

First record of *Sphinxis cryptica* Kojima & Morimoto, 2000 (Coleoptera, Curculionidae) from Russia

Первая находка *Sphinxis cryptica* Kojima & Morimoto, 2000 (Coleoptera, Curculionidae) в России

A.A. Legalov

A.A. ЛЕГАЛОВ

Institute of Systematics and Ecology of Animals, Siberian Branch of Russian Academy of Sciences, Frunze Str. 11, Novosibirsk 630091 Russia; Altai State University, Lenina Str. 61, Barnaul 656049 Russia; Tomsk State University, Lenina Pr. 36, Tomsk 634050 Russia. E-mail: fossilweevils@gmail.com.

Институт систематики и экологии животных СО РАН, ул. Фрунзе 11, Новосибирск 630091 Россия; Алтайский государственный университет, ул. Ленина 61, Барнаул 656049 Россия; Томский государственный университет, пр. Ленина 36, Томск 634050 Россия.

Key words: Curculionoidea, Curculioninae, Anoplini, new record, Primorskii Krai.

Ключевые слова: Curculionoidea, Curculioninae, Anoplini, новая находка, Приморский край.

Abstract. The weevil *Sphinxis cryptica* Kojima & Morimoto, 2000 is recorded for Primorskii Krai for the first time. A map for the species distribution is given.

Резюме. Приводится первая находка *Sphinxis cryptica* Kojima & Morimoto, 2000 в Приморском крае. Дается также распространение этого вида.

Introduction

The Curculionid beetles have been fairly well studied in Siberia and the Russian Far East [Legalov, 2020a, 2022d]. However, every year new records [Legalov, 2021b,e, 2022c, 2023b–f, 2024a–c; Legalov, Dubatolov, 2021a–b, 2022; Legalov, Kuberskaya, 2021; Legalov, Reshetnikov, 2021a–c, 2022a–e, 2023; Dedyukhin, Korotyaev, 2021; Korotyaev, 2021b, 2022; Korotyaev, Dorofeyev, 2021; Korotyaev, Kurbatov, 2021; Korotyaev et al., 2021b; Galich, Legalov, 2022; Legalov et al., 2022, 2023; Legalov, Sergeev, 2022; Legalov, Stolbov, 2022a–b; Sergeeva, Dedyukhin, 2022, 2024; Dedyukhin, 2023a–b; Korotyaev, Efimov, 2023] and even new species [Legalov, 2020b, 2021a,c,d,f, 2022a–b, 2023a, 2024d; Legalov, Reshetnikov, 2020; Korotyaev, 2021a; Korotyaev, Khruleva, 2021; Korotyaev et al., 2021a, 2023; Makarov et al., 2023] are published every year. Research on this economically important group continues. The genus *Sphinxis* Roelofs, 1875 (Anoplini, Curculioninae) includes 16 species from Japan, Korea, China, Thailand, Malaysia, Indonesia, Nepal and south of the Russian Far East [Kojima, Morimoto, 2000; Legalov, 2024e]. A new record of *Sphinxis cryptica* Kojima & Morimoto, 2000 is presented below. It is the first record of this species for Russia.

Materials and methods

Studied specimen is deposited in the private collection of A. Korshunov (Russia, Kemerovo).

The present work is registered in ZooBank (www.zoobank.org) under LSID urn:lsid:zoobank.org:pub:92F3ECFC-06FC-47F0-AF92-30F02375EC09

Results

Curculionoidea: **Curculionidae:**

Curculioninae: Anoplini

Sphinxis Roelofs, 1875

Type species: *Sphinxis pubescens* Roelofs, 1875 by monotypy.

Sphinxis cryptica Kojima & Morimoto, 2000

Fig. 1.

Material. Russia, **Primorskii Krai:** 1♀ — Ussuriisky District, env. Kaimanovka, 43.6°36' N, 132°12' E, h ~100–203 m a.s.l., 2–31.VIII.2011, A.V. Korshunov leg.

Distribution. Japan (Hokkaido, Honshu, Sikoku, Kyushu), North Korea, South Korea [Kojima, Morimoto, 2000; Alonso-Zarazaga et al., 2023], south of the Russian Far East (new record).

