
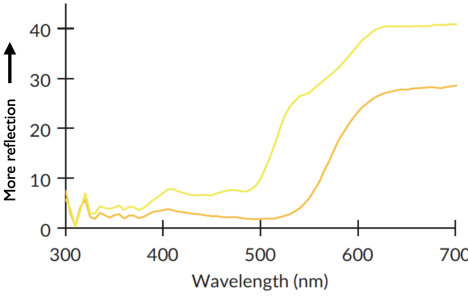

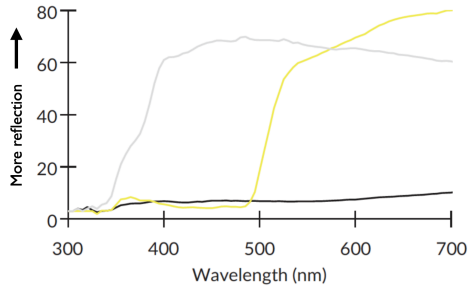

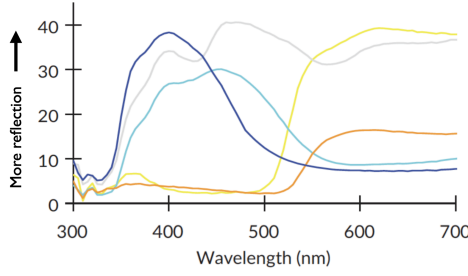

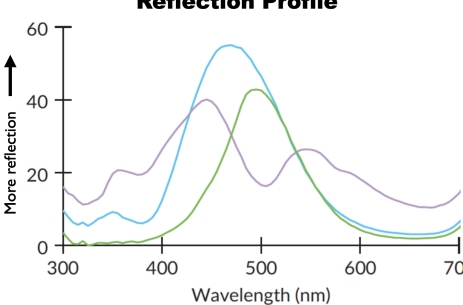

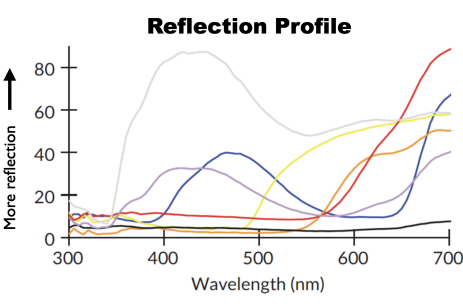


FISHTANK DATA CHARTS

Fish. Use the information below to help you choose at least 2 types of these fish to live in your tank.


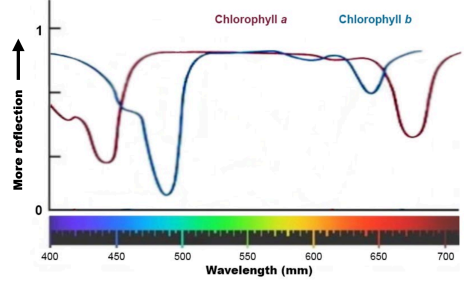

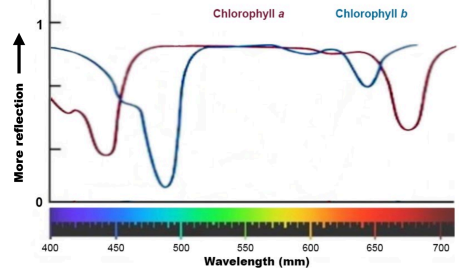

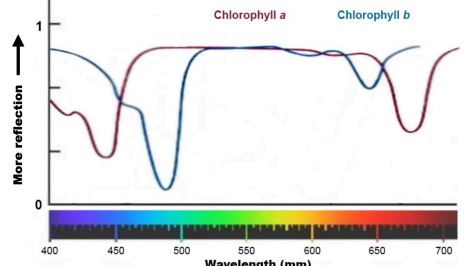

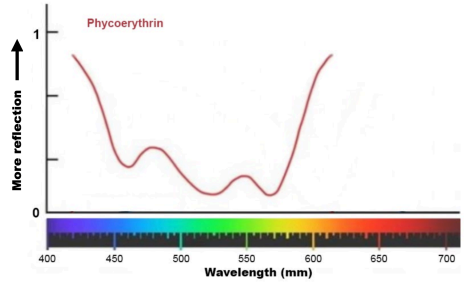
Reef fish do not have specific lighting needs like plants and coral but do have tank requirements to stay healthy. Given their bright colors, think about what light will make them pop. Note: each color on the graph represents that color on the fish.

Sea Goldie		<p>Color: Females are yellow.</p> <p>For the tank: They all start out life as females. The most dominant fish will turn male so you'll need to keep a few of these.</p>	<p style="text-align: center;">Reflection Profile</p> 
Longfin Bannerfish		<p>Color: White with black stripes and yellow fins.</p> <p>For the tank: They need lots of room for swimming.</p>	<p style="text-align: center;">Reflection Profile</p> 
Regal Angelfish		<p>Color: Blue, white and yellow stripes.</p> <p>For the tank: They may nip at coral.</p>	<p style="text-align: center;">Reflection Profile</p> 

<p>Steephead Parrotfish</p>		<p>Color: Greenish blue</p> <p>For the tank: They need lots of room for swimming. They eat coral.</p>	<p>Reflection Profile</p> 
<p>Harlequin Tuskfish</p>		<p>Color: Orange, blue and white stripes with blue teeth.</p> <p>For the tank: They need places to hide.</p>	<p>Reflection Profile</p> 

Algae. Use the information below to help you choose at least 2 types of these plants to live in your tank.

