

THE SYNONYMY OF *CULICOIDES HISTRIO* JOHANNSEN

(DIPTERA: CERATOPOGONIDAE)

Johannsen described *Culicoides histrio* as a variety of *guttifer* Meijere from Guam, and figured the male paramere. Tokunaga and Murachi, in their comprehensive work on Micronesian Ceratopogonidae, described Palau and Truk Islands material under the name *guttifer* and compared their material with Johannsen's description of the variety *histrio*. Their figures differ in some respects from Asian material of *guttifer* which I have been studying, and a closer comparison seemed desirable. Through the courtesy of Dr. L. L. Pechuman, I borrowed the holotype male, allotype, and three female paratypes of *histrio* from the Cornell University collection, and made slide mounts of two female paratypes. From the study of this material it is evident that *histrio* is distinct from *guttifer*, and is identical with *mackayensis* Lee and Reye. The complete synonymy is as follows:

*Culicoides histrio* Johannsen

*Culicoides guttifer* Meijere, var. *histrio* Johannsen, 1946, B. P. Bishop Mus. Bull. 189: 190 (Guam; fig. male paramere).

*Culicoides guttifer* (misident., not Meijere), Tokunaga and Murachi, 1959, Insects of Micronesia 12: 327 (Palau, Truk; fig. wing, spermatheca, male genitalia).

*Culicoides mackayensis* Lee and Reye, 1953, Proc. Linn. Soc. N. S. Wales 77: 383 (Queensland; fig. eyes, antenna, palpus, wing, spermatheca); Tokunaga, 1962, Pacific Insects 4: 470 (New Ireland). **NEW SYNONYMY.**

The known distribution of *histrio*, based on the literature and on material in the U.S. National Museum, is Guam, Truk, Palau, New Ireland, Queensland, New South Wales, North Borneo, Thailand, Malaya, and Ceylon.

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LOCALITY RECORDS AND A HOST PLANT FOR THE STINKBUG  
*EDESSA FLORIDA* BARBER<sup>1</sup>

(HEMIPTERA: PENTATOMIDAE)

In 1935 H. G. Barber published in our Proceedings (Vol. 37: 48) a description of *Edessa florida* stating it is very close to *bifida* Say. *Bifida* has punctures on the ventral surface, *florida* does not. Only one locality was given for the new species: Paradise Key, which is approximately 10 miles SW of Homestead, Florida.

Four years later nearly fifty specimens of *florida* were collected on St. George's Island, Maryland, near the mouth of the Potomac, and deposited in the U.S. National Museum. A number of bugs were taken May 14 "In house" by C. F. Hartung. More were taken May 21

<sup>1</sup>Miscellaneous Publication No. 497, Contribution No. 3529 of the Maryland Agricultural Experiment Station, Department of Entomology.



Wirth, Willis Wagner. 1964. "The synonymy of *Culicoides histrio* Johannsen (Diptera: Ceratopodonidae)." *Proceedings of the Entomological Society of Washington* 66, 119.

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