

Some important records on sawflies (Hymenoptera: Symphyta) from the Entomological Collection of Agricultural University of Georgia (Sakartvelo) identified by Dr. Ermolenko

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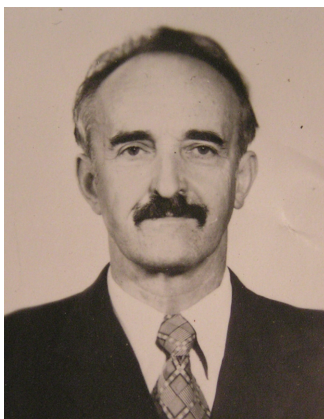
SUPATASHVILI, A., JAPOSHVILI, G. & HARIS, A.: *Some important records on sawflies (Hymenoptera: Symphyta) from the Entomological Collection of Agricultural University of Georgia (Sakartvelo) identified by Dr. Ermolenko.*

Abstract: 115 species are listed from Karachay and Georgia (Caucasus) based on the Archil Supatashvili collection identified by V.M Ermolenko. *Arge caucasica* Tournier 1889, *A. pagana* ssp. *pagana* (Panzer 1797), *Gilpinia virens* (Klug 1812), *Acantholyda posticalis* (Matsumura 1912), *Monostegia abdominalis* (Fabricius 1798), *Tenthredo albopicta* Puls 1870, *T. caucasica* Eversmann 1847, *T. oryssoides* Jakowlew 1888, *T. koehleri* Klug 1817 and *T. notha* Klug 1817 are new records for the fauna of Georgia.

Keywords: Hymenoptera, Symphyta, Caucasus, Georgia, Sakartvelo, Karachay-Cherkess

Introduction

Although Caucasus is an evolutionary and biodiversity hotspot, abundant with endemics, faunistic and floristic values, the sawfly fauna is still hardly studied. Before we started our investigations, only 105 species were listed from Georgia (ANDGULADZE 1957, DADURIAN 1962). This is the reason, that all faunistic data have exceptional value: they help us to learn more on the fauna of this unique place. This list of sawflies was survived in a PhD thesis competed in 1990 by the first author (SUPATASHVILI 1990). Most of the sawflies were collected by Archil Supatashvili between 1967 and 1985, who were PhD student at that time at the Institute of Forestry. His research were supervised by Valeriy Mikhailovich Ermolenko (Fig. 1) the leading Ukrainian Symphyta specialist of that time. Although, Ermolenko's workplace was the Schmalhausen Institute of Zoology in Kiev, he visited Tbilisi several times and did the identification of the sawflies at the university collection firstly in 1979. The voucher specimens of 54 species are deposited in the entomological collection of Agricultural University of Georgia in Tbilisi, the other specimens probably were taken by Ermolenko himself. We did efforts to track these specimens, but they were neither in the University collection in Tbilisi nor at the



**Fig 1. Valeri Mikhailovich Ermolenko 1920-2006,
zoologist of the Schmallhausen Institute of Zoology in Kiev**

Schmalhausen Institute of Zoology or at the Hungarian Natural History Museum, Budapest where most of the sawflies, collected by Ermolenko are deposited. This is the reason, the number of specimen and their sexual distribution (males or females) are unknown of numerous species, since these data were not recorded in the Ermolenko-list.

Valeri Mikhailovich Ermolenko (14. 06. 1920 Sostka Sumscoi – 25. 07. 2006 Kiev), zoologist of the Schmallhausen Institute of Zoology in Kiev, was the leading sawfly specialist of the contemporary Soviet Union publishing 303 scientific papers and book chapters. He led expeditions to the Caucasus (Georgia, Armenia, Azerbaijan), to Moldova, Central Asia (Kyrgyzstan, Turkmenistan, Tajikistan), to the Urals, Altai, Western Siberia and to the Far East of Russia (Sakhalin Island and the Kuriles). His large personal sawfly-collection was donated to the Hungarian Natural History Museum, Budapest which were in small part published by HARIS (2006). His types are preserved in Schmallhausen Institute, Kiev. (FURSOV & KOTENKO 2012, ROLLER & HARIS 2008).

