COLLEGE OF OCEANOGRAPHY

BIBLIOGRAPHY OF
PUBLICATIONS 1979-1985
REPORTS 1955-1985
THESES 1978-1985

OREGON STATE UNIVERSITY

COMPiled BY
MIRIAM D. LUDWIG

Reference 87-1 May 1987
COLLEGE OF OCEANOGRAPHY
OREGON STATE UNIVERSITY
Corvallis, Oregon 97331

BIBLIOGRAPHY OF PUBLICATIONS AND THESES

Journal Publications 1979 - 1985
Data Reports 1955 - 1985
Selected Reference Numbers 1978 - 1985
Theses, Dissertations 1978 - 1985

Douglas R. Caldwell
Dean

Miriam D. Ludwig
Librarian

Reference 87-1
May 1987
CONTENTS

PREFACE

SECTION I    JOURNAL PUBLICATIONS    1979-1985

<table>
<thead>
<tr>
<th>Subject</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Oceanography</td>
<td>1-20</td>
</tr>
<tr>
<td>Chemical Oceanography</td>
<td>21-30</td>
</tr>
<tr>
<td>Marine Geology</td>
<td>31-52</td>
</tr>
<tr>
<td>Physical Oceanography</td>
<td>53-68</td>
</tr>
<tr>
<td>Geophysics</td>
<td>69-75</td>
</tr>
<tr>
<td>Author Index</td>
<td>76</td>
</tr>
</tbody>
</table>

SECTION II    DATA REPORTS, REFERENCE NUMBERS

<table>
<thead>
<tr>
<th>Type</th>
<th>Range</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Reports: Numbers 1-119</td>
<td>1955-1985</td>
<td>79-85</td>
</tr>
<tr>
<td>Selected Reference Numbers</td>
<td>1978-1985</td>
<td>87-88</td>
</tr>
<tr>
<td>Indexes to Data Reports and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Selected Reference Numbers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>List of all Reference Numbers</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION III    THESES AND DISSERTATIONS

<table>
<thead>
<tr>
<th>Type</th>
<th>Range</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theses and Dissertations</td>
<td>1978-1985</td>
<td>95-103</td>
</tr>
<tr>
<td>Author Index to Theses</td>
<td></td>
<td>105</td>
</tr>
<tr>
<td>Major Professors and their Degree Students</td>
<td></td>
<td>106-108</td>
</tr>
</tbody>
</table>
PREFACE

Oceanography at Oregon State University had its beginning with one man, Dr. Wayne V. Burt, who arrived on Campus in 1954 to join the Department of General Science. Now, in 1987, the College of Oceanography has some 90 faculty, 70 research assistants, 22 clerical and support personnel, and 80 graduate students.

During the years 1955 - 1985, more than 2000 journal papers and 200 Data and Technical Reports were published by faculty, staff, and students. During those years, 549 students earned 616 advanced degrees.

Collected Reprints was published for the years 1956 through 1978. Reference Number and Thesis Listing was published for the years 1955 - 1977. Both have ceased publication.

This Reference 87-1 has been compiled to bring the College of Oceanography publications lists up to date.

Journal Publications (Section I) are grouped by oceanography disciplines: biological, chemical, marine geology, physical, and geophysics. Within each discipline are, first, papers by faculty in alphabetical order by author; and second, papers by research assistants and students. Most citations are peer-review journal papers. A few books and book chapters are included, but abstracts, letters, and book reviews are not.

Data Reports and Selected Reference Numbers (Section II) are in numerical/chronological order. The indexes to this section give author, geographic location, code name, and series. A list of all Reference Numbers 1978 - 1985 is included.

Theses and Dissertations (Section III) are by year of degree, and alphabetically by author within each year. An author index and a list of major professors with their degree students are included.

Availability of publications varies. Many authors are no longer at Oregon State University, and many reports are out of print. The College of Oceanography does not keep extra copies of reports or reprints, although many of the authors do. Theses are not generally available for distribution. Ph.D. dissertations are available through University Microfilms. Therefore, to obtain a publication from these lists, please contact the author. We will help with problems of identification as needed.

Miriam D. Ludwig
Librarian
College of Oceanography
<table>
<thead>
<tr>
<th></th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Oceanography</td>
<td>1-20</td>
</tr>
<tr>
<td>Chemical Oceanography</td>
<td>21-30</td>
</tr>
<tr>
<td>Marine Geology</td>
<td>31-52</td>
</tr>
<tr>
<td>Physical Oceanography</td>
<td>53-68</td>
</tr>
<tr>
<td>Geophysics</td>
<td>69-75</td>
</tr>
<tr>
<td>Author Index</td>
<td>76</td>
</tr>
</tbody>
</table>
I. FACULTY

JOHN BAROSS


GEORGE BOEHLERT


ANDREW CAREY, JR.


TIMOTHY J. COWLES


BRUCE FREY


JONATHAN H. GARBER


JEFFERSON J. GONOR


DANIL R. HANCOCK


ROBERT L. HOLTON


KATHERINE JEFFERTS


BRUCE MATE


Richard Morita


Griffiths, R. P., T. M. McNamara, B. A. Caldwell and R. Y. Morita. 1981. Field observations on the acute effect of crude oil on glucose and glutamate uptake in samples collected from Arctic and Sub-Arctic waters. Applied and Environmental Microbiology 41:1400-1406.


DAVID M. NELSON


SALLY L. RICHARDSON


JOSEPH SIEBENALLER


LAWRENCE SMALL


RICHARD C. SWARTZ


GARY TAGHON


II. RESEARCH ASSISTANTS AND STUDENTS

SAUL ALVAREZ-BORREGO


JULIE W. AMBLER


HAROLD P. BATECHERDER


GORDON R. BILYARD


RICHARD BRODEUR


ROBIN BROWN


MARK A. BRZEZINSKI


ROBERT S. CARNEY

BARBARA L. DEXTER


PERCY L. DONAGHAY


DAVID W. ELVIN


JOSEPH P. FISHER


WENDY L. GABRIEL


DENA GADOMSKI


CHARLES F. GREENLAW


EVERETT W. HOGUE

GARY E. JOHNSON

JOHN KENNETH JOHNSON

HOWARD R. JONES

JOHN C. KERN
EARL E. KRYGIER


JOSE R. LARA-LARA


WAYNE LAROCHE


HARRIET V. LORZ


DAVID W. MENZIES

ROBERTO MILLAN-NUNEZ


PAUL A. MONTAGNA


STANLEY A. MOORE


BRUCE MUNDY


WILLIAM T. PETERSON


GERHARDT F. RIEDEL


THOMAS J. ROFFE


ANDREW ROSENBERG


PAUL H. SCOTT


JONATHAN SHENKER


JONATHAN L. TEMTE


KEITH R. WALTERS

J. MARCUS WILLIS


STEPHANIE L. WILSON


MARY YOKLAVICH

CHEMICAL OCEANOGRAPHY

I. FACULTY

TOM BEASLEY


Beasley, T. M. and C. D. Jennings. 1984. Inventories of $^{239,240}$Pu, $^{241}$Am, $^{137}$Cs and $^{60}$Co in Columbia River sediments from Hanford to the Columbia River estuary. Environmental Science & Technology 18:207-212.

DAVID CARLSON


CHEN-TUNG (ARTHUR) CHEN


Chen, C. T., J. H. Chen and F. J. Millero. 1980. Densities of NaCl, MgCl₂, Na₂SO₄, and MgSO₄ aqueous solutions at one atm from 0 to 50°C and 0.001 to 1.5 m. J. Chemical and Engineering Data 25:307-310.


ROBERT COLLIER


LOUIS I. GORDON


CHIH-AN HUH


FREDERICK G. PRAHL


RICARDO M. PYTKOWICZ


II. RESEARCH ASSISTANTS AND STUDENTS

LARY BALL


HARRY R. BELLER


MARIE DE ANGELIS


JOSEPH JENNINGS


KENNETH S. JOHNSON


MARVIN LILLEY


ERIC OLSON


MARTA VON BREY Mann

I. FACULTY

JOHN CORLISS


ELLEN T. DRAKE


ROBERT DUNCAN

JACK DYMOND


ROGER HART


G. ROSS HEATH


LEWIS HOGAN


ROBERT HOLMAN


WILLIAM H. HUTSON


DAVID KADKO


GEORGE H. KELLER


PAUL KOMAR

Komar, P. D. 1981. The applicability of the Gibbs equation for grain settling velocities to conditions other than quartz grains in water. J. Sedimentary Petrology 51:1125-1132.


LAVERNE KULM


MITCHELL LYLE


CURT PETERSON


NICKLAS PISIAS


KENNETH SCHEIDEgger


ERWIN SUESS


II. RESEARCH ASSISTANTS AND STUDENTS

JUMPEI BABA


NANCY BREWSTER


WILLIAM BUSCH


RICHARD COBLER


BOBBI CONARD


MILO CLAUSON


THOMAS DEVRIES


DAVID DONEGAN


CHRISTINA EMERICK


ALAN FEDERMAN


**BRUCE FINNEY**


**KATHLEEN FISCHER**


**LUIS FOK-PUN**


**SARAH HOFFMAN**


LAWRENCE KRISSEK


MARGARET LEINEN


PAUL LOUBERE


ANNE MATHERNE


ALAN MORSE

CHRIS MOSER


KIM MURPHY


DAVID MURRAY


HEIDI POWELL


CLARE REIMERS


CONSTANCE SANCETTA

Sancetta, C. 1979. Oceanography of the North Pacific during the last 18,000 years: evidence from fossil diatoms. Marine Micropaleontology 4:103-123.

GRETCHEN SCHUETTE


DEBRA STAKES


TODD THORNBURG

JOHN TOTH


ANDY UNGERER


KAREN WELIKY

PHYSICAL OCEANOGRAPHY

I. FACULTY

JOHN S. ALLEN

KENNETH BRINK


WAYNE V. BURT


DOUGLAS CALDWELL


54


DUDLEY CHELTON


ROLAND DE SZOEKE


TOM DILLON


DAVID ENFIELD


ADRIANA HUYER


ED JOSBERGER

MURRAY LEVINE


JAMES N. MOUN


VICTOR T. NEAL


STEVE NESHYBA


PRISCILLA NEWBERGER


P. PETER NIILER


HASONG PAK


CLAYTON PAULSON


R. DALE PILLSBURY


WILLIAM QUINN


JAMES RICHMAN


FRANK SCIREDAMMANO


ROBERT L. SMITH


P. TED STRUB


LYNNE D. TALLEY


J. RONALD V. ZANEVELD


II. RESEARCH ASSISTANTS AND STUDENTS

EDGAR L. ANDREAS


ANTOINE BADAN-DANGON


ROBERT BARTZ


JOSEPH BOTTERO


JOHN BRUBAKER

TERRY CHRISS

DONALD DENBO

STUART EIDE

THOMAS FONSECA
GEORGE HALLIWELL, JR.


