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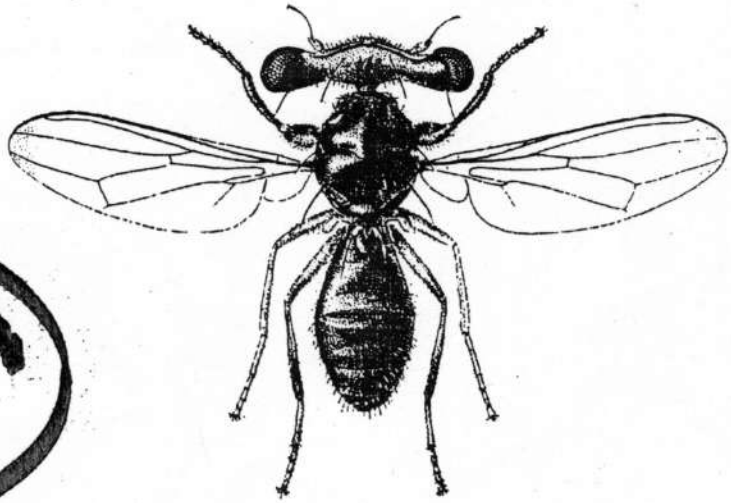

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Recent additions to the hoverflies (Diptera, Syrphidae) fauna of Latvia

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A new checklist of the Syrphidae found within the present borders of Latvia, which comprise 71 genera and 291 species are given; of these 9 species are new to the Latvian fauna.

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Key words: Diptera, Syrphidae, Latvia, checklist.

Introduction

Latvia has traditionally been a particularly well recorded region for Syrphidae with some major Latvian collectors, Z. D. Spuris, N. V. Kuznetzova, and S. Yu. Kuznetzov, collecting heavily in the area (cf. Spuris, 1956; Kuznetzov, 1982, 1983, 1984, 1985, 1986a, 1986b, 1987a, 1987b, 1987c, 1987d, 1988a, 1988b, 1989a, 1989b, 1992a, 1992b 1993a, 1993b; Kuznetzov & Kuznetzova, 1984). Over the past few years hoverflies recording in Latvia has continued and the species list now stands at 291. A checklist of Latvian hoverflies is given below.

Species previously unrecorded in Latvia

During 1990—1995 fieldwork by S. Yu. Kuznetzov, N. V. Kuznetzova and especially D. S. Kuznetzov, yielded a number of species previously unrecorded in Latvia:

Paragus finitimus Goeldlin de Tiefenau, 1971: 1 ♂, Inčukalns, 30.VI.1992 (S.Yu. Kuznetzov leg.); 1 ♂, 1 ♀, Inčukalns, 14.VI.1995 (D. S. Kuznetzov leg.), rare.

Par. majoranae Goeldlin de Tiefenau, 1971: 2 ♂, Inčukalns, 2.VII.1994 (D.S. Kuznetzov leg.), rare.

Platycheirus octomaculatus (von Roser) [= *P. europaeus* Goeldlin, Maibach & Speight]: 1 ♂, Inčukalns, 26.VI. 1992 (S. Yu. Kuznetzov leg.); 4 ♂, 3 ♀, Inčukalns, 29.VI.—7.VII.1992 (S. Yu. Kuznetzov & N. V. Kuznetzova leg.), uncommon.

P. occultus Goeldlin, Maibach & Speight, 1990: 1 ♂, 1 ♀, Inčukalns, 12.VI.1994, 2 ♂, 3 ♀, 22—25.VII. 1995 (D. S. Kuznetzov leg.), uncommon.

Melangyna lucifera Nielsen, 1980: 1 ♂, 1 ♀, NO Kišezers, Klipinas, 25.IV.1990, Salix sp. (S. Yu. Kuznetzov leg.), very rare.

Sphaerophoria bankowskae Goeldlin, 1989: 1 ♂, 30.VII.1995 (D. S. Kuznetzov leg.); very rare.

S. fatarum Goeldlin, 1989: 1 ♂, Inčukalns, 2.VI. 1994, 2 ♂, 2.VII, 23.VIII.1995 (D. S. Kuznetzov leg.), uncommon.

Xanthogramma stackelbergi Violovitsh, 1975: 1 ♂, 1 ♀, Inčukalns, 25.VI.1992 (S. Yu. Kuznetzov leg.), rare.

