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The first record of the genus *Anaprostocetus* Graham, 1987 (Hymenoptera: Eulophidae: Tetrastichinae) from Transcaucasia (Georgia)

Первая находка рода *Anaprostocetus* Graham, 1987 (Hymenoptera: Eulophidae: Tetrastichinae) из Закавказья (Грузия)

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Key words: Hymenoptera, Eulophidae, Tetrastichinae, *Anaprostocetus*, Transcaucasia, Georgia.

Ключевые слова: Hymenoptera, Eulophidae, Tetrastichinae, *Anaprostocetus*, Закавказье, Грузия.

Abstract. European species of the genus *Anaprostocetus* Graham, 1987 – *A. acuminatus* (Ratzeburg, 1848) is reported as a new record for Transcaucasia (Georgia).

Резюме. Впервые для Закавказья (Грузия) указан единственный европейский вид рода *Anaprostocetus* Graham, 1987 – *A. acuminatus* (Ratzeburg, 1848).

Graham [1987] in reclassification of the European Tetrastichinae described 9 new genera including *Anaprostocetus* Graham, 1987 with type species *A. dehraensis* Graham, 1987 from India and *A. acuminatus* (Ratzeburg, 1848) from Europe. At present, the genus *Anaprostocetus* comprises 7 species. Four species (*Anaprostocetus dehraensis* Graham, 1987, *A. areos* Narendran et Fousi, 2005, *A. keralicus* Narendran et Girish Kumar, 2005 and *A. sringeriensis* Narendran et Santhosh, 2005) were described from India; two species (*A. cenxiensis* Sheng, 1995 and *A. ankarensis* Gençer, 2010) were described from China and Turkey [Noyes, 2016]. This genus differs from other genera of Tetrastichinae by its hind coxae with a curved subdorsal carina on its outer surface.

European species of the genus *Anaprostocetus* – *A. acuminatus* (Ratzeburg, 1848) is reported as a new record for Georgia (Lagodekhi Reserve). *Anaprostocetus acuminatus* develops on *Euura atra* (Jurine, 1807) and *E. laeta* (Brischke, 1883) (Hymenoptera: Tenthredinidae).

Material and methods

Lagodekhi Reserve was established in 1912. Lagodekhi Protected Areas is one of the world's best-preserved, primitive area with diversity of natural landscapes – is

located in Lagodekhi, in the extreme north-eastern part of Georgia on the southern slopes of the Caucasus and extends at an altitude of 590–3500 m. Lagodekhi Protected Areas includes Lagodekhi Nature Reserve (19749 ha) and Managed Reserve (4702 ha) [Agency..., 2016].

This study represents part of the material collected in Lagodekhi Protected Areas by G. Japoshvili and G. Kirkitadze, using Malaise traps, during the entire growing season of 2014. Malaise traps in Lagodekhi Protected Areas were set in the following vertical zonal sites: 1) low zone of forest (450–750 m); 2) middle zone of forest (750–1250 m); 3) high zone of forest (1250–1800 m); 4) subalpine forest (1800–2000 m); 5) subalpine fields and shrublands (2000–2500 m); 6) alpine zone (above 2500 m).

General collecting was started in April 2, 2014 and lasted until November 7, 2014, although in alpine and subalpine areas collecting was started later (subalpine 5 May 2014; alpine 23 May 2014) and completed earlier (6 October 2014), due to climate conditions and altitude. Material was collected every 10 (±2) days and placed at first in 96% ethanol, and then it was sorted, dried, mounted and labeled according to Noyes [1982].

Identification was done by the first and second authors, using modern keys [Graham, 1987] and papers of original description. Comparative material from the collections of the Zoological Institute of the Russian Academy of Sciences (St. Petersburg) and All-Russian Research Institute of Biological Plant Protection (Krasnodar) was studied. All voucher specimens are deposited in the Entomological collection of Agricultural University of Georgia (Tbilisi).

Information about synonymy, biology and morphological terminology follow Graham [1987, 1991] and the Universal Chalcidoidea Database [Noyes, 2016].

Order Hymenoptera
Family Eulophidae
Subfamily Tetrastichinae

Anaprostocetus acuminatus (Ratzeburg, 1848)

Material. 2♀, Lagodekhi Reserve, Mt Kudigora, 41°54.351'N / 46°17.564'E, 847 m a.s.l., 15–25.05.2014; 7♀, 1♂, the same place, 5–15.07.2014; 8♀, Lagodekhi Reserve, Mt Kudigora, 41°51.149'N / 46°17.266'E, 666 m a.s.l., 25.07–15.08.2014; 5♀, Lagodekhi Reserve, Mt Kudigora, 41°52.288'N / 46°18.692'E, 135 m a.s.l., 25.08–4.09.2014.

Previous distribution. UK (England), Netherlands, France, Germany, Sweden, Austria, Czech Republic, Hungary, Slovakia, Italy, Ukraine, India, Japan, Canada [Noyes, 2016].

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