Material and methods

This small, but important sawfly material is a result of sporadic collections mainly done by the first author from various regions of Georgia (Sakartvelo) and Karachay (Karachay-Cherkess) between 1967 and 1985. Beyond sawflies from Georgia, this material also contains significant number of sawflies collected in Northern Caucasus, in Karachay, during long term stay of first author in 1967 and 1979 years. The identification were performed by V. M Ermolenko, who was the scientific supervisor in the early 80's of Archil Supatashvili, who prepared his PhD thesis at the Institute of Forestry, Georgia. Since the identifications were mainly in 1979 and finished in 1985, Ermolenko used the monographs, available in this time (ENSLIN 1910a, b, 1912-18, 1920, GUSSAKOVSKIJ 1935, 1947). According to his personal communication during his meeting with the third author, his preferred monograph was the series of Eduard Enslin, titled Tenthredinidae Mitteleuropas (ENSLIN 1912-18). According to Ermolenko's opinion, Enslin was the most significant specialist of sawflies all the time and he appreciated much Enslin's works. The names from the list of the species, indetified by Ermolenko were updated following the nomenclature of the latest monograph of LACOURT (2020).

Results

List of species

Family: **Pamphiliidae**

Acantholyda (Acantholyda) erythrocephala (Linné, 1758): Tori: Andeziti, 1900-1950 m asl.; Andeziti – 1950 m asl., 14. 06. 1970, 1 female, on *Pinus*.

Acantholyda (Itycorsia) hieroglyphica (Christ, 1791): Akhaltsikhe 1000-1500 m asl., 05. 06. 1973; Bakuriani 1850 m asl. 15. 06. 1985, on *Pinus*.

Acantholyda (Itycorsia) posticalis (Matsumura, 1912): Adigeni 1250 m asl., 27. 05. 1974, 1 male; Khashuri 730 m asl., 13. 06. 1977, 1 female, on *Pinus*.

Neurotoma saltuum (Linné, 1758): Gori 480-500 m asl.; Lagodekhi 400-420 m asl., on *Helianthus* and *Rosales*.

Pamphilius varius (Serville, 1823): Kojori, Mzisa 1000 m asl., on *Betula*

Family: **Diprionidae**

Neodiprion sertifer (Geoffroy, 1785): Zestapfoni 155m asl.; Kutaisi 90 m asl.; Tskaltubo 180 m asl.; Akhalkalaki 1650 m asl.; Akhaltsikhe 1000 m asl.; Aspindza 1050 m asl.; Tbilisi (Shavnabada, Dendropark, Lisi lake) 600 m asl.; Mtskheta 464 m asl.; Kazbegi (Sioni, Sno) 1750-1800 m asl. on *Pinus*.

Gilpinia frutetorum (Fabricius, 1793): Adigeni 1250 m asl., 10. 09. 1973, on *Pinus* sp.

Gilpinia polytoma (Hartig, 1834): Borjomi 800 m asl.; Akhaltsikhe 1000 m asl., July 1979 Abastumani 1300 m asl.

Gilpinia virens (Klug, 1812): Khashuri 730 m asl., 02. 06. 1974, 1 female, on *Pinus* sp.; Pitsunda 15-20 m asl., 1981-84, Abastumani 1300 m asl.

Diprion pini (Linné, 1758): Tbilisi 450-1000 m asl., August 1972, on *Pinus*; Akhaltsikhe 1050 m asl., July 1974.

Family: **Cimbicidae**

Trichiosoma crassum W.F. Kirby, 1882 (= *Trichisoma jakovlevi* Gus.): Teberda, South orphanage, on *Umbelliferae*, 25. 07. 1967, 1 female; Gulripshi 1350 m asl., 25. 07. 1975, on *Apiaceae* (Fig. 2).

Cimbex connatus ssp. *connatus* (Schrank, 1776): Bakuriani 1850 m asl., 15. 06. 1971; Tsageri 1000 m asl., 16. 06. 1971; Borjomi 750 m asl., 01. 07. 1972; Daba 890 m asl., 16. 06. 1971, on *Alnus*.

