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"INSECTAE PORTORICENSIS."

A PRELIMINARY ANNOTATED CHECK-LIST OF THE INSECTS OF PORTO RICO,
WITH DESCRIPTIONS OF SOME NEWS SPECIES.

BY

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RÍO PIEDRAS, P. R.

Hippelates pusio Loew
Coquillett.

Hippelates peruanus Becker
Malloch 13-244.

Hippelates tener Coquillett
Malloch 13-255.

Hippelates texanus Malloch—det. Aldrich
Wolcott 21-42: "Mimis"—abundant on cane at Guánica—
often in great abundance in cane fields at many other places
in the dryer parts of Porto Rico."
Annoying to man and animals, buzzing about and resting
on ears, nose, mouth and eyes.

Pseudogaurax lancifer Coquillett, 00-265, TYPE from Porto Rico:
reared from egg-sacs of spiders.
from eggs of spider, *Gasteracanthia cancriformis* Linn. (333-
21) and at Pt. Cangrejos (GNW).

Oscinis anonyma Williston
Coquillett.

Oscinis coxendix Fitch
Coquillett.

Oscinis nana Williston
Coquillett.

Oscinis obscura Coquillett 00-266, TYPE from Porto Rico.

Oscinis quadrilineata Williston
Coquillett.

Oscinis umbrosa Loew
Coquillett.

Oscinis virgata Coquillett
Coquillett.

DROSOPHILIDÆ.

Sigaloessa bicolor Loew
Coquillett.

Drosophila funebris Fabr.
Coquillett.

Drosophila fusca Coquillett 00-264, TYPE from Porto Rico.

Drosophila melanogaster Meigen
Van Z. (P. R. 110).
in decaying oranges (599-16).

Drosophila vittata Coquillett
Coquillett.

Drosophila sp.—det. Aldrich
from ovary of flower of "tibey", *Isotoma longiflora*, (490-
21).

Stenomicroa angustata Coquillett 00-262, TYPE from Porto Rico.

Gladochaeta nebulosa Coquillett 00-263, TYPE from Porto Rico.

GEOMYZIDÆ.

Anthomyza nigrimanus Coquillett

AGROMYZIDÆ.

Agromyza aeneiventris Fallen
Coquillett.
"probably *caerulea*" Aldrich.

Agromyza caerulea Malloch—det. Aldrich
from stem of *Eupatorium odoratum* (341-16); from morning
glory seeds (141-17).

Agromyza diminuta Walker = *A. pusila* Mg.
Coquillett.

Agromyza inaequalis Malloch, J. R., Proc. Wash. Ent. Soc., Vol.
XVI, No. 2, pp. 89-90, fig. 1. June, 1914: from leaves of
Vigna repens (983-13 TYPE & 1137-16).
from leaves of lima beans (722-17 det. R. T. Cotton).

Agromyza insularis Malloch—det. Aldrich
from seed pods of Chinese mustard (699-17).

Agromyza maculosa Malloch—det. Aldrich
from leaves of aster (211-22).

Agromyza minima Malloch, J. R., "Revision of Species of *Agro-
myza*", Ann. Ent. Soc. Amer., Vol. VI, No. 3, p. 328. TYPE
from Porto Rico.

Agromyza parvicornis Loew—det. Walton
from leaves of corn (719-12).

Agromyza neptis Loew
Coquillett.

Agromyza jucunda V. d. Wulp—det. Malloch
Coquillett.
from leaves of *Eupatorium odoratum* (1204-13, 1139-16).

J. H. C. (top)
 R. A. R. (top)
 H. L. W. (top)
 J. W. J. (top)
 M. A. R. (top)
 T. I. O. N. (top)
 T. I. O. N. (top)
 P. A. R. (top)
 L. I. W. (top)
 L. I. W. (top)
 A. R. L. (top)
 T. I. O. N. (top)
 T. I. O. N. (top)
 W. L. C. O. T. T. (top)
 1923 (top)

Agromyza plumiseta Malloch, J. R., Ann. Ent. Soc. Amer., Vol. VI, No. 3, p. 324. TYPE from Porto Rico.

Agromyza setosa Loew
Coquillett.

Agromyza viridula Coquillett, D. W., "New Acalyprate Diptera from North America," Jour. N. Y. Ent. Soc., Vol. X, pp. 190, Dec. 1902. TYPE from Porto Rico.

Desmometopa halteralis Coquillett 00-267, TYPE from Porto Rico.

Milichia indecora Loew
Coquillett.

Ophthalmomyia cineria Coquillett 00-268, TYPE from Porto Rico.

Ophthalmomyia lacteipennis Loew
Coquillett.

Leucopis bella Loew
Coquillett; from larvae feeding on *Dactylopius (Pseudococcus) citri*.
from *Pulvinaria psidii* Mask., on jobo (*Spondias lutea*) tree at Arroyo (173-12).

Cerodonta dorsalis Loew
Coquillett.
from mine in corn leaf (513-17).

HIPPOBOSCIDÆ.

Ornithoetona erythrocephala Leach
(as *Ornithomyia cryptocephala* Leach) Stahl.
Roeder. Gundlach, "Se encuentra en aves de diferentes familias."
Coquillett: on sparrow hawk.
collected by Mr. Alex Wetmore on sparrow hawk at Aibonito and Cabo Rojo; on P. R. Dove at Caguas, Jan. 8, 1911.

Lynchia maura Bigot—det. Aldrich
from domestic pigeon (8-21).

Olfersia albipennis Say
collected by Mr. Alex Wetmore at Río Piedras, Dec. 22, 1916.

Melophagus ovinus Linne
Van Z. (P. R. 91) on sheep.

STREBLIDÆ.

Trichobius dugesii Townsend
(as *Strebla vespertilionis* (as Fallen) Fabr.) Gundlach, "Vive sobre los murciélagos."
Coquillett.

Aspidoptera buskii Coquillett, D. W., "New Genera and Species of Nycteribidae and Hippoboscidae", Can. Ent., Vol. XXXI, pp. 333-336, Nov. 1899. TYPE from Bayamón, P. R., on bats (*Artibeus* sp.)

Pterellipsis araneae Coquillett, D. W., 90-334, TYPE from Porto Rico: on bats.