



Port of
LONG BEACH
THE PORT OF CHOICE

Port of Long Beach Biological Resources

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POLB/POLA Biological Surveys

- Used to measure the progress & success of the Port's water quality programs

Study Elements

- Physical characteristics (water quality/sediment size);
- Benthic infauna;
- Ichthyoplankton;
- Demersal fish and macroinvertebrates;
- Pelagic and shallow-water fishes;
- Riprap epifauna;
- Kelp and macroalgae;
- Eelgrass;
- Birds;
- Marine mammals;
- Presence of non-native species





Wildlife

Increased biodiversity with every survey



Harbor Birds

Peregrine Falcon Monitoring



Nesting sites on the
Gerald Desmond Bridge



Marine Mammals



Fish Trawling





Survey of Pier Pilings

Macroalgae Surveys

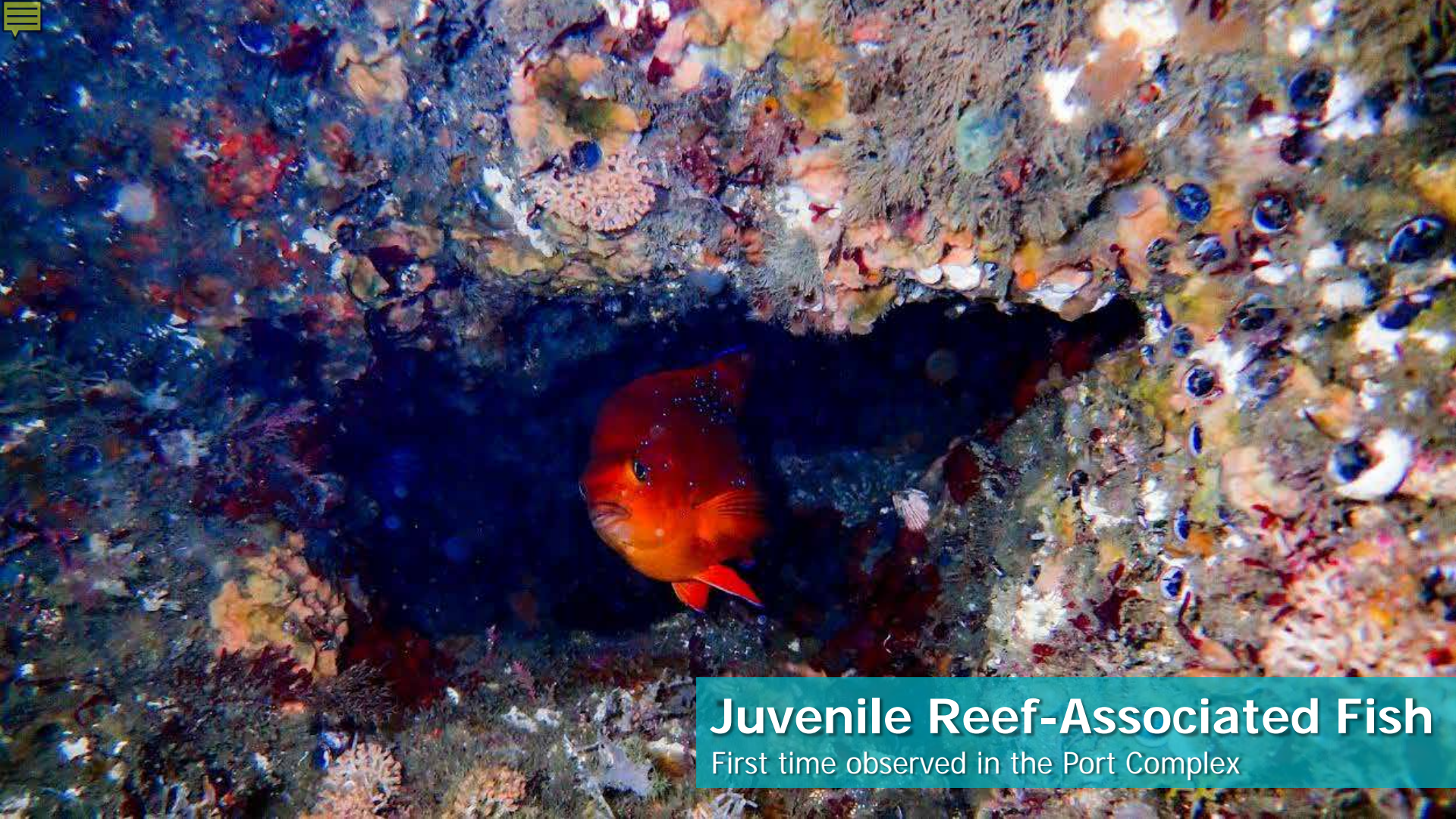




Green Abalone

3 new abalone species!





Juvenile Reef-Associated Fish
First time observed in the Port Complex

A large, dark seal is swimming underwater, looking towards the camera. The water is a deep teal color. In the top left corner, there is a small yellow speech bubble icon.

2023 Biological Survey

- **Already underway**
- **Improved diversity**
 - **Rockfish**
 - **Large rays**
 - **Leopard sharks**
 - **More kelp**