Pseudoclavellaria amerinae (Linné, 1758): Near Mtkvari 250-1000 m asl., near Rioni 100-650 m asl., on *Salix*.

Abia lonicerae (Linné, 1758): Abkhazeti, on *Lonicera*.

Family: **Argidae**

Arge berberidis Schrank, 1802: 1 female, Daba, 17. 05. 1970, A. Supatashvili, Bakuriani 1750 m asl.; Daba 980 m asl., 17. 05. 1970, on *Apiaceae*.

Arge caucasica Tournier, 1889: 1 male, Marneuli, Tserakvis Monastery, on *Umbelliferae*, 11. 08. 1972, A. Supatashvili

Arge ciliaris (Linné, 1767): 1 male, Teberda, Gonachkhir, 1730 m asl., on *Filipendula* sp., 26. 06. 1979, A. Supatashvili



Fig. 2: *Trichiosoma crassum* W.F. Kirby, 1882

Arge rustica (Linné, 1758): lowland and mountain regions, on *Quercus*.

Arge melanochra (Gmelin, 1790): Bakuriani 1750 m asl., 30. 06. 1970, 1 female, on *Apiaceae*; Manglisi 1200 m asl.

Arge gracilicornis (Klug, 1814): Borjomi; Tsageri 100 m asl., on *Rubus*.

Arge enodis (Linné, 1767): Abastumani, Kurtskhana 1300 m asl., 12. 05. 1970, 1 female, on *Apiaceae*; Bakuriani 1900 m asl., 01. 06. 1985, 1 female; Poti 2 m asl.; 1 female.

Arge nigripes (Retzius, 1783): Bakuriani 1750 m asl., 30. 06. 1970, 2 female, 1 male, on *Apiaceae*.

Arge pagana ssp. *pagana* (Panzer, 1797): Khashuri (behind railway station), 730 m asl., 13. 06. 1977 1 female, on *Prunus* sp.

Arge pullata (Zaddach, 1859): Tbilisi 450-1000 m asl., on *Betula* sp.

Arge pyrenaica (André, 1879): Gulripshi: Bamba 1730 m asl.; Bakuriani 1900 m asl.; Tsemi 1150 m asl.; Plato 950 m asl.; on *Apiaceae*; Teberda, Gonachkhir, on *Umbelliferae*, 01. 08. 1967, 1 female; Bakuriani, 1900 m asl., on *Umbelliferae*, 26. 06. 1967, 1 female; Teberda, Gonachkhir, 1730 m asl., on *Umbelliferae*, 26. 06. 1979, 1 female, 1 male.

Arge ochropus (Gmelin, 1790): Tbilisi 400-1000 m asl.; Sagarejo 720-800 m asl.; Borjomi 800 m asl.; Ozurgeti 120 m asl.; Abkhazeti 20-650 m asl., on *Rosa*; Mtskheta 460 m asl.

Arge ustulata (Linné, 1758): Teberda, Gonachkhir, 1730 m asl., on *Umbelliferae*, 26. 06. 1979, 1 female; Teberda, Gonachkhir, 1500 m asl., on *Umbelliferae*, 30. 06. 1979, 1 male; Tbilisi, Tskhneti 1000 m asl., 26. 05. 1978, on *Apiaceae*; Gulripshi, Sakeni 1130 m asl.; Lentekhi 1350 m asl., 20. 07. 1968, on *Salix*, *Betula*; Borjomi; Tsageri 1000 m asl.

Family: **Tenthredinidae**Subfamily: **Allantinae**

Allantus (Emphytus) laticinctus (Serville, 1823): Tbilisi 450-1000 m asl., on *Rubus*, *Rosa* (listed as *Allantus balteatus* Kl.).

Allantus (Emphytus) cinctus (Linné, 1758): Tbilisi, Akhalkalaki 450-1760 m asl.

