



PNW Invertebrate ID

Fishinar 1/8/2014, Janna Nichols – Instructor
 Questions? Feel free to contact me at janna@reef.org

Sponges and Stingers







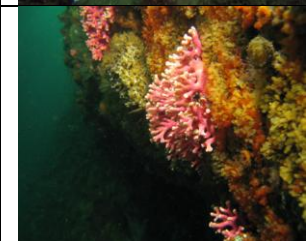
This session will concentrate on phylums Porifera (Sponges) and Cnidaria (Anemones, Jellies, etc.)

Porifera

	<p>Chimney Sponge - White and smooth on the inside, brown and fuzzy on the outside. Looks like a stovepipe chimney. Attached to rock and found deep, about 80 feet or more. Crabs and baby rockfish like to hide inside these.</p>
	<p>Cloud Sponge - White and smooth on all surfaces. Often baby rockfish are hovering around it. Irregular shapes, very delicate - don't touch! Found deep, about 80 feet or more.</p>

Cnidaria

	<p>Fish Eating Anemone - Look for smooth, velvety, dark red column. Tentacles often white. Found in rocky habitat with good water exchange.</p>
	<p>Plumose Anemone - White and occasionally brown or orange. Can be several feet tall. Very frilly tentacles, looks like cauliflower.</p>
	<p>Strawberry Anemone - Closely clustered colonies of small anemones in shades of pinks and reds. Look closely for the ID clincher - balls on the ends of each tentacle. Marked as 'PRESENT' on survey form.</p>

	<p>Tube-Dwelling Anemone - Toilet paper tube sized columns in sand or shell hash bottoms. Two sets of tentacles: Outer ones are long and thin, the inner ones are short near mouth. Giant Nudibranchs feed on these, so look for them too!</p>
	<p>White-spotted Anemone - Found in same habitat as Fish Eating Anemone. Red column with white vertically-oriented dots. Dots are flush with column (not bumpy). Tentacles can be white or reddish.</p>
	<p>Moon Jelly - Clear and round, with very short wispy tentacle fringe. Look for 4 horseshoe-shaped markings on the bell for a positive ID.</p>
	<p>Sea Blubber (Lion's Mane) - Brown to reddish jelly that stings! Tentacles can be brownish purplish, with longer tentacles being clear. Tentacles can be about 30 feet long. Bell has 8 scallops on the outside.</p>
	<p>Orange Cup Coral - Small, about the size of a nickel. Hard cup containing soft orange tentacles. Clustered in the same area, but usually not touching each other.</p>
	<p>Orange Sea Pen - Looks like an old fashioned feather pen. Orange. Orients itself facing the current direction. Can be about a foot tall or a bit higher. Also can curl up and retract into the sand or shell hash bottom.</p>
	<p>Pink Hydrocoral - Hard small clusters of branching coral. Pink. Found only in certain areas - rare.</p>