Saltwater plants (algae) can provide a food source and hiding places for fish, and they add color to the tank. Plants rely on light to live and remain healthy, but the amount of light needed depends on the type of plant. Algae contain pigments which **absorb light** to make energy for the plant to live (green algae contain **chlorophyll a and b** while red algae contain **phycoerythrin**). **Pigments take on the color of the light they reflect, not the color they absorb.**

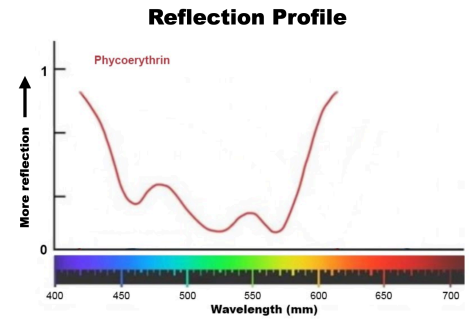
Money Plant		<p>Light level: Low to moderate light.</p> <p>For the tank: Most fish won't eat them.</p>	<p>Reflection Profiles</p> 
Turtle Grass (Maiden's Hair)		<p>Light level: Bright light.</p> <p>For the tank: Good for small fish and invertebrates to hide.</p>	<p>Reflection Profiles</p> 
Shaving Brush Plant		<p>Light level: Moderate light.</p> <p>For the tank: Most fish won't eat them.</p>	<p>Reflection Profiles</p> 
Dragon's Tongue		<p>Light level: Low to moderate light.</p> <p>For the tank: Fish and invertebrates like to eat.</p>	<p>Reflection Profile</p> 

**Red
Gracilaria**




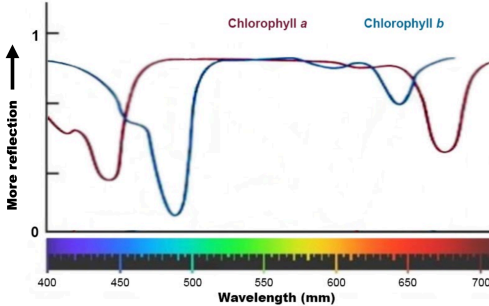
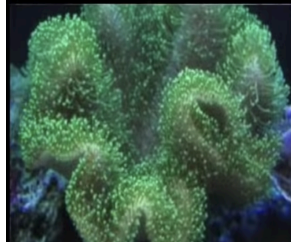
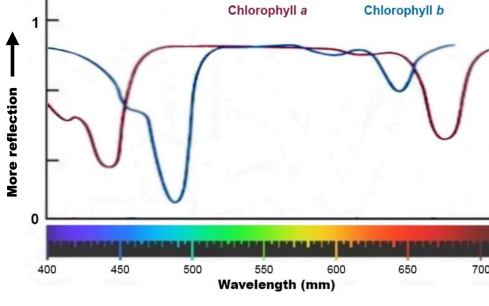

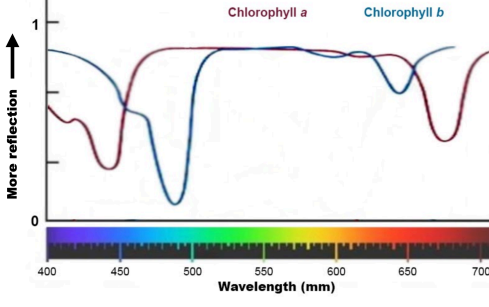
Light level:
Moderate light
levels.

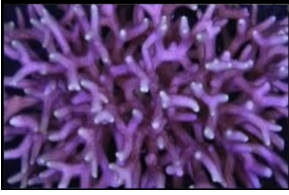
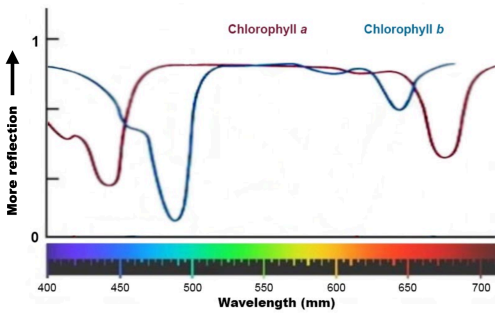


For the tank:
Fish and
invertebrates eat it.



Coral. Use the information below to help you choose at least 1 type of these animals to live in your tank.

Coral (which are animals) get the energy they need to survive in two ways. They use tentacles to catch (eat) small plankton, and many also contain algae, which lives within their tissues. Because these algae are photosynthetic plants, they contain **chlorophyll a** (a pigment) which absorbs light to make energy for the algae and the coral. **Pigments take on the color of the light they reflect, not the color they absorb.** Each type of coral needs a specific light level (intensity) to thrive.

Zoanthid		Light level: Moderate light.	<p>Reflection Profiles</p> 
Toadstool Leather Coral		Light level: Moderate light.	<p>Reflection Profiles</p> 
Neon Clove Coral		Light level: Low light.	<p>Reflection Profiles</p> 

Bird's Nest Coral		Light level: Bright light.	<div data-bbox="930 195 1422 541" data-label="Figure"> <p>Reflection Profiles</p>  </div>
Yellow Tube Coral		Light level: Low light.	<p><i>Does not contain symbiotic algae (not photosynthetic)</i></p>
Flower Tree Coral		Light level: Moderate light.	<p><i>Does not contain symbiotic algae (not photosynthetic)</i></p>