



# Smithsonian

*Institution Archives*

Records, 1930-1932, 1937-1984 and  
undated, with related records from 1882

Finding aid prepared by Smithsonian Institution Archives

Smithsonian Institution Archives  
Washington, D.C.  
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## Collection Overview

<b>Repository:</b>	Smithsonian Institution Archives, Washington, D.C., <a href="mailto:osiaref@si.edu">osiaref@si.edu</a>
<b>Title:</b>	Records
<b>Date:</b>	1930-1932, 1937-1984 and undated, with related records from 1882
<b>Identifier:</b>	Record Unit 328
<b>Creator:</b>	National Museum of Natural History. Department of Paleobiology
<b>Extent:</b>	17.56 cu. ft. (35 document boxes) (1 folder oversize material)
<b>Language:</b>	English

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## Administrative Information

### Preferred Citation

Smithsonian Institution Archives, Record Unit 328, National Museum of Natural History.  
Department of Paleobiology, Records

### Access Restriction

Correspondence A-J in series 10 is missing.

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## Chronology

1930	Ray S. Bassler appointed head curator, Department of Geology
1938	C. W. Gilmore, curator of Vertebrate Paleontology, discovers skeleton of a large sauropod dinosaur of the family Titanosauridae, the first of its kind found in North America
1948	William F. Foshag appointed head curator, Department of Geology
1954	Treatise on Invertebrate Paleontology begun
1956	William F. Foshag dies; G. Arthur Cooper appointed head curator, Department of Geology
1957	United States National Museum divided into National Museum of Natural History and the National Museum of History and Technology
June 3, 1961	Hall of Fossil Plants and Invertebrate Animals; Hall of Fossil Fishes, Amphibians, and Primitive Reptiles; and Hall of Age of Mammals in North America opened
1962	Oceanography Program begun
1962-1963	Moved to office space in East Wing of the Natural History Building
October 15, 1963	Department of Geology divided into Departments of Mineral Science and Paleobiology. G. Arthur Cooper appointed chairman of Department of Paleobiology

<i>June 25, 1963</i>	Hall of Dinosaurs and Other Reptiles opened
<i>1963</i>	Program of International Paleobiology (PIP) formulated
<i>1966</i>	Scanning Electron Microscope installed in department
<i>1967</i>	Advisory Committee Review of Department of Paleobiology
<i>1967</i>	Porter M. Kier appointed chairman, Department of Paleobiology
<i>1968</i>	Conference between staff of the Department of Paleobiology and both the Institute of Paleozoology of the Polish Academy of Sciences and the Paleontology Department at the University of Warsaw
<i>1972</i>	Richard E. Grant appointed chairman, Department of Paleobiology
<i>1977</i>	Martin A. Buzas appointed chairman, Department of Paleobiology
<i>1982</i>	Advisory Committee Review of Department of Paleobiology
<i>1982</i>	Ian G. Macintyre appointed chairman, Department of Paleobiology
<i>May 16, 1983</i>	Museum Support Center opened

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## Historical Note

The paleontological collections of the United States National Museum (USNM) were located in the Department of Geology, from its creation in 1880 until its dissolution in 1963. The Department of Geology had three divisions devoted to paleontology: Vertebrate Paleontology, Invertebrate Paleontology, and Paleobotany. The Department of Geology was led by Ray S. Bassler as head curator between 1930-1948. He was succeeded by William H. Foshag, 1948-1956, and G. Arthur Cooper, 1957-1963.

The Department of Paleobiology was created in the National Museum of Natural History (NMNH) on October 15, 1963, with the division of the former Department of Geology into two departments: Paleobiology and Mineral Sciences. The Department of Paleobiology was organized into three divisions: Paleobotany, Invertebrate Paleontology, and Vertebrate Paleontology. G. Arthur Cooper assumed the chairmanship for the department with Francis M. Hueber, Richard S. Boardman, and Charles Lewis Gazin appointed as division heads, respectively. Cooper was succeeded as chairman by Porter M. Kier, 1967-1972, Richard E. Grant, 1972-1977, Martin A. Buzas, 1977-1982, and Ian G. Macintyre, 1982- .

The annual report for 1964 noted two reasons for the division. First, the character and administrative needs of departmental practitioners of mineral sciences and paleobiology were recognized as obstructions to productive research. With their divergent activities, difficulties arose regarding the fair allocation of resources and administrative responsibilities. In addition, the emphasis in the field of paleontology began shifting away from the use of fossils for stratigraphic and geological applications to a study of the biological aspects of fossils. Zoological or botanical training became a significant addition to geological training. By using the term "paleobiology" to denote departmental activities, the institution recognized this shift toward reconstructing and interpreting paleoenvironments.

The establishment of a separate Department of Paleobiology provided the necessary impetus for further growth in the field of paleontology at the Smithsonian. In 1933, five curatorial positions were devoted to paleontological collections: Ray S. Bassler (invertebrates), G. Arthur Cooper (invertebrates), Charles Lewis Gazin (vertebrates), Charles W. Gilmore (vertebrates), and Charles E. Resser (invertebrates). In 1948, following the end of the Second World War, the staff numbered six including: Ray S. Bassler, Arthur L. Bowsher, G. Arthur Cooper, David H. Dunkle, Charles Lewis Gazin, and Alfred R. Loeblich, Jr. The department continued to grow, numbering nine in 1963 (R. S. Boardman, Porter M. Kier, Richard Cifelli, E. G. Kauffman, Francis M. Hueber, Martin A. Buzas, Charles Lewis Gazin, David H. Dunkle, and Nicholas Hotton III) and nineteen in 1984 (Walter H. Adey, Anna K. Behrensmeyer, Richard H. Benson, Richard S.

Boardman, Martin A. Buzas, Alan H. Cheetam, Richard Cifelli, Robert J. Emry, Richard E. Grant, Nicholas Hotton III, Francis M. Hueber, Porter M. Kier, Kenneth M. Towe, Ian G. Macintyre, James F. Mello, Jack W. Pierce, Clayton E. Ray, Daniel J. Stanley, and Thomas R. Waller).

Research on the national paleontological collections is also conducted by paleontologists from the United States Geological Survey (USGS). Researchers from both organizations have always maintained close working relationships, and this is documented in the files.

The growth of both the staff and the collections placed a strain on museum facilities. This problem was temporarily relieved with the opening of the East Wing of the Natural History Building in 1962, and the Museum Support Center in 1983. Even with these additions, space allocation and staff positions always fell short of what was needed. Outside reviews of its programs in both 1967 and 1982 also emphasized these problems.

In the 1960s, the paleontological exhibit halls underwent extensive renovation as part of the museum Exhibits Modernization Program. In 1966, modern research was facilitated by the acquisition of a Scanning Electron Microscope.

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## Introduction

The Archives would like to thank Frederick J. Collier and Martin A. Buzas for their assistance in the transfer of these records to the Archives.

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## Descriptive Entry

The Chairman's Files, Department of Paleobiology, Records, represent the administrative history of both the last fifteen years of the Department of Geology and the first ten years of the Department of Paleobiology after the Department of Geology was divided into two separate departments. This collection provides strong documentation of research, reviews of the departments, the Exhibits Modernization Program, and the construction of the East Wing of the Natural History Building and the Museum Support Center. Although the records primarily document the activities of the National Museum of Natural History (NMNH), documentation relating to the close relationship with scientists in the United States Geological Survey (USGS) is also included.

Series 1, 2, and 3 contain administrative documents for the Departments of Geology and Paleobiology, including annual reports (1963-1982), budget requests and plans of operation (1963-1984), and research progress reports written by staff members (1963-1980). Memoranda and management reports are also included in these series, providing more detailed information on certain requests and reports. In addition, series 8 contains administrative correspondence for the Department of Paleobiology between various institutional officers and department personnel. It is worthy to note that the quantity of material documenting the Department of Geology is substantially less than for the Department of Paleobiology and documentation of daily activity is much more sparse.

The chairman's administrative files for the Department of Paleobiology contained in series 5 provide a more detailed view of the department. This division includes administrative memoranda, incoming and outgoing correspondence, and general records. Although these documents span the twenty year period of the departmental records, a separate set of administrative and institutional files was maintained that represents administrative and institutional activities only during the tenure of Martin A. Buzas as chairman between 1977 and 1982. These files can be found in series 6.

Series 4 consists of research proposals and grant allotments for the staff of both departments. The files document proposals both within the Smithsonian and to outside funding agencies. These files also provide documentation of the types of research undertaken by the scientists during a twenty year time period.

Subject files from the Departments of Geology and Paleobiology are found in series 7. These files contain information about specific aspects and activities of the departments as well as institutional activities relevant to the departments. Significant affiliations between the departments and the Paleontology and Stratigraphy Branch of the USGS are represented in these files, as well as detailed documentation of the construction of the East Wing of the National History Building and the Museum Support Center. Also included is documentation of the symposium between the Department of Paleobiology and the Institute of Paleozoology of the Polish Academy of Sciences and the Paleontology Department of the University of Warsaw, held in Poland during August and September of 1968.

All divisions within the Departments of Geology and Paleobiology are represented in annual reports, research progress reports, and budget requests. However, series 9 and 10 contain the correspondence and subject files for the Division of Invertebrate Paleontology and Paleobotany (Department of Geology) and therefore, provide detailed documentation of this division's activities. The correspondence includes both public and professional inquiries; however, only correspondence files for correspondents beginning with letters between K and Z have survived. Of special interest are the nineteenth century correspondence between David Starr Jordan and Gardiner Greene Hubbard and the substantial amount of correspondence documenting the early career of G. Arthur Cooper. Records for the Division of Vertebrate Paleontology can be found in Record Units 156 and 248. Field notes, manuscripts, and photographs for the Divisions of Vertebrate and Invertebrate Paleontology and Paleobotany can be found in Record Unit 7264.

Series 11 contains museum exhibition scripts and provides extensive documentation of the development of the new paleontology halls as part of the Exhibits Modernization Program during the early 1960s. Committee reports and plans documenting another exhibit renovation plan undertaken in the 1970s can also be found in this series.

Series 12 contains blueprints and mechanical drawings for items constructed for the Departments of Geology and Paleontology. Of special interest are drawings of a sink constructed for G. Arthur Cooper for the acid-etching program he began at the museum. Please note that the documents contained in this series are housed off-site, and it is recommended that researchers make prior arrangements with the reference staff when requesting this material.

Additional information about the Department of Paleobiology can be found in Record Unit 7318, the G. Arthur Cooper Papers, 1904-1987, 1993, with related material from 1865-1892 and Record Unit 84, Department of Geology, Biographical File.

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## Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

### Subjects:

- Museum exhibits
- Museums -- Collection management
- Paleobiology
- Paleontologists

### Types of Materials:

- Architectural drawings
- Floor plans
- Illustrations
- Manuscripts

### Names:

- A. Remington Kellogg Memorial Fund
- Boardman, Richard S.

Buzas, Martin A.  
Cooper, G. Arthur (Gustav Arthur), 1902-2000  
Geological Survey (U.S.). Branch of Paleontology and Stratigraphy  
Grant, Richard E., 1927-1994  
Kier, Porter M.  
Macintyre, Ian G.  
National Museum of Natural History (U.S.). Department of Mineral Sciences  
Smithsonian Institution. Museum Support Center  
United States National Museum. Department of Geology  
United States National Museum. Division of Invertebrate Paleontology and Paleobotany  
United States National Museum. Division of Mineralogy and Petrology  
United States National Museum. Division of Vertebrate Paleontology  
United States National Museum. Exhibits Modernization Program

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## Container Listing

### Series 1: ANNUAL REPORTS, DEPARTMENTS OF GEOLOGY AND PALEOBIOLOGY, 1948-1974, 1978-1982

Note: This series contains annual reports for the Department of Geology, 1948-1963, and the Department of Paleobiology, 1963-1974 and 1978-1982. Annual reports were submitted yearly by the department to the Secretary of the Smithsonian Institution. Unless otherwise specified, each annual report contains an overview for the entire department followed by reports for the separate divisions within the department. In some cases, divisional and departmental reports are missing. Divisions within the Department of Geology include Vertebrate Paleontology, Mineralogy and Petrology, and Invertebrate Paleontology and Paleobotany. Department of Paleobiology divisions include Paleobotany, Invertebrate Paleontology, and Vertebrate Paleontology. Each annual report contains summaries of staff changes, exhibition projects, accessions, research, care of collections, and publications undertaken during the fiscal year. Some annual reports also include management reports and related memoranda. The reports are arranged chronologically and were separated from other series during archival processing.