Allantus (Emphytus) rufocinctus (Retzius, 1783): Tsageri, Gvirgvina 1750-1800 m asl., 2 specimens on *Rubus* and *Rosa*.

Allantus (Allantus) viennensis (Schränk, 1781): Eastern Georgia 400-1000 m asl., 1 specimen on *Rosa*.

Apethymus serotinus (O.F. Müller, 1776): Eastern Georgia 400-1000 m asl., 2 specimens on *Rosa* and *Rubus*.

Athalia bicolor Serville, 1823: Vashlovani NP, 17. 05. 1977, 1 female.

Athalia ancilla ssp. *ancilla* Serville, 1823: Vashlovani N. P., 17. 05. 1977, 1 female; Bakuriani, 30. 06. 1970, 2 female, 1 male, on *Umbelliferae* (originally labelled as *Athalia glabricollis* Ths.).

Athalia rosae (Linnaeus, 1758): Teberda, Gonachkhir, on *Umbelliferae* 24. 07. 1979, 1 male.

Eriocampa ovata ssp. *ovata* (Linné, 1760): Meskhet-Javaxeti, 1983, on *Alnus* near rivers and mountain streams.

Eriocampa umbratica (Klug, 1816): Borjomi 850 m asl., 13. 05. 1978; Bakuriani 1800 m asl., 26. 05. 1985; Adigeni 1250 m asl., 22. 05. 1983; Ozurgeti 120 m asl., 02. 05. 1977, on *Alnus*.

Monostegia abdominalis (Fabricius, 1798): Kaspi, 14. 05. 1976, 1 female.

Taxonus agrorum (Fallén, 1808): Borjomi: Bakuriani 850-1850 m asl., 1987, on *Rubus*.

Subfamily: **Heterarthrinae**

Caliroa cinxia (Klug, 1816): Tbilisi 400-1000 m asl., on *Quercus*.

Caliroa cerasi (Linné, 1758): Gori 500 m asl., 10. 06. 1980, on *Prunus avium*; Tbilisi 450-1000 m asl., 17. 08. 1984, on *Pyrus* sp.

Endelomyia aethiops (Gmelin, 1790): Tskaltubo 180 m asl.; Ambrolauri 1100 m asl.; Oni 1200 m asl.; Gori 480-500 m asl.; Tskhinvali 850-900 m asl., 1973-1983, on *Rosa*.

Fenusa (Kaliofenusa) ulmi Sundevall, 1847: Georgian forests <1300 m asl., on *Ulmus*.

Fenusa (Fenusa) dohrnii (Tischbein, 1846): on *Alnus* near rivers and mountain streams <1150 m asl.

Heterarthrus flavicollis (Gussakovskij, 1947): Tbilisi 400-1000 m asl., 15. 05. 1980, on *Acer*; Tbilisi 470-850 m asl., Gori 480 m asl., Abastumani, 1300 m asl.

Heterarthrus microcephalus (Klug, 1818): Khashuri 709-750 m asl.; Tbilisi 400-1000 m asl., 17. 08. 1988, on *Salix*.

Subfamily: **Blennocampinae**

Ardis pallipes (Serville, 1823): fields, forest edge (listed as *Ardis brunniventris* Htg.).

Blennocampa phyllocolpa Viitasaari & Vikberg, 1985: forests, on *Rosa*.

Cladardis elongatula (Klug, 1817): Abkhazeti-Kakheti, 800 m asl., on *Rosa*.

Eupareophora exarmata (Thomson, 1871): Ajameti National Park 90 m asl., 15. 05. 1978, 1 male; Signnaghi, Tibaani 400-550 m asl.; Tetrtskaro 1250 m asl.; Tbilisi 400-1000 m asl., on *Fraxinus*.

Monardis plana (Klug, 1817): Akhaltsikhe 950-1150 m asl., 25. 05. 1975; Borjomi 800-1700 m asl., 15. 05. 1976, on *Rosa*.

Monophadnus longicornis (Hartig, 1837 auct. nec.): Tianeti, 13. 04. 1979, 2 males.

