Outlineoffungi.org - Note 956 *Jenniferia*

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Jenniferia Mongkols., Noisrip. & Tasan.

The pathogenic genus *Jenniferia* was established for two novel species, *J. griseocinerea* and *J. thomisidarum* and *J. cinerea* comb. nov. that was previously placed in *Hevansia*. *Jenniferia* is typified by *J. thomisidarum* Mongkols., Noisrip. & Tasan. The taxa were found on spiders from Thailand. *Jejulea* formed a strong monophyletic clade within *Cordycipitaceae* based on a combined ITS, LSU, TEF1, RPB1 and RPB2 sequence dataset. *Jenniferia* is strongly supported as a monophyletic clade with the presence of perithecia and ascospores. The asexual morph has been reported in all three species and they share similar characteristics in producing grey mycelium covering the spider and multiple cylindrical synnemata from all parts of the host. The sexual morph was reported in *J. griseocinerea* and *J. thomisidarum* and produced aggregated superficial perithecia forming a cushion with septate part-spores alternately connected with thread-like structures that are not reported in the allied genera of *Cordycipitaceae* (Mongkolsamrit et al. 2022). The taxonomic placement of *Jenniferia* is in *Cordycipitaceae, Hypocreales, Hypocreomycetidae, Sordariomycetes, Pezizomycotina* and *Ascomycota*.

Reference

Mongkolsamrit S, Noisripoom W, Tasanathai K, Kobmoo N, Thanakitpipattana D, Khonsanit A, Petcharad B, Sakolrak B, Himaman W. 2022 – Comprehensive treatise of *Hevansia* and three new genera *Jenniferia, Parahevansia* and *Polystromomyces* on spiders in *Cordycipitaceae* from Thailand. MycoKeys 91, 113–149. doi: 10.3897/mycokeys.91.83091

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