### Opakapaka
- **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
- **Distinctive features:**
  - 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

### Kalekale
- **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
- **Distinctive features:**
  - 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

### Lehi
- **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
- **Distinctive features:**
  - Dorsal fin with yellowish boarder
  - Fins and iris reddish brown in color
  - Thick robust bottom jaw

### Gindai
- **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**
- **Distinctive features:**
  - 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

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## Bottomfish Identification Card

### Onaga, ula ula koae
- **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

- **Caudal fin ends in slender points and tips may be red or black but not white**
- **Iris color is usually brilliant red**
- **Body color usually brilliant red**
- **Small, visible teeth**

### Ehu, ula ula
- **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

- **Body color more orange than scarlet**
- **Tail fin lobes are short without filaments**
- **Lower lobe of the caudal and pelvic fins are tipped white**
- **Mouth is large with big teeth**

### Hapuupuu
- **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**

- **Color and spot patterns vary**
- **Large mouth**

### 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.*

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