THOMAS KEEFER


JAMES KITCHEN


RICHARD ROMEA


I. FACULTY

DALLAS ABBOTT


L. DALE BIBEE


GUNNAR BODVARSSON


RICHARD W. COUCH


MICHAEL FEHLER


MICHAEL GEMPERLE


RANDALL JACOBSON


ROBERT KARLIN


SHAUL LEVI


WILLIAM MENKE


GORDON NESS


II. RESEARCH ASSISTANTS AND STUDENTS

MICHEL BÉE

DAVID BRAMAN

BRYNDIS BRANDSDOTTIR

ROLIN CHEN

GERALD CONNARD

BRUCE DUBENDORFF
OSVALDO SANCHEZ-ZAMORA

## I. FACULTY

<table>
<thead>
<tr>
<th>Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbott</td>
<td>69</td>
</tr>
<tr>
<td>Allen</td>
<td>53</td>
</tr>
<tr>
<td>Baross</td>
<td>1</td>
</tr>
<tr>
<td>Beasley</td>
<td>21</td>
</tr>
<tr>
<td>Bibe</td>
<td>69</td>
</tr>
<tr>
<td>Bodvarsson</td>
<td>69</td>
</tr>
<tr>
<td>Boehlert</td>
<td>1</td>
</tr>
<tr>
<td>Brink</td>
<td>54</td>
</tr>
<tr>
<td>Burt</td>
<td>54</td>
</tr>
<tr>
<td>Caldwell</td>
<td>54</td>
</tr>
<tr>
<td>Carlson</td>
<td>21</td>
</tr>
<tr>
<td>Carey</td>
<td>2</td>
</tr>
<tr>
<td>Chelton</td>
<td>55</td>
</tr>
<tr>
<td>Chen</td>
<td>22</td>
</tr>
<tr>
<td>Collier</td>
<td>25</td>
</tr>
<tr>
<td>Corliss</td>
<td>31</td>
</tr>
<tr>
<td>Couch</td>
<td>70</td>
</tr>
<tr>
<td>Cowles</td>
<td>3</td>
</tr>
<tr>
<td>de Szoekoe</td>
<td>55</td>
</tr>
<tr>
<td>Dillon</td>
<td>56</td>
</tr>
<tr>
<td>Drake</td>
<td>31</td>
</tr>
<tr>
<td>Duncan</td>
<td>32</td>
</tr>
<tr>
<td>Dymond</td>
<td>33</td>
</tr>
<tr>
<td>Enfield</td>
<td>56</td>
</tr>
<tr>
<td>Fehrler</td>
<td>70</td>
</tr>
<tr>
<td>Frey</td>
<td>3</td>
</tr>
<tr>
<td>Garber</td>
<td>3</td>
</tr>
<tr>
<td>Gemperle</td>
<td>71</td>
</tr>
<tr>
<td>Gonor</td>
<td>3</td>
</tr>
<tr>
<td>Gordon</td>
<td>23</td>
</tr>
<tr>
<td>Hancock</td>
<td>4</td>
</tr>
<tr>
<td>Hart</td>
<td>34</td>
</tr>
<tr>
<td>Heath</td>
<td>34</td>
</tr>
<tr>
<td>Hogan</td>
<td>36</td>
</tr>
<tr>
<td>Holman</td>
<td>36</td>
</tr>
<tr>
<td>Holton</td>
<td>4</td>
</tr>
<tr>
<td>Huh</td>
<td>24</td>
</tr>
<tr>
<td>Hutson</td>
<td>36</td>
</tr>
<tr>
<td>Huyer</td>
<td>57</td>
</tr>
<tr>
<td>Jacobson</td>
<td>71</td>
</tr>
<tr>
<td>Jefferts</td>
<td>4</td>
</tr>
<tr>
<td>Josberger</td>
<td>57</td>
</tr>
<tr>
<td>Kado</td>
<td>37</td>
</tr>
<tr>
<td>Karlin</td>
<td>71</td>
</tr>
<tr>
<td>Keller</td>
<td>37</td>
</tr>
<tr>
<td>Komar</td>
<td>38</td>
</tr>
<tr>
<td>Kulm</td>
<td>39</td>
</tr>
<tr>
<td>Levi</td>
<td>72</td>
</tr>
<tr>
<td>Levine</td>
<td>58</td>
</tr>
<tr>
<td>Lyle</td>
<td>40</td>
</tr>
<tr>
<td>Mate</td>
<td>4</td>
</tr>
<tr>
<td>Menke</td>
<td>73</td>
</tr>
<tr>
<td>Miller</td>
<td>5</td>
</tr>
<tr>
<td>Morita</td>
<td>5</td>
</tr>
<tr>
<td>Moun</td>
<td>58</td>
</tr>
<tr>
<td>Neal</td>
<td>58</td>
</tr>
<tr>
<td>Nelson</td>
<td>8</td>
</tr>
<tr>
<td>Neshyba</td>
<td>58</td>
</tr>
</tbody>
</table>

## II. RESEARCH ASSISTANTS and STUDENTS

<table>
<thead>
<tr>
<th>Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alvarez-Borrego</td>
<td>13</td>
</tr>
<tr>
<td>Ambler</td>
<td>13</td>
</tr>
<tr>
<td>Andreas</td>
<td>65</td>
</tr>
<tr>
<td>Baba</td>
<td>46</td>
</tr>
<tr>
<td>Badan-Dagon</td>
<td>65</td>
</tr>
<tr>
<td>Ball</td>
<td>27</td>
</tr>
<tr>
<td>Bartz</td>
<td>65</td>
</tr>
<tr>
<td>Batchelder</td>
<td>13</td>
</tr>
<tr>
<td>Bee</td>
<td>74</td>
</tr>
<tr>
<td>Beller</td>
<td>27</td>
</tr>
<tr>
<td>Bilyard</td>
<td>14</td>
</tr>
<tr>
<td>Bottero</td>
<td>65</td>
</tr>
<tr>
<td>Braman</td>
<td>74</td>
</tr>
<tr>
<td>Brandsdottir</td>
<td>74</td>
</tr>
<tr>
<td>Brewster</td>
<td>46</td>
</tr>
<tr>
<td>Brodeur</td>
<td>14</td>
</tr>
<tr>
<td>Brown</td>
<td>14</td>
</tr>
<tr>
<td>Brubaker</td>
<td>66</td>
</tr>
<tr>
<td>Brzezinski</td>
<td>14</td>
</tr>
<tr>
<td>Busch</td>
<td>46</td>
</tr>
<tr>
<td>Carney</td>
<td>14</td>
</tr>
<tr>
<td>Chen, R.</td>
<td>74</td>
</tr>
<tr>
<td>Chrise</td>
<td>66</td>
</tr>
<tr>
<td>Clauson</td>
<td>47</td>
</tr>
<tr>
<td>Cobler</td>
<td>46</td>
</tr>
<tr>
<td>Conard</td>
<td>47</td>
</tr>
<tr>
<td>Conard</td>
<td>74</td>
</tr>
<tr>
<td>de Angelis</td>
<td>27</td>
</tr>
<tr>
<td>Denbo</td>
<td>66</td>
</tr>
<tr>
<td>DeVries</td>
<td>47</td>
</tr>
<tr>
<td>Dexter</td>
<td>15</td>
</tr>
<tr>
<td>Donaghy</td>
<td>15</td>
</tr>
<tr>
<td>Donegan</td>
<td>47</td>
</tr>
<tr>
<td>Dubendorff</td>
<td>74</td>
</tr>
<tr>
<td>Eide</td>
<td>66</td>
</tr>
<tr>
<td>Elvin</td>
<td>15</td>
</tr>
<tr>
<td>Emerick</td>
<td>47</td>
</tr>
<tr>
<td>Federman</td>
<td>47</td>
</tr>
<tr>
<td>Finney</td>
<td>48</td>
</tr>
<tr>
<td>Fischer</td>
<td>48</td>
</tr>
<tr>
<td>Fisher</td>
<td>15</td>
</tr>
<tr>
<td>Fonseca</td>
<td>66</td>
</tr>
<tr>
<td>Gabriel</td>
<td>15</td>
</tr>
<tr>
<td>Gadomski</td>
<td>15</td>
</tr>
<tr>
<td>Greenlaw</td>
<td>15</td>
</tr>
<tr>
<td>Halliwell</td>
<td>67</td>
</tr>
<tr>
<td>Harvey</td>
<td>16</td>
</tr>
<tr>
<td>Hoffman</td>
<td>48</td>
</tr>
<tr>
<td>Howe</td>
<td>16</td>
</tr>
<tr>
<td>Jennings</td>
<td>28</td>
</tr>
<tr>
<td>Johnson, G.</td>
<td>16</td>
</tr>
<tr>
<td>Johnson, J.K.</td>
<td>16</td>
</tr>
<tr>
<td>Johnson, K.S.</td>
<td>28</td>
</tr>
<tr>
<td>Jones</td>
<td>16</td>
</tr>
<tr>
<td>Keffer</td>
<td>67</td>
</tr>
<tr>
<td>Kern</td>
<td>16</td>
</tr>
<tr>
<td>Kitchen</td>
<td>67</td>
</tr>
<tr>
<td>Kriessk</td>
<td>49</td>
</tr>
<tr>
<td>Krygier</td>
<td>17</td>
</tr>
<tr>
<td>Lara-Lara</td>
<td>17</td>
</tr>
<tr>
<td>Laroche</td>
<td>17</td>
</tr>
<tr>
<td>Leinen</td>
<td>49</td>
</tr>
<tr>
<td>Lilley</td>
<td>28</td>
</tr>
<tr>
<td>Lorz</td>
<td>17</td>
</tr>
<tr>
<td>Loubere</td>
<td>49</td>
</tr>
<tr>
<td>Motherne</td>
<td>49</td>
</tr>
<tr>
<td>Menzies</td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Millan-Nunez</td>
<td>18</td>
</tr>
<tr>
<td>Montagna</td>
<td>18</td>
</tr>
<tr>
<td>Moore</td>
<td>18</td>
</tr>
<tr>
<td>Morse</td>
<td>49</td>
</tr>
<tr>
<td>Moser</td>
<td>50</td>
</tr>
<tr>
<td>Mundy</td>
<td>18</td>
</tr>
<tr>
<td>Murphy</td>
<td>50</td>
</tr>
<tr>
<td>Morray</td>
<td>50</td>
</tr>
<tr>
<td>Olson</td>
<td>29</td>
</tr>
<tr>
<td>Peterson, W.</td>
<td>18</td>
</tr>
<tr>
<td>Powell</td>
<td>50</td>
</tr>
<tr>
<td>Reimers</td>
<td>50</td>
</tr>
<tr>
<td>Riedel</td>
<td>18</td>
</tr>
<tr>
<td>Roffe</td>
<td>19</td>
</tr>
<tr>
<td>Romea</td>
<td>67</td>
</tr>
<tr>
<td>Rosenberg</td>
<td>19</td>
</tr>
<tr>
<td>Sancetta</td>
<td>51</td>
</tr>
<tr>
<td>Sanchez-Zamora</td>
<td>75</td>
</tr>
<tr>
<td>Schuette</td>
<td>51</td>
</tr>
<tr>
<td>Scott</td>
<td>19</td>
</tr>
<tr>
<td>Shenker</td>
<td>19</td>
</tr>
<tr>
<td>Spinrad</td>
<td>68</td>
</tr>
<tr>
<td>Stakes</td>
<td>51</td>
</tr>
<tr>
<td>Tente</td>
<td>19</td>
</tr>
<tr>
<td>Thornburg</td>
<td>51</td>
</tr>
<tr>
<td>Toth</td>
<td>52</td>
</tr>
<tr>
<td>Ungerer</td>
<td>52</td>
</tr>
<tr>
<td>von Breymann</td>
<td>29</td>
</tr>
<tr>
<td>Walters</td>
<td>19</td>
</tr>
<tr>
<td>Welisky</td>
<td>52</td>
</tr>
<tr>
<td>Willis</td>
<td>20</td>
</tr>
<tr>
<td>Wilson</td>
<td>20</td>
</tr>
<tr>
<td>Yoklavich</td>
<td>20</td>
</tr>
</tbody>
</table>
### SECTION II

