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The type specimens of bees (Hymenoptera, Apoidea) deposited in the Zoological Institute of the Russian Academy of Sciences, St. Petersburg. Contribution VII. Family Andrenidae, genus *Andrena* Fabricius, 1775, taxa described by A. Osytshnjuk and A. Lebedev

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Abstract

The type specimens for names of bee taxa in the genus *Andrena* Fabricius, 1775, described by Anna Z. Osytshnjuk and Alexander G. Lebedev which are deposited in the Zoological Institute, Russian Academy of Sciences (St. Petersburg) are reviewed. Primary types of 27 taxa (22 described by A. Osytshnjuk and five described by A. Lebedev) are illustrated and detailed information is provided. A new synonymy is established for *Andrena marmora* Nurse, 1904=*A. gussakovskii* Lebedev, 1932, **syn. nov.** Lectotypes are designated for *Andrena azerbaidshanica* Lebedev, 1932 and *A. cochlearicalcar* Lebedev, 1933. A complete list of all taxa of the *genus Andrena* described by A. Osytshnjuk (88 taxa) and A. Lebedev (11 taxa) is also given, with the locality data of the primary types.

Key words: Anthophila, Apiformes, new synonymy, lectotype, Palaearctic region, taxonomy

Introduction

The present paper is the seventh part of a series of works (Astafurova & Proshchalykin 2018, 2019, 2020a; Astafurova *et al*. 2021, 2022a, 2023; see also Proshchalykin & Kuhlmann 2015; Dathe & Proshchalykin 2017; Astafurova & Proshchalykin 2020b; Astafurova *et al*. 2022b) dealing with the primary type specimens of bee taxa deposited in the Zoological Institute of the Russian Academy of Sciences, St. Petersburg [ZISP], the main goal of which is to make the ZISP collection of bees more accessible and useful to scientists. A detailed history of the formation of this collection and description of its current state are provided in the first part of the series (Astafurova & Proshchalykin 2018).

In this paper we have provided information on type specimens of *Andrena* Fabricius, 1775 taxa described by two Soviet (Ukrainian) entomologists, Anna Z. Osytshnjuk and Alexandr G. Lebedev, who lived and worked in Kiev for most of their lives.

Anna Osytshnjuk is one of the greatest Soviet specialists on bees. She was born in 1926 in the Kirovograd province of Ukraine and graduated from the Kiev State University in 1952. From 1953 she worked at the Kiev Institute of Zoology [IZAN]. Anna Osytshnjuk's scientific activity can be divided into two main directions: (1) research on the fauna and ecology of bees in Ukraine and (2) studies on the taxonomy of Palaearctic bees of the genus *Andrena*. In total, she published 64 papers, including five monographs. She was the main author of keys to bee species of the European part of the USSR (Osytshnjuk *et al*. 1978) and keys to Andrenidae and Colletidae of the Far East of Russia (Osytshnjuk 1995; Osytshnjuk & Romankova 1995). After her tragic death in a car

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