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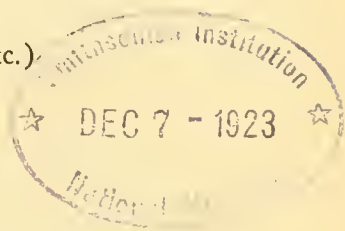
**EXPEDITION OF THE CALIFORNIA ACADEMY  
OF SCIENCES TO THE GULF OF  
CALIFORNIA IN 1921<sup>1</sup>**

THE HEMIPTERA (True Bugs, etc.)

BY

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In this paper are recorded all the Hemiptera, excepting the Coccidæ, taken by the 1921 expedition of the California Academy of Sciences to the islands of the Gulf of California. Two hundred and forty-six species and subspecies are here enumerated, of which 75 are described as new and five new genera are established. For further details regarding the localities mentioned and for the itinerary of the expedition the reader is referred to the account of the expedition by Mr. Joseph R. Slevin which precedes these papers.

Attention should be called to the fact that this work was done at the end of the dry season when insect life was at its lowest ebb, and the only Hemiptera obtainable were such individuals as had survived the vicissitudes of the dry season and the depredations of predacious birds and insects. The summer rains were just beginning as we approached Guaymas on the return home, and new forms were coming out in great numbers during our last two days' work at San Pedro Bay

<sup>1</sup>A map showing all the islands, etc., visited by this Expedition will be found in Vol. XII, No. 6, of these Proceedings. Copies of which can be supplied at nominal cost.

June 7, 1923

243. *Aphalara punctellus* Van Duzee, new species

Very small; pale yellowish, wings faintly smoky with numerous minute round clear points, quite regularly distributed; antennæ nine-segmented. Length 2 mm.

Vertex flat, moderately depressed, with an impression either side the median line, the lobes angularly rounded before, projecting but little before the frontal ocellus; cheeks forming an oblique rounded lobe either side the tumidly prominent clypeus; antennæ apparently nine-segmented; segment IX about two thirds the length of VIII and nearly connate with it. Male genital valve subcylindric when seen from side, rounded below and narrower at apex; forceps broad, pyriform, rounded at apex; anal valve ligulate, over four times as long as wide. Wings narrow, nearly parallel; venation normal for the genus; texture subopaque; color pale yellowish brown with numerous fairly uniform roundish hyaline dots; antennæ slightly infuscated.

Described from three males taken at San Nicolas Bay.

*Type*: Male, No. 1099, Mus. Calif. Acad. Sci., collected May 16, 1921, at **San Nicolas Bay, Lower California.**

244. *Aphalara mera* Van Duzee, new species

Small; clear light yellow; elytra hyaline, heavily maculated at apex; antennæ annulated. Length 2.5 mm.

Vertex sloping, slightly convex, nearly twice wider than long, with an impressed point either side the incised median line; lobes narrowed and rounded before; genæ sublunately convex, the tumid clypeus nearly filling the space between them. Antennæ ten-segmented, more than twice longer than width of head including the eyes. Male forceps oblong; anal valve formed much as in *pulchella*, the ventral lobe shorter and rounded at apex. Color a clear light fulvous yellow, becoming more whitish on legs and abdomen and testaceous on head; antennal segments annulated with black at apex, the annuli increasing in width from III. Wings hyaline, with a broad black concentric apical band carrying a clear marginal spot at center of each areole, that in the fourth bisecting the band; clavus with a black line at apex; pterostigma long and slender; tarsal claws black; tergum with black median vitta extending to the genital pieces.

Described from six males and 12 females taken at San Nicolas Bay, on *Atamisquæa emarginata*.

*Type*: Male, No. 1100, and *allotype*, female, No. 1101, Mus. Calif. Acad. Sci., collected May 16, at **San Nicolas Bay, Lower California.**

245. *Aphalara nupera* Van Duzee, new species

Straw-yellow; fore wings white, varied with fuscous. Length 2 mm.

Vertex barely twice wider than long, with a large fova either side of the incised median line; anterior margin produced in a rounded or almost conical prominence; clypens large, strongly produced in an erect conical process; mesonotum armed with a small tubercle either side behind the lateral pronotal tubercles; antennæ ten-segmented, nearly twice longer than width of head. Male forceps clavate, truncate at apex; anal valve with dorsal member truncate, ventral three times longer than dorsal, narrowed apically with tip rounded, the whole genitalia much as in Crawford's figure 172 (Bul. 85, U. S. Nat. Mus.). Color straw-yellow varied with a fulvous tint on head and thorax or with dull brownish in the male; abdomen in male largely black. Elytra whitish hyaline, marked with a transverse fuscous band a little before the apex; a large spot on middle of commissure and a small one on middle of costa; median field of disk dotted with fuscous flecks with a broad vitta of same at basal fourth, not reaching costa. In the female the colors and markings are paler.

Described from seven male and 18 female examples taken as follows: Angeles Bay, May 4; Gonzales Bay, April 29; Tepoca Bay, April 25.

*Type*: Male, No. 1102, and *allotype*, No. 1103, Mus. Calif. Acad. Sci., collected April 29, 1921, at **Gonzales Bay, Lower California**.

246. *Aphalara veaziei metzaria* Crawford

San Esteban Island, April 19, one female that seems to differ from material from the eastern states only in having the elytra sparsely but distinctly dotted almost to their base.

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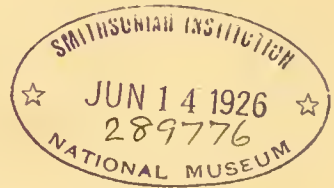
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