Remarks. The genus *Sphinxis* was recorded for by Zherikhin and Egorov [1991]. They reported *Sphinxis pubescens* Roelofs, 1875 for the Ussuri Nature Reserve and the Kavalerovskiy District (Perevalnaya River). Under this name the species was included in the checklist of superfamily Curculionoidea from Siberia and the Russian Far East [Legalov, 2020a]. *Sphinxis pubescens* can be clearly distinguished from *Sphinxis cryptica* by the elytra, which are covered with whitish recumbent setae basally and laterally, remaining area with fuscous setae which form a very large round dark macula [Kojima and Morimoto, 2000]. Photos of beetle identified as *Sphinxis pubescens* [Hong et al., 2012] refer to *Sphinxis cryptica*. *Sphinxis pubescens* may be absent in Korea.

Host plants. *Truellum thunbergii* (Siebold & Zucc.) (Polygonaceae) [Zherikhin, Egorov, 1991].

Acknowledgements

The author thanks A.V. Korshunov (Kemerovo, Russia) for help with this research.



Fig. 1. Distribution map of *Sphinxis cryptica*.

Рис. 1. Карта распространения *Sphinxis cryptica*.

References

- Alonso-Zarazaga M.A., Barrios H., Borovec R., Bouchard P., Caldara R., Colonnelli E., Gültekin L., Hlaváč P., Korotyaev B., Lyal C.H.C., Machado A., Meregalli M., Pierotti H., Ren L., Sánchez-Ruiz M., Sforzi A., Silfverberg H., Skuhrovec J., Trýzna M., Velázquez de Castro A.J., Yunakov N.N. 2023. Cooperative catalogue of Palaearctic Coleoptera Curculionoidea. 2nd Edition // Monografias electrónicas. Vol.14. 780 p.
- Dedyukhin S.V. 2023a. First record of *Ceutorhynchus potanini* Korotyaev, 1980 (Coleoptera: Curculionidae) from West Siberia, Russia // Euroasian Entomological Journal. Vol.23. No.4. P.201–203. [In Russian]. <https://doi.org/10.15298/euroasentj.22.04.03>
- Dedyukhin S.V. 2023b. Interesting records of weevils (Coleoptera, Curculionoidea) from the Middle Urals and West Siberia, Russia // Euroasian Entomological Journal. Vol.22. No.6. P.304–308. [In Russian]. <https://doi.org/10.15298/euroasentj.22.06.05>
- Dedyukhin S.V., Korotyaev B.A. 2021. Interesting records of weevils (Coleoptera, Curculionoidea) near the boundary between Europe and Asia // Entomological Review. Vol.101. No.5. P.660–676. <https://doi.org/10.1134/s0013873821050079>
- Galich D.E., Legalov A.A. 2022. New records of weevils (Coleoptera: Brentidae, Curculionidae) from Tyumenskaya Oblast, Russia // Euroasian Entomological Journal. Vol.21. No.4. P.229–230. [In Russian]. <https://doi.org/10.15298/euroasentj.21.4.07>
- Hong K.-J., Park S., Han K. 2012. Arthropoda: Insecta: Coleoptera: Curculionidae: Curculioninae, Cossoninae, Mesoptiliinae — Weevils II // Insect fauna of Korea. Vol.12. No.7. P.1–180.
- Kojima H., Morimoto K. 2000. Systematics of the genus *Sphinxis* Roelofs (Coleoptera: Curculionidae) // Entomological Science. Vol.3. No.3. P.529–556.
- Korotyaev B.A. 2021a. A new species of the weevil subgenus *Angarophyllobius* Korotyaev et Egorov (Coleoptera, Curculionidae: Entiminae, genus *Phyllobius* Germ.) from the northern coast of Lake Baikal // Entomological Review. Vol.101. No.8. P.1207–1212. <https://doi.org/10.1134/s0013873821080170>
- Korotyaev B.A. 2021b. On a finding of the weevil *Orchestes ruber* (T.-M.) (Coleoptera, Curculionidae: Rhamphini) on the Siberian elm in Abakan // Entomological Review. Vol.101. No.9. P.1485–1486. <https://doi.org/10.1134/s0013873821090244>
- Korotyaev B.A. 2022. The first record of an apple-tree pest, *Anthonomus mali* Kojima et Morimoto (Coleoptera, Curculionidae), from the continental Far East // Entomological Review. Vol.102. No.7. P.1049–1050. <https://doi.org/10.1134/s0013873822070120>
- Korotyaev B.A., Dorofeyev V.I. 2021. Species of the weevil genus *Anthonomus* Germar (Coleoptera, Curculionidae) associated with herbaceous Rosaceae in the northern and southern foothills of the West Sayan Mountains // Entomological Review. Vol.101. No.9. P.1339–1344. <https://doi.org/10.1134/s0013873821090128>

