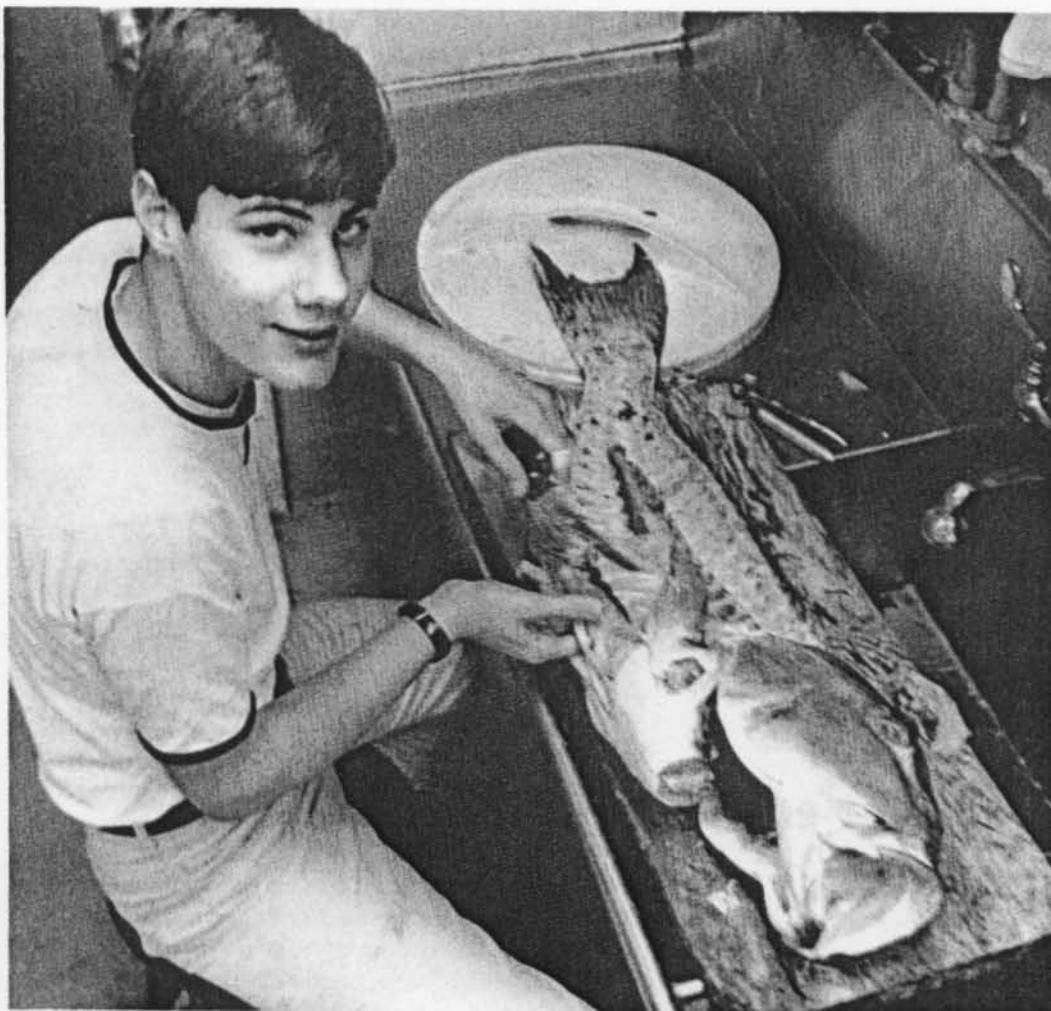


NEWSLETTER

WOODS HOLE OCEANOGRAPHIC INSTITUTION

VOL. 10 January 31, 1969 NO. 3



HIGH SCHOOL STUDENT WORKS IN BIOLOGY DEPARTMENT

Each year the Personnel Office receives about fifty applications for jobs from high school students. In the last few summers, only about five or six have been given jobs and these are the students living in Falmouth or whose families have summer homes. However, this year a student came to us with a different approach.