#### Box 1

Box 1 of 35	Folder 1 Annual Report for Fiscal Year 1948-1949
Box 1 of 35	Folder 2 Annual Report for Fiscal Year 1949-1950
Box 1 of 35	Folder 3 Annual Report for Fiscal Year 1950-1951
Box 1 of 35	Folder 4 Annual Report for Fiscal Year 1951-1952
Box 1 of 35	Folder 5 Annual Report for Fiscal Year 1952-1953. Reports for the Divisions of Invertebrate Paleontology and Paleobotany are missing.
Box 1 of 35	Folder 6 Annual Report for Fiscal Year 1953-1954
Box 1 of 35	Folder 7 Annual Report for Fiscal Year 1954-1955
Box 1 of 35	Folder 8 Annual Report for Fiscal Year 1955-1956
Box 1 of 35	Folder 9 Annual Report for Fiscal Year 1956-1957
Box 1 of 35	Folder 10 Annual Report for Fiscal Year 1957-1958
Box 1 of 35	Folder 11 Annual Report for Fiscal Year 1958-1959. Report for the Division of Mineralogy and Petrology is missing.
Box 1 of 35	Folder 12 Annual Report for Fiscal Year 1959-1960
Box 1 of 35	Folder 13 Annual Report for Fiscal Year 1960-1961



Box 1 of 35	Folder 14 Annual Report for Fiscal Year 1961-1962
Box 2	
Box 2 of 35	Folder 1 Annual Report for Fiscal Year 1962-1963
Box 2 of 35	Folder 2 Annual Report for Fiscal Year 1963-1964
Box 2 of 35	Folder 3 Annual Report for Fiscal Year 1964-1965. Only Division of Invertebrate Paleontology report is present.
Box 2 of 35	Folder 4 Annual Report for Fiscal Year 1965-1966
Box 2 of 35	Folder 5 Annual Report for Fiscal Year 1966-1967. Only Division of Invertebrate Paleontology report is present.
Box 2 of 35	Folder 6 Annual Report for Fiscal Year 1967-1968. Reports from all divisions are missing.
Box 2 of 35	Folder 7 Annual Report for Fiscal Year 1968-1969. Contains no completed reports; includes memoranda and preliminary data sheets.
Box 2 of 35	Folder 8 Annual Report for Fiscal Year 1969-1970. Includes galley proofs of entry for Smithsonian Year 1970. Also contains notes for department and divisions annual reports. Completed reports are missing.
Box 2 of 35	Folder 9 Annual Report for Fiscal Year 1970-1971. Reports for all divisions are missing.
Box 2 of 35	Folder 10 Annual Report for Fiscal Year 1971-1972. Reports for all divisions are missing.
Box 2 of 35	Folder 11 Annual Report for Fiscal Year 1972-1973. Reports for all divisions are missing.
Box 2 of 35	Folder 12 Annual Report for Fiscal Year 1973-1974. Contains only accession statistics. Reports for departments and divisions are missing.
Box 2 of 35	Folder 13 Annual Report for Fiscal Year 1977-1978
Box 2 of 35	Folder 14 Annual Report for Fiscal Year 1978-1979
Box 2 of 35	Folder 15 Annual Report for Fiscal Year 1979-1980
Box 2 of 35	Folder 16 Annual Report for Fiscal Year 1980-1981
Box 2 of 35	Folder 17 Annual Report for Fiscal Year 1981-1982

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## Series 2: BUDGET ESTIMATES AND PLANS OF OPERATION, DEPARTMENTS OF GEOLOGY AND PALEOBIOLOGY, 1950-1977, 1979-1984

Note: This series consists of formal plans of operation and budget requests for the Departments of Geology and Paleobiology. Departmental copies of these requests and plans are arranged chronologically; however, some are missing. Plans of operation document the goals of administrators and individual researchers, and budgets document departmental and divisional requests for appropriations. In addition, incoming, outgoing, and internal memoranda add more detailed documentation to the time and money allocation processes. It is worthy to note that as longer range projections came into use, allocations for programs began to be spread across several fiscal years. This is especially evident in requests during the 1960s and 1970s. Also significant is the increased level of detail and sophistication in the requests during this later period.

### Box 2

Box 2 of 35	Folder 18 Budget estimate and Plan of Operation, 1950-1951
Box 2 of 35	Folder 19 Budget estimate and second quarter summary, 1951-1952
Box 2 of 35	Folder 20 Budget estimate and second quarter summary, 1952-1953
Box 2 of 35	Folder 21 Plan of Operation, 1953-1954
Box 2 of 35	Folder 22 Plan of Operation, 1954-1955
Box 2 of 35	Folder 23 Budget estimate and Plan of Operation, 1955-1956
Box 2 of 35	Folder 24 Plan of Operation and notes on needs justification, 1956-1957
Box 2 of 35	Folder 25 Plan of Operation, 1957-1958
Box 2 of 35	Folder 26 Budget, 1958-1959
Box 2 of 35	Folder 27 Budget estimate and Plan of Operation, 1959-1960. Includes notes on budget for 1961.

### Box 3

Box 3 of 35	Folder 1 Plan of Operation, 1960-1961
Box 3 of 35	Folder 2 Time distribution estimates, 1960
Box 3 of 35	Folder 3 Plan of Operation, 1961-1962. Includes notes on budget for 1963.
Box 3 of 35	Folder 4 Plan of Operation, 1962-1963. Includes notes on budget for 1964, fiscal estimates for 1965-1968, personnel estimates for 1964-1967, and statement regarding authorized positions for 1960.

Box 3 of 35	Folder 5 Plan of Operation, 1963-1964. Includes notes on budget for 1965.
Box 3 of 35	Folder 6 Plan of Operation, 1964-1965. Includes notes on budget for 1966.
Box 3 of 35	Folder 7 Budget outline, plan of operation, and needs, 1965-1966. Includes extensive notes on travel requirements.
Box 3 of 35	Folder 8 Budget estimate and Plan of Operation 1966-1967
Box 3 of 35	Folder 9 Budget and travel allotments and requests, 1967-1968
Box 3 of 35	Folder 10 Budget and travel allotments and requests, 1968-1969
Box 3 of 35	Folder 11 Budget material, 1969-1970. Includes long range budget estimates.
Box 3 of 35	Folder 12 Budget material, 1970-1971
Box 3 of 35	Folder 13 Budget material, 1971-1972. Includes project descriptions.
Box 3 of 35	Folder 14 Budget statement, 1972-1973
Box 3 of 35	Folder 15 Budget statement, 1973-1974
Box 3 of 35	Folder 16 Budget for Oceanography Program, circa 1965. Includes brochure for the Smithsonian Oceanographic Sorting Center, Washington, D.C., and memoranda relating to operation of the program. See also: Congressional Hearings, Box 15, Folder 8.
Box 3 of 35	Folder 17 Budget, 1972, 1976, 1979-1984. Includes miscellaneous memoranda referring to Fiscal Years 1972, 1977, 1979-1984.

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## Series 3: RESEARCH PROGRESS REPORTS, DEPARTMENT OF GEOLOGY, 1948-1963

Note: This series contains annual and quarterly status reports documenting research projects undertaken within the Department of Geology. These reports were submitted by individual investigators to the Secretary of the Smithsonian Institution as official descriptions of staff activities. Each division and the department as a whole also reported on progress toward previously stated goals. In 1950, a standardized format was adopted. Thereafter, each report included comments regarding research objectives, importance of project, methods used, present status, and new lines of research. The reports in this series are arranged chronologically. It is important to note that progress reports for the Department of Paleobiology are not present; however, these documents can be found in other series, especially Box 19, Folders 16-18, and Box 21, Folder 4.

### Box 4

Box 4 of 35	Folder 1 Research Objectives, general file. Contains recommendations regarding the research environment and material relating to Research Opportunities, 1965-1966 brochure.
Box 4 of 35	Folder 2 Research Progress Report, 1948
Box 4 of 35	Folder 3 Research Progress Report, 1949
Box 4 of 35	Folder 4 Research Progress Report, 1950. Includes several Quarterly Reports on Research Progress.
Box 4 of 35	Folder 5 Research Progress Report, 1951. Includes several Quarterly Reports on Research Progress.
Box 4 of 35	Folder 6 Research Progress Report, 1952. Includes several Quarterly Reports on Research Progress.
Box 4 of 35	Folder 7 Research Progress Report, 1953. Includes reprint of "President's Research Board--Notes on Definitions of Research," 1947, and "Remarks by Mr. C. G. Gant Relative to NSF Studies of Govt. Research and Development...", 1954.
Box 4 of 35	Folder 8 Research Progress Report, 1954
Box 4 of 35	Folder 9 Research Progress Report, 1955
Box 4 of 35	Folder 10 Research Progress Report, 1956
Box 4 of 35	Folder 11 Research Progress Report, 1957
Box 4 of 35	Folder 12 Research Progress Report, 1958
Box 4 of 35	Folder 13 Research Progress Report, 1959

Box 4 of 35 Folder 14 Research Progress Report, 1960

Box 4 of 35 Folder 15 Research Progress Report, 1961

Box 4 of 35 Folder 16 Research Progress Report, 1962

Box 4 of 35 Folder 17 Research Progress Report, 1963. See also: Notice of Research Project, Box 19, Folders 16-18, and Research and Publications, Box 22, Folder 20.

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## Series 4: RESEARCH PROPOSALS, 1957-1980 AND UNDATED

Note: This series consists of grant proposals submitted by investigators within the Departments of Geology and Paleobiology to the Smithsonian and outside funding agencies, such as the National Science Foundation. As a matter of policy, staff submitted copies of proposals for approval by the department chairman. This series has been artificially created in processing, and the proposals were gathered from the entire record unit. They are arranged alphabetically by their principal investigator, and chronologically within each investigator's set. Please note that only principal investigators are listed, and the date assigned to each proposal represents the proposed date of initiation for each project. Few folders contain material other than the proposal itself, thus no data on the success of the request is present. Also present are files on the Smithsonian Research Awards Committee and the National Science Foundation.

Box 4	
Box 4 of 35	Folder 18 Adey, Walter H., 1967, "Systematics and ecological investigations on the crustose corallines of the North Atlantic: Eastern temperate-boreal sector"
Box 4 of 35	Folder 19 Adey, Walter H., 1967, "Systematics and ecological investigations on the crustose corallines of the North Atlantic: Eastern temperate-subtropical sector"
Box 4 of 35	Folder 20 Adey, Walter H., 1968, "Systematic and ecological investigations on the crustose corallines of the North Atlantic"
Box 4 of 35	Folder 21 Adey, Walter H., 1970, "Investigations of the crustose corallines of the tropical North Atlantic, Caribbean Sea, and Gulf of Mexico"
Box 4 of 35	Folder 22 Adey, Walter H., 1971, "The biosystematics and ecology of the crustose corallines of the tropical Atlantic, Caribbean, and Gulf of Mexico"
Box 4 of 35	Folder 23 Adey, Walter H., 1974, "Development of a monograph treating the biosystematics and ecology of crustose corallines of the North Atlantic Ocean, arctic to tropics"
Box 4 of 35	Folder 24 Adey, Walter H., 1975, "Scale modeling a coral reef ecosystem"
Box 4 of 35	Folder 25 Adey, Walter H., 1978, "Coral reefs as systems of organic and carbonate productivity"
Box 4 of 35	Folder 26 Adey, Walter H., 1978, "A living coral reef as a tool for public education in ecological principles"
Box 4 of 35	Folder 27 Adey, Walter H., 1979, "Ecological systems analysis of a post climax Caribbean reef"
Box 4 of 35	Folder 28 Adey, Walter H., 1979, "Fluid research support for a radioecologic study of nitrogen cycling in the SI reef/lagoon microcosm"

Box 4 of 35	Folder 29 Adey, Walter H., 1967-1979. Consists of miscellaneous memoranda relating to research projects.
Box 5	
Box 5 of 35	Folders 1-2 Benson, Richard H., 1964-1978. Consists of travel vouchers, itineraries, and requisition forms. Includes memoranda discussing research funds and material relating to purchase of a scanning electron microscope, 1968, and the purchase of a research vessel, the Ellida, 1966.
Box 5 of 35	Folder 3 Benson, Richard H., 1964-1966, "Ostracoda of the Indian Ocean"
Box 5 of 35	Folder 4 Benson, Richard H., 1968, "Structural adaptation in abyssal ostracodes"
Box 5 of 35	Folder 5 Benson, Richard H., 1969, "The fossil ostracodes of the Joides cores"
Box 5 of 35	Folder 6 Benson, Richard H., 1969, "Continuation of the study, 'Structural adaptation in abyssal ostracodes'"
Box 5 of 35	Folder 7 Benson, Richard H., 1972, "Structural adaptation in abyssal ostracodes" (continued)
Box 5 of 35	Folder 8 Benson, Richard H., 1973, "The effect of the 'salinity crisis' on Miocene Tethys-Mediterranean microfaunas: a discussion session at the Vie African Micropaleontologie Colluque (Tunis, April, 1974)"
Box 5 of 35	Folder 9 Benson, Richard H., 1974, "Numerical study of Tethyan ostracode evolution"
Box 5 of 35	Folder 10 Benson, Richard H., 1978, "Paleoecology and crises in Atlantic 'deep-sea' circulation"
Box 5 of 35	Folder 11 Benson, Richard H., 1979, "Paleoecology and crises in Atlantic 'deep-sea' circulation" (continued)
Box 5 of 35	Folder 12 Benson, Richard H., undated, Consists of research report, "The ostracodes of Rita Blanca lake beds."
Box 5 of 35	Folder 13 Boardman, Richard S., 1959-1962, "Revision of the genera of Paleozoic bryozoa," and "Oldest fossil bryozoa of the United States and their correlation with Europe faunas." Includes draft of proposals and related correspondence. Also includes correspondence between Boardman and department while Boardman was in the field.
Box 5 of 35	Folder 14 Boardman, Richard S., 1965, "The oldest fossil Bryozoa of the United States"

Box 5 of 35	Folder 15 Boardman, Richard S., 1967, "Revision of the bryozoa chapter of the Treatise on Invertebrate Paleontology," with Alan H. Cheetham
Box 5 of 35	Folder 16 Boardman, Richard S., 1969, "The use of intraclonal variability in the recognition of evolutionary patterns of Bryozoa," with Alan H. Cheetham
Box 5 of 35	Folder 17 Boardman, Richard S., 1970, "Mode and fundamental nature of colonial growth in tubular Bryozoa"
Box 5 of 35	Folder 18 Boardman, Richard S., 1966-1975. Consists of requisitions and memoranda.
Box 5 of 35	Folder 19 Buzas, Martin A., 1970, "Systematic and ecology: benthonic Recent and fossil oceanic Foraminifera and estuarine Foraminifera and bivalves," with Richard Cifelli
Box 5 of 35	Folder 20 Buzas, Martin A., 1970, "Ecological studies of Foraminifera," with Richard Cifelli
Box 5 of 35	Folder 21 Buzas, Martin A., 1970, "Ecology of Mediterranean Foraminifera," with Richard Cifelli
Box 5 of 35	Folder 22 Cheetham, Alan H., 1967, "Functional morphology of Danian cheilostome Bryozoa." Includes later revision.
Box 5 of 35	Folder 23 Cheetham, Alan H., 1970, "Evolution of polymorphism in cheilostome Bryozoa"
Box 5 of 35	Folder 24 Cheetham, Alan H., 1966-1980. Contains office memoranda, requisitions, and several short progress reports.
	Cheetham, Alan H., see also Boardman, Richard S. Summary: Cheetham, Alan H., see also Boardman, Richard S.
Box 5 of 35	Folder 25 Cifelli, Richard, 1965, "The distribution of planktonic Foraminifera in the North Atlantic"
Box 5 of 35	Folder 26 Cifelli, Richard, 1967, "North and Equatorial Atlantic planktonic Foraminifera"
Box 5 of 35	Folder 27 Cifelli, Richard, 1968. Consists of request for support of research on Atlantic planktonic Foraminifera.
Box 5 of 35	Folder 28 Cifelli, Richard, 1969, "Studies in ecology-- paleoecology of benthonic and planktonic Foraminifera"
Box 5 of 35	Folder 29 Cifelli, Richard, 1965-1970. Contains memoranda and travel vouchers.