**REPORTS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Reports 1-119 1955-1985</td>
<td>79-85</td>
</tr>
<tr>
<td>Selected Reference Numbers 1978-1985</td>
<td>87-88</td>
</tr>
<tr>
<td>List of Reference Numbers 1978-1985</td>
<td>89-90</td>
</tr>
<tr>
<td>Indexes</td>
<td>91</td>
</tr>
<tr>
<td>Ref.</td>
<td>Title</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>55-1</td>
<td>Hydrography of Coos Bay</td>
</tr>
<tr>
<td>61-4</td>
<td>Surface temperature and salinity observations at shore stations on the Oregon coast</td>
</tr>
<tr>
<td>63-16</td>
<td>Nearshore marine gravity range, Newport, Oregon</td>
</tr>
<tr>
<td>63-33</td>
<td>Hydrographic data from Oregon waters, June through December 1961</td>
</tr>
<tr>
<td>63-35</td>
<td>West coast linearity run to determine calibration factor of LaCoste-Romberg gravity meter S-9</td>
</tr>
<tr>
<td>64-14</td>
<td>Sedimentary rocks from the continental shelf and slope off the central coast of Oregon. (Reprint Ore Bin)</td>
</tr>
<tr>
<td>64-33</td>
<td>OSU Seismological Bulletin #3, January 1 to March 31, 1964</td>
</tr>
<tr>
<td>65-1</td>
<td>OSU Seismological Bulletin #4, April 1 to June 30, 1964</td>
</tr>
<tr>
<td>DR</td>
<td>Ref.#</td>
</tr>
<tr>
<td>----</td>
<td>-------</td>
</tr>
<tr>
<td>29</td>
<td>68-3</td>
</tr>
<tr>
<td>37</td>
<td>69-7</td>
</tr>
<tr>
<td>38</td>
<td>69-34</td>
</tr>
<tr>
<td>39</td>
<td>70-1</td>
</tr>
<tr>
<td>41</td>
<td>70-11</td>
</tr>
<tr>
<td>Ref. #</td>
<td>Title</td>
</tr>
<tr>
<td>-------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>52</td>
<td>1970 TOTEM wind and current data.</td>
</tr>
<tr>
<td>54</td>
<td>Hydrographic, chemical, and optical observations from Legs 4 and 5, YALOC-71.</td>
</tr>
<tr>
<td>DR</td>
<td>Ref.#</td>
</tr>
<tr>
<td>----</td>
<td>-------</td>
</tr>
<tr>
<td>59</td>
<td>74-8</td>
</tr>
<tr>
<td>60</td>
<td>74-9</td>
</tr>
<tr>
<td>63</td>
<td>75-3</td>
</tr>
<tr>
<td>66</td>
<td>77-5</td>
</tr>
<tr>
<td>69</td>
<td>78-3</td>
</tr>
<tr>
<td>73</td>
<td>79-8</td>
</tr>
<tr>
<td>74</td>
<td>79-11</td>
</tr>
</tbody>
</table>
Ref. S 75
Koblinsky, C. T. Keffe
P. Niiler

Koblinsky, C. P. Niiler
Direct measurements of circulation on West Florida continental shelf. 102 p.

Pak, H. D. Menzies J.R.V. Zaneveld
Optical and hydrographical observations off the coast of Peru during May-June 1977. 93 p. (WELOC-77)

Schrader, H.
No distribution

Huyer, A. W. Gilbert
Vertical sections and mesoscale maps of temperature, salinity, and sigma-t off the coast of Peru, July to October 1976 and March to May 1977. 62 p.

Baumann, R. C. Paulson J. Wagner
Towed thermistor chain observations in JASIN. 202 p. (N. Atlantic)

Menzies, D. et al.
Hydrographic, optical, and biological observations on the central Oregon shelf during 6-13 November 1977. 327 p.

Pillsbury, R.D. F. Sciremammano J. Bottero R. Still

deWitt, L. J. Bottero W.V. Burt C. Paulson J. Simpkins
Moored temperature observations in JASIN. 127 p. (N. Atlantic)

Dillon, T. D. Caldwell
Temperature microstructure profiles from the sub-tropical front. 126 p. (N. Pacific)

Pauslon, C. R. Baumann L. deWitt T. Spoering J. Wagner
Towed thermistor chain observations in FRONTS-80. 183 p.

Niiler, P.

Bottero, J. H. Bryden D. Root J. Simpkins

Gilbert, W. A. Huyer R. Schramm
Hydrographic data from the first Coastal Ocean Dynamics Experiment: R/V WECOMA Leg 2, 10-14 April 1981. 34 p. (California)

Fleischbein, J. W. Gilbert R. Schramm A. Huyer
CTD observations off Oregon and California, 5-17 February 1981. 122 p.

Pillsbury, R.D. J. Bottero R. Still

Fleischbein, J. W. Gilbert A. Huyer
Hydrographic data from the first Coastal Ocean Dynamics Experiment: R/V WECOMA Leg 4, 25 April-7 May 1981. 149 p. (California)

Gilbert, W. J. Fleischbein A. Huyer R. Schramm
Hydrographic data from the first Coastal Ocean Dynamics Experiment: R/V WECOMA Leg 5, 16-29 May 1981. 178 p. (California)
94 82-7  Miller, P. J. Whitman

95 82-8  Olivera, M. W. Gilbert J. Fleischbein A. Huyer R. Schramm
Hydrographic data from the first Coastal Ocean Dynamics Experiment: R/V WECOMA Leg 7, 1-14 July 1981. 163 p. (California)

96 82-9  Fleischbein, J. A. Huyer

97 82-10 Gilbert, W. A. Huyer R. Schramm
Hydrographic data from the first Coastal Ocean Dynamics Experiment: R/V WECOMA Leg 10, 1-4 August 1981. 44 p. (California)

98 82-12 Pittock, H. W. Gilbert A. Huyer R.L. Smith

99 82-14 Fleischbein, J. W. Gilbert A. Huyer R.L. Smith
CTD observations off Oregon and California: R/V WECOMA, W8112A-B, 4-16 December 1981. 80 p.

100 82-18 Fleischbein, J. W. Gilbert A. Huyer R.L. Smith

101 83-3 Fleischbein, J. W. Gilbert A. Huyer R. Schramm
Hydrographic data from the second Coastal Ocean Dynamics Experiment: R/V WECOMA Leg 0, 26 February-1 March 1982. 34 p. (California)

102 83-4 Fleischbein, J. W. Gilbert A. Huyer
Hydrographic data from the second Coastal Ocean Dynamics Experiment: R/V WECOMA Leg 6, 18-24 April 1982. 86 p. (California)

103 cancelled

104 83-10 Fleischbein, J. W. Gilbert A. Huyer

105 83-11 Fleischbein, J. W. Gilbert A. Huyer
Hydrographic data from the second Coastal Ocean Dynamics Experiment: R/V WECOMA Legs 3-5, 17 March-4 April 1982. 70 p. (California)

106 83-13 Fleischbein, J. R. Schramm A. Huyer R.L. Smith

107 84-4 Newberger, P. H. Danelongue D. Caldwell

108 84-6 Fleischbein, J. R. Schramm A. Huyer
Ancillary hydrographic data from the Coastal Ocean Dynamics Experiments: CODE-1, Legs 3 and 8, and CODE-2 Legs 10 and 13. 41 p.

109 84-7 Huyer, A. J. Fleischbein R. Schramm
<table>
<thead>
<tr>
<th>Ref. #</th>
<th>ISBN</th>
<th>Authors</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>111 84-9</td>
<td></td>
<td>Levine, M. S. Gard, J. Simpkins</td>
<td>Thermistor chain observations during MILDEX</td>
<td>159 p.</td>
</tr>
<tr>
<td>114 85-5</td>
<td></td>
<td>not yet published</td>
<td>not yet published</td>
<td></td>
</tr>
<tr>
<td>115 85-6</td>
<td></td>
<td>not yet published</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reference Number</td>
<td>Author(s)</td>
<td>Title</td>
<td>Pages</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>-----------</td>
<td>-------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>78-17</td>
<td>Brink, K., R.L. Smith, D. Halpern</td>
<td>A compendium of time series measurements from moored instrumentation during the MAM '77 phase of JOINT-II.</td>
<td>72 p.</td>
<td></td>
</tr>
<tr>
<td>79-2</td>
<td>Brink, K., W. Gilbert, A. Huyer</td>
<td>Temperature sections along the C-line over the shelf off Cabo Nazca, Peru from moored current meters, 18 March-10 May 1977 and CTD observations, 5 March - 15 May 1977.</td>
<td>78 p.</td>
<td></td>
</tr>
<tr>
<td>79-6</td>
<td>Johnson, R.K.</td>
<td>Gas bubble sizes for selected myctophids.</td>
<td>18 p.</td>
<td></td>
</tr>
<tr>
<td>79-7</td>
<td>Johnson, R.K., L. Flax, D. Standley</td>
<td>Backscattering programs for spherical targets.</td>
<td>30 p.</td>
<td></td>
</tr>
<tr>
<td>80-12</td>
<td>Kitchen, J., J.R.V. Zaneveld</td>
<td>Interrelationships between optical parameters, biological parameters and particle size distributions in Monterey Bay.</td>
<td>53 p.</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Author(s)</td>
<td>Title and Details</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>-----------</td>
<td>------------------</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AUTHOR INDEX

Data Reports Nos. 1-119/1955-1985

Selected Reference Nos. 1978-1985

Ambler, J. DR81
Allen, J. DR112
Baross, J. Ref. 80-7, 80-8
Barstow, D. DR27, 33, 35, 36, 42, 49, 50, 53, 69, 71
Barstow, L. DR56
Barton, E. DR63, 64
Bartz, R. Ref. 78-13
Baumann, R. DR80, 85; Ref. 82-3, 85-12
Beardsley, G. DR31
Bee, M. Ref. 79-9
Berg, J. DR9
Blanton, J. DR10
Bogert, L. DR30
Bottero, J. DR16, 57, 58, 62, 65, 67, 68, 82, 83, 88, 91, 118
Brink, K. Ref. 78-17, 79-2
Brown, M. DR110, Ref. 84-5
Bryden, H. DR88
Byrne, J.V. DR15
Caldeiff, D. DR84, 107, 110, 119; Ref. 81-10, 83-9, 84-5
Callaway, R. DR4
Cantey, J. DR119; Ref. 83-9, 84-5
Chereskin, T. DR2
Chiburuz, E. DR13; Ref. 79-9
Chung, A. Ref. 83-2, 84-2
Cohen, Y. Ref. 78-5
Collins, C. DR23
Coliver, M. DR14, 16
Coriiss, J. Ref. 80-7, 80-8
Creech, H.C. DR23
Curran, T. DR32
Cutshall, W. DR60
Dannelongue, H. DR107; Ref. 83-9, 84-5
Dehlinger, P. DR13, 14, 16, 17, 18, 19, 20, 22
Denbo, D. DR74, 112
dewitt, L. DR83, 85; Ref. 82-3, 85-12
Dillon, T. DR84, 110; Ref. 81-10, 83-9, 84-5
Domiguez, R. DR38
Elvin, D. DR45
Enfield, D. DR44, 70
Fisher, J. Ref. 81-13, 83-2, 84-2, 85-2, 85-14
Fieschesbein, J. DR90, 92, 93, 95, 96, 99, 100, 101, 102, 104, 105, 106, 108, 109, 117
Flynn, J. DR48
Frolander, H. DR48
Gallagher, J. DR20, 22
Gard, S. DR111
Gilbert, K. DR3
Gilbert, W. DR24, 25, 26, 27, 28, 29, 33, 35, 36, 37, 41, 42, 47, 49, 50, 51, 53, 55, 57, 58, 59, 63, 64, 69, 71, 79, 89, 90, 92, 93, 95, 97, 98, 100, 101, 102, 104, 105; Ref. 79-2
Gonor, J. DR34, 39, 45
Gordon, L. DR2, 49, 53, 56; Ref. 78-5, 80-8
Heath, G.R. Ref. 84-3
Hodgson, R. DR31
Hoffman, S. Ref. 80-7, 80-8
Johnson, R. Ref. 79-6, 79-7
Johnson, S. Ref. 79-9
Keffer, T. DR75
Kitchen, J. DR81; Ref. 78-13, 80-12
Knapp, B. Ref. 78-1
Kobinsky, C. DR75, 76
Kujala, N. DR5, 6, 7, 8, 11, 12
Levine, M. DR111; Ref. 82-3
Lilley, M. Ref. 78-5, 80-8
Lyle, M. Ref. 84-3
Maloney, N. DR15
Marlowe, C. DR61
Makilister, L. Ref. 79-9
Makilister, W.B. DR3, 10
Menzies, D. DR72, 77, 81; Ref. 78-13
Miller, C. DR48, 61
Mooers, C. DR30
Moore, S. DR81; Ref. 78-13
Moum, J. DR119
Newberger, P. DR107, 110; Ref. 84-5
Miller, P. DR75, 76, 86, 94; Ref. 81-2
Oliphant, M. DR95
Paduan, J. Ref. 85-12
Pak, H. DR54, 55, 77, 81; Ref. 78-13
Park, M. DR110, 119
Park, P.K. DR29, 33, 56
Patullo, J. DR23, 26, 40, 44, 46
Paulson, C. DR66, 74, 80, 83, 85, 113; Ref. 81-2, 82-3, 85-12
Pawley, W. DR29
Pearcy, W. Ref. 81-13, 83-2, 84-2, 85-2, 85-4, 85-14, 85-22
Peterson, W. DR81
Pillsbury; R.D. DR40, 44, 57, 58, 62, 65, 67, 68, 82, 91, 118
Pittcock, H. DR98
Plank, W. DR54, 55
Plutchak, N. DR52
Polzin, K. DR112
Queen, J. DR1
Reid, B. DR116
Rinehart, W. DR9
Robbins, J. Ref. 84-3
Robinson, A. DR43
Root, D. DR88, 117, 118
Sakou, T. DR43
Schatz, C. DR17, 18, 19
Schrann, R. DR69, 71, 89, 90, 93, 95, 97, 101, 106, 108, 109, 113, 116, 117
Sciremammano, F. DR68, 82
Seifert, E. DR119
Simkins, J. DR83, 88, 111
Simpson, J. DR66
Skorpen, A. DR22
Smith, R.L. DR30, 31, 40, 44, 46, 64, 70, 98, 99, 100, 106, 112, 116, 117; Ref. 78-17
Spinrad, R. DR72; Ref. 78-13
Sporoer, T. DR74, 85
Spring, S. DR48
Staben, P. DR119
Standley, D. DR56; Ref. 79-7
Stevenson, M. DR26, 63
Still, R. DR11, 21, 27, 32, 33, 43, 57, 58, 62, 65, 67, 68, 82, 91
Thom, A. DR39, 45
Tomlinson, R. DR49, 53, 56
Wagner, J. DR74, 80, 85; Ref. 82-3, 85-12
Wakefield, W. Ref. 81-13
Washburn, J. DR50
Wilcox, S. DR19; Ref. 83-9, 84-5
Wilson, C. Ref. 85-4, 85-22
Wyatt, B. DR4, 5, 6, 7, 8, 11, 12, 21, 24, 25, 26, 27, 28, 33, 35, 36, 37, 41, 42, 47, 49, 50, 51, 53
Young, D. DR38
Zaneveld, J.R.V. DR31, 72, 77, 81; Ref. 78-13; 80-12
Zimmerman, S. DR48
INDEX TO LOCATION, CODE NAMES, SERIES

