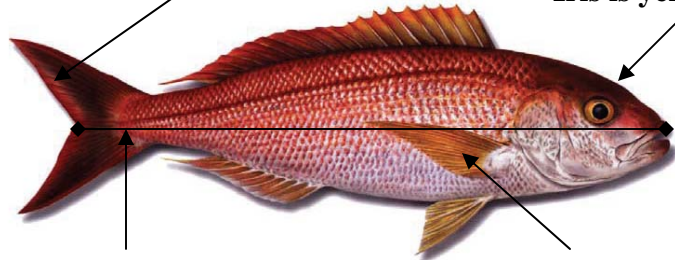


Bottomfish Identification Card

Local name – **Opakapaka**
 Common name – Pink snapper, looks brown/bronze
 Scientific name – *Pristipomoides filamentosus*
 Size – up to 20 pounds and 2.5 ft long
 Ave. size at first maturity - 20.5 inches
 Spawning - June—December

Caudal fin has orange edge

Iris is yellow in color

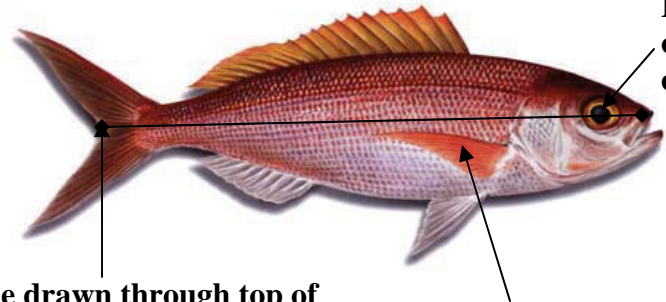


Line drawn through top of upper jaw goes below the eye

Pectoral fin is yellow or brownish in color

Local name – **Kalekale**
 Common name – Von Siebold's snapper, looks brown/bronze
 Scientific name – *Pristipomoides sieboldii*
 Size – up to 6 pounds, more commonly 1 - 4 lbs, and up to 1 ft long
 Ave. size at first maturity - 11.5 inches
 Commonly mis-identified as opakapaka

Iris is amber or orange/red in color



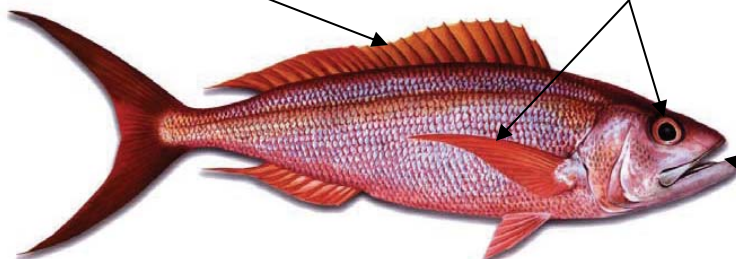
Line drawn through top of upper jaw goes through the mid-point of the eye

Pectoral fin is orange/red in color

Local name – **Lehi**
 Common name – Reddish snapperfish
 Scientific name – *Aphareus rutilans*
 Size – to 20 lbs, usually 5-12 lbs and up to 3 ft long
 Caught while fishing for opakapaka

Dorsal fin with yellowish boarder

Fins and iris reddish brown in color



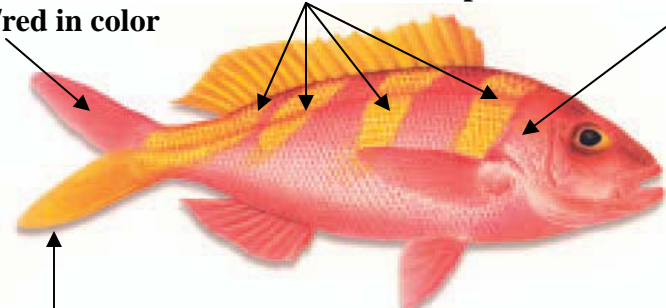
Thick robust bottom jaw

Local name – **Gindai**
 Common name – Flower snapper, Brigham's snapper
 Scientific name – *Pristipomoides zonatus*
 Size – up to 6 lbs, usually 1-4 lbs and up to 1 ft long
 Color—Red with yellow bans/bars