Cifelli, Richard, see also Buzas, Martin A.

Summary: Cifelli, Richard, see also Buzas, Martin A.

Box 5 of 35	Folder 30 Cooper, G. Arthur, 1966, "Correlation of the Cedar Valley formation of Illinois, Iowa, and Missouri"
Box 5 of 35	Folders 31-32 Cooper, G. Arthur, 1966-1974. Contains material relating to grants.
Box 5 of 35	Folder 33 Dunkle, David H., 1966, "Paleontologic and geologic investigation of marine Eocene fishes on the Zinda Pir anticline, Dera Ghazi Khan District, West Pakistan"

#### Box 6

Box 6 of 35	Folder 1 Emry, Robert J., 1972, "Lithostratigraphy and mammalian biostratigraphy of the Oligocene of Wyoming, Nebraska, and South Dakota"
Box 6 of 35	Folder 2 Emry, Robert J., 1976, "Lithostratigraphy and mammalian biostratigraphy of the Oligocene of Wyoming, Nebraska, and South Dakota" (continued)
Box 6 of 35	Folder 3 Emry, Robert J., 1977, "Contributions to the development of a North American Oligocene mammal biochronology"
Box 6 of 35	Folder 4 Emry, Robert J., 1973 and 1979. Consists of expense records and office memoranda.
Box 6 of 35	Folder 5 Grant, Richard E., 1972, "Tethyan brachiopods of the Permian period"
Box 6 of 35	Folder 6 Grant, Richard E., 1973, "Permian brachiopods of the Tethyan seaway"
Box 6 of 35	Folder 7 Grant, Richard E., 1979, "The Roadian stage of the Permian: paleoecology and biostratigraphy"
Box 6 of 35	Folder 8 Grant, Richard E., 1980, "The Permian of the Tethyan realm: Far Eastern region"
Box 6 of 35	Folder 9 Grant, Richard E., 1973-1981. Contains office memoranda and progress reports on research.
Box 6 of 35	Folder 10 Hickey, Leo J., 1972-1973. Consists of progress reports on grants relating to leaf architecture in dicotyledons.
Box 6 of 35	Folder 11 Hickey, Leo J., 1978, "Summary of the leaf architecture in dicotyledons"

Box 6 of 35	Folder 12 Hotton, Nicholas, III, 1960, "Adaptive evolution and paleoecology of the Permo-Triassic reptiles of South Africa"
Box 6 of 35	Folder 13 Hotton, Nicholas, III, 1963, "Environment of Permo-Triassic reptiles of the Order Therapsida in South Africa"
Box 6 of 35	Folder 14 Hotton, Nicholas, III, 1966, "Systematics of the anomodont reptiles and reptilian osteological patterns"
Box 6 of 35	Folder 15 Hotton, Nicholas, III, 1968, "Systematic analysis of the anomodont reptiles (Permian-Triassic) and marine mammals (middle to late Tertiary) in the national collections," with A. Remington Kellogg and Frank C. Whitmore, Jr.
Box 6 of 35	Folder 16 Hotton, Nicholas, III, 1966-1979. Consists of purchase orders, expense accounts, travel orders, and requests for support.
Box 6 of 35	Folder 17 Hueber, Francis M., 1965, "Broadening the reference and research value of the paleobotanical collections in the U.S. National Museum"
Box 6 of 35	Folder 18 Hueber, Francis M., 1966, "study and classification of Lower and Middle Devonian psilophytes"
Box 6 of 35	Folder 19 Hueber, Francis M., 1967, "Study and classification of Lower and Middle Devonian psilophytes" (continued)
Box 6 of 35	Folder 20 Hueber, Francis M., 1974, "Further investigation of a newly discovered Upper Devonian flora in Northern Queensland, Australia"
Box 6 of 35	Folder 21 Kauffman, Erle Galen, 1963, "Upper Cretaceous pelecypods of the subfamily Inoceraminae in North America and Western Europe, and their use in intercontinental correlation"
Box 6 of 35	Folder 22 Kauffman, Erle Galen, 1966, "Evolution, systematics, and ecology of the dominant marine Bivalva: Families Inoceramidae and Ostreidae"
Box 6 of 35	Folder 23 Kauffman, Erle Galen, 1967, "Evolution, systematics, and ecology of the dominant marine Bivalva: Families Inoceramidae and Ostreidae" (continued)
Box 6 of 35	Folder 24 Kauffman, Erle Galen, 1968, "Mesozoic-Early Cenozoic molluscan evolution: rates, patterns, events, and causes in a framework of absolute geologic time"
Box 6 of 35	Folder 25 Kauffman, Erle Galen, 1973, "Early evolution of Atlantic realm benthonic marine communities"

Box 6 of 35	Folder 26 Kauffman, Erle Galen, 1973, "Early evolution of Atlantic realm benthonic marine communities" (continued)
Box 6 of 35	Folder 27 Kauffman, Erle Galen, 1975, "A proposal for the preservation of endangered paleospecies"
Box 6 of 35	Folder 28 Kauffman, Erle Galen, 1978, "Chemical analysis of Cretaceous mollusk shells: evolutionary and environmental implications"
Box 6 of 35	Folder 29 Kauffman, Erle Galen, 1978, "Why do evolutionary rates vary? A test of the marine ecosystem"
Box 6 of 35	Folders 30-31 Kauffman, Erle Galen, 1963-1980. Consists of memoranda, expense accounts, reports on trips, and budget revisions.
Box 6 of 35	Folder 32 Kier, Porter M., 1957, "Monograph of the Cassiduloida (an order of sea urchins)"
Box 6 of 35	Folder 33 Kier, Porter M., 1959, "Monograph of the Cassiduloida (an order of sea urchins)"
Box 6 of 35	Folder 34 Kier, Porter M., 1961, "Systematic significance of echinoid spines"
Box 6 of 35	Folder 35 Kier, Porter M., 1962, "The Tertiary echinoids of the Eastern United States and the Caribbean"
Box 6 of 35	Folder 36 Kier, Porter M., 1965, "Revision of the Oligopygidae echinoids"
Box 6 of 35	Folder 37 Kier, Porter M., 1966, "Preliminary study of living habits of Tunisian echinoids"
Box 6 of 35	Folder 38 Kier, Porter M., 1966, "The morphology and evolution of the lantern in fossil and living 'irregular' echinoids"
Box 6 of 35	Folder 39 Kier, Porter M., 1968, "Study of the masticatory apparatus of the fossil 'irregular' echinoids"
Box 6 of 35	Folder 40 Kier, Porter M., 1966-1969. Consists of memoranda, budget revisions, supply requisitions, and travel orders.
Box 6 of 35	Folder 41 Kier, Porter, 1970. Consists of memoranda concerning collecting trip to Cairo, Egypt.
Box 7	
Box 7 of 35	Folder 1 Macintyre, Ian G., 1973, "Sea levels of the Late Pleistocene and Holocene as indicated by radiocarbon dates of relict intertidal oysters on the North and South Carolina Continental Shelf," with Robert Stuckenrath

Box 7 of 35	Folder 2 Macintyre, Ian G., 1973, "Off-shore research investigations on Glover's Reef, British Honduras," with Stephen V. Smith
Box 7 of 35	Folder 3 Macintyre, Ian G., 1976, "A proposal for a coral reef postage stamp"
Box 7 of 35	Folder 4 McCoy, Floyd, 1973, "Deep-sea basins in the Hellenic Trench, Eastern Mediterranean Sea: modern analogues of sedimentary flysch environments preserved in the geologic record," with Daniel J. Stanley
Box 7 of 35	Folder 5 Olsson, Axel A., 1965, "Comparative study of molluscan faunas of type European Tertiary stages and those of tropical America and Southeastern United States," with Wendell P. Woodring
Box 7 of 35	Folder 6 Pierce, Jack W., 1966, "Soils of Java Farm, Maryland"
Box 7 of 35	Folder 7 Pierce, Jack W., 1967, "Coastal and continental shelf sediments and sedimentation processes"
Box 7 of 35	Folder 8 Pierce, Jack W., 1968, "Changes in clay minerals across a terrigenous-carbonate facies boundary"
Box 7 of 35	Folder 9 Pierce, Jack W., 1968, "Sediment study of the Patuxent River"
Box 7 of 35	Folder 10 Pierce, Jack W., 1969, "Coastal and continental shelf sediments and sedimentation processes" (continued)
Box 7 of 35	Folder 11 Pierce, Jack W., 1970, "Examination of three waste disposal sites in New York"
Box 7 of 35	Folder 12 Pierce, Jack W., 1971, Consists of untitled proposal for trip to India.
Box 7 of 35	Folder 13 Pierce, Jack W., 1973, "Research on suspended particulate matter"
Box 7 of 35	Folder 14 Pierce, Jack W., 1974, "Research on suspended particulate matter" (continued)
Box 7 of 35	Folder 15 Pierce, Jack W., 1976, "Dispersal of suspended particles"
Box 7 of 35	Folder 16 Pierce, Jack W., 1979, "Augmented sampling program in Rhode River estuary in response to Three Mile Island releases"
Box 7 of 35	Folder 17 Pierce, Jack W., 1979, "Size spectra of particles suspended in estuarine waters, determined by two independent methods"
Box 7 of 35	Folder 18 Pierce, Jack W., undated, "Renewal of eastward project proposal terrigenous phase of suspended sediment in continental shelf, Southeastern United States"

Box 7 of 35	Folder 19 Pierce, Jack W., undated, "Sediment discharge from watersheds and the upper estuary, Rhode River, MD"
Box 7 of 35	Folder 20 Pierce, Jack W., undated, "Interaction of particulate material and chlorinated hydrocarbons," with Tung Lin Wu
Box 7 of 35	Folder 21 Pierce, Jack W., undated, "Cores from tidal marshes," with Robert Stuckenrath
Box 7 of 35	Folder 22 Pierce, Jack W., 1965-1971. Consists of memoranda, budget revisions, supply requisitions, and travel orders.
Box 7 of 35	Folder 23 Pierce, Jack W., 1979-1980. Consists of requests for funding from Fluid Research Funds. Notes: <ul style="list-style-type: none"><li>• Pierce, Jack W., see also: Roth, H. Daniel</li></ul>
Box 7 of 35	Folder 24 Ray, Clayton E., circa 1968, "Quaternary history of an upland basin at Saltville, Smyth County, Virginia." Includes progress report.
Box 7 of 35	Folder 25 Ray, Clayton E., 1968, "Quaternary history in the vicinity of Lake Callabonna, South Australia, with an emphasis on the vertebrate fauna"
Box 7 of 35	Folder 26 Ray, Clayton E., 1974, "Studies in the evolution of the Pinnipedia"
Box 7 of 35	Folder 27 Ray, Clayton E., 1965-1967, 1972, 1975-1979. Includes office memoranda, travel orders, and requests for funds through the Fluid Research Fund.
Box 7 of 35	Folder 28 Roth, H. Daniel, 1970, "Related problems in theoretical and applied sedimentology," with Jack W. Pierce
Box 7 of 35	Folder 29 Sohn, I. Gregory, 1962-1967, "Classification of Lower Cretaceous Ostracoda (Crustacea) of Israel." Includes related correspondence and memoranda.
Box 8	
Box 8 of 35	Folder 1 Stanley, Daniel J., 1966, "Visual observation of sedimentation patterns in submarine canyon heads"
Box 8 of 35	Folder 2 Stanley, Daniel J., 1967, "Sedimentary patterns and processes in some modern continental margin environments and their 'fossil' counterparts in the stratigraphic record"
Box 8 of 35	Folder 3 Stanley, Daniel J., 1968, "Sedimentary patterns and processes in modern submarine canyon-subsea complexes (Northwest Atlantic and Mediterranean) and their counterparts in the geologic record (Maritime Alps, Carpathians, and North America)"

Box 8 of 35	Folder 4 Stanley, Daniel J., 1969, "Sedimentary patterns, processes, and hydrology in modern submarine canyon-subsea complexes, Northwest Atlantic"
Box 8 of 35	Folder 5 Stanley, Daniel J., 1969, "Sedimentary patterns and processes in modern submarine canyon-subsea complexes (Northwest Atlantic and Mediterranean) and their counterparts in the geologic record (Maritime Alps, Carpathians, and North America)" (continued)
Box 8 of 35	Folder 6 Stanley, Daniel J., 1972, "Sediment dispersal in modern deep-sea basins (Mediterranean Sea and Northwest Atlantic): application to the geologic record (lysch basins in Maritime Alps and North America)"
Box 8 of 35	Folder 7 Stanley, Daniel J., 1973, "Recent Nile cone history based on sediment core analysis"
Box 8 of 35	Folder 8 Stanley, Daniel J., 1978, "Oceanography and sedimentology of the Hellenic Trench, Ionian Sea: Mediterranean Basin (MEDIBA) Project"
Box 8 of 35	Folder 9 Stanley, Daniel J., 1980, "Oceanography and sedimentology of the Hellenic Trench, Ionian Sea; Mediterranean Basin (MEDIBA) Project," (continued)
Box 8 of 35	Folder 10 Stanley, Daniel J., 1967-1981. Consists of office memoranda, travel orders, and itineraries.
Box 8 of 35	Folder 11 Student Research Proposals, NMNH, 1974. Includes two research proposals for Ph.D. candidates from George Washington University: Bybell, Laurel, "Paleobiology and biogeography of Cretaceous-Cenozoic planktonic algae (nannofossils) of the Atlantic Realm and its bearing on their use in biostratigraphy"; Govoni, David, "Structure and evolution of Cretaceous paleocommunities along the Middle Atlantic Shelf."
Box 8 of 35	Folder 12 Wallen, Irvin Eugene, 1965, "Participation in cruises of the Eltanin"
Box 8 of 35	Folder 13 Wallen, Irvin Eugene, 1965, "A long term biological study of the marine organisms on both sides of the Isthmus of Panama, Costa Rica, Nicaragua, Guatemala, and British Honduras"
Box 8 of 35	Folder 14 Waller, Thomas R., 1968, "Systematics, ecology, and evolutionary relationships of some Floridian and South American Pectinidae (Mollusca: Bivalvia)"
Box 8 of 35	Folder 15 Waller, Thomas R., 1969, "Systematics and ecology of the subfamily Propeamussiinae in the Western Atlantic, with a review of the taxonomic and ecological variability of shell structure in the Pectinidae (Mollusca: Bivalvia)"

Box 8 of 35	Folder 16 Waller, Thomas R., 1969, "The autecology of pectens in the vicinity of St. John, Virgin Islands"
Box 8 of 35	Folder 17 Waller, Thomas R., 1970, "Biogeography, ecology, and systematics of scallops in the Western Atlantic Region." Includes two versions.
Box 8 of 35	Folder 18 Waller, Thomas R., 1978, "The living scallops of the Western Atlantic--a study of the effects of ocean dynamics on evolution and biogeography"
Box 8 of 35	Folder 19 Waller, Thomas R., 1966-1979. Consists of office memoranda, travel orders, itineraries, and purchase orders.
Box 8 of 35	Folder 20 Smithsonian Research Awards Committee, 1967-1973, 1979
Box 8 of 35	Folder 21 National Science Foundation, undated. Contains list of proposals for International Decade of Exploration.

