

## FIRST SUPPLEMENT TO INSECTAE PORTORICENSIS

Because the question has been asked, and to avoid further uncertainty, it should here be definitely stated that, unless otherwise specified, the descriptions appearing in *Insectae Portoricensis* of new species are by the compiler of the list, George N. Wolcott.

P. 16.

Dr. J. W. Folsom has given the MS. name of **Cremastocephalus bilobatus** to the green Collembola commonly found on canna, water hyacinth, *yautía*, corn and sugar cane, discussed by Wolcott 21-10.

P. 20.

For **Periplaneta australiae** Fabricius, read **Periplaneta australasiae** Fabricius.

P. 32.

**Glyptotermes pubescens** has been described by Dr. T. E. Snyder in No. 2496, Proc. U. S. National Museum, Vol. 64, Art. 6, pp. 1-40, pl. 1-5, 1924.

**Nasutitermes (Tenuirostitermes) wolcotti** has been described by Dr. Snyder in the Proceedings Entomological Society of Washington, Vol. 26, No. 5, May 1924, pp. 131-132.

P. 33.

For **Pseudocaecillus**, read **Pseudocaecilius**.

Mr. Rolla P. Currie has examined a small collection of Odonata from Porto Rico, and finds that the only species not recorded by Kolbe and Gundlach is **Scapanea frontalis** Burmeister.

He makes the following changes in the list of Odonata:

**Erythragrion dominicanum** Selys is now known as **Telebasis dominicana** Selys.

**Erythragrion vulneratum** Hagen is now known as **Telebasis vulnerata** Hagen.

For **Aeschinidae**, read **Aeschnidae**.

For **Gymnacantha**, read **Gynacantha**.

**Libellula umbrata** Linn. is now known as **Erythrodiplax umbrata** Linn.

**Orthemis discolor** Burmeister is now known as **Orthemis ferruginea** Fabricius.

**Dythemis discreta** Hagen (which should have been spelled **dicrota**) is now known as **Micrathyria didyma** Selys.

**Diplax ambusta** Hagen is now known as **Erythrodiplax connata justiniana** Selys.

**Diplax portoricensis** Kolbe (which should be **portoricana**) probably belongs in the genus **Erythrodiplax**, along with *minuscula*.

For *D. minuscula*, read *D. minuscula*.

Mr. Currie has also bracketed the names of most of the authors, showing generic transfers, but for consistency with the rest of the list, these are not here indicated.

P. 42.

Under **Odyneurus dejectus** Cresson, add

a large cluster on asparagus frond (224-23 det. Rohwer).

P. 43.

Under **Pseudagenia bella** Cresson, add

reared from mud nests on the leaves of *Inga vera* at Cayey (366-22 det. Rohwer).

Under **Crabro croesus** Lepeltier, add

reared from cocoons in rotten log (78-23 det. Rohwer); on Mona Island (1308-13).

P. 44.

Under **Notogonidea vinulenta** Cresson, add

on Mona Island (1310-13 det. Rohwer).

P. 60.

For the author of **Aspidiotiphagus citrinus**, instead of Crawford, read Craw; Dr. L. O. Howard states "it was Alexander Craw who described this species."

P. 65.

Add

**Pimpla rufoniger** Cresson — det. Cushman  
at Aibonito (SSC).

P. 80.

For **Omalodes kugii** Marseul, read **Omalodes krugii** Marseul, add

**Carnicops dominicana** ? Marseul — det. A. J. Mutchler  
under bark of *Erythrina* tree at Cayey (248-17).

P. 93.

Add

**Stethorus punctum** LeConte — det. Sicard (previously determined by Dr. Schwarz as "close to *punctum* Lec.")  
on leaves of *Psidium guajava* and *Spondias lutea* (88-13, 722-16, 838-16).

P. 94.

After **Psyllobora lineolate** Fabricius, add

—confirmed by Dr. Sicard

and delete "presumably this species" on the next line.

P. 113.

For **Noda** sp. or **Nodonota** sp. — det. Cotton, read**Nodonota wolcottii** Bryant, G. E., in "New Species of Phytophaga" Annals and Magazine of Natural History, Ser. 9, Vol. 13, p. 299, March, 1924, TYPE from Porto Rico.

P. 116.

For **Homophoeta aequinoctialis** Fabricius, read**Homophoeta aequinoctialis** Fabricius

P. 117.

Add

**Hermaeophaga cubana** Bryant, G. E., in Annals and Magazine of Natural History, Ser. 9, Vol. 13, p. 302, March, 1924, TYPE from Porto Rico.

millions on a few unidentified trees near Guayama (50-22).

P. 129.

After the last record under **Lachnopus coffeae montanus** Marshall, addfeeding on leaves of *Cestrum macrophyllum* Vent. (host determination by R. A. Toro) at Ciales (34-24).

P. 209.

Add

**Root, Francis Metcalf**, "Notes on Mosquitoes and other Blood-Sucking Flies from Porto Rico." In American Journal of Hygiene, Vol. 2, No. 4, July 1922, pp. 394-405, figs. 5.

