

NOTE XIV.

DIAGNOSES OF NEW SPECIES
OF MACRUROUS DECAPOD CRUSTACEA FROM THE
„SIBOGA-EXPEDITION”

BY

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III. ¹⁾

This paper contains the diagnoses of 11 new Species and of 2 new Varieties, all belonging to the genus *Alpheus* Fabr. The Macrura, collected by the „Siboga-Expedition”, are at present at Ierseke, but will be transferred to the Zoological Museum of the University of Amsterdam, as soon as they have been worked out.

1. *Alpheus Hailstonei* Cout., var. *laetabilis*, n.

Station 49a. Lat. 8°23'.5 S., long. 119°4'.6 E. Sapeh-strait. Depth 70 M.

Station 65a. Lat. 7°0' S., long. 120°34'.5 E. Depth from 400—120 M.

Station 154. Lat. 0°7'.2 N., long. 130°25'.5 E. Depth 83—59 M.

Station 240. Banda-anchorage. Depth from 9—36 M.

Station 282. Lat. 8°25'.2 S., long. 127°18'.4 E. Anchorage between Nusa Besi and the N. E. point of Timor. Depth 27—54 M.

Station 285. Lat. 8°39'.1 S., long. 127°4'.4 E. Anchorage South coast of Timor. Depth 34 M.

1) The first Part, containing the diagnoses of 28 new Species and of 1 new Variety, was published in 1905 in the „Tijdschrift der Ned. Dierk. Vereen.” (2) T. IX, pp. 587—614, the second Part with 19 new Species and 1 new Variety in 1907 in the „Notes from the Leyden Museum”, Vol. XXIX, pp. 127—147.

Station 303. Haingsisi, Samau-island. Depth up to 36 M.

Station 310. Lat. $8^{\circ}30'$ S., long. $119^{\circ}7'.5$ E. Depth 73 M.

This variety differs from the typical species inhabiting the Laccadive Archipelago by the dactyli of the three posterior legs that are armed, at about the distal fourth of their posterior margin, with a small accessory claw, whereas their anterior margin, a little farther distant from the extremity, carries a small tooth or spine, lying contiguous to that margin and at the base of which a few setae are inserted. Upper margin of meropodite of larger chelipede with 4 or 5, inner margin with 8 or 9 movable spinules; larger chela in adult specimens slightly broader (higher) than in the typical form. Fourth joint of carpus of 2nd legs distinctly shorter than the 2nd and in a less degree also than the 5th. Propodites of 3rd and 4th legs $1\frac{1}{3}$ — $1\frac{1}{2}$ times as long as the carpopodites.

Length 15 mm.

2. *Alpheus Hailstonei* Cout., var. *assimulans*, n.

Station 260. Lat. $5^{\circ}36'.5$ S., long. $132^{\circ}55'.2$ E.

2,3 miles N. 63° W. from the North point of Nuhu Jaan, Kei-islands. Depth 90 M.

Station 282. Lat. $8^{\circ}25'.2$ S., long. $127^{\circ}18'.4$ E.

Anchorage between Nusa Besi and the N. E. point of Timor. Depth 27—54 M.

Station 305. Mid-channel in Solor-strait off Kampong Menanga. Depth 113 M.

Closely related to the typical species and perhaps not different at all.

Second joint of antennular peduncle one and a half as long as the visible part of the 1st and $2\frac{1}{2}$ -times as long as the 3rd, stylocerite reaching to the end of 1st joint; carpocerite just as long as antennular peduncle, scaphocerite also as long as the latter or hardly longer. Inner margin of meropodite of larger chelipede with 4—6 small spinules;

Notes from the Leyden Museum, Vol. XXX.

