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## Reference Number Listings

1977

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1977

A compilation of the  
School of Oceanography  
Oregon State University

OREGON STATE UNIVERSITY

Reference 78-1

January 1978

School of Oceanography  
Oregon State University  
Corvallis, Oregon 97331

Reference Number Listings

1977

Theses Listing

1977

G. Ross Heath  
Dean

Beverly H. Knapp  
Editor

January 1978

Reference 78-1

This compilation by the School of Oceanography of Oregon State University lists in chronological order the oceanographic reports published in 1977. It also lists theses for which degrees were awarded in 1977. This is the fourth annual update of our reference 74-1 which brought together a listing of all the numbered series issued, 1955-1975 and theses accepted 1962-1973. Annual updates are expected to continue and to contain additions and corrections to previous compilations.

Reports are described as Data Reports, Research Reports, Reprints, and Contract Reports. Further descriptors are occasionally given. Report availability varies. Some reports are available only to libraries and oceanographic institutions. Many are out of print. Contract Reports are not available for distribution.

The School of Oceanography also issues an annual Collected Reprints by staff and students. Volume 1 covers 1956-1962; volumes 2 through 12 cover 1963 through 1973 (volumes 9 and 10 were each issued in two parts); volume 13 is in preparation.

The réprints included in this listing are identified by Reprint CR and a number indicating volume and part if available. For complete details, refer to the indicated volume of Collected Reprints, available at most oceanography institutions and libraries.

AD numbers, where available, are given in the description column. AD numbered reports, either in microfiche or paper copy (price from NTIS), should be requested directly from:

U.S. Department of Commerce  
National Technical Information Service  
Springfield, Virginia 22151

Please address inquiries to:

The Editor  
School of Oceanography  
Oregon State University  
Corvallis, Oregon 97331

## REPORTS

Data ReportsDepartmental Progress Reports

#	Reference	#	Reference	#	Reference
1	55-1	35	69-3	1	60-3
2	56-2	36	69-6	2	61-2
3	58-6	37	69-7	3	61-5
4	61-1	38	69-34	4	61-6
5	61-3	39	70-1	5	62-1
6	61-4	40	70-3	6	62-7
7	62-6	41	70-11	7	62-10
8	62-11	42	70-12	8	62-12
9	63-16	43	70-25	9	63-1
10	63-23	44	70-26	10	63-14
11	63-27	45	70-44	11	63-22
12	63-33	46	71-1	12	64-8
13	63-35	47	71-8	13	64-20
14	63-36	48	71-21	14	64-38
15	64-14	49	71-23	15	65-5
16	64-25	50	71-36	16	65-23
17	64-33	51	72-2	17	66-7
18	65-1	52	72-13	18	66-19
19	65-17	53	72-14	19	67-5
20	65-18	54	73-7	20	67-14
21	65-20	55	73-11	21	68-4
22	66-5	56	73-15	22	68-47
23	66-11	57	74-2	23	69-8
24	67-1	58	74-7	24	69-32
25	67-8	59	74-8	25	70-21
26	67-20	60	74-9		
27	67-28	61	74-13		
28	68-1	62	74-20		
29	68-3	63	75-3		
30	68-5	64	76-4		
31	68-6	65	76-6		
32	68-21	66	77-5		
33	68-34	67	77-8		
34	68-38				

This series was discontinued with # 25.

It was replaced with an annual report which is not in the reference listing series. The first annual report was issued in the Spring of 1973 and was for the period of 1 April 1970 through 30 June 1971.

# Hydrographic Data Reports for Oregon

## Waters

## Cruise Reports

### Data Report

### Reference

YALOC '66 is reference 66-10

YALOC '69 is reference 69-21

1	Coos Bay	55-1
2	Oregon Estuaries (pre 1956)	56-2
3	Oregon Estuaries (June 1956-Sept. 58)	58-6
4	July 1958-June 59	61-1
5	July 1959-June 60	61-3
7	July 1960-June 61	62-6
12	June-Dec. 61	63-33
24	1962-64	67-1
27	1965	67-28
33	1966	68-34
35	1967	69-3
36	1968	69-6
42	1969	70-12
49	1970	71-23
53	1971	72-14

### Compilation of Observations from Moored

#### Current Meter

Data Report	Volume	Reference
23	1	66-11
30	2	68-5
40	3	70-3
44	4	70-26
46	5	71-1
57	6	74-2
58	7	74-7
62	8	74-20
65	9	76-6
67	10	77-8

### Surface Temperature and Salinity

### Observations --- shore stations

### OSU Seismological Bulletins

(published in data report series)

