

*Second Gnathopods* differing little from the first; the wrist with three teeth on the hind margin, five teeth on the inner margin of the process, and the apical tooth; the hand not quite reaching the tip of the wrist's apical tooth, having six teeth on its inner margin. The dentate margins in both gnathopods have as usual some pectination in addition to the dentation.

*Fifth Peræopods*.—The terminal joints as figured by Claus, but not bearing the same proportion to the first joint, which is much longer than all of them together.

*Pleopods*.—Coupling spines very small, without any but the apical teeth; joints of the rami nine to ten in number.

*Uropods*.—The inner ramus of the third pair is rather widened at a little distance from the acute apex, in this respect not entirely agreeing with Claus' figure.

*Telson* longer than broad, triangular, somewhat more acute at the apex than that figured by Claus.

*Length*, a quarter of an inch.

*Locality*.—April 26, 1876, off St Vincent, Cape Verde Islands; lat.  $16^{\circ} 49' N.$ , long.  $25^{\circ} 14' W.$ ; surface; surface temperature,  $73^{\circ} \cdot 2$ . One specimen.

*Remark*.—The differences are too slight to admit of any reasonable doubt that this is the species described by Claus from the neighbourhood of Naples.

The following table shows the distribution of the genus *Brachyscelus* as illustrated by the Challenger specimens:—

1. April 26, 1876, off St Vincent, Cape Verde Islands; lat.  $16^{\circ} 49' N.$ , long.  $25^{\circ} 14' W.$ ; surface. One specimen (*Brachyscelus mediterranea*, see p. 1556).
2. Station 351, April 12, 1876; Atlantic, off coast of Africa; lat.  $9^{\circ} 9' N.$ , long.  $16^{\circ} 41' W.$ ; surface; surface temperature,  $81^{\circ} \cdot 8$ .
3. Station 103, August 22, 1873; Tropical Atlantic; lat.  $2^{\circ} 52' N.$ , long.  $17^{\circ} 0' W.$ ; surface-net, 100 fathoms; surface temperature,  $77^{\circ}$ .
4. October 5, 1873, South Atlantic; lat.  $29^{\circ} 1' S.$ , long.  $28^{\circ} 59' W.$ ; surface, night; surface temperature,  $65^{\circ} \cdot 2$ .
5. Station 319, February 12, 1876; South Atlantic; lat.  $41^{\circ} 54' S.$ , long.  $54^{\circ} 48' W.$ ; surface; surface temperature,  $59^{\circ} \cdot 5$ .
6. February 6–7, 1875, south of Mindanao, Celebes Sea; lat.  $6^{\circ} 20' N.$ , long.  $123^{\circ} 18' E.$ ; surface at night. (*Brachyscelus inæquipes*, see p. 1549.)
7. April 3, 1875, North Pacific, south of Japan; lat.  $24^{\circ} 49' N.$ , long.  $138^{\circ} 34' E.$ ; surface. (*Brachyscelus crusculum*, ♂, see p. 1544.)
8. Station 230, April 5, 1875; North Pacific, south of Japan; lat.  $26^{\circ} 29' N.$ , long.  $137^{\circ} 57' E.$ ; surface; surface temperature,  $68^{\circ} \cdot 5$ . Young male, lower antennæ not fully developed, first joint of first gnathopods only slightly twisted.