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## Series 5: ADMINISTRATIVE FILES, DEPARTMENT OF PALEOBIOLOGY, 1963-1982

Note: This series documents the activities of the Chairman of the Department of Paleobiology and consists of incoming, outgoing, and internal memoranda and miscellaneous subject files. Between its inception and 1982, four chairmen led the Department of Paleobiology: G. Arthur Cooper (1963-1967), Porter M. Kier (1967-1972), Richard E. Grant (1972-1977), and Martin A. Buzas (1977-1982). The documents in this division cover a broad range of topics and activities, including reviews of research proposals among staff members, administrative announcements, notices of staff activities, and museum-wide committee reports. As a matter of courtesy and policy, outgoing and incoming memoranda were routed through the Chairman's office. The memoranda within this division are arranged chronologically and separated into outgoing and incoming divisions. Miscellaneous subject files are arranged alphabetically by subject. Of special interest are the many research proposals sent to department researchers for review and comment.

### Box 8

Box 8 of 35	Folders 22-30 Buzas, Martin A., 1963-1971, 1977, 1979-1982. Contains outgoing memoranda.
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### Box 9

Box 9 of 35	Folders 1-2 Memoranda to Paleobiology staff, 1967-1972. Contains miscellaneous memoranda from chairman to staff.
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Box 9 of 35	Folder 3 Paleobiology staff, 1977. Contains outgoing memoranda and correspondence routed through Chairman's office.
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Box 9 of 35	Folder 4 Paleobiology staff, 1977. Contains incoming memoranda and correspondence routed through Chairman's office.
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Box 9 of 35	Folder 5 Buzas, Martin A., 1978. Contains outgoing memoranda.
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Box 9 of 35	Folder 6 Kier, Porter M., 1978. Contains outgoing memoranda.
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Box 9 of 35	Folder 7 Grant, Richard E., 1978. Contains outgoing memoranda.
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Box 9 of 35	Folder 8 Ray, Clayton E., 1978. Contains outgoing memoranda.
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Box 9 of 35	Folder 9 Mello, James F., 1978. Contains outgoing memoranda.
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Box 9 of 35	Folder 10 Paleobiology staff, 1978. Contains outgoing memoranda and correspondence routed through Chairman's office.
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Box 9 of 35	Folder 11 Paleobiology staff, 1978. Contains incoming memoranda and correspondence routed through Chairman's office.
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Box 9 of 35	Folder 12 Paleobiology staff, August 1977-July 1978. Contains miscellaneous memoranda.
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Box 9 of 35	Folder 13 Paleobiology staff, 1979. Contains outgoing memoranda and correspondence routed through Chairman's office.
Box 9 of 35	Folder 14 Paleobiology staff, 1979. Contains incoming memoranda and correspondence routed through Chairman's office. Includes copy of address delivered at opening session of the 50th meeting of the Paleontological Society of China, 14 April 1979, by Curt Teichert.
Box 9 of 35	Folder 15 Paleobiology staff, 1980. Contains outgoing memoranda and correspondence routed through Chairman's office.
Box 9 of 35	Folder 16 Paleobiology staff, 1980. Contains incoming memoranda and correspondence routed through Chairman's office.
Box 9 of 35	Folder 17 Paleobiology staff, 1981. Contains outgoing memoranda and correspondence routed through Chairman's office.
Box 10	
Box 10 of 35	Folders 1-2 Paleobiology staff, 1981. Contains incoming memoranda and correspondence through Chairman's office.
Box 10 of 35	Folder 3 Paleobiology staff, 1982. Contains outgoing memoranda and correspondence routed through Chairman's office.
Box 10 of 35	Folder 4 Paleobiology staff, January-August 1982. Contains incoming memoranda and correspondence routed through Chairman's office.
Box 10 of 35	Folder 5 Arnold, James R., 1970. Consists of research proposal, "Cosmic ray effects in terrestrial and extraterrestrial materials; their application for age determination and irradiation history of the solar system," with Hans E. Suess and Gustaf Arrhenius.
Box 10 of 35	Folder 6 Biological Diversity Halls, 1982. Contains report of Ad-hoc Committee to consider the content of the Biological Diversity Halls.
Box 10 of 35	Folder 7 Das, S. M., 1968. Consists of research proposal, "Organic production in temperate lakes of Kashmir, India."
Box 10 of 35	Folder 8 Fosberg, Francis Raymond, circa 1970. Consists of report on Trimen handbook revision project.
Box 10 of 35	Folder 9 Golley, Frank B., undated. Consists of research proposal, "Study organic productivity and nutrient cycling in Tropical ecosystems at Varanasi, India," with Robert C. Anderson.
Box 10 of 35	Folder 10 Jordan, Peter A., 1969. Consists of research proposal, "Habitat relationships, numbers, and distribution of wild ungulates in the Gir Forest, India."

Box 10 of 35	Folder 11 McCloskey, Lawrence R., 1968. Consists of research proposal, "Coral associated fauna: an investigation of reef-coral in faunal communities."
Box 10 of 35	Folder 12 Misra, R., undated. Consists of research proposal, "Study of organic productivity and nutrient cycling in monsoon forest, grassland, and cropland at Varanasi, India," with Frank B. Golley.
Box 10 of 35	Folder 13 OCEAN film and exhibit series, 1981-1982. Includes proposals and information packages.
Box 10 of 35	Folder 14 Paleobiology, Department of, 1982. Contains report of Departmental Review Committee. See also: Advisory Committee, Review Panel on Paleobiology, Box 13, Folders 7-14.
Box 10 of 35	Folder 15 Petrides, George A., 1969. Consists of research proposal, "The biotic productivity of a natural forest and large-mammal community in Nepal."
Box 11	
Box 11 of 35	Folder 1 Saunders, George W., 1969. Consists of research proposal "A study of biological productivity in some tropical lakes of South India."
Box 11 of 35	Folder 2 Smithsonian Institution Security Services Division Report of Investigation, 1979. Concerns conviction of Calvin Francis Allison for theft of material within the paleobiological collections.
Box 11 of 35	Folder 3 Spillett, James Juan, circa 1968. Contains a curriculum vita.
Box 11 of 35	Folder 4 Taber, Richard D., 1968. Consists of research proposal, "Investigation of the basic biology of the wild boar ( <i>Sus scrofa cristatus</i> ) of West Pakistan."
Box 11 of 35	Folder 5 Tasch, Paul, circa 1971. Consists of research proposal, "Fossil Conchostraca of the Indian Gondwanas."

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## Series 6: MARTIN A. BUZAS CORRESPONDENCE, 1977-1982, AND UNDATED

Note: This series consists of the administrative files accumulated during Martin A. Buzas' tenure as Chairman of the Department of Paleobiology, 1977-1982. These files contain incoming and outgoing correspondence and are arranged alphabetically. There is little scientific correspondence; however, letters of recommendation, public inquiries, and curriculum vitae are well represented.

Box 11	
Box 11 of 35	Folder 6 A, general
Box 11 of 35	Folder 7 Ba - Bi, general. Includes biographical information on Paul E. Belanger, circa 1979.
Box 11 of 35	Folder 8 Bo - By, general. Includes biographical information on William C. Butler.
Box 11 of 35	Folder 9 Ca - Cl, general
Box 11 of 35	Folder 10 Christensen, Ellen, 1978. Includes manuscript, "Chloroplast symbiosis in benthic foraminifera: photosynthetic carbon fixation and its relation to habitat distribution in three species."
Box 11 of 35	Folder 11 Co - Cu, general
Box 11 of 35	Folder 12 D, general
Box 11 of 35	Folder 13 E, general
Box 11 of 35	Folder 14 F, general
Box 11 of 35	Folder 15 Fischer, Alfred G., 1981. Contains material relating to Smithsonian Regents' Fellowship application. Includes proposal, curriculum vita, and manuscripts.
Box 11 of 35	Folder 16 G, general
Box 11 of 35	Folder 17 H, general
Box 11 of 35	Folder 18 I, general
Box 11 of 35	Folder 19 J, general
Box 11 of 35	Folder 20 Jones, Robert S., 1981-1982. Includes material relating to research at Smithsonian Research Station, Link Port, Florida.
Box 12	

Box 12 of 35	Folder 1 K, general. Includes manuscript by Porter M. Kier, undated, "A Bored Cretaceous Echinoid."
Box 12 of 35	Folder 2 L, general. Includes curriculum vita for Haydee Lena-Hernandez.
Box 12 of 35	Folder 3 M, general
Box 12 of 35	Folder 4 N - O, general
Box 12 of 35	Folder 5 P, general
Box 12 of 35	Folder 6 Qyx Intelligent Typewriter Systems, 1978-1980
Box 12 of 35	Folder 7 R, general
Box 12 of 35	Folder 8 Sa - So, general. Includes curriculum vitae for Charles Schafer.
Box 12 of 35	Folder 9 Sp - Sy, general
Box 12 of 35	Folder 10 T, general. Includes manuscript, Stephen J. Culver and Martin A. Buzas, 1982, "Biotic provinces and cluster analysis.. .a reply."
Box 12 of 35	Folder 11 V, general
Box 12 of 35	Folder 12 W, general
Box 12 of 35	Folder 13 X - Z, general

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## Series 7: DEPARTMENT OF PALEOBIOLOGY, SUBJECT FILES, 1924, 1931, 1947-1984, with materials from 1924 and 1931

**Note:** This series consists of the general subject files for the Department of Paleobiology including incoming and outgoing correspondence, memoranda, and reports of both Smithsonian and non-Smithsonian offices. Included in this series are advisory committee reviews of the Department of Paleobiology for 1967 and 1982, material documenting the construction of both the East Wing of the Natural History Building and the Museum Support Center, and documentation of the Foreign Currency Program and the A. Remington Kellogg Memorial Fund. In addition, members of the Department of Paleobiology traveled to Poland in 1968 to participate in an important exchange program, and the preparations for this trip are well documented. The activities of the Paleontology and Stratigraphy Branch of the United States Geological Survey, which worked cooperatively with the Department of Paleobiology, are also extensively documented here. These files are arranged alphabetically by subject, and titles are generally derived from original folder titles. Some documents originally contained within this collection were transferred to other series during archival processing.

### Box 12

Box 12 of 35	Folder 14 Academic Studies, Office of, 1964-1966. Contains memoranda regarding cooperative education programs with various universities.
Box 12 of 35	Folder 15 Academic Studies, Office of, 1964-1970, 1974. Contains miscellaneous memoranda.
Box 12 of 35	Folder 16 Academic Studies, Office of, 1965-1966, and undated. Contains memoranda concerning Department of Paleobiology's entry in Research Opportunities.
Box 12 of 35	Folder 17 Academic Studies, Office of, 1965-1966, 1969-1974. Contains memoranda discussing proposals for short-term research projects, travel orders, and requests for funds for visitors.
Box 12 of 35	Folder 18 Academic Studies, Office of, 1968-1969. Contains Academic Program Notes, "an occasional bulletin of the Office of Academic Programs," numbers 1-5.
Box 12 of 35	Folder 19 Academic Studies, Office of, 1968-1970. Contains memoranda regarding formulation of policies for higher education activities at the Smithsonian Institution.

### Box 13

Box 13 of 35	Folder 1 Academy of Natural Sciences, 1972. Contains announcement of Clyde Goulden's appointment as Scientific Director and Vice President of Research.
Box 13 of 35	Folder 2 Accession Report, 1981. Contains annual summary report on specimens and accessions.

