

CATALOGUE OF THE PALAEARCTIC SPECIES
OF THE *RHAMPHOMYIA* SUBGENUS *LUNDSTROEMIELLA*
(DIPTERA: EMPIDIDAE), WITH NEW DISTRIBUTION RECORDS

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Abstract: Catalogue of Palaearctic species of the *Rhamphomyia* Meigen, 1822 subgenus *Lundstroemiella* Frey, 1922 is given. New or first reliable distribution records are given for: *R. aterrima* Frey, 1922 (Switzerland), *R. australis* Frey, 1922 (Greece), *R. dudai* Oldenberg, 1927 (France, Estonia, Italy), *R. hybotina* Zetterstedt, 1838 (Norway), *R. longefilata* Strobl, 1906 (France), *R. rupestris* Oldenberg, 1927 (France), *R. sphenoptera* Loew, 1973 (Albania), and *R. strobli* Barták, 1985 (Italy).

Keywords: *Rhamphomyia*, *Lundstroemiella*, catalogue, distribution, Europe

INTRODUCTION

The species of the subgenus *Lundstroemiella* Frey, 1922, type species: *Rhamphomyia hybotina* Zetterstedt, 1838 (orig. des.), have been completely described or redescribed, illustrated and keyed by OLDENBERG (1927) and BARTÁK (1985, 1999, 2006). Altogether 21 Palaearctic species are currently assigned to this subgenus, all are confined to West part of Palaearctic region.

MATERIAL AND METHODS

Abbreviations used:

Distr. = distribution (ISO 3166–1 alpha–2 country codes are used), ? = unverified published records, AL = Albania, AT = Austria, BA = Bosnia and Herzegovina, BG = Bulgaria, DK = Denmark, IE = Republic of Ireland, EE = Estonia, CZ = Czech Republic, FI = Finland, FR = France, GE = Georgia, DE = Germany, GR = Greece, HR = Croatia, HU = Hungary, IT = Italy, SK = Slovakia, NO = Norway, PL = Poland, RO = Romania, RU = Russian Federation (only European part mention here, North, Central and South part treated separately), SI = Slovenia, ES = Spain, SE = Sweden, CH = Switzerland, TR = Turkey, GB = United Kingdom, UA = Ukraine, RS = Serbia and Montenegro, YU = Yugoslavia (in old boundaries).

Depositories: CULSP = Czech University of Life Sciences, Prague, DEI = Deutsches Entomologisches Institut, Müncheberg, MHNG = Muséum d'Histoire Naturelle, Geneva, MHNN = Muséum d'Histoire Naturelle, Neuchâtel, NMA = Naturhistorisches Museum, Admont, SMS = Staatliches Museum für Naturkunde, Stuttgart, UMO = University Museum, Oxford, ZMC = Zoological Museum, Copenhagen, ZMH = Zoological Museum, Helsinki, ZML = Zoological Museum, Lund, ZMUM = Zoological Museum, University of Moscow.

CATALOGUE

***Rhamphomyia (Lundstroemiella) aterrima* Frey, 1922**

Rhamphomyia (Lundstroemiella) aterrima Frey, 1922, Not. Ent., 2:3, type locality: Julische Alpen (= Julijske Alpe, Slovenia), lectotype deposited in ZMH; *Rhamphomyia (Lundstroemiella) aterrima* – BARTÁK (1985: 15, lectotype designation, redescription); *Lundstroemiella hybotinoides* Collin, 1969, Opusc. Ent., 34: 153, jun. syn., type locality: Lautaret (= Col du Lautaret, France), type deposited in UMO. Distr.: SI, AT, FR, IT, CH (first reliable record: VS, Gemmi, 2 200 m, 9.VII.1993, 1 ♂, leg. O. Mermod, coll. CULSP).

***Rhamphomyia (Lundstroemiella) australis* Frey, 1922**

Rhamphomyia (Lundstroemiella) hybotina var. *australis* Frey, Not. Ent., 2: 5; type locality: Görz (= Gorizia, Italy on boundary with Slovenia), lectotype deposited in ZMH; *Rhamphomyia (Lundstroemiella) subalpina* Oldenberg, 1927, Konowia, 6: 11, jun. syn., type locality: Ratzes (Italy), lectotype deposited in DEI; *Rhamphomyia (Lundstroemiella) australis* – BARTÁK (1985: 18, lectotype designation, redescription); Distr.: DE, AT, FR, CH, IT, SI, RO, GR (first record: Peloponese, Akharia: Helmos, 1 ♂, leg. R. Danielsson, coll. ZML), HR?

***Rhamphomyia (Lundstroemiella) brevistylata* Oldenberg, 1927**

Rhamphomyia (Lundstroemiella) brevistylata Oldenberg, 1927, Konowia, 6: 12, type locality: Vallombrosa (Italy), lectotype deposited in DEI; *Rhamphomyia (Lundstroemiella) brevistylata* Oldenberg, 1927 – BARTÁK (1985: 20, lectotype desig., redescription). Distr.: IT.