Top lobe of caudal fin is orange/red in color

Yellow saddle-shaped bars

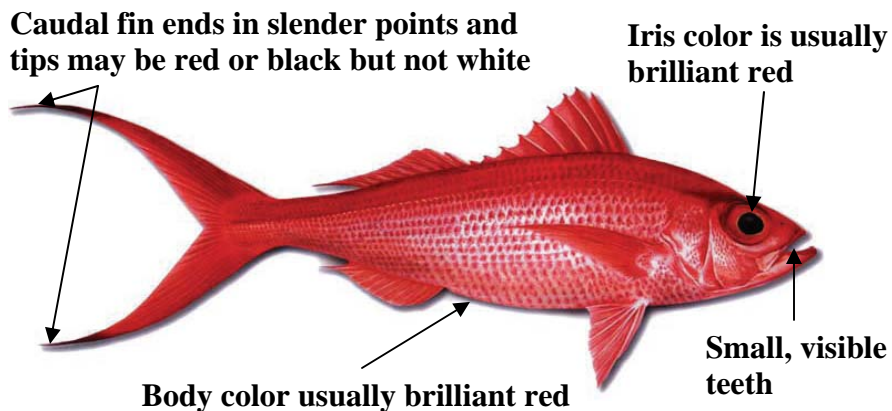
Body color is orange/red



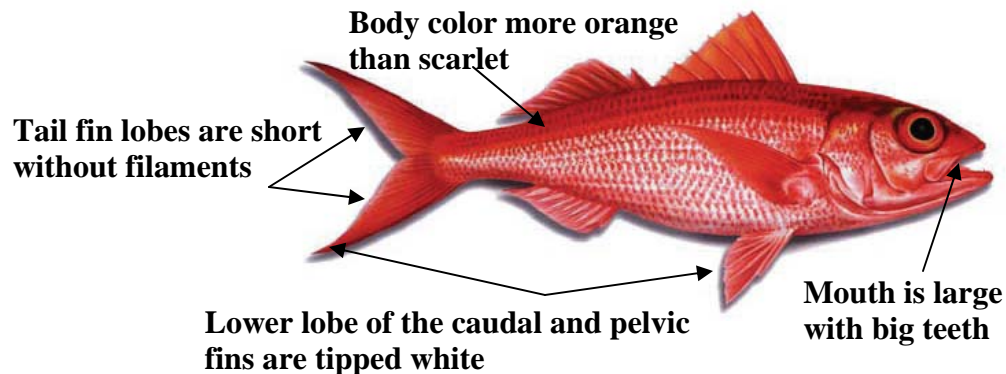
Bottom lobe of caudal fin is yellow in color

Bottomfish Identification Card

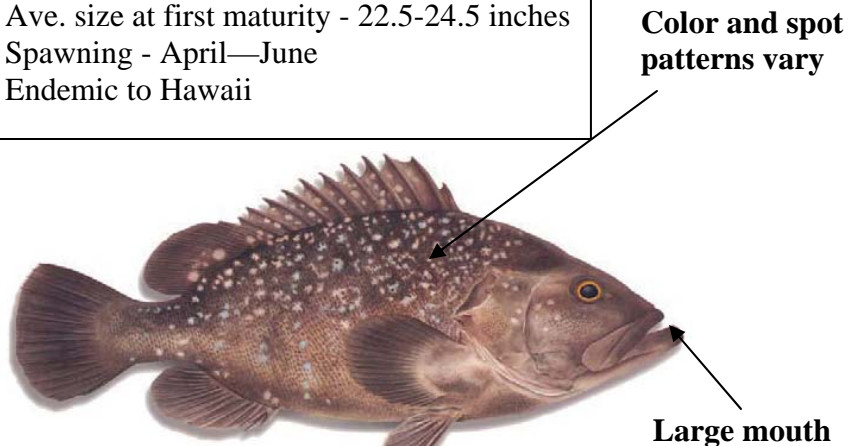
Local name – **Onaga**, ula ula koae
 Common name – Scarlet or red snapper
 Scientific name - *Etelis coruscans*
 Size – up to 30 pounds and 3 ft long
 Ave. size at first maturity - 26.5-28.5 inches
 Spawning— June—November



Local name – **Ehu**, ula ula
 Common name – Red snapper
 Scientific name - *Etelis carbunculus*
 Size – up to 12-15 pounds, more commonly in the 1-6 pound range, and up to 2 ft long
 Ave. size at first maturity - 11 inches

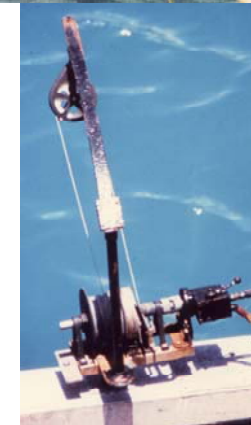


Local name – **Hapuupuu**
 Common name – Hawaiian Grouper
 Scientific name - *Epinephelus quernus*
 Size – up to 70 lbs and 3 ft long
 Ave. size at first maturity - 22.5-24.5 inches
 Spawning - April—June
 Endemic to Hawaii



MHI Bottomfish Fishery Characteristics

- Mixed fleet ranges from “old-style” commercial sanpans to “off the shelf” recreational vessels.
- Vessel size can range from 15-65 feet.
- Hook and line fishery.
- Electric and hydraulic reels are common.
- Terminal gear generally consist of 4-10 baited hooks, large lead weight and chum (palu) bag.
- Bait generally consist of squid or fish.
- One to three fishermen per vessel are common.
- Trip duration usually last a day or overnight, but can range up to 7 days



Photos: Electra-mate (top) and hydraulic (bottom) reels.