

Register to the Papers of
John Lawrence Angel

Robert Lynn Montgomery
1994

Revised by Jennifer Chen,
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2006

National Anthropological Archives
Smithsonian Institution

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Introduction

The papers of John Lawrence Angel present a complete portrait of the professional life of one of the most important and influential physical anthropologists in the United States. Angel was best known for his work with cultures in the eastern Mediterranean and for his work in forensic anthropology; but his contributions were widespread. His influence was felt in studies of human microevolution, the relationship between environment and disease, human evolution, and paleopathology. His research was said to be ten years ahead of its time.

The papers include correspondence with many of the leading anthropologists of the time; honors and awards bestowed on Angel; materials on Angel's educational career, both as an undergraduate and as a teacher; extensive photographs; a virtually complete collection of his writings; materials concerning his research and his work in forensic anthropology; and his activities in professional organizations. The bulk of the papers reflect Angel's life-long interest in examining the relationship between culture and biology in human groups through time. There are a few records on Angel's administrative involvement in the Department of Anthropology of the United States National Museum/National Museum of Natural History.

Chronology of the Life of John Lawrence Angel

1915	Born March 21 in London, England to John Angel and Elizabeth Day Seymour.
1928	Emigrated to the United States from England.
1934	Summer field school, University of New Mexico.
1935	Summer field work, Museum of Northern Arizona.
1936	A.B., Anthropology, Harvard College; summer field work at the Sante Fe Laboratory of Anthropology (Macon, Georgia expedition).
1937	Became a naturalized American citizen, 15 June; married Margaret (Peggy) Seymour Richardson, 1 July.
1937-1939	Field work in Greece: worked in Greece from early November 1937 until the end of January 1939 when illness forced his return in April; in the winter of 1937-1938, Angel worked in the American excavations in the Agora at Athens, in the American excavations at Old Corinth, and in the Greek National Museum in Athens; in the spring of 1938, Angel worked in the Greek Anthropological Museum in the Athens University Medical School in Goudi, and at the Agora excavations; from May to June, Angel measured villagers and excavated over 100 burials from the Riverside cemetery under David M. Robinson at the American excavations at Olynthus, Macedonia; Angel then worked in

Athens and Corinth for a short time; from July to August Angel worked on skeletons from Troy (which W.T. Semple of the University of Cincinnati had deposited) and Babokoy, Anatolia, as well as on skulls from Nippur and Sidon in the Archeological Museum at Istanbul, Turkey; from mid-August to early September Angel studied skeletal material from southwestern Cephallenia in the museum at Argostoli; Angel then measured skulls in the museum at Thebes and at Schematari (Tanagra) in Boeotia; from October to November Angel studied skulls from Corinth; Angel then returned to Athens to study skeletons from the German excavations at the Kerameikos and the material in the Athens Anthropological Museum and National Museum; in 1939 Angel measured people at the Agora excavations north of the Acropolis and studied skulls excavated by T.L. Shear in Athens and Corinth. During these years, Angel made one day trips to many places, including Nauplia, Tolon, Mycenae, Nemea, Aigosthina, Parnos, Aigina, Marathon, Therikos, and Sounion; support was from traveling fellowships from the departments of Anthropology and Classics of Harvard University, half of a Sheldon fellowship, the Albert and Anna Howard fellowship (Harvard), the Guggenheim Foundation, the Viking Fund, the American School of Classical Studies in Athens, the Jefferson Medical College, and the American Philosophical Society.

- 1939-1941 Assistant in Anthropology, Harvard University.
- 1940 Elected to membership in the American Association of Physical Anthropologists.
- 1941-1942 Instructor in Anthropology, University of California, Berkeley.
- 1942 Doctor of Philosophy Degree, Anthropology, Harvard University.
- 1942-1943 Instructor in Anthropology, University of Minnesota.
- 1943-1950 Associate, Daniel Baugh Institute of Anatomy of the Jefferson Medical College in Philadelphia.
- 1944 Studied skeletal remains from excavations at Tranquillity, California, at the University Museum of the University of Pennsylvania and in the [Hearst] Museum of Anthropology at the University of California at Berkeley.
- 1944-1948 Research for the anthropological study of chronic disease at the Jefferson Medical College.
- 1946-1948 President, Philadelphia Anthropological Society; Associate Editor, *American Anthropologist*.
- 1946-1962 Research Associate, University Museum of the University of Pennsylvania-Philadelphia.
- 1947 Organized the Viking Fund summer seminar on growth and evolution.

- 1949 Field work in the Near East: In the spring, studied skulls from Kampi near Vasa in Central Cyprus at the Department of Antiquities museum in Nicosia on a visit to Cyprus and Greece; studied skeletons and living Cypriote villagers at the University of Pennsylvania's Museum headquarters in Episkopi, and skeletal material from Bamboula at the Cyprus Museum; support was from Harvard University, the Guggenheim Foundation (Guggenheim Fellowship), Wenner-Gren Foundation, Viking Fund, American School of Classical Studies, and Jefferson Medical School.
- 1949-1950 President, Philadelphia Society of the Archeological Institute of America.
- 1950-1951 Assistant Professor, Daniel Baugh Institute of Anatomy of the Jefferson Medical College in Philadelphia. 1950-1952
- 1950-1952 Executive Committee member, American Association of Physical Anthropologists.
- 1951 *Troy: The Human Remains*. Supplemental monograph to *Troy excavations conducted by the University of Cincinnati 1932-1938*.
- 1951-1954 Associate editor, *American Journal of Physical Anthropology*.
- 1951-1962 Associate Professor, Daniel Baugh Institute of Anatomy of the Jefferson Medical College in Philadelphia.
- 1952 Worked with Carleton Coon on skeletal material from Hotu Cave, Iran.
- 1952-1956 Secretary-treasurer, American Association of Physical Anthropologists.
- 1953-1966 Trustee for the Council for Old World Archaeology.
- 1954 Field work in the Near East: visited the British Museum (Natural History); studied skeletal material from Eleusis (Greece), at the Anthropological Museum of the Medical School of the University of Athens, and at the Agora Excavations Headquarters; studied Mycenaean skeletons (excavated by George E. Mylonas, John Papadimitriou, and A.J.B. Wace), Corinthian skeletons, Bronze Age Lernaean skeletons, and Bronze Age Pylian skeletons; again studied skeletal material excavated at Bamboula; supported by grants from the Harvard graduate school, the American Philosophical Society [Grant No. 1714], and the National Institutes of Health Grant No. A-224, the Jefferson Medical College, the University Museum of the University of Pennsylvania, the American School of Classical Studies at Athens, and the Agora excavations; helped by Anastasios Pantazopoulos and Nikos Thiraios.
- 1954-1957 Restudy of subjects for the anthropological study of chronic disease originally performed at the Jefferson Medical College from 1944-1948.
- 1954-1970 Associate editor, *Clinical Orthopaedics*.