Data Reports 1955-1985
Selected Reference Numbers 1978-1985

Oregon
Hydrographic data from Oregon waters, 1955-1971
DR1, 2, 3, 4, 5, 7, 12, 24, 27, 33, 35, 36, 42, 49, 53

Surface temperature and salinity, Pacific Northwest shore stations, 1960-1971
DR6, 8, 11, 21, 25, 28, 37, 41, 47, 51

Compilation of observations from moored current meters (Oregon only)
DR23, 30, 40, 46, 57, 58

Other Oregon
DR9, 10, 15, 26, 32, 34, 39, 43, 45, 48, 50, 52, 55, 56, 59, 60, 64, 81, 90, 96, 98, 99, 100, 104, 106, 112, 116, 117;
Ref. 81-13, 83-2, 84-2, 85-2, 85-4, 85-14, 85-22

Africa
DR62, 63, 72

Alaska
Ref. 79-9

California
DR60, 89, 90, 92, 93, 95, 96, 97, 99, 100, 101, 102, 104, 105, 106, 108, 109, 112, 117;
Ref. 85-2

DRAKE PASSAGE
DR65, 67, 68, 82, 91

Emperor Seamounts
DR118

Florida
DR76

Gulf Stream
Ref. 82-3

Johnston Island
DR31

Kuroshio
DR66, 94

Monteorey Bay
Ref. 78-13, 80-12

New Zealand
DR88

North Atlantic
DR75, 80, 83

North Pacific
DR74, 84, 85; Ref. 78-5, 81-2

Ocean Station "P"
DR61

Pacific Northwest
DR21, 25, 28, 37, 41, 47, 51; Ref. 81-13, 83-2, 84-2, 85-2

Panama Basin
DR54

Peru
DR44, 69, 70, 71, 77, 79; Ref. 79-2

CODE
DR89, 92, 93, 95, 97, 101, 102, 104, 105, 108, 109

CUEA
DR58, 59, 62, 64, 69, 79

DRAKE
DR65, 67, 68, 82, 91

FRONTS
DR84, 85; Ref. 81-2, 83-9

JASIN
DR80, 83

JOINT
DR62, 63, 70; Ref. 78-17

MILDEX
DR107, 110, 111; Ref. 85-12

MILE
DR74

NORPAX
DR66

POLYMODE
DR75

TROPIC HEAT
DR113, 119

WELOC '77
DR77, Ref. 78-5 (also Ref. 77-17)

YALOC '71
DR54

Compilation of observations from moored current meters
v.I
DR23 (Oregon)

v.II
DR30 (Oregon)

v.III
DR40 (Oregon)

v.IV
DR44 (Peru)

v.V
DR46 (Oregon)

v.VI
DR57 (Oregon)

v.VII
DR58 (Oregon)

v.VIII
DR62 (Africa)

v.IX
DR65 (Drake)

v.X
DR67 (Drake)

v.XI
DR68 (Drake)

v.XII
DR70 (Peru)

v.XIIA
DR82 (Drake)

v.XIII
DR88 (New Zealand)

v.XIV
DR91 (Drake)

v.XV
DR118 (Emperor Seamounts)

OSU Seismological Bulletin
DR14, 16, 17, 18, 19, 20, 22

Carpenter's tables
DR29

Submarine hydrothermal systems
Ref. 80-7, 80-8
### List of Reference Numbers 1978 - 1985

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1978</td>
<td>Reference Number &amp; Thesis List for 1977</td>
<td>81-1 Cancelled</td>
<td>84-1 Cancelled</td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 69</td>
<td>81-3 Data Report 86</td>
<td>84-3 Report</td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 70</td>
<td>81-4,5,6 Reprints</td>
<td>84-4 Data Report 107</td>
</tr>
<tr>
<td>1978</td>
<td>Contract Report</td>
<td>81-7 Data Report 87</td>
<td>84-5 Report</td>
</tr>
<tr>
<td>1978</td>
<td>Reprints</td>
<td>81-8 Data Report 88</td>
<td>84-6 Data Report 108</td>
</tr>
<tr>
<td>1978</td>
<td>Reprints</td>
<td>81-9 Reprint</td>
<td>84-7 Data Report 109</td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 71</td>
<td>81-10 Report</td>
<td>84-8 Data Report 110</td>
</tr>
<tr>
<td>1978</td>
<td>Reprints</td>
<td>81-11 Reprint</td>
<td>84-9 Data Report 111</td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 72</td>
<td>81-12 Data Report 89</td>
<td>84-10,11 Reprints</td>
</tr>
<tr>
<td>1978</td>
<td>Reprints</td>
<td>81-13 Report</td>
<td>84-12 Data Report 112</td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 73</td>
<td>81-14,15 Reprints</td>
<td>84-13 Contract Report</td>
</tr>
<tr>
<td>1978</td>
<td>Reprints</td>
<td>81-16 Data Report 90</td>
<td>84-14 Contract Report</td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 74</td>
<td>81-17 Data Report 91</td>
<td>84-15,16,17 Reprints</td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 75</td>
<td>81-18 thru 81-24 Reprints</td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 76</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 77</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 78</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 79</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Reprints</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Marine Resource Mgmt. Class Project Reports</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 81</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 82</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Reprint</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 83</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 84</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 85</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Reprints</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 86</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 87</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 88</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 89</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 91</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 92</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 93</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 94</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 96</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 97</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 98</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 99</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 101</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 102</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 103 cancelled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 104</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 105</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>Data Report 106</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### List of Reference Numbers 1979

<table>
<thead>
<tr>
<th>Year</th>
<th>Reference Number &amp; Thesis List for 1979</th>
<th>1982</th>
<th>1985</th>
</tr>
</thead>
<tbody>
<tr>
<td>1979</td>
<td>Reference Number &amp; Thesis List for 1979</td>
<td>82-1 Cancelled</td>
<td>85-1 Cancelled</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 72</td>
<td>82-2 Data Report 92</td>
<td>85-2 Report</td>
</tr>
<tr>
<td>1979</td>
<td>Reprints</td>
<td>82-3 Report</td>
<td>85-3 Data Report 113</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 73</td>
<td>82-4 Reprint</td>
<td>85-4 Report</td>
</tr>
<tr>
<td>1979</td>
<td>Contract Report</td>
<td>82-5 Data Report 93</td>
<td>85-5 Data Report 114</td>
</tr>
<tr>
<td>1979</td>
<td>Reprints</td>
<td>82-6 Reprint</td>
<td>85-6 Data Report 115</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 74</td>
<td>82-7 Data Report 94</td>
<td>85-7 Data Report 116</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 75</td>
<td>82-8 Data Report 95</td>
<td>85-8 Contract Report</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 76</td>
<td>82-9 Data Report 96</td>
<td>85-9 Contract Report</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 77</td>
<td>82-10 Data Report 97</td>
<td>85-10 Void</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 78</td>
<td>82-11 Reprint</td>
<td>85-11 Data Report 117</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 79</td>
<td>82-12 Data Report 98</td>
<td>85-12 Report</td>
</tr>
<tr>
<td>1979</td>
<td>Reprints</td>
<td>82-13 Reprint</td>
<td>85-13 Data Report 118</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 80</td>
<td>82-14 Data Report 99</td>
<td>85-14 Report</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 81</td>
<td>82-15,16 Reprints</td>
<td>85-15 thru 85-20 Reprints</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 82</td>
<td>82-17 Marine Resource Mgmt. Class Project Reports</td>
<td>85-21 Data Report 119</td>
</tr>
<tr>
<td>1979</td>
<td>Reprints</td>
<td>82-18 Data Report 100</td>
<td>85-22 Report</td>
</tr>
<tr>
<td>1979</td>
<td>Data Report 83</td>
<td>92-19,20 Reprints</td>
<td>85-23 thru 85-26 Reprints</td>
</tr>
</tbody>
</table>

### List of Reference Numbers 1980

<table>
<thead>
<tr>
<th>Year</th>
<th>Reference Number &amp; Thesis List for 1980</th>
<th>1983</th>
<th>1984</th>
</tr>
</thead>
<tbody>
<tr>
<td>1980</td>
<td>Reference Number &amp; Thesis List for 1980</td>
<td>83-1 Cancelled</td>
<td>84-1 Cancelled</td>
</tr>
<tr>
<td>1980</td>
<td>Reprints</td>
<td>83-3 Data Report 101</td>
<td>84-3 Report</td>
</tr>
<tr>
<td>1980</td>
<td>Data Report 81</td>
<td>83-4 Data Report 102</td>
<td>84-4 Data Report 107</td>
</tr>
<tr>
<td>1980</td>
<td>Reprint</td>
<td>83-5,6,7,8 Reprints</td>
<td>84-5 Report</td>
</tr>
<tr>
<td>1980</td>
<td>Report</td>
<td>83-9 Data Report 103 cancelled</td>
<td>84-6 Data Report 108</td>
</tr>
<tr>
<td>1980</td>
<td>Report</td>
<td>83-10 Data Report 104</td>
<td>84-7 Data Report 109</td>
</tr>
<tr>
<td>1980</td>
<td>Data Report 82</td>
<td>83-11 Data Report 105</td>
<td>84-8 Data Report 110</td>
</tr>
<tr>
<td>1980</td>
<td>Data Report 83</td>
<td>83-12 Reprint</td>
<td>84-9 Data Report 111</td>
</tr>
<tr>
<td>1980</td>
<td>Data Report 84</td>
<td>83-13 Data Report 106</td>
<td></td>
</tr>
</tbody>
</table>
SECTION III

THESES and DISSERTATIONS

1978 - 1985

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theses and Dissertations</td>
</tr>
<tr>
<td>Author Index</td>
</tr>
<tr>
<td>Major Professors</td>
</tr>
</tbody>
</table>
Andreas, Edgar L. Ph.D. (Physical)
Borgerson, Mark J. M.S. (Chemical)
Cohen, Yuval Ph.D. (Chemical)
Coperude, Shane P. M.A. (Geophysics)
Dexter, Barbara M.S. (Biological)
Gallacher, Patrick C. M.S. (Physical)
Guin, Marilyn P. M.S. (Biological)
Hansen, Robert M. Ph.D. (Physical)
Hanson, Jonathan M. Ph.D. (Geophysics)
Kitchen, James C. M.S. (Physical)
Lopez, Carlos M.S. (Geological)
Martell, C. Michael M.S. (Physical)
Miller, Martin C. Ph.D. (Physical)
Molina-Cruz, Adolfo Ph.D. (Geological)
Nishikawa-Kinomura, A. M.S. (Biological)
Osmer, Stephen R. M.S. (Physical)
Peterson, Robert E. Ph.D. (Geological)
Plawman, Thomas L. M.S. (Geophysics)
Ratti, Frank D. M.S. (Biological)
Reed, John C. M.S. (Physical)
Riedel, Gerhardt F. M.S. (Biological)
Selk, Bruce W. M.S. (Geological)
Sepulveda-Vidal, Jose M.S. (Biological)
Silva-Sandoval, Nelson R. M.S. (Chemical)

Observations of velocity and temperature and estimates of momentum and heat fluxes in the internal boundary layer over Arctic leads. 263 p.

