



Aomori touches three oceans.
 West part touches Sea of Japan. East part touches the Pacific Ocean and North part touches Mutsu Bay.
 There are cold current in Sea of Japan and the Pacific Ocean.
 And Hokkigai lives in Sea of Japan. Scallop lives in Mutsu Bay.
 Scallop can live in the northeast. But they can live only there.
 The salinity of water and temperature is changed by sunlight and rain.

That were examined

Shell fish	Habitat	How to eat	Food
Little neck clam	Intertidal middle zone at a depth of about ten meters	Eating with a water tube	Plankton
Common orient clam	Intertidal lower part zone at a depth of about twenty meters		
Thais clavigera		Eating shell fish by acid substance to cause a loss	Other shell fish
Moon shell			
Cone shell		Eating by being paralyzed with a poisonous arrow	

Theme

Ecology of a shell fish which lives in the Aomori ocean

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Purpose

• Ecology of a shellfish which lives in the Aomori Ocean.

• Research what a shellfish living in a shoal eats.

• Research ecology of a shellfish living in intertidal zone.

Hypothesis

We think that different types of shellfish live in the sea depending on salinity or ocean temperature.

Research contents

Our group couldn't go to the sea.

So we used the Internet.

1. We searched for "shell habitat picture book." "Market fish and shellfish" was found.
 - Short-necked clam · clam · top shell · oyster etc.

2. We searched for "water pollution shellfish effect" "The destruction of nature and people" was found.
 - Pollutants accumulate in fish and shellfish living in dirty water. If you eat shellfish with pollutants accumulated it also affects the human body.

Consideration

• Because the scallops inhabit only northeastern region of Honshu. I thought that if the global warming progresses further and the water temperature rises, it won't be able to inhabit it.

We thought that shellfish inhabiting not only scallop but also northeastern can not live as it is.

