

Ocean ~

Aquatic Plants

Research

Project

You can use the following guide pages to complete a research project on plants in the ocean.

In your project include information such as geographic location, plant biology, (including grouping and scientific names), current status (are these plants endangered?), a guide to identifying the plant, historic information. If possible collect samples or go to a place where you can see these plants in their natural habitat.

Decide what format you will present your research. Some formats you might consider: Power Point presentation/slide show, video/movie, poster, booklet, web page, podcast or interview.

You will need to cite multiply sources for your information. Use the pages at the end of this guide to list them. Make sure to use a variety of resource formats including digital and books/newspapers.

Most of all have fun learning about aquatic plants!

GPS Coordinates: _____

Ocean/sea: _____

Closest Seaside Town: _____

Date of Research: ____/____/____

Weather: _____

Aquatic Plant Research Area.



Close up map of area of research

A large empty rectangular box intended for a close-up map of the research area.

Food Web Mapping Page

Aquatic Plant Sample Identification Page.



- Red Algae/seaweed
- Green Algae/seaweed
- Brown Algae/seaweed
- Seagrass
- Other

Notes: _____

Aquatic Plant Sample Identification Page.



- Red Algae/seaweed
- Green Algae/seaweed
- Brown Algae/seaweed
- Seagrass
- Other

Notes: _____

Biology of Red Algae/Seaweed



Kingdom	
Subkingdom	
Phylum	
Class	

Species of Red Algae common to the research area:

Reproduction and life-cycle

Place in the food web and ecological connections

Biology of Green Algae/Seaweed



Kingdom	
Subkingdom	
Phylum	
Class	

Species of Green Algae common to the research area:

Reproduction and life-cycle

Place in the food web and ecological connections

(Image—Ernst Haeckles—Kunstformen der Natur (1904) Public Domain image)

Biology of Brown Algae/Seaweed



Kingdom	
Subkingdom	
Phylum	
Class	

Species of Brown Algae common to the research area:

Reproduction and life-cycle

Place in the food web and ecological connections

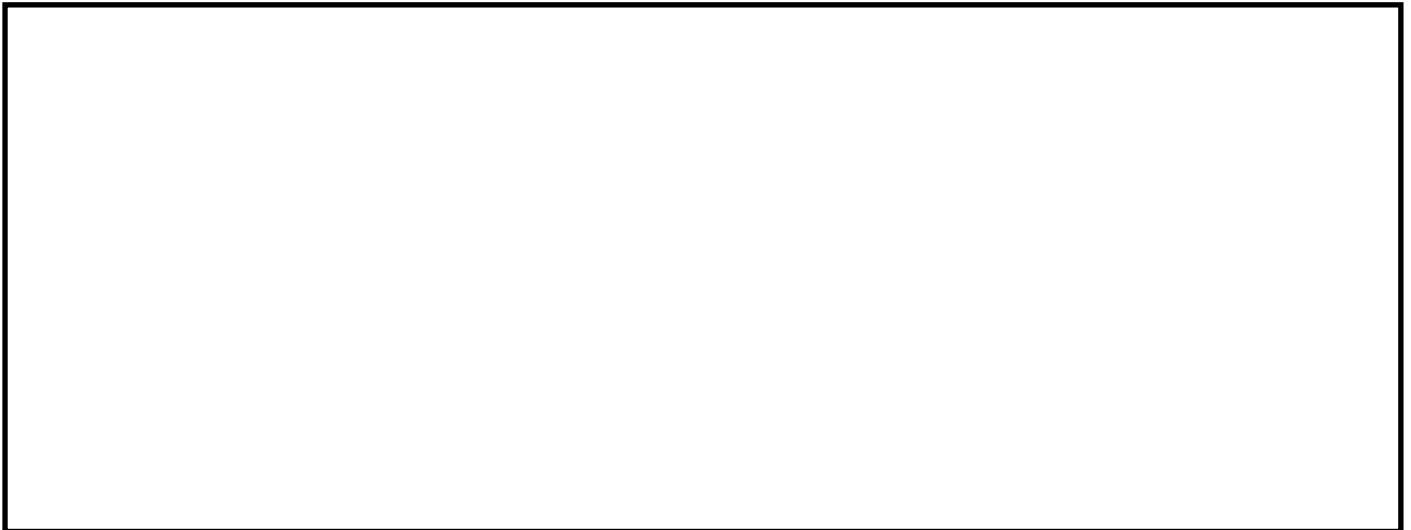


Biology of Seagrass

Kingdom	
Subkingdom	
Phylum	
Class	

Species of Brown Algae common to the research area:

Reproduction and life-cycle



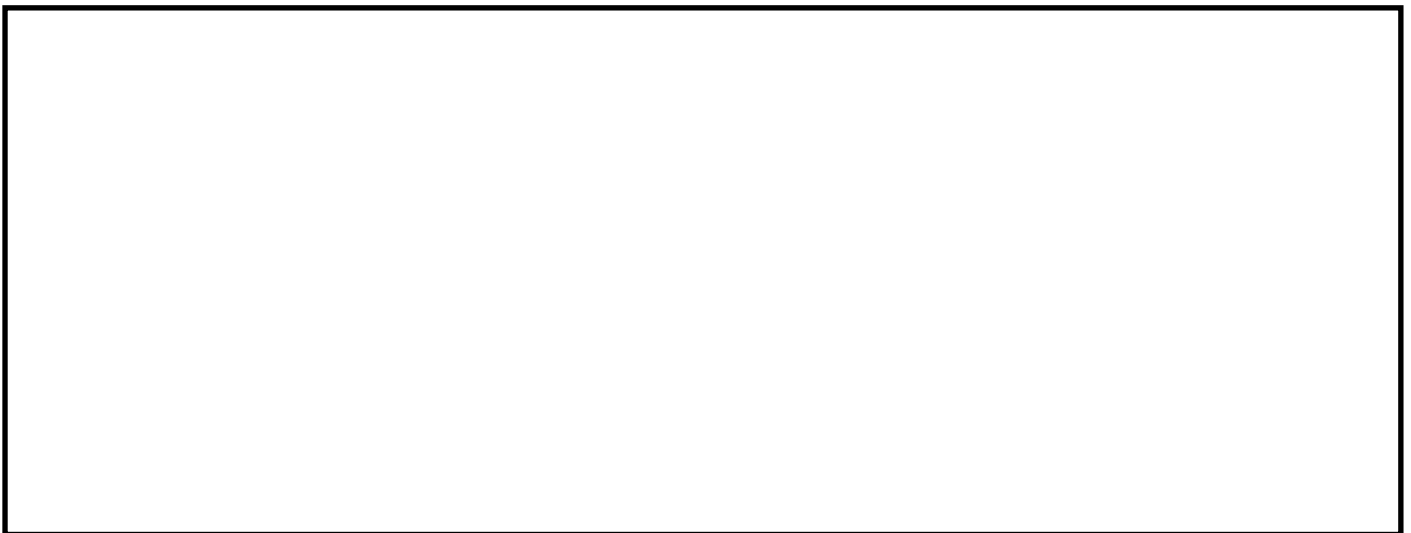
Place in the food web and ecological connections

Biology of Phytoplankton

Dinoflagellates	Diatoms
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Definition and Description:

Reproduction and life-cycle:



Place in the food web and ecological connections

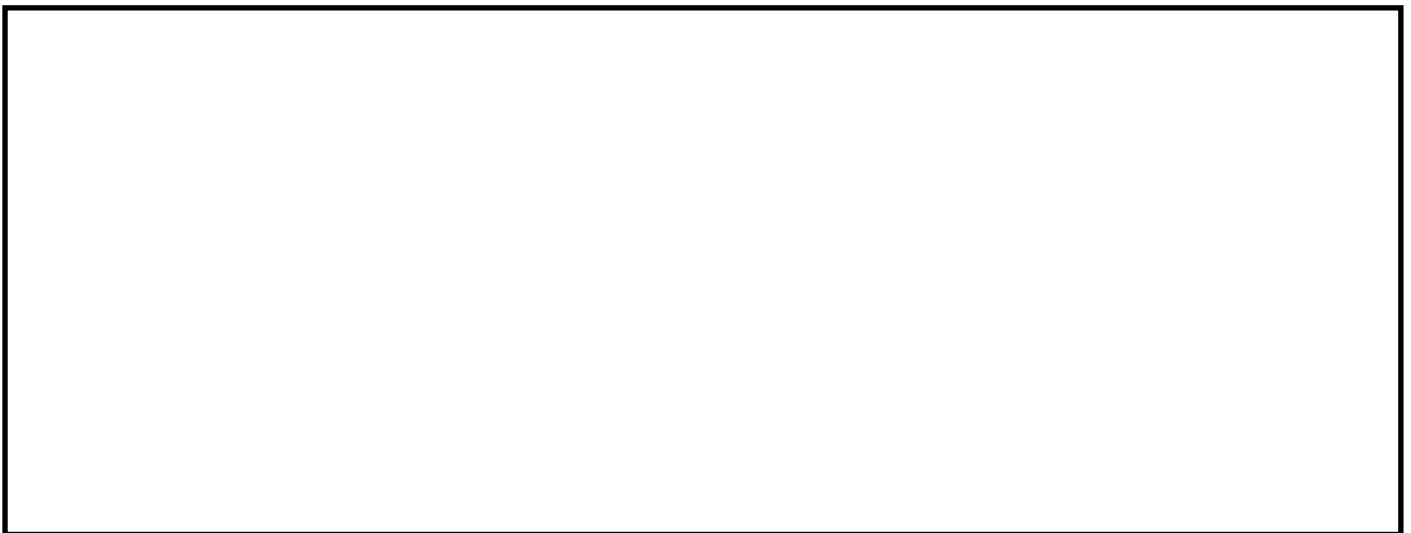
Biology of _____



Kingdom	
Subkingdom	
Phylum	
Class	

Species common to the research area:

Reproduction and life-cycle



Place in the food web and ecological connections

Bibliography Information

Book

Author: _____

Title of the book: _____

Copyright date: _____

Publishing Company: _____

Author: _____

Title of the book: _____

Copyright date: _____

Publishing Company: _____

Author: _____

Title of the book: _____

Copyright date: _____

Publishing Company: _____

Author: _____

Title of the book: _____

Copyright date: _____

Publishing Company: _____

Magazine/Journal/Newspaper

Author: _____

Year of publication: _____

Title of the article: _____

Journal title: _____

Volume: _____

Issue number: _____

Page ranges of the article: _____

Author: _____

Year of publication: _____

Title of the article: _____

Journal title: _____

Volume: _____

Issue number: _____

Page ranges of the article: _____

Bibliography Information

Online

Author: _____
Year (date created or last updated): _____
Page Title: _____
Accessed day/month/year (the day you viewed the site): _____
URL or Internet address: _____

Author: _____
Year (date created or last updated): _____
Page Title: _____
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Podcast

Creators Name: _____
Title of the podcast: _____
Title of the website: _____
Role of Contributors and their name: _____
Version/number: _____
Publisher: _____
Publication date: _____
URL: _____