An analytical method for the determination of molecular hydrogen in seawater. 56 p.

Studies on the marine chemistry of nitrous oxide. 112 p.

Geologic structure of the western continental margin of south central Baja California based on seismic and potential field data. 66 p.

*The molting biology and molting behavior of two species of euphausiids off Oregon. 158 p.

A description of oceanic mixed layer at Ocean Station P during August and September 1958 to 1967. 38 p.

*The role of stridulation in the behavior of the shore crab Hemigrapsus oregonensis. 53 p.

*An examination of the mesoscale characteristics of the coastal wind field. 63 p.

Heat transfer effects in forced geoheat recovery systems. 217 p.

*Particle size distributions and the vertical distribution of suspended matter in the upwelling region off Oregon. 118 p.

Elemental distributions in the components of metalliferous sediments from the Bauer and Roggeveen Basins - Nazca Plate. 154 p.

On dispersive continental shelf waves generated by alongshore variations in bottom topography. 48 p.

*Laboratory and field investigations on the movement of sand under the influence of water waves: ripple geometry and longitudinal spreading of tracer material. 123 p.

Late Quaternary oceanic circulation along the Pacific Coast of South America. 246 p.

*Trace elements in oyster biodeposits. 93 p.

*A statistical analysis of sea level and wind stress at seven locations on the west coast of North America. 83 p.

*A study of suspended particulate matter: Arctic Ocean and northern Oregon continental shelf. 122 p.

Crustal structure of the Continental Borderland and the adjacent portion of Baja California between latitudes 30°N and 33°N. 72 p.


*An application of a mathematical hydraulics model to Yaquina Bay, Oregon. 235 p.

Isotopic exchange and complexation of iron, zinc, and manganese in a long-term marine phytoplankton culture. 92 p.


Water mass structure and circulation off Southern Chile. 83 p.

Oregon related

95
Spinrad, Richard W.
M.S. (Physical)

Thrasher, Glenn P.
M.S. (Geophysics)

Wakeham, Susan
M.S. (Geological)

Yao, Tom
Ph.D. (Physical)

Experimental and theoretical measurements of the particulate volume scattering function at near forward angles. 77 p.

*Median valley crustal structure and sea floor spreading at the Gorda Ridge 42°N latitude. 67 p.

*Petrochemical patterns in young pillow basalts dredged from Juan de Fuca and Gorda Ridges. 95 p.

Some effects of topography and vertical shear on low-frequency ocean fluctuations. 102 p.

Baumann, Richard J.
M.S. (Physical)

Bee, Michel
M.S. (Geophysics)

Boler, Frances, M.
M.S. (Geophysics)

Briceno-Guarupe, Luis A.
M.S. (Geophysics)

Broome, Robert
M.S. (Physical)

Calderon-Riveroll, Gustavo
Ph.D. (Geophysics)

Davis, John S.
M.S. (Biological)

Flegal, Arthur R., Jr.
Ph.D. (Biological)

Gabriel, Wendy L.
M.S. (Biological)

Johnson, Kenneth S.
Ph.D. (Chemical)

Johnson, Vernon G.
Ph.D. (Biological)

Jones, Paul R., III
Ph.D. (Geophysics)

Karlin, Robert
M.S. (Geological)

Kemp, Paul F.
M.S. (Biological)

Keser, Judith C.
M.S. (Geophysics)

Koblinsky, Chester J.
Ph.D. (Physical)

An analysis of one year of surface layer meteorological data from the Arctic ice pack. 52 p.

Marine seismic refraction study between Cape Simpson and Prudhoe Bay, Alaska. 83 p.

*Aeromagnetic measurements, magnetic source depths, and the Curie point isotherm in the Vale-Owyhee, Oregon geothermal area. 104 p.

Crustal structure and tectonic framework of the Gulf of Panama. 71 p.

Sediment transport beneath an undular hydraulic jump. 54 p.

A marine geophysical study of Vizcaino Bay and the continental margins of western Mexico between 27° and 30° North latitude. 178 p.

*Diel activity of benthic crustaceans in the Columbia River estuary. 170 p.

*A biogeochemical study of manganese in the estuarine zone. 124 p.

*Feeding selectivity of the Dover sole (Microstomus pacificus Lockington) off Oregon. 123 p.

Ion association and activity coefficients in electrolyte solutions. 320 p.

*Decline of radioactivity in the Columbia River and estuary: rates and mechanisms. 126 p.

Seismic ray trace techniques applied to the determination of crustal structures across the Peru continental margin and Nazca Plate at 9°S latitude. 156 p.

*Sediment sources and clay mineral distributions off the Oregon coast; evidence for a poleward slope undercurrent. 88 p.

*Dispersion of the sandy-beach amphipod Bonaustorius brevicuspis Bosworth. 155 p.

*Wide-angle seismic refraction and reflection studies of the northern California and southern Oregon continental margins. 103 p.

Tides on the West Florida shelf. 110 p.

*Oregon related
Lara-Lara, Jose R. M.S. (Biological)

Lyle, Mitchell Ph.D. (Geological)

Medina, Francisco A. M.S. (Physical)

Nunez-Dupre, Jose D. M.S. (Biological)

Pitts, Gerald S. M.S. (Geophysics)

Plath, David C. M.S. (Chemical)

Reimers, Clare E. M.S. (Physical)

Shyu, Chuen-Tien Ph.D. (Geophysics)

Simmons, Daniel L. M.S. (Biological)

Spoering, Thomas J. M.S. (Physical)

Stakes, Debra S. Ph.D. (Geological)

Wrolstad, Keith H. Ph.D. (Geophysics)

Variability and tidal exchange of ecological properties in a coastal lagoon. 59 p.

Formation and growth of ferromanganese oxides on the Nazca Plate. 172 p.

A study of wind, oceanic temperature and hydrography in the upwelling area off Peru. 62 p.

*Numerical classification analysis of infaunal competition and distribution on two Oregon coast beaches. 93 p.

*Interpretation of gravity measurements made in the Cascade Mountains and the adjoining basin and range province in Central Oregon. 186 p.

The solubility of CaCO₃ in seawater and the determination of activity coefficients in electrolyte solutions. 92 p.

The flow mechanics and resulting erosional and depositional features of explosive volcanic density currents on Earth and Mars. 117 p.

Numerical analysis of critical field functions for thermal convection in vertical or quasi-vertical Darcy flow slabs. 190 p.

*The effect of short-term thermal stresses on the survival of nearshore copepods. 82 p.

Towed observations of internal waves in the upper ocean. 121 p.

Submarine hydrothermal systems: variations in mineralogy, chemistry, temperatures and the alteration of oceanic layer II. 189 p.

*Applications of source signature deconvolution to air gun seismic profiling and the measurement of attenuation from reflection seismograms. 325 p.

*Oregon related
Acuna, Jenaro A.  
M.S.  (Chemical)

Batchelder, Harold P.  
M.S.  (Biological)

Bilyard, Gordon R.  
Ph.D.  (Biological)

Brubaker, John M.  
Ph.D.  (Physical)

Connard, Gerald G.  
M.S.  (Geophysics)

Dahm, Clifford N.  
Ph.D.  (Chemical)

de Angelis, Marie A.  
M.S.  (Chemical)

DeManche, John M.  
Ph.D.  (Biological)

DeVries, Thomas J.  
M.S.  (Biol/Geological)

Donaghay, Percy L.  
Ph.D.  (Biological)

Fisher, Joseph P.  
M.S.  (Biological)

Hewitt, Gary R.  
M.S.  (Biological)

Ibach, Lynne J.  
M.S.  (Geological)

Ishida, Hiroshi  
M.S.  (Physical)

Luna-Hdez, Jose R.  
M.S.  (Physical)

Moser, John C.  
M.S.  (Geological)

Peterson, William T.  
Ph.D.  (Biological)

Powell, Heidi S.  
M.S.  (Geol/Micro.)

Schuette, Gretchen  
Ph.D.  (Geological)

Willis, J. Marcus  
M.S.  (Biological)

Elimination of sulfide interference with the calorimetric determination of nitrate.  20 p.

*Population characteristics of the intertidal green sea anemone, Anthopleura xanthogrammica, on the Oregon coast.  75 p.


Space-time scales of temperature variability in the seasonal thermocline of Lake Tahoe.  104 p.

*Analysis of aeromagnetic measurements from the Central Oregon Cascades.  101 p.


*Nitrous oxide studies in two marine environments: an unpolluted estuary and the interstitial water of a deep sea sediment.  64 p.


Nekton remains, diatoms, and Holocene upwelling off Peru.  85 p.

Experimental and conceptual approaches to understanding algal-grazer interactions.  214 p.

Reproduction, growth, feeding, and distribution of the mesopelagic fish Tactostoma macropus.  77 p.

*Seasonal changes in English sole distribution: an analysis of the inshore trawl fishery off Oregon.  59 p.

The relationship between sedimentation rate and total organic carbon content in ancient marine sediments.  46 p.

Analysis of meteorological observations from an array of buoys during JASIN.  63 p.

One-dimensional numerical model of tides in Punta Banda estuary, Mexico.  67 p.

Sedimentation and accumulation rates of Nazca Plate metalliferous sediments by high resolution Ge(Li) gamma-ray spectrometry of uranium series isotopes.  65 p.

*Life history and ecology of Calanus marshallae Frost in the Oregon upwelling zone.  200 p.

*Decomposition of organic matter in estuarine sediments by sulfate reduction: a field study from Yaquina Bay and sediment incubation experiments.  173 p.

Recent marine diatom taphocoenoses off Peru and off South West Africa: reflection of coastal upwelling.  115 p.

*Vertical distribution and migration of fishes from the lower mesopelagic zone off Oregon.  51 p.

*Oregon related
Avera, William E.
M.S. (Geophysics)

Axelsson, Gudni
M.S. (Geophysics)

Baba, Jumpei
M.S. (Geological)

Badan-Dangon, Antoine R.F.
Ph.D. (Physical)

Braman, Dave E.
M.S. (Geophysics)

Brown, Robin F.
M.S. (Biological)

Busch, William H.
Ph.D. (Geological)

Cook, Jeffrey A.
M.S. (Geophysics)

Drake, Ellen T.
Ph.D. (Geological)

Glick, Melissa A.
M.S. (Biological)

Ibach, Darrell H.
M.S. (Geological)

Jennings, Joe C.
M.S. (Chemical)

Johnson, Gary E.
M.S. (Biological)

Johnson, John K.
Ph.D. (Biological)

Keffer, Thomas
Ph.D. (Physical)

Loubere, Paul
Ph.D. (Geological)

Millan-Nunez, Roberto
M.S. (Biological)

Murllo, Luis
M.S. (Physical)

Newberger, Priscilla
Ph.D. (Physical)

Roffe, Thomas J.
Ph.D. (Biological)

Rosenberg, Andrew A.
M.S. (Biological)

Sanchez-Zamora, Osvaldo
M.S. (Geophysics)

Spillane, Michael C.
Ph.D. (Physical)

Thornburg, Todd M.
M.S. (Geological)

Iterative techniques in linearized free surface flow. 83 p.