Box 13 of 35	Folder 3 Adding Machine, 1962, 1967
Box 13 of 35	Folder 4 Administrative Council, 1966, 1969-1972. Contains minutes and agendas for meetings.
Box 13 of 35	Folder 5 Advisory Committee, Review Panel for Botany, 1980. Contains incomplete text of committee report for the Department of Botany.
Box 13 of 35	Folder 6 Advisory Committee, Review Panel for Entomology, undated. Contains Committee report for the Department of Entomology.
Box 13 of 35	Folder 7 Advisory Committee, Review Panel for Paleobiology, 1967-1968. Contains correspondence concerning the review panel.
Box 13 of 35	Folder 8 Advisory Committee, Review Panel for Paleobiology, 1967. Contains copy of final committee report. Also includes partial draft copy.
Box 13 of 35	Folders 9-14 Advisory Committee, Review Panel for Paleobiology, 1982. Contains copy of final committee report. Includes: Notes: <ul style="list-style-type: none"><li>• Table of Contents</li><li>• Introduction</li><li>• Appendix I: Scientists' Statements and Bibliographies. Includes material for:<ul style="list-style-type: none"><li>• Adey, Walter H.</li><li>• Behrensmeyer, Anna K.</li><li>• Benson, Richard H.</li><li>• Boardman, Richard S.</li><li>• Buzas, Martin A.</li><li>• Cheetham, Alan H.</li><li>• Cifelli, Richard</li><li>• Emry, Robert J.</li><li>• Grant, Richard E.</li><li>• Hickey, Leo J.</li><li>• Hotton, Nicholas, III</li><li>• Hueber, Francis M.</li><li>• Kier, Porter M.</li><li>• Macintyre, Ian G.</li><li>• Pierce, Jack W.</li><li>• Ray, Clayton E.</li><li>• Stanley, Daniel J.</li><li>• Towe, Kenneth M.</li><li>• Waller, Thomas R.</li></ul></li><li>• Appendix II: Organizational Chart</li><li>• Appendix III: Budget Fiscal Year 1981</li><li>• Appendix IV: Collection Policy</li><li>• Appendix V: 1967 Review of Department</li><li>• Assorted memoranda</li></ul>
Box 13 of 35	Folder 15 Advisory Committee, Review Panel for Vertebrate Zoology, 1981. Contains copy of final committee report for the Department of Vertebrate Zoology.

Box 13 of 35	Folder 16 Alcohol purchases, 1972-1973
Box 13 of 35	Folder 17 American Antiquities Act, 1924
Box 13 of 35	Folder 18 American Geological Institute, 1957-1959, 1963-1964, 1971, and undated
Box 13 of 35	Folder 19 American Institute for Biological Sciences, 1963, 1970-1971
Box 14	
Box 14 of 35	Folder 1 Anthropology, Department of, 1960, 1968-1972, 1974
Box 14 of 35	Folder 2 Artwork Contracts, 1966-1967
Box 14 of 35	Folder 3 Association of Earth Science Editors, 1970
Box 14 of 35	Folder 4 Awards, 1969-1973. Includes career service emblems and certificates of achievement.
Box 14 of 35	Folder 5 Bell, Charles W., and Barnes, Virgil E., collection, 1973. Contains related memoranda.
Box 14 of 35	Folder 6 Belmont Estate, 1967
Box 14 of 35	Folder 7 Bicentennial Celebration, United States, 1969, 1971
Box 14 of 35	Folder 8 Biological Society of Washington, 1971
Box 14 of 35	Folder 9 Bishop Museum, 1969. Contains material concerning an exchange agreement between NMNH and Bernice P. Bishop Museum.
Box 14 of 35	Folder 10 Botany, Department of, 1970-1972. See also: Advisory Committee, Review Panel for Botany, Box 13, Folder 5.
Box 14 of 35	Folder 11 Bredin-Archbold-Smithsonian Biological Survey of Dominica, 1964
Box 14 of 35	Folder 12 Building Management, 1966-1974
Box 14 of 35	Folder 13 Building Number 3, Smithsonian Storage Site, 1970, 1973-1974
Box 14 of 35	Folder 14 Bureau of Land Management, 1980-1981. Contains "Semi-Annual Report to Bureau of Land Management, Contract AA551-CT9-37: 'Archiving and Curating of BLM Biological Specimens by the Smithsonian Institution."

Box 14 of 35	Folders 15-21 Chairmen's Meetings, 1967-1970, 1980-1982. Consists of minutes of meetings.
Box 14 of 35	Folders 22-23 Chesapeake Bay Center, 1970. Contains proposal to the National Science Foundation, "An ecosystem analysis and development of a land use plan for the Rhode River watershed." Includes both early and final drafts.
Box 15	
Box 15 of 35	Folder 1 Convention on International Trade in Endangered Species of Wild Fauna and Flora, CITES, 1980
Box 15 of 35	Folder 2 Collection, International Agreements, 1971. Consists of memorandum concerning establishing agreements.
Box 15 of 35	Folder 3 Collection, Permits and Permissions, 1966-1969. Contains approvals of requests for non-government researchers to collect on federal property.
Box 15 of 35	Folder 4 Collections Management Policy, 1973, 1980-1982, and undated. Includes undated management policy statement for both NMNH and Department of Paleobiology.
Box 15 of 35	Folder 5 Combined Federal Campaign Drive, 1979-1980
Box 15 of 35	Folder 6 Committees, roster of membership, undated. Lists members of following committees: Notes: <ul style="list-style-type: none"><li>• Professional Accomplishments Evaluation</li><li>• Publications</li><li>• Exhibits</li><li>• Space</li><li>• SEM Advisory</li><li>• NMNH Archives</li><li>• Diving</li><li>• Museum Shops Advisory</li></ul>
Box 15 of 35	Folder 7 Congressional Correspondence, 1980. Contains memorandum explaining procedures for responding to Congressional inquiries.
Box 15 of 35	Folder 8 Congressional Hearings and Testimony, 1970. Includes transcripts for: Notes: <ul style="list-style-type: none"><li>• April 10, 1970, testimony of S. Dillon Ripley before Congress regarding budget;</li><li>• April 15, 1970, testimony of Hubert H. Humphrey before Congress regarding the Woodrow Wilson International Center for Scholars.</li><li>• See also: Foreign Currency Program, Box 17, Folder 2.</li></ul>
Box 15 of 35	Folder 9 Contracts Office, 1970. Concerns vehicle insurance.



Box 15 of 35	Folder 10 Coon Creek Fossil Formation, Memphis State University, 1966-1967
Box 15 of 35	Folder 11 Coral Reef Program, 1980
Box 15 of 35	Folders 12-16 Data Processing, 1966-1972. Includes material relating to automation of data analysis and construction of information retrieval systems.
Box 15 of 35	Folder 17 Data Processing, 1967. Contains manual entitled, Building the Phylogenetic Thesaurus.
Box 15 of 35	Folder 18 Dictating Machine, circa 1970. Contains manual for "Norelco 84".
Box 15 of 35	Folder 19 Discrimination at the Smithsonian, 1980
Box 15 of 35	Folder 20 Diving Regulations, 1972-1973, 1977, 1979-1980
Box 15 of 35	Folder 21 Division Supervisors, appointment of, 1968
Box 15 of 35	Folder 22 East Wing, 1958, 1961-1964. Includes memoranda discussing space allocations.
Box 15 of 35	Folder 23 Ecology, Office of, 1968-1971
Box 15 of 35	Folder 24 Election Procedures, 1972. Includes memoranda concerning election of Chairman.
Box 15 of 35	Folder 25 Emlong, Douglas, Collection, 1967-1969, 1972. Includes memoranda relating to the purchase of the collection and a copy of the agreement of sale.
Box 16	
Box 16 of 35	Folder 1 Energy Conservation, 1980
Box 16 of 35	Folder 2 Entomology, Department of, 1970-1972. See also: Advisory Committee, Review Panel for Entomology, Box 13, Folder 6
Box 16 of 35	Folder 3 Environmental Sciences, Office of, 1970-1972, 1979-1980
Box 16 of 35	Folder 4 Environmental Sciences, Office of, 1971, Quarterly Newsletter, numbers 1-3
Box 16 of 35	Folder 5 Environmental Sciences, Offices of, 1971. Includes research proposal, "Investigations

Box 16 of 35	of marine shallow water ecosystems (Imswc)." See also: Investigations of Marine Shallow Water Ecosystems, Box 18, Folder 7
Box 16 of 35	Folders 6-7 Equal Employment opportunity, 1980. Contains material included in training course, "EEO for Managers."
Box 16 of 35	Folder 8 Equipment, 1978-1981. Includes list of specialized equipment located in the Department of Paleobiology.
Box 16 of 35	Folder 9 Executive Committee, 1972-1973. Consists of agenda matters brought to the Secretary and members of the Executive Committee.
Box 16 of 35	Folder 10 Fellowships and Grants, Office of, 1979-1980
Box 16 of 35	Folders 11-12 Federal Wildlife Regulations, United States, 1978-1979. Consists of manual of regulations and appendix of endangered species listed by state.
Box 16 of 35	Folder 13 Fire Protection, 1980

#### Box 17

Box 17 of 35	Folder 1 Foreign Currency Program, 1966-1967. Consists of status reports and documentation of grants awarded.
Box 17 of 35	Folder 2 Foreign Currency Program, 1968. Contains Congressional testimony of S. Dillon Ripley, March 13, 1968, regarding program and budget appropriations.
Box 17 of 35	Folder 3 Foreign Currency Program, 1968. Contains manuscript by Richard H. Benson, "Science and the Foreign Currency Program (An Individual Viewpoint)."
Box 17 of 35	Folder 4 Foreign Currency Program, 1968. Consists of revised administrative documents: Notes: <ul style="list-style-type: none"><li>• Tab A - Smithsonian Foreign Currency Program Announcement</li><li>• Tab B - Model Award Letter</li><li>• Tab C - Administration of Smithsonian Institution Foreign Currency Grants</li><li>• Tab D - Guidelines to Accounting for Smithsonian Foreign Grants</li><li>• Tab E - Model Research Project Agreements</li><li>• Tab F - Model Letter: Preparations to Work Under a Foreign Currency Grant</li><li>• Tab G - Model Grant Contracts</li><li>• Tab H - Model Letter Enclosing Grant Contract with Instructions</li><li>• Tab I - Model Disbursal Authorities</li></ul>

- Tab J - Documents Used for Smithsonian Research Field Trip Awards or for Research Development Trips

Box 17 of 35	Folder 5 Foreign Currency Program, 1969-1970. Contains minutes of the Foreign Currency Program Biological Sciences Advisory Council, meetings 1-4.
Box 17 of 35	Folder 6 Foreign Currency Program, 1966-1974. Consists of general correspondence.
Box 17 of 35	Folder 7 Foreign Currency Program, undated. Contains introductory statement and application procedures.
Box 17 of 35	Folder 8 Fort Pierce Laboratory, 1980-1982
Box 17 of 35	Folder 9 Fossil, Florissant Fossil Beds National Monument, 1969-1970
Box 17 of 35	Folder 10 General Counsel, 1969-1971
Box 17 of 35	Folder 11 Geological Society of America, 1979. Contains Annual Report to Council.
Box 17 of 35	Folder 12 Geology, Arizona, 1961. Contains list of invertebrate fossils collected from Arizona.
Box 17 of 35	Folder 13 George Washington University, Geological Institute, circa 1940. Contains organizational proposal.
Box 17 of 35	Folder 14 Health Benefits Programs, 1979-1982. Contains brochures and guidelines for health insurance packages.
Box 17 of 35	Folder 15 Import Permits, 1978. Consists of application to United States Department of Agriculture for Richard H. Benson to import soil samples.
Box 17 of 35	Folder 16 Insurance, Accidental Death, 1971. Contains memorandum explaining Smithsonian policy.
Box 17 of 35	Folder 17 Intern Program, 1979. Contains proposed policies.
Box 17 of 35	Folder 18 International Activities, 1965, 1968-1969, 1971
Box 17 of 35	Folder 19 International Council of Museums, 1970. Contains recommendations of experts regarding ethical rules governing museum acquisitions.
Box 17 of 35	Folder 20 International Exchange Service, 1951. Contains correspondence regarding transfer of technical information.
Box 18	

Box 18 of 35	Folder 1 International Paleobiology, Program for (PIP), 1964
Box 18 of 35	Folder 2 International Symposium on the Devonian system, 1966. Includes abstract for talk by G. Arthur Cooper, "Age and correlation of Tully, Cedar Valley and related formations."
Box 18 of 35	Folder 3 Interview and Recruiting Guidelines, 1964
Box 18 of 35	Folder 4 Inventory, 1950, 1958, 1965, 1972. Contains lists of property numbers identifying equipment possessed by the Department of Paleobiology.
Box 18 of 35	Folder 5 Inventory Plan, NMNH, 1980
Box 18 of 35	Folder 6 Invertebrate Zoology, Department of, 1967-1971. Includes November 1968 issue of The Echinoderm Newsletter.
Box 18 of 35	Folder 7 Investigations of Marine Shallow Water Ecosystems Program (IMSWE), 1970-1972, 1979. See also: Environmental Sciences, Office of, Box 16, Folder 5.
Box 18 of 35	Folder 8 Joides, 1968. Contains memoranda regarding research vessel.
Box 18 of 35	Folder 9 Joint Atlantic Seminar on the History of Biology, 1969. Includes program, text of talk delivered by M. J. S. Hodge, "J. B. Lamarck and the production by Nature of living bodies," and abstract of talk delivered by Dana Long Hall, "Lavoisier and the physiologists."
Box 18 of 35	Folder 10 Joint Committee on Paleontologic Information, 1972
Box 18 of 35	Folder 11 Kellogg, A. Remington, 1963-1966. Contains memoranda concerning research on marine mammals.
Box 18 of 35	Folder 12 Kellogg, A. Remington, Memorial Fund, 1969-1973, 1980. Includes: Notes: <ul style="list-style-type: none"><li>• Annual Report of the A. Remington Kellogg Library of Marine Mammalogy, 1973;</li><li>• Obituary Notice for A. Remington Kellogg from the Yearbook of The American Philosophical Society, 1972;</li><li>• Transcript of ceremony at which Marguerite Henrich Kellogg received the Smithsonian Benefactor Medallion, December 2, 1972;</li><li>• Transcript of program in honor of A. Remington Kellogg, December 18, 1970;</li><li>• Copies and drafts of deed of gift establishing the A. Remington Kellogg Memorial Fund.</li></ul>
Box 18 of 35	Folder 13 Library, 1968-1974. Includes listings of book orders for the Department of Paleobiology.

