

<https://doi.org/10.25221/fee.393.4>

<http://zoobank.org/References/17A11B76-1A9C-4B64-851F-086C17CEEF95>

**TO THE KNOWLEDGE OF OTHOPTERA OF THE STOLIN DISTRICT
OF BREST OBLAST, REPUBLIC OF BELARUS**

O. V. Prischepchik¹⁾, S. Yu. Storozhenko²⁾

1) *Scientific and Practical Center of the National Academy of Sciences of Belarus for Bio-resources, Minsk, 220072, Republic of Belarus. E-mail: prischepchik@mail.ru*

2) *Federal Scientific Center of the East Asia Terrestrial Biodiversity, Far East Branch of the Russian Academy of Sciences, Vladivostok, 690022, Russia. E-mail: storozhenko@ibss.dvo.ru*

Summary. An annotated list of 23 species in 17 genera and 4 families of Orthoptera collected in Stolin district is given. It is 42 % of the species known from Belarus.

Key words: Orthoptera, fauna, new records, East Europe.

О. В. Прищепчик, С. Ю. Стороженко. К познанию прямокрылых насекомых (Orthoptera) Столинского района Брестской области, Республика Беларусь // Дальневосточный энтомолог. 2019. N 393. С. 24-28.

Резюме. Приводится аннотированный список 23 видов из 17 родов и 4 семейств прямокрылых насекомых, отмеченных в Столинском районе, что составляет 42 % от фауны всей Беларуси.

INTRODUCTION

Nowadays about 55 species of Orthoptera has been recorded from Republic of Belarus (Sergeeva *et al.*, 2013). The lists of species were published for Berezinsky biosphere National Park (Sergeeva & Lozinskaya, 2010; Sergeeva, 2016) and the National Park “Belovezhskaya pushcha” (Bubenko & Lukashuk, 2014; Bubenko, 2017), while the data on distribution of Orthoptera in other regions of Republic of Belarus are incomplete. In present paper we summarize faunistic data on Orthoptera of the central part of Belarussian Polesye. Stolin district is situated in the south-eastern part of the Brest oblast. It is the largest district of Republic of Belarus and includes the valleys of Horyn, Lva (Mostva) and Scviha rivers as well as Olmansk swamps. These swamps are one of the largest in Europe complex of the upland, transitory and lowland bogs. The bogs are overgrown with moss and birch. There are two types of meadows (dry grassland and water meadows). The sand dunes are covered by pine and broad-leaved forests.

All material was collected by first author (OVP) in 2018–2019. Latin names of taxa follow Cigliano *et al.* (2019).

LIST OF THE SPECIES

Family Tettigoniidae

Subfamily Phaneropterinae

***Phaneroptera falcata* (Poda, 1761)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 2♂♀; village Glinka, 8.VIII 2018, 1♀; village Berezhnoe, 8.VIII 2018, 1♂, 1♀; “Listyanki”, 51°52.594' N, 26°29.665' E, 8.VIII 2018, 1♂; vicinity of Davyd-Haradok, 2.VIII 2019, 2♂.

Subfamily Conocephalinae

***Conocephalus dorsalis* (Latreille, 1804)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 1♂; Olmansk swamps, “Stoyanka”, near river, 8.VIII 2018, 1♀.

***Conocephalus fuscus* (Fabricius, 1793)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 1♂; vicinity of Davyd-Haradok, 12.VI 2019, 2 larvae; same locality, 2.VIII 2019, 3♀.

Subfamily Tettigoniinae

***Tettigonia viridissima* Linnaeus, 1758**

MATERIAL. Stolin district: vicinity of Davyd-Haradok, 8.VIII 2019, 2 larvae.

***Bicolorana bicolor* (Philippi, 1830)**

MATERIAL. Stolin district: Olmansk swamps, “Stoyanka”, near river, 8.VIII 2018, 1♂.