- 1956-1958 Council member of the American Society of Human Genetics.
- 1957 Field work in the Near East: visited the Laboratory of Anthropology in the Department of Anatomy at Oxford University; again studied skeletons from Eleusis in Greece; studied skeletons from Lerna, from the French excavations at Argos, from Pylos, from Corinthian sites near the Diolkos at the Isthmus and at Klenia, and from the Athenian Agora; supported by Grant No. 2150 from the American Philosophical Society and the National Institutes of Health; sponsored by Jefferson Medical College and the University Museum of the University of Pennsylvania; helped by Argyris Marinis and Panayotis Yannoulatos.
- 1957-1962 Civilian consultant in surgical anatomy to the United States Naval Hospital, Philadelphia.
- 1959-1960 Vice-President, American Association of Physical Anthropologists.
- 1960-1962 Member of the advisory panel on Anthropology and the History and Philosophy of Science for the National Science Foundation; consultant for the Harvard University-Johns Hopkins Hospital project on constitution and disease.
- 1960-1963 Associate editor, *American Journal of Physical Anthropology*.
- 1962 Professor, Daniel Baugh Institute of Anatomy of the Jefferson Medical College in Philadelphia; Chairman of Schools Committee of West Mt. Airy Neighbors; organized the thirty-first annual meeting of the American Association of Physical Anthropologists.
- 1962-1986 Curator, Division of Physical Anthropology, Department of Anthropology, United States National Museum (later the National Museum of Natural History), Smithsonian Institution, Washington, D.C.
- 1962-1965 Advisory panel for evaluating NSF Graduate Fellowships, National Academy of Sciences-National Research Council.
- 1962-1986 Professorial Lecturer in Anthropology at George Washington University, Washington, D.C.
- 1963-1986 Lecturer in forensic pathology, The Johns Hopkins University School of Public Health.
- 1965 Field work in the Near East: studied human bones from 22 sites in Greece and Turkey, including Petralona in eastern Macedonia (Palaeolithic skull), the Peneios River open sites (Theocharis and Miloicic), Tsouka cave on Mt. Pelion in Thessaly, Nea Nikomedeia near the Haliakmon River in Macedonia, Kephala on the coast of the Aegean island of Kea (Caskey), Hagios Stephanos in Laconia (Taylour), Kocumbeli near Ankara (Turkey), the Bryn Mawr College excavation at Elmali (working with Machteld Mellink), Karatas-Semeyuk in Lycia, Catal Huyuk (in the Korya Plain in Turkey) in the

- Archaeological Museum of Ankara, Argos, Agora Excavation, Attica, Mycanae, Corinth, Sparta, Alepotrypa (Foxes' Hole) in Mani, and in the museum at Verroia in Macedonia; supported through the SI Hrdlička Fund, the American Philosophical Society, and the Wenner-Gren Foundation.
- 1965-1970 Visiting Professor of Anatomy, Howard University Medical School, Washington, D.C.
- 1966 Summer Visiting Professor, University of California, Berkeley; *Early skeletons from Tranquillity, California.*
- 1967 Field work in the Near East: Turkey, studied skeletal remains from Catal Huyuk at the University of Ankara, and skeletons from Antalya, Elmali, and Karatas; Greece, studied skeletal remains from Franchthi cave, Athens, Kea, Nauplion, Corinth, and Asine; supported by the Hrdlička Fund. Organized a symposium on paleodemography, diseases and human evolution at the 66th meeting of the American Anthropological Association in Washington, D.C.
- 1969 Field work in the Near East: studied material from Kephala, Karatas, and Franchthi cave; supported by the Hrdlička Fund and the Wenner-Gren Foundation.
- 1970 Visiting Professor, Harvard University (Spring). Organized the 39th meeting of the American Association of Physical Anthropologists held in Washington, D.C.
- 1971 *The People of Lerna: Analysis of a Prehistoric Aegean Population.*
- 1972 Field work in the Near East: studied skeletons from Asine and Agora in Greece; supported by the Hrdlička Fund. 1974
- 1974 Organized a symposium in honor of Albert Damon, a medical anthropologist, at the 43rd meeting of the American Association of Physical Anthropologists held in Amherst, Massachusetts.
- 1974-1975 President, Anthropological Society of Washington.
- 1975 Field work in the Near East: studied skeletons at Asine and Agora in Greece and at Elmali, helped by David C. Fredenburg, and supported by the Hrdlička Fund; joined the American Academy of Forensic Sciences as a Provisional Member; published Human skeletons from Eleusis, in The south cemetery of Eleusis; worked on the organizing committees for meetings in Washington, D.C. for the Archaeological Institute of America.
- 1976 Studied skeletons at Colonial Williamsburg, Virginia, with the help of David Fredenburg (3 trips); organized a symposium in honor of T. Dale Stewart at the 45th meeting of the American Association of Physical Anthropologists held in St. Louis, Missouri.
- 1977 Field work in the Near East: worked in Thessaloniki, Istanbul, Ankara,

- Elmali, and Athens; field visit to Colonial Williamsburg.
- 1978 Field work in the Near East: studied skeletons from Byzantium and Turkey; skeletons were in Ankara and from Kalinkaya in the Hittite Territory of Central Anatolia; Byzantium specimens came from Kalenderhane Camii in Istanbul; field visit to Colonial Williamsburg.
- 1979 Published symposium in Angel's honor by the American Association of Physical Anthropologists; three days of field work at the British Museum (Natural History) during which he studied Egyptian and Greek skulls.
- 1979 Studied skeletons of African American slaves from Catoctin Furnace, Maryland.
- 1980 Field visit to Colonial Williamsburg.
- 1980-1985 President, American Board of Forensic Anthropology. 1982
- 1982 Field visit to Colonial Williamsburg.
- 1983 Awarded the Pomerance Medal for Scientific Contributions to Archaeology by the Archaeological Institute of America.
- 1984 Studied upper paleolithic skeletons from Wade Kubbania; award from the Physical Anthropology Section of the American Academy of Forensic Sciences.
- 1986 Died November 3; award from the Physical Anthropology Section of the American Academy of Forensic Sciences; was chosen to receive the Distinguished Service Award of the American Anthropological Association at their annual meeting in December.
- 1987 Memorial session in Angel's honor held at the annual meeting of the American Anthropological Association.

