

With reference to these shallow-water dredgings near Sydney, Willemoes-Suhm writes: "The Phyllo-pods of the neighbourhood of Sydney belong to the genera *Limnadia* and *Limnetis*, and are especially interesting because *Limnadia*, which was first found in some parts of Europe, is constantly parthenogenetic. The male of *Limnadia* is known only from the Australian species, as described by Claus; and Kreeft says that males and females are constantly found together here except in the wet season, as now, when no animals, only shells, could be got. Among the Crustacea taken in the dredgings on June 3, I found two species of *Serolis*, one of which had not been taken before, many Sphæromata, a long *Stenorhynchus*, and a *Ranina*-like crab." PORT JACKSON.

Surface Organisms.—The following species are recorded in the Zoological Reports from the surface and down to 50 fathoms in the neighbourhood of Sydney:— ORGANISMS FROM SURFACE-NETS.

COPEPODA (Brady, Zool. pt. 23).

- Calanus gracilis*, Dana.
 „ *tonsus*, n.sp.
 „ *valgus*, n.sp.
Eucalanus attenuatus (Dana).
 „ *setiger*, n.sp.
Pleuromma abdominale (Lubbock).
Leuckartia flavicornis, Claus.
Undina vulgaris, Dana.
 „ *darwinii*, Lubbock.
Scolecithrix danæ (Lubbock).
Euchæta prestandreæ, Philippi.
Ætidius armatus, n.g., n.sp.
Temora dubia (Lubbock).
Centropages furcatus (Dana).
Candace pachydactyla, Dana.
 „ *pectinata*, Brady.
Pontella acuta (Dana).
 „ *acutifrons* (Dana).
 „ *plumata* (Dana).
Oithona challengerii, n.sp.
Corycæus varius, Dana.
 „ *venustus*, Dana.
Oncæa obtusa (Dana).
Saphirina splendens, Dana.
 „ *inæqualis*, Dana.

AMPHIPODA (Stebbing, Zool. pt. 67).

- Phrosina australis*, n.sp.
Anchylomera sp. (?).
Primno latreillei, n.sp.
Phorcorrhaphis edwardsi, n.sp. (Off Australia).
Tetrathyrus moncæuri, n.sp.
Parascebus parvus, Claus.

SCHIZOPODA (Sars, Zool. pt. 37).

- Euphausia latifrons*, n.sp.
Nictyphanes australis, n.g., n.sp.
Thysanoëssa gregaria, n.sp.

MACRURA (Spence Bate, Zool. pt. 52).

- Sergestes armatus*, Krøyer.
Lucifer typus, Thompson.
Anebo-caris quadroculus, n.g., n.sp.
Leptocheila robusta, Stimpson.

PTEROPODA (Pelseneer, Zool. pt. 65).

- Clio (Styliola) subula* (Quoy and Gaimard).

TUNICATA (Herdman, Zool. pt. 76).

- Doliolum denticulatum*, Quoy and Gaimard (?).
Salpa democratica - mucronata, Forskåhl.