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Aelurillinae (Araneae: Salticidae) of the world

Galina Azarkina

Siberian Zoological Museum, Novosibirsk, Russia, urmakuz@gmail.com

Aelurillinae is one of 20 subfamilies of Salticidae with ca 5000 described species (Platnick 2010) belonging to eight genera: *Aelurillus* Simon, 1884, *Asianellus* Logunov et Hęciak, 1996, *Langona* Simon, 1901, *Langelurillus* Próchniewicz, 1994, *Microheros* Wesołowska et Cumming, 1999, *Phlegra* Simon, 1876, *Proszynskiana* Logunov, 1996, *Rafalus* Prószyński, 1999 and *Stenaelurillus* Simon, 1885 (Prószyński 2007). The subfamily is known exclusively from the Old World, Eurasia and Africa, except one species, *Phlegra hentzi* (Marx, 1890).

The subfamily can be recognized by presence of cymbial pocket and epigynal wings, the characters unknown among members of other subfamilies (Logunov 1996). Beside these diagnostic characters I found two new synapomorphies: a socket on outer side on endite and presence of joint (common) teeth base on the promarginal side of cheliceral furrow. On the basis of abovementioned affinities I include the tenth's genus *Mashonarus* Wesołowska et Cumming, 2002 to this subfamily.

Taxonomically Aelurillinae is one of the most difficult subfamily of Salticidae in respect of species recognition because of very uniform shape of palp, embolus hidden by tegulum and cymbium, variability of epigyne.

Study of the numerous material of Salticidae from Africa and Central Asia reveals at least five more new genera of Aelurillinae. Well known genera such as *Aelurillus*, *Langona*, *Phlegra* and *Stenaelurillus* require revisions. Numerous new species, especially from Africa are awaiting descriptions.

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