 1824): 8 ♂♂, Socolău river, 19.VII.2004.  
*S. annulipes* (Meigen, 1824): Vaser Valley (Făina), 21.VII.2004.  
 \* *S. simplicipes* Becker, 1908: 2 ♂♂, Vaser Valley (Făina), 21.VII.2004, 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.  
*Campsicnemus curvipes* (Fallén, 1823): 1 ♂, Confluence Rica-Budescu, 14.VI. 2003, 1 ♂, Socolău river, 19.VII.2004, 1 ♂, Vaser Valley (Făina), 21.VII.2004, 1 ♂, Bistra, 24.VII.2004, 1 ♂, Coșnea Chalet-500 m upstream, 25.VII.2004.  
*Syntormon fuscipes* (von Roser, 1840): 1 ♂, Socolău river, 19.VII.2004, 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.  
*S. pumilus* (Meigen, 1824): 1 ♂, Vaser Valley (Făina), 21.VII.2004.  
*S. silvianum* Pârvu, 1989: 1 ♂, Repedea forest range, 18.VI.2003, 1 ♂, Coșnea Chalet, 25.VII.2004.  
*S. sulcipes* (Meigen, 1824): 1 ♂, Vaser Valley (Făina), 21.VII.2004.  
*S. tarsatus* (Fallén, 1823): 1 ♂, 3 ♀♀, Vaser Valley (Făina), 21.VII.2004.  
*Teuchophorus signatus*: 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.  
*Argyra atriceps* Loew, 1857: 1 ♂, Bistra, 24.VII.2004.  
*A. diaphana* (Fabricius, 1775): 1 ♂, Confluence Rica-Budescu, 14.VI.2003, 1 ♂, Vaser Valley (Făina), 21.VII.2004.  
*A. discedens* Becker, 1907: 1 ♂, Huțuțeanca river, 17.VI.2003.  
*Chrysotus cilipes* Meigen, 1824: 6 ♂♂, 3 ♀♀, Huțuțeanca river, 17.VI.2003, 7 ♂♂, 9 ♀♀, Vaser Valley (Făina), 21.VII.2004.  
*C. gramineus* (Fallén, 1823): Vaser Valley (Bardău-Cozia), 22.VII.2004.  
*C. laesus* (Wiedemann, 1817): 2 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*C. pulchellus* Kowarz, 1847: 1 ♀, Vaser Valley (Făina), 21.VII.2004, 9 ♂♂, 9 ♀♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*Diaphorus oculatus* (Fallén, 1923): 3 ♂♂, Leordina, 15.VI.2003.

*D. unguiculatus* Parent, 1925: 2 ♂♂, Vaser Valley (Făina), 21.VII.2004.

*Dolichopus argyrotarsis* Wahlberg, 1850: 2 ♂♂, Confluence Rica-Budescu, 14.VI.2003.

*D. claviger* Stannius, 1823: 2 ♂♂, Vaser Valley (Făina), 21.VII.2004.

*D. longicornis* Stannius, 1831: 2 ♂♂, Confluence Pop Ivan-Huțuțeanca, 18.VII.2004, 1 ♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*D. longitarsis* Stannius, 1831: 1 ♂, Huțuțeanca river, 17.VI.2003, 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*D. nigricornis* Meigen, 1824: 2 ♂♂, Vaser Valley (Făina), 21.VII.2004, 1 ♂, Coșnea Chalet, 25.VII.2004.

*D. pennatus* Meigen, 1824: 1 ♂, Rica-Budescu, 14.VI.2003, 1 ♂, 2 ♀♀, Huțuțeanca river, 17.VI.2003, 2 ♂♂, Confluence Pop Ivan-Huțuțeanca, 19.VII.2004, 2 ♂♂, Vaser Valley (Făina), 21.VII.2004.

*D. picipes* Meigen, 1824: 4 ♂♂, 2 ♀♀, Huțuțeanca river, 17.VI.2003, 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*D. plumipes* (Scopoli, 1763): 1 ♂, Confluence Rica-Budescu, 14.VI.2003.

