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FAUNISTIC RECORDS FROM CZECHOSLOVAKIA

Lepidoptera

Gracillariidae

Caloptilia robustella Jäckh, 1972. Moravia mer.: Pouzdřany (7065), 24. v. 1973, 1♂; Milovice (7166), 18. v. 1988, 1 ♂, lgt., det. et coll. A. Laštůvka. Known so far from central and northern Europe (Kuzněcov, 1981). In Czechoslovakia recorded from central Bohemia and Slovakia (Bengtsson et al., 1991; Patočka, Reiprich & Pastoralis, 1989). New species for Moravia.

Parectopa robiniella Clemens 1863. Moravia mer.: Hlohovec (7266), Valtice (7266), 27. ix. 1989, mines with larvae on *Robinia pseudoacacia* L., 2♂ emerged 1990. Slovakia occ.: Závod (7467), 1. x. 1989, mines with larvae on *Robinia pseudoacacia* L., 5♂, 9♀ emerged 1989, all lgt., det. et coll. A. Laštůvka. An introduced species of Nearctic origin, distributed over southern Europe. Reported from an unstated locality in Slovakia (Patočka, Reiprich & Pastoralis, 1989). New species for Moravia.

Bucculatricidae

Bucculatrix maritima Stainton, 1851. Moravia mer.: Sedlec near Mikulov (7266), 25. iii. 1989, larvae on *Tripolium pannonicum* (Jacq.) Dobroc., 16♂, 24♀ emerged 1989, lgt., det. et coll. A. Laštůvka. At present, this is the only locality in Czechoslovakia. In the literature only Skala's (1932) record from Lednice is available.

Lyonetiidae

Leucoptera aceris (Fuchs, 1903). Moravia centr.: Žárovice (6567), 28. viii. 1989, mines with larvae on *Acer campestre* L., 1♂ emerged 1990. Slovakia or.: Plešivec (7488), 15. ix. 1988, empty mines on *Acer campestre* L., all lgt., det. et coll. A. Laštůvka. Known from France, Germany and Poland (Buszko, 1981). New species for Czechoslovakia.

Leucoptera lustratella (Herrich-Schäffer, 1854). Moravia centr.: Žárovice (6567), 3. xi. 1988, mines with pupae, 1♂, 4♀ emerged 1989. Slovakia or.: Zádiel (7391), 25. x. 1989, mines with pupae, always on *Hypericum perforatum* L., all lgt., det. et coll. A. Laštůvka. Known from central Europe (Buszko, 1981). In Czechoslovakia it has been only reported from Praha and Libochovany in Bohemia (Sterneck & Zimmermann, 1933). New species for Moravia and Slovakia.

Leucoptera lotella (Stainton, 1858). Moravia centr.: Čelechovice n. H. (6468), 28. viii. 1988, mines with larvae on *Coronilla varia* L., 4♂, 6♀ emerged 1989. Slovakia occ.: Závod (7467), 16. ix. 1989, mines with larvae on *Tetragonolobus maritimus* (L.) Roth, 2♂ emerged 1990, all lgt., det. et coll. A. Laštůvka. Distributed over central and southern Europe (Buszko, 1981). In Bohemia it is known from Praha (Sterneck & Zimmermann, 1933), in Moravia from Střílky (Skala, 1914). New species for Slovakia.

Leucoptera heringiella Toll, 1938. Moravia centr.: Drahany (6567), 10. vii. 1988, larvae on *Chamaecytisus supinus* (L.) Link, 2♂ emerged vii. 1988; Ohrozim (6568), 10. v. 1988, 2♂, 4♀; Vranovice (6568), 25. v. 1988, 8♂, 3♀. Moravia mer.: Milovice (7166), 20. v. 1973, 1♂, all lgt., det. et coll. A. Laštůvka. Known from central and south-eastern Europe (Buszko, 1981). In Czechoslovakia it has been reported only from Slovakia: Spišská Nová Ves and Zelená hora (Reiprich & Okáli, 1988). New species for Moravia.