Eristalis picea (Fallén, 1817): 1 ♂, 1 ♀, NO Kišezers, Klipinas, 8.VI.1988, Ranunculus sp, (S.Yu. Kuznetzov leg.); 1 ♂, Inčukalns, 12.VI.1992 (S.Yu. Kuznetzov & N.V. Kuznetzova leg.), very rare.

Voucher specimens for all species are held at the author collection and at the Zoological Institute of the Russian Academy of Sciences.

A checklist of Latvian Syrphidae

SYRPHINAE

PARAGINI

***Paragus* Latr.**

P. albipes Gimmerthal
P. albifrons (Fll.)
P. bicolor (F.)
P. finitimus Goeldlin de Tiefenau

P. haemorrhous Mg.
P. majoranae Goeldlin de Tiefenau
P. quadrifasciatus Mg.
P. tibialis (Fll.)

BACCHINI
Baccha F.
B. elongata (F.)
B. obscuripennis Mg.

MELANOSTOMINI
Pyrophaena Schin.
P. granditarsis (Forster)
P. rosarum (F.)

Platycheirus Lep. et Serv.

P. ambiguus (F.)
P. angustatus (Zett.)
P. clypeatus (Mg.)
P. cyaneus (Müller)
P. albimanus (F.)
P. fulviventris (Mcq.)
P. immarginatus (Zett.)
P. jaerensis Nielsen
P. manicatus (Mg.)
P. occultus Goeldlin, Maibach & Speight
P. octomaculatus (von Roser)
P. europaeus Goeldlin, Maibach & Speight
P. peltatus (Mg.)
P. perpallidus Verr.
P. podagratus (Zett.)
P. scambus (Staeger)
P. scutatus (Mg.)
P. sticticus (Mg.)
P. tarsalis Schummel

Xanthandrus Verr.
X. comtus (Harris)

Melanostoma Schiner
M. mellinum (L.)
M. scalare (F.)

SYRPHINI
Leucozona Schiner
L. lucorum (L.)

Eriozona Schiner
E. syrphoides (Fll.)

Ischyrosyrphus Bigot
I. glaucius (L.)
I. laternarius (Müller)

Scaeva F.
S. albomaculata (Mcq.)
S. pyrastri (L.)
S. selenitica (Mg.)
S. selenitica baltica S. Kuzn.
S. selenitica rossica S. Kuzn.

Didea Mcq.
D. alneti (Fll.)
D. fasciata Mcq.
D. intermedia Loew

Dasysyrphus Enderlein
D. albostriatus (Fll.)
D. venustus (Mg.)
D. hilaris (Zett.)
D. friuliensis (v. d. Goot)
D. obscuratus (Ringd.)
D. pinastri (De Geer)
D. lunulatus auct., nec Meigen
D. postclaviger (St. et M.)
D. tricinctus (Fll.)

Megasyrphus D. et L.
M. erraticus (L.)
M. annulipes (Zett.)

Eupeodes O.-S.
Metasyrphus Mats.
E. corollae (F.)
E. lapponicus (Zett.)
E. latifasciatus (Mcq.)
E. lundbecki (Soot-Ryen)
E. luniger (Mg.)
E. nielseni (Dušek & Láska)
E. nitens (Zett.)
E. punctifer (Frey)

Parasyrphus Mats.
P. annulatus (Zett.)
P. lineolus (Zett.)
P. macularis (Zett.)
P. malinelllus (Collin)
P. nigritarsis (Zett.)
P. punctulatus (Verr.)
P. vittiger (Zett.)

Syrphus Fabricius
S. attenuatus Hiné
S. ribesii (L.)
S. torvus O.-S.
S. vitripennis (Mg.)

***Melangyna* Verr.**
M. arctica (Zett.)
M. barbifrons (Fll.)
M. cincta (Fll.)
M. compositarum (Verr.)
M. guttata (Fll.)
M. lasiophthalma (Zett.)
M. lucifera Nielsen
M. quadrimaculatum Verr.
M. umbellatarum (F.)

***Epistrophe* Walker**
E. annulitarsis (Stack.)
E. diaphana (Zett.)
E. eligans (Harris)
E. euchroma (Kowarz)
E. grossulariae (Mg.)
E. melanostoma (Zett.)
E. melanostomoides (Strobl)
E. nitidicollis (Mg.)
E. ochrostoma (Zett.)

