

**Scripps Institution of Oceanography Archives
Processing Record**

Menard, Henry William 1920-1986

Henry William Menard Papers, 1938-1986

Physical Description: 84 mss, 1 oversize box slides

Arrangement: With the exception of the Correspondence files, the original arrangement of the Menard Papers has not been disturbed much over the years, and the original record series were discernable. The Correspondence files were probably rearranged by Menard while he was writing *Ocean of Truth* (1986). The Menard Papers consist of the following series: Biographical, Calendars, Correspondence, Organizations, University of California, United States Geological Survey, Subject Files, Student Files and Laboratory Notes, Research Files, Writings, Slides, and Negatives.

Description: The Henry William Menard Papers provide rich documentation of Menard's professional career, and include excellent documentation of his work as an author and as director, United States Geological Survey (1978-1981). The collection includes materials from 1938-1986, with the bulk of the materials dating from 1960-1986. The papers are largely comprised of correspondence, drafts of Menard's books, reports, research and data files, teaching materials, and visual aids. When oversize materials were separated, they were replaced with a separation sheet identifying the separated material and its present location. Oversize materials were separated to box 79 or to the oversize drawers in the SIO Archives.

Series Description:

BIOGRAPHICAL, 1938-1986 [1.75 boxes]: The BIOGRAPHICAL series includes awards, bio-bibliographical materials, certificates, and personal photographs and records, arranged alphabetically. The Achievements folder contains personal reflections handwritten by Menard. Additional notes and diaries of a personal nature are found within other series, such as RESEARCH FILES and UNITED STATES GEOLOGICAL SURVEY.

CALENDARS, 1965-1986 [0.5 box]: The CALENDARS series contains appointment books for the years 1965-1972 and 1974-1985, arranged chronologically. Menard's appointment calendars while director, USGS (1978-1981) are found within the UNITED STATES GEOLOGICAL SURVEY series.

CORRESPONDENCE, 1945-1985 [4.75 boxes]: The CORRESPONDENCE series consists of general correspondence, mostly professional, arranged chronologically. It is likely that Menard originally maintained his correspondence files in alphabetical order, and then rearranged some materials in chronological order while preparing *Ocean of Truth* (1986). As a consequence, correspondence specific to plate tectonics is found within the *Ocean of Truth* subseries of the WRITINGS series. Additional correspondence related to Menard's manuscripts may be found throughout the WRITINGS series. The CORRESPONDENCE series contains communications between Menard and his graduate advisor Henry Stetson; his colleagues such as Edward Bullard, Robert Dietz, K.O. Emery, Maurice Ewing, Edwin Hamilton, Xavier Le Pichon, Frank Press, Manik Talwani and John Worzel; his students: Tanya Atwater, Roger Larson, and Marcia McNutt; as well as his British and Russian colleagues. The CORRESPONDENCE files reveal Menard's many personal and professional interests such as glaciation and the ice age phenomena, sedimentology, geophysics, the sociology of geology, and the history of science. Also, Menard describes the role of politics in his USGS appointment and resignation (see Box 2, undated correspondence), and mentions his Innovative Teaching Project in Marine

Geology (Box 4). Apparently, this successful project led students through an "expedition," in an attempt to find a more effective and personal approach to teaching in the future. Menard also advocated the necessity for computers in university teaching programs.

ORGANIZATIONS, 1954-1986 [10 boxes]: The ORGANIZATIONS series, arranged alphabetically, is comprised of files pertaining to Menard's affiliation with and service to various private and public organizations at the national and international level. The files contain correspondence, memos, news clippings, proposals, and reports, related to conferences, studies, meetings, and memberships. Materials related to the meetings of these organizations may also be found in the USGS series. The National Science Foundation (NSF) files contain data and proposals for Menard's grant-funded research. The National Academy of Science (NAS) documents Menard's involvement with the Academy, dating from his membership in 1968, and including his subsequent environmental studies sessions. Menard's service to the NAS included the Commission on Natural Resources and the Board on Ocean Science and Policy. Materials in the NAS subseries--such as committee reports, critiques and reviews--also document Menard's Summer 1969 Study on The Everglades, the 1970 Jamaica Bay Environmental Study Group, New York, and the 1973 Council on Environmental Quality Critique.

UNIVERSITY OF CALIFORNIA, 1961-1985 [4 boxes]: The UNIVERSITY OF CALIFORNIA series contains files generated while Menard lived in La Jolla and served on the faculty of the SIO. The series includes University of California and SIO administrative files (but do not include his files while acting director, Institute of Marine Resources, 1967-1968), correspondence, committee records, teaching and course materials, and files concerning SIO expeditions and marine operations. These files are arranged alphabetically. The Teaching, [SIO Courses] subseries includes excellent documentation of Menard's syllabi, lecture notes, and readings for courses he taught between 1974 and 1984.

UNITED STATES GEOLOGICAL SURVEY, 1977-1981 [10 boxes]: The UNITED STATES GEOLOGICAL SURVEY series includes files Menard maintained while director, USGS (1978-1981). The USGS series, comprised of agendas, appointment books, correspondence, news clippings, reports, and travel and talk information, is arranged in alphabetical order. The Appointment subseries is comprised of appointment and confirmation materials, and also includes an "Oral History Interview," (1981, Box 22) in which Harold Burstyn, Historian, USGS, talks with Menard about his career. The files within the Scientific Talks and Trips While Director subseries largely document Menard's travel and speaking engagements. They include extensive information on Menard's 1979 trip to South America, and his 1980 trips to Africa and China, which he undertook with Presidential Science Advisor, Frank Press. The "Tenth Director" (c.1978, Box 78) is a unique look at Menard's personal feelings and experiences while director. These handwritten notes are mostly dated between February 1978 and January 1979, and include "undated" entries as well. Menard recounts the events which led to his nomination, including the fact that he originally turned down the offer of directorship. Menard's writings reveal his inner turmoil while making decisions as director. Menard describes his need to remain neutral, in science and in politics, so that he would not bow to recurrent political or professional pressures. Menard discusses at length the details of his decision to fire the associate director. The final pages of the "Tenth Director" are reflections of the Vietnam years and Menard's subsequent change in attitude toward national policy.

SUBJECT FILES, 1945-1985 [3 boxes]: The SUBJECT FILES series includes subject folders arranged alphabetically. The subseries on Frankel contains three papers written by science philosopher Henry Frankel. "Frankel on Menard" contains Frankel's paper entitled "The Development of H.W. Menard's Various Hypotheses Concerning Seafloor Evolution," as well as the questions which Frankel posed to Menard. The World War II Photos and World War II Records subseries pertain to Menard's 1945 missions with the U.S. Navy as a photo interpreter and air intelligence officer in the South Pacific.

STUDENT NOTES & LABORATORY NOTEBOOKS, 1941-1949 [2 boxes]: The STUDENT NOTES & LABORATORY NOTEBOOKS series includes essays, examinations, laboratory notes, and papers, while Menard was a graduate student at the California Institute of Technology (1946) and Harvard University (1947-

1949). These graduate course files, arranged chronologically, occasionally incorporate undergraduate notes on the same or relevant subjects.

RESEARCH FILES, undated and 1952-1985 [7 boxes]: The **RESEARCH FILES** series comprises materials used in the preparation of Menard's scientific lectures, papers, and books. The folders, arranged alphabetically, include correspondence, reports, articles, data, and notes. It is likely that Menard maintained these files as reference materials--perhaps over the course of several papers. Background materials of a similar nature, but which directly correspond to a manuscript, are found within the **WRITINGS** series. Extensive material is available documenting Manganese Nodules, Oil Exploration and Drilling, and the Santa Barbara Oil Spill, including data and photographs. This series also includes more introspective files concerning Menard's Notes, Research Ideas, and Research Problems.

WRITINGS, 1947-1986 [36 boxes]: The **WRITINGS** series includes published and unpublished manuscripts and scientific papers, arranged by date. The files contain correspondence, illustrations, data, maps, notes, and photographs which document the preparation of Menard's writings. A number within brackets was added to the manuscript title when it corresponded to Menard's numbered bibliography (Box 42, Folder 6). Extensive documentation exists for Menard's six books. The subseries Marine Geology of the Pacific, consists primarily of drafts. *The Anatomy of an Expedition* (1969) subseries is largely comprised of materials relating to the 1967 SIO Nova Expedition. Principles of Marine Geology, written around 1970, consists of working and master drafts for a textbook which Menard never published. The folders on Science, Growth and Change (1971) contain two earlier versions separately entitled "Growth Rates and Science," and "Seesaw of Science." Menard's last two books, *Islands* (1986) and *Ocean of Truth* (1986), were published posthumously. It was with the editorial help of Menard's son, Andrew, that the dedication and final galleys of *Ocean of Truth* were completed. In addition to the **CORRESPONDENCE** series, much of Menard's correspondence with his colleagues is found within the *Ocean of Truth* (1986) folders. Arranged alphabetically by Menard, these correspondence files contain reminiscences and personal accounts of the history of the plate tectonic revolution. Apparently, Menard culled the earlier correspondence from within his own correspondence files and generated the 1980s correspondence through his request for a biography, a bibliography, a photo, a particular recollection, and important letters from any of the following: Edward Bullard, Maurice Ewing, Bruce Heezen, and Harry Hess. Consequently, these files contain biographies and correspondences from his science colleagues such as Tanya Atwater, Edward Bullard, Clem Chase, Allan Cox, Robert Dietz, Maurice Ewing, Bruce Heezen, Roger Larson, and Tuzo Wilson. Of these correspondence files, the Heezen folders are particularly extensive. They contain chronicles of Bruce Heezen's career, analyses by Menard, and transcripts of Heezen's interview pertaining to VEMA cruises and ocean research funding. Included in the file are nine transcripts of five tapes by Heezen, and one transcript of a tape by John (Joe) Worzel, sent to Menard by Marie Tharp. In a letter to Menard, Tharp mentions that the interviews with Heezen were conducted by herself and John Lear. They were intended for a book which was to be published about Heezen, especially his conflicts with colleagues. The file also contains Heezen's scribbled notes concerning his relations with Hess, an addendum by Heezen entitled "Submarine Geology and The Displacement of Continents," and Tharp's correspondence with Henry Frankel.

