

STATIONS 144A
TO 145A.

Harpagifer bispinis, Forst. (50 to 75 fathoms); obtained at no other locality by the Challenger. Recorded from Kerguelen, Cape Horn, and Falkland Islands.

Macrurus carinatus, n.sp. One specimen (310 fathoms); obtained at no other locality.

Lepidopsetta maculata, n.g., n.sp. One specimen (310 fathoms); obtained at no other locality. Only species of the genus.

The Station-book records also an Actinian and other species of Brachyura (besides the one noted above).

In the foregoing list 192 species are enumerated, of which 129 are new to science, including representatives of 19 new genera; 65 of the new species and 6 new genera were not obtained elsewhere. From the dredging in 310 fathoms, about 250 specimens were obtained, belonging to 46 species, of which 36 are new to science, including representatives of 10 new genera; 23 of the new species and 5 new genera were not obtained elsewhere.

ORGANISMS FROM
THE DEPOSIT.

DIATOMACEÆ.—The following species of Diatoms were observed by Mr. Comber in the deposit from Station 145 (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.) :—

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| <i>Amphora proteus</i> , Gregory. | <i>Cocconeis scutellum</i> , var. <i>ampliata</i> , Grunow. |
| „ <i>angusta</i> , Gregory. | „ „ var. <i>distans</i> , Grunow. |
| „ <i>plicata</i> , Gregory. | „ „ var. <i>minutissima</i> , Grunow. |
| „ <i>cuneata</i> , Cleve (= <i>A. decora</i> , Castracane). | „ <i>costata</i> , Gregory. |
| <i>Navicula distans</i> , Ralfs. | „ „ var. <i>kerguelensis</i> , Petit. |
| „ <i>arenaria</i> , Donkin. | „ <i>decipiens</i> , Cleve. |
| „ <i>oscitans</i> , A. Schmidt, var. <i>subundulata</i> ,
Cleve and Grunow. | „ <i>cyclophora</i> , Grunow, var. |
| „ <i>brasiliensis</i> , Grunow. | „ <i>dirupta</i> , Gregory, var. <i>fulgur</i> , Brun. |
| „ <i>aspera</i> , Ehrenberg, var. <i>oblonga</i> , Cleve. | „ „ var. <i>sigma</i> , Pantoeseck. |
| „ „ var. <i>rhombica</i> , Cleve. | „ sp. (?). |
| „ <i>consors</i> , A. Schmidt. | <i>Orthonais wrightii</i> (= <i>Cocconeis</i> , O'Meara). |
| „ <i>smithii</i> , Brebisson. | <i>Achnanthes brevipes</i> , Agardh. |
| „ <i>splendida</i> , Gregory. | „ „ var. <i>subsessilis</i> , Grunow. |
| „ <i>multicostata</i> , Grunow. | „ <i>parvula</i> , Kutzing. |
| „ <i>gemmata</i> , Greville, var. <i>minuta</i> , Cleve. | <i>Gephyria incurvata</i> , Arnott. |
| „ <i>constricta</i> , Grunow. | „ <i>gigantea</i> , Greville. |
| „ <i>apis</i> , Donkin. | <i>Nitzschia distans</i> , Gregory, var. |
| „ <i>nitescens</i> , Gregory, var. | „ <i>apiculata</i> , Smith, var. |
| <i>Rhoikoneis bolleana</i> , Grunow. | „ <i>insignis</i> , Gregory. |
| <i>Pleurosigma kerguelense</i> , Grunow. | <i>Synedra</i> sp. (?). |
| <i>Rhoikosigma arcticum</i> , Cleve. | <i>Clavícula delicata</i> , Tempère. and Brun. |
| <i>Amphiprora duplex</i> , Donkin. | <i>Licnophora jurgensii</i> , Grunow, var. |
| „ <i>kriophila</i> , Cleve. | „ <i>australis</i> , Grunow. |
| „ <i>lepidoptera</i> , Gregory. | „ <i>californica</i> , Grunow. |
| <i>Cocconeis scutellum</i> , Ehrenberg. | <i>Fragilaria linearis</i> , Castracane. |
| | „ <i>capensis</i> , Grunow. |