

Almost all the Hyperina, except in the genera *Lanceola*, *Cystisoma*, and *Phronima*, were expressly labelled as having been taken at or near the surface. In regard to the specimens of *Phronima*, it was probably considered that their capture at the surface would be taken for granted, their floating habitations having been frequently obtained.

How incomplete is our present knowledge of the whole group may be inferred, as well from the numerous additions which almost every voyage of scientific exploration makes to it, as in especial from those additions which the Challenger made by a few weeks stay in the Southern Ocean at Kerguelen Island and Heard Island. For, by the exertions of the Challenger Naturalists, from this small region, previously supposed to be very barren in Amphipods, the following list of species was obtained :—

Among the Gammarina :—

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| <i>Anonyx cicadoides</i> , n. sp., K. <sup>1</sup> | <i>Acanthechinus tricarinatus</i> , n. sp., H. |
| <i>Tryphosa antennipotens</i> , n. sp., H.         | <i>Iphimedia pacifica</i> , n. sp., K.         |
| <i>Tryphosa barbatipes</i> , n. sp., K.            | <i>Iphimedia pulchridentata</i> , n. sp., H.   |
| <i>Hippomedon kergueleni</i> (Miers), K.           | <i>Atyloides australis</i> (Miers), K.         |
| <i>Hippomedon trigonicus</i> , n. sp., K.          | <i>Harpinioides drepanocheir</i> , n. sp., K.  |
| <i>Cheirimedon crenatipalmatus</i> , n. sp., K.    | <i>Tritaxta kergueleni</i> , n. sp., K.        |
| <i>Sophrosyne murrayi</i> , n. sp., K.             | <i>Rhachotropis kergueleni</i> , n. sp., K.    |
| <i>Orchomene cavimanus</i> , n. sp., K.            | <i>Eusirus longipes</i> , Boeck, K. and H.     |
| <i>Lepidepcreum foraminiferum</i> , n. sp., K.     | <i>Eusiroides pompeii</i> , n. sp., H.         |
| <i>Socarnoides kergueleni</i> , n. sp., K.         | <i>Liljeborgia consanguinea</i> , n. sp., K.   |
| <i>Ambasia integricauda</i> , n. sp., K.           | and H.   |
| <i>Acontiostoma pepinii</i> , n. sp., K.           | <i>Photis macrocarpus</i> , n. sp., K.         |
| <i>Acontiostoma kergueleni</i> , n. sp., K.        | <i>Aora kergueleni</i> , n. sp., K.            |
| <i>Kerguelenia compacta</i> , n. sp., K.           | <i>Aora trichobostrychus</i> , n. sp., K.      |
| <i>Metopa nasutigenes</i> , n. sp., K.             | <i>Autonoe kergueleni</i> , n. sp., K.         |
| <i>Cardenio paurodactylus</i> , n. sp., K.         | <i>Gammaropsis exsertipes</i> , n. sp., K.     |
| <i>Phoxocephalus kergueleni</i> , n. sp., K.       | <i>Amphithoë kergueleni</i> , n. sp., K.       |
| <i>Harpinia obtusifrons</i> , n. sp., K.           | <i>Podocerus falcatus</i> (Montagu), K.        |
| <i>Urothoë lachneëssa</i> , n. sp., K.             | <i>Cerapus sismithi</i> , n. sp., K.           |
| <i>Halimedon schneideri</i> , n. sp., K.           | <i>Haplocheira plumosa</i> , n. sp., K.        |
| <i>Ediceroides rostrata</i> , n. sp., K. and H.    | <i>Platophium danæ</i> , n. sp., K.            |
| <i>Zaramilla kergueleni</i> , n. sp., K.           | <i>Neohela serrata</i> , n. sp., K.            |

Among the Caprellina :—

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| <i>Dodecas elongata</i> , n. sp., K. | <i>Protellopsis kergueleni</i> , n. sp., K. |
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Among the Hyperina :—

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| <i>Vibilia</i> sp., between K. and H. | <i>Euthemisto gaudichaudii</i> (Guérin), K. |
| <i>Primno</i> sp., K.                 |   |

<sup>1</sup> K. stand for Kerguelen, H. for Heard Island.