

little shorter than those of the first, and the third than those of the second, the armature nearly as in *Vibilia propinqua*.

*Telson* triangularly rounded, not quite half the length of the peduncles of the third uropods.

*Length*.—One-third of an inch.

*Locality*.—"Between Kerguelen and Heard I., February 3, 1874, surface"; lat.  $52^{\circ} 20' S.$ , long.  $72^{\circ} 14' E.$  One specimen.

*Remarks*.—There seems to be a close resemblance between this form and *Vibilia gracilentata*, Bovallius, from the Atlantic, but in that species the hinder corners of the coalesced segments of the pleon are "strongly produced backwards," and the peduncles of the third uropods are "linear," neither of which characters suits the Challenger specimen.

The following list shows the localities at which specimens of the genus *Vibilia* were obtained, arranged in sequence from the North Atlantic round to the North Pacific.

1. "June 18–19, 1873, surface"; between Stations 62 and 63, lat.  $35^{\circ} 7'$  and  $35^{\circ} 29' N.$ , long.  $52^{\circ} 32'$  and  $50^{\circ} 53' W.$  One specimen.

2. "Between Bermuda and Azores, surface"; lat.  $32^{\circ} 29'$  and  $39^{\circ} 0' N.$ , long.  $68^{\circ} 48'$  and  $27^{\circ} 0' W.$  Two specimens.

3. "April 27, 1876, North Atlantic, surface"; between Stations 352 and 353, lat.  $10^{\circ} 55'$  and  $26^{\circ} 21' N.$ , long.  $17^{\circ} 46'$  and  $33^{\circ} 37' W.$  Three specimens.

4. "April 13–14, 1876, off Africa, surface"; near Station 352, lat.  $10^{\circ} 55' N.$ , long.  $17^{\circ} 46' W.$  One specimen.

5. "October 5, 1873, South Atlantic, surface, night"; between Stations 130 and 131, lat.  $26^{\circ} 15'$  and  $29^{\circ} 35' S.$ , long.  $32^{\circ} 56'$  and  $28^{\circ} 9' W.$  One specimen (*Vibilia milnei*).

6. "Vibilia, South Atlantic, November 10, 1873"; Station 140, lat.  $35^{\circ} 0' S.$ , long.  $17^{\circ} 57' E.$  One specimen, mounted in Canada balsam.

7. "March 10, 1876, South Atlantic, surface"; Station 332, lat.  $37^{\circ} 29' S.$ , long.  $27^{\circ} 31' W.$  Six specimens.

8. "March 9, 1876, South Atlantic, surface"; Station 331, lat.  $37^{\circ} 47' S.$ , long.  $30^{\circ} 20' W.$  Five specimens.

9. "February 2, 1874, Antarctic, surface"; Station 150, lat.  $52^{\circ} 4' S.$ , long.  $71^{\circ} 22' E.$  One specimen (*Vibilia antarctica*).

10. "Between Kerguelen and Heard I., February 3, 1874, surface"; near Station 150. One specimen.

11. "March 9–10, 1874, south of Australia, surface, lat.  $48^{\circ} 18' S.$ , long.  $130^{\circ} 4' E.$ "; between Stations 158 and 159. Three specimens (*Vibilia australis*).