SLIDES, undated, 1972, 1980: The **SLIDES** series contains Menard's collection of slides on plate tectonics and continental drift, volcanology, and other topics.

LANTERN SLIDES AND NEGATIVES, undated [6 boxes]: The **LANTERN SLIDES** and **NEGATIVES** series is comprised mostly of lantern slides and negatives which Menard used in the publication of his writings. The **NEGATIVES** series is arranged in chronological order.

Restrictions: The following letters for merit review have been restricted for 50 years from their date of creation:

G. Arrhenius, December 13, 1967, Review of Stuart M. Smith

G. Arrhenius, April 24, 1968, Review of Andre Rosfelder

H.W. Menard, December 12, 1969, Review of Jacqueline M. Winterer

H.W. Menard, February 4, 1970, Review of Terry Edgar
H.W. Menard, March 5, 1970, Review of Bruce Luyendyk
H.W. Menard, December 9, 1971, Review of Pat Wilde
H.W. Menard, November 30, 1976, Review of David Moore
H.W. Menard, et al., March 9, 1983, Review of P.F. Lonsdale.

Related Collections: An unprocessed collection of Menard's papers from his office as director of the USGS are at the National Archives.

Provenance: The Henry William Menard Papers (Accession No. 82-53) were donated to the Archives of the Scripps Institution of Oceanography in four accessions between 1982 and 1990. The first three accessions were transferred from Menard's office at Ritter Hall. The last accession was transferred from the Menard home in La Jolla. A separate accession, 86-11, consisted of an audio cassette tape and transcripts taken during the H. William Menard Memorial Service on February 27, 1986.

Henry William Menard Papers, 1938-1986

Scripps Institution of Oceanography Archives
Accession No. 82-53

Folder List

BIOGRAPHICAL

Achievements

[Box 1]
[Folder 1]
1977-1978

[Folder 2]
1981-1982

Awards and Certificates

[Folder 3]
[1942-1980]

[Folder 4]
American Geological Institute Certificate of Appreciation, November, 15, 1973

[Folder 5]
Shepard Medal, 1976-1977

[Folder 6]
Bowie Medal, 1985-1986

[Folder 7]
Bio-bibliography of Dr. Menard, [1968-1976]

[Folder 8]
Christmas cards, 1967-1969

[Folder 9]
Personal Records, 1951-1969

Personnel Records

[Folder 10]
Pre-WWII, 1938

[Folder 11]
**Post-WWII through NEL [Navy Electronics Laboratory] Personnel Records, CIT
[California Institute of Technology] Business, 1942-1949**

[Folder 12]
Military Orders, 1946-1950

[Folder 13]
1947-1948

[Folder 14]
1949-1950

[Folder 15]
1951-1953

[Folder 16]
1954-1956

[Folder 17]
SIO, 1955-1977

Photographs

[Box 2]
[Folder 1]
n.d.

[Folder 2]
Dr. Menard's, [1946, 1977-1979]

[Folder 3]
Who's who, [1970-1981]

CALENDARS

[Box 2]
[Folder 4]
[Calendars, 1965-1972]

[Folder 5]
[1974]

[Folder 6]
[1975]

[Folder 7]
[1976]

[Folder 8]
[1977]

[Folder 9]
[1978]

[Folder 10]
[1979]

[Folder 11]
[1980]

[Folder 12]
[1981]

[Folder 13]
[1982]

[Folder 14]
[1983]

[Folder 15]
[1984]

[Folder 16]
[1986]

CORRESPONDENCE

[Box 2]

[Folder 17]

Correspondence, n.d

[Folder 18]

[1945-1947, Gifford Merrill]

[Folder 19]

1949

[Folder 20]

1950

[Folder 21]

1951

[Folder 22]

1952

[Folder 23]

1953

[Folder 24]

1954

[Folder 25]

1955

[Folder 26]
1958-1960, Mining, Correspondence, Letters of Inquiry

[Box 3]
[Folder 1]
1958

[Folder 2]
1959

[Folder 3]
1960

[Folder 4]
1961

[Folder 5]
1962

[Folder 6]
1963

[Folder 7]
1964

[Folder 8]
1965

[Folder 9]
1966

[Folder 10]
1967

[Folder 11]
1968, January-June

[Folder 12]
1968, July-September

[Folder 13]
1968, October-December

[Folder 14]
1969, January

[Folder 15]
1969, February

[Folder 16]
1969, March

[Folder 17]
1969, April

[Folder 18]
1969, May

[Folder 19]
1969, June

[Box 4]
[Folder 1]
1969, July-August

[Folder 2]
1969, September-October

[Folder 3]
1969, November-December

[Folder 4]
1970-1971, Miscellaneous correspondence, La Jolla

[Folder 5]
1970, January-February

[Folder 6]
1970, March

[Folder 7]
1970, April-June

[Folder 8]
1970, July-December

[Folder 9]
1971

[Folder 10]
1972, January-June

[Folder 11]
1972, July-December

[Box 5]
[Folder 1]
1973, January-June

[Folder 2]
1973, July-December

[Folder 3]
1974

[Folder 4]
1975

[Folder 5]
1976

[Folder 6]
1977

[Folder 7]
[1978-1982], Menard correspondence to SIO while in Washington

[Folder 8]
1978

[Folder 9]
1979

[Folder 10]
1980

[Folder 11]
1981

[Box 6]
[Folder 1]
1982

[Folder 2]
1983

[Folder 3]
1984

[Folder 4]
1985, January-March

[Folder 5]
1985, April-August

[Folder 6]
1985, September-December

ORGANIZATIONS

ARPA (Advanced Research Projects Agency)

[Box 7]

[Folder 1]

ARPA 1982 NORDA Contract [Seismic profiling]

[Folder 2]

1983, South Pacific

[Folder 3]

American Academy of Arts and Sciences, 1975-1982

American Geophysical Union

[Folder 4]

1975-1985

[Folder 5]

Geophysics Conference, May 1973

[Folder 6]

Australian National University, Advisory Committee, [1972-1973]

[Folder 7]

Author's Guild Bulletin, [1970-1976]

[Folder 8]

California Academy of Sciences and State Geologists, 1972-1977

Cal-Tech [California Institute of Technology]

[Folder 9]
1959-1960

[Folder 10]
Geology 150, 1959-1960

[Folder 11]
Visiting Committee, [1969-1973]

[Folder 12]
[1974-1982]

[Box 8]

[Folder 1]

[Center for Ocean Law and Policy, 1981-1982], Cozumel Meeting, January 1982

Churchill College

[Folder 2]
[1968-1985, Correspondence]

[Folder 3]
[1970-1974, Address Lists]

[Folder 4]
[1971-1984, Review]

[Folder 5]

**Committee on Scholarly Communications with People's Republic of China (CSCPRC),
[1985]**

[Folder 6]

Cosmos Club, 1966-1974

[Folder 7]

Explorers Club, [1973-1978]

[Folder 8]

Federation of American Scientists, 1972-1981

[Folder 9]

GSA and AAPG, [Geological Society of America and American Association of Petroleum Geologists], 1973-1985

JOI [Joint Oceanographic Institutions, 1984-1985]

[Folder 10]

Accounts

[Folder 11]

Before Last Meetings

[Box 9]

[Folder 1]

Before Last Meetings

[Folder 2]

ExCom Meetings [Executive Committee]

[Folder 3]
Last Meeting

[Folder 4]
Next Meeting

[Folder 5]
Staff Notes

[Folder 6]
JOIDES--OMD [Deep Earth Sampling, 1984]

[Folder 7]
Lamont Advisory Committee, 1982-1983

[Folder 8]
Mare Nostrum Foundation, [1981-1983]

NAS [National Academy of Sciences]

[Box 10]
[Folder 1]
1967-1969

[Folder 2]
1970-1978

[Folder 3]
1979-1981

[Folder 4]
1982

[Folder 5]
1983

[Folder 6]
1984-1985

[Folder 7]
Board on Earth Sciences, 1985

[Folder 8]
Meeting, 17-18 October 1985, Washington, D.C.

[Folder 9]
Meeting, 17-18 October 1985, Washington, D.C.

[Box 11]
[Folder 1]
BOSP [Board on Ocean Science and Policy] Studies, 1983-1984

[Folder 2]
1985

[Folder 3]
Commission on Natural Resources, 1975-1977

[Folder 4]
Committee on Gas Production Opportunities, 1976-1977

CEQ [Council on Environmental Quality]

[Folder 5]
D [Dorfman], 1973-1974

[Folder 6]
Edward M. Kennedy, 1974

[Folder 7]
R [Rogers], 1973-1974

[Box 12]
CEQ-OCS [Council on Environmental Quality-Outer Continental Shelf]

[Folder 1]
Critique, During, Draft, 1973-1974

[Folder 2]
Review Committee--Meetings 1974

[Folder 3]
January 9-10, 1974, La Jolla

[Folder 4]
February 21-22, Washington, D.C.

[Folder 5]
March 25-26, Washington, D.C.

