

GOBY CARE
SOP # = Ostei4

PURPOSE: To describe methods of care for gobies.

POLICY: To provide optimum care for all animals.

RESPONSIBILITY: Collector and user of the animals. If these are not the same person, the user takes over responsibility of the animals as soon as the animals have arrived on station.

IDENTIFICATION:

Common Name	Scientific Name	Identifying Characteristics
<p>Blackeye goby</p>	<p><i>Rhinogobiops nicholsi</i></p>	<ul style="list-style-type: none"> - Large black eyes - A black edge on the first dorsal fin - Bodies are bright orange to pink - Pelvic fins are fused to form a cone - Can reach 15cm in length <div data-bbox="789 863 1333 1234" style="text-align: center;"> </div>
<p>Bay goby</p>	<p><i>Lepidogobius lepidus</i></p>	<ul style="list-style-type: none"> - Have 7 characteristic spines on the first dorsal fin - A moderate sized mouth extends to below the pupil of the eye - The pelvic fins are fused to form a cone -The body is almost transparent, light gray in colour - They can be found in muddy or silty bottom habitat <div data-bbox="789 1604 1333 1902" style="text-align: center;"> </div>

CAPTURE:

Location	- Intertidal and subtidal sites are found on the shores of the Deer Group Islands, Dixon I., Scott's Bay, off the Blowhole, along Grappler Inlet and at the Harbour mouth across from Aguilar Pt.. - Gobies are also found on the bottom of the channels around BMSC.
Methods	- These fish are occasionally caught in shrimp nets, others can be caught in dip nets when they occur in tidepools.
Transport	**Please follow transport and handling of fish SOP.

ANIMAL CARE:

Holding Requirements	- Hold the fish in continually flowing seawater - Water must be aerated - Lids are necessary - Mud or sand will help reduce stress levels
Feeding	- Should be fed with scraps of fish, snails, and tiny shrimp. - These fish feed well on any frozen chopped fish.
Tank Cleaning	- Once every 3 weeks the fish should be removed from the tank and placed into a holding bucket with aerated water - The tanks should be drained and the sides and bottom should be scrubbed and rinsed with warm freshwater - The tanks should then be rinsed with cold seawater and allowed to refill, and the fish replaced
Daily Activities	-Ensure water is flowing into the tank at a reasonable rate. -Ensure the standpipe is in place and not blocked. -Check for and remove dead animals. -Check for and remove any uneaten prey organisms. -Check for and remove foreign organisms.
Animal Return	-Animals should be returned to the site of their collection. - Be sure to have well oxygenated water in bucket that they are being returned in. - If any anesthetic chemical has been used on the fish during its holding at BMSC, the animal must not be released before the drug withdrawal time. Withdrawal time should be on the label of an anesthetic in degree-days or 'ATUs'(degree-days are the accumulated thermal units for a given day. One day at 10C is 10 degree-days).