Notes on Immigrant Coleoptera.

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(Presented at the meeting of October 6, 1921.)

It is gratifying to be able to refer by name to a number of beetles which have rested in our insect cabinets for some time unidentified. The determinations which follow have been secured through the kindness of Mr. G. E. Bryant, of the Imperial Bureau of Entomology, to whom examples of the different species were referred for identification. The citation of previous references to the species is made as an additional means of recognition. In several cases the present reference is the first that has been made to the occurrence of the species in Hawaii. Immediately following the list of determinations is an extended list of species which have been known in Hawaii for some time without published notice. The bibliographical references furnished have been gained from Gemminger & Harold's Catalogue of the Coleoptera, Junk's Catalogue of the Coleoptera, Leng's Catalogue of North American Coleoptera and other miscellaneous sources of information, as indicated.

These additions to our knowledge of the local Coleoptera have resulted from a brief study of the literature and collections of the Board of Agriculture and Forestry and the Hawaiian Sugar Planters' Experiment Station.

RECENT DETERMINATIONS.

ANTHROBIDAe.

? Lawsonia sp.*

First record, April 6, 1916.
Earliest specimen collected by D. B. Langford in May, 1910.
Locality: Honolulu (Oahu).


* Specimens referred by Mr. Bryant to Dr. Karl Jordan, a specialist upon this group of beetles, have been recently identified as a new species belonging to the genus Ezillis, and will shortly be described and published.
Sybra alternans Wied.

 vide Pr. H. E. S. 3, p. 388; 4, pp. 39, 82.
First record, July 6, 1917.
Collected: Honolulu (Oahu).
S. alternans credited to Eschscholtz in litt. (cf. Lacord.
No reference to Wied. Locality, Malacca. Bridwell
(supra, p. 82) recognized the species in material col-
lected by Williams in the Philippine Islands.

Oedemeridae.

Ananca ? sinensis Gemm.

 vide F. H. 1 (6), p. CXXVI.
Earliest specimen collected by Swezey at Puako, Hawaii,
May 12, 1905. A second specimen captured by Swezey
on steamer at Hilo, Hawaii, May 24, 1915, and an-
other taken by Ehrhorn on wharf in Honolulu, June
6, 1911.
Ananca sinensis Gemm. Coleop. Heft. VI, 1870; chinensis
Bohem. Res. Eugen. 1858, p. 111 (G. & H. VII,
p. 2169).
Locality: Hong Kong.

Anthicus floralis L.

Not previously recorded.
Earliest specimen collected by Giffard, December 1, 1907.
Locality: Honolulu (Oahu).

Anthicus floralis L. Fauna Suec. 1761, p. 228; Syst. Nat.
ed. 12, p. 681. (G. & H. VII, 2095.)
This catalogue gives a lengthy synonomy and the follow-
ing distribution: Lombardia, Gallia, Anglia, Italia,
Germania, Chili, Am. bor. Junk (Anthicidae, p. 47)
adds Erythrea and Leng (p. 163) considers it cos-

Anthicidae.

Xylophilus sp.

Not previously recorded.
Earliest specimen collected by Swezey, October 17, 1905,
on mulberry in Honolulu.
The species has also been taken by Swezey on Hawaii, at Hilo, October 26, 1908, and on Kauai at Lihue, March 31, 1912.

**Tenebrionidae.**

**Platydema subfascia** Walker.


Earliest specimen collected by Giffard on Tantalus Mt., back of Honolulu (Oahu), December 26, 1904. This species has also been taken by Terry at Kealia, Kauai, October 21, 1905, and by Swezey on Maui, in Iao Valley, July 29, 1906.

First record, September 4, 1913.


Localities: India, Sunda Islands, S. China, etc.

**Blapstinus ? dilatatus** Lec.

*vide* Pr. H. E. S. 3, p. 373.

Earliest specimen collected by Swezey at Waipahu, Oahu, August 25, 1904. The species has also been taken by Swezey on Hawaii, at Kawaihae, September 5, 1919. First record, March 1, 1917.


Localities: Arizona and Southern California. Cited, also, by Leng (p. 231).

**Conibius sp. nr. brunnipes** Champ.

Not previously recorded.

Earliest specimen collected by Ehrhorn, August 16, 1917.

Locality: Honolulu (Oahu).?


Locality: Central America. Leng (p. 231) gives locality “Mex. (U. S.?)”

**Dermestidae.**

**Telopes undulata** Motsch.

Not previously recorded.

Earliest specimen collected by Terry, December, 1908.
Locality: Honolulu (Oahu).
Locality: India Or. Listed also by Junk (Dermestidae, p. 60.)

**THROSCIDAE.**

Trixagus sp.

*vide* Pr. H. E. S. 3, p. 289.
First record, October 5, 1916.
Locality: Honolulu (Oahu).