Lyonetia ledi Wocke, 1859. Bohemia mer.: Rapšach (7155), 20. vii. 1989, larvae on *Ledum palustre* L., 12♂, 8♀ emerged viii. 1989. Slovakia sept.: Suchá Hora (6684), 22. viii. 1989, vacated mines and pupae on *Ledum palustre* L., all lgt., det. et coll. A. Laštůvka. Distributed over northern and locally also central Europe (Buszko, 1981). In Czechoslovakia recorded only from Jestřebí (Zimmermann, 1934). New species for Slovakia.

Coleophoridae

Goniodoma auroguttella Zeller, 1849. Moravia centr.: Brno-Černá Pole (6765), larvae 25. ix. 1982 on seeds of *Atriplex tatarica* L., 1♂ emerged 1. viii. 1983; 25. vii. 1989, 1♂ in light trap. lgt., det. et coll. J. Marek. Occurs chiefly in southern Europe, the northernmost record being from Poland (Baldizzone, in litt.). In Czechoslovakia known from southern and eastern Slovakia (Reiprich & Janovský, 1981; Gottwald & Janovský, 1985; Pastoralis, 1988). New species for Moravia.

Coleophora siccifolia Stainton, 1856. Moravia occ.: Náměšť nad Oslavou (6862), 27. viii. 1982, cases on *Betula pendula* Roth, adults not emerged. Moravia centr.: Čelechovice n. H. (6468), 1. ix. 1988, one case on *Crataegus* sp., adult not emerged, all lgt., det. et coll. A. Laštůvka. Widely distributed in Europe; recorded in Czechoslovakia from northern Bohemia (Sterneck & Zimmerman, 1933) and from Slovakia (Reiprich & Janovský, 1981; Gregor et al., 1986; Reiprich & Okáli, 1989). New species for Moravia.

Coleophora trigeminella Fuchs, 1881. Bohemia or.: Koclífov (6165), v. 1988 cases on *Sorbus aucuparia* L., 1♂ emerged v. 1988, lgt., det. et coll. A. Laštůvka. Widely distributed in Europe, recorded in Czechoslovakia from southern Moravia (Gregor et al., 1984) and from eastern Slovakia (Reiprich, 1989). New species for Bohemia.

Coleophora idaeella Hofmann, 1869. Bohemia or.: Radostín (6361); Moravia occ.: Cikháj (6361), v. 1981, larvae on *Rhodococcum vitisidaea* (L.) Avr., adults emerged 1981, 3♂, 1♀, lgt., det. et coll. A. Laštůvka. Occurs in northern, western and central Europe (Baldizzone, in litt.). In Czechoslovakia known from northern Slovakia (Reiprich, 1983; Janovský & Reiprich, 1989). New species for Bohemia and Moravia.

Coleophora alcyonipennella (Kollar, 1832) (= *cuprariella* Zeller, 1847; *cuprifulgella* Toll, 1962). Bohemia centr.: Praha-Lhotka (5952), 4. vii. 1988, 1♀, 31. v. 1989, 4♂, lgt., det. et coll. J. Vávra. Bernartice (6356), 24–25. vii. 1982, 1♂, lgt. et col. J. Skyva, det. H. Patzak. Known from Europe, Asia Minor and Afghanistan (Patzak, 1974). From Czechoslovakia reported hitherto only from southern and eastern Slovakia (Pastoralis, 1988; Patočka, 1988). New species for Bohemia.

Coleophora chalcogrammella Zeller, 1839. Slovakia occ.: Závod (7468), larvae 19. v. 1984 on *Cerastium arvense* L., 1♀ emerged 25. vi. 1984; Lakšárska Nová Ves (7468), larvae 18. iv. 1988 on *Cerastium arvense* L. growing in sparse pine forest, adults emerged 2–12. vi. 1988, 1♂, 2♀, all lgt., det. et coll. J. Marek. Distributed over northern, western and central Europe and Romania (Baldizzone, in litt.). In Czechoslovakia known only from Bohemia (Sterneck & Zimmermann, 1933). New species for Slovakia.