### Data Report

### Reference

6	61-4			
8	62-11	#	Data Report	Reference
11	63-27	1	14	63-36
21	65-30	2	16	64-25
25	67-8	3	17	64-33
28	68-1	4	18	65-1
37	69-7	5	19	65-17
41	70-11	6	20	65-18
47	71-8	7	22	66-5
51	72-2			

1977

77-1	B. Knapp (ed.)	Reference Number Listings 1975-1976 Theses Listing 1976	Bibliographic Compilation
77-2	R. Johnson	Sound scattering from a fluid sphere revisited	Reprint 1977 AD# A 049 960
77-3	VOID		
77-4	R. Johnson	Spectral models for biological sound scattering	Reprint 1977 AD# A 049 961
77-5	C. Paulson J. Simpson	Mixed-layer observations during the NORPAX POLE experiment	Data Report 66 AD# A 048 581
77-6	L. Gordon D. Barstow M. Lilley E. Seifert P. K. Park	Methods report for total organic carbon measurements-Geosecs, "revision"	Research Report
77-7	L. Gordon G. C. Anderson W. Nowlin	Results of an intercalibration at sea of hydrographic and chemical observations and standards aboard the USSR ship PROFESSOR VIESE and the U.S. Reserach Vessel THOMAS G. THOMPSON during FDRAKE 76	ISOS Technical Report (Research Report)
77-8	D. Pillsbury J. Bottero R. Still	A compilation of observations from moored current meters. Vol. X	Data Report 67
77-9	Y. Cohen	Shipboard measurement of dissolved nitrous oxide in seawater by electron capture gas chromatography	Reprint 1977 AD# 050 106
77-10	J. Kitchen	Particle size distributions and the vertical distribution of suspended matter in the upwelling region off Oregon	Contr. Rep. (NASA)
77-11	R. K. Johnson	Acoustic estimation of sea herring-layer composition	Reprint 1977 AD# A 049 962
77-12	J. Thiede T. van Andel	The paleoenvironment of anaerobic sediments in the late mesozoic South Atlantic Ocean	Reprint 1977 AD# A 050 129
77-13	L. Gordon P. K. Park R. Tomlinson	The GEOSECS nutrient analysis methods	Final Report IDOE-NSF NODC
77-14	C. Greenlaw	Backscattering spectra of preserved zooplankton	Reprint 1977 AD# A 049 963
77-15	H. Pak R. E. Peterson R. Zaneveld	Light scattering and suspended particulate in the Arctic Ocean north of Ellesmere Island	Reprint 1977 AD# A 049 964
77-16	S. H. Johnson M. Cranford B. T. Brown J. Bowers R. McAllister	A free-fall direct-recording ocean bottom seismograph	Reprint 1977 AD# A 049 965
77-17		WELOC Cruise '77, Leg 6, R/V WECOMA, May 21-June 18, 1977, Callao, Peru to Balboa, Panama	Cruise Report AD# A 046 405

77-18	H. Pak R. Zaneveld	Bottom nepheloid layers and bottom mixed layers observed on the continental shelf off Oregon	Reprint 1977 AD# A 049 966
77-19	L. Gordon Y. Cohen D. R. Standley	The solubility of molecular hydrogen in seawater	Reprint 1977 AD# A 049 899
77-20	W. G. Pearcy	Pelagic capture of abyssobenthic macrourid fish	Reprint 1976 AD# A 049 967
77-21	C. Paulson J. J. Simpson	Irradiance measurements in the upper ocean	Reprint 1977
77-22	T. M. Dillon D. Caldwell	Temperature microstructure profiles at Ocean Station P: preliminary results from the MILE experiment	ONR Contract Report



Reports Corrections

Report Number

74-27	Add: AD# A 022 506
74-28	Add: AD# A050 451
74-30	Add: Kowsmann, R. O. Coarse components in surface sediments of the Panama Basin, Eastern Equatorial Pacific Reprint 1973 AD# A 050 485
74-31	Add: Moore, T. C., Jr. G. R. Heath R. O. Kowsmann Biogenic sediments of the Panama Basin Reprint 1973 AD# A 050 453
74-32	Add: van Andel, T. H. Texture and dispersal of sediments in the Panama Basin Reprint 1973 AD# A 050 452
76-5	Add: AD# A 058 751
76-7	Add: AD# A 058 752
76-14	Add: AD# A 058 754
76-15	Add: AD# A 058 755
76-16	Add: AD# A 058 756