Scope and Content Note

Angel began his undergraduate studies at Harvard University in the classics, following in the footsteps of his American mother (who trained as a classicist and was the daughter of a Yale University professor of Greek) and his British father, who was a sculptor. While still an undergraduate, Angel came under the influence of Clyde Kluckhohn, Carleton S. Coon, and Earnest A. Hooton, and his interest turned to anthropology. The combination of anatomy and classicist training developed into a life-long interest and work in the social biology of the peoples of Greece and the Near East.

In addition to his work in Greece and the Near East, the papers include Angel's studies of American populations of colonial peoples and slaves; his forensic anthropology analyses of skeletal remains for law enforcement groups and the United States military; his studies of obesity and other diseases and the possible genetic link behind them; Angel's analysis

of the skeletal remains of James Smithson; his involvement in early reburial issues concerning American Indians, particularly the return of the remains of Captain Jack and other Modocs; and Angel's concern and involvement in civil liberty matters and in community affairs.

Restrictions: Access to some materials is temporarily restricted to maintain privacy or confidentiality. Restricted materials are noted in the container lists that follow. Please consult an archivist for further details.

Extent: Approximately 70 linear feet of textual materials and over 30,000 photographic items.

Related Collections

Additional materials in the National Anthropological Archives relating to Angel are in the papers of Marcus Solomon Goldstein, Raoul Weston LaBarre, and Waldo Rudolph and Mildred Mott Wedel; the records of the American Anthropological Association, the Central States Anthropological Society, the River Basin Surveys, and the Department of Anthropology of the United States National Museum/National Museum of Natural History; Photographic Lots 7D (photograph taken at the meeting of the American Anthropological Association at Denver in 1965) and 77-45 (group portrait of Smithsonian physical anthropologists); and MS 4822 (photographs of anthropologists in the Division of Physical Anthropology, Department of Anthropology of the United States National Museum/National Museum of Natural History). There are also materials on Angel in the non-archival reference file maintained by the NAA. The names used for ethnic groups were selected to maintain consistency among the archival holdings and are used without regard to modern preferences.

Processing Note

The majority of the Angel papers were arranged and foldered under subject headings when they were received. His arrangement was maintained for the bulk of the papers and the labels used for the new folders were usually taken from the original folder.

Provenance

Angel contracted hepatitis following coronary by-pass surgery in 1982 and died of the effects four years later. His papers were obtained by the National Anthropological Archives shortly thereafter. Some papers were obtained as the result of a bequest by Angel's wife, Margaret. The papers date from 1930 to 1987.

Series Descriptions and Container Lists

SERIES 1. MISCELLANEOUS PERSONAL PAPERS. 1933-1986. 3.8 ft.

Arranged alphabetically, except for the desk calendars which were placed at the end of the series.

These are papers Angel labeled as being personal papers, and include address books and desk calendars, newsclippings, class notes, correspondence, honors and awards, portraits, information about Angel's professional career, and data for his A.B. degree thesis. The class notes are from Angel's years as an undergraduate and graduate student at Harvard University, and include notes from classes taught by Earnest A. Hooton and Carleton S. Coon.

The Professional Accomplishments Evaluation Committee advised the director of the National Museum of Natural History on matters related to the competency and progress of staff members and of qualifications of candidates for new positions. The PAEC was used to complement the annual performance appraisals and focused on a longer term level of performance than the appraisal system. Angel served on the committee from 1970-1975 as department representative, and from 1971 to 1973 as chairman. Angel's PAEC reviews are excellent sources of information for what he was doing professionally in research (present and planned), publications, public functions, field work, exhibits, honors and awards received, professional memberships, grants and contracts, teaching, and job-related training. The desk calendars are arranged chronologically. These are Angel's appointment books, and the entries include notes on the courses he taught, meetings, visitors and researchers, addresses, research, notable events, and personal business. Angel did not describe anything in great detail; he usually only made a short note of the occurrence.

Box 1

Address books: 1954-1956 (includes addresses of patients, possibly participants in Angel's study of chronic disease [see the series on the anthropology of chronic disease], and trip expenses). **Articles and newspaper clippings on Angel, 1945-1983** (includes an article on the PUM II mummy and the Modoc skull controversy [see the series on legal matters]). **Class notes:** Harvard University. Miscellany, n.d., 1934-1937 (most undated; includes a schedule for an anatomy class by Morris, a handwritten transcript, a paper written for Anthropology 5a [1934-1935], and a report of grades). Undated (no class numbers; consists mainly of bibliographic sources and notes). New World archeology and ethnology Human biology 1933-1934, Biology A (Woodworth's class). 1934-1935 Anthropology 2 (Earnest A. Hooton's class on physical anthropology). Biology 23 and 26b (R.W. Rand's class; includes drawings for the lab class). 1935, 1936, 1939, 1941, Anthropology 4a and 4b (a class on the archaeology of Europe; Angel may have used these notes to teach a class at Harvard). 1936-1937 Anthropology 3b (Earnest A.

Hooton's class on race mixture; includes several of Angel's reports). Anthropology 11b (Carleton S. Coon's class; a report by Angel).

