

# Insector Inscitiae Menstruus

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## THE SPECIES OF FINLAYA ALLIED TO ERRIENS WALKER

(Diptera, Culicidae)

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The American species of *Aedes*, subgenus *Finlaya*, have the tarsi either wholly dark, regularly banded with white, or irregularly banded. The latter are here noticed.

*Both male and female with a dark band through the center of mesonotum.*

*Aedes* (*Finlaya*) *podographicus* Dyar & Knab.

*Aedes insolita* Dyar & Knab (not Coquillett), Jour. N. Y. Ent. Soc., xiv, 203, 1906.

*Aedes insolita* Dyar (not Coquillett), Proc. Ent. Soc. Wash., viii, 16, 1906.

*Verrallina insolita* Coquillett (in part), U. S. Dept. Agr., Bur. Ent., Tech. Ser. 11, 17, 1906.

*Aedes podographicus* Dyar & Knab, Proc. Biol. Soc. Wash., xix, 165, 1906.

*Aedes podographicus* Theobald, Mon. Culic., v, 394, 1910.

*Aedes podographicus* Howard, Dyar & Knab, Mosq. No. & Cent. Am. & W. I., ii, pl. 32, fig. 216, 1912.

*Aedes podographicus* Howard, Dyar & Knab, Mosq. No. & Cent. Am. & W. I., iv, 812, 1917.

*Aedes* (*Gualteria*) *podographicus* Dyar, Ins. Ins. Mens., vi, 60, 1918.

! Known only from Mexico. The mid tarsi have the black ring very narrow on the second joint. In the male hypopygium the tip of the claspette filament reaches beyond the middle of side-piece.

*Aedes* (*Finlaya*) *heteropus*, new species.

Differs from *podographicus* in having the black ring on the second mid tarsal joint broad, occupying half of the length of the joint. The claspate filament seems somewhat shorter.

Types, eight males and eleven females, No. 24865, U. S. Nat. Mus.; Alajuela, Costa Rica, May and July, 1921, bred from water in bamboo joints (A. Alfaro).

*Female with dark band through center of mesonotum, the male silvered across anteriorly.*

*Aedes* (*Finlaya*) *terrens* Walker.

*Culex terreus* Walker, Ins. Saund., 420, 1856.

*Stegomyia terreus* Theobald, Mon. Culic., i, 305, 1901.

*Culex terreus* Theobald, Mon. Culic., i, 423, 1901.

*Haemagogus oswaldi* Lutz, in Bourroul, Mosq. do Brasil, 66, 1904.

*Gualteria oswaldi* Lutz, Imprensa Medica, Feb. 25, 65, 1905.

*Gualteria oswaldi* Blanchard, Les Moust., 633, 1905.

*Verrallina insolita* Coquillett, Can. Ent., xxxviii, 62, 1906.

*Verrallina lateraria* Coquillett, Proc. Ent. Soc. Wash., vii, 184, 1906.

*Aedes lateraria* Dyar & Knab, Jn. N. Y. Ent. Soc., xiv, 202, 1906.

*Aedes lateraria* Dyar, Proc. Ent. Soc. Wash., viii, 17, 1906.

*Haemagogus oswaldi* Dyar & Knab, Proc. Biol. Soc. Wash., xix, 166, 1906.

*Verrallina insolita* Coquillett, U. S. Dept. Agr., Bur. Ent., Tech. Ser. 11, 17, 1906.

*Verrallina lateraria* Coquillett, U. S. Dept. Agr., Bur. Ent., Tech. Ser. 11, 17, 1906.

*Gualteria oswaldi* Theobald, Mon. Culic., iv, 552, 1907.

*Gualteria oswaldi* Peryassá, Os. Culic. do Brazil, 45, 64, 197, 1908.

*Stegomyia terreus* Theobald, Mon. Culic., v, 174, 1910.

*Verrallina* (?) *insolita* Theobald, Mon. Culic., v, 496, 1910.

*Verrallina* (?) *lateraria* Theobald, Mon. Culic., v, 496, 1910.

*Gualteria oswaldi* Theobald, Mon. Culic., v, 606, 1910.

*Aedes oswaldi* Howard, Dyar & Knab, Mosq. No. & Cent. Am. & W. I., ii, pl. 33, fig. 221, 1912.

*Aedes oswaldi* Howard, Dyar & Knab, Mosq. No. & Cent. Am. & W. I., iv, 815, 1917.

*Aedes* (*Gualteria*) *oswaldi* Dyar, Ins. Ins. Mens., vi, 80, 1918.

*Aedes terreus* Bonne-Wepster & Bonne, Ins. Ins. Mens., ix, 23, 1921.

Dr. and Mrs. Bonne remark that the hypopygium of Walker's type of *terrens* differs from *osvaldi* by the presence in the latter of a long subapical seta on the claspette. This is figured in the monograph (1912) and described by me (1918), but proves to be an artifact, not shown in fresh mounts from the same locality. The above synonymy therefore seems indicated.

The species appears to have a wide distribution, including Brazil, Trinidad, the Guianas, Panama and Mexico. Some uncertainty exists as to the identifications, since both sexes are not always represented from the same locality.

*Both sexes with the mesonotum silvered across in front.*

*Aedes* (*Finlaya*) *thorntoni* Dyar & Knab.

*Aedes thorntoni* Dyar & Knab, Journ. N. Y. Ent. Soc., xv, 10, 1907.

*Aedes insolita* Busek (not Coquillett), Smith. Misc. Colls., quart. iss., III, 64, 1908.

*Aedes thorntoni* Theobald, Mon. Culic., v, 485, 1910.

*Aedes thorntoni* Howard, Dyar & Knab, Mosq. No. & Cent. Am. & W. I., ii, pl. 32, fig. 217, 1912.

*Aedes thorntoni* Howard, Dyar & Knab, Mosq. No. & Cent. Am. & W. I., iv, 819, 1917.

*Aedes* (*Gaulleria*) *thorntoni* Dyar, Ins. Ins. Mens., vi, 45, 1918.

The original types contain only females; but the silvering of the mesonotum extends entirely across, which character fixes the species. Specimens are before me from Nicaragua and Panama.

*Male with the mesonotum silvered across, the female unknown.*

*Aedes* (*Finlaya*) *argyrothorax* Bonne-Wepster & Bonne.

*Aedes argyrothorax* Bonne-Wepster & Bonne, Ins. Ins. Mens., vi, 171, 1920.

The female, unfortunately, has not been made known; but the species cannot be mistaken on account of the peculiarities of the male hypopygium, the claspette filament being expanded and ribbon-like the usual filiform type.