

JAPAN.

Bathysebastes albescens, Steindachner and Döderlein. One specimen (Sea of Japan); obtained at no other locality by the Challenger.

Gonostoma microdon, n.sp. Two specimens (coast of Japan); for distribution see Station 23.

Harpodon microchir, n.sp. One specimen (Tokio); obtained at no other locality.

In the foregoing list 134 species are enumerated, of which 34 are new to science; 26 of the new species were not obtained elsewhere.

ORGANISMS FROM
SURFACE-NETS.

Surface Organisms.—The following species are recorded from the surface in the harbours and shallow waters of Japan :—

DIATOMACEÆ.—The following species were observed by Mr. Comber in the surface gatherings from Yeddo Bay :—

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| <i>Amphora quadrata</i> , Gregory. | <i>Amphiprora decussata</i> , Grunow. |
| „ <i>proteus</i> , Gregory. | <i>Cocconeis scutellum</i> , Ehrenberg. |
| „ „ var. <i>minor</i> , Grunow. | „ <i>costata</i> , Gregory. |
| „ <i>cymbifera</i> , Gregory. | „ <i>pseudo-marginata</i> , Gregory. |
| „ <i>diducta</i> , A. Schmidt. | <i>Nitzschia apiculata</i> , Grunow, forma <i>minuta</i> . |
| „ <i>lineolata</i> , Ehrenberg. | „ <i>dubia</i> , W. Smith. |
| „ <i>ostrearia</i> , Brebisson. | „ <i>pungens</i> , Grunow. |
| <i>Navicula distans</i> , Ralfs. | „ <i>socialis</i> , Gregory, var. <i>indica</i> , Castracane. |
| „ <i>crassa</i> , Gregory. | „ <i>sigma</i> , W. Smith. |
| „ <i>irrorata</i> , Greville, var. <i>elliptica</i> , Cleve. | <i>Surirella fastuosa</i> , Ehrenberg. |
| „ <i>cluthensis</i> , Gregory, var. <i>minuta</i> , Cleve. | „ <i>præclara</i> , A. Schmidt. |
| „ <i>lyra</i> , Ehrenberg, var. <i>elliptica</i> , A. Schmidt. | <i>Synedra fasciculata</i> , Kutzing. |
| „ <i>coffæformis</i> , A. Schmidt. | <i>Thalassiothrix frauenfeldii</i> , Grunow. |
| „ <i>suborbicularis</i> , Ralfs. | „ <i>nitzschiioides</i> , Grunow (= <i>T. curvata</i> ,
Castracane). |
| „ „ var. <i>forficula</i> , O'Meara. | <i>Asterionella japonica</i> , Cleve. |
| „ <i>campylodiscus</i> , Grunow. | <i>Grammatophora angulosa</i> , Ehrenberg, var. <i>uncina</i> ,
Grunow. |
| „ <i>smithii</i> , Brebisson. | „ sp. (?) |
| „ <i>bombus</i> , Kutzing. | <i>Actinocyclus moniliformis</i> , Ralfs. |
| „ <i>weissflogii</i> , A. Schmidt. | „ <i>ehrenbergii</i> , Ralfs. |
| „ <i>splendida</i> , Gregory. | „ <i>complanatus</i> , Castracane. |
| „ <i>aspera</i> , Ehrenberg, and var. | „ <i>ralfsii</i> , Ralfs. |
| „ <i>schmidtiana</i> , Grunow. | „ „ var. |
| <i>Schizonema smithii</i> , Agardh. | <i>Actinoptychus undulatus</i> , Ehrenberg. |
| <i>Mastogloia meleagris</i> , Grunow. | „ <i>areolatus</i> , A. Schmidt. |
| „ sp. (?) | „ <i>vulgaris</i> , Schumann, forma <i>spinulosa</i> . |
| <i>Pleurosigma decorum</i> , W. Smith. | <i>Asteromphalus flabellatus</i> , Greville. |
| „ <i>strigosum</i> , W. Smith. | „ <i>darwinii</i> , Ehrenberg, forma <i>oblonga</i> |
| „ <i>elongatum</i> , W. Smith. | <i>Coccinodiscus eccentricus</i> , Ehrenberg. |
| „ <i>balticum</i> , W. Smith. | „ <i>minor</i> , Ehrenberg. |
| <i>Amphiprora plicata</i> , Gregory. | „ <i>concavus</i> , Ehrenberg. |
| „ „ var. <i>japonica</i> , Castracane. | |
| „ <i>alata</i> , Kutzing. | |