

subtropical  
environments

A  
Bermudaful  
Experience





**Join Us in Bermuda!**



© James B. Wood





# ***Subtropical Environments Bermuda***

- ◆ **What is this course about?**
- ◆ **When does it occur?**
- ◆ **Where does it occur?**
- ◆ **How do I apply for this course?**





# ***What is Subtropical Environments Bermuda?***

- ◆ **Amity High School elective course in science**
- ◆ **successful students earn 2.5 credits**
- ◆ **Pass/Fail**



A scenic view of a rocky coastline in Bermuda. The foreground shows a sandy path leading down to a beach. The water is a vibrant turquoise color, and the sky is a clear, deep blue. In the background, there are more rocky islands and a small white building on a hillside. The overall scene is bright and sunny.

***7-day field study in  
Bermuda***



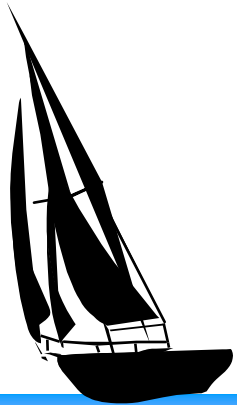
**April 14-21st**

**April field study primarily takes place during the student's April vacation.**

**Thursday through Thursday**

**Students miss**

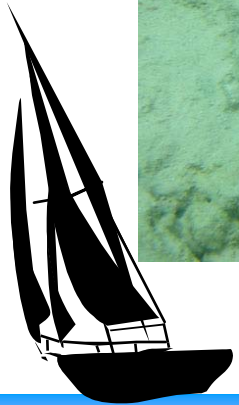
**April 14th and 15th school days**



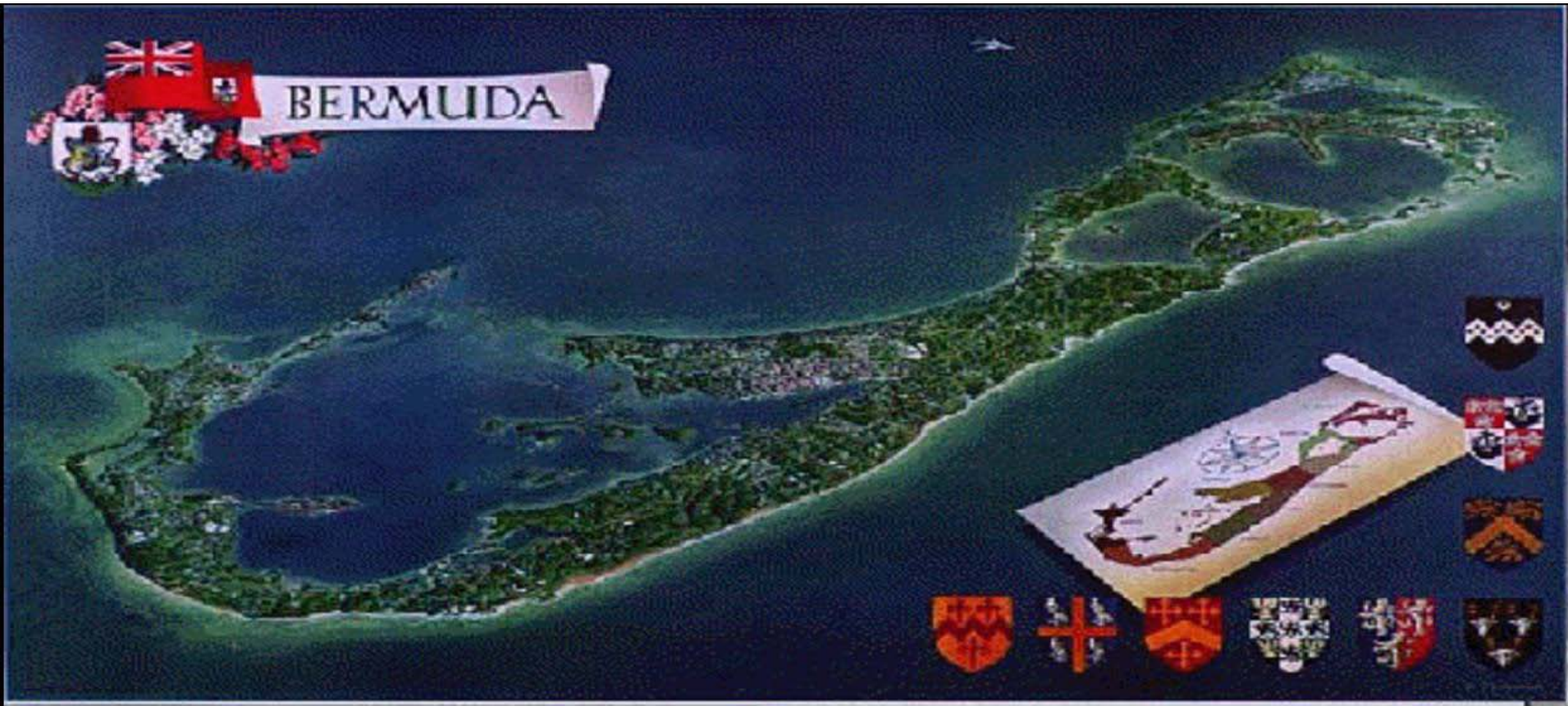


# ***Summer Session***

**June 28—July 5th, Tuesday-  
Tuesday**



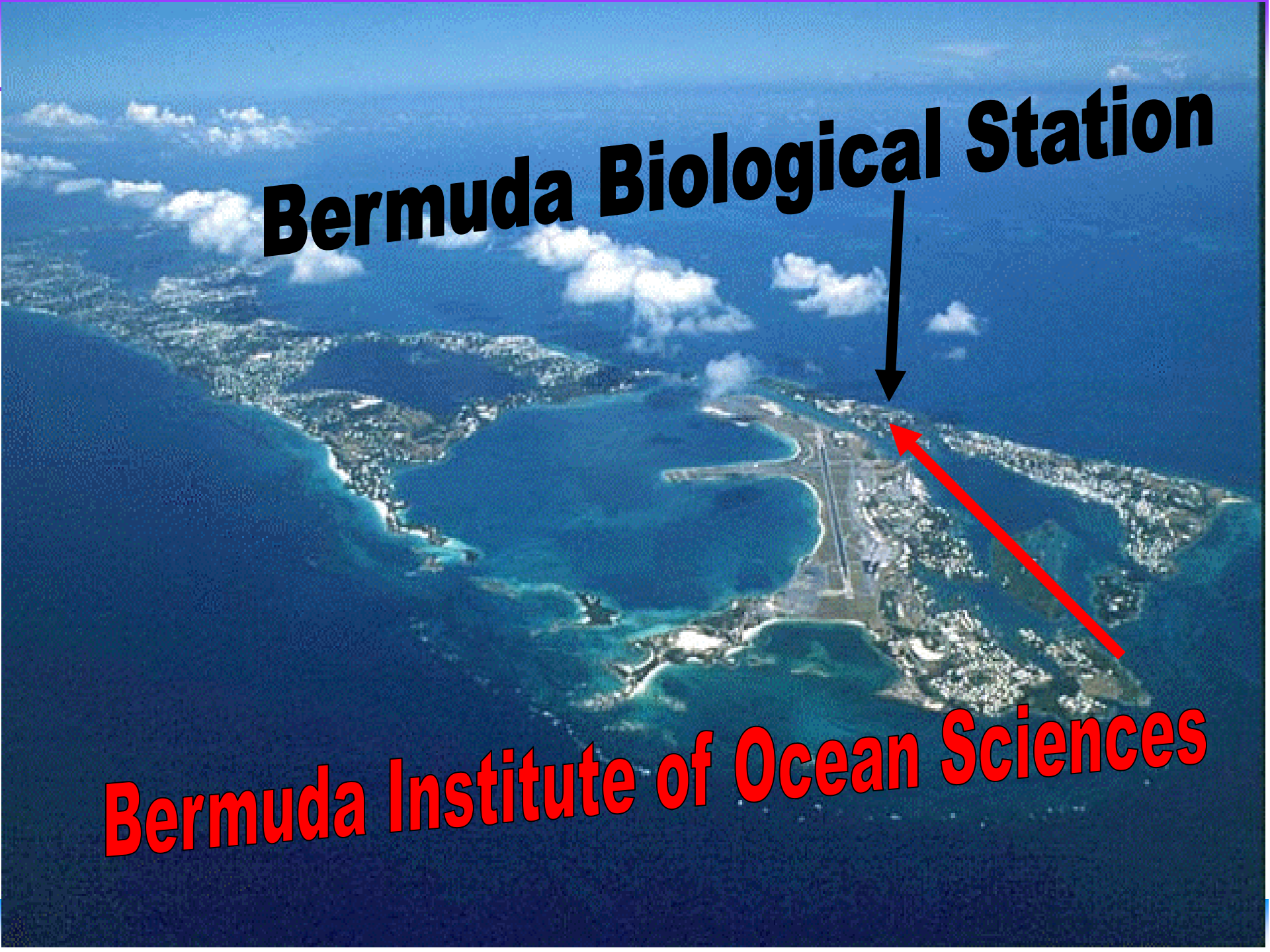




**Bermuda Biological Station**



**Bermuda Institute of Ocean Sciences**





# BIOS

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OF OCEAN  
SCIENCES

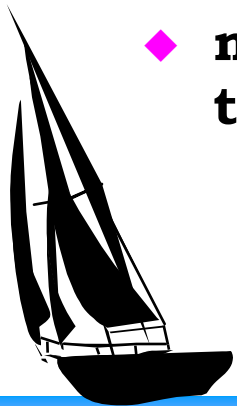
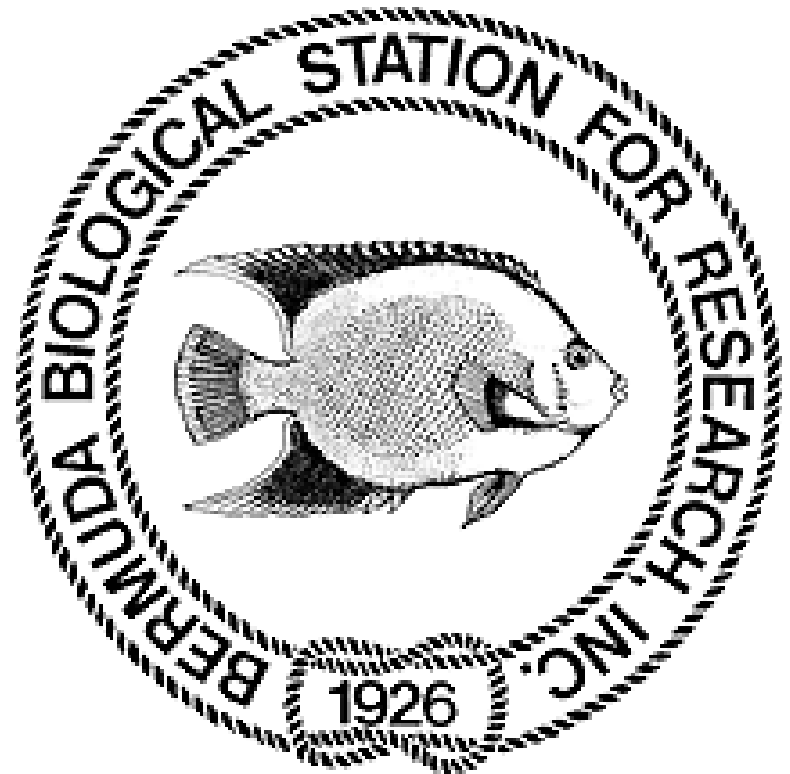
The new logo for the Bermuda Institute of Ocean Sciences represents the global impact of its scientific and educational vision. It recognizes that three-quarters of our planet is covered by water and that we have a responsibility as stewards of this precious resource to always offer it protection. The meridians cross at Bermuda, and the sun rises over the Sargasso Sea, welcoming a new era of research and discovery.



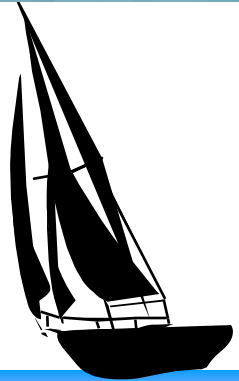
# *Bermuda Biological Station for Research*

## *Bermuda Institute of Ocean Sciences*

- ◆ **international biological field station for research**
- ◆ **established in 1926**
- ◆ **located on Ferry Reach in St. George's, Bermuda**
- ◆ **642 miles off the coast of North Carolina**
- ◆ **northern most coral reef in the world**



