

more delicately than I could do. In any case this unique treasure is not lost. From the same neighbourhood there were some very beautiful Trochuses of the *Margarita* group, such as *Trochus (Margarita) brychius* from 1260 fathoms, far to the southeast of Kerguelen. Full-grown shells of *Voluta (Volutilithes) abyssicola*, H. and A. Ad., a species that has long been an object of interest from its connection with Eocene forms, but which was hitherto known only in one very young specimen, have been brought from near the Cape of Good Hope. *Turbo transenna*, a remarkable new form, comes from 565 fathoms near Japan. *Gaza dædala*, a new and very beautiful *Trochus*, was got in 610 fathoms off Fiji. The great group of the Pleurotomias is largely represented in species, and coming, as many do, from very deep water, they are of great interest, but in the main the specimens are few and poor.

“The presence of the fossil genus *Acteonina*, though in its least characteristic form, and distinguishable indeed from *Actæon* only by the absence of pillar teeth, is not without interest. Two of the Scaphanders, *Scaphander mundus* and *Scaphander niveus*, from the neighbourhood of the Philippines in 800 and 500 fathoms respectively, are very fine.

“That no addition either of species or of specimens should have accrued to the very limited number of living Pleurotomarias—distinctively a deep-water and very ancient genus—is a disappointment.

“As regards distribution, the habitat, hitherto unknown, of some littoral species has been determined. One or two almost forgotten species, such as *Trochus (Diloma) porciter*, A. Ad., have been recovered in their own home; but what is probably of highest interest is the proof obtained, though hardly for the first time, (1) of the existence of species such as *Puncturella noachina*, Linn., *Dentalium entalis*, Linn., *Scissurella crispata*, Flem., and *Homalogyra atomus*, Phil., in both Arctic and Antarctic waters; and (2) of the wide extension in the ocean of still surviving fossil species such as *Dentalium dentalis*, Linn., *Puncturella noachina*, *Puncturella (Cranopsis) granulata*, Seg., and *Puncturella (Fissurisepta) rostrata*, Seg., Italian Miocene fossils with others from the Pliocene.

“In a general way the facies of the deep-sea Molluscan fauna may be said to be paleness and fragility. If the number of new species and genera is larger proportionally in the deep than in the shallow water Stations, the fact can only be taken as indicating that a hitherto unexplored field has been entered on.”

*The Anomura.*—Mr. J. R. Henderson, M.B., C.M., who has undertaken the preparation of a Report on those families of Crustacea frequently grouped under this name, writes:—“The Challenger collection of Anomura has only recently been placed in my hands, and I have not yet had time to make a detailed examination of all the specimens. The collection, which is an extensive one, contains many new forms of