

from the Northern Atlantic stranded on various North European coasts, which he described as *Architeuthis dux*. The stranding of such giant squids is recorded from Nordland (where Collett heard of a specimen 12 feet long) and from Trondhjem. In my opinion it is an open question whether certain smaller squids do not passively invade the Norwegian coasts in enormous quantities from the Atlantic. During the cruises of the "Michael Sars" in the Norwegian Sea we never found the larvæ of the abundant *Gonatus fabricii*, but on our Atlantic cruise we caught them between Newfoundland and Ireland.

Our knowledge is, however, most exhaustive on the subject of the Fishes, and from Collett I have compiled the following list of Atlantic species found in Norwegian waters with their relative frequency :—

SCOMBRIDÆ (MACKERELS)

- Auxis thazardus*, 2 specimens.
Thynnus thynnus (the tunny), annually.
Euthynnus alliteratus, 3 specimens.
Sarda sarda, almost annually.

STROMATEIDÆ

- Centrolophus pompilus*, 2 specimens.

ZEIDÆ

- Zeus faber* (John Dory), about 16 specimens, between Christiania and Bergen.

LAMPRIDÆ

- Lampris guttatus*, annually one or more specimens.

BRAMIIDÆ

- Brama raii*, 1 specimen.
Pterycombus brama, 14 specimens.

TRICHIURIDÆ

- Trichiurus lepturus*, 1 specimen.

XIPHIIDÆ

- Xiphias gladius* (the swordfish), 30 or 40 specimens during the last twenty years, Christiania fjord to Finmark.

TRACHYPTERIDÆ

- Trachypterus arcticus*, annually one or more specimens stranded
Regalecus glesne, 12 specimens during sixty years.

STERNOPTYCHIDÆ

- Argyropelecus olfersi*, about 20 specimens observed as far as Finmark.
Argyropelecus aculeatus, 1 specimen.
Argyropelecus hemigymnus, 1 specimen in Finmark.