



the department of
OCEANOGRAPHY

CONTRIBUTIONS
FROM THE
DEPARTMENT OF OCEANOGRAPHY

Reference: A77-1
February 1977

seattle, washington 98195

UNIVERSITY OF WASHINGTON
DEPARTMENT OF OCEANOGRAPHY
Seattle, Washington 98195

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N O T I C E

Automatic mailings of University of Washington Department of Oceanography reprints have been discontinued. Requests for specific reprints should be directed to the author, Department of Oceanography, WB-10, University of Washington, Seattle, Washington 98195.

An author index follows the list of contributions.

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No. 934

AUTHOR INDEX

- Aagaard, K., 2, 5, 7
 Ahmed, S.I., 1, 4
 Anderson, G.C., 1
- Baker, D.J., 1
 Baker, E.T., 1
 Banse, K., 1
 Barnes, C.A., 1
 Blechschmidt, G., 2
 Bruce, J.A., 6
- Carpenter, R., 7
 Chen, C., 5
 Coachman, L.K., 2, 5
 Codispoti, L.A., 2
 Collos, Y., 2
 Conway, H.L., 2, 4
 Creager, J.S., 5
 Criminale, W.O., 2, 4
- Damkaer, D.M., 4
 Davis, C.O., 2
 DePalma, J.R., 6
 Desaubies, Y.J.F., 2
 Devol, A.H., 2
 Dexter, R.N., 3
 Dortch, Q., 6
 Dugdale, R.C., 3, 4, 6
- Ebbesmeyer, C.C., 1, 5
 English, T.S., 3
 Ewart, T.E., 3
- Fauchald, K., 4
 Frost, B.W., 3, 4
- Gregg, M.C., 3
 Griffith, A.M., 3
- Hameedi, M.J., 3, 4
 Harrison, P.J., 2, 4
 Hellebust, J.A., 5
 Helseth, J.M., 5
 Heron, G.A., 3, 4
 Hessler, R.R., 4
 Holm-Hansen, O., 2
 Hom, W., 6
 Howe, S., 7
 Hruby, T., 4
- Irish, J.D., 4
- Jorgens, M., 8
 Jumars, P.A., 4
- Kenner, R.A., 1, 4
 King, F.D., 1
- Lam, R.K., 4
 Landahl, M.T., 4
 Landry, M.R., 5
 Larsen, L.H., 7
 Lewin, J., 2, 5, 6
 Lewis, B.T.R., 5
 Ling, H.Y., 5
 Lister, C.R.B., 5
 Liu, C.T., 8
 Long, C.E., 6
 Long, E.R., 6
 Lorenzen, C.J., 5
- MacIsaac, J.J., 6
 McLean, S.R., 6, 7
 McPherson, L., 5
 Mountain, D.G., 5
- Nelson, C.H., 5
- Okubo, A., 5
- Packard, T.T., 1, 2, 6
 Pavlou, S.P., 3, 6
 Pearson, C.E., 6, 8
 Piper, D.Z., 1
- Rao, V.N.R., 6
 Richards, F.A., 2
 Robertson, S., 6
 Roden, G.I., 6
- Schoener, A., 6
 Slawyk, G., 6
 Smith, J.D., 6, 7
 Sternberg, R.W., 7
 Swift, J.H., 7
- Tripp, R.B., 2
- Wakeham, S.G., 7
 Walsh, J.J., 7
 Welander, P.L.R., 7, 8
 Winter, D.J., 8
 Worsley, T.R., 8

OCEAN NEWS

4 March 1977

9-77

Notices for the Departmental bulletin, Ocean News, should be submitted to the Advising Office by noon Thursdays. Students and faculty are reminded that notices regarding Master's presentations must appear in this bulleting to meet Departmental requirements and announcements of General and Final Examinations must appear in the University Official Notices to satisfy University requirements.