- Korotyayev B.A., Efimov D.A. 2023. On the discovery of the weevil *Magdalis margaritae* Barrios (Coleoptera, Curculionidae: Magdalidini) in Kemerovo city, Russia, and role of plantations of the Siberian elm, *Ulmus pumila* L., in the exchange of herbivores between European and eastern Palaearctic forest regions with participation of elms // Entomological Review. Vol.103. No.4. P.492–494. <https://doi.org/10.1134/s0013873823040103>
- Korotyayev B.A., Khruleva O.A. 2021. A new species and a new record of the weevil genus *Ceutorhynchus* Germar from Western Chukotka (Coleoptera, Curculionidae: Ceutorhynchini) // Entomological Review. Vol.101. No.7. P.956–963. <https://doi.org/10.1134/s0013873821070101>
- Korotyayev B.A., Kurbatov S.A. 2021. On the occurrence of the apple-tree pest in Japan, *Anthonomus mali* Kojima et Morimoto (Coleoptera, Curculionidae), in the Russian Far East // Entomological Review. Vol.101. No.7. P.893–896. <https://doi.org/10.1134/s0013873821070046>
- Korotyayev B.A., Shikalova E.A., Dorofeyev V.I. 2021a. New and little known species of weevils (Coleoptera, Curculionidae: Entiminae) from Sayano-Shushenskii biosphere nature reserve (West Sayan Mountains) and Tuva // Entomological Review. Vol.101. No.9. P.1386–1399. <https://doi.org/10.1134/s0013873821090177>
- Korotyayev B.A., Sofronova E.V., Sofronov A.P. 2023. Assemblages of the heteropterans and weevils (Heteroptera; Coleoptera, Curculionidae) in the petrophytic steppe of the Barguzinskaya Depression, Buryatia // Entomological Review. Vol.103. No.6. P.620–638. <https://doi.org/10.1134/s0013873823060040>
- Korotyayev B.A., Vinokurov N.N., Kuzmina S.A. 2021b. On findings of three Western Palaearctic species of the weevil subfamily Entiminae (Coleoptera, Curculionidae) in Yakutia // Entomological Review. Vol.101. No.9. P.1310–1316. <https://doi.org/10.1134/s0013873821090098>
- Legalov A.A. 2020a. Revised checklist of superfamily Curculionoidea (Coleoptera) from Siberia and the Russian Far East // Acta Biologica Sibirica. Vol.6. P.437–549. <https://doi.org/10.3897/abs.6.e59314>
- Legalov A.A. 2020b. *Ottiorhynchus yakovlevi* Legalov, a new species in the tribe Ottiorhynchini (Coleoptera: Curculionidae: Entiminae) from Altai (Western Siberia) // Ecologica Montenegrina. Vol.38. P.1–7. <https://doi.org/10.37828/em.2020.38.1>
- Legalov A.A. 2021a. A new species of the genus *Ottiorhynchus* Germar, 1822 (Coleoptera: Curculionidae) from Ukok Plateau (Western Siberia, Altai) // Ecologica Montenegrina. Vol.42. P.116–120. <https://doi.org/10.37828/em.2021.42.8>
- Legalov A.A. 2021b. First record of *Pseudostyphlus pillumus* (Gyllenhal, 1835) (Coleoptera, Curculionidae) from Altaiskii Krai, Western Siberia (Russia) // Ecologica Montenegrina. Vol.44. P.53–56. <http://dx.doi.org/10.37828/em.2021.44.7>