Coleophora albidella (Denis & Schiffermüller, 1775). Moravia centr.: Hrdibořice (6569), 4. vii. 1984, one case on *Salix cinerea* L., lgt., det. et coll. A. Laštůvka. A species of wide distribution but occurring singly. In Czechoslovakia known from northern Bohemia (Sterneck & Zimmermann, 1933) and southern Slovakia (Reiprich, 1989). New species for Moravia.

Coleophora zelleriella Heinemann, 1854 (= *pannonicella* Gozmány, 1956). Slovakia occ.: Lakšárska Nová Ves (7468), 11. vii. 1984, 8♂, 1♀, light-trapped in sparse mixed forest not far from a brook, lgt. et col. J. Marek, det. H. Patzak. Widely distributed in Europe. In Czechoslovakia recorded from Praha (Sterneck & Zimmermann, 1933) and from southern Moravia (Zimmermann, 1923; Skala, 1942). New species for Slovakia.

Coleophora adjunctella Hodgkinson, 1882. Bohemia centr.: Praha-Modřany (6052), 12. vi. 1983, 1♀, lgt., det. et coll. J. Vávra. Widely distributed in Europe. In Czechoslovakia recorded from southern Moravia (Skala, 1932), northern and central Slovakia (Janovský & Gottwald, 1983; Patočka, 1988). New species for Bohemia.

Coleophora glaucicolella Wood, 1892. Moravia centr.: Tovačov (6569), 9. vi. 1988, 1♀, lgt., det. et coll. A. Laštůvka; Moravské Knínice (6665), 8. x. 1983, larvae on seeds of *Juncus* sp., adults emerged 21. vii.–5. viii. 1984, 4♂, 4♀; Košíky (6870), 13. x. 1983, larvae on seeds of *Juncus* sp., adults emerged 19. vi.–5. viii. 1984, 3♂, 9♀, lgt., det. et coll. J. Marek. Moravia mer.: Sedlec u Mikulova (7266), x. 1984, larvae on seeds of *Juncus* sp., adults emerged 30. v.–14. vii. 1985, 13♂, 11♀, lgt., det. et coll. J. Marek. The species is known from the whole of Europe and from Iran

(Patzak, 1974). From Czechoslovakia reported from central and southern Bohemia (Vávra, 1989) and several localities in Slovakia (Reiprich, 1977, 1983; Gregor et al., 1986; Panigaj, 1986; Patočka, 1988). New species for Moravia.

Coleophora sylvaticella Wood, 1892. Moravia centr.: Myslejovice (6568), 4. vi. 1985, 2♀, lgt., det. et coll. A. Laštůvka. The species has so far been found in western and central Europe and in Italy (Baldizzone, in litt.). In Czechoslovakia recorded from Týnec nad Sázavou (Soldát, 1980) and a number of localities in Slovakia (Čaputa, 1979; Reiprich, 1983, 1985; Panigaj, 1986; Patočka, 1988; Marek & Krampfl, 1990). New species for Moravia.

Coleophora pratella Zeller, 1871. Bohemia sept.: Antonínské údolí near Skuhrov (5763), 29. v. 1989, 3♂, 2♀, lgt. et coll. M. Rotter, det. A. Laštůvka. Moravia sept.: Hlučín (6075), 20. vi. 1987, 1♂, 1♀, lgt., det. et coll. A. Laštůvka. This species occurs in western, central and southern Europe. In Czechoslovakia reported from the western and central Slovakia (Janovský & Gottwald, 1984; Reiprich, 1984; Patočka, 1988). New species for Bohemia and Moravia.

Coleophora saxicolella (Duponchel, 1843) (= *flavaginella* sensu Toll, 1953; *benanderi* Kanerva, 1941). Bohemia centr.: Praha-Hlubočepy (5952), larvae in autumn 1988 on *Chenopodium album* L. in ruderal steppe habitat, adults emerged 6–14. viii. 1989, 3♀, lgt., det. et coll. J. Vávra. Known from Europe and Asia Minor (Patzak, 1974). In Czechoslovakia reported from several localities in Slovakia (Reiprich, 1988, 1989; Patočka, 1988). The species is probably rapidly spreading as a consequence of the spreading of its host plants (*Atriplex* sp. div., *Chenopodium* sp. div.) on ruderal areas. New species for Bohemia.