THE WEEK

- Monday, 7 March APPLIED MATH SEMINAR ---Dr. Robert H. Miura, Professor of Mathematics, University of British Columbia, will speak on "Exact Solution of the Korteweg-de Vries Equation" at 1:30 p.m. in room 402 Atmospheric Sciences.
- Tuesday, 8 March BIOLOGICAL OCEANOGRAPHY LUNCH MEETING---Dr. Jeffrey Richey of Fisheries Research Institute, UW, will speak on "Phosphorus cycles in Lakes Washington and Findley" at 12:30 p.m. in room 123 MSB.
- Wednesday, 9 March FACULTY MEETING---There will be a faculty meeting on Wednesday at 10:30 a.m. in room 123 MSB.
- OCEANOGRAPHY SEMINAR---Dr. Barbara Hickey, Department of Oceanography, will speak on "Coastal currents of the Pacific Northwest" in room 14, Ocean Teaching Building at 3:40 p.m. Refreshments will be served at 3:20/
- PHYSICAL OCEANOGRAPHY LUNCH MEETING---Gary Torgrimson will speak on "Tides on the Oregon continental shelf" at 12:30 p.m. in room 123 MSB.
- Friday, 11 March GEOCHEMICAL/CHEMICAL OCEANOGRAPHY INFORMAL SEMINAR---Dr. John Hedges of the Department of Oceanography will speak on "Stability of lignin in marine sediments" at noon in room 123 MSB.
- APL LUNCH DISCUSSION---The paper "Stochastic climate models" by K Hanelmann, Tellus 23, 1976, will be discussed at 12:15 p.m. at the 6th floor conference room of APL.

GENERAL NOTICES

REGARDING SMALL VESSEL USAGE---The small vessel usage is decreasing this year and might well cause some operational problems for the department. In particular, the R/V Hoh usage is decreasing to the point that the hourly charge rate will become unreasonable.

In order to save money and reduce operating costs the operations staff will reduce the crew on the Hoh to one. In general the Hoh will be reduced to day cruising, mooring at night or anchoring in sheltered waters. In specific instances a second operator may be placed on board. This reduced crewing will require the scientific party to provide assistance in mooring, locking and all galley chores.

In case of the operator becoming ill a cruise might also have to be delayed. If the usage of the Hoh is not sustained or increased above its present level, then there is a further risk of having to lay the vessel up after summer. If any R/V Onar users, especially those making short one day trips, could switch to the Hoh, it would help in generating an equitable use of these vessels.

---A. Duxbury

NEW ACQUISITIONS-FISHERIES/OCEANOGRAPHY LIBRARY---

AIBS Directory of Bioscience Departments and Faculty in the US and Canada, 2nd Ed. 1976.

An Analysis of Current Meter Measurements from Probilof Canyon, Thomas H. Kinder, 1975.

A Bibliography for the Anthropological Study of Fishing Industries and Maritime Communities, L C W Landberg, 1973.

Bering Strait; The Regional Physical Oceanography, L K Coachman, 1975

Chemistry of Marine Sediments, T A Yen, 1976

The Foyle Fisheries--New Basis for Rational Management, P F Elston, 1976.

Geological Survey of Japan, Cruise Reports, 1974-

The Great Ocean Business, B. Horsefield, 1974.

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Maritime Adaptations of the Pacific, Papers from a Congress, 1975.

Prehistoric maritime adaptations of the Circumpolar Zone. Papers from a Congress, OECD Economic State and Problems of Small Scale Fisheries, 1976.

Sedimentary Rocks, F J Pettijohn, 1975.

The Urban Sea: Long Island Sound, L E Koppelman, 1976.

The World of Shells; A Guide for Collectors, S P Dance, 1976.

CALL FOR PAPERS---The Symposium on THE DEEP SEA-ECOLOGY AND EXPLOITATION will be held 10-13 August 1977 at The Grand Hotel, Saltsjobaden, near Stockholm. Attendance is limited to 100 participants. Sessions will consist of 9 invited papers and 25 submitted papers (15 minutes) as well as poster sessions. Deadline for abstract submission is 1 April 1977. For further information, see Caroline, Advising Office.

