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Reference Number Listings  
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1976

A compilation of the  
School of Oceanography  
Oregon State University

OREGON STATE UNIVERSITY

Reference 77-1

January 1977

School of Oceanography  
Oregon State University  
Corvallis, Oregon 97331

Reference Number Listings

1975--1976

Theses Listing

1976

George H. Keller  
Acting Dean

Beverly H. Knapp  
Editor

January 1977

Reference 77-1

This compilation by the School of Oceanography of Oregon State University lists in chronological order the oceanographic reports published in 1975 and 1976. It also lists theses for which degrees were awarded in 1976. This is the third annual update of our reference 74-1 which brought together a listing of all the numbered series issued, 1955-1973 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 reprints 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

R E P O R T S

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		This series was discontinued with # 25.
28	68-1	62	74-20		
29	68-3	63	75-3		It was replaced with an annual report
30	68-5	64	76-4		which is not in the reference listing
31	68-6	65	76-6		series. The first annual report was
32	68-21				issued in the Spring of 1973 and was
33	68-34				for the period of 1 April 1970 through
34	68-38				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			
			<u>Compilation of Observations from Moored</u>		
			<u>Current Meter</u>		
4	July 1958-June 59	61-1			
5	July 1959-June 60	61-3			
7	July 1960-June 61	62-6	Data Report	Volume	Reference
12	June-Dec. 61	63-33			
24	1962-64	67-1	23	1	66-11
27	1965	67-28	30	2	68-5
33	1966	68-34	40	3	70-3
35	1967	69-3	44	4	70-26
36	1968	69-6	46	5	71-1
42	1969	70-12	57	6	74-2
49	1970	71-23	58	7	74-7
53	1971	72-14	62	8	74-20
			65	9	76-6

Surface Temperature and Salinity

Observations --- shore stations

OSU Seismological Bulletins

Data Report	Reference	(published in data report series)		
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			

1975

75-1	B. Knapp (ed.)	Reference Number Listings 1972-1973-1974 Theses Listing 1974	Bibliographic Compilation
75-2	N. Cutshall K. McMechan (ed)	Ecological studies of radioactivity in the Columbia River estuary and adjacent Pacific Ocean	Contract Report
75-3	E.D. Barton M.R. Stevenson W.E. Gilbert	CTD/STD measurements off the NW African coast near Cabo Conveiro during JOINT-1	Data Report 63
75-4	C.C. Rea P. Komar	The erosion of Siletz Spit, Oregon	Research Report
75-5	R. Blakely	Evidence of local migration of a spreading center	Reprint 1975
75-6	D.L. Higley R.L. Holton	Biological Baseline Data Youngs Bay, Oregon, 1974	Contract Report
75-7	V. Johnson N. Cutshall	Geochemical Baseline Data Youngs Bay, Oregon, 1974	Contract Report
75-8	R.L. Holton R.J. Ulbricht J.B. Morgan	Biological Effects Data: Flouride and Sulfur Dioxide	Contract Report
75-9	VOID		
75-10	C. Yamashiro	Differentiating dissolution and transport effects in foraminiferal sediments from the Panama Basin	Reprint 1975
75-11	R.M. Pytkowicz	Some trends in marine chemistry and geochemistry	Reprint 1975
75-12	L. Gordon L. Barstow M. Lilley E. Seifert P.K. Park	Method report for total organic carbon measurements GEOSECS	Research Report
75-13	N.C. Yao S. Neshyba H. Crew	Rotary cross-bispectra and energy transfer functions between non-Gaussian vector processes. I. development and example	Reprint 1975
75-14	P. Lonsdale B. Malfait	Abyssal dunes of foraminiferal sand on the Carnegie Ridge	Reprint 1974
75-15	C. Dorman S. Pond	A small buoy for meteorological measure- ments at sea	Reprint 1975 A 033 162
75-16	C.H. Culberson R.M. Pytkowicz E.L. Atlas	Hydrogen ion exchange on amorphous silica in seawater	Reprint 1975 A 033 161
75-17	E.D. Barton R.D. Pillsbury R.L. Smith	A compendium of physical observations from JOINT-I	Research Report
75-18	D.E. Amstutz V.T. Neal	Time series of temperature microstructure in the Arctic Ocean	Research Report
75-19	H. (VanArsdale) Lorz W.G. Percy	Distribution of hyperiid amphipods off the Oregon coast	Reprint 1975 A 032 523
75-20	K. Keeling M. Gemperle G. Connard	Geophysical library subroutines (*GLIB)	Research Report A018 736