***Rhamphomyia (Lundstroemiella) cervi* Barták, 2006**

Rhamphomyia (Lundstroemiella) cervi Barták, 2006, Biológia, 61: 503, type locality: Var, Cavaliers Gorges du Verdon (France), holotype deposited in MHNG; Distr.: FR.

***Rhamphomyia (Lundstroemiella) cimrmani* Barták, 2006**

Rhamphomyia (Lundstroemiella) cimrmani Barták 2006, Biológia, 61: 504, type locality: Altinyaka (Turkey), holotype deposited in MHNG; Distr.: TR.

***Rhamphomyia (Lundstroemiella) dalmatica* Oldenberg, 1927**

Rhamphomyia (Lundstroemiella) dalmatica Oldenberg, 1927, Konowia, 6: 10, type locality: Ragusa (= Dubrovnik, Slovenia), lectotype deposited in DEI; *Rhamphomyia (Lundstroemiella) dalmatica* Oldenberg, 1927 – BARTÁK (1985: 21, lectotype designation, redescription). Distr.: AT, HR, SI.

***Rhamphomyia (Lundstroemiella) dudai* Oldenberg, 1927**

Rhamphomyia (Lundstroemiella) dudai Oldenberg, 1927, Konowia, 6: 16, type locality: Ilfeld (Germany), lectotype deposited in DEI; *Rhamphomyia (Lundstroemiella) dudai* Oldenberg, 1927 – BARTÁK (1985: 23, lectotype designation, redescription). Distr.: FI, CZ, SK, UA, DE, AT, RO, CH, FR (first record: Alp La Faurie, 7.VI.1994, 1 ♂, leg. J.–P. Haenni et Dufour, coll. CULSP), EE (first record: Sarene, Vijdnanjae reserve, 17.–18.VI.1966, 1 ♂, 1 ♀, leg. V. Kovalev, coll. ZMUM), IT (first record: Passo Sella, 8.VIII.1988, 1 ♂, leg. M. Barták, coll. CULSP), RS?, HU?, SE?, RU (North)?

***Rhamphomyia (Lundstroemiella) freyi* Barták, 1985**

Rhamphomyia (Lundstroemiella) freyi Barták, 1985, Acta Univ. Carolinae – Biologica, 1982–1984 (1985): 25 (description, male), type locality: Majella (Italy), holotype deposited in ZMH, *Rhamphomyia (Lundstroemiella) freyi* Barták, 1985 – BARTÁK (1999: 99, description of female); Distr.: IT.

***Rhamphomyia (Lundstroemiella) granadensis* Chvála, 1981**

Rhamphomyia (Lundstroemiella) granadensis Chvála, 1981, Steenstrupia, 7: 125, type locality: Rio Lanjaron, 9 km N of Orgiva (Spain), holotype deposited in ZMC; *Rhamphomyia (Lundstroemiella) granadensis* Chvála, 1981 – BARTÁK (1985: 26, redescription); Distr.: ES.

***Rhamphomyia (Lundstroemiella) hybotina* Zetterstedt, 1838**

Rhamphomyia hybotina Zetterstedt, 1838, Ins. Lapp., p. 571, type locality: Hacksten (Sweden), lectotype deposited in ZML; *Rhamphomyia tenuicornis* Zetterstedt, 1838, Ins. Lapp., p. 581, jun. syn., type locality: Hacksten (Sweden), lectotype (designated by BARTÁK 1999: 100), deposited in ZML; *Rhamphomyia (Lundstroemiella) hybotina* Zetterstedt, 1838 – BARTÁK (1985, redescription), BARTÁK (1999: 99, lectotype designation). Distr.: SE, FI, GB, DK (Faroe Is.), DE, CZ, SI, PL, SK, AT, RO, RS, CH, IT, NO (first reliable record: Abiskojojokk, 5.–17.VIII.1970, 1 ♂, 1 ♀, Kjelvandet, 13.VIII.1961, 1 ♀, – all leg. et coll. A. Pont), RU (North, Central)?, IE?

***Rhamphomyia (Lundstroemiella) kerteszi* Oldenberg, 1927**

Rhamphomyia (Lundstroemiella) kerteszi Oldenberg, 1927, Konowia, 6: 18, type locality: Brassó (= Braşov, Romania), lectotype deposited in DEI; *Rhamphomyia (Lundstroemiella) kerteszi* Oldenberg, 1927 – BARTÁK (1985: 30, lectotype designation, redescription); Distr.: CZ, SK, HU, RO, RS, BA, AL, GR, RU (South, Central), BU, GE.

