Revision of the genera *Cetrelia* and *Punctelia* (Lecanorales, Ascomycota) in Lithuania, with implications for their conservation

Martin KUKWA & Jurga MOTIEJŪNAITĖ


A revision of all available specimens has shown that the genus *Cetrelia* in Lithuania is represented by two species, *C. monachorum* and *C. olivetorum*. One specimen belonged to *Punctelia jeckeri*. The distribution and status of both genera in Lithuania are reviewed, distribution maps are provided, and the merits of the segregates for conservation measures are discussed. *Cetrelia monachorum* and *Punctelia jeckeri* are reported for the first time from Lithuania and from the Baltic states.

**Key words:** Lichens, chemotypes, Baltic states, Parmeliaceae.

**Introduction**

The foliose lichens *Cetrelia* W.L.Culb. & C.F.Culb. and *Punctelia* Krog are two genera in the family Parmeliaceae with punctiform pseudocyphellae, which are easily distinguished by their sparsely (*Cetrelia*) or richly (*Punctelia*) rhizinate lower surface of thalli. Although both genera were thought to be represented by only a few species in cool temperate regions, several taxa have been segregated on the basis of chemical or/and morphological characters (e.g. Culberson 1965, Culberson & Culberson 1968, 1976, Herk & Aptroot 2000, Obermayer 2007, Obermayer & Mayrhofer 2007, Sohrabi et al. 2007, Hawksworth et al. 2011) which differ mainly in size and shape of pseudocyphellae and development of soralia. In this paper we accept the latter viewpoint. All four species occurring