- Legalov A.A. 2021c. A new species of the genus *Ottiorhynchus* Germar, 1822 (Coleoptera: Curculionidae) from Central Altai (Western Siberia) // Ecologica Montenegrina. Vol.45. P.33–36. <http://dx.doi.org/10.37828/em.2021.45.6>
- Legalov A.A. 2021d. A new species of the genus *Anthonomus* Germar, 1817 (Coleoptera, Curculionidae) from Altai with a list of the Russian species // Ecologica Montenegrina. Vol.46. P.67–73. <http://dx.doi.org/10.37828/em.2021.46.4>
- Legalov A.A. 2021e. Species of the genus *Notaris* Germar, 1817 (Coleoptera, Curculionidae) from Siberia and Russian Far East // Ecologica Montenegrina. Vol.47. P.18–27. <http://dx.doi.org/10.37828/em.2021.47.3>
- Legalov A.A. 2021f. A new species of the genus *Ottiorhynchus* Germar, 1822 (Coleoptera: Curculionidae) from South-eastern Altai // Ecologica Montenegrina. Vol.47. P.28–32. <http://dx.doi.org/10.37828/em.2021.47.4>
- Legalov A.A. 2022a. A new species of the genus *Eremochorus* Zaslavskij, 1962 (Coleoptera: Curculionidae) from South-eastern Altai (Russia) // Ecologica Montenegrina. Vol.50. P.28–32. <https://doi.org/10.37828/em.2022.50.4>
- Legalov A.A. 2022b. A new species of the genus *Asiodonus* Legalov, 2010 (Coleoptera: Curculionidae) from Amurskaya Oblast and Khabarovskii Krai (Russia, Far East) // Ecologica Montenegrina. Vol.51. P.19–24. <https://dx.doi.org/10.37828/em.2022.51.3>
- Legalov A.A. 2022c. First record of *Magdalis margaritae* Barrios, 1984 (Coleoptera, Curculionidae) from Altaiskii Krai and notes on Siberian elm weevils // Ecologica Montenegrina. Vol.56. P.74–81. <https://dx.doi.org/10.37828/em.2022.56.10>
- Legalov A.A. 2022d. A checklist of bark and ambrosia beetles (Coleoptera: Scolytidae and Platypodidae) from Siberia and the Russian Far East // Acta Biologica Sibirica. Vol.8. P.623–646.
- Legalov A.A. 2023a. A new species of the genus *Synapion* Schilsky, 1902 (Coleoptera, Brentidae) from Republic of Khakassia (Russia, Southern Siberia) // Ecologica Montenegrina. Vol.65. P.60–66. <https://doi.org/10.37828/em.2023.65.8>
- Legalov A.A. 2023b. First record of *Coryssomerus capucinus* (Beck, 1817) (Coleoptera, Curculionidae) from Novosibirskaya Oblast, Western Siberia // Biologica Sibirica. Vol.9. P.915–920. <https://doi.org/10.5281/zenodo.10075914>
- Legalov A.A. 2023c. First record of *Dieckmanniellus nitidulus* (Gyllenhal, 1838) (Coleoptera, Brentidae) from Altaiskii Krai, Western Siberia // Acta Biologica Sibirica. Vol.9. P.937–942. <https://doi.org/10.5281/zenodo.10078434>
- Legalov A.A. 2023d. First record of *Phacephorus umbratus* (Faldermann, 1835) (Coleoptera, Curculionidae) from the Omskaya Oblast of Russia with taxonomic remarks on the species // Euroasian Entomological Journal. Vol.22. No.4. P.227–228. <https://doi.org/10.15298/euroasentj.22.04.07>