Box 18 of 35	Folders 14-18 Library, requisitions for new books, 1969-1974
Box 18 of 35	Folder 19 Loan Regulations, 1955, 1960, 1974
Box 18 of 35	Folder 20 Machine Service Reports, 1979-1980
Box 18 of 35	Folder 21 Management Analysis Office, 1979. Contains information on standardized regulations.
Box 19	
Box 19 of 35	Folder 1 Manuscripts, submission of, 1965-1969. Contains information on regulations.
Box 19 of 35	Folder 2 Marine Mammal Center, 1969-1971. Includes The Marine Mammal Newsletter, numbers 1 and 2, 1971. Mediterranean Marine Sorting Program. See under: Oceanography and Limnology Program, Box 20, Folders 1-9; and Hulings, Neil C., Box 27, Folder 4
Box 19 of 35	Folder 3 Microscopes, 1949-1950. Contains inventory lists.
Box 19 of 35	Folder 4 Mineral Sciences, Department of, 1972-1973
Box 19 of 35	Folder 5 Museum Services, 1959-1968
Box 19 of 35	Folder 6 Museum Support Center, 1971, 1979-1982. Contains correspondence concerning establishment and utilization of center.
Box 19 of 35	Folder 7 Museum Support Center, 1979. Contains "Concept Submission Documents."
Box 19 of 35	Folder 8 Museum Support Center, 1979. Contains report on "Material Handling and Storage for the Museum Support Center for the Smithsonian Institution."
Box 19 of 35	Folder 9 National Academy of Sciences, 1958-1959, 1963, 1965-1966, 1971. Includes press release announcing award of Mary Clark Thompson Medal to Norman Dennis Newell, itinerary of visit by Oleg Mikhaylovich, and recommendations of the Committee on Polar Research Meeting on Antarctic Geology.
Box 19 of 35	Folder 10 National Museum of Natural History, 1970. Contains Report of Deficiencies.
Box 19 of 35	Folder 11 National Research Council, Division of Earth Sciences Executive Committee, 1963-1971. Includes minutes of meetings of the Executive Council, 1963, 1970, 1971 and minutes of various subcommittees within the Division of Earth Sciences.

Box 19 of 35	Folder 12 National Science Foundation, undated. Contains U.S.-China Cooperative Science Program announcement and guidelines.
Box 19 of 35	Folder 13 Natural History Building, 1931, 1947, 1954, and undated. Includes undated floor plan of Natural History Building, and 1954 pamphlet justifying expansion of the building.
Box 19 of 35	Folder 14 New Director of the NMNH, 1972. Includes memoranda discussing potential candidates for the position.
Box 19 of 35	Folder 15 Nonexpendable property, 1979-1981. Contains guidelines and forms for removal of property.
Box 19 of 35	Folder 16 Notice of Research Project, 1964-1973. Contains memoranda concerning procedures for reporting scientific research.
Box 19 of 35	Folders 17-18 Notice of Research Project, 1969-1970. Contains summaries of research projects within the Department of Paleobiology.
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Box 20 of 35	Folders 1-2 Oceanography and Limnology Program, 1968-1973. Includes memoranda discussing research, plans for cruises, and activities associated with program.
Box 20 of 35	Folder 3 Oceanography and Limnology Program, 1967-1969. Contains Quarterly Newsletter, numbers 1, 2, 5, 7, 8, 10, and 11.
Box 20 of 35	Folder 4 Oceanography and Limnology Program, 1968. Contains Trip Report for period between October 31, 1967, and November 22, 1967, written by William Aron.
Box 20 of 35	Folder 5 Oceanography and Limnology Program, 1969. Contains statement by Sidney Roland Galler for the Oceanography Subcommittee of the House of Representatives' Committee on Merchant Marine and Fisheries, May 27, 1969.
Box 20 of 35	Folders 6-8 Oceanography Program, 1962-1971. Includes memoranda documenting the establishment of an oceanography program at the Smithsonian and discussions with Congress concerning the topic, 1962; cruise reports; and proposal regarding the establishment of a Mediterranean Marine Sorting Center, 1966.
Box 20 of 35	Folder 9 Oceanography Program, reprints of journal articles: Notes: <ul style="list-style-type: none"><li>• Clarke, Thomas A., Flechsig, Arthur O., and Grigg, Richard W., undated, "Ecological Studies during Project Sealab II," Bioscience.</li><li>• Heydorn, A. E. F., 1967, "Deep-Diving Craft in Marine Research," Fisheries Bulletin, 4:21-24.</li></ul>

- McHugh, John Laurence, 1969, "The United States and world whale resources," *Bioscience*, 19 (12) :1075-1078.
- Schulz, Paul E., 1967, "Public use of underwater resources," *Proceedings and Papers of the IUCN 10th Technical Meeting (Lucerne, June 1966) -- Part 1*, pp. 153-159.
- Wailer, Richard A., and Wicklund, Robert I., 1968, "Observations from a research submersible-- mating and spawning of the squid, *Doryteuthis plei*," *Bioscience*, 18(2) :110-111.
- No author, 1968, "Submersible work vessels now operating world-wide," *Ocean Industry*, pp. 4-14

Off-Mall Storage. See under: Building Number 3, Box 14, Folder 13; and Museum Support Center, Box 19, Folders 6-8

Summary: Off-Mall Storage. See under: Building Number 3, Box 14, Folder 13; and Museum Support Center, Box 19, Folders 6-8

Box 20 of 35 Folder 10 Page Charges and Reprints, 1972-1974

Box 20 of 35 Folder 11 Paleobiological Collections, 1974. Contains memoranda discussing curatorship.

Box 20 of 35 Folder 12 Paleobiology, Department of, arrangement of collections, 1960-1963, 1966. Contains memoranda discussing arrangement of type and collection fossils.

Box 20 of 35 Folder 13 Paleobiology, Department of, decline of professional staff, 1968, 1970

Box 20 of 35 Folder 14 Paleobiology, Department of, newspaper clippings, 1957-1970, and undated. Contains miscellaneous clippings of new discoveries, overview of institution, and other Smithsonian activities.

Box 20 of 35 Folder 15 Paleobiology, Department of, new arrangement, 1970. Concerns reorganization following abolition of Supervisor position.

Box 20 of 35 Folder 16 Paleobiology, Department of, organization, 1963-1967. Contains memoranda and reports discussing organization of Department of Paleobiology following split of Department of Geology.

#### Box 21

Box 21 of 35 Folder 1 Paleobiology, Department of, private funds, 1971-1972. Contains memoranda explaining various funds available to the Department.

Box 21 of 35 Folder 2 Paleobiology, Department of, private funds, 1949, 1958, 1962-1965. Concerns Roland Wilbur Brown Fund. Includes copy of Last Will and Testament.

Box 21 of 35	Folder 3 Paleobiology, Department of, private funds, 1959-1970. Contains Requests for supplies, services, and equipment using private funds.
Box 21 of 35	Folder 4 Paleobiology, Department of, Staff Activities, 1973-1974. Includes reports by: Notes: <ul style="list-style-type: none"><li>• Adey, Walter H.</li><li>• Benson, Richard H.</li><li>• Boardman, Richard S.</li><li>• Buzas, Martin A.</li><li>• Cheetham, Alan H.</li><li>• Cifelli, Richard</li><li>• Collier, Frederick J.</li><li>• Emry, Robert J.</li><li>• Grant, Richard E.</li><li>• Hickey, Leo J.</li><li>• Hotton, Nicholas, III</li><li>• Hueber, Francis M.</li><li>• Kauffman, Erle Galen</li><li>• Kier, Porter M.</li><li>• Macintyre, Ian G.</li><li>• Pierce, Jack W.</li><li>• Ray, Clayton E.</li><li>• Stanley, Daniel J.</li><li>• Towe, Kenneth M.</li><li>• Waller, Thomas R.</li></ul>
Box 21 of 35	Folder 5 Paleobiology, Department of, staffing plans, 1961-1966. Includes plans relating to the Division of Invertebrate Paleontology, and discussion of splitting the Department of Geology.
Box 21 of 35	Folder 6 Paleobotany, Division of, 1964
Box 21 of 35	Folder 7 Parking, 1964, 1969, 1973, 1979-1981. Contains memoranda on employee parking.
Box 21 of 35	Folder 8 Passports, 1980. Memoranda discussing application requirements.
Box 21 of 35	Folder 9 Performance Evaluation, 1976. Contains career ladder guidelines for GS-1016 Museum Aid, Technician, and Specialist Positions.
Box 21 of 35	Folder 10 Performance Evaluation, 1980-1982. Includes evaluation plan for professional accomplishments guidelines for 1980 and 1982.
Box 21 of 35	Folder 11 Personnel Division, 1961-1979. Includes memoranda explaining policies and discussing programs.
Box 21 of 35	Folder 12 Personnel Management Survey for Department of Paleobiology, 1978



Box 21 of 35	Folder 13 Photographic Equipment, 1949-1950, 1958-1959, 1961. Includes inventories of equipment.
Box 21 of 35	Folder 14 Photographic Laboratory, NMNH, Policies and Charges, 1959-1964, 1968-1971, 1973, 1979.
Box 21 of 35	Folder 15 Policies on New Appointments, 1978-1979
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Box 22 of 35	Folder 1 Polish Symposium, 1967-1968. Documents meeting between staff of the Department of Paleobiology, NMNH, and staff of the Institute of Paleozoology of the Polish Academy of Sciences and the Paleontology Department of the University of Warsaw, August-September 1968. See also: Public Service, Box 22, Folder 10.
Box 22 of 35	Folder 2 Position Vacancies and Position Descriptions, 1963, 1967-1971, 1974, 1979
Box 22 of 35	Folder 3 Postdoctoral and Predoctoral Fellows, 1970-1973
Box 22 of 35	Folder 4 Professional Accomplishments Evaluation Committee, 1964-1970, 1973. Contains memoranda on implementing system.
Box 22 of 35	Folder 5 Professional Accomplishment Evaluation Plan, 1966. Contains guidelines. See also: Performance Evaluation, Box 21, Folders 9-10.
Box 22 of 35	Folder 6 Professional Advancement data, 1970, 1972. Contains "Average Time in Grade" statistics for the NMNH.
Box 22 of 35	Folder 7 Property Passes, 1971-1975, 1980-1982. Contains memoranda granting authority to issue passes.
Box 22 of 35	Folder 8 Protection Division, 1969-1972
Box 22 of 35	Folder 9 Public Affairs, Office of, 1965-1972
Box 22 of 35	Folder 10 Public Service, 1964, 1966, 1970. Includes memorandum referring to arrangements for the Department's visit to Poland.
Box 22 of 35	Folder 11 Radiation Sources, registration, 1967
Box 22 of 35	Folder 12 Receptions, 1971. Contains documentation of April 13, 1971, reception held by the Department.
Box 22 of 35	Folder 13 Records Management Program, 1951-1953, 1957-1962, 1964, 1966
Box 22 of 35	Folder 14 Recruitment, 1978-1981

Box 22 of 35	Folder 15 Registrar, 1969-1971, 1979. Includes memoranda on shipping policies.
Box 22 of 35	Folder 16 Requests for identification badges, 1974, 1979-1980
Box 22 of 35	Folder 17 Requisitions, East Wing Funds, 1963-1964
Box 22 of 35	Folder 18 Research Awards, 1971, 1979. Contains summaries of amounts awarded to recipients.
Box 22 of 35	Folder 19 Research Opportunities, 1968, 1970, 1974. Includes memorandum discussing museum reorganization plan, 1968.
Box 22 of 35	Folder 20 Research and Publications, circa 1969. Contains summary of publications by department researchers.
Box 22 of 35	Folder 21 Research Reports, 1972-1974, numbers 1-8.
Box 22 of 35	Folder 22 Role of the Chairman, 1970. Contains memorandum discussing functions of the Department Chairman within the NMNH.
Box 22 of 35	Folder 23 Rotation of the Chairman, 1964, 1966-1969. Contains memoranda discussing policies regarding rotation of chairmen.
Box 22 of 35	Folder 24 Royal Ontario Museum, 1969. Contains Report on Paleontological Excavations Carried out by a Field Party of the Royal Ontario Museum, During July and August, 1969.
Box 22 of 35	Folder 25 Safety Management, 1968, 1979
Box 22 of 35	Folder 26 scholarly Studies Program, 1979-1981
Box 22 of 35	Folder 27 Scientific Event Alert Network, 1979-1980. Contains Bulletin, numbers 4-5.
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Box 23 of 35	Folder 1 Security needs at NMNH, 1970-1974, 1979
Box 23 of 35	Folder 2 Senate of Scientists, Scientific Council, 1968-1972, 1979. Includes draft report of rationale of growth for the museum collections.
Box 23 of 35	Folder 3 Senate of Scientists, 1964-1965, 1968-1969. Includes summary reports of meetings.
Box 23 of 35	Folder 4 Short-term Visitors, 1969, 1971-1972, 1979
Box 23 of 35	Folder 5 Smithsonian Bicentennial Celebration, 1964-1965

Box 23 of 35	Folder 6 Smithsonian, 1970-1972
Box 23 of 35	Folder 7 Smithsonian Associates, 1966-1967, 1970
Box 23 of 35	Folder 8 Smithsonian Contributions Series, 1980. Contains memoranda and guide relating to Handbook of North American Indians.
Box 23 of 35	Folder 9 Smithsonian Institution, 1949. Contains article on "The Organization and Activities of the Smithsonian Institution."
Box 23 of 35	Folder 10 Smithsonian Institution Archives, 1969, 1971-1972
Box 23 of 35	Folder 11 Smithsonian Institution Building, 1968-1969
Box 23 of 35	Folder 12 Smithsonian Institution Council, 1974, 1979
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Box 23 of 35	Folder 16 Smithsonian Seal, use of, 1972
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Box 23 of 35	Folder 19 Smithsonian Year, 1979
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Box 24 of 35	Folder 1 Soil Biology Program, 1964
Box 24 of 35	Folder 2 Space requirements, 1949-1950, 1957, 1964-1965, 1972, 1979. Includes floor plan of East Wing basement.
Box 24 of 35	Folder 3 Space requirements for off-Mall laboratory and storage facility, 1969, 1971, 1973. See also: Museum Support Center, Box 19, Folders 6-8; and Building Number 3, Box 14, Folder 13.
Box 24 of 35	Folder 4 Special Events applications, 1979-1980, 1982
Box 24 of 35	Folder 5 Specimen Count, Department of Geology, 1952
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Box 24 of 35	Folder 7 Springer Collection, 1969-1974. Concerns Frank Springer Collection of Fossil Echinoderms.
Box 24 of 35	Folder 8 Staff Dining Room, Museum of History and Technology, 1967