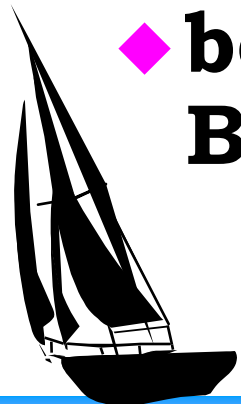
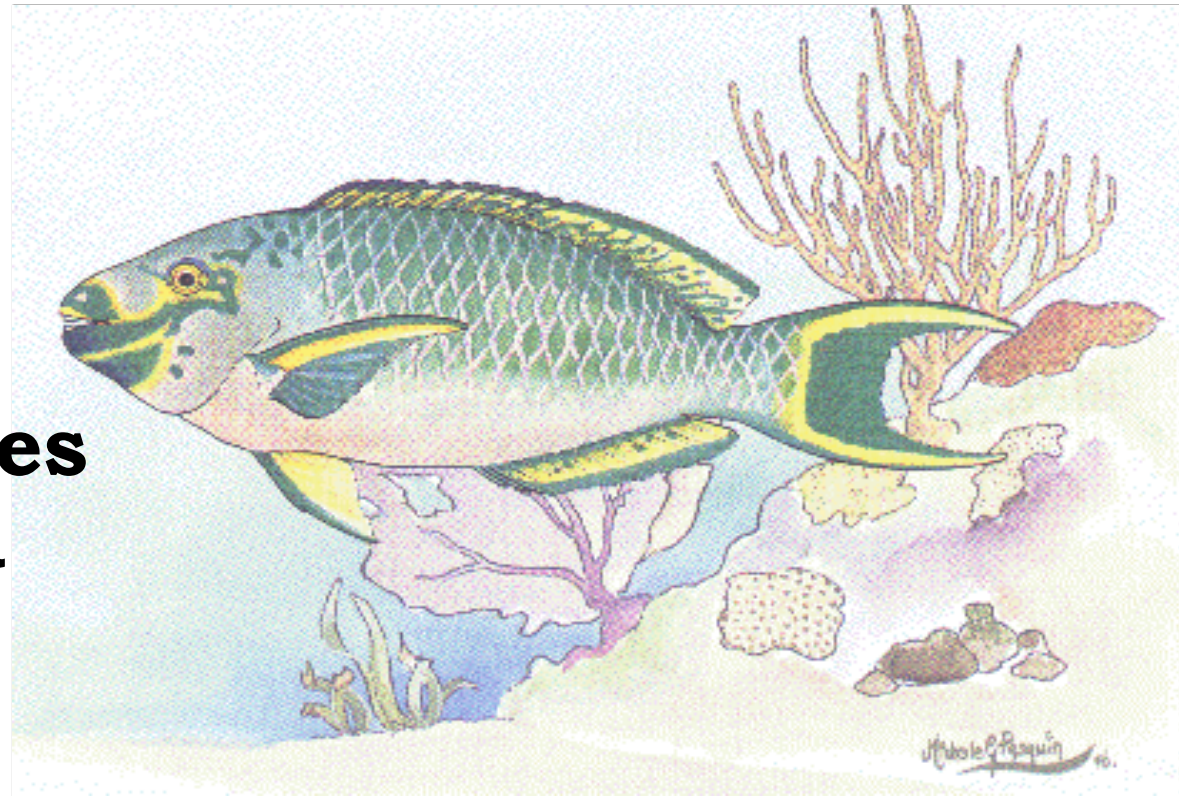






# ***Coral Reef System***

- ◆ **geology of Bermuda**
- ◆ **fishes of Bermuda**
- ◆ **invertebrates of Bermuda**
- ◆ **botany of Bermuda**