Box 2 (17 folders)

Anthropology 22 (Earnest A. Hooton's class on physical anthropology of racial groups; includes several of Angel's reports). Biology 11a (Allen's class). Examinations, 1936-1937 (questions from anthropology courses 1b, 3b, 11b, and 27). 1937 Unidentified class (paleontology?). Paleontology (1937?). Geology (1937?). 1940, gross anatomy. 1940-1941, seminars on physical anthropology and archeology.

Correspondence: 1958-1968 (not inclusive; includes Angel's letter to the American Association of University Professors concerning that organization's censure of Jefferson Medical College for its firing of three professors with supposed Communist ties; John L. Caskey's letter of introduction for Angel, and another letter of introduction by Froelich Rainey).

Curriculum vitae: 1948-1976 (includes several of Angel's vitae, a photocopy of his certificate of citizenship, lists of publications, Angel's entry in the International Directory of Anthropologists, and letters from Francis P. Conant, Richard Sumner Cowan, Clifford Evans, George Washington University, James R. Michaud, and William A. Sodeman).

Financial records: 1937-1942 (includes information on stocks, apartments the Angels rented, hospital bills for Mrs. Angel's delivery of their first child, and materials on Angel's income).

Harvard rugby team: 1967 (a brochure with a photograph of the 1935 team which included Angel).

Honors and awards: 1933-1984 (includes Angel's A.B. and Ph.D. diplomas [in oversize]; an award presented by John Koumaris [in oversize]; the issue of the *American journal of physical anthropology* dedicated to Angel; the Pomerance Award [in oversize] and Angel's acceptance speech; an outline of Angel's work for the Physical Anthropology Section Award of the American Academy of Forensic Sciences; a certificate of honor from the Upper Dublin Parent-Teacher Council [in oversize]; an award of merit for community service [in oversize]; a certificate of training from the Smithsonian [in oversize]; a flight award from Trans World Airlines [in oversize]; a notice of thanks from the Peabody Museum for the gift of a femur [in oversize]; a certificate of appreciation from the United States Dental School [in oversize]; certificates of membership in the American Association of Anatomists, the Society of the Sigma Xi, the New York Academy of Sciences, Phi Beta Kappa, and the American Association for the Advancement of Science [all in oversize]; a certificate of qualification in forensic anthropology by the American Board of Forensic Anthropology [in oversize]; notice of a scholarship while a sophomore at Harvard [in oversize]; and two certificates of appreciation by the Cosmos Club for lectures Angel gave [in oversize]).

Insurance: 1967-1969 (includes lists of equipment to be insured on two trips to Greece and Turkey).

Integration attitudes: 1955-1959 (includes printed matter on racial integration in South Africa and in the United States, and includes a reprint of Angel's report on the 1955 meeting of the American Association of Physical Anthropologists).

Miscellany: 1936-1986 (includes driver's licenses, a map to Angel's house, an obituary of Charles Seymour, retirement information, the Sahickon Sitting Society rules [with accompanying newspaper article that pictures Angel's children], and information concerning an appointment for a commission in the United States Naval Reserve [includes portrait and a placement questionnaire]).

Personnel record: 1962-1984 (two folders; these are materials on Angel's employment at the Smithsonian; includes correspondence with T. Dale Stewart and A.C. Smith regarding the curator position in physical anthropology at the Natural History Museum, Angel's federal application for the curator position, a photocopy of Angel's course transcript from Harvard, personnel actions, performance ratings, and Professional Accomplishments Evaluation Committee reviews [see the entry on the PAEC]).

Box 3

Personnel record: 1962-1984 (second folder).

Portraits: n.d., 1954 (includes an early portrait of Angel and others on an unidentified field trip and a photograph of Angel at the Athens Agora excavations laboratory).

Professional Accomplishments Evaluation Committee: 1966-1986 (three folders; includes a copy of Angel's federal application form SF-161, a summary of Angel's professional accomplishments as of 1984, a "Statement of research program" [1986], and a 1983 search of articles citing Angel's publications).

Smithsonian instruction manual: 1962 (includes instructions regarding conduct and treatment of employees, hypothetical case studies, and performance evaluations).

Thesis: data for A.B. degree, n.d. (two folders; these are the data sheets for Angel's study of the temporomandibular joint in various populations).

Travel: n.d., 1948-1957 (this is information related to Angel's overseas travel for his field work; includes passport photographs; see the entry on correspondence for letters of introduction).

Box 4

Desk calendars: 1955-1956; 1957-1970

Box 5

Desk calendars: 1971-1986

SERIES 2. CORRESPONDENCE. 1936-1986. 8 ft.

Arranged alphabetically by correspondent, subject, or organization.

Angel originally had his correspondence organized either chronologically or alphabetically under three headings: "retired," "past," and "active correspondence." Since there was overlap in the dates and correspondents between Angel's categories, the decision was made to merge the correspondence and organize it alphabetically.

Included in the papers are letters of recommendation written by and for Angel, letters on forensic cases handled by Angel and others, photographs and slides, papers concerning organizations (none too extensive), reprints and writings by Angel (there are no progress reports on his research) and by other authors, project proposals, requests for reprints, financial information, job offers, vitae, a folder for "Lerna correspondence," and letters to and from family members (placed under Angel, except for correspondence with his Uncle Charlie and Aunt Clara St. John). Most of the correspondence is concerned with Angel's professional research; but the letters reflect Angel's interest in students, his feelings about racism, and his involvement in civil liberty matters.

Angel, or his office, placed the correspondence with some people in individual folders, while that of others was put in miscellaneous folders which preceded each letter of the alphabet. This arrangement was maintained, except for a few individual folders that were added. Letters from spouses are sometimes included under a correspondent's name. There is correspondence in many of the other series.

