

Additional Changes in Mosquito Taxonomy  
in North America, North of Mexico, 1972-1977

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**ABSTRACT.** Additional changes and corrections are given to update the tabulation of changes in mosquito nomenclature, taxonomy, and geographical distribution published in 1973. Each citation is supported by an appropriate literature reference.

In 1973, I published a list of 53 changes in mosquito nomenclature, taxonomy and geographical distribution for the United States since Carpenter and LaCasse published their monograph in 1955. (Darsie, 1973). The following additions and corrections are herein documented to bring the list up-to-date. Each citation is supported by an appropriate literature reference.

**A. Newly Described Species**

1. *Aedes (Ochlerotatus) churchillensis* Ellis and Brust (1975).
2. *Psorophora (Janthinosa) mathesoni* Belkin and Heinemann (1975).
3. *Toxorhynchites* spp. - Zavortink (1969) indicated that an, as yet, undetermined species has been found in Southeastern Arizona.

**B. Species Placed in Synonymy**

1. *Aedes (Ochlerotatus) barri* Rueger = *Aedes (Ochlerotatus) euedes* Howard Dyar & Knab - Wood (1977).
2. *Aedes (Ochlerotatus) trichurus* Dyar = *Aedes (Ochlerotatus) provocans* (Walker) - Wood (1977).

**C. Species Resurrected from Synonymy**

1. *Aedes (Ochlerotatus) euedes* Howard, Dyar and Knab - see B.1 above.
2. *Aedes (Ochlerotatus) provocans* (Walker) - see B.2 above.
3. *Aedes (Ochlerotatus) mercurator* Dyar - Wood (1977).

**D. Species Added to North American<sup>2/</sup> Fauna**

1. *Aedes (Finlaya) togoi* (Theobald) - Meredith and Phillips (1973).
2. *Psorophora (Grabhamia) confinnis* (Lynch Arribalzaga) complex<sup>3/</sup> reported by Bickley (1976) that it is not yet known to which species the member of this complex occurring in California, Arizona and New Mexico belongs; according to Dr. J. N. Belkin it should be referred to as the California (or Arizona, or New Mexico) population of the complex.

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<sup>2/</sup> Wherever North America is used, it refers to that part of the continent north of Mexico.

<sup>3/</sup> Bohart and Washino in their Mosquitoes of California, Third Edition, Univ. Cal., Div Agr. Sci. Priced Publ. No. 4084, p.37,1977, refer to the California population of the *P. confinnis* complex as *Psorophora (Grabhamia) columbiæ* Dyar & Knab.

- E. Species Deleted from North American Fauna
1. *Deinocerites spanius* (Dyar and Knab) - Belkin and Hogue (1959).
  2. *Psorophora (Janthinosoma) varipes* (Coquillett) - Belkin and Heinemann (1975).
- F. Name Raised to Specific Rank
1. *Aedes (Ochlerotatus) nevadensis* Chapman and Barr - Ellis and Brust (1973).
- G. Name Lowered to Subspecific Rank
1. *Uranotaenia (Pseudoficalbia) anhydor syntheta* Dyar and Shannon - Belkin and McDonald (1956).
- H. Supra-specific Changes in Mosquito Names
1. Subgenus *Finlaya* Theobald, genus *Aedes* - added by the discovery of *Aedes (Finlaya) togoi* (Theobald) in Canada (Meredith and Phillips, 1973).
  2. Subgenus *Tinolestes* Coquillett, genus *Culex* - added by the discovery of *Culex (Tinolestes) latisquama* (Coquillett) in Florida (Stone 1968).
  3. Subgenus *Coquillettidia* Dyar, genus *Coquillettidia* - added when Ronderos and Bachman (1962 (1963) raised subgenus *Coquillettidia*, genus *Mansonia*, to generic rank. The North American species, *perturbans* (Walker), is assigned to the subgenus *Coquillettidia*.
  4. Subgenus *Haemagogus* Williston, genus *Haemagogus*, - added when Arnell (1973) placed the North American species, *equinus* Theobald, under that subgenus.
  5. Subgenus *Lynchiella* Lahille, genus *Toxorhynchites* - North American species assigned to this subgenus by Stone, Knight and Starcke (1959).
  6. Subgenus *Pseudoficalbia* Theobald, genus *Uranotaenia* - resurrected from synonymy by Peyton (1972) and applicable North American species assigned to it.
  7. Subgenus *Uranotaenia* Lynch Arribalzaga, genus *Uranotaenia* - applicable North American species assigned to this subgenus by Peyton (1972).
- I. Species Concept and Geographical Distribution Changed
1. *Aedes (O.) stimulans* (Walker): *Aedes (O.) mercurator* Dyar - Wood (1977).
  2. *Psorophora (G.) columiae* (Dyar and Knab): *Psorophora (G.) confinnis* Lynch Arribalzaga - Belkin, Heinemann and Page (1970) and Bickley (1976).
  3. *Psorophora (J.) matthesoni* Belkin and Heinemann: *Psorophora (J.) varipes* (Coquillett) - Belkin and Heinemann (1975).

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