Family Gryllidae

Subfamily Gryllinae

***Gryllus campestris* Linnaeus, 1758**

MATERIAL. Stolin district: Olmansk swamps, bogs, 1–13.VIII 2018, 2 larvae.

Family Tetrigidae

Subfamily Tetriginae

***Tetrix subulata* Linnaeus, 1758**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 1♂; “Listyanki”, 51°52.594' N, 26°29.665' E, 8.VIII 2018, 1♂; vicinity of Davyd-Haradok, 20.V 2019, 20♂, 4♀; same locality, 12.VI 2019, 5♂, 1♀; same locality, 18.VII 2019, 5♂, 3♀; same locality, 2.VIII 2019, 2♂, 6 larvae; same locality, 8.VIII 2019, 2♂.

Family Acrididae

Subfamily Calliptaminae

***Calliptamus italicus* Linnaeus, 1758**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 1♂, 1♀; village Berezhnoe, 8.VIII 2018, 1♀; “Listyanki”, 51°52.594' N, 26°29.665' E, 8.VIII 2018, 1♂, 1♀.

Subfamily Gomphocerinae

***Chrysochraon dispar* (Germar, 1834)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 1♂.

***Stenobothrus stigmaticus* (Rambur, 1838)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 1♂.

***Omocestus haemorrhoidalis* (Charpentier, 1825)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 1♂.

***Myrmeleotettix maculatus* (Thunberg, 1815)**

MATERIAL. Stolin district: Olmansk swamps, 11.VII 2018, 3♂, 1♀; Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 1♂; “Listyanki”, 51°52.594' N, 26°29.665' E, 8.VIII 2018, 2♂, 1♀.

***Glyptobothrus brunneus* (Thunberg, 1815)**

MATERIAL. Stolin district: Olmansk swamps, 11.VII 2018, 1♂, 1♀; village Berezhnoe, 8.VIII 2018, 1♂; Olmansk swamps, “Stoyanka”, near river, 8.VIII 2018, 2♂, 1♀; “Listyanki”, 51°52.594' N, 26°29.665' E, 8.VIII 2018, 7♂; vicinity of Davyd-Haradok, 8.VIII 2019, 1♂, 1♀.

***Glyptobothrus biguttulus* (Linnaeus, 1758)**

MATERIAL. Stolin district: Olmansk swamps, “Stoyanka”, near river, 8.VIII 2018, 1♂; “Listyanki”, 51°52.594' N, 26°29.665' E, 8.VIII 2018, 3♂; village Glinka, 8.VIII 2018, 6♂, 7♀; village Berezhnoe, 8.VIII 2018, 7♂, 2♀; vicinity of Davyd-Haradok, 18.VII 2019, 1♂.

***Glyptobothrus mollis* (Charpentier, 1825)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 11.VII 2018, 1♂, 2♀; Olmansk swamps, “Stoyanka”, near river, 8.VIII 2018, 1♂.

***Chorthippus albomarginatus* (De Geer, 1773)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 10♂, 7♀; Olmansk swamps, bogs, 1–13.VIII 2018, 2♂; Olmansk swamps, “Stoyanka”, near river, 8.VIII 2018, 1♂; village Glinka, 8.VIII 2018, 3♂, 3♀; vicinity of Davyd-Haradok, 2.VIII 2019, 5♀.

***Chorthippus dorsatus* (Zetterstedt, 1821)**

MATERIAL. Stolin district: village Glinka, 8.VIII 2018, 2♂, 3♀.

***Chorthippus apricarius* (Linnaeus, 1758)**

MATERIAL. Stolin district: Olmansk swamps, 11.VII 2018, 5♂, 3♀.

***Chorthippus parallelus* (Zetterstedt, 1821)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 1♀; Olmansk swamps, bogs, 1–13.VIII 2018, 1♀.

Subfamily Locustinae

***Aiolopus thalassinus* (Fabricius, 1781)**

MATERIAL. Stolin district: “Listyanki”, 51°52.594' N, 26°29.665' E, 8.VIII 2018, 1♂.