Box 6

A, Miscellaneous-Ayers (A, Miscellaneous [includes Aberle, Donald F.; Acheson, Roy; Adelman, Howard B. (includes a description of Angel's talk at Cornell University on 19 February 1948); American School of Classical Studies at Athens; *American scientist*; Archaeological Institute of America; Arensberg, Conrad M.]; Ackerknecht, Erwin H.; Allison, Marvin J.; American Academy of Forensic Sciences; American Anthropological Association; American Association for the Advancement of Science; American Association of Physical Anthropologists; American Hellenic Educational Progressive Association; Anderson, Harriet; Anderson, James E.; Angel, John Lawrence [includes correspondence with his wife Margaret, daughter Elizabeth, son Steve, brother Henry, and parents; reports of Angel's yearly activities and publications; expenses; manuscripts; a hospital report on Angel (he had a dermal fibroma of skin of the left lower leg); book reviews by Angel; and a copy of Angel and Judy M. Suchey's "Proposed resolution on reburial"]; Archeological Society of Virginia; *Archaeology* [includes correspondence

with Phyllis Katz and Juan Comas, and book reviews by Angel]; Arensburg, Baruch [includes vitae and his proposed project at the Smithsonian]; Armed Forces Institute of Pathology [includes brochures and schedules for Angel's course on forensic pathology]; Armelagos, George J.; Armstrong, P. Livingstone; Ashley-Montagu, Montague Francis; Auel, Jean M.; Aufderheide, Arthur C.; Ayers, Hester Merwin [Mrs. Edward L.]).

Box 7

B, Miscellaneous-Bisel (B, Miscellaneous [includes Bach, Julian S.; Ballard, Mary W.; Barnicot, N.A.; Bastian, Tyler; Beilicki, Tadeusz (includes the edited draft of a manuscript); Betsch, William F.; Bird, Junius; Bishop, Philip W.; Blumberg, Baruch; Borst, Lyle B. (includes a manuscript); Boulter, Cedric (includes an abstract by Angel); Brodtkin, Henry A.; Brown, Thorton (includes a manuscript of an article by Angel); Brownstein, Elizabeth S. (includes the transcript of a television show in which Angel appeared); Buck, Rodger L.; Buettner-Janusch, John]; Baby, Raymond S. [includes the abstract of a demonstration Angel gave at an American Association of Physical Anthropologists meeting]; Baker, Paul T.; Baltimore, Office of the Chief Medical Examiner; Bass, William M.; Beardsley, Richard; Becker, Howard; Becker, Marshall Joseph; Becker, R. Frederick; Benedict, Ruth; Bennett, George A. [Dean, Jefferson Medical College]; Bennett, Kenneth A. [includes vita]; Benoist, Jean; Benson, John L. [Jack]; Berger, Susanne; Birdsell, Joseph B.; Bisel, Sara C. [includes manuscripts and vita]).

Box 8

Blackburn-C, Miscellaneous (Blackburn, Tucker [includes a list of human bones from Ayia Irini and Kephala, 1972]; Blakely, Robert L.; Blegan, Carl W.; Boaz, Noel T.; Bonin, Gerhardt von; Bostanci, Enver; Bouton, Katherine [includes a manuscript]; Boyd, William C.; Brace, Charles Loring [includes vita]; Breitinger, Emil; Brett-Smith, Sarah; Brew, John Otis; Brieger, Heinrich; Briggs, L. Cabot [Beaver]; Broneer, Oscar; Brooks, Sheilagh T.; Brothwell, Donald R.; Brozek, Josef [includes a manuscript]; Bruce-Chwatt, L.J.; Bruch, Hilde; Brues, Alice M.; Buikstra, Jane E. [includes materials on the reburial of American Indian remains]; Burdo, Christopher; Burns, Peter E. [includes vita]; C, Miscellaneous [includes Campbell, T.N.; Cappieri, Mario; Carpenter, Rhys; Cavalli-Sforza, Luigi Luca; Charles, Robert-P.; Chiarelli, B.; The Choate School; Collins, Henry Bascom; Colt, H. Dunscombe; Conant, James B. (Angel expressed his concern about the Thomas Un-American Committee); Connecticut General Life Insurance Company; Constantoulis, Nestor C.; Corruccini, Robert S.; Corwin, Arthur H. (includes a research proposal); Courbain, Paul]).

Box 9

Caldwell-Cook (Caldwell, Margaret Catherine [Peggy; includes vitae, her application for a federal position, and her report on a forensic case]; Campbell, John M. [Jack]; Canby, Courtlandt; Carter, George F.; Carter, L. Clyde; Caskey, John L. [Director, American School of Classical Studies in Athens; includes Gerald Cadogan's eulogy of Caskey];

Chapman, Florence E. [includes her proposed plan of study in Latin America]; Chase, George H. [Chairman, American Friends of Greece; includes the certificate granting Angel the Albert and Anna Howard Fellowship for 1938-1939]; Chattopadhyay, Prasanta Kumar; Clark, George Arthur [includes reports]; Clement, Paul A. [American School of Classical Studies at Athens]; Clinical orthopaedics; Cobb, Stanley; Cobb, Montague; Cockburn, Eve [see correspondence under T. Aidan Cockburn]; Cockburn, Thomas Aidan [see correspondence under Eve Cockburn; includes copies of publications, news clippings, research proposals, a book review, Angel's review of the Catalogue of the Hrdlička paleopathology collection, and Angel's obituary on Cockburn]; Coleman, John E.; Comas, Juan; Conant, Francis P.; Cook, Della Collins [includes vita and copies and reprints of articles]).

Box 10

Coon-Dupree (Coon, Carleton Stevens [includes the article "Bozo"]; Cosmos Club; Count, Earl W.; Crawford, Michael H.; Cummins, Harold; Current anthropology [includes Angel's reviews of manuscripts submitted for publication]; Cutter, Margot [Princeton University Press]; D, Miscellaneous [includes Danby, Patricia M.; Danson, Edward B.; Daux, Georges; Davis, Jefferson D. (includes a copy of a paper by Angel on facial reconstruction given at the 1978 American Academy of Forensic Sciences meeting)]; Deflakis, Evangelia Protonotariou; De Lumley, Henry; Department of Commerce; Department of State; Department of the Army; Department of the Interior; Department of the Navy; Department of War; Desmond, Waldo Fairfield (includes information on Angel's father's medical condition)]; Dahlberg, Albert A.; Damon, Albert; Demerec, M.; DePalma, Anthony F.; DeRousseau, C. Jean; De Vasto, Michael A.; de Villiers, Hertha; DiBennardo, Robert [includes vita]; Dietz, Soren; **Dikaios, Porphyrios [Director, Cyprus Museum]**; Dinsmoor, William B.; Dobzhansky, Theodosius; Domurad, Melodie R. [includes resume and an article]; Dow, Sterling; Dunn, L.C.; Duong, Chho L. [includes several applications from students in the High School Science Study Program]; Dupertuis, C. Wesley; Dupree, Louis [includes manuscripts]).