Box 24 of 35	Folder 9 Staff Titles, 1966-1967
Box 24 of 35	Folder 10 Standards of Conduct, 1966, 1972, and undated
Box 24 of 35	Folder 11 Steering Committee, Academic Studies, 1969, 1971, 1973
Box 24 of 35	Folder 12 Storage Cases, 1950, 1957, 1959, 1962, 1965-1967, 1969-1973, 1977
	Note: 9 blueprints of storage cases were removed from this folder. See Series 12, BLUEPRINTS AND MECHANICAL DRAWINGS. Summary: Note: 9 blueprints of storage cases were removed from this folder. See Series 12, BLUEPRINTS AND MECHANICAL DRAWINGS.
Box 24 of 35	Folder 13 Storage Locations, access list, 1973-1974
Box 24 of 35	Folder 14 Student Pre-placement Work Program, 1979
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Box 24 of 35	Folder 18 Supply Division, 1967-1974, 1979-1982
Box 24 of 35	Folder 19 Systematics, Present and Future Trends, 1972
Box 24 of 35	Folder 20 Telephone, long distance calling procedures, 1966-1967, 1969-1972, 1974, 1979
Box 24 of 35	Folder 21 Translations, 1979-1980. Includes Special Foreign Currency Science Information Program pamphlets, "List of Translations in Process," for both 1979 and 1980.
Box 24 of 35	Folder 22 Travel, 1976, 1978-1982. Contains travel vouchers and authorizations for Department researchers.
Box 24 of 35	Folder 23 Traveling Medical Routine, 1969
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Box 25 of 35	Folder 1 Tropical Environmental Sciences Program, 1980-1984. Includes proposals for work in Panama and Rhode River Site.

Box 25 of 35	Folder 2 United States Geological Survey, Paleontology and Stratigraphy Branch, 1961, 1965-1966. Includes official correspondence between Branch and the NMNH.
Box 25 of 35	Folder 3 United States Geological Survey, Paleontology and Stratigraphy Branch, 1952-1953. Contains objectives of Program.
Box 25 of 35	Folder 4 United States Geological Survey, Paleontology and Stratigraphy Branch, Monthly Reports, 1968-1972. This series is incomplete.
Box 25 of 35	Folder 5 United States Geological Survey, Paleontology and Stratigraphy Branch, 1968-1972. Contains correspondence between William A. Oliver, Jr., and Porter M. Kier relating to the Journal of Paleontology. Also includes reprint, Jull, R. K., 1969, "Aphrophyllum (Rugosa) from Lower Carboniferous Limestones near Bingara, New South Wales," Proceedings of the Linnean Society of New South Wales, vol. 93(2), pp. 193-202.
Box 25 of 35	Folder 6 United States Geological Survey, Paleontology and Stratigraphy Branch, circa 1964-1974. Contains scientific correspondence of Geological Survey employees housed in the NMNH. Includes significant correspondence of: Notes: <ul style="list-style-type: none"><li>• Berdan, Jean N.</li><li>• Hazel, Joseph E.</li><li>• Henbest, Lloyd George</li><li>• Ladd, Harry Stephen</li><li>• Mamay, Sergius H.</li><li>• Pecora, William T.</li><li>• Pojeta, John, Jr.</li><li>• Sohl, Norman F.</li><li>• Sohn, I. Gregory</li><li>• Taylor, Mike</li><li>• Whitmore, Frank C., Jr.</li><li>• Woodring, Wendell P.</li><li>• Yochelson, Ellis L.</li></ul>
Box 25 of 35	Folder 7 United States Geological Survey, Paleontology and Stratigraphy Branch, undated. Contains accession lists from the Survey, circa 1890-1947.
Box 25 of 35	Folder 8 United States Geological Survey, 1967. Contains memorandum clarifying relationship between USGS and USNM paleontologists.
Box 25 of 35	Folder 9 Vehicles, Smithsonian, 1970, 1972, 1979. Contains memoranda explaining regulations and providing registration material.
Box 25 of 35	Folder 10 Vertebrate Zoology, Department of, 1963, 1966-1968, 1971-1972, 1981. Includes report of Review Committee, 1981. See also: Advisory Committee, Review Panel for Vertebrate Zoology, Box 13, Folder 15.

Box 25 of 35	Folder 11 Visitors, 1963, 1968, 1972-1973, 1980-1981. Includes procedures for documenting and registering visitors, and also memoranda requesting identification cards for various individuals. See also: Short Term Visitors, Box 23, Folder 4.
Box 25 of 35	Folder 12 Volunteers in Department of Paleontology, 1979-1980
Box 25 of 35	Folder 13 Walcott, Charles D., Fund, 1958-1972. Includes purchase orders, travel order, and requisition forms documenting items purchased under the Walcott Fund.
Box 25 of 35	Folder 14 Walcott, Charles D., Fund, 1962-1964, 1968. Contains memoranda relating to purchase of several departmental vehicles.
Box 25 of 35	Folder 15 Walcott, Charles D., Fund for Emergencies, 1966-1968
Box 25 of 35	Folder 16 Word processing, 1980-1981

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## Series 8: CORRESPONDENCE WITH SMITHSONIAN BUREAUS, OFFICES, AND STAFF, 1949-1974 with materials from 1882 and 1885

Note: This series contains incoming and outgoing memoranda. This material was separated from Series 7 in archival processing, and is arranged alphabetically by the individual addressed in the memoranda. Of special interest in this series are copies of nineteenth-century correspondence between Charles D. Walcott and Spencer F. Baird, and the extensive correspondence of Richard Sumner Cowan as Head of the Smithsonian Office of Systematics.

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Box 26 of 35	Folder 1 Barwick, F. G., 1966-1967. Chief, Supply Division
Box 26 of 35	Folders 2-3 Bradley, James C., 1960, 1963-1968, 1970-1972. Assistant Secretary for Administration
Box 26 of 35	Folder 4 Brooks, Robert A., 1973-1974. Under Secretary. Includes "Summation of Priorities" report for both 1973 and 1974.
Box 26 of 35	Folder 5 Byrd, Mabel A., 1957, 1959, 1961-1962, 1965, 1967, 1972
Box 26 of 35	Folder 6 Challinor, David, 1971-1973. Assistant Secretary for Science
Box 26 of 35	Folders 7-14 Cowan, Richard Sumner, 1965-1969. Director of NMNH and head of the Smithsonian Office of Systematics. Includes documentation of various summer institutes in systematics, memoranda to professional research staff and department chairmen, and memoranda from department staff and chairmen to the Director, or thru the Director's office. Also includes Director's statement to the House Subcommittee on Libraries and Memorials, July 30, 1970.
Box 26 of 35	Folder 15 Eisenberg, John F., 1967. National Zoological Park. Contains research proposal, "Studies on the behavior and ecology of the Ceylonese elephant," with Helmut K. Buechner.
Box 26 of 35	Folder 16 Galler, Sidney Roland, 1965-1970. Assistant Secretary for Science
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Box 27 of 35	Folder 1 Gray, Clinton W., 1969. National Zoological Park. Contains research proposal, "Studies to establish the physiological norms of the Ceylonese elephant, <i>Elephas maximus maximus</i> L."
Box 27 of 35	Folder 2 Hearn, Paul, 1974
Box 27 of 35	Folder 3 Henbest, Lloyd George, 1968

Box 27 of 35	Folder 4 Hulings, Neil C., 1967, 1969. Mediterranean Marine Sorting Center. Includes Annual Report, 1967 and 1969, and research proposal, "A survey of the marine fauna and flora of Morocco."
Box 27 of 35	Folders 5-9 Knierim, Paul K., 1968-1972. Assistant Director, NMNH.
Box 27 of 35	Folder 10 Krombein, Karl V., 1967, 1970. Chairman, Department of Entomology.
Box 27 of 35	Folder 11 Krombein, Karl V. and Flint, Oliver S., Jr., 1969. Includes research proposal, "Biosystematic studies of the insects of Ceylon."
Box 27 of 35	Folder 12 Mason, Robert W., 1973. Executive Director, Smithsonian Associates
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Box 27 of 35	Folder 14 Mello, James F., 1973-1974, Assistant Director, NMNH
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Box 27 of 35	Folder 16 Michaels, Andrew F., Jr., 1959-1963, 1965-1966. Building Management
Box 27 of 35	Folder 17 Miller, H. Crane, 1966
Box 27 of 35	Folder 18 Multhauf, Robert P., 1959-1960 Director, NMHT
Box 27 of 35	Folder 19 Myrick, Albert C., Jr., 1966-1970. Museum Technician, Department of Paleobiology
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Box 27 of 35	Folder 22 Pearce, Franklin L., 1948, 1960-1968. Chief, Laboratory of Vertebrate Paleontology
Box 27 of 35	Folder 23 Phelan, Thomas F., 1957-1969, 1974. Museum Specialist, Collaborator
Box 27 of 35	Folder 24 Rice, Mary E., 1968. Division of Worms, Department of Invertebrate Zoology. Contains research proposal, "International symposium on the biology of sipunculids."
Box 27 of 35	Folders 25-27 Ripley, S. Dillon, 1964-1970. Secretary. Includes memoranda to and from individuals in the Department of Paleobiology,



and incoming and outgoing correspondence related to museum  
collections and programs.

Box 28

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| Box 28 of 35 | Folder 1 Ripley, S. Dillon, 1971-1974. Secretary. Includes memoranda to and from individuals within the Department of Paleobiology, and incoming and outgoing correspondence related to museum collections and programs (continued).  |
| Box 28 of 35 | Folders 2-3 Ripley, S. Dillon, 1964-1974. secretary. Includes memoranda to Department Heads, Curators, and Directors regarding policies and management.   |
| Box 28 of 35 | Folder 4 Ripley, Suzanne, undated. Contains progress report, "Smithsonian tame elephant project in Ceylon," with John F. Eisenberg.   |
| Box 28 of 35 | Folder 5-6 Ritterbush, Philip C., 1964-1968. Director, Office of Academic Programs  |
| Box 28 of 35 | Folder 7 Ritterbush, Philip C., 1967. Includes study of collection costs for NMNH by Mark Aldrich.  |
| Box 28 of 35 | Folder 8 Squires, Donald F., 1958-1961, 1965-1968. Chairman, Education Committee  |
| Box 28 of 35 | Folder 9 Stewart, Thomas Dale, 1962-1965. Director, NMNH  |
| Box 28 of 35 | Folder 10 Suratt, Samuel T., 1966-1967. Archivist   |
| Box 28 of 35 | Folder 11 Taylor, Frank A., 1949, 1952, 1956, 1958-1959, 1962-1970. Director, USNM  |
| Box 28 of 35 | Folder 12 Walcott, Charles D., 1882, 1885. Contains copies of correspondence from Spencer F. Baird, Director of USNM, concerning appointment of Walcott as Honorary Assistant Curator of Fossil Invertebrates, and correspondence from Director of USGS regarding funds for fiscal year 1886. Also includes undated biographical information. |
| Box 28 of 35 | Folder 13 Weiss, Helena M., 1950-1967. Registrar, USNM  |
| Box 28 of 35 | Folder 14 Woodbury, Richard B., undated   |
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## Series 9: DIVISION OF INVERTEBRATE PALEONTOLOGY AND PALEOBOTANY, SUBJECT FILES, 1932, 1941-1963 with materials to 1971

Note: This series consists of the subject files for the Division of Invertebrate Paleontology and Paleobotany. These files were maintained separately from the departmental files in Series 7. Most of these files were created prior to the establishment of the Department of Paleobiology; therefore, documents added after 1963 are supplemental. Included in this series are documents relating to the formative period of the Treatise on Invertebrate Paleontology and the circa 1953 plans for modernizing and renovating exhibits. In addition, extensive documentation concerning space allocation is included. The material in this division consists of incoming and outgoing correspondence, predominately from within the Smithsonian Institution. The folders are arranged alphabetically by subject matter; titles generally were derived from the original folder titles.

### Box 29

Box 29 of 35	Folder 1 Annual Report on Specimens and Accessions, 1964-1968, 1970-1971
Box 29 of 35	Folder 2 Biennial Report of Record, 1962 and 1966
Box 29 of 35	Folder 3 Camera Equipment, 1950 and 1955. Contains invitation, bid, and purchase orders.
Box 29 of 35	Folder 4 Cataloguer, 1954-1957. Includes position description and memoranda to acquire personnel for cataloging specimens.
Box 29 of 35	Folder 5 Commerford, Lester E., 1948-1953. Includes requests for reprints of publications.
Box 29 of 35	Folder 6 Consulting, undated. Includes memoranda concerning consulting policy at museum.
Box 29 of 35	Folder 7 Cushman, Joseph A., Collection and Foundation, 1945, 1949-1951. Includes correspondence relating to acquisition of collection of Foraminifera, as well as specific inquiries relating to material within collection.
Box 29 of 35	Folder 8 Division Truck, 1951-1956. Concerns purchase and justification for vehicles for the Division of Invertebrate Paleontology and Paleobotany.
Box 29 of 35	Folder 9 East Wing Committee, 1958-1962
Box 29 of 35	Folder 10 Ecology Program of the Museum of Natural History, 1964
Box 29 of 35	Folder 11 Efficiency Ratings, 1953 and 1962. Includes performance ratings for William T. Allan, Anne L. Morgan, and Louis R. Purnell.