- |       |   |   |                           |
|-------|---|---|---------------------------|
| 75-21 | S. Alvarez-Borrego<br>C. Culberson<br>P.K. Park               | Oxygen-nutrient relationships in the Pacific Ocean  | Reprint 1975<br>A 033 161 |
| 75-22 | S. Alvarez-Borrego<br>D. Guthrie<br>C. Culberson<br>P.K. Park | Test of Redfield's model for oxygen-nutrient relationships using regression analysis  | Reprint 1975<br>A 033 154 |
| 75-23 | J.C. Kitchen<br>D. Menzies<br>H. Pak<br>J.R.V. Zaneveld       | Particle size distributions in a region of coastal upwelling analyzed by characteristic vectors                                       | Reprint 1975<br>A 033 164 |
| 75-24 | E. Krygier<br>R. Wasmer                                       | Description and biology of a new species of pelagic penaeid shrimp, <u>Bentheogennema burkenroadi</u> , from the northeastern Pacific | Reprint 1975<br>A 033 161 |



1976

76-1	B. Knapp (ed.)	Reference Number Listings--1974-1975 Theses Listing --1975	Bibliographic Compilation
76-2	R.L. Holton W.G. Pearcy N.H. Cutshall	Ecological and radioecological studies in the Columbia River estuary and adjacent Pacific Ocean	Contract Report
76-3	D.L. Higley R.L. Holton P.D. Komar	Analysis of benthic infauna communities and sedimentation patterns of a proposed fill site and nearby regions in the Columbia River estuary	Contract Report
76-4	W.E. Gilbert A. Huyer E.D. Barton R.L. Smith	Physical oceanographic observations off the Oregon coast, 1975: WISP and UP-75	Data Report 64
76-5	Johnson, R.K.	Deep scattering layer spectra in the eastern North Pacific	Reprint 1976
76-6	R.D. Pillsbury J.S. Bottero R.E. Still	A compilation of observations from moored cur- rent meters Vol. IX. Currents, temperature and pressure in the Drake Passage during F DRAKE 75, January-March 1975	Data Report 65
76-7	C.N.K. Mooers C.A. Collins R.L. Smith	The dynamic structure of the frontal zone in the coastal upwelling region off Oregon	Reprint 1976
76-8	J. Thiede T. Chriss M. Clauson S.A. Swift	Settling tubes for size analysis of fine and coarse fractions of oceanic sediments	Research Report AD # A030 097
76-9	M.D. Cranford S.H. Johnson J.E. Bowers R.A. McAlister B.T. Brown	A direct-recording ocean-bottom seismograph	Reprint 1976
76-10	S. Fukui	Laboratory techniques used for atomic absorp- tion spectrophotometric analysis of geologic samples	Research Report
76-11	N.C.G. Yao S. Neshyba	Bispectrum and cross-bispectrum analysis of wind and currents off the Oregon coast: I Development	Research Report AD # A033 438
76-12	G. Ness G. Connard J. Peterson J. Norton D. Burt	Geophysical trackline and geological sampling atlas	ATLAS No Distribution
76-13	R.M. Pytkowicz K. Johnson C. Curtis	A dynamic partial order model of electrolyte solutions	Research Report AD # A031 316
76-14	W.G. Pearcy	Seasonal and inshore-offshore variations in the standing stocks of micronekton and macrozooplankton off Oregon	Reprint 1976
76-15	R.K. Johnson	Volume scattering regions in the eastern tropical Pacific	Reprint 1976
76-16	R.J. Blakeley	An age-dependent, two layer model for marine magnetic anomalies	Reprint 1976