Notes on the following species:

## CHIRONOMIDÆ.

**Culicoides furens** Poey (Syn. **C. maculithorax** Williston)

## SIMULIIDÆ.

**Simulium quadrivittatum** Loew

## CULICIDÆ.

**Anopheles albimanus** Wiedemann**Anopheles grabhamii** Theobald



*Uranotaenia socialis* Theobald

*Uranotaenia lowii* Theobald

*Aedes* (*Stegomyia*) *aegypti* Linnaeus

*Aedes* (*Taeniorhynchus*) *portoricensis* Ludlow

*Aedes* (*Ochlerotatus*) ? *condolenscens* Dyar & Knab ? (larva described)

*Psorophora jamaicensis* Theobald

*Culex* (*Culex*) *quinquefasciatus* Say (Syn. *C. fatigans* Wied.)

*Culex* (*Culex*) *nigripalpus* Theobald, var. *similis* Theobald

*Culex* (*Melanoconion*) *atratus* Theobald (Syn. *C. falsificator* D. & K.)

*Culex* (*Choeroporpa*) *borinqueni* sp. nov. Root

"The commonest 'wild' *Culex* of the Porto Rican costal plain. . . . found breeding in all sorts of slow streams, pools and marshy places, . . . at Río Piedras, Martín Peña and Aguirre."

*Deinocerites cancer* Theobald

#### TABANIDÆ.

*Chrysops costatus* Fabricius — "mosca de manglar"

#### MUSCIDÆ.

*Stomoxys calcitrans* Linnaeus

P. 217.

For *Conicera aldrichii* Brues, read

*Conicera latimana* Malloch. J. R., "A New Species of *Conicera* from Porto Rico" in Proc. Ent. Soc. Washington, Vol. 26, No. 4, p. 73, April, 1924, TYPE from Porto Rico.

(as *Conicera aldrichii* Brues) Wetmore 16-74, eaten by hummingbird, *Anthrocothorax aurulentus*.

P. 222.

To the rearing records of *Nemorilla maculosa* Macquart, add from *Tetralopha scabridella* Ragonot at Cayey (385-22 det. Aldrich).

About the middle of the page, add

*Phorocera parviteres* Aldrich — det. Aldrich

from *Pieris monuste* Linn. at Yauco (77-23); (sp.) from *Melanchroia cephise* Cramer (6-24).

## P. 225.

The rearing records for *Sarcophaga robusta* Aldrich are incorrect for this species. It should read

**Sarcophaga robusta** Aldrich

Aldrich 16-268: from Mayagüez, P. R.

**Sarcophaga sternodontis** Townsend

Aldrich 16-267: from Mayagüez, P. R.

Jones & Wolcott 22-49: from pupae of *Mocis (Remigia) repanda* Fabr. and from white grubs.

(452-12, 766-12, . . . etc.

## P. 239.

Mr. A. C. Morgan of Clarksville, Tenn. has identified the following thrips (Thysanoptera) which are new to Porto Rico, and will describe the new genus and species in a forthcoming paper.

## TEREHRANTIA.

**Cercyothrips** gen. et sp. nov.

collected by E. G. Smyth, October 7, 1919 at Río Piedras (685-19).

**Limnothrips cerealium** Haliday

on sugar-cane leaves at Guánica, March 18, 1920 (GNW).

**Corynothrips stenopterus** Williams

on "yuca", *Agava sissalana*, Nov. 18, 1919 at Río Piedras (788A-19).

**Franklinothrips vespiformis** Crawford

collected by E. G. Smyth at Río Piedras.

**Heliothrips fasciatus** Pergande

on alfalfa at Río Piedras, Nov. 16, 1923 (349-23), collected by F. Seín.

**Anaphothrips** sp. nov.

four females from leaves of sugar cane at Bayamón, May 5, 1920 (GNW).

**Sericothrips** sp. nov.

two females collected by E. G. Smyth at Río Piedras, March 25, 1920.

## TUBULIFERA.

**Ommatothrips gossypii** Hood

on coffee leaves (GNW); on leaves of *Inga vera* at Cayey (306-23).

**Gastrothrips** sp. nov.

in stomach of lizard, *Anolis cristatellus* D. & B., Oct. 3, 1923 (308-23).

**Diceratothrips** sp. nov.

in rotten cotton boll injured by Pink Bollworm at Pt. Cangrejitos (307-23); on leaves of *Inga vera* at Cayey (306-23).

**Lissothrips** subgen. et sp. nov.

from stomach of lizard, *Anolis stratulus* Cope, collected May 9, 1924, at Hacienda Santa Catalina, Mameyes by F. Seín.

**Hindsiana cocois** Watson

on leaves of sugar cane at Camuy, April 26, 1920 (GNW).

**Hindsiana weigeli** Watson

(probably from sugar cane) at Río Piedras, Feb. 23, 1920 (GNW).

P. 244.

For VELIDAE, read VELIIDAE.

P. 257.

For wild Bougainvillea vine, read *Trichostigma octandra* (L.) H. Walt (host determination by R. A. Toro).

P. 270.

Add

**Cubana tortriciformis** Muir MS sp. nov.

from el Yunque (29-24).

P. 281.

To the host records of **Pseudococcus bromeliae** Bouché. add on aerial roots of "jagüey", *Ficus laevigata*, attended by "hormiguilla", at Manatí (24-24 det. Ferris).

Also add

**Pseudococcus comstocki** Kuwana — det. Ferris

from stomach of lizard, *Anolis pulchellus* D. & B., at Toa Baja (lizard No. 306).

P. 291.

Add a host record for **Pseudoparlatoria ostreata** Cockerell, on *Piper medium* stems from Manatí (25-24 det. Ferris).

P. 306.

Add

Opogona 206