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NOTATKA / NOTE

New record of *Grammodes stolida* (FABRICIUS, 1775) (Lepidoptera: Erebidae) in Belarus

Nowe stanowisko *Grammodes stolida* (FABRICIUS, 1775) (Lepidoptera: Erebidae) na Białorusi

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ABSTRACT. New record of *Grammodes stolida* (FABRICIUS, 1775), a rare moth species in the fauna of Belarus, are presented. Specimen of the species were captured in August 2020 in Dobrush district (SE Belarus). Brief information about its known distribution and biology is given.

KEY WORDS: Geometrician, *Grammodes stolida,* new record, Belarus.

To date, 500 species of noctuids from the superfamily Noctuoidea have been recorded for Belarus (DERZHINSKY 2018, DERZHINSKY et al. 2026). The Geometrician *Grammodes stolida* (FABRICIUS, 1775) is a unique migrating species extremely rarely encountered in Belarus. It was recorded for the first time by SOLODOVNIKOV et al. (2001) based on the 3 specimens from P.A. DONOV's collection (Biological Museum of Vitebsk State University). It is possible that they were collected in northern Belarus, as the country lies on the migration routes of adult moths from southern Europe to the Baltic states and Fennoscandia. However, the publication does not provide any reliable locality data for these specimens, and therefore this record should be treated as doubtful. The first clearly documented Belarusian specimen of *G. stolida* was collected by students of Belarusian State University in August 2013 in the vicinity of Veprin (Cherykav district of Mogilev region) (DERZHINSKY & KULAK 2015).

In this note, the new record of *G. stolida* in Belarus is presented:

– UD-4d Belarus, 5 km W of Dobrush, 52.4158°N, 31.2293°E, on heather flowers on the edge of the power line clearing in the pine forest (Fig. 1), 16 VIII 2020, 1♂ (Fig. 2). A.M. OSTROVSKY leg. et det. The examined specimen is stored in the author's collection.



Fig. 1. Biotope in the collecting place *Grammodes stolida* (F.) (Dobrush district, SE Belarus).

Ryc. 1. Środowisko odłowu *Grammodes stolida* (F.) (Rejon Dobruski, płd.-wsch. Białoruś).

Grammodes stolida is a rare xerophilic species associated with dry steppe and forest-steppe environments. This is a characteristic moth for the subtropical zone of North Africa, South Europe and South Asia. It evinces a strong tendency for migration towards the north. Thus, it is encountered in Central Europe, sometimes even in North Europe during conducive weather conditions (NOWACKI 1998). The larvae feed on bramble (*Rubus* sp.), oak (*Quercus* sp.)

and a number of other plants. Adult moths tend to occur in May-June and August-September in the northern parts of its range, and are easily attracted to the light. Probably in the climatic conditions of Belarus species cannot overwinter (DERZHINSKY 2018).



Fig 2. *Grammodes stolida* (F.) – male, habitus (dorsal and ventral view).

Ryc. 2. *Grammodes stolida* (F.) – samiec, widok górnej i spodniej strony skrzydeł.

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