Tomostethus nigrinus (Fabricius, 1804): Tetrtskaro 1250 m asl., 14. 05. 1974; Signnaghi 700 m asl., 17. 05. 1974; Tbilisi 450-1000 m asl., 27. 06. 1975; Ajameti 90-114 m asl., 02. 06. 1976.

Subfamily: *Tenthredininae*

Macrophya (Macrophya) albicincta (Schrank, 1776): Borjomi, Tba, 18. 05. 1970, 2 males; Borjomi, Daba, 17. 05. 1970, 1 female; Bakuriani, Tba 1250 m asl., 18. 05. 1970, on flowers, Lagodekhi 350 m asl., on *Sambucus*.

Macrophya (Macrophya) annulata (Geoffroy, 1785): lowland and mountain forests on *Rosa*, *Rubus*,

Macrophya (Macrophya) blanda (Fabricius, 1775): Bakuriani, on *Umbelliferae*, 30. 06. 1970, 2 females, 1 male; Kazbegi, on, 25. 07. 1976, 5 females, 2 males; Daba, 17. 05. 1970, 1 male; Borjomi, Tba, 17. 05. 1970, 1 male; Borjomi, Tba, 18. 05. 1970, 2 females.

Macrophya (Macrophya) crassula (Klug, 1817): lowland and mountain forests on *Sambucus*.

Macrophya (Macrophya) diversipes (Schrank, 1782): Bakuriani, on *Umbelliferae*, 30. 06. 1970, 1 female.

Macrophya (Macrophya) montana ssp. *montana* (Scopoli, 1763): lowland and mountain regions, on *Rubus*.

Macrophya (Pseudomacrophya) punctumalbum (Linné, 1767): Bolnisi, on *Umbelliferae*, 17. 05. 1976, 2 female; Kazreti 450 m asl., on *Fraxinus*, Tbilisi 450-1000 m asl., Mtskheta 464m asl., Borjomi 800 m asl.

Macrophya (Macrophya) sanguinolenta (Gmelin, 1790): Daba, 17. 05. 1970, 1 female.

Rhogogaster viridis (Linné, 1758): Gulripshi 1350 m asl., 26. 07. 1975, on *Populus*, *Apiaceae* 1 female, Teberda, on *Umbelliferae*, 25. 07. 1967 (labelled as *Rhogogaster dryas* Benson),

Rhogogaster scalaris (Klug, 1817): Tbilisi 450-1000 m asl.; Kvareli 550 m asl.; Borjomi 700-900 m asl.; Lentekhi 1000 m asl., on *Populus* (labelled as *Rhogogaster viridis* L.),

Sciapteryx laeta Konow, 1891: Teberda, 2350 m asl., 29. 06. 1979, 1 female.

Sciapteryx semenowi Jakowlew, 1886: Teberda, 13. 04. 1979, 4 females, 1 male.

Tenthredo (Tenthredella) albopicta Puls, 1870: Bakuriani, 1900 m asl., 26. 06. 1970, 1 female.

Tenthredo (Tenthredo) arcuata Forster, 1771: Kazbegi, on *Umbelliferae*, 25. 07. 1976, 2 females, 1 male; Marneuli, Shaumiani, 20. 08. 1978, 1 female; Teberda, South orphanage, 2350 m asl., on *Umbelliferae*, 29. 06. 1979, 1 female; Teberda, Gonachkhir, 1730 m asl., on *Umbelliferae*, 26. 06. 1979, 2 female, 1 male; Teberda, Gonachkhir, 1900 m asl., on *Umbelliferae*, 24. 06. 1979, 1 male.

Tenthredo (Tenthredo) brevicornis (Konow, 1886): Bakuriani, 1900 m asl., on flowers, 26. 06. 1970, 1 female; Bakuriani, Spirit factory, on *Umbelliferae*, 30. 06. 1970, 1 female; Bakuriani, 26km, on *Umbelliferae*, 30. 06. 1970, 1 female; Kurtskhana, on *Umbelliferae*, 12. 05. 1970, 1 female (labelled as *Tenthredo acerrima* Bens.).