Frederick "Chuck" Mohr of Berwick Academy, South Berwick, Maine, has a break in his school year in which he could do independent study or work in a field of his choice. Only the outstanding students in the school are given this option for a three-week period. Once a student has been picked, he then makes all of the arrange-

OCEANOGRAPHIC FILM SOCIETY

On February 7, the Film Society will present *Last Year at Marienbad*, a French film produced in 1961. The director, Alain Renais, has provided movie-goers with a unique experience by breaking with tradition and portraying the events of this story not only as they happened but also as the characters would have liked them to happen. The past is in the minds of the characters. Be at the LMS Auditorium at 8 p.m. to see this unique movie.

WHO NEEDS A SHIP?

Dr. Edward "Ted" Baylor proposes that pollution studies in Long Island Sound can be done without the expensive research vessels used by private, state, and federal agencies. Ted suggests that the many ferryboats that cross the Sound be fitted with recording instruments to obtain some of the needed information. He adds that existing bridges could be used as platforms to mount under-water and meteorological sampling gear.

Dr. Baylor left the Institution in August, 1968, to join the Marine Sciences Research Center at the State University of New York at Stony Brook.

Ted's proposal was recorded in the New York Times and states that this is an excellent way to monitor a variety of conditions in the Sound such as chemical pollution or excess heat from power plants that might kill food or game fish.

R/V KNORR PROGRESS

The Office of Naval Research has changed the estimated date of delivery of the *Knorr* to October 27, 1969. The ship will be delivered at Bay City, Michigan, at that time.

The report sent from Bay City is that the AGOR-15 (*Knorr*) is more than 51 per cent completed. Work has proceeded up to the pilot house. All deck fittings have been installed and all hull fittings are in place. The machinery is all aboard but has not been mounted or placed in its proper position. The various systems, i.e., electrical, steam, telephone, and plumbing, have not been finished. However, minor lighting circuits are being installed.

The AGOR-14 (R/V *Melville*) is almost 60 per cent completed, and will be delivered to Scripps in July.

Heavy snow has fallen in Bay City for two weeks with a total of 16 to 20 inches on the ground last week. A recent thaw in the area has made the movement of heavy equipment difficult.

Published by the Public Information Office on alternate Fridays.
Preferred deadline is the previous Tuesday.



WOODS HOLE SCIENTISTS
TO BE FEATURED
IN NEW PUBLICATION

A new alternate-month, four-page publication begins in February, to be distributed to the Associates and other Institution constituencies around the country. Entitled *Woods Hole Notes*, each issue will feature a brief personality profile of an Institution scientist. "Dr. H. Burr Steinbach, Ocean Scientist . . ." is the February feature. Each issue will also contain current Institution news notes and a letter from the President of the Associates, Townsend Hornor. The publication is being produced under the supervision of Bill Lambert, Public Relations Manager.

MISSING EQUIPMENT

The Stockroom is missing its Dymo Tape Machine. If you know of its whereabouts, please notify them on Ext. 282.

Technical Manual R-5D for the C-54Q is missing from Dr. G. Ewing's group. Please contact Ed Denton (Ext. 285) to relay further information about this manual.

TELEPHONE DIRECTORIES
NOW AVAILABLE

New one-page telephone directories are now available. See your department secretary for a copy.

MESSAGE FROM THE
INTERNAL REVENUE SERVICE

The Internal Revenue Service, North Atlantic Region, in the interest of economy, is inaugurating a campaign this year to have all taxpayers who are due refunds, file their income tax returns early and use the pre-addressed name label that comes with the return.

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
TO MEET IN WOODS HOLE

The Bureau and Consultative Council of the Intergovernmental Oceanographic Commission (IOC) will hold its ninth regular meeting in Woods Hole during the week of 3-7 February. The IOC is a subsidiary organization of UNESCO and as such is the one organization within the United Nations system exclusively concerned with oceanography on a governmental basis. The full Commission is composed of some 58 member governments and meets in full session roughly every two years. The Bureau and Consultative Council is the "steering group" of the IOC, and its work results are in the nature of recommendations to the full Commission meeting in session.