[Folder 6]
Critique, Post, 1973-1974

[Folder 7]
Correspondence, [April-May 1974]

[Folder 8]
June 1974

[Folder 9]
July 1974

[Folder 10]
August 1974

[Folder 11]
Reviews, 1974

[Folder 12]
Energy Forum, 1973-1974

Environmental Studies Group

[Box 13]
[Folder 1]
Summer 1969 Study, "Environmental Problems in South Florida"

[Folder 2]
Jamaica Bay, 3-8 June 1970

[Folder 3]
[Lunar and Planetary Institute], Meeting, Asteroid Impacts, 19-22 October 1981

[Folder 4]
Marine Board Meeting, San Diego, 1982

[Folder 5]
Outer Continental Shelf Meeting, 30 November 1982

[Folder 6]
Section of Geology, 1977-1983

[Folder 7]
1984-1985

[Folder 8]
U.S. Geodynamics Committee Meeting on the Lithosphere, 15-19 March 1982

NOAA [National Oceanic and Atmospheric Administration]

[Box 14]
[Folder 1]
1984-1985, Review Panel

[Folder 2]
Background Material

NSF [National Science Foundation]

[Folder 3]
History of Science, 1985

[Folder 4]
Proposals, 1978, Uplifted Atolls

[Folder 5]
1982, Ancient Islands

[Folder 6]
1982, Seabeam Terraces

[Folder 7]
1984, Asymmetric Spreading, Menard and Hey

[Folder 8]
1984, Asymmetric Spreading, Menard and Hey

[Box 15]
[Folder 1]
1984-1986, ZED Renewal, [Crenelate Ridges and Large Transforms]

[Folder 2]
Best Figures

[Folder 3]
Drafts

[Folder 4]
1985-1986, MAUI

Oceans '83, Blue Ribbon Panel

[Folder 5]
[Correspondence]

[Folder 6]
[Executive Summary]

[Folder 7]
[Keynote Addresses]

[Folder 8]
Oceanographic Advisory Committee, [1968-1976]

[Folder 9]
Oceanography Congress--Edinburgh, 1972 [International Congress on the History of Oceanography, Challenger Expedition Centenary]

ONR [Office of Naval Research, Department of the Navy]

[Box 16]
[Folder 1]
1977-1978 MAUI proposal

[Folder 2]
1982 Jordan [Statistical Modelling and Seafloor Morphology]

OST [Office of Science and Technology]

[Folder 3]
1962-1966, Russia

[Folder 4]
1966

OTA [Office of Technology Assessment]

[Folder 5]
Correspondence, [1974]

[Folder 6]
Expenses, [1974-1976]

[Folder 7]
Offshore Assessment, 1974-1975, Meetings

[Folder 8]
Past Meetings, [1974-1976]

[Folder 9]
Royal Astronomical Society, 1976

[Folder 10]
Sigma Xi, [1954-1972]

[Folder 11]
State Board of Registration for Geologists, (Dept. of Professional & Vocational Standards), [1969]

[Folder 12]
University of Washington, OCS [Outer Continental Shelf] October 1981, [McKernan Lecture, Institute for Marine Studies]

[Folder 13]
University of Wisconsin-Madison, Minerals Dependence, May 6-7, 1982

UNIVERSITY OF CALIFORNIA

[SIO] Scripps Institution of Oceanography

[Box 17]
[Folder 1]
1974-1978

[Folder 2]
1982

[Folder 3]
1983

[Folder 4]
1984-1985

[Folder 5]
Archives, 1982-1985

[Folder 6]
Center for Pacific Studies, 1983-1985

[Folder 7]
Geological Data Center, Steering Committee, 1984

[Folder 8]
Local Money, 1961-1985

[Folder 9]
Marine Geology Curricular Group, 1973-1985

[Folder 10]
Marine Operations, [1977-1985]

[Folder 11]
Meetings, 1982-1983

[Box 18]
[Folder 1]
People, 1967-1985

[Folder 2]
Promotions, etc., 1976-1985

[Folder 3]
Scripps Industrial Associates, 1981-1984

[Folder 4]
Seabeam Operators, [1981-1985]

[Folder 5]
Visitors, 1976-1977

Teaching, [SIO Courses]

[Folder 6]
1974, 240, Marine Geology

[Folder 7]
1977, 240, Marine Geology

[Folder 8]
1981, 248A, Essentials of Geology

[Folder 9]
1981, 248A, Essentials of Geology

[Folder 10]
1981, 248A, Essentials of Geology

[Folder 11]
1981, 248A, Essentials of Geology

[Box 19]
[Folder 1]
1981, 248A, Essentials of Geology

[Folder 2]
1982, Spring, 240 Marine Geology

[Folder 3]
1982-1984, Fall, 248A, Essentials of Geology

[Folder 4]
1984, 248A, Essentials of Geology

[Folder 5]
1984-1985, 248A, Essentials of Geology

[Folder 6]
1984-1985, 248A, Essentials of Geology

[Folder 7]
1984-1985, 248A, Essentials of Geology

[Box 20]
[Folder 1]
1985, 248A, Essentials of Geology

Teaching, Students

[Folder 2]
Jeff Gardner, 1984-1985

[Folder 3]
Dave Naar, 1985

[Folder 4]
Debby Smith, 1980-1985

[Folder 5]
Student Problems, 1976-1977

University-wide

[Folder 6]
Academic Senate, 1972-1978

[Folder 7]
Faculty, 1971-1973

[Folder 8]
1979-1985

[Folder 9]
IGPP [Institute of Geophysics and Planetary Physics], Advisory Committee, 1984-1985

[Folder 10]
Institute of Marine Resources, 1971-1974

[Folder 11]
1981-1985

[Folder 12]
Oceanographic Collections Committee, 1982-1984

[Folder 13]
Sabbatical, Guggenheim, 1961-1972

[Folder 14]
Woods Hole, 1973

[Folder 15]
1983-1984

[Folder 16]
Specialist Panel, [1977]

[Folder 17]
UCSD, 25th [Anniversary], 1985

UNITED STATES GEOLOGICAL SURVEY

Appointment to U.S.G.S.

[Box 21]
[Folder 1]
Basic Chronology, 1977-1978

[Folder 2]
Congratulatory File, 1978

[Folder 3]
Post-Transition, [1981]

[Folder 4]
Post-Transition, [1981]

[Folder 5]
Press and Public Relations Clippings, 1978

[Folder 6]
Correspondence, 1977-1978

[Folder 7]
Senate Confirmation, 1978

[Folder 8]
Senate Hearings, 1978

[Folder 9]
Thank you letters, n.d.

Appointment calendar

[Folder 10]
1978

[Folder 11]
1979

[Folder 12]
1979

[Folder 13]
1980

[Folder 14]
1981

China

[Box 22]
[Folder 1]
1978, September-October

[Folder 2]
1979

[Folder 3]
1980

[Folder 4]

**Committee on Scholarly Communication with the People's Republic of China,
Background Information, 1979**

[Folder 5]

[Visits to the Earth Sciences Institute], June-August 1978

[Folder 6]

Consultant to Assistant Secretary, Interior, 1978

[Folder 7]

Lamont-Doherty Advisory Council, 1979

Newspaper clippings, Menard, 10th Director

[Folder 8]

[February-June 1978]

[Folder 9]

[August 1978-March 1979]

[Folder 10]

[August 31-September 5, 1979]

[Folder 11]

[September 1979-January 1980]

"Personal Folder," from U.S.G.S.

[Folder 12]
Biographical Information

[Folder 13]
Correspondence, 1978-1980

[Folder 14]
1981-1984, [includes oral history]

[Folder 15]
[Employment materials, 1978-1980]

[Folder 16]
Forms and travel vouchers, 1978-1980

Scientific Talks and Trips while Director

[Box 23]
[Folder 1]
Lamont Talk, "Future of Earth Science," n.d.

[Folder 2]
"Relevance of Pure Science," n.d.

[Folder 3]
Volcanology, n.d.

[Folder 4]
[1978]

[Folder 5]
Honolulu, Circum-Pacific Energy Conference, March 28-31, 1978

[Folder 6]
National Academy of Sciences, April 24-26, 1978

[Folder 7]
Houston, Texas, Offshore Technology Conference, May 8, 1978

[Folder 8]
Pasadena Distinguished Alumni Award, California Institute of Technology, May 13, 1978

[Folder 9]
National Center--USGS Earthquake Studies Advisory Panel, May 25-26, 1978

[Folder 10]
U.S. National Committee on Geology Meeting, June 1, 1978

[Folder 11]
Jackson, Wyoming, State Geologists Meeting, June 12, 1978

[Folder 12]
Denver, CO, USGS Denver Federal Center, June 13-17, 1978

[Folder 13]
Menlo Park, CA, Visit USGS Offices, July 26, 1978

[Folder 14]
Alaska, August 1-14, 1978

[Folder 15]
Washington, D.C., Oceans 78, September 7, 1978

[Folder 16]
Gatlinburg, TN, 13th Interagency Advisory Committee on Water Data, September 14-15, 1978

[Folder 17]
Academy Forum, Ocean Resources, September 16, 1978

[Folder 18]
Association of Professional Geological Scientists, September 19, 1978

[Folder 19]
Washington, D.C., Meetings Don Haney, Kentucky State Geologist, September 28, 1978

[Folder 20]
Sioux Falls, SD, Pecora Symposium, October 10, 1978

[Folder 21]
Washington, D.C., Section of American Institute of Mining Metallurgical and Petroleum Engineers, October 17, 1978

[Folder 22]
Assistant Secretary Tom Pickering, Department of State, October 18, 1978

[Folder 23]
Toronto, Geological Society of America Meeting, (Geological Section of NAS), October 23, 1978

[Folder 24]
Mitre Corporation, Natural Gas Workshop, October 30, 1978

[Folder 25]

Botswana Minister of Minerals, Resources and Water Affairs, November 1, 1978

[Folder 26]

Potomac Region of American Society of Photogrammetry, November 2, 1978

[Folder 27]

California Institute of Technology, November 6, 1978

[Folder 28]

**Palisades, NY, Lamont-Doherty Geological Observatory, Columbia University,
November 10, 1978**

[Folder 29]

Washington, DC, Secretary's Executive Briefing, November 14-16, 1978

[Folder 30]

Reston Sheraton, Geology Branch Chiefs, November 14, 1978

[Box 24]

[Folder 1]

USGS Honor Awards Ceremony, November 17, 1978

[Folder 2]

Metairie and Bay St. Louis, November 27-28, 1978

[Folder 3]

**Los Angeles, Western Oil and Gas Association, Exploration Committee, December
1978**

[Folder 4]

San Francisco, American Geophysical Union (AGU), December 4-8, 1978

[Folder 5]

Saudi Arabia, Poland and Germany, December 4-17, 1978

[Folder 6]

Rolla, Missouri, Mid-Continent Mapping Center, December 19, 1978

[Folder 7]

Flagstaff, Arizona, Visit USGS Offices December 21, 1978

[Folder 8]

Tucson, Arizona, Visit USGS Offices, December 22, 1978

[Folder 9]

San Diego, CA, Geological Society of America, Annual Meeting, January 5, 1979

[Folder 10]

