



Revision of Proctotrupidae (Insecta: Hymenoptera) described by Ch. T. Brues from Baltic amber

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Abstract

Re-examination of the type material of six species described by Brues from the Baltic amber in the genus *Cryptoserphus* revealed that none of them belong to this genus but represent four species within other extant genera, i.e. *Fustiserphus pinorum* (Brues, 1940) comb. nov., *Mischoserphus gracilis* (Brues, 1940) comb. nov., *Oxyserphus obsolescens* (Brues, 1940) comb. nov., and *O. hamiferus* (Brues, 1940) comb. nov. Two other species (*Cryptoserphus tertarius* and *C. succinalis*) described by Brues and *Cryptoserphus koggeauxillarius* described by Szabo & Oehlke (1986) are synonymised under *O. obsolescens*. All species are redescribed and illustrated.

Key words: Hymenoptera, Proctotrupidae, parasitic wasps, Baltic, Rovno, amber, Late Eocene, new synonymy, new combination

Резюме

Переизучение типового материала видов *Cryptoserphus*, описанных Брюсом из балтийского янтаря, показало, что ни один из них не может быть отнесен к этому роду. Материал относится к четырем видам современных родов: *Fustiserphus pinorum* (Brues, 1940) comb. nov., *Mischoserphus gracilis* (Brues, 1940) comb. nov., *Oxyserphus obsolescens* (Brues, 1940) comb. nov. и *O. hamiferus* (Brues, 1940) comb. nov. Два других описанных Брюсом вида (*Cryptoserphus tertarius* и *C. succinalis*) и *Cryptoserphus koggeauxillarius*, описанный Сабо и Элке (Szabo & Oehlke 1986), являются синонимами *O. obsolescens*. Все валидные виды переописаны и проиллюстрированы.

Ключевые слова: Hymenoptera, Proctotrupidae, паразитические наездники, балтийский янтарь, ровенский янтарь, поздний эоцен, новая синонимия, новые комбинации

Introduction

The Proctotrupidae is a relatively small family of parasitic wasps with a worldwide distribution. Species prefer regions with a temperate and humid climate and are most diverse in the Holarctic, where they occur mainly in shadowed forests. Proctotrupids are larval endoparasites of at least a dozen of beetle families, as well as the dipteran families Mycetophilidae and Sciaridae, the lepidopteran family Oecophoridae, and centipedes of the family Lithobiidae. Recent proctotrupid fauna consists of about 320 species in 27 genera (Townes & Townes 1981; Johnson 1992).