New record and redescription of Mullederia sichuanensis Wang from evergreen forests in Japan, with remarks on morphological variations among world species of Mullederia Wood (Acari: Stigmaeidae)

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Abstract:

The Mullederia Wood, 1964 (Acari: Stigmaeidae) is a species-limited genus with a geographic distribution so far restricted to eastern Palaearctic, Indomalaya and Australasia regions. Mullederia sichuanensis Wang, 1986 is newly recorded from Japan based on specimens collected from two different evergreen broad-leaved forests at Bōsō Peninsula, Chiba Prefecture (Honshu). Adult females, males and deutonymphs are redescribed and illustrated. Interspecific morphological variations among world species of Mullederia are provided. Also, stigmaeid mite species recorded from Japan are listed.

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