

## Note on the genera *Admestina* and *Akela* (Araneae, Salticidae)

**María Elena Galiano**

Museo Argentino de Ciencias Naturales "Bernardino Rivadavia",  
Av. Angel Gallardo 470,  
1405 Buenos Aires,  
R. Argentina

### Summary

The following new combination and synonymies are here established: *Admestina insularis* Banks, 1902 = *Helvetia insularis* n. comb.; *Helvetia otiosa* Galiano, 1976 = *Helvetia insularis* n. syn.; *Freya striata* Chickering, 1946 = *Akela charlottae* Peckham & Peckham, 1896 n. syn.

Comments about *Akela fulva* Dyal, *A. longibarba* Mello-Leitão and *A. quinquevittata* Mello-Leitão are given.

In previous papers (Galiano, 1968, 1970, 1981, 1987a, 1987b) several species of *Admestina* Peckham & Peckham, 1889 and *Akela* Peckham & Peckham, 1896 have been transferred to other genera, as in the following list:

*Admestina bitaeniata* Simon, 1902 = *Admesturius bitaeniatus*  
*Akela aurantiovittata* Mello-Leitão, 1945 = *Chira spinosa* (Mello-Leitão, 1939)

*Akela campestrata* Simon, 1901b = *Simonurius campestratus*  
*Akela ferrugineonotata* Mello-Leitão, 1945 = *Chira gounellei* (Simon, 1902)

*Akela gladifera* Simon, 1901b = *Simonurius gladiferus*  
*Akela lunata* Mello-Leitão, 1944 = *Tullgrenella lunata*  
*Akela melanica* Mello-Leitão, 1941 = *Tullgrenella melanica*  
*Akela modesta* Mello-Leitão, 1941 = *Dendryphantes modestus*  
*Akela penicillum* Mello-Leitão, 1940 = *Ilargus coccineus* Simon, 1901c

*Akela quadrataria* Simon, 1901b = *Simonurius quadrataris*  
*Akela simplex* Mello-Leitão, 1944 = *Hisukattus simplex*  
*Akela trilineata* Mello-Leitão, 1941 = *Simonurius gladiferus* (Simon, 1901)

In the present note *Helvetia insularis* new combination is established for *Admestina insularis* Banks, 1902. The species was also described as *Helvetia otiosa* by Galiano (1976) and this name is here considered as a new synonym. As a consequence of this transfer, *Admestina* comprises only its type species, *Admestina tibialis* (C. L. Koch, 1846).

At present, *Akela* includes four species:

1. *A. charlottae* Peckham & Peckham, 1896, type species by monotypy. *Freya striata* Chickering, 1946 is here newly synonymised. Illustrations of the species are given (Figs. 1-4).
2. *A. fulva* Dyal, 1935, from India, very difficult to identify from the description.
3. *A. longibarba* Mello-Leitão, 1943, closely related to *Phiale formosa* (Banks, 1909), should be excluded from the genus.
4. *A. quinquevittata* Mello-Leitão, 1947, of a very uncertain position.

The last three species will probably be excluded from the genus when more specimens are available.

From the long list given above it is evident that most authors followed Simon (1901a, 1901b) in his interpretation of *Akela*, which has been demonstrated to be

wrong (Galiano, 1987b).

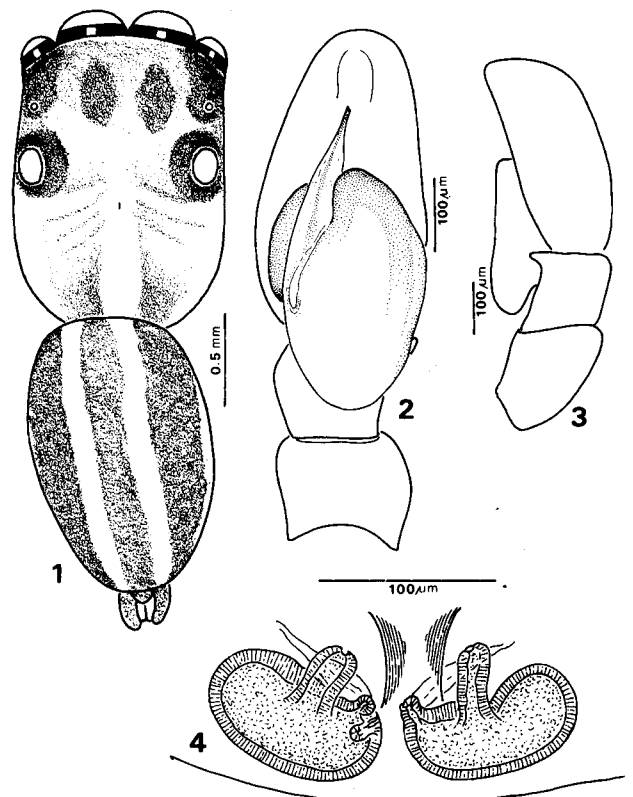
Abbreviations: MACN = Museo Argentino de Ciencias Naturales, MCZ = Museum of Comparative Zoology, Harvard, AMNH = American Museum of Natural History, MNRJ = Museu Nacional, Rio de Janeiro, MHNP = Museu de Historia Natural de Parana, Brazil.

### Material examined

Male holotype of *Admestina insularis*, from Galapagos Is., Narborough, 4 July 1899 (Hopkins & Stanford Exp.), in AMNH. Male holotype of *Helvetia otiosa*, from Argentina, Córdoba prov., Embalse, 27 December 1974 (M. E. Galiano), MACN No. 6737. Male holotype of *Akela longibarba*, from Brazil, Pernambuco, Taperá (Pickel), MNRJ. No. 1022. Female holotype of *Akela quinquevittata* from Brazil, Parana, Curitiba (R. B. Lange), MNHP No. 2502. Male holotype of *Akela charlottae*, from Guatemala, MCZ No. 531. Male holotype, female allotype of *Freya striata*, from Panama, Canal Zone, Forest Preserve, July 1939 (A. M. Chickering), MCZ. Male holotype of *Phiale formosa* (Banks), from Costa Rica, Turrialba (Tristan), in MCZ.

### Acknowledgements

I thank the following persons and institutions for the loan of material; Dr H. W. Levi (MCZ), Dr N. I. Platnick (AMNH), Dr Ana T. da Costa (MNRJ), Dr E. del Rosal (MHNP).



Figs. 1-4: *Akela charlottae* Peckham & Peckham. 1 Male, dorsal view; 2 Male palp, ventral view; 3 Male palp, retrolateral view; 4 Epigynum, ventral view.

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