

just reaching the vent. The distance between the vent and the root of the ventrals equals the length of the head, without snout.

Light-coloured, with black margins to the vertical fins.

Habitat.—Pacific coast of south-western South America.

Near Magellan Strait, Station 305A; depth, 125 fathoms. Two specimens, 5 and 6 $\frac{1}{4}$ inches long.

Near Magellan Strait, Station 306A; depth, 345 fathoms. One specimen, 6 inches long.

Messier Channel, Station 307; depth, 140 fathoms. One specimen, 9 inches long.

Near Magellan Strait, Station 308; depth, 175 fathoms. Four specimens, 5 $\frac{1}{2}$ to 7 inches long.

Measurements :—

Total length,	105 lines.
Length of the head,	22 "
Diameter of the eye,	8 "
Length of the pectoral fin,	15 "
Distance of the vent from the ventrals,	16 "
Depth of the caudal peduncle,	2 $\frac{3}{4}$ "

Uraleptus, Costa.

Uraleptus maraldi.

Gadus maraldi, Risso, Ichth. Nice, p. 123, pl. vi. fig. 13.

Uraleptus maraldi, Costa, Faun. Napolit. Pesc., pl. xxxviii.

" " Günth., Fish., vol. iv. p. 349.

" " Johnson, Ann. and Mag. Nat. Hist., 1863, vol. x. p. 164.

Not very rare in the Mediterranean and off Madeira, and apparently an inhabitant of no great depths.

Physiculus, Kaup.

Physiculus et *Pseudophysicis*, Gthr.

In consequence of the discovery of several intermediate forms, a generic distinction between *Physiculus dalwigkii* and *Physiculus bacchus* cannot be maintained; and most probably the transition from the perfectly developed, many-rayed ventral fin, to the single filament of *Phycis* will be found to be so gradual, as to diminish the value of the structure of this fin as a taxonomic character in these fishes. Besides the species enumerated here, others have been described (*Physiculus brevisculus*, Rich. = *Physiculus bacchus*, Forst., *Physiculus barbatus*, Gthr. = *Physiculus palmatus*, Klunz.), but it is not known whether they descend to the same depths as their congeners.