Tenthredo (Tenthredella) balteata Klug, 1817: Kazbegi, on *Umbelliferae*, 25. 07. 1976, 2 female.

Tenthredo (Tenthredella) caligator Eversmann, 1847: Bakuriani, on *Umbelliferae*, 30. 06. 1970, 3 female, 2 male; Teberda, on *Umbelliferae*, 24. 07. 1979, 3 female.

Tenthredo (Cephalodo) caucasica Eversmann, 1847: Bakuriani, on *Umbelliferae*, 1450 m asl., 27. 06. 1969, 1 female; Bakuriani, on *Umbelliferae*, 30. 06. 1970, 1 female, 1 male; Kazbegi, 25. 07. 1976, 1 female, 1 male; Teberda, 1730 m asl., on *Umbelliferae*, 26. 06. 1979, 1 female; Teberda, 2350 m asl., on *Umbelliferae*, 29. 06. 1979, 1 female.

Tenthredo (Tenthredella) fagi Panzer, 1798: Borjomi-Bakuriani 800-1850 m asl., on *Salix*, *Corylus*,

Tenthredo (Tenthredella) ferruginea Schrank, 1776: Bakuriani 1900 m asl., 26. 06. 1970, on *Apiaceae*.

Tenthredo (Tenthredella) oryssoides Jakowlew, 1888: Kazbegi, on *Umbelliferae*, 25. 07. 1976, 1 female; Teberda, Gonochkhar, 1900 m asl., on *Umbelliferae*, 24. 06. 1979, 1 female; Gulripshi, 720 m asl., 5. 08. 1975, 1 female, coll. N. Javelidze; Teberda: Olympic zone, 2350 m asl., 29. 06. 1979, 1 female (labelled as *Tenthredo discophora* Knw.).

Tenthredo (Elinora) koehleri Klug, 1817: Didi Tsemi, on flowers, 17. 05. 1970, 1 female.

Tenthredo (Tenthredo) liturata (Mocsáry, 1886): 26 km from Bakuriani, on *Umbelliferae*, 30. 06. 1970, 2 female, 1 male.

Tenthredo (Tenthredella) livida Linné, 1758: Bakuriani 1900 m asl., 26. 06. 1970, 1 female; Lentekhi, Moashi 1350 m asl., 22. 07. 1968 on *Apiaceae*

Tenthredo (Tenthredella) luteipennis Eversmann, 1847: Teberda Gonachkhar, 1730 m asl., on *Umbelliferae*, 26. 06. 1979. Bakuriani, Spirit factory, on *Umbelliferae*, 30. 06. 1970, 1 male; 2 female.

Tenthredo (Eurogaster) mesomela Linné, 1758: Bakuriani, Spirit factory, on *Umbelliferae*, 30. 06. 1970, 5 female, 1 male.

Tenthredo (Tenthredo) notha ssp. *notha* Klug, 1817: 26km from Bakuriani, on *Umbelliferae*, 30. 06. 1970, 1 female; 25km from Bakuriani, 1450 m asl., on *Umbelliferae*, 27. 06. 1969, 1 female (labelled as *Tenthredo perkinsi* Mor.).

Tenthredo (Temuledo) temula Scopoli, 1763: Bakuriani, 1900 m asl., flowers, 26. 06. 1970, 1 female; Teberda, Gonachkhar, on *Umbelliferae*, 24. 07. 1979, 2 female.

Tenthredo (Tenthredo) albiventris ssp. *albiventris* (Mocsáry, 1880): Bakuriani 26 km, on *Umbelliferae*, 30. 06. 1970, 2 females; Bakuriani, Spirit factory, on *Umbelliferae*, 30. 06. 1970, 2 females; Bakuriani, 1900 m asl., flowers, 26. 06. 1970, 2 females, 1 male; Teberda, Gonachkhit, on *Umbelliferae*, 2. 07. 1970, 1 female; Teberda, Gonachkhit, 1730 m asl., on *Umbelliferae*, 26. 06. 1979, 1 female; Teberda, Gonachkhit, on *Umbelliferae*, 24. 07. 1979, 3 females (labelled as *Tenthredo trivittata* Andr.) (Fig. 3).

