

School of

OCEANOGRAPHY



OREGON STATE UNIVERSITY

Reference Number Listings
1974-1975

Theses Listing
1975

A compilation of the
School of Oceanography
Oregon State University

Reference 76-1

January 1976

School of Oceanography
Oregon State University
Corvallis, Oregon 97331

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Editor

January 1976

Reference 76-1

This compilation lists in chronological order the oceanographic reports published in 1974 and 1975. It is the second annual update of our reference 74-1 which brought together a listing of all the numbered series issued, 1955-1973. Reference 75-1 listed 1972-1973 and 1974 reports. It also lists theses for which degrees were awarded in 1975. A theses listing for 1962-1973 was contained in our reference 74-1 and a listing for 1974 was in reference 75-1. Annual updates are planned to continue with additions and corrections.

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 11 cover 1963 through 1972 (volumes 9 and 10 were each issued in two parts); volumes 12 and 13 are 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

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	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			which is not in the reference listing	
31	68-6			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
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

Surface Temperature and Salinity

Observations --- shore stations

OSU Seismological Bulletins

(published in data report series)

Data Report	Reference
6	61-4
8	62-11
11	63-27
21	65-30
25	67-8
28	68-1
37	69-7
41	70-11
47	71-8
51	72-2

#	Data Report	Reference
1	14	63-36
2	16	64-25
3	17	64-33
4	18	65-1
5	19	65-17
6	20	65-18
7	22	66-5

		Reference Number Listings-- 1955-1973 Theses Listings--1962-1973	Bibliographic Compilation
74-1	Knapp, Beverly (ed)		
74-2	Pillsbury, R.D., J.S. Bottero, R.E. Still, W.E. Gilbert	A compilation of observations from moored current meters. Volume VI. Oregon continental shelf - April-Oct. 1972.	Data Report 57
74-3	Holton, R.L., W.P. Elliott	The development of methods for studying physical and biological processes in the nearshore zone on the Pacific coast of the U.S.	Contract Report
74-4	McMechan, K. (ed)	Ecological studies of radioactivity in the Columbia River estuary and adjacent Pacific Ocean	Contract Report
74-5	Gordon, L.I., L.B. Jones	The effect of temperature on carbon dioxide partial pressures in sea- water	Reprint 1973 A 003 565
74-6	Alvarez-Borrego, S., P. Kilho Park	Oxygen-total inorganic carbon dioxide relationships on the Pacific Ocean	Reprint 1973 A 003 568
74-7	Pillsbury R.D., J.S. Bottero, R.E. Still, W.E. Gilbert	A compilation of observations from moored current meters. Volume VII. July-August 1973	Data Report 58
74-8	Huyer, J., W.E. Gilbert	Coastal upwelling experiment- hydrographic data report - June to Sept 1973	Data Report 59
74-9	Naidu, J.R. N.H. Cutshall	Radioactive zinc (65 zn), Zinc cadmium and mercury in Pacific <u>Hake-merluccius productus</u> (Ayres)	Data Report 60
74-10	Burt, W.V., H. Crew, N. Plutchak, J. Dumon	Diurnal variations of winds over an upwelling region off Oregon	Reprint 1974 A 003 564
74-11	Ness, G., G. Connard	Geophysical track line and geologi- cal sampling atlas	ATLAS No Distribution
74-12	VOID		
74-13	Marlow, C., C. Miller	The vertical distribution of zoo- plankton at Ocean Station "P" in June-July 1971	Data Report 61
74-14	Pond, S., D. Fissel, C. Paulson	A note on bulk aerodynamic co- efficients for sensible heat & moisture fluxes	Reprint 1974 A 003 567

74-15	Blakely, R., H. Schouten	Comments on 'Filtering Marine Magnetic Anomalies' by Hans Shouten & Keith McCamy	Reprint 1974 A 003 562
74-16	Blakely, R.	Geomagnetic reversals & crustal spreading rates during the miocene	Reprint 1974 A 003 566
74-17	Pytkowicz, R., J. Hawley	Bicarbonate and carbonate ion-pairs and a model of seawater at 25°	Reprint 1974 A 003 561
74-18	Zaneveld, J., D. Roach, H. Pak	The determination of the index of refraction distribution of oceanic particles	Reprint 1974 A 003 563
74-19	Brunson, B., W. Elliott	Steric contribution to the seasonal oscillation of sea level off Oregon	Reprint 1974 A 009 601
74-20	Pillsbury, D., J.S. Bottero, R.E. Still, E. Mittelstaedt	A compilation of observations from moored current meters. Volume 8. Wind, currents and temperature off northwest Africa along 21° 41'N during JOINT-I.	Data Report 62
74-21	Plank, W., R. Zaneveld, H. Pak	Temporal variability of suspended matter in Astoria Canyon	Reprint 1974 A 009 602
74-22	Pak, H., R. Zaneveld	Equatorial front in the eastern Pacific Ocean	Reprint 1974 A 009 603
74-23	Nath, H.H., F.L. Ramsey	Probability distributions of breaking wave heights	Reprint 1974 A 009 604
74-24	Quinn, W.H.	Monitoring and predicting El Niño invasions	Reprint 1974 A 009 605
74-25	Pytkowicz, R.M., S.E. Ingle, C. Mehrbach	Invariance of apparent equilibrium constants with pH	Reprint 1974 A 009 606
74-26	Park, P. Kilho, Louis I. Gordon, Saul Alvarez-Borrego	The carbon dioxide system of the Bering Sea	Reprint 1974 A 009 607
74-27	Heath, G. Ross	Dissolved silica and deep-sea sediments	Reprint 1974
74-28	Heath, G.R., T.C. Moore, Jr., G.L. Roberts	Mineralogy of surface sediments from the Panama Basin, Eastern Equatorial Pacific	Reprint 1974
74-29	Stevenson, M.R. R.W. Garvine, B. Wyatt	Lagrangian measurements in a coastal upwelling zone off Oregon	Reprint 1974