Tidal tilt observations in the Krafla geothermal area in North Iceland. 152 p.

Experiments on the settling behavior of irregular grains in a fluid. 47 p.

On the dynamics of subinertial currents off Northwest Africa. 167 p.

*Interpretation of gravity anomalies observed in the Cascade Mountain province of northern Oregon. 144 p.

*Abundance, movements and feeding habits of the harbor seal, Phoca vitulina, at Netarts Bay, Oregon. 69 p.

The physical properties, consolidation behavior, and stability of the sediments of the Peru-Chile continental margin. 149 p.

*Sonobuoy refraction study of the crust in the Gorda Basin. 120 p.


Substrate capture, uptake, and utilization of some amino acids by starved cells of a psychrophilic marine Vibrio. 61 p.

**The structure and tectonics of the Blanco Fracture Zone. 60 p.

Meridional fluxes of dissolved silicon in the Southern Ocean. 48 p.

*The tidal exchange of Callianassa californiensis larvae between the ocean and Salmson River estuary, Oregon. 51 p.


Mean and time-dependent temperature and vorticity balances in the subtropical North Atlantic. 198 p.

Properties of the oceans reflected in the sea-bed distribution of Quaternary planktonic foraminifera. 110 p.

Effects of physical phenomena on the distribution of nutrients and phytoplankton productivity in a coastal lagoon. 58 p.


Turbulence in the bottom boundary layer. 53 p.

*Population, food habits, and behavior of pinnipeds in the Rogue River and their relationship to salmonid runs. 155 p.

*Growth of juvenile English sole, Parophrys vetulus, in estuarine and open coastal nursery grounds. 51 p.

Gravity and structure of the Pacific continental margin of central Mexico. 39 p.


Sedimentary basins of the Peru continental margin: structure, stratigraphy, and Cenozoic tectonics from 6°S to 16°S latitude. 60 p.

*Oregon related
THESSES 1982

Anderson, Iain  
M.S. (Physical)

Carlson, Barbara L.K.  
M.S. (Biological)

Chriiss, Terry  
Ph.D. (Physical)

deWitt, Lynn M.  
M.S. (Physical)

Donegan, David  
M.S. (Geological)

Fok-Pun, Luis  
M.S. (Geological)

Fonseca, Tomas R.  
M.S. (Physical)

Hammann, Mark G.  
M.S. (Biological)

Hogue, Everett W.  
Ph.D. (Biological)

Kern, John C.  
M.S. (Biological)

Krissek, Lawrence A.  
Ph.D. (Geological)

Matherne, Anne M.  
M.S. (Geological)

McLain, William H.  
M.S. (Geophysics)

Murray, David W.  
M.S. (Geological)

Ness, Gordon E.  
Ph.D. (Geophysics)

Nielsen, R. Drew  
M.S. (Biological)

Olson, Eric J.  
M.S. (Chemical)

Relmers, Clare  
Ph.D. (Geological)

Solano-Borrego, Ariel E.  
M.S. (Geophysics)

Spirrad, Richard W.  
Ph.D. (Geol/Physical)

Stabeno, Phyllis, J.  
Ph.D. (Physical)

Strehlow, David R.  
M.S. (Biological)

Veen, Cynthia A.  
M.S. (Geophysics)

*Near-inertial motions off the Oregon coast. 50 p.

*Effects of temperature, salinity, feeding, substrate, and storage on the setting and survival of commercially-reared eyed larvae of the Pacific oyster, Crassostrea gigas. 98 p.

*A study of turbulence in the viscous sublayer and logarithmic region of the bottom boundary layer. 123 p.

Variability of the upper ocean internal wave field during JASIN. 65 p.


Settling velocities of planktonic foraminifera: density variations and shape effects. 33 p.

*On physical characteristics of upwelling events off Oregon and Peru. 66 p.


*Seasonal change in the abundance and spatial distribution of a meio-benthic assemblage on the open Oregon coast and its relationship to the diet of 0-age flat-fishes. 125 p.

Succession of the under-ice fauna on fast ice off Narwhal Island, Alaska, in 1980 and a report on an exclusion experiment of sub-ice fauna from the ice. 41 p.

*Sources, dispersal, and contributions of fine-grained terrigenous sediments on the Oregon and Washington continental slope. 226 p.


*Geothermal and structural implications of magnetic anomalies observed over the southern Oregon Cascade Mountains and adjoining Basin and Range province. 151 p.

Paleoceanography of the Gulf of California based on silicoflagellates from marine varved sediments. 129 p.

Late neogene tectonics of the mouth of the Gulf of California. 143 p.

*Americium and plutonium in water, biota, and sediment from the central Oregon coast. 79 p.

Calcium in the equatorial Pacific Ocean. 84 p.


*Microseismicity on the Gorda Ridge. 76 p.

Optical characteristics of the suspended sediment in the high energy benthic boundary layer experiment. 134 p.

The reflection, transmission and scattering of internal waves at ocean fronts. 130 p.

*The relation of tidal height and sediment type to the inter-tidal distribution of marine oligochaetes in Coos Bay, Oregon. 82 p.

*Gravity anomalies and their structural implications for the Southern Oregon Cascade Mountains and adjoining Basin and Range province. 86 p.

*Oregon related
Brodeur, Richard D.  
M.S.  (Biological)

Denbo, Donald W.  
Ph.D.  (Physical)

Dexter, Barbara L.  
Ph.D.  (Biological)

Ganoe, Steven J.  
M.S.  (Geophysics)

Goodman, Dean  
M.S.  (Geophysics)

Gushee, Dean E.  
M.S.  (Biological)

Henderson, Curtis D.  
M.S.  (Biological)

Jefferts, Katharine  
Ph.D.  (Biological)

Lara-Lara, Jose R.  
Ph.D.  (Biological)

Lilley, Marvin D.  
Ph.D.  (Chemical)

Llewellyn, Janet G.  
M.S.  (Biological)

McDonald, William P.  
M.S.  (Geological)

Olivera, R. Martin  
M.S.  (Physical)

Redden, George D.  
M.S.  (Chemical)

Riedel, Gerhardt F.  
Ph.D.  (Biological)

Romea, Richard D.  
Ph.D.  (Physical)

Schultz, Karin L.  
M.S.  (Geophysics)

Tester, Patricia A.  
Ph.D.  (Biological)

von Breymann, Marta T.  
M.S.  (Chemical)

Weliky, Karen  
M.S.  (Geological)

Wilson, Stephanie L.  
M.S.  (Biological)

*Food habits, dietary overlap and gastric evacuation rates of rock-fishes (Genus Sebastes). 102 p.

On forced currents over a continental margin: theory and analysis. 140 p.

Developmental grazing capabilities of Pseudocalanus sp. and Acartia clausi (to adult). 166 p.

*Investigation of Pn wave propagation in Oregon. 97 p.

Seismic refraction survey of crustal and upper mantle structures in the West Philippine Basin. 122 p.

*An analysis of depot lipid of ocean-caught juvenile coho salmon and comparisons with a laboratory fasting study. 69 p.

*Biochemical genetics of geographically separated populations of wood boring isopods of the genus Limnoria (Flabellifera, Isopoda). 45 p.

*Zoogeography and systematics of cephalopods of the northeastern Pacific Ocean. 291 p.

*Primary biomass and production processes in the Columbia River Estuary. 166 p.

Studies on the marine chemistry of reduced trace gases. 179 p.

*Bathymetric zonation of nearshore mysids with emphasis on the beach-dwelling mysid Archaeomysis grebnitzkii. 53 p.

Influence of organic matter on the geotechnical properties and consolidation characteristics of northern Oregon continental slope sediments. 69 p.


On coastal trapped waves at low latitudes in a stratified ocean. 253 p.

*Paleomagnetism of Jurassic plutons in the central Klamath Mountains, southern Oregon and northern California. 153 p.

The effects of temperature acclimation of parental generations and incubation temperature on lability of egg hatching time in the copepod Acartia tonsa Dana. 53 p.

*Studies of hydroxylamine in the marine environment. 61 p.


*The life history of Corophium salmonis in the Columbia River Estuary. 66 p.

*Oregon related 101
Acuna, Enzo S.  
M.S. (Biological)

Bee, Michel  
Ph.D. (Geophysics)

Brunson, Burlie A.  
Ph.D. (Physical)

Ellis, Steven G.  
M.S. (Biological)

Federman, Alan N.  
Ph.D. (Geological)

Fischer, Kathleen M.  
Ph.D. (Geological)

Gadomski, Dena M.  
M.S. (Biological)

Garreton, Marta S.  
M.S. (Biological)

Gonzalez, Exequiel  
M.S. (Biological)

Howd, Peter A.  
M.S. (Geological)

Huppenen, JoAnne L.  
Ph.D. (Geophysics)

Jones, Kim K.  
M.S. (Biological)

Kalish, John M.  
M.S. (Biological)

Karlin, Robert  
Ph.D. (Geological)

McDonald, John H.  
M.S. (Biological)

Mundy, Bruce C.  
M.S. (Biological)

Peterson, Curt D.  
Ph.D. (Geological)

St. Martin, Joseph W.  
M.S. (Physical)

Wakefield, W. Waldo  
M.S. (Biological)

#Biology of the myctophid fish, *Diaphus theta* Eigenmann and Eigenmann 1980 off the Oregon coast. 57 p.

A comparison of seismic properties of young and mature oceanic crust. 183 p.

Shear wave attenuation in unconsolidated laboratory sediments. 242 p.

#Seasonal relationship between the digestive enzyme activity of laminarinase and ingestion rate of *Arcatia clausii*. 135 p.

Correlation and petrological interpretation of abyssal and terrestrial tephra layers. 241 p.

Particle fluxes in the eastern tropical Pacific Ocean - sources and processes. 225 p.


#Bioenergetics of yolk utilization in embryos and yolk sac larvae of the surfsmelt *Hypomesus pretiosus pretiosus* (Girard, 1855) under different incubation temperatures. 53 p.

#Tidal exchange of decapod larvae and small benthic peracarids between the ocean and the Salmon River estuary, Oregon. 102 p.

Beach foreshore response to long-period waves in the swash-zone. 88 p.

Analysis and interpretation of magnetic anomalies observed in North-Central California. 248 p.

#Annual secondary production and community dynamics of benthic infauna in a Columbia River estuary mudflat. 67 p.

#The biological and acoustical structure of sound scattering layers in the ocean off Oregon. 86 p.

Paleomagnetism, rock magnetism and diagenesis in hemipelagic sediments from the Northeast Pacific Ocean and the Gulf of California. 246 p.


#Yearly variation in the abundance and distribution of fish larvae in the coastal zone off Yaquina Head, Oregon from June 1969 to August 1972. 158 p.

#Sedimentation in small active-margin estuaries of the northwestern United States. 158 p.

Internal waves: towed observations in the western North Atlantic. 73 p.

#Feeding relationships within assemblages of nearshore and mid-continental shelf benthic fishes off Oregon. 102 p.
Carbonell, Maria C.  
M.S. ( Biological)  
Phytoplankton of an ice-edge bloom in the Ross Sea with special reference to the elemental composition of Antarctic diatoms. 133 p.

Chung, Alton W.  
M.S. ( Biological)  
*Relationships between oceanographic factors and distribution of juvenile coho salmon (Oncorhynchus kisutch) off Oregon and Washington. 116 p.

Emerick, Christina M.  
Ph.D. ( Geological)  
Age progressive volcanism in the Comores Archipelago and northern Madagascar. 228 p.

Fagerness, Vicki L.  
M.S. ( Biological)  
The spring bloom of the silicoflagellate Dictyocha speculum on the East Sound, Washington, with respect to certain environmental factors. 49 p.

Garrow, Holly C.  
M.S. ( Geological)  
*Shoreline rhythmcity on a natural beach. 170 p.

Hoffman, Sarah  
M.S. ( Geological)  
Alteration mineralogy and geochemistry of the Archean Onverwacht Group, Barberton Mountain Land, South Africa. 386 p.