**STAPHYLINIDAE.**

Osorius rufipes Motsch.
Not previously recorded.
Earliest specimen collected at Olaa, Hawaii (collector's name not given), in April, 1918. The species has also been taken by Fullaway on Oahu, in Honolulu, September 9, 1919.

Locality: India Or.

Lithocharis ochracea Er.
Not previously recorded.
Specimens without date label.
Collected: Honolulu (Oahu).
*L. ochracea* credited to Gravenhorst in G. & H. (I, II, p. 622) and Leng's Cat. Col. N. A. (p. 103).

**DYTISCIDAE.**

Hydrovatus confertus Sharp.
Not previously recorded.
Earliest specimen collected by Terry in Honolulu (Oahu), June 12, 1904. The species has also been taken by Swezey on Hawaii at Olaa, April 19, 1920.

Locality: Siam.
**Carabidae.**

*Bembidium* sp.

Not previously recorded.
Earliest specimen collected at Honolulu (Oahu). Labeled "Kewalo." By Swezey, July 24, 1913.
The species has also been taken by Swezey on Maui, at Waihee, July 11, 1920.

*Perigona nigriceps* Dej.

Not previously recorded.
Earliest specimen collected at Honolulu (Oahu). Labeled Pond's Dairy, Kapahulu, ex cattle ordure. By Terry and Swezey, May 15, 1907.

*P. nigriceps* Dejean Spéc. gén. des Coleop. V, 1831, p. 44 (Leng, p. 64).
Localities given: Southern California, Africa, Asia.

**Hydrophilidae.**

*Cercyon* sp.

Not previously recorded.
Earliest specimens collected at Honolulu (Oahu), by Swezey, April, 1910.

**Trogositidae.**

*Lophacateres pusillus* Klug.

Not previously recorded.
Earliest specimens collected by Swezey at Honolulu (Oahu), October 2, 1914, in rice-hulls.

Localities given: Siam, S. C, Texas.

**Cleridae.**

*Thaneroclerus buqueti* Lef.

Not previously recorded.
Earliest specimen collected by Swezey at Lihue (Kauai), September 11, 1907.
The species has also been taken by Swezey at Honolulu (Oahu), August 18, 1913, ex rotten board on ground; September 7 and 27, 1914, at light.

Locality: India Or.
Marshall says: "An introduced insect, being known at present only from India and Ceylon."

**ADDITIONAL SPECIES NOT HITHERTO CREDITED TO HAWAII.**

**CURCULIONIDAE.**

*Imaliodes pusillus* Karsch.

Earliest specimens secured in October, 1906, from seeds of *Saraca indica*. Also reared from seeds of *Castanospermum australe*.

Locality: Honolulu (Oahu).

*Imaliodes pusillus* Karsch. B. E. Z. XXV, p. 10, pl. 1, fig. 15.

Locality: Marshall Islands.

**TENEBRIONIDAE.**

*Gnathocerus maxillosus* Fabr.

Earliest specimen collected by Terry, October 19, 1906.

Locality: Honolulu (Oahu).


Localities: America, Madeira, Canary Islands, S. France.

(Junk, Tenebrionidae III, p. 392.)

**DERMESTIDAE.**

*Anthrenus thoracicus* Melsh.

Earliest specimen collected by Langford July 7, 1909.


Locality: Honolulu (Oahu)?


**COCCINELLIDAE.**

*Stethorus vagans* Blackburn.

Earliest specimen collected by Austin, August 20, 1904.

Locality: Oahu.

*Stethorus vagans* Blackburn Tr. R. Soc. S. Australia, XV, p. 248.

Locality: Australia.
Pullus sp.
Earliest specimen collected by Terry at Lihue, Kauai, April, 1905.
This species has also been taken by Swezey on Oahu, at Honolulu, September 13, 1905, and on Hawaii, at Honokaa, August 11, 1915.

Lathridiidae.

Coninomus constrictus Gyll.
Earliest specimen collected by Swezey in Honolulu, March 11, 1921, on Lantana flowers.

Cucujidae.

Silvanus planatus Germ.
Earliest specimen collected by Terry at Aeia, Oahu, April 2, 1906.

Silvanus bidentatus Fab.
Earliest specimen collected by Swezey in Honolulu, April 11, 1917.
Locality: Europe.

Staphylinidae.

Aleochara puberula Klug.
Earliest specimen collected by Swezey at Waialae, Oahu, July 11, 1913.
Aleochara puberula Klug. Ins. Madag., p. 139.
Locality: Madagascar, Madeira, Gallia. "A true cosmopolitan Aleochara of the subg. Xenochara, first described from Madagascar, although occurring almost everywhere" (Fenyes in litt.).

Gibbium psylloides (Czem.).
Earliest specimen collected by Swezey in Honolulu, April 21, 1909.