

Carles-Tolrá, 1994

LISTA PRELIMINAR DE 34 FAMILIAS DE DÍPTEROS ACALÍPTEROS DE CATALUÑA (ESPAÑA) (DIPTERA, ACALYPTRATA)

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ABSTRACT

Checklist of 34 families of acalyprate Diptera from Catalonia (Spain) (Diptera, Acalyprata). A list with 353 dipterous species (and subspecies) of Catalonia (northeast of Spain), belonging to 34 families of the Acalyprata-group, is presented. These families, ordered alphabetically, are: Acartophthalmidae, Anthomyzidae, Asteiidae, Aulacigasteridae, Camillidae, Campichoetidae, Carnidae, Chamaemyiidae, Chyromyidae, Coelopidae, Cryptochetidae, Curtonotidae, Diastatidae, Dryomyzidae, Heleomyzidae, Lauxaniidae, Lonchaeidae, Micropezidae, Milichiidae, Odiniidae, Opomyzidae, Otitidae, Pallopteridae, Periscelididae, Phaeomyiidae, Piophilidae, Platystomatidae, Psilidae, Sciomyzidae, Sepsidae, Sphaeroceridae, Tethinidae, Trixoscelididae and Ulidiidae.

For each species the Catalan provinces in which they were recorded are stated. A brief history of the study of these families in Catalonia is also presented, as well as the comparison of the Catalan fauna with that of other European countries, concluding that Catalan fauna is very poorly known. Finally, the dipterological knowledge of the four Catalan provinces is compared.

Key words: Diptera; Acalyprata; checklist; distribution; Spain; Catalonia.

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RESUMEN

Se presenta un listado de 353 especies (y subespecies) de dípteros de Cataluña, pertenecientes a 34 familias del grupo Acalyprata. Estas familias, ordenadas alfabéticamente son las siguientes: Acartophthalmidae, Anthomyzidae, Asteiidae, Aulacigasteridae, Camillidae, Campichoetidae, Carnidae, Chamaemyiidae, Chyromyidae, Coelopidae, Cryptochetidae, Curtonotidae, Diastatidae, Dryomyzidae, Heleomyzidae, Lauxaniidae, Lonchaeidae, Micropezidae, Milichiidae, Odiniidae, Opomyzidae, Otitidae, Pallopteridae, Periscelididae, Phaeomyiidae, Piophilidae, Platystomatidae, Psilidae, Sciomyzidae, Sepsidae, Sphaeroceridae, Tethinidae, Trixoscelididae y Ulidiidae.

LISTA DE ESPECIES

B = Barcelona, G = Girona, L = Lleida, T = Tarragona (las provincias en minúscula indican que se conocen únicamente de identificaciones dudosas).

/ = géneros/especies (por familia).

A la derecha de cada especie se enumeran las referencias bibliográficas de las cuales se han obtenido las provincias en las que se citan.

ACARTOPHTHALMIDAE 1/2

- Acartophthalmus bicolor* Oldenberg, 1910 B (7)
Acartophthalmus nigrinus (Zetterstedt, 1848) G (7)

ANTHOMYZIDAE 1/2

- Anthomyza albimana* (Meigen, 1830) B (7)
Anthomyza collini Andersson, 1976 BL (7)

ASTEIIDAE 2/3

- Asteia amoena* Meigen, 1830 BGL (7)
Leiomyza dudai Sabrosky, 1956 BG (7)
Leiomyza laevigata (Meigen, 1830) G (7)

AULACIGASTERIDAE 1/1

- Aulacigaster leucopeza* (Meigen, 1830) T (21)

CAMILLIDAE 1/4

- Camilla acutipennis* (Loew, 1865) T (21)
Camilla glabra (Fallén, 1823) B (8, 40)
Camilla nigritrons Collin, 1933 BL (8)
Camilla sabroskyi Papp, 1982 T (21)

CAMPICHOETIDAE 2/4

- Campichoeta grandiloba* McAlpine, 1962 G (8)
Campichoeta obscuripennis (Meigen, 1830) BG (8)
Campichoeta punctum (Meigen, 1830) BG (8, 24)
Euthychaeta spectabilis (Loew, 1864) G (24)