Coleophora versurella Zeller, 1849 (= *klimeschi* Vlach, 1942). Moravia mer.: Ivaň (7065), larvae 19. ix. 1983 on *Chenopodium album* L., adults emerged 1–20. viii. 1984, 3♂, 4♀, lgt., det. et coll. J. Marek. Widely distributed in Europe and Asia (Patzak, 1974). In Czechoslovakia known from central Bohemia (Vlach, 1942, 1950; Soldát, 1980) and several localities in Slovakia (Čaputa, 1977, 1979; Reiprich, 1983, 1985; Pastoralis, 1988; Patočka, 1988). New species for Moravia.

Coleophora absinthii Heinemann & Wocke, 1877. Moravia mer.: Pavlovské vrchy Hills, Děvín Hill (7165), larvae 2. x. 1988 on seeds of *Artemisia absinthium* L. on limestone slopes, adults emerged 7–21. viii. 1989, 5♀, lgt., det. et coll. J. Marek. Occurs in northern and central Europe and in the European part of the USSR (Baldizzone, in litt.). Toll (1953) reports its occurrence in Czechoslovakia, without stating data. The present record is the first documented from Czechoslovakia.

Coleophora adelogrammella Zeller, 1849 (= *separatella* Benander, 1939). Bohemia centr.: Măslovice (5852), 26. viii. 1989, 2♂, 1♀, lgt., det. et coll. J. Vávra. This species whose biology is little known has been reported from Austria and Scandinavia (Toll, 1953); according to Baldizzone (in litt.) it is known from southern and southwestern Europe and the European part of the USSR. According to Toll (1953) the larva lives on *Petrorhagia saxifraga* (L.) Link; in the Bohemian locality mentioned above, probably on *Dianthus carthusianorum* L. New species for Czechoslovakia.

Coleophora peribenanderi Toll, 1943 (= *benanderi* Toll, 1942 nec Kanerva, 1941). Bohemia occ.: Podstrání (5942), larvae in autumn 1988 on leaves of *Cirsium heterophyllum* (L.) Hill, adults emerged iv. 1989, 1♂, 1♀, lgt., det. et coll. J. Vávra. Bohemia sept.: Antonínské údolí near Skuhrov (5763), 12. vii. 1988, 3♂, 4♀, lgt. et coll. M. Rotter, det. A. Laštůvka. Moravia centr.: Horka nad Moravou (6369), Brodek near Prostějov (6668); Moravia mer.: Sedlec u Mikulova (7266), in all three localities larvae in spring 1988 on leaves of *Cirsium arvense* (L.) Scop., adults emerged vii. 1988, 2♂, 1♀, all lgt., det. et coll. A. Laštůvka. Widely distributed in Europe, in Czechoslovakia previously reported only from Slovakia (Reiprich, 1983, 1985; Patočka, 1988; Janovský & Reiprich, 1989). New species for Bohemia and Moravia.

Coleophora tolli Klimesch, 1951. Slovakia centr.: Velká Fatra Mts, Mt. Kozia skala (7079), larvae 25. v. 1986 on *Thymus* sp. on limestone slopes about 1000 m a.s.l., adults emerged vii. 1986, 2♀, lgt., det. et coll. J. Marek. Recorded so far only from Austria and Germany (Baldizzone, in litt.). New species for Czechoslovakia.

Coleophora expressella Klemensiewicz, 1902 (= *subdirectella* Kanerva, 1941). Bohemia centr.: Radotín (6051), 2. ix. 1981, 1♀ in a limestone rocky valley, lgt. et coll. J. Skyva, det. H. Patzak.

Occurs in Scandinavia, central Europe, Italy, Bulgaria and the European part of the USSR. In Czechoslovakia known from central Moravia and western Slovakia (Marek & Gregor, 1989). New species for Bohemia.

