

Sborník příspěvků z konference pořádané Katedrou biologie a ekologie PřF OU:
„Změny životního prostředí a jejich bioindikace“, 25.–26.10.2001, Bartošovice.

Threatened bryophytes of Slezské Beskydy Mts., Czech Republic

Vítězslav PLÁŠEK

Silesian Museum Opava, Tyršova 1, CZ-746 46 Opava, Katedra biologie a ekologie, Přírodovědecká fakulta Ostravské univerzity, 30. dubna 22, 701 03 Ostrava, e-mail: Vitezslav.Plasek@osu.cz

Slezské Beskydy Mts. is a mountain range, belonging to the Western Carpathians, situated in the NE edge of the Czech Republic along the frontier towards Poland, and extending nearly to the Slovakian boundary. Larger part of the range lies in Poland, the Czech part occupies about 60 km².

The bryofloristic survey of Slezské Beskydy Mts. was carried out in 1997–2001. The bryoflora of the area can be viewed as rich, with the total of 286 species. The total number of recorded bryophytes, regarded as threatened according to the preliminary ‘Red Lists’ of bryophytes in the Czech Republic (VÁŇA 1993, 1995) accounts for 35, i.e. 12,3 % of the total.

Endangered taxa (10 species)

LIVERWORTS:

Riccardia multifida (L.) S. Gray

MOSSES:

Bryum klinggraeffii Schimp.

B. uliginosum (Brid.) Bruch et Schimp.

Buxbaumia viridis (Moug. ex Lam. et DC.) Brid. ex Moug. et Nestl.

Campylostelium saxicola (Web. et Mphr.) B.S. et G.

Hookeria lucens (Hedw.) Sm.

Hygrohypnum duriusculum (Hedw.) Loeske

Plagiomnium ellipticum (Brid.) T. Kop.

Weissia squarrosa (Nees et Hornsch.) C. Müll

Zygodon rupestris Schimp. ex Lor.

Vulnerable taxa (22 species)

LIVERWORTS:

Cephaloziella rubella (Nees) Warnst.

Jamesoniella autumnalis (DC.) Steph.

Jungermannia leiantha Grolle

J. subelliptica (Lindb. ex Kaal.) Lev.

Riccardia latifrons (Lindb.) Lindb.

Riccardia palmata (Hedw.) Carruth.

MOSSES:

Brachydontium trichodes (Web.) Milde

Bryum rubens Mitt.

Dicranella schreberiana (Hedw.) Dix.

Dicranoweisia cirrata (Hedw.) Lindb. ex Milde

Didymodon spadiceus (Mitt.) Limpr.

Ditrichum lineare (Sw.) Lindb.
Eurhynchium speciosum (Brid.) Jur.
Fissidens gracillifolius Brugg.-Nann. et Nyh.
F. viridulus (Sw.) Wahlenb.
Hypnum pallescens (Hedw.) Pal. Beauv.
Orthotrichum lyellii Hook. et Tayl.
O. obtusifolium Brid.
Platygyrium repens (Brid.) B., S. et G.
Pohlia andalusica (Hoehnel) Broth.
Syntrichia papillosa (Wils.) Jur.
S. virescens (De Not.) Ochyra

Insufficiently known taxa (3 species)

MOSSES:

Bryum tenuisetum Limpr.
Hypnum mamillatum (Brid.) Loeske
Schistidium dupretii (Thér.) W.A. Weber

The presented list of threatened species strictly follows the preliminary ‘Red Lists’ of bryophytes in the Czech Republic (VÁŇA 1993, 1995). Nevertheless some of the species (like *Bryum klinggraeffii*, *B. rubens*, *Dicranoweisia cirrata*, *Platygyrium repens*) seem to be more usual in the Czech Republic and they should be set aside from the next editions of the bryophyte ‘Red Lists’.

The current bryological research of the Slezské Beskydy Mts. was carried out as the grant project (No. KZ97P01OMG074) of the Ministry of Culture of the Czech Republic.