

# Channel Islands National Park's Kelp Forest Monitoring Program

*Indicator species reference guide for*

## **FISH SIZE FREQUENCY**



# Coming Soon...

- Typical size classes
- Additional non-indicator species

# ***Embiotoca jacksoni***

Black surfperch



C. Grossman/diver.net



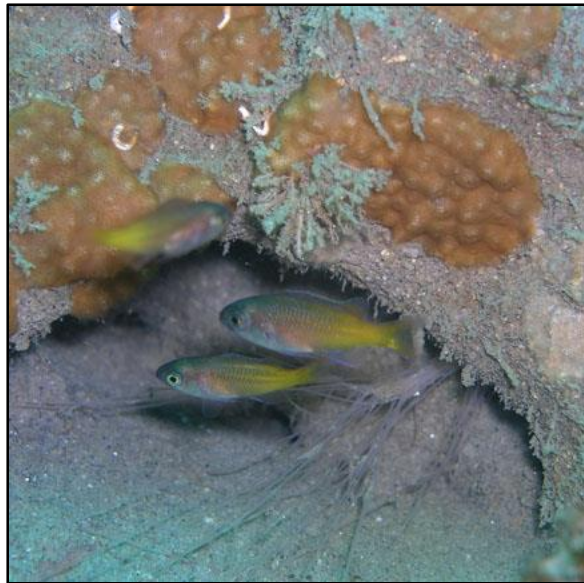
J. Alstatt

# ***Chromis punctipinnis***

Blacksmith



A. Griffiths

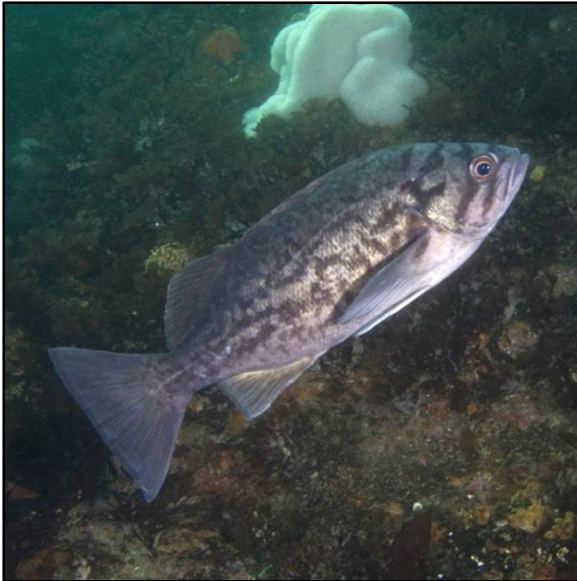


L. Valker/divebums.com

# ***Sebastes mystinus***

Blue rockfish

Adult



J. Yasaki/Chabot College

Juvenile



C. Gwinn/blackcormorant.net



# ***Semicossyphus pulcher***

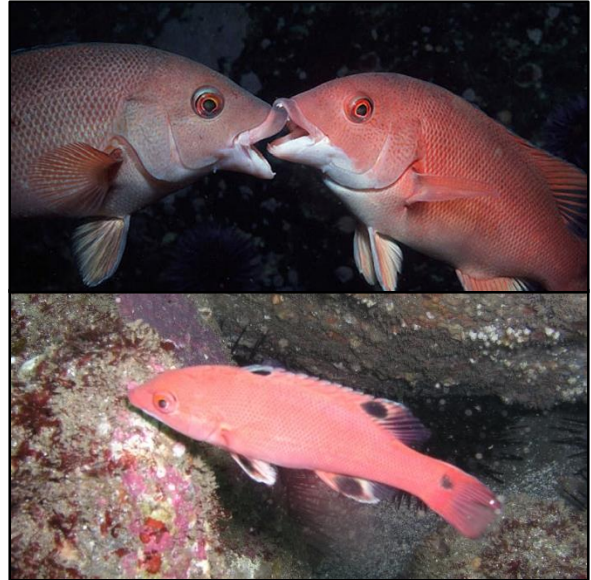
California sheephead

Male



S. Halewood

Female (top) and Juvenile (bottom)