- Legalov A.A. 2023e. First records of *Pseudocneorhinus adamsi* Roelofs, 1879 and *P. squameus* Morimoto, 2015 (Coleoptera, Curculionidae) from the Russian Far East with notes on *Pseudocneorhinus* Roelofs, 1873 species distribution // Euroasian Entomological Journal. Vol.22. No.5. P.268–271. <https://doi.org/10.15298/euroasentj.22.05.07>
- Legalov A.A. 2023f. The genus *Sphenophorus* Schoenherr, 1838 (Coleoptera, Curculionidae) of Siberia, Russia // Euroasian Entomological Journal. Vol.22. No.6. P.326–330. <https://doi.org/10.15298/euroasentj.22.06.08>
- Legalov A.A. 2024a. First record of *Anthonomus pedicularis* (Linnaeus, 1758) (Coleoptera, Curculionidae) from the Novosibirskaya Oblast of Russia // Euroasian Entomological Journal. Vol.23. No.1. P.41–42. <https://doi.org/10.15298/euroasentj.23.01.08>
- Legalov A.A. 2024b. Reclassification of the tribe Ellescini (Coleoptera: Curculionidae) // Ecologica Montenegrina. Vol.75. P.200–241. <https://doi.org/10.37828/em.2024.75.19>
- Legalov A.A. 2024c. First records of *Megamecus urbanus* (Gyllenhal, 1834) (Coleoptera, Curculionidae) in Siberia, Russia // Euroasian Entomological Journal. Vol.23. No.3. P.171–173. <https://doi.org/10.15298/euroasentj.23.03.11>
- Legalov A.A. 2024d. A new species of the genus *Synapion* Schilsky, 1902 (Coleoptera, Brentidae) from Krasnoyarskii Krai, Russia // Euroasian Entomological Journal. Vol.23. No.4. P.225–229. <https://doi.org/10.15298/euroasentj.23.04.08>
- Legalov A.A. 2024e. A new species of the genus *Sphinxis* Roelofs, 1875 (Coleoptera, Curculionidae) from China // Baltic Journal of Coleopterology. Vol.24. No.2. P.235–238. [https://doi.org/10.59893/bjc.24\(2\).011](https://doi.org/10.59893/bjc.24(2).011)
- Legalov A.A., Agrikolyanskaya N.I., Dudko R.Yu., Zinovyev E.V., Gurina A.A. 2023. First record of *Zaslavskypera libanotidis* (Reitter, 1896) (Coleoptera: Curculionidae) from the late Pleistocene of Western Siberia // Ecologica Montenegrina. Vol.70. P.157–163. <https://dx.doi.org/10.37828/em.2023.70.17>
- Legalov A.A., Dubatolov V.V. 2021a. First records of *Mecinus janthinus* Germar, 1821 (Coleoptera, Curculionidae) from Russian Far East and Mongolia // Euroasian Entomological Journal. Vol.20. No.5. P.243–244. [In Russian]. <http://dx.doi.org/10.15298/euroasentj.20.5.02>
- Legalov A.A., Dubatolov V.V. 2021b. A list of the Curculionoidea (Coleoptera) from Bolshekhkhtsirsky Nature Reserve (Russian Far East) // Ecologica Montenegrina. Vol.49. P.64–78. <https://dx.doi.org/10.37828/em.2021.49.6>
- Legalov A.A., Dubatolov V.V. 2022. First record of *Dissoleucas niveirostris* (Fabricius, 1798) (Coleoptera, Anthribidae) from the Russian Far East // Euroasian Entomological Journal. Vol.21. No.2. P.95–96. [In Russian]. <https://doi.org/10.15298/euroasentj.21.2.06>
- Legalov A.A., Kuberskaya O.V. 2021. Contribution to the weevil fauna (Coleoptera, Curculionidae) of Bolshoy Shantar Island, Khabarovskii Krai, Russia // Euroasian Entomological Journal.

