Name: Score:

6 Multiple choice questions

Term 1 of 6

Where is ice algae typically found in marine environments?

- ○ **On the underside of most pack ice**
- ○ **In the sediment of the ocean floor**
- ○ **Within the layers of coral reefs**
- ○ **On the surface of open water**

Term 2 of 6

How does the productivity of ice algae compare to that of open water?

- ○ **Ice algae productivity varies greatly with temperature changes**
- ○ **Ice algae is less productive than the open water**
- ○ **Ice algae has similar productivity to the open water**
- ○ **Ice algae is often more productive than the open water**

Term 3 of 6

How quickly can certain marine species clear large areas of ice algae?

- ○ **1.5 cm^2/s (or a square foot in 10 minutes)**
- ○ **3 cm^2/s (or a square foot in 5 minutes)**
- ○ **2.5 cm^2/s (or a square foot in 15 minutes)**
- ○ **0.5 cm^2/s (or a square foot in 30 minutes)**

Term 4 of 6

What do humpback whales and baleen whales feed on besides plankton?

- ○ **Soil bacteria**
- ○ **Ice algae**
- ○ **Sea otter**
- ○ **Snow leopard**

Term 5 of 6

What is a crucial food source for many cold water species?

- ○ **Krill**
- ○ **Plankton**
- ○ **Jellyfish**
- ○ **Brine Shrimp**

Term 6 of 6

Which large marine mammals feed on plankton?

- ○ **Dolphins and pilot whales**
- ○ **Humpback whales and baleen whales**
- ○ **Beluga whales and fin whales**
- ○ **Orca whales and toothed whales**

LIVEWORKSHEETS