

**A New Species of *Agrilus* from the Hawaiian Islands  
(Coleoptera: Buprestidae)**

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***Agrilus extraneus* n. sp.**

*Agrilus* sp. Sharp, Fauna Hawaiiensis, vol. 3, part 5, 1908, p. 400.

Male. Moderately elongate, vaguely flattened above, and rather strongly shining; head bright green, becoming cupreous on the occiput; pronotum and elytra olivaceous green, with a distinct aeneous and cupreous tinge in certain lights; beneath aeneous green, with the tarsi blackish.

Head with the front wide, feebly convex, about equal in width at top and bottom, the lateral margins feebly, arcuately expanded at vertex, and with a feeble, longitudinal groove on vertex and occiput; surface densely, finely granulose and irregularly, transversely rugose on the front, becoming longitudinally rugose on the occiput, with a few moderately coarse punctures between the rugae, and sparsely clothed, especially behind the epistoma, with moderately long, semierect, silvery white hairs; epistoma transverse between the antennae, and broadly, feebly, arcuately emarginate in front; antenna extending to middle of pronotum, serrate from the fourth joint, and the outer joints wider than long; eyes large, broadly oval, and equally rounded above and beneath.

Pronotum one-half wider than long, narrower at base than at apex, and widest at apical fourth; sides feebly rounded from apical angles to middle, then obliquely narrowed to the posterior angles, which are rectangular; when viewed from the side the marginal and submarginal carinae are feebly sinuate, widely separated anteriorly, and connected to each other at basal third; anterior margin strongly sinuate, with a broadly rounded median lobe; base deeply emarginate at middle of each elytron, with the median lobe freely, broadly rounded, and subtruncate or feebly emarginate in front of scutellum; disk moderately convex, broadly, vaguely depressed on each side along lateral margin, and with the prehumeral carinae only feebly indicated; surface rather finely, densely, transversely rugose, sparsely, finely punctate between the rugae, and sparsely clothed at the sides with short, recumbent, whitish hairs. Scutellum transversely carinate, and the surface finely, densely reticulate.

Elytra slightly wider than pronotum at base, and about equal in width at base and behind middle; sides parallel for a short distance behind base, broadly, arcuately constricted near middle, broadly, arcuately expanded behind middle, then obliquely narrowed to the tips, which are separately, narrowly rounded, and finely serrulate; sides of abdomen broadly exposed above; disk moderately convex, and with broad, moderately deep, basal depressions; surface finely, densely imbricate-punctate, and rather densely, uniformly clothed with short, recumbent, white hairs.

Abdomen beneath rather sparsely, finely punctate, and sparsely, uniformly clothed with recumbent, white hairs; vertical portions of segments slightly more densely pubescent than ventral surface; first and second

segments convex, and clothed with long, erect, white hairs at the middle; pygidium not distinctly carinate at middle. Prosternum finely, densely punctate or rugose, and rather densely clothed with long, white hairs, which are recumbent at the sides, erect at the middle, and extending along the median part of the body to the second abdominal segment; prosternal lobe broad, strongly declivous, and broadly rounded or subtruncate in front; prosternal process rather broad, the sides nearly parallel to behind the coxal cavities, then obliquely narrowed to the apex, which is acutely rounded. Posterior coxae with the posterior margin transversely truncate or feebly sinuate, and the exterior angle rectangular and not prolonged. Tibiae slender, and the anterior and middle pairs armed with a short tooth on the inner margin at apices. Posterior tarsus about one-half as long as tibia, and the first joint as long as the following two joints united. Tarsal claws dissimilar (claws on posterior feet missing); claws on anterior feet cleft near the tip, the teeth acute, and nearly equal in length; claws on middle feet cleft near middle, the inner tooth broad, much shorter than the outer one, and not turned inward. Length, 4.75 mm.; width, 1.4 mm.

Female. Unknown.

*Type locality*.—Honolulu, Oahu, Hawaiian Islands.

*Other locality*.—Waipahu, Oahu.

*Type*.—Bishop Museum.

*Paratypes*.—In the United States National Museum, Washington, and in the collection at the Experiment Station of the Hawaiian Sugar Planters' Association.

Described from three males, the type and one paratype collected at the type locality by R. C. L. Perkins (Perkins No. 757), and one paratype collected at Waipahu, Oahu, May, 1932, feeding on the pollen of *Argemone glauca*, by F. A. Bianchi. The three specimens were sent to me for identification by Mr. Bianchi; two of these specimens are from the Bishop Museum, and are the specimens referred to by Sharp\* as having been recently introduced into Oahu. Without any doubt this is an introduced species, as no species of Buprestidae have been recorded as indigenous to the Hawaiian Islands.

This is one of the obscure forms of this large genus, and resembles *Agrilus davaoensis* Fisher from the Philippine Islands. It differs, however, from that species in having the pubescence on the elytra more uniformly distributed, the prosternum without distinct depressions or prehumeral carinae, the prosternal process parallel to behind the coxal cavities, and the prosternum and first two abdominal segments clothed at the middle with long, erect, white hairs.

\* Fauna Hawaiiensis, vol. 3, part 5, 1908, p. 400.