

MYXINIDAE

Dorsal fin absent, although caudal fin extends onto the dorsal side; eyes obscure; barbels present around biting mouth; teeth only on tongue and double series on each side on “palate” .

1 - Distance from snout to last gill pore 15 – 19% TL

Eptatretus deani (Evermann & Goldborough, 1907

Black Hagfish

Range: SE Alaska (?) - British Columbia – Baja California

155 – 2520m

Fig.: Hart 1973:17

Notes: NODC #8606010101; NMFS #00110

Resem: Differs from *E. stouti* in having shorter head, longer tail, more numerous teeth and color.

Body black-prune to black.

Eyes not visible; snout flat, pointed, with 8 barbels

Four horny plates on the floor of the mouth, 2 outer ones with 11 – 13 teeth, inner ones with 10 – 11 teeth; 1 dorso-median tooth.

Base of tongue under 3rd gill opening; gill openings 10 – 12.

Eggs elongate – rounded, slightly curved, yellow

TL - 635

Head L

Body D 7.1 – 7.4% TL

Branch L 13.1 – 16.3% TL

MYXINIDAE

1 - Distance from snout to last gill pore 22.2 to 36.9% TL

Eptatretus stouti (Lockington, 1878)

Pacific Hagfish

Range: Southeastern Alaska – Baja California

9 – 944m

Fig. : Eschmeyer, et al 1983:10, Pl.1, fig. 20

Hart 1973:18:

Notes: NODC #8606010102: NMFS #00120

Body tan, usually somewhat mottled, 1st anal fin pale.

Eyes not visible other than light spot over eyes; fleshy barbels surround sucker-like mouth.

Very low keel or anal fin extends from behind last gill pore to anus.

Teeth 8 – 12 in each series.

Gill openings 10 – 24; branchial region 11.9 – 14.1% TL

Lateral mucus pores 76 – 80.

Eggs elongate – round, curved, yellow, usually larger than of *E. deani*.

TL -635

Body D 5.6 – 7.7% TL

PreAnus L 85.7 – 89.7% TL