Published December 29, 2023

Klapalekiana, **59**: 321–324, 2023
ISSN 1210-6100

FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 551

Lepidoptera: Noctuidae

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Caradrina terrea Freyer, 1840. Bohemia bor., České Švýcarsko National Park, Jetřichovice env. (5152), 50°51′23.9″N 14°24′09.9″E, ca. 280 m a.s.l., 21.viii.2019, 2 ♂, collected by light trap, P. Halamová & R. Tropek leg., P. Potocký Jr. det., P. Potocký Sr. revid. et coll. (Fig. 3).

A xerothermophilic species of rocky and sandy habitats (Fibiger & Hacker 2007). The nominotypical subspecies occurs from south–eastern France, across southern parts of Central Europe (except Germany), the Balkan Peninsula (except Greece), and Ukraine, to Anatolia, southern Siberia, and northern Iran (Fibiger & Hacker 2007). From nearby countries, the species occurs in Austria (Malicky 2000, Huemer 2013), Hungary (Pastorális et al. 2016), and Slovakia (Pastorális et al. 2017). The first records for Czech Republic were made in the rocky outcrops close to Bítov Castle in 1962 (Marek & Starý 1967), and the species has been repeatedly confirmed in this area (Jordán 1990, Schmöger et al. 1990, Fajčík 1998). Šumpich (2011) stated that the species was widespread in the Podyjí National Park, especially in its northwestern part. Nevertheless, there are no published records from outside Moravia in the Czech Republic. The newly discovered population in north Bohemia region seems to be isolated from the currently known distribution of the species, especially considering that *C. terrea* Freyer, 1840 is not recorded from Germany (Gaedike et al. 2017) or Poland (Buszko & Nowacki 2017). Specimens were recorded in previously burnt forest on the edge of a sandstone outcrop. New species for Bohemia.

Bryopsis muralis (Forster, 1771). Bohemia bor., České Švýcarsko National Park, Vlčí Hora (5052), 50°55′40.9″N 14°26′01.7″E, ca. 405 m a.s.l., 22.vii.2019, 1 ♂, collected by light trap, P. Halamová & R. Tropek leg., P. Potocký Jr. det., P. Potocký Sr. revid. et coll. (Fig. 5).

A petrophilic species, distributed from Northern Africa and Southern Europe, across Western and Central Europe, up to Ireland, Great Britain, the Netherlands, and southern Sweden in the north (Fibiger et al. 2009). Old records from Asia Minor and the Near East probably refer to the related *B. amasina* (Draudt, 1931) (Hacker 1989, Fibiger et al. 2009), for which there are a few published records from Turkey (Baron 2014). Similarly, its south–east distribution in Europe, on the Balkan Peninsula, is uncertain because of possible misidentifications of the above-mentioned sibling species (Hacker 1989, Fibiger et al. 2009). Moreover, some recent studies have questioned the occurrence of *B. muralis* in the individual countries of the Balkan Peninsula (Beshkov 2017, Beshkov & Nahirnić 2018). It seems to be absent from Greece (Fibiger et al. 2009). From the nearby countries, the species was recorded in Austria (Huemer

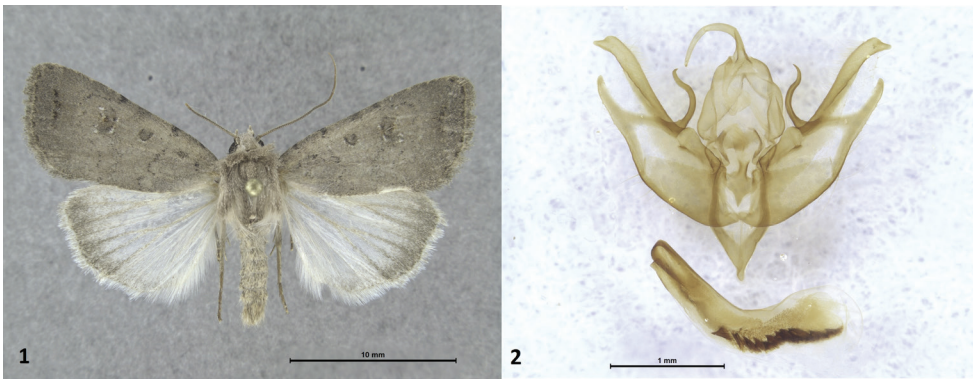


Fig. 1–2. 1 – Habitus of *Caradrina terrea* Freyer, 1840 from previously burnt forest in České Švýcarsko National Park near Jetřichovice. 2 – Male genitalia of *Caradrina terrea* Freyer, 1840, from specimen from the same locality. Photograph by Pavel Potocký Jr.
Fig. 1–2. 1 – Habitus druhu *Caradrina terrea* Freyer, 1840 z někdejšího lesního spáleniště v Národním parku České Švýcarsko u Jetřichovic. 2 – Samčí genitálie druhu *Caradrina terrea* Freyer, 1840 z jedince ze stejné lokality. Fotografie Pavel Potocký Jr.