Box 11

E, Miscellaneous-Fierro (E, Miscellaneous [includes Eberhart, Sylvia (Science); Eggan, Fred; Eiben, O.G.; Eiseley, Loren; Ely, John (includes information about the health of Angel's father); Endicott, Kenneth M.; Evans, Clifford; Expenses]; Edwards, Roger; Edynak, Gloria Jean [see correspondence under Gloria y'Edynak; includes vita]; Ehrich, Robert W. [includes information about his fight against the Anthropologists for Radical Political Action group]; Eisenhart, Luther P.; Elderkin, Roland D.; El-Najjar, Mahmoud Y. [includes vita and reprints]; Eyman, Charles E.; F, Miscellaneous [includes Fairservis, Walter; Fawcett, Don W.; Fedele, Francesco G. (includes the first report of the activities of the Prehistory and Human Paleoecology Research Group); Fitzhugh, William W.; Flander, Louisa; Ford, James A.; Forde, C. Daryll; French, David; Fterakis, M.J.; Fuller, Jeffrey E. (American Civil Liberties Union); Fuste, Miguel]; Farfan, Harry F.; Farrell, Corinne; Farris, Edmond J. [Director, Wistar Institute]; Fejos, Paul [Director of Research,

Viking Fund and Wenner-Gren Foundation]; Felts, William J.L. [includes a list of researchers and personal information about them]; Fenton, William N.; Ferembach, Denise; Ferguson, C.L. [letters concerning Angel's appointment as civilian consultant in surgical anatomy to the United States Naval Hospital]; Fidelity-Philadelphia Trust Company; Field and Cowles Insurance; Field, Henry; Fierro, Marcella F.)

Box 12

Finkel-Goldstein (Finkel, David J.; Fiske, Barbara [travel agent for Charles Ashmun, Inc.]; Flick, John B. [Secretary, American Board of Surgery]; Forziati, Florence H.; Foster, Giraud V.; Fox, Dorothy; Fox, H. Munro; Frantz, Alison [includes a report on the skeletal material from the Church of the Holy Apostles]; Fraser, Francis C.; Frayer, David W.; Fry, Edward I.; G, Miscellaneous [includes Galdikas, Birute; Gastaut, Henri; Georgetown Visitation Convent; Gerszten, Enrique (see correspondence under Marvin J. Allison)]; Gill, George W.; Gindhart, Patricia S. (includes a research proposal); Gladwin, Harold S.; Godfrey, Marian Angell (University Museum); Graham, Martha D.; Graves, William W.; Greene, Jerome D. (includes a letter of introduction for Angel's first trip to Greece); Greenman, Emerson F.; Greulich, Richard C.; Grimm, H.; Grmek, Mirko D.; Guggenheim Memorial Foundation]; Garn, Stanley M.; Gavan, James A.; Gejvall, Nils-Gustaf [includes photographs of skeletal remains]; George Washington University; Gifford, Edward Winslow; Giles, Eugene; Gilfillan, S. Colum; Gilkey, Fred; Goff, Charles Weer; Goldstein, Marcus Solomon [includes vita and correspondence with Juan Comas]).

Box 13

Goodenough-Harris (Goodenough, Ward H.; Goodman, Linda; Goss, Charles M. [University of Alabama Medical College]; Govett, Harold A.; Grace, Virginia; Grafflin, Allan L. [Johns Hopkins University School of Medicine]; Graham Ellen [Yale University Press]; Graham, J. Wallace [Department of Chief Medical Examiner-Coroner, Los Angeles, California]; Grant, Marjorie; Greenwald, Isidor; Gregg, John B. [includes data sheets on Sioux skulls]; Greulich, William Walter; Griffin, Donald R.; Griffin, James B.; Gruber, Jacob W.; Guzzetti, Alfred Felix; H, Miscellaneous [includes Hagge, Donald R.; Hamilton, Margaret E. (includes vita); Hamrick, Hayward R. (Jefferson Medical College); Hassan, Fekri A.; Heathcote, Gary M.; Hendren, Melvin W.; Herbut, Peter A.; Hill, Dorothy K. (includes a book review by Angel of Gejvall's work at Lerna); Hoffman, J. Michael; Hoover, J. Edgar (signed letter thanking Angel for his examination of skeletal remains); Hungerford, David A.; Hackett, Cecil J.; Hager, Don J. [American Jewish Congress]; Hanfmann, George M.A.; Hanson, Christine; Harris, James W. [includes an x-ray of a restored skull from tomb 55, Luxor]).

Box 14

Hart-Hunt (Hart, Gerald D. [includes slides]; Harvard University; Heglar, Rodger; Heizer, Robert F.; Hencken, Hugh O'N.; Herndon, C. Nash; Herrmann, Bernd; Herskovits, Melville J.; Hertzberg, H.T.E. [Ed]; Hewes, Gordon W. and Minna; Hjortsjo,

Carl-Herman; Hoerr, Normand L.; Hoffman, Marcia; Hoffman, Michael A.; Hood, M. Sinclair F.; Hooton, Earnest A.; Horne, Patrick D. [includes photographs of skeletal material]; Howard, Jim; Howell, F. Clark; Howells, William White; Hulse, Frederick S.; Hume, Ivor Noel; Hunt, Edward E. and Vilma).