# Texts

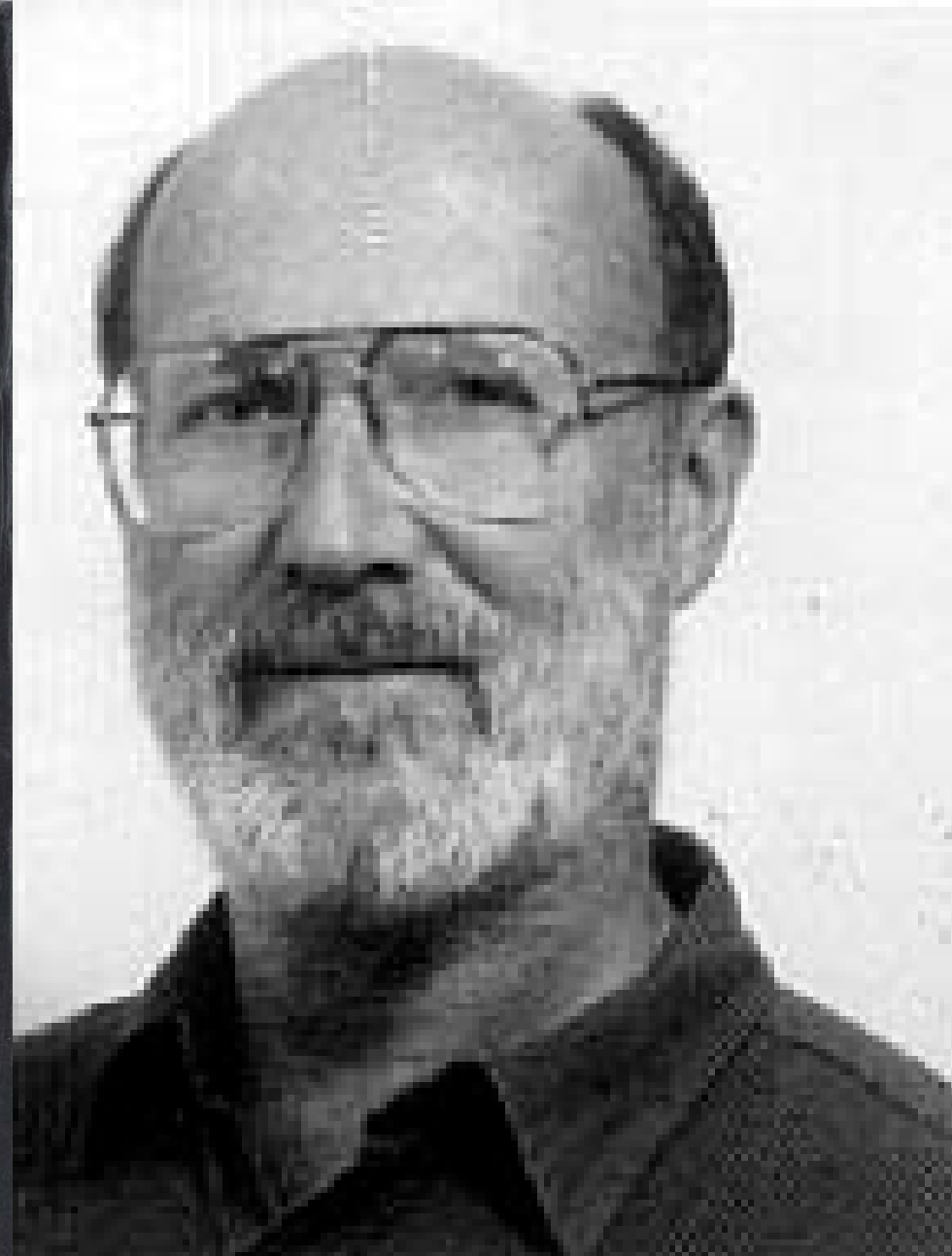
- ◆ *Bermuda's Marine Life* by Wolfgang Sterrer
- ◆ *Reef Fish Identification* by Paul Humann
- ◆ *Reef Creature Identification* by Paul Humann



Bermuda's  
**Marine Life**



Wolfgang Sterrer



**Dr. Wolfgang Sterrer**

see you at the Bio Station!



# REEF CREATURE

Identification

FLORIDA CARIBBEAN BAHAMAS



PAUL HUMANN  
NED DELOACH

# REEF FISH

Identification

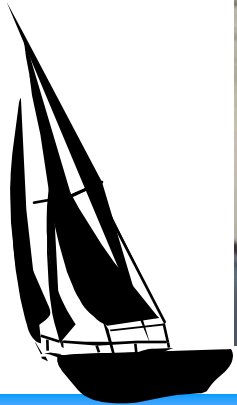
FLORIDA CARIBBEAN BAHAMAS



PAUL HUMANN  
NED DELOACH



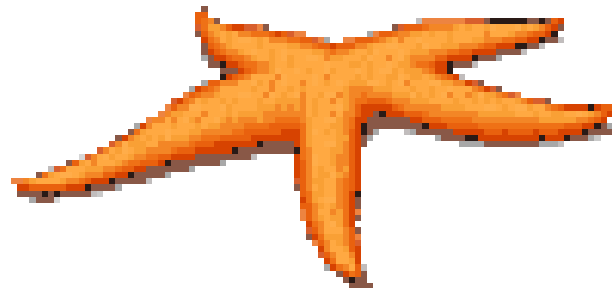
R/V Henry M. Stommel





# *Commitment*

- ◆ **Field study 7 days (April/July)  
Bermuda**
- ◆ **Wednesday after school classes**
- ◆ **4 Sunday snorkeling sessions**