CARNIDAE 2/4

- Hemeromyia anthracina* Collin, 1949 B (7)
Meoneura acuticerca Gregor, 1973 B (7)
Meoneura carpathica Papp, 1977 B (7)
Meoneura exigua Collin, 1930 BG (7)
Meoneura flavifacies Collin, 1930 G (7)
Meoneura flavifrons Papp, 1981 G (7)
Meoneura freta Collin, 1937 B (7)
Meoneura hungarica Papp, 1977 BG (7)
Meoneura moravica Gregor & Papp, 1981 B (7)
Meoneura neottiophila Collin, 1930 BG (7)
Meoneura perlamellata Hennig, 1937 BT (7, 21)
Meoneura prima (Becker, 1903) BG (7)
Meoneura subfreta Papp, 1979 B (7)
Meoneura triangularis Collin, 1930 B (7)

CHAMAEMYIIDAE 3/15

- Chamaemyia flavigaster* (Strobl, 1902) B (15)
Chamaemyia geniculata (Zetterstedt, 1838) G (15)
Chamaemyia juncorum (Fallén, 1823) BGL (15, 58)
Chamaemyia polystigma (Meigen, 1830) BG (15, 19, 40, 58, 59)
Leucopis (Leucopis) albipuncta Zetterstedt, 1855 B (15)
Leucopis (Leucopis) annulipes Zetterstedt, 1848 B (15)
Leucopis (Leucopis) argentata Heeger, 1848 BL (15)
Leucopis (Leucopis) griseola (Fallén, 1823) BGL (40, 56, 59)
Leucopis (Leucopis) lusoria Meigen, 1830 B (59)
Leucopis (Leucopis) puncticornis Meigen, 1830 BG (15)
Leucopis (Leucopomyia) alticeps Czemy, 1936 B (15)
Leucopis (Neoleucopis) atratula (Ratzeburg, 1844) B (15)
Leucopis (Neoleucopis) obscura Haliday, 1833 B (15)
Parochthiphila (Euestelia) coronata (Loew, 1858) BGL (15, 58)
Parochthiphila (Euestelia) nigripes (Strobl, 1900) B (40, 59)

CHYROMYIDAE 3/4

- Aphaniosoma propinquans* Collin, 1949 B (8)
Chyromya femorella (Fallén, 1820) B (26)
Chyromya flava (Linnaeus, 1758) BT (8, 21)
Gymnochiromya mihalyii Soós, 1979 B (8)

COELOPIDAE 1/1

- Malacomyia sciomyzina meridionalis* (Rondani, 1868) G (15)

CRYPTOCHETIDAE 1/2

- Cryptochetum buccatum* Hendel, 1933 B (7, 13)
Cryptochetum jorgepastori Cadahia, 1984 B (7)

CURTONOTIDAE 1/1

- Curtonotum anus* (Meigen, 1830) B (1, 8, 13, 30)

DIASTATIDAE 1/1

- Diastata fuscula* (Fallén, 1823) BG (8)

DRYOMYZIDAE 1/2

- Dryomyza anilis* Fallén, 1820 BG (15)

omocera notata (Fallén, 1820) BG (1, 13, 15,
21, 29, 55)
ontrauhummi (Wiedemann, 1830) L. (56)
versa (Fallén, 1820) B (13, 15)

LONCHAEIDAE 5/6

- Dasiops latifrons* (Meigen, 1826) B (1, 9, 25, 40, 59)
Lamprylonchaea smaragdi (Walker, 1849) B (9, 13)
Lonchaea chorea (Fabricius, 1781) BGLT (9, 55)
Lonchaea stigmatica Czerny, 1934 B (9)
Protearomyia nigra (Meigen, 1826) bg (1, 27, 29)
Silba adipata McAlpine, 1956 B (9)

MICROPEZIDAE 2/4

- Compsobata cibaria* (Linnaeus, 1761) Bg (1, 13, 29)
Micropeza corrugolata (Linnaeus, 1767) B (1, 9, 25,
40, 59)
Micropeza grallatrix Loew, 1868 B (9)
Micropeza lateralis Meigen, 1826 BG (1, 19, 27, 38, 55)

MILICHIIDAE 5/9

- Desmometopa m-nigrum* (Zetterstedt, 1848) BG (7,
40, 59)
Desmometopa sordida (Fallén, 1820) BT (7, 21, 59)
Desmometopa varipalpis Malloch, 1927 B (7)
Leptometopa latipes (Meigen, 1830) B (7, 21, 59)
Leptometopa niveipennis (Strobl, 1900) B (40)
Madiza glabra Fallén, 1820 BG (7, 40, 59)
Milichia albomaculata (Strobl, 1900) B (7, 40)
Milichia speciosa Meigen, 1830 BG (1, 7, 27, 32,
38, 42, 56, 57)
Neophylomyza acyglossa (Villeneuve, 1920) BT (7, 21)

