

distributed over the ocean-floor, the latter being derived from the disintegration of continental land through atmospheric and physical agencies and distributed in comparatively close proximity to that land. Of volcanic products the most characteristic is pumice, which may float for a long time in the surface waters of

Volcanic
products.

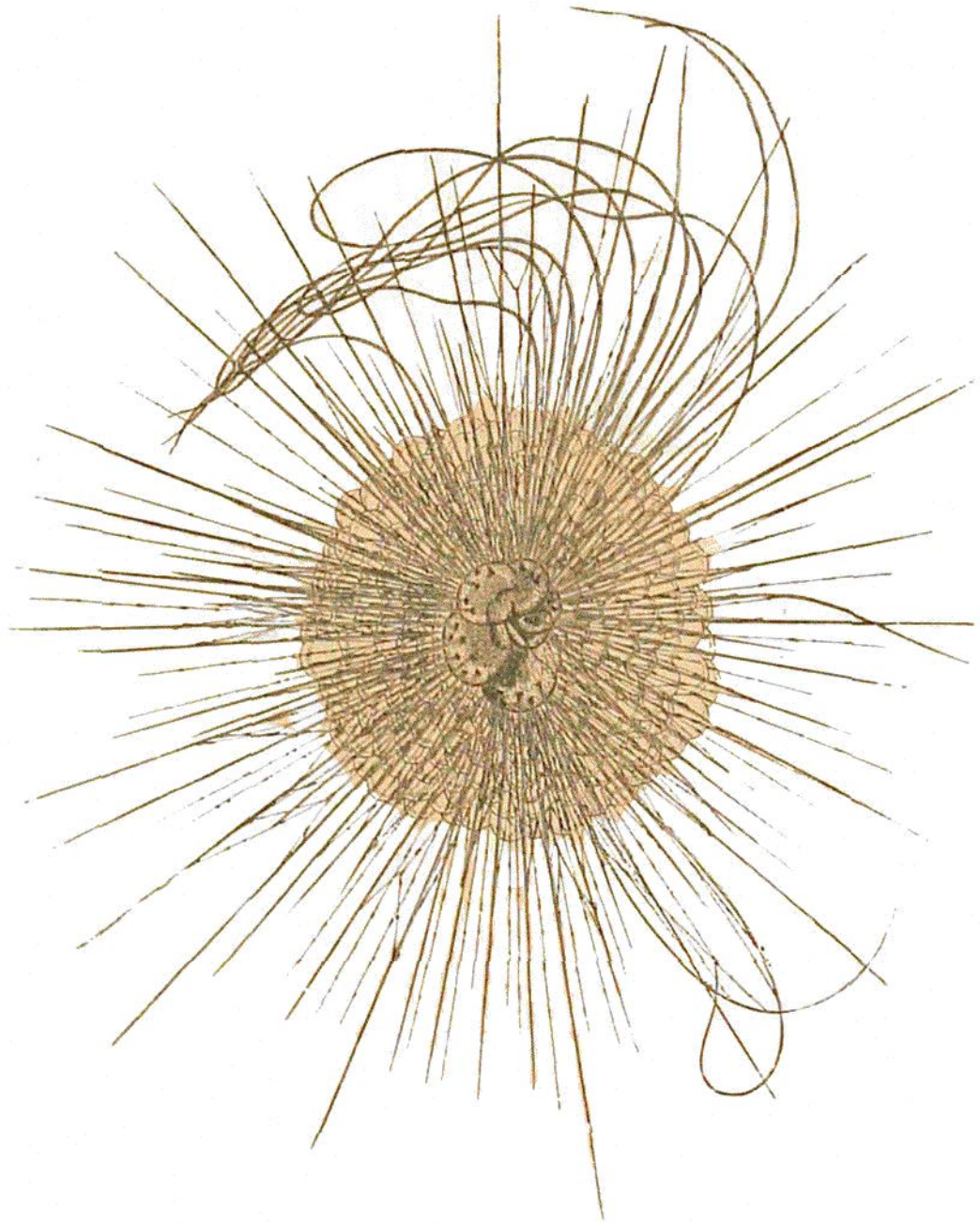


FIG. 120.

Hastigerina pelagica, d'Orbigny. From the surface (1^o).

the ocean and may be carried far from its original source before finally becoming water-logged and sinking to the bottom. While floating on the surface these stones are knocked against one another by the waves, and the broken-off fragments fall to the bottom. Three varieties of pumice have been recognised among the fragments from the sea-bottom: liparitic, basaltic