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FAUNISTIC RECORDS FROM THE CZECH REPUBLIC - 80

Plecoptera: Leuctridae

Leuctra armata Kempny, 1899. Bohemia or.: unnamed brook about 9 km from the source, Horní Lipka (5866), 605 m alt., 15.iv.1994, 2 females, 4 mature larvae, 30.iv.1995, 2 mature larvae, T. Soldán leg., det. et coll.; Moravia occ.: Stržský brook about 11.5 km from the source, Cikháj (6361), 650 m alt., 6.vi.1992, 4 larvae, J. Helešic leg., det. et coll.; Borovský brook about 5 km from source, Peršíkov (6380), 650 m alt., 4.xi.1994, 2 larvae, J. Helešic leg. det. et coll.; Moravia sept.: Moravice river source area, Velká Kotlina - Karlov (5969), 1100 m alt., 20.ix.1994, 1 female, 2 males, J. Helešic leg., det. et coll. *L. armata* is a subalpine - alpine species occurring in the Alps and the Carpathians. Solitary in the abundance, larvae prefer fast flowing smaller montane brooks with stony bottom; a single generation a year, adults fly in April, May and July (August) (Raušer 1956). Central European species, originally recorded from Switzerland (Aubert 1946, 1959), Austria (Kuehtreiber 1934) and Slovakia, from the High Tatra Mts. (Klapálek 1904, Pongrácz 1914, Hrabě 1942), never found in other mountain ranges. Raušer (1956, 1962a) found this species at 5 localities of smaller brooks in the Beskydy Mts. (the Carpathian mountain system) at the altitudes of 500-650 m contrary to the altitudes of 800-2600 m where this species lived in the Alps (Kuehtreiber 1934). Our localities closely resembe those of Raušer (1956) as far as the altitude, stream size and habitat are concerned. Although Raušer (1962b) premised that probably missing in the Jeseníky Mts., we found this species in central part of mountains. This species apparently penetraters the easternmost Hercynian mountain system (the Sudete and the Czech-Moravian highland orographic subsystems) from the Carpathian subarea and faunistic centre of its distribution. *L. armata* is new for Bohemia and the Labe river basin.

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