California Institute of Technology, January 24, 1979

[Folder 11]

**Pasadena: California Institute of Technology, John Peter Buwalda Lecture,
January 24, 1979**

[Folder 12]

Corpus Christi, Texas, Seminar on OCS Geologic Hazards, January 30-31, 1979

[Folder 13]

**Lexington, Kentucky, Symposium, Kentucky Geologic Mapping Project, February
1-2, 1979**

[Folder 14]

Menlo Park, CA, Visit Alaskan Branch, USGS, February 12, 1979

[Folder 15]

Anchorage, Alaska, Visit USGS Offices February 13, 1979

[Folder 16]

National Research Council, Commission on Natural Resources, Board on Mineral and Energy Resources, March 13, 1979

[Folder 17]

Washington D.C., National Ocean Industries Association, March 13, 1979

[Folder 18]

Anaheim, CA, Joint Session, Pacific Sections, American Association of Petroleum Geologists, SERM, SEG, March 15, 1979

[Folder 19]

Academy Forum, March 27, 1979

[Folder 20]

San Jose, CA, Cordilleran Section, Geological Society of America, April 11, 1979

[Folder 21]

National Academy of Sciences, Honoring USGS Centennial, April 23, 1979

[Folder 22]

Blacksburg, VA, Virginia Polytechnic Institution, Southeast Section, Geological Society of America, April 26-27, 1979

[Folder 23]

Princeton, NJ, Princeton University Energy Seminar, May 7, 1979

[Folder 24]

National Academy of Sciences, May 8, 1979

[Folder 25]

9th International Conference of Carboniferous Stratigraphy and Geology, May 19, 1979

[Folder 26]

Denver, CO, Visit USGS Offices, May 23, 1979

[Folder 27]

Fort Collins, CO, Rocky Mountain Section Meeting of Geological Society of America, May 24-25, 1979

[Folder 28]

Idaho--American Association for the Advancement of Science Pacific Division, June 3-7, 1979

[Folder 29]

Little Rock, Arkansas, State Geologists Meeting, June 3-6, 1979

[Folder 30]

Little Rock, Arkansas, Visit WRD Office, June 4, 1979

[Folder 31]

American Association for the Advancement of Science, Pacific Division, June 5, 1979

[Folder 32]

Rolla, Missouri, Visit Mid-Continent Mapping Center, June 5, 1979

[Box 25]
[Folder 1]
Sitka, Alaska, On board the Sea Sounder June 18-July 1, 1979

[Folder 2]
Washington, D.C., USGS/National Archives Exhibition, June 19, 1979

[Folder 3]
Annual EEO Conference, July 9, 1979

[Folder 4]
Symposium on Intraplate Volcanism and Submarine Volcanism, Hawaii, July 16-22, 1979

[Folder 5]
Woods Hole Conference, August 1979, and Atlantic Continental Margin, n.d.

[Folder 6]
August 1-15, 1979

[Folder 7]
August 22-September 10, 1979

[Folder 8]
Atlanta, Georgia, August 29-30, 1979

[Folder 9]
Woods Hole Conference, 1979, and Atlantic Continental Margin, September 17, 1979

[Folder 10]
Troy, N.Y. Rensselaer Polytechnic Institute, October 5, 1979

[Folder 11]

South America, October 7-12, 1979 [Briefing Book, Press Trip, Latin America and Caribbean]

[Folder 12]

Itinerary

[Folder 13]

Brazil, Venezuela

[Folder 14]

International Centennial Symposium: Resources for the 21st Century, October 14-19, 1979, Agenda and Recipients of Invitations

[Folder 15]

Correspondence

[Folder 16]

Lists of Participants

[Folder 17]

Speeches

[Folder 18]

State Geologists Liaison Committee, October 22, 1979

[Folder 19]

Reston, VA: Science Advisory Committee Meeting, October 25-26, 1979

[Folder 20]

Lunch with Federal Emergency Management Association, October 26, 1979

[Box 26]

[Folder 1]

National Science Foundation, Natural Hazard Advisory Committee, October 26, 1979

[Folder 2]

San Diego, CA, Earthquake Studies Advisory Panel Meeting, November 1-2, 1979

[Folder 3]

Department of the Interior, Annual Awards Convocation, November 13, 1979

[Folder 4]

1979 Executive Briefings, November 14-15, 1979

[Folder 5]

Annapolis, MD, Executive Conference, November 15-18, 1979

[Folder 6]

U.S. National Committee on Geology, November 19, 1979

[Folder 7]

Lunch with Frank Press and Joseph Hendrie, November 20, 1979

[Folder 8]

Deepwater Technology Symposium, December 6, 1979

[Folder 9]

Briefing on Dome Petroleum's Arctic Research Program, December 18, 1979

[Folder 10]

Committee on Science, Engineering and Technology, December 19, 1979

[Folder 11]

U.S.--People's Republic of China, Joint Commission, Meeting on Science and Technology, Beijing, January 1980

[Folder 12]

Advisory Board to the Office of Earth Sciences, National Research Council, NAS, January 19, 1980

[Folder 13]

Reception, American Mining Congress, January 29, 1980

[Folder 14]

Denver, Colorado/Menlo Park, California, January 29-31, 1980

[Folder 15]

Geopressed Geothermal Resources Briefing, January 31, 1980

[Folder 16]

National Earthquake Prediction Evaluation Council, February 4-May, 1980

[Folder 17]

Annual Meeting of the U.S. National Committee, World Energy Conference, International Club, Washington, February 5, 1980

[Folder 18]

Federal Women's Program, February 21, 1980

[Folder 19]

Earthquake Hazards Reduction Hearings, February 27, 1980

[Folder 20]

OSC Decision Meeting with the Secretary March 13, 1980

[Folder 21]

USGS/NOAA Coordinating Committee March 31, 1980

[Folder 22]

State Geologists Liaison Committee, April 1, 1980

[Folder 23]

Honor Awards Ceremony, April 2, 1980

[Folder 24]

Portland, Oregon/San Diego, California, View Mount St. Helens and Memorial Service for Sir Edward Bullard, April 12-17, 1980

[Folder 25]

National Academy of Sciences Annual Meeting, April 21-23, 1980

[Folder 26]

South Padre Island, Texas, 72nd Annual Meeting of the Association of American State Geologists, April 27-30, 1980

[Folder 27]

Wilson Center, Prospects: Environment and Society in the 1980s, (Smithsonian Institution), May 1, 1980

[Folder 28]

Norfolk, Virginia, Old Dominion University, Honorary Degree, May 9-10, 1980

[Folder 29]

Symposium on China and the Nations of the Pacific, The Great Hall, National Academy of Sciences, May 14, 1980

[Folder 30]

State Department, National Science Board Dinner, May 15, 1980

[Folder 31]

U.S. National Committee on Geology, National Academy of Sciences Conference Room, Watergate Office Building, May 30, 1980

[Folder 32]

State Geological Surveys--USGS Combined Eastern Regional Meeting, June 3, 1980

[Folder 33]

Interior Meeting: Contracting Officers' Warrant System, June 4, 1980

[Folder 34]

Menlo Park, CA, Earthquake Studies Advisory Panel, June 6-7, 1980

[Folder 35]

Reception, American Petroleum Council The Octagon House, Washington, June 10, 1980

[Box 27]

[Folder 1]

Vancouver, Washington--Tacoma, Washington, View St. Helens, visit WRD Tacoma and University of Washington Seismology, June 16-18, 1980

[Folder 2]

Newspaper Clippings

[Folder 3]

Symposium on Oil and Gas Supply Modeling (Energy Information Administration, DOE), and National Bureau of Standards, Department of Commerce, June 18-20, 1980

[Folder 4]

American Association for the Advancement of Science 5th Annual Colloquium on Research & Development Policy, June 19-20, 1980

[Folder 5]

Status of the Third United Nations Conference on the Law of the Sea, July 1, 1980

[Folder 6]

D.O. Conference Room, 11th National Training Program for Federally Employed Women, July 9, 1980

[Folder 7]

Paris, France: 26th International Geological Conference, July 17, 1980

[Folder 8]

Second Circular

[Folder 9]

National Conference of WRD District Chiefs, July 21-25, 1980

[Folder 10]

West Greenwich, Rhode Island, Conservation Division, Manager's Meeting, July 21-22, 1980

[Folder 11]

Symposium on Pleistocene Sea-Level Changes and Mass Wasting on the Continental Margin, Woods Hole, August 12-15, 1980

[Folder 12]

Woods Hole, Mass Wasting Meeting, August 13-15, 1980

[Folder 13]

Briefing, USGS Seismic Reflection Activities, September 19, 1980

[Folder 14]

September 20, 1980-October 1, 1980, Africa with Frank Press

[Folder 15]

Agenda, Names and Delegates

[Folder 16]

Background Information--Kenya

[Folder 17]

Background Information--Zimbabwe

[Folder 18]

Nigeria

[Folder 19]

Senegal

[Box 28]

[Folder 1]

**Third International Congress on the History of Oceanography, Woods Hole,
September 26, 1980**

[Folder 2]

**14th Meeting, Advisory Committee on Water Data for Public Use and Interagency
Advisory Committee on Water Data, October 7-9, 1980**

[Folder 3]

**Committee on International Science, Engineering and Technology, October 15,
1980**

[Folder 4]
Geophysics Seminar, October 15, 1980

[Folder 5]
Petroleum Data Systems Advisory Committee Meeting (Keynote Speaker) Carnegie Endowment Center, Washington, October 16, 1980

[Folder 6]
1980-1981 Executive and Managers Development Program, October 22, 1980

[Folder 7]
Atlanta, GA: Geological Society of America Annual Meeting, November 17-20, 1980

[Folder 8]
State Department, U.S.--People's Republic of China, Joint Commission on Scientific and Technological Cooperation, December 2, 1980

[Folder 9]
Background Information

[Folder 10]
Progress Reports

[Folder 11]
Charlottesville, VA, Executive Committee Conference, December 5-7, 1980

[Folder 12]
National Petroleum Council Reception, December 9, 1980

[Folder 13]
U.S. National Committee on Geology, December 19, 1980

[Folder 14]
Palisades, NY, Lamont-Doherty Advisory Council, December 25, 1980

[Box 78]
[Folder 1]
The Tenth Director [Notes on Work as Director, USGS, 1978]

[Box 29]
[Folder 1]
Travel, 1978-1981

Travel Vouchers

[Folder 2]
1978

[Folder 3]
1979

[Folder 4]
1980

[Folder 5]
U.S.G.S. Background History

[Folder 6]
U.S.G.S. Director's Newsletter, 1978-1979

SUBJECT FILES

[Box 30]
[Folder 1]
Book Collection

Consulting

[Folder 2]
[1959-1964] Odd & Ends

[Folder 3]
A T and T, 1960-1964

[Folder 4]
1971

[Folder 5]
Cable and Wireless, 1961-1967

[Folder 6]
Bell Labs, 1965

[Folder 7]
DNAG [Decade of North American Geology, 1984-1985]

[Folder 8]
Deep Sea Research, [editorial advisory board], 1973-1976

Frankel, [Henry]

[Folder 9]
On Continental Drift Theory, [1978]

[Folder 10]
On Hess, n.d.