Tenthredo (Tenthredella) velox Fabricius, 1798: Teberda, Gonachkhar, 1730 m asl., on *Umbelliferae*, 26. 06. 1979, 1 male.

Tenthredo (Tenthredo) vespa Retzius, 1783: Borjomi 800 m asl.; Khashuri 630 m asl.; Bakuriani 1700 m asl.; Abkhazeti 0-350 m asl., on various plants

Tenthredo (Maculedo) vestita André, 1881: Teberda Gonachkhar, 1900 m asl., on *Umbelliferae*, 24. 06. 1979, 1 female; Teberda Gonachkhar, 1730 m asl., on *Umbelliferae*, 26. 06. 1979, 1 female; Bakuriani, 25 km, 1450 m asl., on flowers, 27. 06. 1969, 1 male; Bakuriani, Spirit factory, on *Umbelliferae*, 30. 06. 1970, 1 male; Kazbegi, on *Umbelliferae*, 25. 07. 1976, 1 male (Fig. 4).

Tenthredopsis nassata (Linné, 1767): Kazbegi, on *Umbelliferae*, 25. 07. 1976, 1 female; Tbilisi, Dendropark, 20. 05. 1975, 1 male; Bakuriani, 1900 m asl., on flowers, 26. 06. 1970, 1 female.



Fig. 3: *Tenthredo (Tenthredo) albiventris* ssp. *albiventris* (Mocsáry, 1880)



Fig. 4: *Tenthredo (Maculedo) vestita* André, 1881

Subfamily: *Nematinae*

Eupontania vesicator (Bremi-Wolf, 1849): Tbilisi 450-100 m asl., Lagodekhi 420 m asl., Ozurgeti 120 m asl., Ipari 1600 m asl., on *Salix*.

Eupontania viminalis (Linné, 1758): near rivers and mountain streams, 250-1000 m asl., on *Salix*.

Cladius pectinicornis (Geoffroy, 1785): Terjola, Simoneti, 22. 04. 1979, 1 female.

Hoplocampa brevis (Klug, 1816): Gori, Tskhinvali, Borjomi, Manglisi, Tbilisi, 400-1200 m asl., on *Pyrus*.

Hoplocampa flava (Linné, 1760): Tbilisi 400-1000 m asl.; Gamarjveba 550 m asl., 08. 04. 1979, on *Prunus vachuschtii*, Gori 500 m asl.; Borjomi, Tbilisi, Manglisi 450-1200 m asl.

Hoplocampa minuta (Christ, 1791): Tbilisi, Gamarjveba 550 m asl., 08. 04. 1972, on *Prunus vachuschtii*.

Hoplocampa testudinea (Klug, 1816): Tbilisi 450 m asl.; Gori 480-500 m asl.; Manglisi 1200 m asl.; Tskhinvali 880 m asl., on *Malus domestica*.

Micronematus monogyniae (Hartig, 1840): Tbilisi 450 m asl.; Kiketi 1200 m asl., 14. 04. 1979, 1 female.

Phyllocolpa leucosticta (Hartig, 1837): Borjomi 800 m asl.; Bakuriani 1800 m asl. 18. 05. 1984, on *Salix*.

Pontania femoralis (Cameron, 1876) (listed as *Pontania robbinsi* Benson, 1935): Tbilisi 450-1000 m asl., on *Salix*.

Pontania proxima (Serville, 1823): Borjomi, 1986, on *Salix* near rivers and mountain streams.

Priophorus compressicornis (Fabricius, 1804): Khashuri, 1987, on *Prunus avium*, *Populus*.

Priophorus grandis (Serville, 1823): in mountain forests on *Populus tremula*, *Populus*.

Pristiphora conjugata (Dahlbom, 1835): Tianeti 1080 m asl., 13. 04. 1979, on *Apiaceae*.

Pristiphora ruficornis (Olivier, 1811): Algeti National Park 1100 m asl., 21. 06. 1978, on *Tilia*, 1 female.