***Meliscaeva* Frey**
M. auricollis (Mg.)
M. cinctella (Zett.)

***Episyrphus* Mats. & A.**
E. balteatus (Degeer)

***Sphaerophoria* Lep. et Serv.**
S. abbreviata Zett.
S. batava Goeldlin de Tiefenau
S. bankowskae Goeldlin de Tiefenau
S. fatarum Goeldlin de Tiefenau
S. indiana Bigot
S. loewi Zett.
S. menthastri (L.)
S. philantus (Mg.)
S. potentillae Claussen
S. rueppelii (Wiedemann)
S. scripta (L.)
S. taeniata (Mg.)
S. virgata Goeldlin de Tiefenau

***Doros* Mg.**
D. profuges (Harris)
D. conopseus (F.)

***Xanthogramma* Schiner**
X. festivum (L.)
X. citrofasciatum (De Geer)
X. pedissequum (Harris)
X. stackelbergi (Viol.)

CHRYSOTOXINI
***Chrysotoxum* Mg.**
C. arcuatum (L.)
C. festivum auct., nec Linnaeus
C. fasciatum (Müller)
C. arcuatum auct., nec Linnaeus
C. bicinctum (L.)
C. cautum (Harris)
C. fasciolatum (Degeer)
C. octomaculatum Curtis
C. vernale Loew
C. verralli Collin

PIPIZINAE
PIPIZINI
***Triglyphus* Loew**
T. primus Loew

***Trichopsomyia* Will.**
T. flavitarse (Mg.)
T. lucida (Mg.)

***Heringia* Rondani**
H. heringi (Zett.)

***Pipizella* Rd.**
P. maculipennis (Mg.)
P. viduata (L.)
P. varipes (Mg.)
P. virens (F.)

***Pipiza* Fll.**
P. austriaca Mg.
P. bimaculata Mg.
P. fasciata Mg.
P. fenestrata (Mg.)
P. lugubris (F.)
P. luteitarsis (Zett.)
P. noctiluca (L.)
P. notata Mg.
P. quadrimaculata (Panzer)
P. signata Mg.

***Neocnemodon* Goffe**
N. latitarsis (Egger)
N. pubescens (D.et P.-W.)
N. verrucula (Collin)
N. vitripennis (Mg.)

ERISTALINAE
BRACHYOPINI
***Hammerschmidtia* Schumm.**
H. ferruginea (Fll.)

***Brachyopa* Mg.**
B. bicolor (Fll.)
B. conica (Panzer)
B. dorsata Zett.
B. testacea (Panzer)

***Neoascia* Williston**
N. annexa Muller
N. geniculata (Mg.)
N. interrupta (Mg.)
N. meticulosa (Scopoli)
N. podagrica (F.)
N. tenur (Harris)
N. unifasciata (Strobl)

***Sphegina* Mg.**
S. claviventris Stack.
S. clunipes (Fll.)
S. sibirica Stack.
S. elegans Schummel
S. kimakowiczi Strobl

***Lejogaster* Rd.**
L. metallina (F.)
L. splendida (Mg.)

***Orthonevra* Mcq.**
O. elegans (Mg.)
O. erythrogona Malm
O. geniculata Mg.
O. intermedia Lundbeck
O. rossica Stack.
O. nobilis (Fll.)
O. plumbago Loew
O. stackelbergi Thmps. & Torp
O. splendens (Mg.)

***Chrysogaster* Mg.**
C. coemeteriorum (L.)
C. chalybeata Mg.
C. solstitialis (Fll.)

***Melanogaster* Mg.**
M. hirtella Loew
M. lucida (Scopoli)
M. viduata auct., nec Linnaeus
M. macquarti Loew

CHEILOSIINI
***Rhingia* Scopoli**
R. austriaca (Mg.)
R. campestris (Mg.)
R. rostrata (L.)