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75-1	B. Knapp (ed.)	Reference Number Listings 1972-1973-1974 Theses Listings 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
75-16	C.H. Culberson R.M. Pytkowicz E.L. Atlas	Hydrogen ion exchange on amorphous silica in seawater	Reprint 1975
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
75-20	K. Keeling M. Gemperle G. Connard	Geophysical library subroutines (*GLIB)	Research Report A018 736

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

REPORTS CORRECTIONS

Report

71-20 Add: R.M. Pytkowicz
The chemical stability of the oceans
Technical Report 214

THESES

- Alvarez-Sanchez, Luis
M.S. (Physical) Currents and water masses at the entrance to the Gulf of California, Spring, 1970. 75 p.
- Badan-Dangon, Antoine
M.S. (Physical) Density currents induced by freezing in a shallow polar ocean: some heuristic models. 50 p.
- Bodvarsson, Gudrun M.
M.S. (Physical) Ocean wave-generated microseisms at the Oregon coast. 83 p.
- Boese, Bruce L.
M.S. (Biological) The activity pattern of Diadora aspera. 38 p.
- Clark, James G.
M.S. (Geological) Age, chemistry, and tectonic significance of Easter and Sala y Gomez Islands. 131 p.
- Deason, Ellen E.
M.S. (Biological) An in-situ experiment on the effects of zooplankton grazing and nutrient regeneration on the phytoplankton of Yaquina Bay, Oregon. 69 p.
- DeManche, J. Michael
M.S. (Biological) Urea and ammonia as regenerated nitrogen nutrients for phytoplankton. 56 p.
- Donaghay, Percy L.
M.S. (Biological) Population dynamics of Skeletonema costatum in high dilution rate chemostats. 106 p.
- Elvin, David W.
Ph.D. (Biological) Oogenesis in Mytilus californianus. 171 p.
- Farreras, Salvador F.
M.S. (Physical) One-dimensional numerical model test and predictions for the Siuslaw estuary. 98 p.
- Larsen, D. Phillip
Ph.D. (Biological) Growth control of a marine diatom by low and limiting levels of nitrate-nitrogen. 121 p.
- Longaker, Harold L.
M.S. (Biological) Growth response of a marine phytoplankton Coccolithus huxleyi, to various chemical forms of cobalt. 52 p.
- Lough, R. Gregory
Ph.D. (Biological) Dynamics of crab larvae (Anomura, Brachyura) off the central Oregon coast, 1969-1971. 299 p.
- MacFarlane, William T.
Ph.D. (Geophysical) Long wavelength gravity anomalies and implications concerning a descending lithospheric slab in the Pacific Northwest. 81 p.
- Malfait, Bruce T.
Ph.D. (Geological) The Carnegie Ridge near 86° W: Structure, sedimentation, and near bottom observations. 131 p.
- Myers, Ann Hutchinson
M.S. (Biological) Vertical distribution of zooplankton in the Oregon coastal zone during an upwelling event. 62 p.
- Pequegnat, John E.
Ph.D. (Biological) Trace metals in phytoplankton from an area of coastal upwelling. 100 p.

- Poole, Stephen Lynn
M.S. (Physical) The effect of the land breeze on the mesoscale wind field off the Oregon coast. 79 p.
- Rea, C. Cary
M.S. (Geological) The erosion of Siletz Spit, Oregon 105 p.
- Rea, David K.
Ph.D. (Geological) Tectonics of the East Pacific Rise, 5° to 12° S. 139 p.
- Roach, David M.
Ph.D. (Physical) The determination of refractive index distributions for oceanic particulates. 173 p.
- Scheidt, Ronald C.
M.S. (Marine
Radioecology) Relation between natural radioactivity in sediment and potential heavy mineral enrichment on the Washington continental shelf. 64 p.
- Shabica, Stephen V.
M.S. (Biological) Reproductive biology of the brooding antarctic Lamellibranch Kidderia subquadratum Pelseneer. 143 p.
- Shreffler, Jack H.
Ph.D. (Physical) A numerical model of heat transfer to the atmosphere from an arctic lead. 135 p.
- Smith, Linda R.
M.S. (Biological) Small-scale horizontal spatial distribution of four species of copepods off the Oregon coast. 80 p.
- Trump, Clifford L.
M.S. (Physical) Fine-scale time variations of rainfall. 90 p.
- Wiese, Craig S.
M.S. (Biological) Effects of the polychlorinated biphenyl mixture aroclor[®] 1254 on Acartia clausi. 85 p.