*D. popularis* Wiedemann, 1817: 1 ♂, Vaser Valley (Făina), 19.VI.2003, 1 ♂, 1 ♀, Vaser Valley (Făina), 21.VII.2004.

*D. salictorum* Loew, 1871: 25 ♂♂, 10 ♀♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*D. signatus* Meigen, 1824: 9 ♂♂, Huțuțeanca river, 17.VI.2003, 1 ♂, Confluence Pop Ivan-Huțuțeanca, 18.VII.2004.

*D. subpennatus* D'Assis-Fonseca, 1976: 1 ♂, 2 ♀♀, Huțuțeanca river, 17.VI.2003.

*D. unguulatus* (Linnaeus, 1758): 2 ♂♂, Confluence Rica-Budescu, 14.VI.2003.

*Hercostomus aerosus* (Fallén, 1823): 8 ♂♂, 4 ♀♀, Huțuțeanca river, 17.VI.2003, 1 ♂, Vaser Valley (Făina), 21.VII.2004, 7 ♂♂, 6 ♀♀, Coșnea Chalet 500 m upstream, 25.VII.2004.

*H. brevicornis* (Staeger, 1842): 4 ♂♂, 2 ♀♀, Huțuțeanca river, 17.VI.2003, 1 ♂, Vaser Valley (Făina), 21.VII.2004, 10 ♂♂, 9 ♀♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*H. celer* (Meigen, 1824): 2 ♂♂, Confluence Rica-Budescu, 14.VI.2003, 2 ♂♂, 5 ♀♀, Huțuțeanca river, 17.VI.2003, 1 ♂, Vaser Valley (Făina), 19.VI.2003, 30 ♂♂, Vaser Valley (Făina), 21.VII.2004, 3 ♂♂, 3 ♀♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*H. chetifer* (Walker, 1849): 8 ♂♂, 8 ♀♀, Coșnea Chalet - 500 m upstream, 25.VII.2004.

*H. longiventris* (Loew, 1857): 4 ♂♂, Huțuțeanca river, 17.VI.2003.

*H. nigrilamellatus* (Macquart, 1827): 1 ♂, Huțuțeanca river, 17.VI.2003.

*Sybistroma obscurellum* (Fallén, 1823): 6 ♂♂, 6 ♀♀, Coșnea Chalet - 500 m upstream, 25.VII.2004.

• *Medetera belgica* Parent, 1937 (Fig. 1 B): 1 ♂, Coșnea Chalet, 25.VII.2004.

Distribution: Europe: B; USSR: NET (Murmansk region).

\* *Thrypticus bellus* Loew, 1869: 1 ♂, Confluence Pop Ivan-Huțuțeanca, 19.VII.2004.

• *T. paludicola* Negrobov in Negrobov and Shtakel'berg, 1972 (Fig. 1 C): 4 ♂♂, Vaser Valley (Făina), 21.VII.2004. Distribution: Europe: DDR, USSR: ES, Asia: Iran.

*Xanthochlorus tenellus* (Wiedemann, 1817): 1 ♀, Vaser Valley (Făina), 21.VII.2004.

#### Family Atelestidae

\* *Meghyperus sudeticus* Loew, 1850: 1 ♀, Vaser Valley (Făina), 21.VII.2004.

#### Family Syrphidae

\* *Didea fasciata* Macquart, 1834: 1 ♀, Coșnea Chalet, 25.VII.2004.

\* *Epistrophe* (*s. str.*) *diaphana* (Zetterstedt, 1843): 1 ♂, Coșnea Chalet, 25.VII.2004.

*Episyrphus balteatus* (De Geer, 1776): 1 ♂, 2 ♀♀, Confluence Ivan-Huțuțeanca, 18.VII.2004, 1 ♀, Vaser Valley (Făina), 21.VII.2004, 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*Sphaerophoria scripta* (Linnaeus, 1758): 5 ♂♂, 5 ♀♀, Confluence Pop Ivan-Huțuțeanca, 18.VII.2004.

*Xanthogramma pedissequum* (Harris, 1776): 1 ♂, Nireș, 1940, leg. Emil Varády.

*Platycheirus albimanus* (Fabricius, 1781): 1 ♂, Confluence Pop Ivan-Huțuțeanca, 18.VII.2004.