***Ferdinandea* Rd.**
F. cuprea (Scopoli)
F. ruficornis (F.)

***Cheilosia* Mg.**
Ch. albipila Mg.
Ch. albitarsis Mg.
Ch. angustigenis Beck.
Ch. antiqua Mg.
Ch. bergenstammi Beck.
Ch. canicularis (Panzer)
Ch. carbonaria Egg.
Ch. chloris (Mg.)
Ch. chrysocoma (Mg.)
Ch. cynocephala Lw.
Ch. flavipes Panz.
Ch. fraterna (Mg.)
Ch. frontalis (Loew)
Ch. gigantea (Zett.)
Ch. grossa (Fll.)
Ch. honesta Rd.
Ch. illustrata (Harris)
Ch. impressa Loew
Ch. ingrica Stack.
Ch. intonsa Loew
Ch. langhofferi Beck.
Ch. longula (Zett.)
Ch. mutabilis (Fll.)
Ch. morio (Zett.)
Ch. nigripes (Mg.)
Ch. pagana (Mg.)
Ch. pallipes Loew
Ch. proxima (Zett.)
Ch. pubera (Zett.)
Ch. rotundiventris Beck.
Ch. ruralis (Mg.)
Ch. sahlbergi Beck.
Ch. scutellata (Fll.)
Ch. sootryeni Nielsen
Ch. variabilis (Panzer)
Ch. velutina Loew
Ch. vernalis (Fll.)
Ch. vicina Loew
Ch. nasutula Beck.

***Chamaesyrphus* Mik**
C. caledonicus Collin
C. lusitanicus Mik
C. scaevoides (Fll.)

***Pelecocera* Mg.**
P. tricincta Mg.

VOLUCELLINI
***Volucella* Geoffroy**
V. bombylans (L.)
V. inanis (L.)
V. pellucens (L.)

SERICOMYIINI
Arctophila Schiner
A. superbiens (Müller)
A. mussitans (F.)
A. fulva (Harris)

Sericomyia Mg.
S. lappona (L.)
S. silentis (Harris)

PSARINI
Psarus Latr.
P. abdominalis (F.)

ERISTALINI
Eristalinus Rd.
E. sepulchralis (L.)
E. aeneus (Scopoli)

Eristalis Latr.
E. abusivus Collin
E. arbustorum (L.)
E. anthophorinus (Fll.)
E. cryptarum (F.)
E. horticola (De Geer)
E. intricarius (L.)
E. interrupta (Poda)
E. nemorum auct., nec Linnaeus
E. oestraceus (L.)
E. pertinax (Scopoli)
E. picea (Fll.)
E. pratorum Mg.
E. rossicus Stack.
E. rupium F.
E. tenax (L.)
E. vitripennis Strobl

Myiatropa Rd.
M. florea (L.)

Helophilus Mg.
H. affinis Wahlberg
H. hybridus Loew
H. trivittatus (F.)
H. parallelus (Harris.)
H. pendulus (L.)

Parhelophilus Girschner
P. consimilis (Malm)
P. frutetorum (F.)
P. versicolor (F.)

Anasimyia Schiner
A. contracta Claussen et Torp
A. interpuncta (Harris)
A. lineata (F.)
A. lunulata (Mg.)
A. transfuga (L.)

Mallota (Fll.)
M. cimbiciformis (Fll.)
M. megilliformis (Fll.)
M. tricolor Loew

MERODONTINI
Merodon Mg.
M. aeneus Mg.
M. equestris (F.)
M. spinipes (F.)

Eumerus Mg.
E. flavitarsis Zett.
E. ovatus Loew
E. sabulonum (Fll.)
E. sogdianus Stack.
E. strigatus (Fll.)
E. tuberculatus Rd.

Psilota Mg.
P. anthracina Mg.

MILESIINI
Blera Billberg
B. fallax (L.)

Criorhina Mg.
C. asilica (Fll.)
C. ranunculi (Panzer)

Tropidia Mg.
T. fasciata
T. scita (Harris)

Syritta Lep. et Serv.
S. pipiens (L.)

Xylota Mg.
X. abiens Mg.
X. coeruleiventris Zett.
X. curvipes Loew
X. florum (F.)
X. ignava (Panzer)
X. meigeniana Stack.
X. segnis (L.)
X. sylvarum (L.)
X. tarda Mg.

Chalcosyrphus Curran
C. femoratus (L.)
C. nemorum (F.)
C. piger (F.)

Brachypalpoides Hippa
B. lentus (Mg.)

Brachypalpus Mcq.
B. laphriformis (Fll.)

Sphecomyia Latr.
S. vespiformis Gorski

Spilomyia Mg.
S. diophthalma (L.)

Temnostoma Lep. et Serv.
T. apiforme (F.)
T. bombylans (F.)
T. meridionale Kriv. & Mamaev
T. vespiforme (L.)

Lejota Rd.
L. ruficornis (Zett.)

CERIOIDINI
Ceriana Rafinesque
C. conopsoides (L.)

MICRODONTINAE
MICRODONTINI
Microdon Mg.
M. devius (L.)
M. eggeri Mik
M. latifrons Loew
M. mutabilis (L.)

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