R. Herrmann/richardhermann.com (top), KFM (bottom)

***Hypsypops rubicundus***  
Garibaldi

Adult



K. Moore

Juvenile



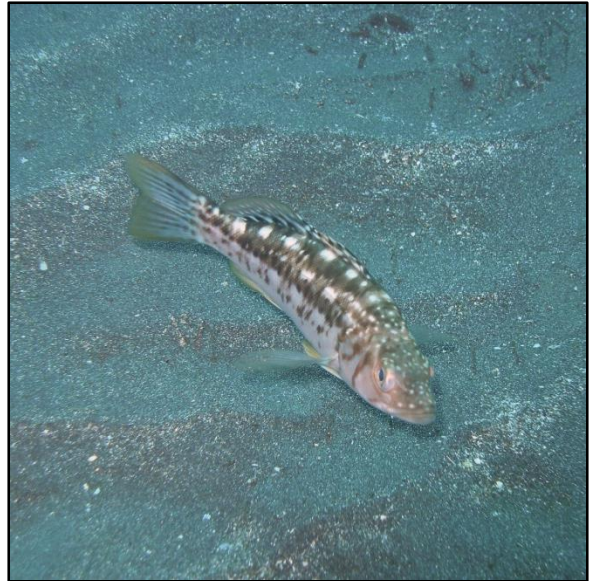
D. Stein/DFG

# ***Paralabrax clathratus***

Kelp bass



S. Halewood



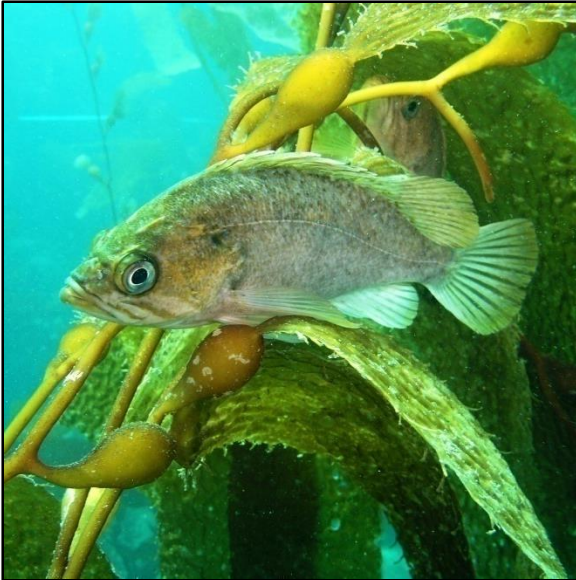
J. Sprague



# ***Sebastes atrovirens***

Kelp rockfish

Adult



G. Sanders

Juvenile



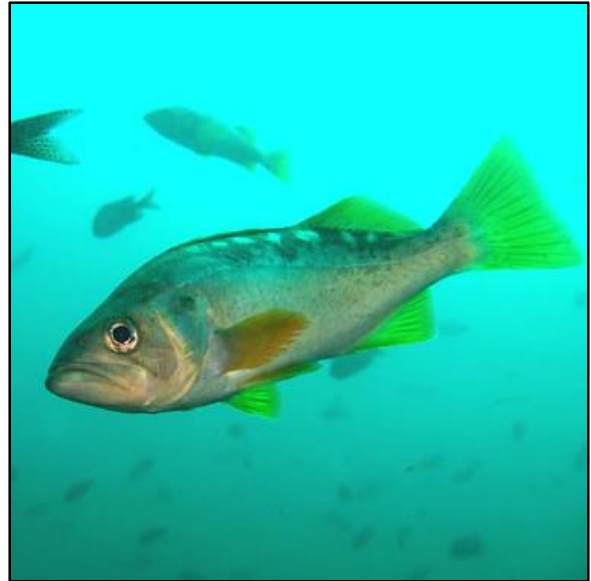
C. Gwinn/blackcormorant.net

# ***Sebastes serranoides***

Olive rockfish



KFM



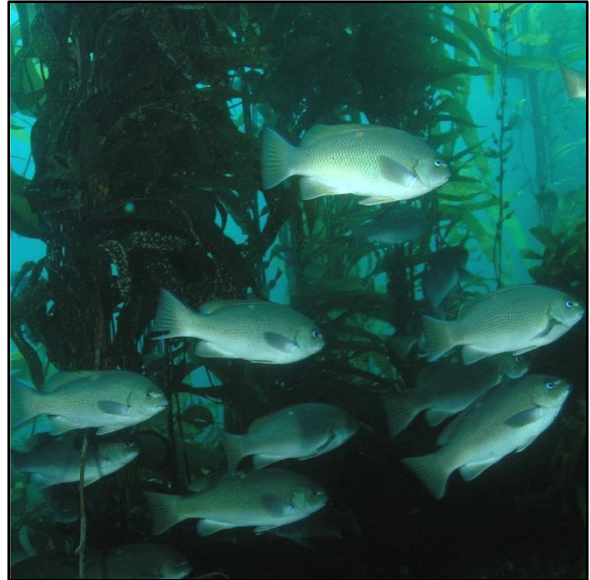
S. Geitler/divebums.com

# ***Girella nigricans***

Opaleye



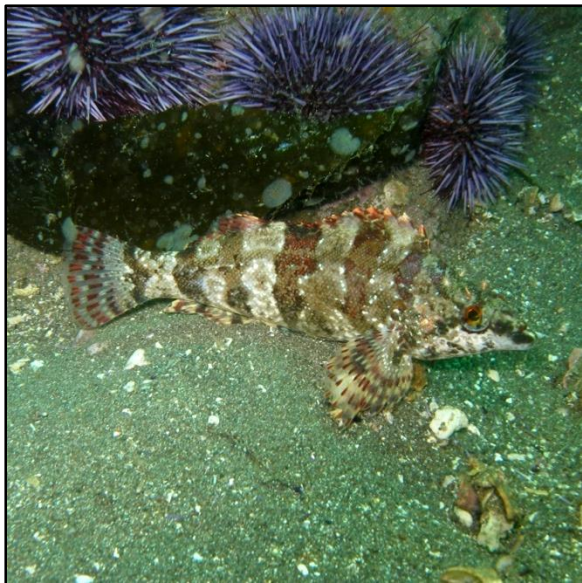
C. Grossman/diver.net



C. Grossman/diver.net

# ***Oxylebius pictus***

Painted greenling



S. Halewood



S. Halewood



***Damalichthys vacca***

Pile perch



