



## A NEW SPECIES OF *VICTRIX* STAUDINGER, 1879 FROM THE URAL MTS (LEPIDOPTERA, NOCTUIDAE)

Marek DVOŘÁK, Oleg PEKARSKY

Smrčná, Czech Republic: [dvorak.mark@seznam.cz](mailto:dvorak.mark@seznam.cz)  
Budapest, Hungary: [opbp@t-online.hu](mailto:opbp@t-online.hu)

DVOŘÁK, M. & PEKARSKY, O. 2020. A new species of *Victrix* Staudinger, 1879 from the Ural Mts (Lepidoptera, Noctuidae). *Entomofauna carpathica*, 32(1): 103-106.

**Abstract:** A new species of the *Victrix* (*Poliobrya*) *umovii* species-group, *V. surala* sp. n., from the southern Ural Mts is described. The diagnostic comparison is made with *V. (P.) umovii* (Eversmann, 1846).

**Key words:** Lepidoptera, Noctuidae, Bryophilinae, *Victrix*, *Poliobrya*, new species

### INTRODUCTION

*Poliobrya* Hampson, 1908 is a subgenus of *Victrix*, distributed from Northern Europe and the European part of Russia to Central Asia, Kazakhstan, Mongolia and Siberia. The taxonomic knowledge of *Poliobrya* has been increased in the last decades (VARGA & RONKAY 1989, VARGA & RONKAY 1991a,b, VOLYNKIN et al. 2019, and KOSHKIN & PEKARSKY 2020). Present paper contains the description of a new *Poliobrya* species from the *V. (P.) umovii* species-group.

**Abbreviations:** HNHM = Hungarian Natural History Museum Budapest (Hungary); OP = Oleg Pekarsky (Budapest, Hungary); AV = slide made by Anton Volynkin (Barnaul, Russia); MDS = Marek Dvořák (Smrčná, Czech Republic); PGM = Péter Gyulai (Miskolc, Hungary); NHMW = Naturhistorisches Museum Wien (Vienna, Austria).

### SYSTEMATIC PART

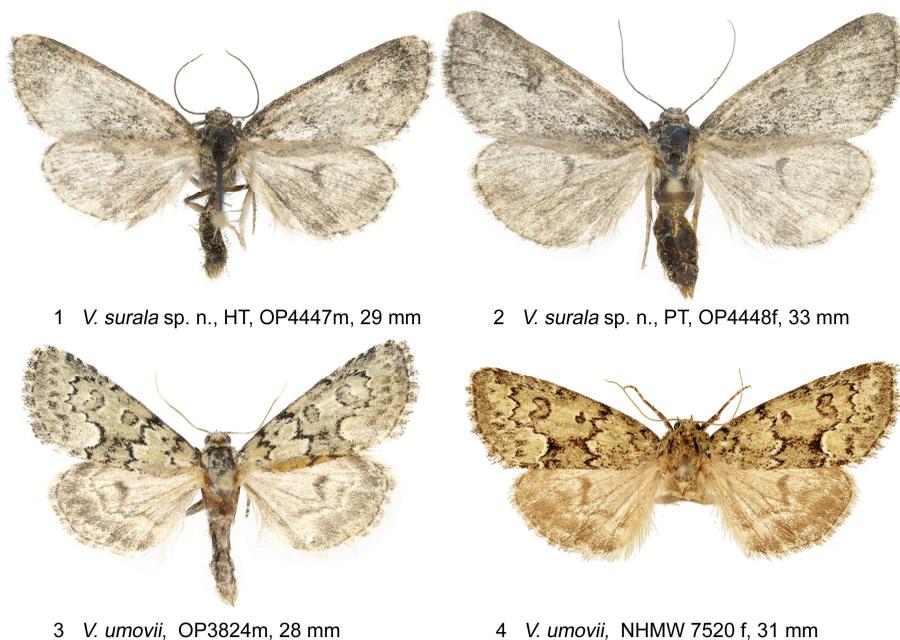
#### *Victrix* (*Poliobrya*) *surala* sp. n.

(Figs 1, 2)

**Type material examined. Holotype:** Male (Fig. 1), Russia, S Ural, Chelyabinsk – Bakal, 7 km SE of Bakal, 750 m, 13–14.VII.2011, leg. M. Dvořák, slide OP4447m (coll. M. Dvořák).

**Paratype.** 1 ♀, with the same data as Holotype, slide OP4448f (coll. M. Dvořák).

**Diagnosis.** The new species differs externally from *V. (P.) umovii* by its wider, more rounded, unicolorous dark grey forewings with diffuse, weakly expressed noctuid pattern, whereas the forewings of *V. (P.) umovii* are narrower, with more pointed apex, the forewing ground colour is green with strongly developed, sharp markings. The male genitalia of *V. (P.) surala* differ from those of *V. (P.) umovii* by the significantly larger size of the clasping apparatus, the less curved valva with shorter and stronger apical extensions, the longer uncus, the narrower, more elongated juxta and by the cornutus located on the terminal end of vesica. In *V. (P.) umovii*, the clasping apparatus is smaller, the costal margin of valva is more curved, its apical extensions are longer and finer, the uncus is shorter and laterally flattened, the juxta is broader and shorter, and the cornutus of the vesica is located on a distinct, well-developed terminal diverticulum.



**Figures 1–4.** *Victrix (Poliobrya)* spp, adults. **1.** *V. (P.) surala* sp. n., male, Holotype, Russia, South Ural (MDS); **2.** *V. (P.) surala* sp. n., female, Paratype, Russia, South Ural (MDS); **3.** *V. (P.) umovii*, male, Russia, Saratov distr. (PGM); **4.** *V. (P.) umovii*, female, Russia, Stavropol reg. (NHMW).