Kemp, Paul F.  
Ph.D. ( Biological)  
*Life history, production, and food resources of the deposit-feeding Euzonus mucronata (Treadwell) on an Oregon coastal sand beach. 132 p.

Miller-Way, Christine A.  
M.S. ( Biological)  
The response of a marine meiofaunal assemblage to experimental manipulation of sediment microtopography. 98 p.

Murphy, Kim M.  
M.S. ( Geological)  
Transition metal and rare earth element fluxes at two sites in the eastern tropical Pacific: relationship to ferromanganese nodule genesis. 120 p.

Nishimoto, Robert N.  
M.S. ( Biological)  
*Time series analyses of daily albacore catches and upwelling indices off Oregon and California. 70 p.

Pelegri, Jose L.  
M.S. ( Physical)  
The role of inertial oscillations in the dynamics of coastal upwelling. 84 p.

Solano-Borrego, Ariel E.  
Ph.D. ( Geophysics)  
*Crustal structure and seismicity of the Gorda Ridge. 185 p.

Thornburg, Todd M.  
PhD. ( Geological)  
Sedimentation in the Chile Trench. 182 p.

Verplanck, Emily  
M.S. ( Geological)  
*Temporal variations in volume and geochemistry of volcanism in the western Cascades, Oregon. 115 p.
<table>
<thead>
<tr>
<th>Author</th>
<th>Year</th>
<th>Author</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anderson</td>
<td>1982</td>
<td>Ishida</td>
<td>1980</td>
</tr>
<tr>
<td>Andreas</td>
<td>1978</td>
<td>Jefferts</td>
<td>1983</td>
</tr>
<tr>
<td>Areva</td>
<td>1981</td>
<td>Jennings</td>
<td>1981</td>
</tr>
<tr>
<td>Baba</td>
<td>1981</td>
<td>Johnson, J.K.</td>
<td>1981</td>
</tr>
<tr>
<td>Badan Dangon</td>
<td>1981</td>
<td>Johnson, K.S.</td>
<td>1979</td>
</tr>
<tr>
<td>Batchelder</td>
<td>1980</td>
<td>Johnson, V.G.</td>
<td>1979</td>
</tr>
<tr>
<td>Baumann</td>
<td>1979</td>
<td>Jones, K.</td>
<td>1984</td>
</tr>
<tr>
<td>Bee</td>
<td>1979, 1984</td>
<td>Jones, P.R.</td>
<td>1979</td>
</tr>
<tr>
<td>Bilyard</td>
<td>1980</td>
<td>Kalish</td>
<td>1984</td>
</tr>
<tr>
<td>Boler</td>
<td>1979</td>
<td>Karlin</td>
<td>1979, 1984</td>
</tr>
<tr>
<td>Borgerson</td>
<td>1978</td>
<td>Kefler</td>
<td>1981</td>
</tr>
<tr>
<td>Branan</td>
<td>1981</td>
<td>Kemp</td>
<td>1979, 1985</td>
</tr>
<tr>
<td>Broeno-Guarupe</td>
<td>1979</td>
<td>Kern</td>
<td>1982</td>
</tr>
<tr>
<td>Broeaur</td>
<td>1983</td>
<td>Keaer</td>
<td>1979</td>
</tr>
<tr>
<td>Broome</td>
<td>1979</td>
<td>Kitchen</td>
<td>1978</td>
</tr>
<tr>
<td>Brown</td>
<td>1981</td>
<td>Koblimsky</td>
<td>1979</td>
</tr>
<tr>
<td>Brubaker</td>
<td>1980</td>
<td>Krisek</td>
<td>1982</td>
</tr>
<tr>
<td>Brunson</td>
<td>1984</td>
<td>Lara-Lara</td>
<td>1979, 1983</td>
</tr>
<tr>
<td>Bush</td>
<td>1981</td>
<td>Lilley</td>
<td>1983</td>
</tr>
<tr>
<td>Calderon-Riveroll</td>
<td>1979</td>
<td>Llewellyn</td>
<td>1983</td>
</tr>
<tr>
<td>Carbonell</td>
<td>1985</td>
<td>Lopez</td>
<td>1978</td>
</tr>
<tr>
<td>Carlson</td>
<td>1982</td>
<td>Loubere</td>
<td>1981</td>
</tr>
<tr>
<td>Chris</td>
<td>1982</td>
<td>Luna-Hdez</td>
<td>1980</td>
</tr>
<tr>
<td>Chung</td>
<td>1985</td>
<td>Lyle</td>
<td>1979</td>
</tr>
<tr>
<td>Cohen</td>
<td>1978</td>
<td>Martell</td>
<td>1978</td>
</tr>
<tr>
<td>Connard</td>
<td>1980</td>
<td>Matherne</td>
<td>1982</td>
</tr>
<tr>
<td>Cook</td>
<td>1981</td>
<td>McDonald, J.</td>
<td>1984</td>
</tr>
<tr>
<td>Coperude</td>
<td>1978</td>
<td>McDonald, W.</td>
<td>1983</td>
</tr>
<tr>
<td>Dahm</td>
<td>1980</td>
<td>McLain</td>
<td>1982</td>
</tr>
<tr>
<td>Davis</td>
<td>1979</td>
<td>Medina</td>
<td>1979</td>
</tr>
<tr>
<td>de Angelis</td>
<td>1980</td>
<td>Milian Nunez</td>
<td>1981</td>
</tr>
<tr>
<td>DeManche</td>
<td>1980</td>
<td>Miller</td>
<td>1978</td>
</tr>
<tr>
<td>Denbo</td>
<td>1983</td>
<td>Miller-Way</td>
<td>1985</td>
</tr>
<tr>
<td>Devries</td>
<td>1980</td>
<td>Molina-Cruz</td>
<td>1978</td>
</tr>
<tr>
<td>D'Witt</td>
<td>1982</td>
<td>Moser</td>
<td>1980</td>
</tr>
<tr>
<td>Dexter</td>
<td>1978, 1983</td>
<td>Mundy</td>
<td>1984</td>
</tr>
<tr>
<td>Donaghay</td>
<td>1980</td>
<td>Murillo</td>
<td>1981</td>
</tr>
<tr>
<td>Donegan</td>
<td>1982</td>
<td>Murphy</td>
<td>1985</td>
</tr>
<tr>
<td>Drake</td>
<td>1981</td>
<td>Murray</td>
<td>1982</td>
</tr>
<tr>
<td>Ellis</td>
<td>1984</td>
<td>Ness</td>
<td>1982</td>
</tr>
<tr>
<td>Emerick</td>
<td>1985</td>
<td>Newberger</td>
<td>1981</td>
</tr>
<tr>
<td>Fagerness</td>
<td>1985</td>
<td>Nielsen</td>
<td>1982</td>
</tr>
<tr>
<td>Federman</td>
<td>1984</td>
<td>Nishikawa</td>
<td>1978</td>
</tr>
<tr>
<td>Fischer</td>
<td>1984</td>
<td>Nishimoto</td>
<td>1985</td>
</tr>
<tr>
<td>Fisher</td>
<td>1980</td>
<td>Nunez Dupre</td>
<td>1979</td>
</tr>
<tr>
<td>Flegal</td>
<td>1979</td>
<td>Olivera</td>
<td>1983</td>
</tr>
<tr>
<td>Fok-Pun</td>
<td>1982</td>
<td>Olson</td>
<td>1982</td>
</tr>
<tr>
<td>Fonseca</td>
<td>1982</td>
<td>Osmer</td>
<td>1978</td>
</tr>
<tr>
<td>Gabriel</td>
<td>1979</td>
<td>Pelegri</td>
<td>1985</td>
</tr>
<tr>
<td>Gadomski</td>
<td>1984</td>
<td>Peterson, C.</td>
<td>1984</td>
</tr>
<tr>
<td>Gallacher</td>
<td>1978</td>
<td>Peterson, R.</td>
<td>1978</td>
</tr>
<tr>
<td>Gamoe</td>
<td>1983</td>
<td>Peterson, W.</td>
<td>1980</td>
</tr>
<tr>
<td>Garretson</td>
<td>1984</td>
<td>Pitts</td>
<td>1979</td>
</tr>
<tr>
<td>Garrow</td>
<td>1985</td>
<td>Plath</td>
<td>1979</td>
</tr>
<tr>
<td>Glick</td>
<td>1981</td>
<td>Plamman</td>
<td>1978</td>
</tr>
<tr>
<td>Gonzales</td>
<td>1984</td>
<td>Powell</td>
<td>1980</td>
</tr>
<tr>
<td>Goodman</td>
<td>1983</td>
<td>Ratti</td>
<td>1978</td>
</tr>
<tr>
<td>Guin</td>
<td>1978</td>
<td>Redden</td>
<td>1983</td>
</tr>
<tr>
<td>Gushee</td>
<td>1983</td>
<td>Reed</td>
<td>1978</td>
</tr>
<tr>
<td>Hamman</td>
<td>1982</td>
<td>Reimers</td>
<td>1979, 1982</td>
</tr>
<tr>
<td>Hanson</td>
<td>1978</td>
<td>Roffe</td>
<td>1981</td>
</tr>
<tr>
<td>Henderson</td>
<td>1983</td>
<td>Romea</td>
<td>1983</td>
</tr>
<tr>
<td>Hewitt</td>
<td>1980</td>
<td>Rosenberg</td>
<td>1981</td>
</tr>
<tr>
<td>Hoffman</td>
<td>1985</td>
<td>Sanchez Zamora</td>
<td>1981</td>
</tr>
<tr>
<td>Hogue</td>
<td>1982</td>
<td>Scheutte</td>
<td>1980</td>
</tr>
<tr>
<td>Howd</td>
<td>1984</td>
<td>Schultz</td>
<td>1983</td>
</tr>
<tr>
<td>Huppenen</td>
<td>1984</td>
<td>Selk</td>
<td>1978</td>
</tr>
<tr>
<td>Sepuveda-Vidal</td>
<td>1978</td>
<td>Shyu</td>
<td>1979</td>
</tr>
<tr>
<td>Silva-Sandoval</td>
<td>1978</td>
<td>Simmons</td>
<td>1979</td>
</tr>
<tr>
<td>Spinning</td>
<td>1979</td>
<td>Spooning</td>
<td>1979, 1982</td>
</tr>
<tr>
<td>Spillane</td>
<td>1981</td>
<td>St. Martin</td>
<td>1984</td>
</tr>
<tr>
<td>Stakes</td>
<td>1979</td>
<td>Strehlow</td>
<td>1982</td>
</tr>
<tr>
<td>Teater</td>
<td>1983</td>
<td>Tester</td>
<td>1978</td>
</tr>
<tr>
<td>Veen</td>
<td>1982</td>
<td>Tor</td>
<td>1988</td>
</tr>
<tr>
<td>Verplanck</td>
<td>1985</td>
<td>von Breymann</td>
<td>1983</td>
</tr>
<tr>
<td>Wakefield</td>
<td>1984</td>
<td>Wakeham</td>
<td>1978</td>
</tr>
<tr>
<td>Wakeham</td>
<td>1978</td>
<td>Weliky</td>
<td>1983</td>
</tr>
<tr>
<td>Willis</td>
<td>1980</td>
<td>Wilson</td>
<td>1983</td>
</tr>
<tr>
<td>Wrolstad</td>
<td>1979</td>
<td>Wrolstad</td>
<td>1979</td>
</tr>
<tr>
<td>Yao</td>
<td>1978</td>
<td>Zhang</td>
<td>1983</td>
</tr>
<tr>
<td>Zhang</td>
<td>1983</td>
<td>Zhao</td>
<td>1984</td>
</tr>
</tbody>
</table>
MAJOR PROFESSORS AND THEIR DEGREE STUDENTS IN OCEANOGRAPHY 1978-1985
[non-Thesis degree students not included]