***Stethophyma grossum* (Linnaeus, 1758)**

MATERIAL. Stolin district: village Glinka, 8.VIII 2018, 2♂; Olmansk swamps, “Stoyanka”, near river, 8.VIII 2018, 2♂.

***Locusta migratoria* Linnaeus, 1758**

MATERIAL. Stolin district: Olmansk swamps, 11.VII 2018, 1 larva; Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 2 larvae.

***Oedipoda caerulescens* (Linnaeus, 1758)**

MATERIAL. Stolin district: Olmansk swamps, 51°52.021' N, 27°27.968' E, 23.VII 2018, 8♂, 1♀; Olmansk swamps, “Stoyanka”, near river, 8.VIII 2018, 7♂, 2♀; village Berezhnoe, 8.VIII 2018, 1♂; “Listyanki”, 51°52.594' N, 26°29.665' E, 8.VIII 2018, 3♂, 1♀.

CONCLUSION

Totally 23 species in 17 genera and four families of Orthoptera are recorded from Stolin district in present paper for the first time. It is almost the same as in “Belovezhskaya pushcha” Park (20 species from 18 genera, see Bubenko, 2017), but considerably less than in Berezinsky Park (38 species from 23 genera, see Sergeeva, 2016). Nevertheless, the diversity of Orthoptera in Stolin district consists of 42 % species known from Belarus, while the representatives of the families Gryllotalpidae and Myrmecophilidae don't found in the central part of Belarussian Polesye.

ACKNOWLEDGEMENTS

The project was supported in part by the Belarusian Republican Foundation for Fundamental Research (No. Б18Р–129) for OVP and by the Russian Found of Basic Research (No. 18–54–00011 Бел_а) for SYS.

REFERENCES

- Bubenko, A.N. 2017. Order Orthoptera. P. 21–24. In: *Catalogue of insects of the National Park "Belovezhskaya pushcha"*. Minsk. 344 pp. [In Russian]
- Bubenko, A.N. & Lukashuk, A.O. 2014. New for territory of Belovezhskaya pushcha species of Orthoptera. P. 45–50. In: *Specially protected nature territories of Belorussia. Investigations. Vol. 9*. Minsk. 324 pp. [In Russian]
- Cigliano, M.M., Braun, H., Eades, D.C., & Otte, D. 2019. *Orthoptera Species File Online. Version 5.0/5.0*. Available from: <http://Orthoptera.SpeciesFile.org>. (Accessed: 30 June 2019).
- Sergeeva, T.P. 2016. Order Orthoptera Oliver, 1789. P. 22–25. In: *Biological diversity of Berezinsky biosphere National Park: Collembola and Insecta*. Minsk. 352 pp. [In Russian]
- Sergeeva, T.P. & Lozinskaya, O.V. 2010. Appraisalment of Orthoptera communities in the Berezinsky biosphere National Park. P. 116–127. In: *Specially protected nature territories of Belorussia. Investigations. Vol. 5*. Minsk. 242 pp. [In Russian]
- Sergeeva, T.P., Smirnova, T.P. & Lozinskaya, O.V. 2013. Orthoptera of the protected nature territories of Belarus. *Ecological Bulletin*, 2(24): 22–27. [In Russian]

© **Far Eastern entomologist (Far East. entomol.)** Journal published since October 1994.

Editor-in-Chief: S.Yu. Storozhenko

Editorial Board: A.S. Lelej, S.A. Belokobylskij, M.G. Ponomarenko, E.A. Beljaev, V.A. Mutin, E.A. Makarchenko, A.V. Gorochof, T.M. Tiunova, M.Yu. Proshchalykin, S.A. Shabalin

Address: Federal Scientific Center of the East Asia Terrestrial Biodiversity (former Institute of Biology and Soil Science), Far East Branch of the Russian Academy of Sciences, 690022, Vladivostok-22, Russia.

E-mail: storozhenko@biosoil.ru

web-site: <http://www.biosoil.ru/fee>