

active animal, and therefore less heavily loaded with blubber. The king-penguin is said to be its favorite food, a statement which speaks well for the sea-leopard's activity in the water, the penguin swimming rapidly enough of course to catch the fish upon which it feeds. The leopard is described as pursuing and overtaking the penguin under water, rising to the surface and tossing it into the air, so as to catch it more securely, crosswise, in its jaws.

Dr. W. Peters also describes a new species of *Otaria*,* the *Arctophoca gazella*, its specific name being given in honor of the sloop of war *Gazelle*, which carried the German transit of Venus expedition to Kerguelen Island. And Rev. Mr. Eaton, naturalist to the English expedition, speaks of two "species of platyrrhine seal",† in addition to the sea-elephant and sea-leopard. By our own party only four individuals of the *Phocidæ* were seen during four months' residence on the island. Two of these were thought to be sea-leopards, and two sea-elephants, one of the latter having been captured and preserved, as above stated. Sealers speak of a few scattering fur-seals upon this and Heard's Islands, but they have never been found in large numbers.

Many species of whales and porpoises abound in the neighboring seas. In the early days of whaling in the Indian Ocean, these islands are said to have literally swarmed with whales, for which the numerous inlets and bays of the archipelago furnished secure and sheltered breeding-places. Even now this region is one of the best whale-fishing grounds of the Antarctic Seas.

FISH.

(IDENTIFIED BY PROF. THEO. GILL.)

Very few fish were collected, owing to the want of boats. Several attempts were made with set-lines from the shore, but without success. From the deck of the *Swatara*, September 9, was caught, with a hand-line, a fine specimen of *Chænicthys rhinoceratus*, Richardson, which has been preserved. (Catalogue National Museum, No. 16642.)

There were also captured, at various times, under stones on the beach, at low water, small specimens of *Notothenia purpuriceps*, Rich., and *Harpagifer bispinis*, Rich. On the 2d January, dredging at 5 fathoms from the steam-cutter of the *Monongahela*, I obtained two small speci-

* Loc. cit.

† Annals and Magazine, October, 1875.

mens, one of which proves to be *Notothenia purpuriceps*, and the other (probably) *Notothenia tessellata*, Rich., hitherto reported from the Falkland Islands. Some of the dorsal rays having been injured in transportation, the diagnosis is not positive.*

The sealers reported that at times they had caught a fish of considerable size, "like a tom cod", at the outer edges of the kelp-beds; but state that fish are never very plentiful. None were found in the fresh-water streams.

A single specimen each of a species of *Gobiesox* and *Clinus* was brought from Table Bay, South Africa, having been captured on the shore.

MOLLUSKS.

BY W. H. DALE, SMITHSONIAN INSTITUTION.

CEPHALOPODA:

Octopus?

Beaks of a cephalopod, perhaps an *Octopus*, were discovered by Dr. Kidder in the stomachs of sea-birds. Also an *Octopus*, dead on the beach, after a storm, in too imperfect a condition for identification.

GASTEROPODA.

RISSOIDÆ.

GENUS EATONIELLA, Dall.

Eatonia, E. A. Smith, Ann. Mag. N. Hist. xvi, ser. iv, July, 1875, 70; (*not Eatonia*, Jas. Hall, 10th Rep. N. Y. State Univ. 90, 1857; Pal. N. Y. iii, 432, 1858.)

The name *Eatonia* being pre-occupied, as above, by Hall for a genus of brachiopods, I have substituted a modified form of it which does not appear to have been used. This genus is practically a thin, smooth *Rissoina*, as far as the shell goes, apparently bearing much the same relation to *Rissoina* that *Cingula* does to *Rissoa*.

EATONIELLA KERGUELENENSIS.

Eatonia kerguelenensis, E. A. Smith, l. c. 70.

Mus. No. 11898.

The specimens, five in number, collected by Dr. Kidder at low-water

* Gill, Synops. Notothenioids, Proc. Phil. Acad. Nat. Sci. 1861, 591.—Richardson, Ichthyology of the Erebus and Terror, 5.—Günther, Cat. Acanth. Fishes, ii, 260.