

OCCURRENCE OF EUROPEAN THREATENED MOSS
***ANACAMPTODON SPLACHNOIDES* IN THE POLISH PART OF THE WESTERN**
BIESZCZADY MTS. (EASTERN CARPATHIANS)

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ABSTRACT: The paper provides a new site of European threatened moss *Anacamptodon splachnoides* (Brid.) Brid. in the Polish part of the Western Bieszczady Mts. Considering literature data, this moss is known from 3 sites on this area, two of them were discovered in the fifties of 20th century and recently have not been confirmed.

KEY WORDS: Bryophyta, mosses, threatened species, Western Bieszczady Mts, Carpathians, Poland.



Introduction

Anacamptodon splachnoides (Brid.) Brid. is a rare element of the bryoflora of Poland (Bednarek-Ochyra et al. 1994). Its occurrence is confined to old deciduous forest, mainly beech stands, thus it is considered as the primeval forest species (Stebel and Żarnowiec 2014). This species is strictly protected in Poland (Regulation ... 2014), threatened in Poland (Żarnowiec et al. 2004) and in Europe (Schumacker and Martiny 1995), both in the category E (endangered). In the last years in the whole part of the Polish part of the Carpathians this species was found only at two sites: in the Kamienica valley in the Gorce range (Stebel 2004) and in 'Źródlika Jasiołki' nature reserve in the Lower Beskid (Armata 2008).

New locality

New locality of *Anacamptodon splachnoides* (Fig. 1) was found on 16 June 2015. Its details are as follow: Western Bieszczady, Mt Patryja near former Rabe village, northern slope, near the summit, altitude 781 m, GPS: lat. 49°18'09.3"N, long. 2°15'35.5"E, ATMOS grid square: Gf 46, bark of *Fagus sylvatica* in old stand of beech forest, population area about 2 dm², with sporophytes.

In the Polish part of the Western Bieszczady *A. splachnoides* was known from two localities: Mt Rawka and Mt Dział (Lisowski 1956), from recently have not been confirmed (Stebel and Żarnowiec 2014). Current distribution of this species in the Western Bieszczady Mts. is presented on the Fig. 1.

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Fig. 1. Habitus of *Anacamptodon splachnoides* (photo by A. Stebel).



Fig. 2. Beech forest near the summit of Mt Patryja – site of *Anacamptodon splachnoides* (photo by A. Stebel, 16 June 2015).

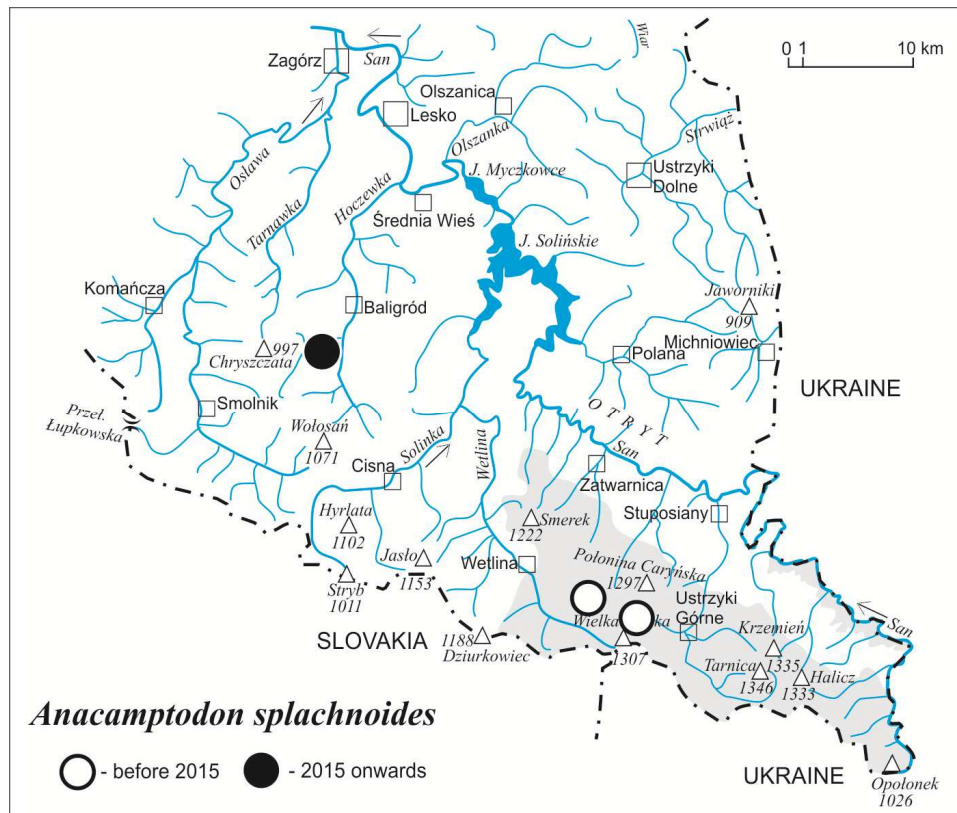


Fig. 3. Current distribution of *Anacamptodon splachnoides* in the Western Bieszczady (according to Stebel and Żarnowiec 2014, expanded).