

# California Fish and Inverts Study List

Updated January 2018

-  Study these for Level 2
-  Add these for Levels 3-5



Contact [janna@REEF.org](mailto:janna@REEF.org) if you'd like to take any of the experience level tests (2-5)

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## Damselfish Family

-  Blacksmith
-  Garibaldi - Juvenile
-  Garibaldi

## Greenling Family

-  Kelp Greenling - F
-  Kelp Greenling - M
-  Ling Cod
-  Painted Greenling

## Kelp Blenny Family

-  Giant Kelpfish
-  Island Kelpfish
-  Crevice Kelpfish

## Prickleback Family

-  Masked Prickleback
-  Monkeyface Prickleback

## Scorpionfish Family

-  California Scorpionfish
-  Black and Yellow Rockfish
-  Black Rockfish
-  Blue Rockfish
-  Bocaccio Rockfish
-  Brown Rockfish
-  Canary Rockfish
-  China Rockfish
-  Copper Rockfish
-  Gopher Rockfish
-  Grass Rockfish
-  Honeycomb Rockfish
-  Kelp Rockfish
-  Olive Rockfish
-  Rosy Rockfish
-  Treefish
-  Vermilion Rockfish
-  Yelloweye Rockfish -Adult
-  Yelloweye Rockfish -Juv
-  Yellowtail Rockfish
-  YOY Rockfish

## Goby Family

-  Bay Goby
-  Blackeye Goby
-  Bluebanded Goby
-  Zebra Goby

## Grunt Family

-  Salema
-  Sargo

## Sand or Left Eye Flounder

-  California Halibut
-  Pacific Sanddab
-  Speckled Sanddab

## Right Eye Flounder

-  C-O Sole

## Ronquil Family

-  Bluebanded Ronquil
-  Stripefin Ronquil

## Sculpin Family

-  Cabezon
-  Coralline Sculpin
-  Lavender Sculpin
-  Longfin Sculpin
-  Scalyhead Sculpin
-  Snubnose Sculpin

## Sea Bass Family

-  Barred Sand Bass
-  Giant Sea Bass
-  Kelp Bass
-  Spotted Sand Bass

## Sea Chub Family

-  Halfmoon
-  Opaleye
-  Zebraperch

### Wrasse Family

- California Sheephead - F
- California Sheephead - M
- California Sheephead - Juv
- Rock Wrasse - F
- Rock Wrasse - M
- Senorita

### Surfperch Family

- Black Perch
- Kelp Perch
- Pile Perch
- Rainbow Seaperch
- Rubberlip Seaperch
- Shiner Perch
- Striped Seaperch
- Walleye Surfperch
- White Seaperch

### Odds and Ends

- Bat Ray - Eagle Ray Family
- Cal. Lizardfish - Lizardfish Family
- Horn Shark - Bullhead Shark Family
- Ocean Whitefish - Tilefish Family
- Silversides - Silversides Family
- Tubesnout - Tubesnout Family
- Angel Shark - Angel Shark Family
- California Moray - Moray Family
- Jack Mackerel - Jack Family
- Leopard Shark - Hound Shark Family
- Ocean Sunfish - Mola Family
- Pac. Electric Ray - Torpedo Elec. Ray Fam.
- Pipefish sp. - Pipefish Family
- Round Ray - Round Stingray Family
- Sarcastic Fringehead - Tube Blenny Family
- Shovelnose Guitarfish - Guitarfish Family
- Spotted Cusk Eel - Cusk Eel Family
- Thornback - Thornback Family
- Wolf Eel - Wolf Fish Family

## Invertebrates - all levels

(common names as listed in Gotshall's Guide to Marine Invertebrates, Baja to Alaska)

NON-NATIVE species marked in RED!

### Algae

- Asian Kelp Wakame
- Bull Kelp
- Giant Kelp
- Northern Sea Palm
- Oarweed
- Southern Sea Palm

### Arthropoda

- Brown Rock Crab
- Masking/Sheep Crab
- Northern Kelp Crab
- Coonstripe Shrimp
- Red Rock Shrimp
- Spiny Lobster

### Annelida

- Christmas Tree Worm
- Colonial Sand Tube Worm
- Feather Duster Worm

### Cnidaria

- Brown Gorgonian
- California Golden Gorgonian
- Red Gorgonian
- Orange Cup Coral
- Purple Hydrocoral
- Strawberry Anemone
- Tube Dwelling Anemone
- White Spotted Anemone

### Bryozoa

- Fluted Bryozoan
- Lacy Bryozoan
- Northern Staghorn Bryozoan
- Southern Staghorn Bryozoan

### **Echinodermata**

<input type="checkbox"/>	Bat Star
<input type="checkbox"/>	Giant Spined Star
<input type="checkbox"/>	Leather Star
<input type="checkbox"/>	Sunflower Star
<input type="checkbox"/>	Spiny Brittlestar
<input type="checkbox"/>	California Sea Cucumber
<input type="checkbox"/>	Warty Sea Cucumber
<input type="checkbox"/>	Crowned Urchin
<input type="checkbox"/>	Purple Urchin
<input type="checkbox"/>	Red Sea Urchin
<input type="checkbox"/>	White Urchin
<input type="checkbox"/>	Eccentric Sand Dollar

### **Porifera**

<input type="checkbox"/>	Cobalt Sponge
<input type="checkbox"/>	Orange Puffball Sponge
<input type="checkbox"/>	Red Volcano Sponge

### **Urochordata**

<input type="checkbox"/>	Lightbulb Tunicate
<input type="checkbox"/>	Stalked Tunicate
<input type="checkbox"/>	Styela Clava - Club tunicate

### **Mollusca**

<input type="checkbox"/>	Green Abalone
<input type="checkbox"/>	Pink Abalone
<input type="checkbox"/>	Red Abalone
<input type="checkbox"/>	Chesnut Cowry
<input type="checkbox"/>	Giant Keyhole Limpet
<input type="checkbox"/>	Gumboot Chiton
<input type="checkbox"/>	Kellett's Whelk
<input type="checkbox"/>	Lewis' Moonsnail
<input type="checkbox"/>	Red Turban Snail
<input type="checkbox"/>	Rock Scallop
<input type="checkbox"/>	Wavy Turban Snail
<input type="checkbox"/>	Opalescent Nudibranch
<input type="checkbox"/>	San Diego Dorid
<input type="checkbox"/>	Sea Lemon
<input type="checkbox"/>	Spanish Shawl
<input type="checkbox"/>	Red Sea Hare
<input type="checkbox"/>	Red Octopus
<input type="checkbox"/>	Two-spot Octopus

### **REEF Experience Levels**

- 2** 20 question quiz on fish or invertebrates, 2 surveys, 80% passing score
- 3** 100 question test on fish and invertebrates, 25 surveys, 80% passing score
- 4** 100 question test on fish and invertebrates, 35 surveys, 90% passing score
- 5** 100 question test on fish and invertebrates, 50 surveys, 95% passing score

Contact [janna@reef.org](mailto:janna@reef.org) if you'd like to take an experience level test.

For levels 3-5 you must have the required number of surveys already in the database before taking the test.

For all tests you must know common name and family (fish) or phylum (inverts)