*P. immarginatus* (Zetterstedt, 1849): 1 ♂, Vaser Valley (Făina), 21.VII.2004.

*Volucella bombylans* (Linnaeus, 1758): 1 ♀, Nireș, 1941, leg. Emil Varády.

*V. inanis* (Linnaeus, 1758): 1 ♀, Nireș, 1941, leg. Emil Varády.

*V. pellucens* (Linnaeus, 1758): 1 ♀, Nireș, 1940, leg. Emil Varády, 1 ♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.

*Neoascia annexa* (Müller, 1776) (= *florales* Meigen, 1822): 2 ♂♂, 1 ♀, Vaser Valley (Făina), 21.VII.2004.

*N. tenur* (Harris, 1780) (= *dispar* auct. nec Meigen, 1822): 1 ♂, Vaser Valley (Făina), 21.VII.2004.

*Eristalis* (*Eoseristalis*) *arbustorum* (Linnaeus, 1758): 1 ♀, Nireș, 1941, leg. Emil Varády.

*E. (s. str.) tenax* (Linnaeus, 1758): 1 ♂, Nireș, 1941, leg. Emil Varády.

*Myathropa florea* (Linnaeus, 1758): 1 ♂, Nireș, 1941, leg. Emil Varády.

*Xylota segnis* (Linnaeus, 1758): 1 ♂, Confluence Pop Ivan-Huțuțeanca, 18.VII.2004.

#### Family Micropezidae

\* *Cnodacophora stylifera* (Loew, 1870): 1 ♂, 1 ♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.

#### Family Psilidae

*Loxocera aristata* (Panzer, 1801): 2 ♀♀, Vaser Valley (Făina), 21.VII.2004.

#### Family Lonchaeidae

\* *Lonchaea chorea* (Fabricius, 1871): 2 ♀♀, Crasna Vișeu, 23-29.VIII.1997, 1 ♀, Tătaru Dam, 19.VII.1998, leg. Șerban Procheș.

## Family Tephritidae

- \* *Paroxyna tessellata* Loew, 1844: 1 ♀, Vaser Valley (Făina), 21.VII.2004.
- \* *Tephritis neesii* (Meigen, 1830): 1 ♂, Bistra, 24.VII.2004.
- \* *Chaetorellia jaceae* (Robineau-Desvoidy, 1830): 2 ♂♂, Coșnea Chalet, 25.VII.2004.
- \* *Orellia falcata* (Scopoli, 1763): 4 ♂♂, 1 ♀, Coșnea Chalet, 25.VII.2004.
- Terellia (Cerajocera) tussilaginis* (Fabricius, 1775): 1 ♂, Coșnea Chalet, 25.VII.2004.
- \* *Terellia (s. str.) colon* (Meigen, 1820): 1 ♂, 1 ♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- \* *Acidia cognata* (Wiedemann, 1817): 1 ♀, Pop Ivan river, 18.VII.2004.

## Family Lauxaniidae

- Minettia longipennis* (Fabricius, 1794): 3 ♂♂, Vaser Valley (Bardău-Cozia).
- Tricholauxania praeusta* (Fallén, 1820): 1 ♂, Pop Ivan river, 18.VII.2004, 1 ♂, Vaser Valley (Făina), 21.VII.2004.

## Family Sciomyzidae

- Coremacera marginata* (Fabricius, 1775): 1 ♂, Vaser Valley (Făina), 21.VII.2004.
- Limnia unguicornis* (Scopoli, 1763): 1 ♂, Socolău river, 19.VII.2004, 1 ♂, Vaser Valley (Făina), 21.VII.2004.
- Tetanocera elata* (Fabricius, 1781): 1 ♂, Vaser Valley (Făina), 21.VII.2004.