Coleophora adpersella Benander, 1939. Bohemia centr.: Praha-Trója (5852), 1. viii. 1988, 1♀; Praha-Modřany (6052), 27. vi. 1987, 1♂, 16. viii. 1988, 1♀; Praha-Hlubočepy (5952), 10. vii. 1989, 1♂; Hlásná Třebáň (6051), 9. vi. 1987, 1♂, all lgt., det. et coll. J. Vávra. Occurs almost widely in Europe except the southwest (Baldizzone, in litt.). In Czechoslovakia known from southern Moravia (Gregor et al., 1984, 1986) and southern Slovakia (Čaputa, 1970; Patočka, 1988). Hitherto not reported from Bohemia although probably widely distributed in ruderal steppe habitats. New species for Bohemia.

Coleophora squalorella Zeller, 1849. Bohemia centr.: Praha Modřany (6052), ix. 1986, numerous larvae on *Chenopodium album* L. in ruderal habitats, one male emerged 13. vii. 1987, lgt., det. et coll. J. Vávra. Occurs widely in most of Europe except in the southwest (Baldizzone, in litt.). In Czechoslovakia known from central and southern Moravia (Skala, 1932; Gregor et al., 1986) and southern and eastern Slovakia (Hrubý, 1964; Čaputa, 1970; Reiprich, 1977a; Pastoralis, 1988). The species is widely distributed due to rapid expansion of its host plants. New species for Bohemia.

Cosmopterigidae

Vulcaniella pomposella (Zeller, 1839). Moravia mer.: Popice u Znojma (7162), 27. iv. 1989, mines with larvae on *Helichrysum arenarium* (L.) Moench, 2♀ emerged 1989, lgt., det. et coll. A. Laštůvka. In Czechoslovakia previously known only from southern and eastern Slovakia (Reiprich & Okáli, 1989). New species for Moravia.

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Lepidoptera

Gracillariidae

Phyllonorycter anderidae (Fletcher, 1885). Bohemia sept., Doksy (5454), Břehyně-pond, Sphagnetum, 24. x. 1956, several mines on seedlings of *Betula pubescent*, 1♂ emerged 1. iii. 1957, lgt., det. et coll. F. Gregor; Staré Splavy (5453), 3. vii. 1985, mines collected on seedlings of *B. pubescent*, moths emerged 10.–18. vii. 1958, det. et coll. A. Laštůvka. *Ph. anderidae* has a continuous distribution in northern Europe only, its distribution being discontinuous in central Europe and restricted to peat bogs. New for Czechoslovakia.

Phyllonorycter medicaginella (Gerasimov, 1930). Slovakia mer., Kravany nad Dunajom (8276); Slovakia occ., Závod and Sekule (7468); Slovakia or., Zádiel (7391), vii.–x. 1987, all leg., det. et coll. A. Laštůvka. Widely distributed throughout Czechoslovakia, occurring in 3–4 generations. Larvae mine *Medicago* and *Melilotus*. New for Slovakia.

Phyllonorycter gerasimovi (Hering, 1930). Moravia mer., Mikulov (7165), Milovice (7166), October 1978 and 1986, mines on *Malus eusilvestris*, moths emerged in April after hibernation, all leg., det. et coll. A. Laštůvka. New for Czechoslovakia.

Phyllonorycter quinqueguttella (Stainton, 1851). Bohemia sept., Jestřebí (5353), 24. x. 1956, Phragmitetum, the mines are sporadic on *Salix repens*, moths emerged after hibernation, leg., det. et coll. F. Gregor. Slovakia mer., Čenkov (8277), October 1979, mines collected on *S. repens*, 1 imago emerged iv. 1980, leg., det. et coll. F. Gregor; at the same locality mines on *S. repens*, 8. vii. 1984, moths emerged 10.–14. vii. 1984, leg., det. et coll. A. Laštůvka. New for Bohemia.

Phyllonorycter scopariella (Zeller, 1846). Moravia occ., Velké Meziříčí (6662), 18. vi. 1984; Moravia centr., Brodek u Prostějova (6668), 18. vi. 1984; Myslejovice (6568), 25. v.–30. vi. 1986, all leg., det. et coll. A. Laštůvka. Bohemia mer., Pomezí pod Landštejnem (6967), in July of the years 1975–1986, leg., det. et coll. F. Gregor. Imagoes are found individually in growths of *Sarothamnus scoparius*. New for Moravia.

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