- Vol.20. No.6. P.346–348. [In Russian]. <http://dx.doi.org/10.15298/euroasentj.20.6.09>
- Legalov A.A., Kuzmina T.V., Tshernyshev S.E. 2022. First record of weevil *Romualdius scaber* (Linnaeus, 1758) (Coleoptera: Curculionidae) from Novosibirskaya Oblast, Russia // Euroasian Entomological Journal. Vol.21. No.5. P.295–298. <https://doi.org/10.15298/euroasentj.21.5.10>
- Legalov A.A., Reshetnikov S.V. 2020. *Asiodonus lobanovi* Legalov & Reshetnikov, a new species of the tribe Hyperini (Coleoptera: Curculionidae) from Altai (Western Siberia) // Ecologica Montenegrina. Vol.36. P.55–61. <https://doi.org/10.37828/em.2020.36.4>
- Legalov A.A., Reshetnikov S.V. 2021a. Redescription of *Styphlus orthochaetinus* (Reitter, 1916) from Siberia with new taxonomic data // Ecologica Montenegrina. Vol.40. P.118–124. <https://doi.org/10.37828/em.2021.40.9>
- Legalov A.A., Reshetnikov S.V. 2021b. First records of *Ceutorhynchus turbatus* Schultze, 1903 (Coleoptera: Curculionidae) from Novosibirsk Oblast (Western Siberia, Russia) and Eastern Kazakhstan // Ecologica Montenegrina. Vol.44. P.57–62. <http://dx.doi.org/10.37828/em.2021.44.8>
- Legalov A.A., Reshetnikov S.V. 2021c. First record of *Margaritapion nitrariae* (Ter-Minassian, 1970) (Coleoptera, Brentidae) from Russia // Ecologica Montenegrina. Vol.44. P.63–68. <http://dx.doi.org/10.37828/em.2021.44.9>
- Legalov A.A., Reshetnikov S.V. 2022a. First record of *Phyllobius cylindricollis* Gyllenhal, 1834 (Coleoptera, Curculionidae) from Altaiskii Krai, Western Siberia (Russia) // Ecologica Montenegrina. Vol.50. P.38–42. <https://dx.doi.org/10.37828/em.2022.50.6>
- Legalov A.A., Reshetnikov S.V. 2022b. First record of *Coniatus splendidulus* (Fabricius, 1781) (Coleoptera, Curculionidae) from Western Siberia // Ecologica Montenegrina. Vol.55. P.31–37. <https://dx.doi.org/10.37828/em.2022.55.4>
- Legalov A.A., Reshetnikov S.V. 2022c. First record of *Hypophyes hyalinus* (Zherichin, 1972) (Coleoptera, Brentidae) from Altaiskii Krai, Western Siberia // Ecologica Montenegrina. Vol.55. P.75–80. <https://dx.doi.org/10.37828/em.2022.55.10>
- Legalov A.A., Reshetnikov S.V. 2022d. First record of *Chlorophanus caudatus* Fähræus, 1840 (Coleoptera, Curculionidae) from Western Siberia // Ecologica Montenegrina. Vol.56. P.53–59. <https://dx.doi.org/10.37828/em.2022.56.8>
- Legalov A.A., Reshetnikov S.V. 2022e. First record of *Ceutorhynchus rusticus* Gyllenhal, 1837 (Coleoptera, Curculionidae) from Altai Krai, Western Siberia // Acta Biologica Sibirica. Vol.8. P.461–468. <https://doi.org/10.14258/abs.v8.e27>
- Legalov A.A., Reshetnikov S.V. 2023. First record of *Anthonomus sorbi* Germar, 1821 (Coleoptera, Curculionidae) in Western Siberia with remarks on other Siberian species // Ecologica Montenegrina. Vol.62. P.79–86. <https://dx.doi.org/10.37828/em.2023.62.10>
- Legalov A.A., Sergeev M.E. 2022. A list of the *Curculionoidea* (Coleoptera) from Sikhote-Alin Nature Reserve (Russian Far East) // Ecologica Montenegrina. Vol.51. P.25–46. <https://dx.doi.org/10.37828/em.2022.51.4>
- Legalov A.A., Stolbov V.A. 2022a. First records of *Bagous petro* (Herbst, 1795) (Coleoptera: Curculionidae) from Siberia, Russia, and Kazakhstan // Euroasian Entomological Journal. Vol.21. No.4. P.231–232. [In Russian]. <https://doi.org/10.15298/euroasentj.21.4.08>
- Legalov A.A., Stolbov V.A. 2022b. New records of weevils (Coleoptera, Curculionidae) associated with *Myriophyllum* sp. in West Siberia, Russia // Euroasian Entomological Journal. Vol.21. No.6. P.361–363. <https://doi.org/10.15298/euroasentj.21.6.10>
- Makarov K.V., Sundukov Yu.N., Korotyaev B.A. 2023. New and little-known in the Russian fauna beetles (Coleoptera) from the south of Primorskii territory // Entomological Review. Vol.103. No.7. P.782–805. <https://doi.org/10.31857/s0367144523040081>
- Sergeeva E.V., Dedyukhin S.V. 2022. New data on the fauna of weevils (Coleoptera, Curculionoidea) of Tyumenskaya Oblast, Russia. Part 4 // Euroasian Entomological Journal. Vol.21. No.6. P.337–341. [In Russian]. <https://doi.org/10.15298/euroasentj.21.6.04>
- Sergeeva E.V., Dedyukhin S.V. 2024. New data on the weevils (Coleoptera, Curculionoidea) of Tyumenskaya Oblast, Russia. Part 5 // Euroasian Entomological Journal. Vol.23. No.1. P.56–58. [In Russian]. <https://doi.org/10.15298/euroasentj.23.01.14>
- Zherikhin V.V., Egorov A.B. 1991. Weevils (Coleoptera, Curculionidae) from the Russian Far East: review of subfamilies with description of new taxa. Vladivostok: DVO AN SSSR. 164 p. [In Russian].

Поступила в редакцию 7.11.2024