ODINIIDAE 1/1

- Odinia maculata* (Meigen, 1830) T (21)

OPOMYZIDAE 2/6

- Geomyza nartshukae* Carles-Tolrá, 1993 BGL (16)
Geomyza tripunctata Fallén, 1823 BGL (7, 19, 55,
56, 59)
Opomyza florum (Fabricius, 1794) BgL (1, 7, 13,
19, 36)
Opomyza germinationis (Linnaeus, 1758) BGL (1,
7, 19, 27, 28, 29, 30, 32, 33, 38, 55, 56, 57)
Opomyza petrei Mesnil, 1934 BG (7, 13)
Opomyza punctella Fallén, 1820 G (7)

OTITIDAE 5/11

- Cephalia rufipes* Meigen, 1826 B (49, 57)
Doryceria graminum (Fabricius, 1794) BL (1, 9,
13, 43, 49, 59)
Herina frondescensiae (Linnaeus, 1758) b (1, 38)
Herina germinationis (Rossi, 1790) BG (1, 55)
Herina lugubris (Meigen, 1826) BT (49, 56)
Herina paludum (Fallén, 1820) T (55)
Herina palustris (Meigen, 1826) BG (9)
Herina tristis (Meigen, 1826) B (9)
Myennis octopunctata (Coquebert, 1798) B (9)

Oties formosa

- (Panzer, 1798) b (1)

Oties maculipennis

- (Olivier, 1811) BT (9, 21)

PALLOPTERIDAE 2/4

- Palloptera marginata* (Meigen, 1826) bg (1, 28,
29, 31, 32, 36)

Palloptera umbellatarum

- (Fabricius, 1775) L (55)

Temnosira quinquemaculata

- (Macquart, 1835) B (9)

Temnosira trimacula

- (Meigen, 1826) bG (1, 29, 55)

PERISCELIDIDAE 1/1

- Periscelis annulata* (Fallén, 1813) B (11)

PHAEOMYIIDAE 1/1

- Pelidnoptera fuscipennis* (Meigen, 1830) B (20)

PIOPHILIDAE 7/7

- Liopiphila varipes* (Meigen, 1830) BGL (9)

Mycetaulus bipunctatus

- (Fallén, 1823) G (9)

Parapiophila vulgaris

- (Fallén, 1820) G (9)

Piophila casei

- (Linnaeus, 1758) B (1, 9, 38)

Prochyliza nigrimana

- (Meigen, 1826) B (9)

Protopiophila latipes

- (Meigen, 1838) BG (9)

Stearibia nigriceps

- (Meigen, 1826) BG (1, 9)

PLATYSTOMATIDAE 2/3

- Platystoma hegubre* (Robineau-Desvoidy, 1830) BG (9)

Platystoma regularum

- Loew, 1859 BT (1, 9, 21)

Rivellia syngenesiae

- (Fabricius, 1781) bgl (1, 28,

- 29, 30, 32, 38, 56)

PSILIDAE 4/13

- Chamaepsila clunalis* (Collin, 1944) B (20)

Chamaepsila limbatella

- (Zetterstedt, 1847) L (9)

Chamaepsila nigra

- (Fallén, 1820) G (9)

Chamaepsila nigricornis

- (Meigen, 1826) B (40, 59)

Chamaepsila pectoralis

- (Meigen, 1826) b (1)

Chamaepsila persimilis

- (Wakerley, 1959) G (9)

Chamaepsila rosae

- (Fabricius, 1794) B (9)

Chamaepsila sardoa

- (Rondani, 1876) B (59)

Chyliza (Chyliza) leptogaster

- (Panzer, 1798) B (9, 13)

Chyliza (Chyliza) nova

- Collin, 1944 B (9)

Chyliza (Dasyna) extenuata

- (Rossi, 1790) B (9, 13)

Loxocera albisetosa

- (Schrank, 1803) BG (1, 29, 55)

Psila fimetaria

- (Linnaeus, 1761) b (41)

SCIOMYZIDAE 14/32

Coremacera marginata

- (Fabricius, 1775) BGLt (1,

- 15, 28, 34, 35, 36, 37, 55)

Coremacera obscuripennis

- (Loew, 1845) B (15)