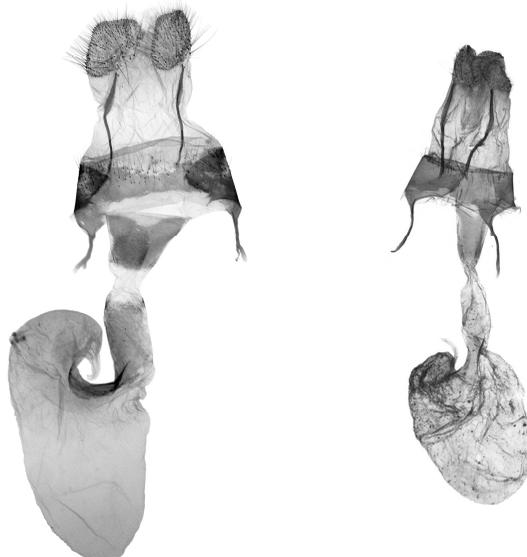
In the female genitalia of the new species (Fig. 7) the ventral plate of antrum is wider and proportionally shorter than in *V. (P.) umovii*, rather trapezoidal, with slightly incised posterior margin, the ductus bursae is more flattened and sclerotised, the appendix bursae is larger, rather croissant-shaped, ca one third as long as corpus bursae, the corpus bursae is oval-shaped, membranous, with

large, elongated, strongly sclerotized lamina in posterior part, bordering with appendix bursae; in addition, the anterior apophyses are short and thick, having bifurcated tips. The female genitalia of *V. (P.) umovii* have, in comparison, much narrower and proportionally longer ventral plate of antrum, less sclerotized, membranous posterior part of corpus bursae, smaller appendix bursae, more ovoid shape of corpus bursae, and longer, thinner anterior apophyses with simple tips.



5 *V. surala*, sp. n., HT, OP4447m

6 *V. umovii*, OP3824m



7 *V. surala* sp. n., PT, OP4448f

8 *V. umovii*, HT, AV1077

**Figures 5–8.** *Victrix (Poliobrya)* spp, male & female genitalia. **5.** *V. (P.) surala* **sp. n.**, Holotype, Russia, South Ural (MDS); **6.** *V. (P.) umovii*, Russia, Saratov reg. (PGM); **7.** *V. (P.) surala*, PT, Russia, South Ural (MDS); **8.** *V. (P.) umovii*, HT, Russia, “Simbirsk” (after VOLYNKIN et al. 2019) (ZISP).

**Description** (Figs 1, 2). Wingspan of the holotype male is 25 mm, that of the paratype female 33 mm. Ground colour of head, frons, collar, tegulae, mesothorax, forewings and abdomen dark grey. Forewing widely triangular with apex rounded. Wing pattern weakly developed, subbasal line dentate, antemedial line straight, oblique, postmedial and subterminal lines sinuous; terminal line consists of a row of black streaks. Reniform stigma dark fumous-grey with lighter medial area, orbicular stigma also dark with lighter scales in its centre. Cilia as ground colour. Hindwing brownish-grey, discal spot large, lunulate, marginal area darkened; cilia as ground colour.

**Male genitalia** (Fig. 5). Uncus strong, long, its tip finely pointed; tegumen broad, as long as vinculum; valva elongated, broad, nearly evenly wide along its full length, costal margin nearly straight, valval apex rather rounded, with short, spiniform extension; juxta elongated, bell-shaped. Aedeagus cylindrical, straight, long; vesica membranous, tubular, dilated distally, with lateral, elongated wrinkled area and long, needle-like, cornutus in subterminal area.

**Distribution.** Russia, South Ural.

**Etymology.** The species name refers to the type-locality of the taxon.

## ACKNOWLEDGEMENT

Authors grateful to Dr. László Ronkay (HNHM, Budapest) for reviewing the manuscript, Péter Gyulai (Miskolc, Hungary) for granted male of *V. (P.) umovii* for study; Martin Lödl and Sabine Gaal-Haszler (NHM Vienna) for access to the museum collection.

## REFERENCES

- BOURSIN, C. 1961. Drei neue paläarktische *Cryphia* Hb.-Arten. *Zeitschrift der Wiener Entomologischen Gesellschaft* 46: 133-144.
- KOSHKIN, E.S., PEKARSKY, O. 2020. *Victrix svetlanae* sp. n., a new species of Bryophilinae (Lepidoptera, Noctuidae) from Far East of Russia. *Zootaxa* 4750 (4): 585-590. doi: 10.11646/zootaxa.4750.4.9.
- VARGA, Z. & RONKAY, L. 1989. Taxonomical notes on the genus *Victrix* Staudinger, 1879 (Lepidoptera: Noctuidae). I. Description of a new subgenus, two new species and a new subspecies. *Nota Lepidopterologica* 12(1): 65-82.
- VARGA, Z. & RONKAY, L. 1991a. Taxonomical notes on the Genus *Victrix* Stgr. 1879. II. The subgenus *Rasihia* Koçak, 1989. *Nota Lepidopterologica* 14(2): 144-170.
- VARGA, Z. & RONKAY, L. 1991b. Taxonomic studies on the Palaearctic Noctuidae (Lepidoptera) I. New taxa from Asia. *Acta Zoologica Hungarica* 37(3-4): 263-312.
- VOLYNKIN, A.V., TITOV, S.V., ČERNILA, M., TRUUVERK, A., SALDAITIS, A. 2019. A new species of *Victrix* Staudinger, 1879 from Kazakhstan (Lepidoptera, Noctuidae). *Zootaxa* 4563(2): 325-336.