

CALCICOLOUS SPECIES OF THE GENUS *CALOPLACA* IN THE POLISH WESTERN CARPATHIANS

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Abstract. This monograph is based on a revision of material from national and foreign herbaria and on the author's field study. Thirty-nine taxa of *Caloplaca* Th. Fr. were recognized in the Polish Western Carpathians: *C. albolutescens* (Nyl.) H. Olivier, *C. albopruinosa* (Arnold) H. Olivier, *C. arnoldii* subsp. *obliterata* (Pers.) Gaya, *C. arnoldiiconfusa* Gaya & Nav.-Ros., *C. atroalba* (Tuck.) Zahlbr., *C. aurea* (Schaer.) Zahlbr., *C. biatorina* (A. Massal.) J. Steiner, *C. chalybaea* (Fr.) Müll. Arg., *C. chrysodeta* (Vain. ex Räsänen) Dombr., *C. cirrochroa* (Ach.) Th. Fr., *C. citrina* (Hoffm.) Th. Fr., *C. coccinea* (Müll. Arg.) Poelt, *C. coronata* (Kremp. ex Körb.) J. Steiner, *C. crenulatella* (Nyl.) H. Olivier, *C. decipiens* (Arnold) Blomb. & Forssell, *C. dichroa* Arup, *C. dolomiticola* (Hue) Zahlbr., *C. flavescens* (Huds.) J. R. Laundon, *C. flavocitrina* (Nyl.) H. Olivier, *C. flavovirescens* (Wulfen) Dalla Torre & Sarnth., *C. holocarpa* (Ach.) A. E. Wade, *C. keissleri* (Servít) Poelt, *C. lactea* (A. Massal.) Zahlbr., *C. marmorata* (Bagl.) Jatta, *C. nubigena* (Kremp.) Dalla Torre & Sarnth., *C. oasis* (A. Massal.) Szatala, *C. percrocata* (Arnold) J. Steiner, *C. polycarpa* (A. Massal.) Zahlbr., *C. proteus* Poelt, *C. pseudofulgensia* Gaya & Nav.-Ros., *C. pusilla* (A. Massal.) Zahlbr., *C. saxicola* (Hoffm.) Nordin, *C. soralifera* Vondrák & Hrouzek, *C. teicholyta* (Ach.) J. Steiner, *C. variabilis* (Pers.) Müll. Arg., *C. velana* complex, *C. vitellinaria* Szatala, *C. xantholyta* (Nyl.) Jatta, and *C. xanthostigmoidea* (Räsänen) Zahlbr. Two species are new for Poland: *C. albolutescens* and *C. arnoldiiconfusa*. One is new for the Polish Carpathians: *C. crenulatella*. Many new regional records are given, helping to complete the geographical range of some poorly known taxa, such as *C. chrysodeta*, *C. polycarpa* and *C. xantholyta*. A few species were not confirmed from the study area: *C. alociza* (A. Massal.) Mig., *C. aurantia* (Pers.) Helb., *C. erythrocarpa* (Pers.) Zwackh, and *C. subochracea* (Wedd.) Werner. Detailed descriptions of all recognized species are provided, with illustrations, distribution maps and a key for species identification.

Key words: taxonomy, geographical distribution, Central Europe, new records

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