Membership in the Bureau and Consultative Council is by government and the roll shows representation from the Netherlands, Mexico, Italy, Brazil, Canada, Chile, France, Japan, Poland, the Federal Republic of Germany, Romania, Great Britain, Spain, Thailand, the U.S.S.R., and the United States. Other relevant organizations may be expected to attend as official observers, including representation, the U.N.'s Food and Agricultural Organization, and the Scientific Committee on Oceanic Research.

Among other questions, the Bureau and Consultative Council will be striving to develop recommendations to the full Commission concerning recent activities by the UNESCO General Conference and the U. N. General Assembly, the development of an integrated global station system, regional marine science activities in Africa, legal aspects of ocean data stations, and the International Decade of Ocean Exploration.

By decision of the Bureau and Council itself, the business portions of the meeting are open only to governmental representatives; however, a great many of the Institution's staff will undoubtedly have personal friends and colleagues among the attendees and are invited to renew old acquaintances. A complete list of individual participants is not available as yet; however, if you have any questions regarding the meeting, please give Jerry Sullivan a call on Ext. 292; he will try to answer them for you.

Facilities for the simultaneous translation of the proceedings into the four Commission languages (English, Russian, French and Spanish) are being provided by the Department of State and interpreters by the United Nations in New York. Since this is the first meeting of this organization to be held in the United States (all others having been held at the IOC's Headquarters in Paris or in London) the Woods Hole Oceanographic Institution is honored by the fact that the Department of State requested that the meetings take place here. Dr. Fye will be an accredited member of the United States Delegation, which will be chaired by Ambassador Donald L. McKernan, Special Assistant to the Secretary of State for Fisheries and Wildlife. Dr. Ketchum will attend the meetings as the National Science Foundation's official observer.

ments for his work or studies. He wished to come to Woods Hole and work at his own expense.

Chuck goes to school with Art Henderson's son and his family owns a summer home on the Cape. Since he also has had a deep interest in both biology and chemistry, he went to Art to seek help in spending the three weeks at the Institution. Andy Konnerth always has fish specimen that need to be worked up. The two just seemed to work together.

During the three weeks that Chuck has been with Andy, he has completed a total of eight fish skeletons. These include a small needlefish of very delicate bone structure to a three-foot tilefish. The above picture shows him in the final stages of stripping the flesh from the tilefish. All of this work is messy and takes great care that the bones do not become detached.

Andy now has around 150 skeletons or cleared and stained specimens of different species of fish to be used in comparative studies, in other words, a skeleton library. Chuck Mohr in this short time has contributed to Andy's collection and has a better understanding of one phase of oceanography.

GOSNOLD TO THE PACIFIC

The *Gosnold* will leave Woods Hole on February 10 with Capt. Harry Seibert for its first trip to the Pacific Ocean on a major biological cruise. The ship will proceed to the area via West Palm Beach and Jamaica. The first work will begin after departing Balboa, Panama, in early March.

Drs. Carl Lorenzen, Charles Remsen, and Edward Hulbert will be conducting studies of horizontal and vertical distribution of phytoplankton, and the distribution of nitrifying bacteria in the Peru Current and its undercurrent.

The first stop in South America will be at Callao, Peru, when Drs. George Grice, Gilbert Rowe and Tom Lawson will take over the scientific duties. During this time the scientists will be conducting a systematic survey of the zooplankton, benthic fauna and sediments.

On the second visit to Callao these men will be replaced by Drs. John Ryther, David Menzel, Nat Corwin and Phillip Clarner. Earlier studies will be supplemented by a survey of hydrography, chemistry, and primary production over the same tracts of the other two sections.

The program is being conducted in cooperation and simultaneously with the R/V *Thompson* of the University of Washington.

The Institution's C-54Q will join the *Gosnold* at the end of March and will continue working with the surface craft through April. Their mission will be to take surface temperatures, air drop bathythermographs, spectral photometry, and take water samples from the air.