loose, flapper-like extreme of fin extends 7 in. beyond the posterior base, and lies close upon the back. Second dorsal commences 2 ft. 2 in. from posterior base of first dorsal; height at posterior base, 4 in.; length, 14 in.; width at base, 7 in.; loose flapperlike extreme extends  $6\frac{1}{2}$  in. beyond the posterior base, and lies close upon the back, as the first. Caudal commences 12 in. from posterior base of second dorsal; extreme span, 2 ft. 7 in.; upper lobe, extent, 23 in.; lower lobe,  $16\frac{1}{2}$  in. Lower lobe commences 3 in. in advance of upper; carinated at base: carinal ridge, two inches from lower surface, and  $\ldots$  r inches from the upper surface.

## Fam. RAIIDÆ.

94. RAIA RADIATA, Don.

- 95. R. GRANULATA, Gill. M. S. This new species is given in Messrs. Goode & Bean's List of N. E. American Fishes (1879) as occurring on LaHave fishing-bank.
- 96. R. LEVIS, *Mitch.* Barn-door skate. Dr. Gilpin informs us that this species occurs on the west coast; Bay of Fundy.

## Fam. PETROMYZONTID.F.

97. PETROMYZON MARINUS, L. Lamprey. Not uncommon; generally found as a parasite on the gadoids.

Abundant F. C.) ind Shark. form the ining, was 1863, and fusiform, out to caust part, a aperture, rsal 1 ft. sal 81 in.; h osseous series of ches from like fluid yes, 1 ft. llary ap-1 in., and orifices, and disit 15 in. : nber, the rals, and in. long : situate extent, al gape, of first ectorals ranchial t. 4 in. base of First ; width xtremi-51 in. ;