

PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON

NEW SPECIES OF CRABS FROM CURAÇAO.¹

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The specimens described were obtained at Curaçao by Prof. C. J. van der Horst, of the Zoological Laboratory, Amsterdam, and form part of a larger collection, a list of which will be published by the Dutch Zoological Society. The types of the new species are the property of the Amsterdam Museum.

Randallia curacaoensis, sp. nov.

Holotype.—Female, ovigerous; Spanish Water, Curaçao.

Measurements.—Female holotype, length of carapace 8.4 mm., width 7.5 mm.

Description.—Carapace subcircular, covered, except on anterior and antero-lateral portions, with large, unequal, close-set pustulous granules; intestinal region well defined, cardiac region ill defined, gastric and hepatic regions not delimited. The tuberculate antero-lateral margin terminates at the swollen pterygostomial protuberance. Intestinal region without lobes or spines. Front bilobed, median point not visible from above and exceeded by the projecting epistome. Chelipeds covered with flat granulations, coarse on the merus, becoming gradually finer until near the fingers. Legs slender, finely granulate. Abdomen and sternum coarsely granulate.

Xanthias vestitus, sp. nov.

Holotype.—Male; Spanish Harbor, Curaçao.

Measurements.—Male holotype, length of carapace 4.6 mm., width 6.4 mm.

Description.—Covered, except ends of fingers, with a very short feltlike pubescence which conceals granules and obscures antero-lateral teeth. When the felt is removed, the regions are fairly well indicated, a deep H at middle of carapace. Fine sparse granules on marginal regions. Four shallow, blunt antero-lateral teeth besides angle of orbit. Fronto-orbital distance a little over half as great as width of carapace, front less than a third the width of carapace. Carpus and manus of chelipeds covered with granules, fingers light-colored, fixed finger horizontal except at tip. Legs smooth.

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***Pinnixa vanderhorsti*, sp. nov.**

Holotype.—Male; Spanish Harbor, Curaçao.

Measurements.—Male holotype, length of carapace 3.4 mm., width 6 mm.

Description.—Carapace narrowing toward the sides, smooth, punctate, without posterior ridge; lateral marginal line disappearing toward hepatic region. Front curved downward and fringed with hair. Orbits in dorsal view inclined forward and outward. Chelipeds small, upper half of outer surface hairy; a longitudinal ridge through middle of manus; fingers horizontal. Legs broad, third pair much the largest. Terminal segment of abdomen semi-oval, its proximal end only slightly broader than the contiguous portion of preceding segment.

***Pinnixa arenicola*, sp. nov.**

Holotype.—Male; Spanish Harbor, Curaçao.

Measurements.—Male holotype, length of carapace 3 mm., width 6 mm.

Description.—Allied to the preceding. Posterior margin of carapace longer, antero-lateral region higher; front narrower, sides more convergent; cornea smaller. Propodus of third leg narrower at proximal end, dactylus slenderer and more curved. Third segment of abdomen transversely oblong, proximal and distal margins slightly bilobed by a median emargination, sides faintly sinuous; fourth segment very broad, having two transverse crescentic wings united medially by a very narrow neck; fifth and sixth segments together urn-shaped.