



First description of the male of *Alopecosa azsheganovae* Esyunin, 1996 (Araneae: Lycosidae)

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Alopecosa azsheganovae Esyunin, 1996 was described based on three females from Troitsk Wildlife Sanctuary (South Ural). This species was placed into the *pulverulenta* species group sensu Kronstedt (1990). After its description, it has been considered only in one publication by Esyunin & Tuneva (2012), who reported and illustrated two large (compared to the type series) females from the type locality. While studying material from Western Siberia, we found samples containing both sexes of *A. azsheganovae*. Therefore, we decided to redescribe the female and describe the previously unknown male of this species.

Photographs were taken using an Olympus SZX16 stereomicroscope with an Olympus E-520 camera. Images were stacked using the CombineZP software (<http://combinezp.software>) in the Zoological Museum of the University of Turku, Finland. Microphotographs were taken with a JEOL JSM-5200 scanning electron microscope at the Zoological Museum of the University of Turku (Figs 10–13), with a Hitachi TM-3000 scanning electron microscope at PSU (Fig. 9) and with a Hitachi TM-1000 scanning electron microscope at ISEA SB RAS (Figs 14–15). The distribution map was produced using the online mapping software SimpleMappr (Shorthouse 2010) with slight modifications.

Specimens from the Novosibirsk Region are shared between the Institute of Systematics and Ecology of Animals SB RAS, Novosibirsk, Russia (ISEA); the Muséum d'Histoire Naturelle, Genève, Switzerland; the Manchester Museum, University of Manchester, Manchester, UK; Naturhistorisches Museum Wien, Wien, Austria; Naturhistoriska Riksmuseet, Stockholm, Sweden; Národní Muzeum, Prague, Czech Republic; Perm State University, Perm, Russia (PSU); the Senckenberg Museum, Frankfurt am Main, Germany and the Zoological Museum, Berlin, Germany. The terminology follows Kronstedt (1990) and Logunov (2010). Abbreviations used in the text: ALE, anterior lateral eyes; AME, anterior median eyes; ap, apical; d, dorsal; Fe, femur; Mt, metatarsus; p, prolateral; PLE, posterior lateral eyes; PME, posterior median eyes; Pt, patella; r, retrolateral; Ti, tibia; v, ventral.



FIGURE 1. Distribution records of *Alopecosa azsheganovae*.