

ON THE RELATIONSHIP OF *EVARCHA* Simon 1902 TO *HABRONATTUS* F. O. Pickard-Cambridge 1901 AND *PELLENES* Simon 1876. David B. Richman

Gertsch (Lowrie and Gertsch 1955), noting the similarity between the "genera" *Pellenes*, *Habronattus* and *Evarcha* (all presently in the subfamily Pelleninae), returned all of these to the genus *Pellenes* as recognized by Peckham and Peckham (1909) and earlier workers. Various arachnologists have agreed or disagreed with this placement over the last twenty years. I have examined members of all three "genera" and, after at first agreeing with Gertsch, I have been forced to reevaluate my position on *Evarcha* because of recent evidence obtained by D. E. Hill (in manuscript). Hill examined the body scales of a number of salticid spiders, including 4 species of *Habronattus*, 1 species of *Pellenes* (*P. wrighti* Gertsch) and 1 species of *Evarcha* [*E. hoyi* (Peckham and Peckham) = *E. falcata* (Clerck) according to Proszynski 1976]. While the corresponding scales of *Habronattus* and *Pellenes* were nearly identical, those of *E. hoyi* were markedly different. The scales of *E. hoyi* more closely resembled those of species of *Sitticus*, the latter genus being placed in the Sitticinae by Proszynski (1976). The similarity between *Evarcha* and *Pellenes-Habronattus* both in general morphology and genitalia structure may be a result of convergence. More species of both *Pellenes* (*Pellenes* + *Habronattus*) and *Evarcha* should be examined before final conclusions are made, especially with regard to the placement of *Evarcha* into another subfamily.

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