Box 15

I, Miscellaneous-K, Miscellaneous (I, Miscellaneous [includes Income tax; Inke, Gabor B.; Internal revenue; Ivanhoe, Francis]; Iscan, M. Yasar; J, Miscellaneous [includes Jacob, Teuku; Johnson, Lyndon B. (a carbon of Angel's letter to the President deploring the beatings of blacks in Alabama); Johnson, Mary Parke (includes a manuscript of Angel's article on porotic hyperostosis in the eastern Mediterranean); Jones, B. Calvin (includes information on a burial site in Cocoa, Florida); Jones, Lois B. (Archaeological Institute of America); Joutz, Ludwig (includes Angel's report on the presumed skeleton of The Reverend Robert Plunkett); Jurmain, Robert F.; Jury Selection Board]; Jacobsen, Thomas W. [includes reports on the work at Porto Cheli and Franchthi Cave, and a critique by Angel of an article by Jacobsen and Cullen on Franchthi Cave]; Jantz, Richard L. [includes information on the establishment of a forensic osteology data base]; Jarcho, Saul; Jefferson Medical College; Jelinek, Jan; Jennings, Jesse D.; Johanson, Donald C.; Johns Hopkins University; Johnson, Frederick [letters concern Benjamin Alan Russell]; Johnson, Jotham; Johnston, Francis E. [includes Angel's review of Aidan Cockburn's book on infectious diseases]; K, Miscellaneous [includes Kandler, Anneliese; Katz, Solomon H.; Kelley, Marc A.; Kerley, Ellis R.; Key, Patrick; King, Richard Allen; Kopres, George Styl.; Kubler, Karl; Kurth, Gottfried]).

Box 16

Kaplan-Laughlin (Kaplan, Bernice [Bunny]; Keita, Shomarka O.Y.; Kelley, Jennifer O.; Kelso, Alec J. [Jack]; Kennedy, Kenneth A.R.; Kern, Byron E.; Kerner, Robert J.; Keur, Dorothy; Kidder, Alfred V.; Kidder II, Alfred V.; Kluckhohn, Clyde; Knutti, Ralph E.; Koenigswald, G.H.R. von; Kohler, Ellen; Kolb, Charles C. [includes vita and reprints]; Koumaris, John; Kroeber, Alfred L.; Krogman, Wilton Marion; L, Miscellaneous [includes La Barre, Weston; Laguna, Frederica de; Lamb, Neven P.; Leakey, Margaret; Lee, Marjorie; LeGros Clark, W.E.; Levine, Philip; Levy, Ernestine Friedl; Liss, Alan R., Inc.; Local Draft Board; Longyear, John M.]; Landgraf, John L. [includes vita]; Lasker, Gabriel Ward; Laughlin, William S.).

Box 17

Leakey-McDonald (Louis S.B. Leakey Foundation; Lebanon Cave [includes photographs]; Lehrman, N.S.; Lerna correspondence [correspondents include Tucker Blackburn, Lucy Shoe Meritt, and Anders Richter]; Leser, Paul W.; Letchumanan, D.; Lewis, Mary Butler; Linton, Ralph; Liptak, Pal; Little, Michael A.; London, Marilyn R.; Longo, Santo; Luce, Stephen B.; Luke, James L. [Chief Medical Examiner, District of Columbia]; Lundy, John Kent; M, Miscellaneous [includes MacLeish, Kenneth; Malina, Robert M.; Margola, Angela; Martin, Terrance J. (includes a skeletal specimen sent by

Norm Sauer); Mayr, Ernst; McCloy, C.H.; McConnell, T.R. (includes Angel's vita); Meggers, Betty J.; Meier, Robert J. (includes vita); Mengele (information on the World War II Nazi concentration camp doctor); Michael, Henry N.; Micozzi, Marc S.; Molleson, Theya; Molnar, Stephen; Moore, Robert A.; Morse, Dan; Musgrave, Jonathan H.; Myers, Lawrence Daniel (includes vita); Myres, John L.; MacNeish, Richard S.; Marinatos, Spyridon; Mason, J. Alden; McCormick, T.C.; McCown, Theodore D.; McCredie, James R.; McDonald, William A.).

Box 18

Megaw-Olney (Megaw, A.H.S. [Peter]; Mehta, Hasmakh Jethalal; Mellink, Machteld J.; Merbs, Charles F. [includes vita]; Meritt, B.D.; Miller, Ralph H. and Jeannette; Miner, Eunice Thomas and Roy Waldo [see correspondence under New York Academy of Sciences]; Moe, Henry Allen; Morse, William F. [R.C. Rathbone & Son Insurance]; Morss, Noel; Mourant, A.E.; Movius, Hallam L.; Murdock, George P.; Murrill, Rupert Ivan [includes vitae]; Mylonas, George E.; N, Miscellaneous [includes Napier, Florence C. (Connecticut General Life Insurance Company)]; National geographic magazine; National Geographic Society (includes information about the Herculaneum site); National Science Foundation (includes correspondence with Albert C. Spaulding); Neff, Ray A.; Nemeskeri, J.; New England journal of medicine; Noback, Charles R.; Nugent, Robert L.; Nathan, Hilel [also known as Hilel Notkovich; includes vitae]; Neumann, Georg K.; New York Academy of Sciences [see correspondence under Eunice Thomas Miner]; Newman, Marshall T. [Bud]; Notkovich, Hilel [see Nathan, Hilel]; O, Miscellaneous [includes Ogan, Aziz; Opler, Morris E.; Orlov, Ann; Ortner, Donald J.; Osborne, Richard H.; Oschinsky, Larry; Osgood, Cornelius; Osmundsen, Lita [see correspondence under Wenner-Gren Foundation]; Owsley, Douglas W.]; Oakley, Kenneth P.; Olney, Lise McLean [includes vita]).

Box 19

P, Miscellaneous-R, Miscellaneous (P, Miscellaneous [includes Parker, Barbara C. (Angel corrected the name of his paternal grandmother from Sarah to Hannah Maria Bearne)]; Philadelphia Evening Bulletin (Angel expressed his opposition to the Pechan Bill that would require loyalty oaths, and his disagreement that lower scores on tests indicate black Americans to be inferior in "educability"); Princeton University Press; Putschar, Walter G.J.]; Papadopoulos, Cathleen [includes her student paper for W.W. Howells' class]; Papaefstratiou, Efstratios D.; Payne, Sebastian; Peabody Museum of Archaeology and Ethnology; Pella excavation [the materials concern the College of Wooster expedition to Pella in Jordan; includes an excavation manual by Lawrence E. Toombs, the research proposal to the Wenner-Gren Foundation, newsletters, a manuscript by Angel, articles on the excavation, and correspondence with Robert H. Smith and Lita Osmundsen]; Perkins, William Harvey [Dean, Jefferson Medical College]; Phenice, Terrell; Philippas, George G.; Pickering, Robert B.; Piel, Gerard [Scientific american; includes a list of Angel's activities for 1951-1952]; Pietruszewsky, Michael [includes vita]; Pletcher, K.E. [School of Aviation Medicine]; Pollitzer, William S.; Pomeroy, Sarah B.; Poulianos, Aris N.; Price, Nicholas P. Stanley; Prokopec Miroslav [includes

photographs]; Q, Miscellaneous; R, Miscellaneous [includes Radcliffe College; R.C. Rathbone & Son Insurance (see correspondence under William F. Morse); Redfield, Alden; Reichard, Gladys A.; Rhine, Stanley; Richardson, Elliot L.; Richardson, Henry B.; Rightmire, G. Phillip; Ripley, S. Dillon; Robinson, John; Rogers, Spencer L.; Ruff, Christopher]).