D. Witting

***Rhacochilus toxotes***

Rubberlip surfperch

*(Non-indicator species)*



D. Witting

# ***Halichoeres semicinctus***

Rock wrasse

Male



Kozyndan

Female (top) and Juvenile (bottom)



fishbase.org

# ***Oxyjulis californica***

Senorita



PISCO



Kozyndan

# ***Embiotoca lateralis***

Striped surfperch



J. Alstatt



Xinmincat



# ***Sebastes serriceps***

Treefish

Adult



D. Witting

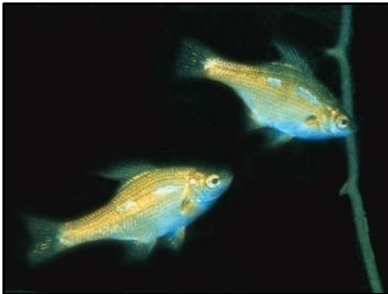
Juvenile



G. Sanders

# Common Non-indicator Species

(examples)



Clockwise from top left: *Medialuna californiensis* (PISCO), *Scorpaenichthys marmoratus* (D. Stein/DFG), *Sebastes caurinus* (D. Stein/DFG), *Scorpaena guttata* (D. Stein/DFG), *Lythrypnus zebra* (Gary McCarthy), *Brachyistius frenatus* (PISCO).