[Folder 11]
On Menard, n.d.

[Folder 12]
News, etc., 1951-1969

[Folder 13]
Penrose Medal, 1976-1977

[Box 31]
[Folder 1]
Tectonophysics, (editorial board), 1973-1977

[Folder 2]
[Testimony] California vs. Interior, Expert Witness, 1975-1976

World War II Photos

[Folder 3]
General

[Folder 4]
Geology

[Folder 5]
Geology

[Folder 6]
Geology

[Folder 7]
Geology

[Box 32]
[Folder 1]
Geology

World War II Records [Task Force 38]

[Folder 2]
July, 1945

[Folder 3]
August, 1945

STUDENT NOTES AND LABORATORY NOTEBOOKS

[Box 33]
[Folder 1]
P[hysical] Chemistry, n.d.

[Folder 2]
[Field Geology, California Institute of Technology, c.1941]

[Folder 3]
Optical Mineralogy, Petrology, [California Institute of Technology, Fall Term, 1941]

[Folder 4]
Paleontology Ge 1c, Ge 111a/b Invertebrate Paleontology Seminar, [California Institute of Technology], 1946

[Folder 5]
Geophysics Ge 265 and V [Vertebrate] Paleontology, [California Institute of Technology, 1947]

[Folder 6]
Mineralogy Ge 3a/b/c, plus Introduction to Economics of Geology (Coal and Oil) [California Institute of Technology, January, 1947]

[Folder 7]
[Menard's MS Thesis] Geology of the Agua Dulce Canyon Area, Los Angeles County, California, California Institute of Technology, March, 1947

[Folder 8]
Sedimentation, Schrock's Course 2-1, [Harvard University, Fall Term, 1947]

[Folder 9]

[Stratigraphy Reading List, Harvard University, Geology 8a/b, June, 1947]

[Folder 10]

[Stratigraphy (Geology 8a,) Harvard University, Fall Term, 1947]

[Folder 11]

Tectonics and Structural Geology, [Harvard University], Fall Term, 1947-1948

[Box 34]

[Folder 1]

Geomorphology Seminar and Arid Geomorphology and Geography of the Pleistocene, [Harvard University, Spring Term, 1947-1948]

[Folder 2]

Introduction to Petroleum Geology and Hayne's Petroleum and Non-Minerals, [Harvard University], 1948

[Folder 3]

[Geology Museum, Harvard University, 1948-1949, California Institute of Technology, 1951]

Laboratory Notebook

[Folder 4]

Room 216, Oceanographic c/o Geology Museum, Harvard University, Rm 101A, c.1948

[Folder 5]

Optics of Minerals, [Harvard University] c.1948

[Folder 6]

Room 101A, Geology Museum, Harvard Museum c.1948

[Folder 7]
Geology Museum, Harvard University c.1948

RESEARCH FILES

[Box 35]
[Folder 1]
AGU, n.d.

[Folder 2]
Action at Sea [photos]

[Folder 3]
[Active Volcanoes, papers, 1982]

[Folder 4]
Average Depths, 1964

[Folder 5]
Bottom Photos, n.d.

[Folder 6]
California Oil, 1975-1976

[Folder 7]
California Structures, n.d.

[Folder 8]
Chemical Analyses, 1959-1960

[Folder 9]

Continental Erosion, Isostasy & Thermal Subsidence, notes, n.d.

Expeditions

[Folder 10]

[Expeditions, n.d]

[Folder 11]

SIO Expeditions, [1952-1961]

[Folder 12]

[Expedition to the Arctic, 5 July-5 August 1960, Track of R/V Hugh M. Smith]

[Folder 13]

Nova, Diary Book 1, 29 June 1967 to [9 September 1969]

[Folder 14]

[Glomar Challenger], Leg 91, Ops and Messages, 1982-1983

[Folder 15]

DSDP [Deep Sea Drilling Project], Leg 91, 1982

[Box 36]

[Folder 1]

DSDP, manuscripts and reports, 1984, correspondence

[Folder 2]

DSDP, manuscripts and reports, 1984, reports

[Folder 3]
DSDP, manuscripts and reports, 1985

[Folder 4]
DSDP, manuscripts and reports, 1985

[Folder 5]
DSDP, manuscripts and reports, 1985

[Folder 6]
DSDP, manuscripts and reports, 1985

[Folder 7]
[Ngendie], Profile Records, pre- Ngendie, 1982

[Box 37]
[Folder 1]
[Ngendie], Profile Records, pre- Ngendie, 1982

[Folder 2]
Airgun 596 to Tahiti [photos, 1983]

[Folder 3]
Seismic Profiles Wellington, Site 595, [1983]

[Folder 4]
Guyot & Atoll Subsidence, n.d.

[Folder 5]
Guyot Platforms & Subsidence, n.d.

[Folder 6]
Hot Spots, n.d.

[Folder 7]
Insular Swells, n.d.

Manganese Nodules

[Folder 8]
Berkeley Project Correspondence, 1958-1959

[Folder 9]
Bureau of Mines Correspondence, 1958-1959

[Folder 10]
Correlations and analysis of data

[Folder 11]
Literature and References

[Folder 12]
Manuscripts, Stewart, [Harris B.]

[Folder 13]
Photos [master set]

[Folder 14]
Photos

[Folder 15]
Photos

[Folder 16]
Photos, analysis of

[Folder 17]
Reserve Estimates

[Folder 18]
Tabulation, Correspondence and Source material, [1958-1959]

[Folder 19]
Preparatory notes

Marine Prospecting and Mining

[Box 38]
[Folder 1]
Accounts and Log, [1963]

[Folder 2]
Correspondence, [1964]

[Folder 3]
Data, [ca. 1963]

[Folder 4]
Preliminary Report, 1963

[Folder 5]
Value of Ores

Notebooks

[Folder 6]
Cook Islands, Austral Islands

[Folder 7]
General, Volume I

[Folder 8]
General, Volume II

[Folder 9]
Samoa Islands, Manihiki Plateau

[Folder 10]
Society Islands

[Box 39]
[Folder 1]
Correspondence, 1981-1984

[Folder 2]
Shor, Summary Book of Seismic Layer Solutions, Midpac, 1950- Show, 1966

[Folder 3]
Tectonics I, Seamounts and Islands, n.d.

Notes

[Folder 4]
[n.d.]

[Folder 5]
A Decade of Work

[Folder 6]
Publications, Plans and Results

[Folder 7]
Oceanic Volcanoes Dated and Undated, Active or Not, Master Compilation

Oil Exploration and Drilling

[Folder 8]
Computer Analyses

[Folder 9]
Depth Distribution

[Folder 10]
Oil/Energy

[Folder 11]
Oil/Energy

[Folder 12]
Size of Oil Fields

[Folder 13]
Theory of Rate of Discovery

[Folder 14]
Utility of Changing Search Techniques

[Box 40]
[Folder 1]
Origin of Asymmetry, n.d.

[Folder 2]
Provinces and Sea Floor Spreading, 1969-1970

[Folder 3]
Paired Ridges, Speed Limit, n.d.

[Folder 4]
Phosphorite, n.d.

[Folder 5]
Pre-Line Plate Motion, n.d.

[Folder 6]
Research Ideas, n.d.

[Folder 7]
Research Problems, 1 July 1981, 22 June 1967

Reserves

[Folder 8]
[Data]

[Folder 9]
[Reports]

Santa Barbara Oil Spill

[Folder 10]
Committee, 1969

[Folder 11]
General File, February-July 1969

[Box 41]
[Folder 1]
August 1969-April 1970

[Folder 2]
Meeting, 19-20 February 1969, Part I

[Folder 3]
4-5 March 1969, Part II

[Folder 4]
15-16 April 1969, Part III

[Folder 5]
12-13 May 1969, Part IV

[Folder 6]
[Photos]

[Folder 7]

Subsidence of Barrier Reefs, n.d.

[Folder 8]

Swell Depth vs. Age, Basic Data, n.d.

[Folder 9]

Thermal Rejuvenation and Subsidence of Midplate Swells, n.d.

[Folder 10]

Transcurrent Transforms, 1972

WRITINGS

[Box 42]
[Folder 1]
Miscellaneous Early Papers, [1949-1951]

[Folder 2]
[Poetry, n.d.]

Reprint Files

[Folder 3]
n.d., 1955-1958

[Folder 4]
1965-1973

[Folder 5]
1976-1984

[Folder 6]
1985

Reprints Mailed

[Folder 7]
1967-1974

[Folder 8]
1975-1978

[Folder 9]
Configuration of the Trailing Edge of a Moving Tectonic Plate, n.d.

[Folder 10]
The Locus of Pelagic Sedimentation, n.d.

[Folder 11]
Margaret Seamount, n.d.

[Folder 12]
Ocean Plate Paleogeography, n.d.

[Folder 13]
Policy Implications of the Size Distribution of Undiscovered and Gas in the U.S., n.d.

[Folder 14]
Volcanic Lineations and Changes in Plate Drift, n.d.

