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Studies on species of Holarctic *Pardosa* groups (Araneae, Lycosidae). VIII. The Palearctic species of the *Pardosa nigra* group

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Abstract

The eight Palearctic species of the *Pardosa nigra* group are reviewed, illustrated and keyed. Two of them are redescribed: *Pardosa lyrata* (Odenwall, 1901) and *P. paramushirensis* (Nakatsudi, 1937). The former is widespread in Siberia and has also been found in Mongolia while the latter has been recorded from Japan (Honshu and Hokkaido) and Russia: the Kuril Islands (a neotype is designated from topotypic material from Paramushir Island). *Pardosa fomichevi* sp. n. is described from the Maritime Province (Primorye) in Russia, based on both sexes. *Pardosa arctica* (Kulczyński, 1916) is placed as a synonym to *P. eiseni* (Thorell, 1875).

Key words: taxonomy, wolf spiders, new species, Russia

Introduction

Within the speciose wolf spider genus *Pardosa* C.L. Koch, 1847, several species have been assigned into separate, informal species-groups due to shared characteristics of the copulatory organs (e.g. Zyuzin 1979; Dondale & Redner 1990). One of these, the *Pardosa nigra* group, is represented by several species both in the Nearctic and the Palearctic regions. The Nearctic species were revised by Lowrie & Dondale (1981). The Palearctic species were listed by Zyuzin (1979) except for *P. paramushirensis* (Nakatsudi, 1937). Of these, *P. luciae* Tongiorgi, 1966 was later found to be conspecific with the Nearctic *P. uintana* Gertsch, 1933 (Kronstedt 2004). The aim of the present paper is to provide an overview of the Palearctic *Pardosa nigra* group species.

In 1976, the senior author was able to trace some poorly labelled syntypes of *P. lyrata* (Odenwall, 1901) in ZMUH and to find additional material in ZIL (now ZISP). Later, more material became available. As there has been no full description of this species since it was originally described by Odenwall (1901), we provide a redescription below.

Pardosa paramushirensis was originally described from a female collected on Paramushir Island (Northern Kuril Islands). Although the holotype is lost, it has been regarded as conspecific with a species found in Japan and previously reported under different names. Tanaka (1993) redescribed this species from Japanese material under the name *Pardosa paramushirensis* and the redescription below gives additional characteristics of this species. Material recently collected by the second author in Paramushir Island is conspecific with specimens from Japan, confirming the identity of this species.

Material recently collected in the Russian Far East by the third author proved to represent a previously unknown species, which is described below.

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