SYMPOSIUM---The First Continental Shelf Symposium---An East Coast Overview will be held 30 March- 1 April 1977 at the McKimmon Center, North Carolina State Univ. Further information is posted in the lounge, OTB.

CONGRATUATIONS---Congratulations to Dick Cromoga for 15 years service as Oceanographer in the Department.

TIME SHEETS---Because of the Internal Audit Program time sheets for all classified and exempt staff should be maintained in your work area on a daily basis, if you are not already doing so. Please continue to turn in completed and signed time sheets at the beginning of each month. If you have questions please contact Sheila or Blanche.

GRADUATE SCHOOL RESEARCH FUND---Applications are now being accepted from faculty members for research project support from the Graduate School Research Fund. The deadline is 1 April, with available funds allocated beginning 1 July. Proposals must be submitted following revised guidelines dated 1 February 1977; these may be obtained from the Graduate School.

DOCTORAL CANDIDATES---All those who reasonably expect to complete all requirements for the Doctoral degree by the 27 May deadline for Spring Quarter should submit their names to the Advising Office by 23 March.

FIFTH WORLD UNDERWATER CONGRESS-DOWNUNDER 77---Will be held 10-25 September 1977 at Brisbane, Australia and along the Great Barrier Reef. For further information please see the bulletin board in the lounge, OTB.

TRAVEL SUPPORT---Support is available from the Graduate School Research Fund for travel for doctoral students, post-doctoral appointees and faculty members. Priority will be given to requests for travel to a professional meeting at which the applicant will present a paper giving the results of his or her research activity, and to applicants who have not previously received travel funds from the GSRF. Travel application forms are available in the Graduate School.

JOBS

Further information on positions advertised in this section can be found in the Jobs Notebook in the Advising Office.

MARINE ECOLOGIST and MARINE GEOLOGIST---The Marine Sciences Institute of the University of Connecticut invites applications by 31 March for two faculty positions to begin in September. Applicants should send their curriculum vitae, statements of their research plans, reprints and names and addresses of three references to:

S Y Fend	A R Philpotts
Search Committee (Marine Ecologist)	Search Committee (Marine Geologist)
Marine Sciences Institute	Dept of Geology and Geophysics
University of Connecticut	University of Connecticut
Groton, Connecticut 06340	Storrs, Connecticut 06268

PROFESSOR OF MARINE BIOLOGY---The College of the Virgin Island, St. Thomas, V.I., is seeking an Assistant or Associate Professor of Biology to begin 15 August. Inquiries for or information concerning qualified applicants should be addressed to the Chairman, Division of Science and Math, College of the Virgin Islands, St. Thomas, U S Virgin Islands 00801.

SHIP NEWS

Thomas G. Thompson---The Thompson commenced Leg III of the Science Applications cruise in the Channel Islands off Southern California last Monday. She returned to port on Tuesday because of high winds (35-40 kts.) which made work impossible. When the weather moderated (Wednesday) she returned to the work area. The Thompson will be out on this leg until about 18 March.

Onar---The Onar will be working under Dr. Smith beginning Monday for 10 days.

Hoh---The Hoh will be out on Monday under Dave Thorsen collecting live zooplankton. On Tuesday she will be out under Dr. Emerson.

PROFESSIONAL TRAVEL

Clark Darnall will be gone 3 March to 23 March to Fairbanks-Barrow AK., for field work.

Carl Lorenzen will be in San Diego for research vessel design study.
Hendrick Miller will be gone 10-21 March on a cruise from Kodiak to Yakutat on R/V Discoverer.
Don Winter will be gone 4-6 March to visit the Institute of Oceanographic Science, Department of Environment, Victoria, B.C.
T.S. English will be gone 7-10 March to attend NOAA/OCS workshop in Anchorage, AK.
Peter Jumars will be gone from 10-19 March for consultation with Allen Paul, Lamont Doherty Geological Observatory, Palisades, NY

Oceanography is fun?



"OF COURSE THEY'RE CHEWY—
"YOU'RE SUPPOSED TO TAKE THE PEEL OFF"