Reports Corrections

Report Number

74-27

Add: AD # A 022 506

T H E S E S

## 1976

- Atlas, Elliot  
Ph.D. (Chemical) Phosphate equilibria in seawater and interstitial waters. 154 p.
- Castillo, Jorge  
Ph.D. (Biological) Analysis of the benthic cumacea and gammaridean amphipoda from the western Beaufort Sea. 101 p.
- Dowding, Lynn  
M.S. (Geological) Sedimentation within the Cocos Gap, Panama Basin. 69 p.
- Eggers, D.E.  
Ph.D. (Geophysical) Analytical and numerical continuation methods for conductive temperature fields. 170 p.
- Gaughan, Michael  
Ph.D. (Physical) Prediction of breaker type and measurement of surf-bores on an ocean beach.
- Greenlaw, Charles F.  
M.S. (Physical) Acoustic backscattering from marine zooplankton. 55 p.
- Haines, Virginia  
M.S. (Biological) Effects of polychlorinated biphenyls (PCB's) on the respiration of the speckled sanddab (Citharichthys stigmaeus). 57 pp.
- Hassenzadah, Siamak  
M.S. (Geophysical) Determination of depth to the magnetic basement using maximum entropy with application to the northern Chile Trench. 64 p.
- Holden, R.B.  
M.S. (Biological) The distribution and role of "available" iron in two estuaries. 141 p.
- Jones, Paul III  
M.S. (Geophysical) Microearthquake studies of the Blanco fracture zone and Gorda Ridge using Sonobuoy arrays. 93 pp.
- Leinen, Margaret  
M.S. (Geological) Biogenic silica sedimentation in the central equatorial Pacific during the Cenozoic. 136 p.
- Lizarraga, J.R.  
M.S. (Physical) Shoreline changes due to jetty construction on the Oregon coast. 85 p.
- Lynn, Walter S.  
M.S. (Geophysical) A geophysical analysis of the Orozco fracture zone and the tectonic evolution of the northern Cocos plate. 80 p.
- Masias, Antonio  
M.S. (Geological) Morphology, shallow structure, and evolution of the Peruvian continental margin, 6° to 18°S. 92 p.
- Molina-Cruz, Adolfo  
M.S. (Geological) Paleo-oceanography of the subtropical southeastern Pacific during late Quaternary: A study of radiolaria, opal and quartz contents of deep-sea sediments. 179 p.
- Oliver, Brian  
M.S. (Biological) The abundance, distribution, and ecology of the Tanner crab, Chionoecetes tanneri Rathbun, on the southern Oregon continental slope. 79 p.
- Schweller, William J.  
M.S. (Geological) Chile trench: extensional rupture of oceanic crust and the influence of tectonics on sediment distribution. 90 p.
- Swift, Stephen  
M.S. (Geological) Holocene accumulation rates of pelagic sediment components in the Panama Basin, eastern equatorial Pacific. 91 p.
- Tester, Pat  
M.S. (Biological) Size classes, population, structure, growth, sex ratio, and size and age at maturity of Chionoecetes tanneri Rathbun (Brachyura: Majidae) off the Oregon coast. 46 p.
- VanderHart, Archie L.  
M.S. (Biological) Factors influencing sex ratio in the estuarine copepod genus Eurytemora. 77 p.
- Victor, Linda  
M.S. (Geophysical) Structure of the continental margin of Central America from northern Nicaragua to northern Panama. 76 p.
- Whitsett, R.M.  
Ph.D. (Geophysical) Gravity measurements and their structural implications for the continental margin of southern Peru. 82 p.
- Woodcock, S.F.  
M.S. (Geophysical) Crustal structure of the Tehuantepec Ridge and adjacent continental margins of southwestern Mexico and eastern Guatemala. 52 p.
- Wright, Tedd  
M.S. (Physical) A description of the coastal upwelling region off Oregon during July-August 1973. 102 p.