[Box 43]
[Folder 1]
**"Geology of the Agua Dulce Canyon Area, Los Angeles County, California," M.A. Thesis,
C.I.T., March 1947**

[Folder 2]
Ph.D. Thesis, "Critical Tractive Force Tests of Coarse Material," 1949

[Folder 3]
Current Ripple Profiles and Their Development, 1950 [#3]

[Folder 4]

Transportation of Sediment by Bubbles, 1950, [#4]

[Folder 5]

Experiments on the Movement of Shells by Water, with A.J. Boucot, 1951 [#6]

[Folder 6]

Applications of Hydraulics to the Study of Marine Turbidity Currents, with J.C. Ludwick, 1951 [#8]

[Folder 7]

Submarine Geology of the Gulf of Alaska, with R.S. Dietz, 1951 [#9]

[Folder 8]

Deep Ripple Marks in the Sea, 1952, [#10]

[Folder 9]

Mendocino Submarine Escarpment, with R.S. Dietz, 1952 [#11]

[Folder 10]

Turbidity Currents, Graded and Non-Graded Deposits, with Ph. H. Kuenen, 1952 [#12]

[Folder 11]

Pleistocene and Recent Sediment from the Floor of the Northeastern Pacific, 1953 [#14]

[Folder 12]

Underwater Mapping by Diving Geologists, with R.F. Dill, E.L. Hamilton, D.G. Moore, G. Shumway, M. Silverman, H.B. Stewart, 1954 [#16]

[Folder 13]

Fractures in the Pacific Floor, 1955 [#18]

[Folder 14]

**Deformation of the Northeastern Pacific Basin and the West Coast of North America, 1955
[#19]**

[Folder 15]

Deep-Sea Channels, Topography and Sedimentation, 1955 [#20]

[Folder 16]

Archipelagic Aprons, 1956 [#21]

[Box 44]

[Folder 1]

Submarine Vulcanism [Volcanism] in the Pacific Basin, 1957

[Folder 2]

Development of Median Elevations in Ocean Basins, 1958 [#24]

[Folder 3]

**Magnetic Survey of Part of the Deep Sea Floor off the Coast of California, with V.
Vacquier, 1958 [#25]**

[Folder 4]

Clipperton Fracture Zone in the Northeastern Equatorial Pacific, 1958 [#27]

[Folder 5]

Life, 1959

[Folder 6]

Subsided Rises of the Pacific Basin, 1959

[Folder 7]

Distribution et Origine des Zones Plates Abyssales, 1959 [#28]

[Folder 8]

Minor Lineations in the Pacific Basin, 1959 [#29]

[Folder 9]

Geology of the Pacific Sea Floor, 1959 [#30]

[Folder 10]

Possible Pre-Pleistocene Deep-Sea Fans Off Central California, 1960 [#32]

[Folder 11]

Consolidated Slabs on the Floor of the Eastern Pacific, 1960 [#33]

[Folder 12]

Introduction to the Darwin Book, "The Structure and Distribution of Coral Reefs," 1961

[Folder 13]

Some Rates of Regional Erosion, 1961 [#34]

[Folder 14]

The East Pacific Rise, 1961 [#35]

[Folder 15]

I.U.G.G. Report, 1962

[Folder 16]

Correlation Between Length and Offset on Very Large Wrench Faults, 1962 [#37]

[Folder 17]

Rate of Growth of Continents, 1963

[Folder 18]

Oceanic Islands, Seamounts, Guyots and Atolls, with H.S. Ladd, 1963 [#38]

[Box 45]

[Folder 1]

Topography of the Deep Sea Floor, with B.C. Heezen, 1963 [#39]

[Folder 2]

Paleogeography of the Tropical Pacific, with E.L. Hamilton, 1963 [#40]

[Folder 3]

Analysis of Some Sea Floor Profiles, 1964

Marine Geology of the Pacific, 1964

[Folder 4]

[Comments and Reviews, #42]

[Folder 5]

[Correspondence, 1963-1983]

[Folder 6]

[Draft]

[Folder 7]

Typescript, Chapters 1-2

[Folder 8]

Chapters 3-4

[Folder 9]
Chapters 5-6

[Folder 10]
Chapters 7-8

[Folder 11]
Chapter 9

[Folder 12]
Chapters 10-11

[Box 46]
[Folder 1]
Draft Manuscript, Menard's Equal Area Bathymetric Chart, Base Chart

[Folder 2]
**Negatives, Equal Area Chart and Other Material (H.O. 0527 charts)
returned (Not Published)**

[Folder 3]
Chapter 1

[Folder 4]
Chapters 2-3

[Folder 5]
Chapter 4

[Folder 6]
Chapter 5

[Folder 7]
Chapter 8

[Folder 8]
Chapter 9

[Folder 9]
Chapters 10-11

[Folder 10]
Bibliography

[Folder 11]
Illustrations, Chapter 2

[Folder 12]
Chapter 3

[Folder 13]
Chapter 4

[Folder 14]
Chapter 5

[Folder 15]
Chapter 6

[Folder 16]
Chapter 7

[Folder 17]

Chapter 8

[Folder 18]

Chapter 9

[Folder 19]

Chapter 10-11

[Folder 20]

Guyots in the Southwestern Pacific Basin, with S.M. Smith, T.E. Chase, 1964 [#43]

[Folder 21]

Galapagos Rise in the Southeastern Pacific, with T.E. Chase, S.M. Smith, 1964 [#44]

[Box 47]

[Folder 1]

Topography and Lithology of the Mendocino Ridge, with D.C. Krause, S.M. Smith, 1964 [#45]

[Folder 2]

Origin of Small Ocean Basins, 1965-1967

[Folder 3]

The World-wide Oceanic Rise-Ridge System, 1965 [#47]

[Folder 4]

The Rhone Deep-Sea Fan, with S.M. Smith, R.M. Pratt, 1965 [#48]

[Folder 5]

Tectonic Effects of Upper Mantle Motion, with T.E. Chase, 1965 [#49]

[Folder 6]

Oceanic Fracture Zones, Rutgers University 1966-1969

[Folder 7]

Sea Floor Relief and Mantle Convection, 1966 [#51]

[Folder 8]

Fracture Zones and Offsets of the East Pacific Rise, 1966 [#52]

[Folder 9]

Hypsometry of Ocean Basin Provinces, with S.M. Smith, 1966 [#54]

[Folder 10]

Hypsometry...

[Folder 11]

Hypsometry...

[Folder 12]

Hypsometry...[#54]

[Folder 13]

The Research Ship Horizon, 1967

[Box 48]

[Folder 1]

Extension of Northeastern Pacific Fracture Zones, 1967 [#57]

[Folder 2]

Sea Floor Spreading, Topography, and the Second Layer, 1967 [#59]

[Folder 3]

**Abysal Hills, Magnetic Anomalies and the East Pacific Rise, with J. Mammerickx, 1967
[#60]**

[Folder 4]

Topography and Heat Flow of the Fiji Plateau, with J.G. Sclater, 1967 [#61]

[Folder 5]

**Origin and Evolution of Magnetic Anomaly Patterns in North-East Pacific, November
1968**

[Folder 6]

**The Gulf of California: A Result of Ocean- Floor Spreading and Transform Faulting, with
R. Larson and S. Smith, 1968, [#62]**

[Folder 7]

Changes in Direction of Sea-Floor Spreading, with Tanya Atwater, 1968 [#63]

[Folder 8]

Some Remaining Problems in Sea Floor Spreading, 1968 [#64]

[Folder 9]

**Seismic and Bathymetric Evidence of a Fracture Zone on Gorda Ridge, with J.H. Northrop
and F.K. Duennebie, 1968 [#65]**

[Folder 10]

Marine Geology, 1968, [#66]

[Folder 11]

Oceanic Islands, 1969

[Folder 12]

Origin of Fracture Zone Topography, with Tanya Atwater, 1969 [#67]

[Folder 13]

The Deep Ocean Floor, 1969 [#68]

[Folder 14]

Growth of Drifting Volcanoes, 1969 [#69]

Anatomy of an Expedition, 1969 [#70]

[Folder 15]

Final Typed Manuscript, Corrected,

Preface, Chapters 1-3

[Folder 16]

Chapters 4-5

[Folder 17]

Chapters 6-7

[Folder 18]

Chapter 8

[Folder 19]

Chapters 9-10

[Folder 20]

Chapters 11-12

[Folder 21]
Chapters 13-Index

[Folder 22]
Comment After Reading First 40 Pages

[Box 49]
[Folder 1]
Nova Outside Correspondence, 1966

[Folder 2]
January-March, 1967

[Folder 3]
April-August, 1967

[Folder 4]
October-December, 1967

[Folder 5]
1968

[Folder 6]
Radio Messages, 1967

[Folder 7]
Nova Radio Messages Put on Horizon, 1967

[Folder 8]
Horizon Radio Traffic H-IV, 1967

[Folder 9]
Correspondence, 1967

[Folder 10]
January-March, 1968

[Folder 11]
May-July, 1968

[Folder 12]
September-December, 1968

[Folder 13]
1969

[Folder 14]
1970

[Folder 15]
Promotion and Sales, [1971-1977]

Illustrations

[Folder 16]
Annotated Map of the Pacific

[Folder 17]
Illustrations Not Used for Book

[Folder 18]
Illustrations Not Used for Book

[Box 50]
[Folder 1]
Illustrations Used for Book

[Folder 2]
[Illustrations]

[Folder 3]
[Illustrations]

[Folder 4]
[Illustrations]

[Folder 5]
Layout

[Folder 6]
[Legend Copy, Typescript]

[Folder 7]
Appendix

[Folder 8]
Chapters 13, 14, 15 Data

[Box 51]
[Folder 1]
Exploration Data

[Folder 2]

Forward, "Henry Menard and the Study of the Pacific Ocean," by A.V. Zhivago, 1974

[Folder 3]

Four Fracture Zones off Mexico, with T.E. Chase, 1969, [#71]

[Folder 4]

Elevation and Subsidence of Oceanic Crust, 1969, [#72]

[Folder 5]

Quantitative Data on the Area of the Continental Shelf in the Americas, 1969, [#73]

Principles of Marine Geology, c1970

[Folder 6]

Text Outlines

[Folder 7]

Illustrations

[Folder 8]