# Course Dates



- ◆ **Wednesday Sessions 2:30 p.m. to 4pm**
  - **February 2 and 23**
  - **March 2 and 9**

- ◆ **Sunday Snorkeling Sessions 8:15 to 9:30 a. m.**

- ◆ **April 14-21**

- **March 13**
- **March 20**
- **March 27**
- **April 3**

- ◆ **June 28-July 5**

- May 1**
- May 8**
- May 15**
- May 22**

**April 14-21 or June 28-July 5 Field Study**







# *Who Should Apply?*

- ◆ **Students with a genuine interest in marine science**
- ◆ **Students who enjoy and appreciate nature**
- ◆ **Students who might pursue science as an occupation**

**This is a seven-day field study--  
not a vacation!**



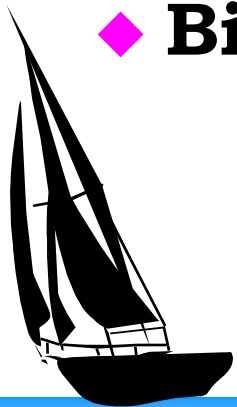


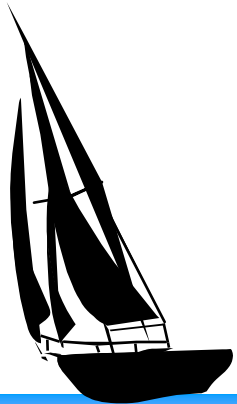
# ***Instructors***

## ◆ **Amity teachers**

- Valerie Cournoyer
- Nancy Goss
- Roger Goss--former director & biology teacher
- Patricia Nevolis
- Other staff as needed

## ◆ **Biostation staff--logistical support**









# *Selection of Participants*

◆ **Group size limited to 20 students**

◆ **Criteria**

– **Citizenship**

- **Exhibits responsible behavior**
- **Has the maturity to work independently**
- **Has social flexibility to work well with others**
- **Follows directives**

– **Interest**





# Fees

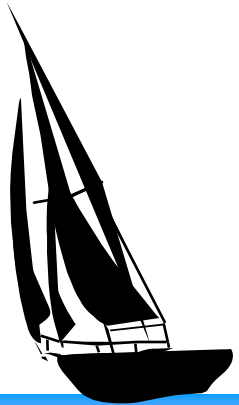
## ◆ Fees

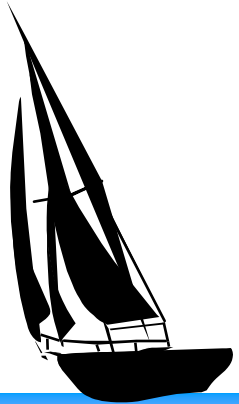
– Oct. 23 <sup>rd</sup>	\$500
– Dec. 11 <sup>th</sup>	\$500
– Jan. 8 <sup>th</sup>	\$500
– March 5 <sup>th</sup>	\$450

**Total**                      **\$1950**

- ◆ **Transportation to and from the airport**
- ◆ **Airfare**
- ◆ **Room and meals**
- ◆ **Laboratory fees**
- ◆ **Boat & truck rentals**
- ◆ **Admissions**
- ◆ **Departure tax**
- ◆ **Baggage fees are NOT included!**













## *How do I apply?*

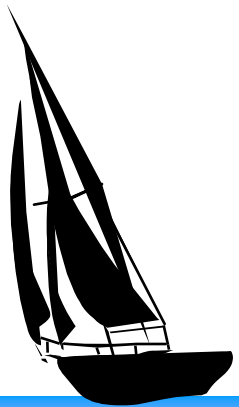
- ◆ **Complete an application.**
- ◆ **Write the two paragraphs.**
- ◆ **Include a check for \$500.00.**
- ◆ **Complete all permission forms from the school.**





***Friday, October 29, 2010***

- ◆ **Mrs. Cournoyer (H. S.—rm. 271)**
- ◆ **Mrs. Nevolis (H. S.—rm. 274)**





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