## Family Sepsidae

- Sepsis cynipsea* (Linnaeus, 1758): 1 ♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- \* *S. flavimana* Meigen, 1826: 1 ♂, 1 ♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- S. fulgens* Hoffmannsegg in Meigen, 1826: 16 ♂♂, 4 ♀♀, Vaser Valley (Bardău-Cozia), 22.VII.2004, 1 ♂, Vaser Valley (Făina), 21.VII.2004.
- S. violacea* Meigen 1826: 1 ♂, Vaser Valley (Făina), 21.VII.2004, 9 ♂♂, 9 ♀♀, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- Themira annulipes* (Meigen, 1826): 2 ♂♂, Vaser Valley (Făina), 21.VII.2004, 12 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.
- \* *T. gracilis* (Zetterstedt, 1847): 2 ♂♂, Vaser Valley (Bardău-Cozia), 22.VII.2004.

## Family Agromyzidae

- \* *Cerodontha denticornis* (Panzer, 1806): 1 ♂, 1 ♀, Berbești, 24.VII.1997, leg. Șerban Procheș.
- \* *C. fulvipes* (Meigen, 1830): 1 ♂, Strâmtura (Berșotă stream), 7.IX.1995, 1 ♂, Berbești, 24.VII.1998.

## Family Opomyzidae

- Geomyza tripunctata* Fallén, 1823: 2 ♂♂, Vaser Valley (Făina), 21.VII.2004.

## Family Asteiidae

*Asteia amoena* Meigen, 1830: 1 ♀, Pleșca Chalet, 14.VII.1998, 1 ♀, Moisei, 6 km downstream, 21.VII.1997, 1 ♂, Bălăsâna river, 21.VIII.1997, 1 ♂, Repedea (Smereceni clearing), 22.VIII.1997, 1 ♀, Strâmtura (Berșotă stream), 7.IX.1995, 30 ♂♂, 52 ♀♀, Iza Spring, 9.IX.1995, 1 ♂, 2 ♀♀, Rodna Mountains (1400 m), 14.IX.1995.

\* *A. concinna* Meigen, 1830: 1 ♂, Săpânta, 9-12.VII.1996, leg. Ioana Matache, 2 ♀♀, Pleșca Chalet, 14-20.VII.1998.

## Family Drosophilidae

\* *Stegana (Steganina) coleoprata* (Scopoli, 1763): 5 ♂♂, 5 ♀♀, Coșnea Chalet, 25.VII.2004.

\* *Drosophila (s. str.) phalerata* Meigen, 1830: 1 ♀, Vaser Valley (Făina), 21.VII.2004.

## Family Diastatidae

*Diastata adusta* Meigen, 1830 (= *unipunctata* Zetterstedt, 1847): 1 ♂, Pop Ivan river, 18.VII.2004, 1 ♂, Vaser Valley (Făina), 21.VII.2004.

## Family Ephydriidae

*Hydrellia maculiventris* Becker, 1896: 2 ♂♂, Vaser Valley (Făina), 21.VII.2004.

*Ilythea spilota* (Curtis, 1832): 1 ♂, Coșnea Chalet – 500 m upstream, 25.VII.2004.

*Philygria maculipennis* (Robineau-Desvoidy, 1830): 1 ♂, Vaser Valley (Făina), 21.VII.2004.

*Parydra quadripunctata* (Meigen, 1830): 1 ♂, Vaser Valley (Făina), 21.VII.2004.

## Family Hippoboscidae

*Hippobosca equina* Linnaeus, 1758: 1 ♂, Nireș, 1942, leg. Emil Varády.

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NOI DATE FAUNISTICE DESPRE UNELE FAMILII DE DIPTERE (INSECTA)  
DE PE VALEA VASER ȘI DIN MUNȚII ȚIBLEȘ – MARAMUREȘ (ROMÂNIA)

## REZUMAT

Lucrarea este o continuare a cercetării faunei de diptere din depresiunea Maramureș începută în 1995. Datele prezentate provin din două deplasări de câte două săptămâni fiecare, întreprinse în lunile iulie din 2003 și 2004 cu scopul declarat de a colecta nevertebrate (insectele fiind cele mai numeroase ca de obicei) de pe Valea Vaser și Munții Țibleș.

Prin determinarea unei părți din dipterele colectate lista faunistică întocmită cuprinde 200 de specii (din 14 familii) din cele 2 subordine (Nematocera și Brachycera); patru specii sunt la prima semnalare în România și în Maramureș.

Numărul total de specii de diptere din depresiune este de 995.

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