# THESES

# THESES 1977

- Aguilar-Tunon, Nicolas A.  
M.S. (Geological) Beach profile changes and onshore-offshore sand transport on the Oregon coast. 58 p.
- Amstutz, David  
Ph.D. (Physical) Stereophotogrammetric reconnaissance of ocean wave/sea ice interaction. 165 p.
- Brewster, Nancy  
M.S. (Geological) Cenozoic biogenic silica sedimentation in the Antarctic Ocean, based on two Deep Sea Drilling Project sites. 98 p.
- Cabrero-Muro, Homero  
M.S. (Physical) Precise north-south oceanographic transect in the Pacific Ocean. 74 p.
- Carney, Robert S.  
Ph.D. (Biological) Patterns of abundance and relative abundance of benthic holothurians (Echinodermata: Holothuriodea) on Cascadia Basin and Tuft's Abyssal Plain. 185 p.
- Dexter, Barbara L.  
M.S. (Biological) The molting biology and molting behavior of two species of euphausiids off Oregon. 158 p.
- Dickinson, John J.  
Ph.D. (Biological) Two zoogeographic studies of deep sea benthic gammarid amphipods. 117 p.
- Evans, David W.  
Ph.D. (Radioecol.) Exchange of manganese, iron, copper, and zinc between dissolved and particulate forms in the Newport River estuary, North Carolina. 218 p.
- Frey, Bruce E.  
Ph.D. (Biological) Effects of micro-nutrients and major-nutrients on the growth and species composition of natural phytoplankton populations. 74 p.
- Graham, Rhea  
M.A. (Geological) A paleomagnetic study of recent sediments in the Santa Barbara Basin. 39 p.
- Huehn, Bruce  
M.S. (Geophysics) Crustal structure of the Baja peninsula between latitudes 22°N and 25°N. 95 p.
- Jefferts, Katherine  
M.S. (Biological) The vertical distribution of infauna; a comparison of dredged and undredged areas in Coos Bay, Oregon. 133 p.
- King, Alan  
M.S. (Biological) Acute effects of sedimentation of Cumella vulgaris Hart 1930 (Cumacea). 54 p.
- Lillie, Robert J.  
M.S. (Geophysics) Subsurface geologic structure of the Vale, Oregon known geothermal resource area from the interpretation of seismic reflection and potential field data. 52 p.
- Marmorino, George  
Ph.D. (Physical) Temperature finestructure and microstructure observations in the coastal upwelling region off Oregon during the summer of 1974. 158 p.
- Marthaler, James G.  
M.S. (Physical) Comparison of sea level and currents off the Oregon coast using mean monthly data. 64 p.
- McKinney, Barbara A.  
M.S. (Geological) The spring 1976 erosion of Siletz Spit, Oregon with an analysis of the causative wave and tide conditions. 66 p.
- McMurray, Gregory  
Ph.D. (Biological) Species-specific phytoplankton production rates during a spring diatom bloom in Yaquina Bay, Oregon. 216 p.
- Pearson, Walter H.  
Ph.D. (Radioecol.) The effects of PCB exposure on the behavior of the shore crab Hemigrapsus oregonensis. 96 p.
- Richardson, Michael D.  
Ph.D. (Biological) The classification and structure of marine macrobenthic assemblages at Arthur Harbor, Anvers Island, Antarctica. 142 p.
- Sancetta, Constance  
Ph.D. (Geological) Oceanography of the North Pacific during the last 18,000 years derived from fossil diatoms. 212 p.
- Shabica, Steven  
Ph.D. (Biological) The natural history of the Antarctic limpet Patinigera polaris (Hombron and Jacquinot). 294 p.
- Short, Kent S.  
M.S. (Physical) Recent tropical storm climatology in the eastern tropical Pacific Ocean and some applications. 62 p.

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|--|---|
| Simpson, James<br>Ph.D. (Physical)         | Small scale temperature structure of the upper ocean. 148 p.  |
| Sobey, Edwin J.<br>Ph.D. (Physical)        | The response of Oregon shelf waters to wind fluctuations: differences and the transition between winter and summer. 153 p.            |
| Sullivan, Barbara K.<br>Ph.D. (Biological) | Vertical distribution and feeding of two species of chaetognaths at Weather Station P. 102 p.   |
| Toth, John R.<br>M.S. (Geological)         | Deposition of submarine hydrothermal manganese and iron, and evidence for hydrothermal input of volatile elements to the ocean. 79 p. |
| Trump, Clifford L.<br>Ph.D. (Physical)     | Effects of mesoscale atmospheric convective cells on the waters of the East China Sea. 124 p.   |
| Wenkam, Chiye<br>M.S. (Geological)         | Late Quaternary changes in the oceanography of the eastern tropical Pacific. 143 p.   |