Correspondence [1964-1972]

[Folder 9]

Working Draft, chapters 1-3

[Folder 10]

Chapters 4-6

[Folder 11]

3.0 Physiographic Provinces

[Folder 12]

4.0 Plate Tectonics

[Box 52]

[Folder 1]

5.0 Spreading Centers

[Folder 2]

6.0 Fracture Zones and Lineations

[Folder 3]

7.0 Mid Ocean Ridges & Basins--The Drifting Sea Floor

[Folder 4]

8.0 Island arcs and trenches

[Folder 5]

9.0 Margins of Splitting Continents

[Folder 6]

11.0 Sea Water

[Folder 7]

12.0 Shorelines and Beaches

[Folder 8]

13.0 Continental Shelves

[Folder 9]

14.0 Continental Slope and Submarine Canyons

[Folder 10]

22.0 Geological History of Ocean Basins

[Box 53]

[Folder 1]

[Third Draft], Outline

[Folder 2]

Progress Charts

[Folder 3]

1.0 Introduction, Scope of the Work

[Folder 4]

2.0 Physiographic Provinces

[Folder 5]

3.0 Plate Tectonics

[Folder 6]

4.0 Sea Water

[Folder 7]

5.0 Spreading Centers

[Folder 8]

6.0 Fracture Zones and Lineations

[Folder 9]

7.0 Mid Ocean Ridges and Basins--The Drifting Sea Floor

[Folder 10]

Fracture Zones, with T. Chase, 1971 [#76]

[Folder 11]

Structure of the Pacific Basin, with G.G. Shor, R.W. Raitt, 1971 [#77]

[Folder 12]

Pattern of Relative Motion from Fracture Zone and Spreading Rate Data in the N.E. Pacific, with J. Francheteau and J.G. Sclater, 1970 [#78]

[Box 54]

[Folder 1]

Magnetic Lineations in the Northeast Pacific, with Tanya Atwater, 1970 [#79]

[Folder 2]

History of Sea-Floor Spreading West of Baja California, with C.G. Chase, R.L. Larson, G.F. Sharman, S.M. Smith, 1970 [#80]

[Folder 3]

Intraplate Splitting and Global Expansion, 1971

[Folder 4]

Crustal Structure of the Melanesian Area, with G.G. Shor, H.K. Kirk, 1971 [#81]

[Folder 5]

The Late Cenozoic History of the Pacific and Indian Ocean Basins, 1971 [#82]

Science: Growth and Change, 1971 [#83]

Growth Rates and Science, 1st version,

[Folder 6]
Chapters 1-2

[Folder 7]
Chapters 3-4

[Folder 8]
Chapters 5-7

[Folder 9]
2nd version, Chapters 1-2

[Folder 10]
Chapters 3-4

[Folder 11]
Chapters 5-7

[Folder 12]
Final Version, Chapters 1-2

[Folder 13]
Chapters 3-4

[Folder 14]
Chapters 5-6

[Folder 15]
Chapter 7

[Folder 16]
Contract and Sales

[Folder 17]
Correspondence, January-May 1970

[Folder 18]
June-December, 1970

[Folder 19]
1971-1972

[Box 55]
[Folder 1]
Seesaw of Science, Requests for Permission to Quote Material

[Folder 2]
Footnotes and Captions

[Folder 3]
1st Version, Chapter 1

[Folder 4]
Chapter 2

[Folder 5]
Chapter 3

[Folder 6]
Chapter 4

[Folder 7]
Chapter 5

[Folder 8]
Chapter 6

[Folder 9]
Chapter 7

[Folder 10]
Chapter 8

[Folder 11]
[Final], Chapter 1

[Folder 12]
Chapter 2

[Folder 13]
Chapter 3

[Folder 14]
Chapter 4

[Folder 15]
Chapter 5

[Folder 16]
Chapter 6

[Folder 17]
Chapter 7-8

[Box 56]
Science: Growth and Change, 1971

[Folder 1]
[Early Draft], To Do

[Folder 2]
Outlines and Plans

[Folder 3]
Preface

[Folder 4]
1.0 Introduction

[Folder 5]
2.0 Measuring [The Growth of Literature]

[Folder 6]
3.0 Growth [of Science]

[Folder 7]
3.1 Astronomy Data

[Folder 8]
3.1 Biology (Genetics, Biochemistry)

[Folder 9]
3.1 Chemistry Data

[Folder 10]
Geology Data, Geology, Marine Geophysics, Oceanography

[Folder 11]
Geology

[Folder 12]
2.5 Growth of Sub-Fields

[Folder 13]
Geomorphology

[Folder 14]
Paleontology

[Folder 15]
3.1 Physics Data

[Folder 16]
Zoology, Botany Data

[Folder 17]
4.0 Population

[Folder 18]
5.0 Papers, Citations

[Folder 19]
6.0 Literature

[Folder 20]
7.0 Education

[Folder 21]
8.0 Government

[Folder 22]
9.0 Science and Society

[Box 57]
[Folder 1]
Third Draft, Chapters 1-2

[Folder 2]
Chapters 3-4

[Folder 3]
Chapters 5-7

[Folder 4]
2.0 Geological Data: History of Geoscience Publications

[Folder 5]
Histories of Learned Societies

[Folder 6]
U.S. Geologists to 1945

[Folder 7]
2.2 Populations

[Folder 8]
3.0 Literature Data, 2.3 Literature

[Folder 9]
Scientific Journals

[Folder 10]
3.2 Productivity

[Folder 11]
4.0 Citations Data

[Folder 12]
Hess

[Folder 13]
R.A. Daly

[Folder 14]
4.8 Age of Citations

[Folder 15]
5.0 Education Data

[Folder 16]
6.0 Government Data

[Folder 17]
State Geological Surveys

[Folder 18]
USGS

[Box 58]
[Folder 1]
7.0 Great Geologists

[Folder 2]
National Academy of Science Membership

[Folder 3]
8.0 Great Geologists, Biographical Sources

[Folder 4]
Life of Science Data, 7.6 Jobs and Salaries

[Folder 5]
[Advertisements]

[Folder 6]
Author, Citations

[Folder 7]
[Correspondence, 1971-1973]

[Folder 8]
Correspondence to Allen Cox, concerning origins of plate tectonics

[Folder 9]
History of Growth, Environmental Sciences

[Folder 10]
Reorganization of Environmental Sciences

[Folder 11]
[Reviews]

[Folder 12]
[Royalty Statements]

[Folder 13]
History of Ocean Basins, 1972 [#84]

[Folder 14]
Citations in a Scientific Revolution, 1972 [#85]

[Box 59]
[Folder 1]
Depth Anomalies and the Bobbing Motion of Drifting Islands, 1973 [#87]

[Folder 2]
Requests mailed, 1973-1974

[Folder 3]
Does Mesozoic Mantle Convection Still Persist? 1973 [#88]

[Folder 4]
Reprints mailed, 1974

[Folder 5]
Epeirogeny and Plate Tectonics, 1973 [#89]

Geology, resources and society, 1974 [#90]

[Folder 6]
Bibliography miscellaneous information

[Folder 7]
Captions

[Folder 8]
Comments of Reviewers, n.d.

[Folder 9]
1973

[Box 60]
[Folder 1]
[Correspondence with Freeman, 1971-1972]

[Folder 2]
Correspondence with Freeman, regarding Illustrations, [1972-1973]

[Folder 3]
Correspondence with Freeman, regarding Permissions, 1972-1973

[Folder 4]
Outline, and Introduction

[Folder 5]
Obsolete Outlines

[Folder 6]
Original Copy of Outline

[Folder 7]
Permissions, not required, 1972-1973

[Folder 8]
Permissions, sent to Freeman, 1972-1973

[Folder 9]
Photo negatives for People's Geology

[Folder 10]
Quotes

[Folder 11]
[Sales and Promotions]

[Folder 12]
Second Reviews, 1972

[Folder 13]
Summary of Questions, [chapters 8-12, 14-19, 1972]

[Folder 14]
Teacher's Guide

[Box 61]

[Folder 1]

1.0 The Planet of Man

[Folder 2]

1.0 Illustrations

[Folder 3]

2.0 Origin and Early History

[Folder 4]

2.0 Illustrations

[Folder 5]

3.0 Visit to a Small Planet

[Folder 6]

3.0 Illustrations

[Folder 7]

4.0 Rocks and Minerals

[Folder 8]

4.0 Illustrations

[Folder 9]

5.0 Plate Tectonics

[Folder 10]

5.0 Illustrations

[Folder 11]
6.0 Continental Drift

[Folder 12]
6.0 Illustrations

[Folder 13]
7.0 Earthquakes and Deformation

[Folder 14]
7.0 Illustrations

[Box 62]
[Folder 1]
8.0 Earthquakes and Society

[Folder 2]
8.0 Illustrations

[Folder 3]
9.0 Vulcanism [Volcanism] and Volcanic Hazards

[Folder 4]
9.0 Illustrations

[Folder 5]
10.0 Air and Water

[Folder 6]
10.0 Illustrations

[Folder 7]
11.0 Climatic Change

[Folder 8]
11.0 Illustrations

[Folder 9]
11.0 Illustrations

[Folder 10]
11.0 Illustrations

[Folder 11]
12.0 Climate and Weather

[Folder 12]
12.0 Illustrations

[Folder 13]
13.0 Weathering and Soil Formation

[Folder 14]
13.0 Illustrations

[Folder 15]
14.0 Unstable Ground

[Folder 16]
14.0 Illustrations

[Box 63]
[Folder 1]
15.0 Sedimentary Cycle, I. on Land

[Folder 2]
15.0 Illustrations

[Folder 3]
16.0 Sedimentary Cycle, II. at Sea

[Folder 4]
16.0 Illustrations

[Folder 5]
17.0 Water

[Folder 6]
17.0 Illustrations

[Folder 7]
18.0 Fuels

[Folder 8]
18.0 Illustrations

[Folder 9]
19.0 Mineral Wealth

[Folder 10]
19.0 Illustrations

[Folder 11]
Appendices

[Folder 12]
Glossary

Scientific Uses of Random Drilling Models, with George Sharman, 1975 [#92]