Box 29 of 35	Folder 12 Equipment, 1950-1954, 1968, and undated. Includes reference to diamond cutting and rock trimming machines and scanning electron microscope.
Box 29 of 35	Folder 13 Exhibition Agreement, 1960. Contains blank form, "Stipulations for Loan of Objects for Exhibition," revised June 1960.
Box 29 of 35	Folder 14 Foraminifera Authority, 1945-1946, 1949-1951, and undated. Contains correspondence and memoranda relating to type collection of Foraminifera. Also includes undated, 35-page invoice of Foraminifera specimens.
Box 29 of 35	Folder 15 Funds for short weekend trips, 1947-1948, 1950-1956. Includes requests for funds and reports of activities.
Box 29 of 35	Folder 16 Furniture and Supplies, 1941-1943, 1946, 1950-1952, and undated. Includes requisitions for funds and justifications; also includes several hand drawn plans for construction, circa 1945.
Box 29 of 35	Folder 17 Glass Mountain fieldwork correspondence, 1950-1951. Includes letters requesting permission to visit private property for collecting trips.
Box 29 of 35	Folder 18 Geological Society of America, undated. Includes blank abstract form for 1966 Annual Meeting, and biographical information for individuals nominated for foreign correspondents, including: Notes: <ul style="list-style-type: none"><li>• Arkell, William Joscelyn</li><li>• Backlund, Helge Gotrik</li><li>• Cotton, Charles Andrew</li><li>• Eckermann, Harry von</li><li>• Jeffreys, Harold</li><li>• Kozlowski, Roman</li><li>• Licharev, Boris K.</li><li>• Magnusson, Nils Harald</li><li>• Opik, Armand Alexander</li><li>• Pruvost, Pierre</li><li>• Sander, Bruno</li><li>• Scheumann, Karl Hermann</li><li>• Schindewolf, Otto H.</li><li>• Spencer, Leonard James</li><li>• Vogt, Thorolf</li><li>• Wegmann, C. Eugene</li></ul>
Box 29 of 35	Folder 19 Geological Survey, United States, 1952. Plan of Organization
Box 29 of 35	Folder 20 Honors conferred on members of the Division of Invertebrate Paleontology and Paleobotany, circa 1955. Includes references to: Notes: <ul style="list-style-type: none"><li>• Bassler, Ray S.</li><li>• Bessey, Charles Edwin</li><li>• Cooper, G. Arthur</li><li>• Knight, J. Brookes</li></ul>

- Loeblich, Alfred R., Jr.

Box 29 of 35	Folder 21 Incentive Awards Committee, 1955-1957, 1966
Box 29 of 35	Folder 22 Loeblich, Alfred Jr., 1946-1957. Contains personnel documents.
Box 29 of 35	Folder 23 Management Improvement Program, circa 1950- 1953. Includes description of management problems, guidelines, and work logs for division staff, September 1950.
Box 29 of 35	Folder 24 Miscellaneous publications, undated. Includes list of publications by Charles Edwin Bessey.
Box 29 of 35	Folder 25 National Science Foundation, 1956-1957. Includes correspondence regarding research proposals and research proposals for: Notes: <ul style="list-style-type: none"><li>• Cifelli, Richard, 1960. Documents support for attending international meeting;</li><li>• Cooper, G. Arthur, 1956. "Description, morphology, and paleoecology of the Permian brachiopods of the Glass Mountains";</li><li>• Loeblich, Alfred R., Jr., undated. "Study of planktonic Foraminifera";</li><li>• Palmer, Allison R., 1961. "Study of foreign Cambrian trilobites with American affinities."</li></ul>
Box 29 of 35	Folder 26 Nicol, David, 1949-1964. Contains personnel documents.
Box 29 of 35	Folder 27 Paleobotany, undated. Includes report, "The present status of the Paleozoic plant collections in the U.S. National Museum."
Box 29 of 35	Folder 28 Personnel Data, 1944, 1947-1948, 1952-1955, 1961-1962. Includes job specifications, job performance ratings, appointment papers, and memoranda discussing candidate abilities.
Box 29 of 35	Folder 29 Photographic Darkroom, undated. Includes floor plans for construction and layout.
Box 29 of 35	Folder 30 Plan of Operation data, Fiscal Years 1952-1970. Contains budget figures only.
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Box 30 of 35	Folders 1-2 Plans for Modernization and Renovation of Exhibits. Includes three photographs of fossil invertebrate hall, USNM, circa 1953, with duplicates.
Box 30 of 35	Folder 3 Press Clippings, 1953

Box 30 of 35	Folder 4 Press releases, 1953. Includes correspondence of G. Arthur Cooper relating to an article published in Life magazine, 22 June, 1953, pp. 63-64.
Box 30 of 35	Folder 5 Research Program statements, 1951-1957, 1960-1963
Box 30 of 35	Folder 6 Records Management, 1952-1956, 1964
Box 30 of 35	Folder 7 Regents, Board of, 1953-1957. Includes memoranda regarding exhibits, meetings, and notices of outstanding events.
Box 30 of 35	Folder 8 Science Information Exchange, 1965
Box 30 of 35	Folder 9 space for Offices, circa 1948-1950. Includes floor plans of Natural History Building.
Box 30 of 35	Folder 10 Specimens discarded by G. Arthur Cooper, 1953-1956. Contains several address labels with no information about material discarded.
Box 30 of 35	Folder 11 Tertiary Collection, 1950 and undated
Box 30 of 35	Folder 12 Travel documents, 1951-1956. Includes travel orders, reports of activities, and funding requests.
Box 30 of 35	Folders 13-14 Treatise on Invertebrate Paleontology, 1949-1951. Includes discussion of formative stages of Treatise.
Box 30 of 35	Folder 15 Vaughn, Peter P., 1957-1958. Includes personnel documents and documents relating to ongoing research.
Box 30 of 35	Folder 16 Walcott, Charles D., Fund, 1932, 1941
Box 30 of 35	Folder 17 Washington Academy of Sciences, 1955

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## Series 10: DIVISION OF INVERTEBRATE PALEONTOLOGY AND PALEOBOTANY, GENERAL CORRESPONDENCE FILES, 1896, 1930-1965 with materials from 1896

Note: This series consists of professional and administrative correspondence of members of the Division of Invertebrate Paleontology and Paleobotany, Department of Geology. This material, like that of Series 9, was maintained separately from the departmental correspondence. Only incoming and outgoing correspondence for letters K to Z has survived, and it is arranged alphabetically by author. The majority of the material in this collection dates from the middle 1950s, and documents the correspondence of C. Arthur Cooper. Professional matters, such as analysis and classification and loan of specimens, and administrative matters, such as personnel documents, budgeting requests, and public inquiries, are equally represented in this series. Of special interest is the correspondence of Alexander Wetmore, which includes documents relating to the early career of G. Arthur Cooper, and 1896 correspondence between David Starr Jordan and Gardiner Greene Hubbard.

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Box 31 of 35	Folder 3 Kauffman, Erle Galen, 1959-1961, 1963-1965
Box 31 of 35	Folder 4 Kay, G. Marshall, 1953-1954, 1956-1957
Box 31 of 35	Folder 5 Keddy, John L., 1946-1953, 1956-1957
Box 31 of 35	Folder 6 Kellogg, A. Remington, 1946-1951. Contains requests for funding.
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Box 31 of 35	Folder 8 Kelly, William A., 1953-1954, 1957
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Box 31 of 35	Folder 29 Levering, Nancy, 1955. Concerns Life magazine interview with G. Arthur Cooper.
Box 31 of 35	Folder 30 Lintz, Joseph, Jr. 1954-1956
Box 31 of 35	Folders 31-32 Loeblich, Alfred R., Jr., 1946-1957. Includes memoranda, correspondence, personnel records, application for Associate Curator, 1946, and correspondence with G. Arthur Cooper during travel.
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Box 32 of 35	Folder 24 Nicol, David, 1948-1957, Includes memoranda, correspondence, personnel records, application for Associate Curator, 1946, and correspondence from field locations.
Box 32 of 35	Folder 25 Northrop, Stuart, 1955
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Box 32 of 35	Folder 28 Oliver, Lawrence L., 1939-1957. Includes correspondence relating to the construction of an acid etching room in the Natural History Building.
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Folder 32 Wetmore, Alexander, 1931-1932, 1943-1944, 1946-1947,  
1950-1951. Includes:

Notes:

- Memoranda from G. Arthur Cooper to Leonhard Stejneger discussing Cooper's long-term research, 1932;
- Manuscript, undated. "Permian studies at the Smithsonian Institution," G. Arthur Cooper and J. Brookes Knight;
- Manuscript, 1946. "Department of Biology: history of collections";
- Correspondence between David Starr Jordan and Gardiner Greene Hubbard, 1896.

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Folder 33 Young, Robert S., 1953-1956

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## Series 11: EXHIBITION SCRIPTS, 1938, 1952, 1956-1971

Note: In the early 1960s, the exhibition halls relating to paleontology were remodeled. The scripts in this series correspond to the new exhibit labels created during these renovations. As part of the eight-year, museum-wide Exhibits Modernization Program, on June 6, 1961, three halls formally opened: the Hall of Fossil Plants and Invertebrate Animals; the Hall of Fossil Fishes, Amphibians, and Primitive Reptiles; and the Hall of the Age of Mammals in North America. On June 25, 1963, the Hall of Dinosaurs and Other Fossil Reptiles opened. The scripts from the Hall of Dinosaurs and Other Fossil Reptiles were separated from Series 7, and the scripts pertaining to the other exhibits were separated from Series 9. In the 1970s, another exhibits renovation plan was initiated in the museum. Committee reports and plans from that program are also included in this series. Assorted guidelines and memoranda documenting exhibit preparation, modernization, and condition are included, as well as documents relating to the opening of these halls.

## Box 34

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Box 35 of 35                      Folder 2 Exhibitions Program Development for FY 1970, 1967-1971

Box 35 of 35                      Folder 3 Guidelines and correspondence relating to exhibit unit scripts, 1956-1958

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Box 35 of 35                      Folder 5 Cambrian sea bottom

Box 35 of 35                      Folder 6 Cartilaginous Fishes

Box 35 of 35                      Folder 7 Classification of Dinosaurs

Box 35 of 35                      Folder 8 Descriptive cases for Dioramas

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Box 35 of 35                      Folder 10 Dinosaur Life during Jurassic Times

Box 35 of 35                      Folder 11 Fishes of the Age of Mammals

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Box 35 of 35	Folder 19 Kinds of Reptiles
Box 35 of 35	Folder 20 Life in the Pre-Cambrian
Box 35 of 35	Folder 21 Map of Paleontological Halls
Box 35 of 35	Folder 22 Marine Reptiles
Box 35 of 35	Folder 23 Origin of Jaws
Box 35 of 35	Folder 24 Permian Reptiles
Box 35 of 35	Folder 25 Permo-Triassic Reptiles of South Africa
Box 35 of 35	Folder 26 Planned scripts for Hall IV
Box 35 of 35	Folder 27 Plesiosaur skull
Box 35 of 35	Folder 28 Ray-finned fishes, Lung fishes, and Fringe-finned fishes
Box 35 of 35	Folder 29 Reptiles of the Mesozoic Era
Box 35 of 35	Folder 30 Restored Late Pennsylvanian Coal Swamp
Box 35 of 35	Folder 31 Stem Reptiles
Box 35 of 35	Folder 32 Transition from Life in Water to Land
Box 35 of 35	Folder 33 Triassic Amphibians
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Box 35 of 35	Folder 35 Unusual Fossil Plants

Box 35 of 35	Folder 36 Vertebrate Fossils of the Washington Area
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Box 35 of 35	Folder 57 Sedimentary Rocks

Box 35 of 35	Folder 58 Sponges
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Box 35 of 35	Folder 61 Fossil Halls, Invertebrates, 1959-1962. Includes material relating to opening of the halls in 1961. Also includes draft of speech delivered by G. Arthur Cooper, "Remarks at the Opening of the Paleontology Halls."
Box 35 of 35	Folder 62 Fossil Hall, Dinosaur and Other Reptiles Exhibit, 1963. Includes material relating to the opening of the hall in 1963.

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## Series 12: BLUEPRINTS AND MECHANICAL DRAWINGS, 1916, 1931-1971

Note: This series contains blueprints and mechanical drawings for items constructed for the Departments of Geology and Paleobiology. Five separate versions of storage cabinets are represented, as are several versions of a sink, which was constructed for G. Arthur Cooper in connection with the acid-etching program he initiated at the USNM. The drawings were separated from the Department of Paleobiology Subject Files, Series 7. This material is arranged chronologically, according to the date marked on the drawing itself.

Oversize	
Oversize	October 1916. Contains full size details of U.S. National Museum standard storage unit drawers.
Oversize	March 18, 1931. Contains two copies of the drawings for U.S. National Museum standard quarter unit storage case for standard unit storage drawers.
Oversize	September 1, 1953. Consists of one drawing of standard plug outlet, plugs, and seals, M-6780R4.
Oversize	May 20, 1959. Consists of one drawing of a rectangular tank for acid etching laboratory, B-10469 and B-10469R.
Oversize	October 4, 1966. Consists of one drawing of a U.S. National Museum storage unit 250.
Oversize	May 16, 1969. Contains drawings of standard storage cases for specimen collection use.
Oversize	December 30-31, 1971. Contains drawings of standard storage cases for specimen collection use.

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## Series 13: RICHARD S. BOARDMAN, OUTGOING MEMORANDA, 1958-1970

Note: This series contains outgoing memoranda of Richard S. Boardman. In 1958, Richard S. Boardman started working at the United States National Museum in the Division of Invertebrate Paleontology and Paleobotany as an associate curator. He advanced to associate curator in charge in 1961, and to curator in 1962, a position he held until his retirement in 1985. Upon his retirement he was named curator emeritus. The memoranda document daily activities of the division including supply and service requests, committee reports, training reports, personnel, development of new programs, space problems, budget, staff publications, review of manuscripts, and management of the collections. Subjects of special interest include preparation for the department's exchange program trip to Poland in 1968, the Program of International Paleobiology (PIP), relations between the division and the Oceanography Program, a proposed liaison with Johns Hopkins, and the establishment of a search committee for a new chairman. This material is arranged chronologically.

### Box 35

Box 35 of 35	Folder 63 Outgoing memoranda, 1958-1963
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