Pristiphora subbifida (Thomson, 1871): Norio 850 m asl., 12. 04. 1979, on *Acer*.

Pteronidea fagi (Zaddach, 1876): Goderdzi pass 1900 m asl., 15. 06. 1970.

Pteronidea melanocephala (Hartig, 1837): Abkhazeti 800-1700 m asl., summer 1974, on *Populus tremula*.

Pteronidea papillosa (Retzius, 1783): Abkhazeti 1900 m asl., summer 1974, on *Populus tremula*, *Salix*, *Populus*.

Pteronidea oligospila (Förster, 1854): Kutaisi 100 m asl., 08. 07. 1973.

Pteronidea salicis (Linné, 1758): near Mtkvari 250-100 m asl., near Rioni 100-650 m asl., summer 1983.

Sharliphora nigella (Förster, 1854): Abastumani, 1300 m asl., Kurtskhana 1280 m asl., Akhaltsikhe 950-1200 m asl., on *Picea*.

Stauronematus platycerus (Hartig, 1840): Tbilisi 450-1000 m asl., on *Populus*.

Family: *Cephidae*

Syrista parreyssii (Spinola, 1843): Georgia 400-1000 m asl., on *Rosaceae*.

Family: **Orussidae**

Orussus abietinus (Scopoli, 1763): Tsagveri, 100 m asl., on flowers, 29. 05. 1968, 1 female.

Family: **Xiphydriidae**

Xiphydria picta Konow, 1897: Teberda, Gonachkhit, 1700 m asl., on *Abies* sp. 29. 06. 1979. 1 female.

Family: **Siricidae**

Urocerus argonautarum (Semenov, 1921): Teberda, Gonachkhir, 1750 m asl., on *Picea* or *Abies*, 26. 06. 1979, 9 females; Gulripshi, Azhara, 19. 07. 1975, 1 female.

Urocerus augur (Klug, 1803): Kazbegi, 25. 07. 1976, 1 female.

Urocerus gigas (Linné, 1758): *Adigeni*, on *Picea* sp. 01. 09. 1966, 1 female; Teberda, Gonachkhir, on *Abies* sp. 01. 08. 1967, 1 male.

Xeris spectrum (Linné, 1758): Teberda, Gonachkhir, on *Abies* sp. 1. 08. 1967, 1 male.

Discussion

These 115 species represents only a small slice of sawfly diversity of the Caucasus and Georgia. Since, they are from various provinces of the country and only 1-5 specimens were collected from each species, we can not conclude anything on the frequency and rarity of the species. The records on the plants, from which the sawflies were captured, are useful information to their maturation feeding or they could be even potential host plants either. The data of altitudes, provide valuable information on the vertical distribution of the Caucasian species.

Several species like: *Arge caucasica* Tournier, 1889, *Trichiosoma crassum* W.F. Kirby, 1882, *Sciapteryx semenowi* Jakowlew 1886, *Sciapteryx laeta* Konow 1891, *Tenthredo albopicta* Puls 1870, *Tenthredo caucasica* Eversmann 1847, *Tenthredo oryssoides* Jakowlew 1888, *Tenthredo albiventris* ssp. *albiventris* (Mocsáry 1880), *Tenthredo luteipennis* Eversmann 1847, *Tenthredo liturata* (Mocsáry 1886), *Tenthredo vestita* André 1881 and *Urocerus argonautarum* (Semenov 1921) has narrow distribution area and characteristic components for the fauna of the Caucasus. The proportion of these species is 10.4% of the total list. *Arge caucasica* Tournier 1889, *A. pagana* ssp. *pagana* (Panzer 1797), *Gilpinia virens* (Klug 1812), *Acantholyda posticalis* (Matsumura 1912), *Monostegia abdominalis* (Fabricius 1798), *Tenthredo albopicta* Puls 1870, *T. caucasica* Eversmann 1847, *T. oryssoides* Jakowlew 1888, *T. koehleri* Klug 1817 and *T. notha* Klug 1817 are new records for the fauna of Georgia.

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