**BIOLOGICAL**

<table>
<thead>
<tr>
<th>Professor</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEASLEY, THOMAS M.</td>
<td>Nielsen</td>
</tr>
<tr>
<td></td>
<td>1982</td>
</tr>
<tr>
<td>BOEHLERT, GEORGE C.</td>
<td>Gadomski</td>
</tr>
<tr>
<td></td>
<td>1984</td>
</tr>
<tr>
<td></td>
<td>Garreton</td>
</tr>
<tr>
<td></td>
<td>1984</td>
</tr>
<tr>
<td>CAREY, ANDREW G., JR.</td>
<td>Bilyard</td>
</tr>
<tr>
<td></td>
<td>1980</td>
</tr>
<tr>
<td></td>
<td>Hogue</td>
</tr>
<tr>
<td></td>
<td>1982</td>
</tr>
<tr>
<td></td>
<td>Kern</td>
</tr>
<tr>
<td></td>
<td>1982</td>
</tr>
<tr>
<td>CURL, HERBERT C.</td>
<td>DeManche</td>
</tr>
<tr>
<td></td>
<td>1980</td>
</tr>
<tr>
<td>CUTSHALL, NORMAN H.</td>
<td>Riedel</td>
</tr>
<tr>
<td></td>
<td>1978</td>
</tr>
<tr>
<td></td>
<td>Nishikawa</td>
</tr>
<tr>
<td></td>
<td>1978</td>
</tr>
<tr>
<td></td>
<td>Johnson, V.G.</td>
</tr>
<tr>
<td></td>
<td>1979</td>
</tr>
<tr>
<td>FROLANDER, HERBERT F.</td>
<td>Dexter</td>
</tr>
<tr>
<td></td>
<td>1978</td>
</tr>
<tr>
<td></td>
<td>Carlson</td>
</tr>
<tr>
<td></td>
<td>1982</td>
</tr>
<tr>
<td></td>
<td>Wakefield</td>
</tr>
<tr>
<td></td>
<td>1984</td>
</tr>
<tr>
<td>GONOR, JEFFERSON J.</td>
<td>Nunez</td>
</tr>
<tr>
<td></td>
<td>1979</td>
</tr>
<tr>
<td></td>
<td>Kemp</td>
</tr>
<tr>
<td></td>
<td>1979</td>
</tr>
<tr>
<td></td>
<td>Batchelder</td>
</tr>
<tr>
<td></td>
<td>1980</td>
</tr>
<tr>
<td></td>
<td>Johnson, G.E.</td>
</tr>
<tr>
<td></td>
<td>1981</td>
</tr>
<tr>
<td></td>
<td>Strehlow</td>
</tr>
<tr>
<td></td>
<td>1982</td>
</tr>
<tr>
<td></td>
<td>Tester</td>
</tr>
<tr>
<td></td>
<td>1983</td>
</tr>
<tr>
<td></td>
<td>Henderson</td>
</tr>
<tr>
<td></td>
<td>1983</td>
</tr>
<tr>
<td></td>
<td>Gonzales</td>
</tr>
<tr>
<td></td>
<td>1984</td>
</tr>
<tr>
<td></td>
<td>McDonald</td>
</tr>
<tr>
<td></td>
<td>1984</td>
</tr>
<tr>
<td></td>
<td>Kemp</td>
</tr>
<tr>
<td></td>
<td>1985</td>
</tr>
<tr>
<td>HOLTON, ROBERT R.</td>
<td>Guin</td>
</tr>
<tr>
<td></td>
<td>1978</td>
</tr>
<tr>
<td></td>
<td>Simmons</td>
</tr>
<tr>
<td></td>
<td>1979</td>
</tr>
<tr>
<td></td>
<td>Davis</td>
</tr>
<tr>
<td></td>
<td>1979</td>
</tr>
<tr>
<td></td>
<td>Flegal</td>
</tr>
<tr>
<td></td>
<td>1979</td>
</tr>
<tr>
<td></td>
<td>Hammann</td>
</tr>
<tr>
<td></td>
<td>1982</td>
</tr>
<tr>
<td></td>
<td>Llewellyn</td>
</tr>
<tr>
<td></td>
<td>1983</td>
</tr>
<tr>
<td></td>
<td>Wilson</td>
</tr>
<tr>
<td></td>
<td>1983</td>
</tr>
<tr>
<td></td>
<td>Jones, K.</td>
</tr>
<tr>
<td></td>
<td>1984</td>
</tr>
<tr>
<td>MATE, BRUCE R.</td>
<td>Roffe</td>
</tr>
<tr>
<td></td>
<td>1981</td>
</tr>
<tr>
<td></td>
<td>Brown</td>
</tr>
<tr>
<td></td>
<td>1981</td>
</tr>
</tbody>
</table>

**CHEMICAL**

<table>
<thead>
<tr>
<th>Professor</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>GORDON, LOUIS I.</td>
<td>Silva-Sandoval</td>
</tr>
<tr>
<td></td>
<td>1978</td>
</tr>
<tr>
<td></td>
<td>Borgerson</td>
</tr>
<tr>
<td></td>
<td>1978</td>
</tr>
<tr>
<td></td>
<td>Cohen</td>
</tr>
<tr>
<td></td>
<td>1978</td>
</tr>
<tr>
<td></td>
<td>Acuna</td>
</tr>
<tr>
<td></td>
<td>1980</td>
</tr>
<tr>
<td></td>
<td>de Angelis</td>
</tr>
<tr>
<td></td>
<td>1980</td>
</tr>
<tr>
<td></td>
<td>Jennings</td>
</tr>
<tr>
<td></td>
<td>1981</td>
</tr>
<tr>
<td></td>
<td>von Breymann</td>
</tr>
<tr>
<td></td>
<td>1983</td>
</tr>
<tr>
<td></td>
<td>Redden</td>
</tr>
<tr>
<td></td>
<td>1983</td>
</tr>
<tr>
<td></td>
<td>Lilley</td>
</tr>
<tr>
<td></td>
<td>1983</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Professor</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chen, Chen-Tung (Arthur)</td>
</tr>
<tr>
<td></td>
<td>Olson</td>
</tr>
<tr>
<td></td>
<td>1982</td>
</tr>
<tr>
<td></td>
<td>Park, P.K.</td>
</tr>
<tr>
<td></td>
<td>Dahn</td>
</tr>
<tr>
<td></td>
<td>1980</td>
</tr>
<tr>
<td></td>
<td>Pytkowicz, Ricardo M.</td>
</tr>
<tr>
<td></td>
<td>Johnson, K.S.</td>
</tr>
<tr>
<td></td>
<td>1979</td>
</tr>
<tr>
<td></td>
<td>Plath</td>
</tr>
<tr>
<td></td>
<td>1979</td>
</tr>
</tbody>
</table>
GEOLOGICAL

CROLLIS, JOHN B.
Wakeham 1978
Lopez 1978
Stakes 1979
Lyle 1979
Moser 1980

DUNCAN, ROBERT A.
Emerick 1985
Hoffman 1985
Verplanck 1985

DYMOND, JACK R.
Selk 1978
Lyle 1979
Fischer 1984
Murphy 1985

HOLMAN, ROB
Haw 1984
Garrow 1985

KELLER, GEORGE H.
Busch 1981
McDonald 1983

KOMAR, PAUL D.
Miller 1978
Broom 1979
Reimers 1979
Baba 1981
Drake 1981
Fok-Pun 1982

KULM, LAVERNE D.
Peterson 1978
Karlin 1979
Ibach, L. 1980
Ibach, D. 1981
Thornburg 1981
Spinrad 1982
Thornburg 1985

SCHEIDEGGER, KENNETH F.
Krissek 1982
Federman 1984
Peterson 1984

SCHRADER, HANS
Schuette 1980
Loubereee 1981
Donegan 1982
Murray 1982
Spinrad 1982
Matherne 1982

SUESS, ERWIN
Selk 1978
Ibach, L. 1980
Powell 1980
Reimers 1982
Weliky 1983
Hoffman 1985

THEIDE, JOHN
Molina-Cruz 1978

GEOPHYSICS

BIBEE, L. DALE
Cook 1981
Solano-Borrego 1982
Goodman 1983
Bee 1984
Solano-Borrego 1985

BODVARSSON, GUNNAR
Hanson 1978
Shyu 1979
Axelson 1981
Avers 1981
Ness 1982

COUCH, RICHARD W.
Coperude 1978
Plawman 1978
Calderon-Riveroll 1979
Boier 1979
Brienoeno-Guarupe 1979
Pitta 1979
Connard 1980
Braman 1981
Sanchez-Zamora 1981
Veen 1982
McLain 1982
Huppenen 1984

FEHLER, MICHAEL C.
Cano 1983

JOHNSON, STEPHEN H.
Thrasher 1978
Wrolstad 1979
Keer 1979
Jones 1979
Bee 1979

LEVI, SHAUL
Schultz 1983
Karlin 1984
<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALLEN, JOHN S.</td>
<td></td>
</tr>
<tr>
<td>Yao</td>
<td>1978</td>
</tr>
<tr>
<td>Martell</td>
<td>1978</td>
</tr>
<tr>
<td>Romea</td>
<td>1983</td>
</tr>
<tr>
<td>Denbo</td>
<td>1983</td>
</tr>
<tr>
<td>BURT, WAYNE V.</td>
<td></td>
</tr>
<tr>
<td>Hansen</td>
<td>1978</td>
</tr>
<tr>
<td>CALDWELL, DOUGLAS R.</td>
<td></td>
</tr>
<tr>
<td>Newberger</td>
<td>1981</td>
</tr>
<tr>
<td>Chriss</td>
<td>1982</td>
</tr>
<tr>
<td>DILLON, THOMAS M.</td>
<td></td>
</tr>
<tr>
<td>Brubaker</td>
<td>1980</td>
</tr>
<tr>
<td>HUYER, ADRIANA</td>
<td></td>
</tr>
<tr>
<td>Osmer</td>
<td>1978</td>
</tr>
<tr>
<td>Medina</td>
<td>1979</td>
</tr>
<tr>
<td>Anderson</td>
<td>1982</td>
</tr>
<tr>
<td>Olivera</td>
<td>1983</td>
</tr>
<tr>
<td>JOHNSON, R. K.</td>
<td></td>
</tr>
<tr>
<td>Brunson</td>
<td>1984</td>
</tr>
<tr>
<td>NEAL, VICTOR T.</td>
<td></td>
</tr>
<tr>
<td>Luna-Hdez</td>
<td>1980</td>
</tr>
<tr>
<td>NESHYBA, STEVE</td>
<td></td>
</tr>
<tr>
<td>Silva-Sandoval</td>
<td>1978</td>
</tr>
<tr>
<td>Murillo</td>
<td>1981</td>
</tr>
<tr>
<td>NIILER, P. PETER</td>
<td></td>
</tr>
<tr>
<td>Gallacher</td>
<td>1978</td>
</tr>
<tr>
<td>Koblinsky</td>
<td>1979</td>
</tr>
<tr>
<td>Spillane</td>
<td>1981</td>
</tr>
<tr>
<td>Keffer</td>
<td>1981</td>
</tr>
<tr>
<td>Stabeno</td>
<td>1982</td>
</tr>
<tr>
<td>PAULSON, CLAYTON A.</td>
<td></td>
</tr>
<tr>
<td>Andreas</td>
<td>1978</td>
</tr>
<tr>
<td>Baumann</td>
<td>1979</td>
</tr>
<tr>
<td>Spoering</td>
<td>1979</td>
</tr>
<tr>
<td>Ishida</td>
<td>1980</td>
</tr>
<tr>
<td>deWitt</td>
<td>1982</td>
</tr>
<tr>
<td>St. Martin</td>
<td>1984</td>
</tr>
<tr>
<td>RICHMAN, JAMES</td>
<td></td>
</tr>
<tr>
<td>Pelegri</td>
<td>1985</td>
</tr>
<tr>
<td>SMITH, ROBERT L.</td>
<td></td>
</tr>
<tr>
<td>Badan-Dangon</td>
<td>1981</td>
</tr>
<tr>
<td>Fonseca</td>
<td>1982</td>
</tr>
<tr>
<td>Romea</td>
<td>1983</td>
</tr>
<tr>
<td>ZANEVELD, J. RONALD V.</td>
<td></td>
</tr>
<tr>
<td>Kitchen</td>
<td>1978</td>
</tr>
<tr>
<td>Spinrad</td>
<td>1978</td>
</tr>
<tr>
<td>Spinrad</td>
<td>1982</td>
</tr>
</tbody>
</table>