Redescription and a new synonym of the spider *Pachygnatha amurensis* Strand, 1907 (Araneae, Tetragnathidae, Tetragnathinae)

YURI M. MARUSIK\(^1,2\), GALINA N. AZARKINA\(^3\) & MIKHAIL M. OMELKO\(^4,5,6\)

\(^1\)Institute for Biological Problems of the North, FEB RAS, Portovaya Street 18, Magadan 685000, Russia
\(^2\)Department of Zoology & Entomology, University of the Free State, Bloemfontein 9300, South Africa
\(^3\)Laboratory of Systematics of Invertebrate Animals, The Institute of Systematics and Ecology of Animals SB RAS, Frunze 11, Novosibirsk 630091, Russia
\(^4\)Gornotaezhnaya Station FEB RAS, Gornotaezhnoe Vil., Primorski krai 692533, Russia
\(^5\)Far Eastern Federal University, Sukhanova 8, Vladivostok 690950, Russia
\(^6\)Corresponding author. E-mail: omelkom@gmail.com

*Pachygnatha* Sundevall, 1823, with 43 species, is the second largest genus in the subfamily Tetragnathinae. This genus occurs in the Holarctic, Africa, South and South-East Asia (WSC 2015). One quarter of its species are known from a single sex: four species are known from females and seven from males. While studying Tetragnathidae of the Far East Marusik (1989) reported over a dozen specimens belonging to *Pachygnatha amurensis* Strand, 1907, a species previously known from the holotype male and the original description, which was not illustrated. Recently, *Pachygnatha gaoi* Zhu et al., 2003 (Marusik et al. 2007) was reported from environs of Khabarovsky as a species new to Russia. Comparison of specimens identified as *P. amurensis* (through comparison with the holotype male) and *P. gaoi* revealed that they belong to the same species and the two names should be synonymised. The main goals of this paper are to provide detailed figures of *P. amurensis*, to synonymize *P. gaoi* known from both sexes and to survey the distribution of this species.

Photographs were taken using an Olympus SZX16 stereomicroscope with an Olympus E-520 camera, and prepared using the CombineZP software in the Zoological Museum of the University of Turku. Abbreviations used in this paper are as follows: HUB—Hebei University, Baoding (China), IBPN—Institute for biological Problems of the North (Magadan); ZMHU—Zoological Museum of the Helsinki University. Photographs of a paratype male of *P. gaoi* were kindly taken by Panlong Wu and Feng Zhang from the Hebei University.

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*Pachygnatha amurensis* Strand, 1907

Figs 1–20

*Pachygnatha amurensis* Strand, 1907: 147 (♂), holotype male from environs of Blagoveshchensk (Zoological Museum, Hamburg, examined).