[Box 64]
[Folder 1]
Correspondence [1975-1977]

[Folder 2]
Data

[Folder 3]
Drafts

[Folder 4]
Origin of Submarine Canyons and Related Features, 1976

[Folder 5]
Exploration History and Random Drilling Models, 1976 [#95]

[Folder 6]
Time, Chance, and the Origin of Manganese Nodules, 1976 [#96]

[Folder 7]
Reprints mailed, 1976-1977

[Folder 8]

Dependence of Depth Anomalies upon Latitude and Plate Motion, with Dorman, 1977, [#97]

[Box 65]

[Folder 1]

Ocean Science: Readings from Scientific American, 1978 [#98]

[Folder 2]

Correspondence, [1976-1982]

[Folder 3]

Fragmentation of the Farallon Plate by Pivoting Subduction, 1978 [#99]

[Folder 4]

Manganese Nodules on the Sea Floor, with J.Z. Frazer, 1978, [#100]

[Folder 5]

Lithospheric Flexure and Uplifted Atolls, 1978, [#101]

[Folder 6]

Very Like a Spear, 1979 [#102]

[Folder 7]

[Lithospheric Flexure and Uplifted Atolls, with M. McNutt, 1978, #103]

[Folder 8]

Dating Northeastern Pacific Seamounts by Relief of Midplate Swells, 1980

[Folder 9]

1981 Chronological Talks

[Box 66]

[Folder 1]

Toward a Rational Strategy for Oil Exploration, 1981 [#105]

[Folder 2]

Toward a Rational Strategy for Oil Exploration, 1981 [#105]

[Folder 3]

Environmental Editorials, 1982

[Folder 4]

1982, Review of Geophysics

[Folder 5]

Evidence for and Consequences of Thermal Rejuvenation, 1982 [#107]

[Folder 6]

Evidence for and Consequences of Thermal Rejuvenation, 1982 [#107]

[Folder 7]

Constraints on Yield Strength, 1981 [#108]

[Folder 8]

Influence of Rainfall upon the Morphology and Distribution of Atolls, 1982 [#109]

[Folder 9]

Influence of Rainfall upon the Morphology and Distribution of Atolls, 1982 [#109]

[Box 67]

[Folder 1]

Insular erosion, isostasy & subsidence, 1982 [#110]

[Folder 2]

Jordan-me, 1982, Echograms and # of Seamounts [#111]

[Folder 3]

Propagating Transforms, Crenelate Ridges, 1984 [#112]

[Folder 4]

Propagating Transforms, Crenelate Ridges, 1984 [#112]

[Folder 5]

Origin of Guyots: the Beagle to Seabeam [#113]

[Folder 6]

"SMT" Lamont, November 1982

[Folder 7]

Darwin Reprise, ca.1984 [#114]

[Folder 8]

University of Oklahoma Lecture, 1985

Ocean of Truth, 1986, [#115]

[Box 68]

[Folder 1]

Award Winners, 1982-1985

[Folder 2]

Notes on Interviews, 1983-1984

[Folder 3]

Quotes

[Folder 4]

Requests for Biography, 1984-1985

[Folder 5]

Miscellaneous Biographies

[Folder 6]

Miscellaneous Biographies

[Folder 7]

Miscellaneous Biographies

[Folder 8]

Miscellaneous Biographies

[Folder 9]

Atwater [correspondence, 1969]

[Folder 10]

Bullard [Memorial, 1984]

[Folder 11]

Bullard reprints

[Folder 12]

Clem Chase, 1984

[Folder 13]
Alan Coude, 1984-1985

[Folder 14]
Cox, 1973

[Folder 15]
Dickenson

[Folder 16]
Dietz

[Folder 17]
Elsasser, 1967-1970

[Folder 18]
Ewing-Heezen Controversy

[Folder 19]
Ewing

[Folder 20]
John Ewing

[Box 69]
[Folder 1]
R.L. Fisher, 1984

[Folder 2]
Gilluly, 1966-1970

[Folder 3]
Griggs, 1966-1972

[Folder 4]
W. Hamilton, 1984

[Folder 5]
Denny Hayes, 1984

[Folder 6]
Heezen, 1957-1984

[Folder 7]
Heezen

[Folder 8]
Heezen

[Folder 9]
Heezen

[Folder 10]
Heezen

[Folder 11]
Heezen

[Folder 12]
Heezen

[Folder 13]

Heezen

[Box 70]

[Folder 1]

Heezen

[Folder 2]

Heezen ["Marie Tharp" Heezen and Worzel transcripts; Frankel correspondence]

[Folder 3]

Heirtzler, 1966-1972

[Folder 4]

Hess, 1955-1966, 1984

[Folder 5]

Isaacs, 1972

[Folder 6]

Dan Karig, 1984

[Folder 7]

Roger Larson, 1984

[Folder 8]

Mason-Raff, 1969, 1984

[Folder 9]

Matthews, 1961-1984

[Folder 10]
Maxwell, 1972

[Folder 11]
McDougall, 1973

[Folder 12]
McKenzie, 1968-1976

[Folder 13]
Menard, 1968-1969

[Folder 14]
Art Meyerhoff, 1984

[Folder 15]
Molnar, 1972

[Folder 16]
Morgan, 1969-1982

[Folder 17]
Morley, 1971, 1984

[Folder 18]
J. Oliver, 1972

[Folder 19]
Orowan, 1967

[Folder 20]
[George] Peter, 1966-1969

[Folder 21]
Pitman, 1968-1972

[Folder 22]
D. Scholl, 1984

[Folder 23]
Sclater, 1968-1983

[Folder 24]
Sykes, 1984

[Folder 25]
Talwani, 1984

[Box 71]
[Folder 1]
Vening Meinesz, 1961-1963

[Folder 2]
Vine, 1972

[Folder 3]
Wegener

[Folder 4]
Wilson, 1955-1984

[Folder 5]
t 1/2 outline, 1984

[Folder 6]
1956-1960, f.z.

[Folder 7]
Belousov, 1984

[Folder 8]
Background

[Folder 9]
Changes in Spreading, 1970

[Folder 10]
[Correspondence, 1984-1985]

[Folder 11]
[Figures, negatives]

[Folder 12]
History of Geology, A-E

[Folder 13]
A-E, Andree, K., Geology of the Sea Floor

[Folder 14]
F-O

[Folder 15]

Merton

[Folder 16]

Price

[Folder 17]

P-S

[Folder 18]

T-Z

[Folder 19]

[Illustrations]

[Box 72]

[Folder 1]

Magnetic Bight

[Folder 2]

Photos, Figures

[Folder 3]

Lamont

[Folder 4]

People

[Folder 5]

SIO

[Folder 6]
Processed Figures

[Folder 7]
Reprints received and sent

[Folder 8]
Working Xerox's

[Folder 9]
The Ocean of Truth, Outlines, Schedules,

1983-1984

[Folder 10]
Literature Search, 1964

[Folder 11]
Chapters 1-3

[Folder 12]
Chapters 4-9

[Folder 13]
Chapters 10-16

[Box 73]
[Folder 1]
Current Chapters [18-epilogue]

[Folder 2]
Chapter 1, Drafts and Data

[Folder 3]
Chapter 2, Drafts and Data

[Folder 4]
Chapter 3, Drafts and Data

[Folder 5]
Chapter 4, Drafts and Data

[Folder 6]
Chapter 5, Drafts and Data

[Folder 7]
Chapter 6, Drafts and Data

[Folder 8]
Chapter 7, Drafts and Data

[Folder 9]
Chapter 8, Drafts and Data

[Box 74]
[Folder 1]
Chapter 9, Drafts and Data

[Folder 2]
Chapter 10, Drafts and Data

[Folder 3]
Chapter 11, Drafts and Data

[Folder 4]
Chapter 12, Drafts and Data

[Folder 5]
Chapter 13, Drafts and Data

[Folder 6]
Chapter 14, Drafts and Data

[Folder 7]
Chapter 15, Drafts and Data

[Folder 8]
Chapter 16, Drafts and Data

[Folder 9]
Chapter 17, Drafts and Data

[Folder 10]
Chapter 18, Drafts and Data

[Folder 11]
Chapter 19, Drafts and Data

[Box 75]
[Folder 1]
Chapter 20, Drafts and Data, 1966, 1984

[Folder 2]
Chapter 21, Drafts and Data

[Folder 3]
Epilogue

[Folder 4]
Chapter 22, Drafts and Data

[Folder 5]
Conclusions, Data

[Folder 6]
Chronology

[Folder 7]
The Ocean of Truth, Book Reviews, 1986-1988

Islands, 1986

[Folder 8]
Correspondence, 1978-August 1985

[Folder 9]
September 1985-1986

[Folder 10]
Outlines, n.d.

[Folder 11]
Preface

[Folder 12]
Chapter 1, Finding Islands

[Folder 13]
Data

[Folder 14]
Figures

[Box 76]
[Folder 1]
Chapter 2, Plate Tectonics

[Folder 2]
Data

[Folder 3]
Figures

[Folder 4]
Chapter 3, Origin and Distribution

[Folder 5]
References, Sources

[Folder 6]
Chapter 4, Sea Level

[Folder 7]
References and Data

[Folder 8]
Figures

[Folder 9]
Chapter 5, Growth

[Folder 10]
References and Data

[Folder 11]
References and Data

[Folder 12]
Figures

[Folder 13]
Chapter 6, Islands without Coral

[Folder 14]
Data

[Folder 15]
Chapter 7, Islands with Coral

[Folder 16]
Data

[Box 77]
[Folder 1]
Chapter 8, Midplate Interactions

[Folder 2]
References and Data

[Folder 3]
References

[Folder 4]
Chapter 9, Subduction

[Folder 5]
References and Data

[Folder 6]
Chapter 10, Island Life

[Folder 7]
References and Data

[Folder 8]
References and Data

SLIDES

[slide_cabinet Slide drawer]
Slides

LANTERN SLIDES AND NEGATIVES

[Box 80]
Lantern Slides

[Box 81]
Negatives

[Box 82]
Negatives

[Box 83]
Negatives

[Box 84]
Negatives

[Box 85]
Negatives