2013), Germany (Ebert 1997, Gaedike et al. 2017), and Hungary (Pastorális et al. 2016). Its current occurrence in Slovakia is unlikely (Pastorális et al. 2013). Our specimen was recorded in a forest plot naturally recovering from an intensive fire. The disturbed open–canopy forest on sandstone bedrock corresponds to the habitat preferences of this species from the other countries of its occurrence (Fibiger et al. 2009). The new records of both species in this paper, *B. muralis* and *C. terrea*, indicate the potential of naturally disturbed sparse-canopy forests to host xerothermophilous species and increase regional biodiversity (Spitzer et al. 2008). New species for the Czech Republic.

ACKNOWLEDGMENTS. We are grateful to Pavla Halamová (Brandýs nad Labem, Czech Republic) for the specimens (sampled under permits from the České Švýcarsko National Park) and for information on the sampling sites, to Jiří Beneš (Institute of Entomology, České Budějovice, Czech Republic) and Zdeněk Laštůvka (Mendel University in Brno, Czech Republic) for discussion on the recorded species recent and historical distribution, to Michal Zapletal (Zlín, Czech Republic) for providing the bibliography, and to Robert Tropek (Charles University in Prague, Czech Republic) for his comments on earlier versions of our manuscripts and some additional information.

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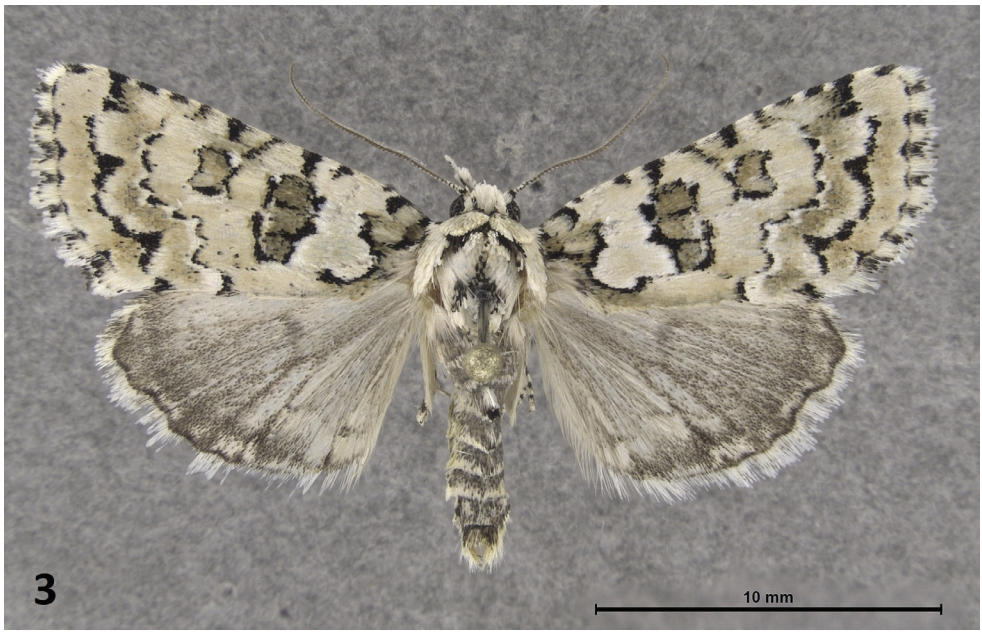


Fig. 3. Habitus of *Bryopsis muralis* (Forster, 1771) from previously burnt forest in České Švýcarsko National Park near Vlčí hora. Photograph by Pavel Potocký Jr.
Fig. 3. Habitus druhu *Bryopsis muralis* (Forster, 1771) z někdejšího lesního spáleniště v Národním parku České Švýcarsko u Vlčí hory. Fotografie Pavel Potocký Jr.

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