The moss *Thamnobryum neckeroides* (Neckeraceae) in Poland

Adam Stebel* & Grzegorz Vončina

**Abstract:** Stebel, A. & Vončina, G. 2018. The moss *Thamnobryum neckeroides* (Neckeraceae) in Poland. – Herzogia 31: 304–310.

The current distribution of *Thamnobryum neckeroides* in Poland is presented. This rare moss species is known from three localities in the Silesian Beskid and the Central Pieniny ranges of the Western Carpathians situated in the lower forest belt at an altitude 660–700 m. Recent changes in the moss flora of Poland are briefly discussed and considering all new additions and exclusions it consists of 706 species.


**Key words:** Carpathians, chorology, distribution, ecology, Pieniny, Silesian Beskid.

**Introduction**

Although *Thamnobryum neckeroides* (Hook.) E.Lawton is a large and handsome, dendroid moss (Fig. 1) which was described relatively early as *Hypnum neckeroides* Hook. (Hooker 1818), its global distribution has long remained poorly known. Until recently it was considered to be endemic to western North America (Lawton 1971), although Hooker (1818) in the original description indicated that the type material of the species originated from New Zealand. However, Drummond (1828) already pointed out that the type locality was incorrectly given in the protologue and in fact the original material was collected by A. Menzies from the northwestern coast of North America as indicated by notes of Hooker placed on the type material which is now housed in BM. The subsequent discovery of this species in Central Italy prompted Mastracci (2003) to make a worldwide revision of the herbarium specimens of *Thamnobryum* Nieuwl. and this resulted in many additional occurrences of the species at scattered stations throughout the Holarctic in Europe, Asia and eastern North America.

The work of Mastracci (2003) initiated the special interest in this species in various countries, especially in Europe, where this species was initially known from Italy, Germany and the Czech Republic (Mastracci 2003). As a result, *Thamnobryum neckeroides* was subsequently found in Austria (Köckinger et al. 2008, Schlüsslmayr 2012), Switzerland (Anonymous 2008),