***Rhamphomyia (Lundstroemiella) longefilata* Strobl, 1906**

Rhamphomyia (Lundstroemiella) longefilata Strobl, 1906, Mem. Real. Soc. Esp. Hist. Nat. Madrid, 3: 305, type locality: Ronda (Spain), lectotype deposited in NMA; *Rhamphomyia (Lundstroemiella) longefilata* Strobl, 1906 – BARTÁK (1985: 32, lectotype designation, redescription); Distr.: ES, GR, FR (first record: Montpellier, 4.IV.1986, 2 ♂, 1 ♀, leg. J.–P. Haenni, coll. MHNN, CULSP).

***Rhamphomyia (Lundstroemiella) magellensis* Bezzi in Frey, 1922**

Rhamphomyia (Lundstroemiella) magellensis Bezzi in Frey, 1922, Not. Ent., 2: 4, type locality: Julian Alps (= Julijske Alpe, Slovenia), lectotype deposited in ZMH; *Rhamphomyia (Lundstroemiella) magellensis* Frey, 1922 – BARTÁK (1985: 34, lectotype designation, redescription); Distr.: AT, CZ, SK, PL, IT, SI, CH.

***Rhamphomyia (Lundstroemiella) nigripes* Strobl, 1898**

Rhamphomyia (Lundstroemiella) nigripes Strobl, 1898, Mitt. Nat. Ver. Steirm., 34 (1897): 198, type locality: probably Scheibleggerhochalpe (Austria), lectotype deposited in NMA; *Rhamphomyia (Lundstroemiella) nigripes* Strobl, 1898 – BARTÁK (1985: 36, lectotype designation, redescription); Distr.: AT, SI, RS, IT, DE?

***Rhamphomyia (Lundstroemiella) olympiana* Barták, 1999**

Rhamphomyia (Lundstroemiella) olympiana Barták, 1999, Klapalekiana, 35: 95, type locality: Pieria, Mt. Olympos (Greece), holotype deposited in ZML; Distr.: GR.

***Rhamphomyia (Lundstroemiella) rupestris* Oldenberg, 1927**

Rhamphomyia (Lundstroemiella) rupestris Oldenberg, 1927, Konowia, 6: 8, type locality: Trafoi (Austria), lectotype deposited in DEI; *Rhamphomyia (Lundstroemiella) rupestris* Oldenberg, 1927 – BARTÁK (1985: 37, lectotype designation, redescription); Distr.: AT, CH, IT, FR (first record: Scentrier, VII.1999, 1 ♂, leg. Siffointe, coll. CULSP).

***Rhamphomyia (Lundstroemiella) sellaensis* Barták, 1999**

Rhamphomyia (Lundstroemiella) sellaensis Barták, 1999, Klapalekiana, 35: 97, type locality: Sella-Joch (Italy), holotype deposited in SMS; Distr.: IT (first record after description: Italy, Verona, 620 m, Lessini, Corso, 27.V.2001, 1 ♂ leg. B. Merz et Mason, coll. MHNG).

***Rhamphomyia (Lundstroemiella) speighti* Barták, 2006**

Rhamphomyia (Lundstroemiella) speighti Barták, 2006, Biológia, 61: 506, type locality: Var, Cavaliers Gorges du Verdon (France), holotype deposited in MHNG; Distr.: FR.

***Rhamphomyia (Lundstroemiella) sphenoptera* Loew, 1973**

Rhamphomyia (Lundstroemiella) sphenoptera Loew, 1973, Berlin. Ent. Ztg., 17: 40,

type locality: Herculesbad (= Baile Herculane, Romania), lectotype deposited in ZMB; *Rhamphomyia (Lundstroemiella) sphenoptera* Loew, 1973 – BARTÁK (1985: 39, lectotype designation, redescription); Distr.: RO, RS, AL (first record: Prokletije Mts, Boge, 1 500 m, 17.VI.1994, 1 ♂, leg. B. Mocek, coll. CULSP), HU?, HR?, IT?, GR?

***Rhamphomyia (Lundstroemiella) strobli* Barták, 1985**

Rhamphomyia hybotina var. *alpina* Strobl, 1893, Mitt. Nat. Ver. Steierm., 29 (1892): 47 (preocc. by *R. alpina* Zetterstedt, 1838), type locality: Scheibleggerhochalpe (Austria), lectotype deposited in NMA; *Rhamphomyia (Lundstroemiella) strobli* Barták, 1985 (replacement name) – BARTÁK (1985: 41, lectotype designation, redescription); Distr.: AT, RO, SK, BU, CH, IT (first record: Passo Sella, 8.VIII.1988, 8 ♂, 4 ♀, leg. M. Barták, coll. CULSP).

***Rhamphomyia (Lundstroemiella) tumiditarsis* Oldenberg, 1917**

Rhamphomyia tumiditarsis Oldenberg, 1917, Arch. Naturg., 82A (1916): 153, type locality: Tschamintal (= Val di Ciamin, Italy), lectotype deposited in DEI; *Rhamphomyia (Lundstroemiella) tumiditarsis* Oldenberg, 1917 – BARTÁK (1985: 43, lectotype designation, redescription); Distr.: IT, AT.

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