Box 20

Rainey-SPE, Miscellaneous (Rainey, Froelich; Ramsay, Andrew J. [Head, Department of Anatomy, Daniel Baugh Institute, Jefferson Medical College]; Rathbun, Ted A.; Ream, James S.; Reed, Charles A.; Reed, Erik K.; Reed, Lowell J.; Reprint requests [see the series on miscellany, boxes 155 and 156 for more requests]; Riordan, Leo [Director of Public Information, Jefferson Medical College]; Robbins, Lawrence H.; Robinson, David M.; Robinson, Henry S.; Rodden, Robert; Rolston, Scott L.; Roney, James G.; Rousseau, Jacques; Rudan, Pavao; Russell, Josiah C.; S, Miscellaneous [includes San Diego Museum of Man; Satinoff, Merton I.; Satterthwaite, Linton; Schmitt, Bernadotte E.; Schultz, Adolph H.; Science; Science service; Scott, Gordon H.; Selig, Ruth O.; Shear Jr., Theodore Leslie; Shimkin, Demitri; Skerlj, Bozo; Smith, Patricia; Smith, Robert H. (see correspondence under Pella excavation); Smith, Robert J.; Snow, Clyde C.; Snowden, Frank M.; Sontag, L.W.]).

Box 21

SPI, Miscellaneous-Stewart (S, Miscellaneous [includes Steinbock, R. Ted; Stirling, Matthew W.; Sturtevant, William C. (consists only of his article "Notes toward a new National Museum of Cultures"); Suzman, Ivan]; Schaeffer, J. Parsons; Schermer, Judith; Schoeninger, Margaret J.; Schopbach, Robert R.; Schulman, Ailon; Schuler-Ellis, Frances P. [includes vita]; Schwidetzky, Ilse; Seaford, H. Wade; Seltzer, Carl C.; Senyurek Muzaffer S.; Shanklin, William M.; Shapiro, Harry Lionel; Shear, Theodore Leslie; Shiloh, Ailon [see Ailon Schulman]; Singer, Ronald; Smith, Marian W.; Smithson, Evelyn L.; Snow, Charles E.; Sodeman, William A.; Solecki, Ralph; Spaulding, Albert C.; Spiegelman, Mortimer; Spoehr, Alexander; Spuhler, James N.; St. Hoyme, Lucile E. [see correspondence under H.A. Waldron]; St. John, Charlie and Clara S. [Angel's uncle and aunt]; St. John, Seymour [Headmaster, The Choate School]; Steggerda, Morris; Stewart, Thomas Dale).

Box 22

Stillwell-Tobias (Stillwell, Richard; Stirland, Ann; Stout, David B.; Strandkov, Herluf H.; Strauss, William L. [includes Angel's report of the 25th annual meeting of the American Association of Physical Anthropologists]; Striker, Cecil Lee; Stringer, Christopher B.; Strouhal, Eugen [includes vita and research proposal]; Suchey, Judy Myers [includes manuscripts]; Swindler, Daris R.; Swindler, Mary H.; T, Miscellaneous [includes Talbot, Alice-Mary; Tannenbaum, Frank; Taussig, Helen B.; Thorne, Alan G. (Angel expressed his disagreement with Australian government's decision to rebury aboriginal remains); Tozzer, Alfred Marston (Angel expressed some dissatisfactions with

Jefferson Medical College); Treganza, A. (Adan?); Tuckson, Coleman Reed]; Talbott, John H.; Talcott, Lucy; Tanner, James M.; Tax, Sol [includes Angel's comments on an article by I. Karve and K.C. Malhotra]; Taylor, Kirsten; Tylour, William; Thieme, Frederick P.; Thomas, Caroline Bedell; Thomas, Lynn E. [Deputy Attorney General, Idaho]; Thompson, Dorothy B. and Homer A.; Tobias, Phillip V.).

Box 23

Todd-Ward (Todd, Ian A. [includes vita and Angel's master list of the burials from Catal Huyuk studied in 1965]; Trinkaus, Erik; Trotter, Mildred; Turner II, Christy G. [includes vitae, application for federal employment, his proposal for an agreement between Arizona State University and the United States National Park Service for ASU to analyse human skeletal remains recovered by the NPS, and his report on dental data collected during the summer of 1978]; Tyson, Rose A.; U, Miscellaneous [includes Ubelaker, Douglas H.; Union and New Haven Trust Company; United States Civil Service (Angel offered his services as a foreign country analyst for Greece); United States Naval Hospital (includes Angel's resignation as civilian consultant); Urist, Marshall R.; Urteaga Ballon, Oscar; Utermohle, Charles J.; University of California, Berkeley]; Unidentified (unidentified people from whom or to whom a letter was addressed); V, Miscellaneous [includes Villafranca, George W. de; Vlahos, A.]; Vandenberg, Steven G.; Vidovic, Marusa; Voegelin, Erminie W.; W, Miscellaneous [includes Wace, Lisa; Waldron, H.A.(on his letter to Waldron Angel also wrote a letter to Lucile St. Hoyme); Walker, Alan; Wardle, H.N. (President, Philadelphia Anthropological Society); Washington Society for the History of Medicine; Waterman, Alan T.; Weaver, David S.; Weidenreich, Franz; Wendorf, Fred; Wertime, Theodore A.; West, C.M.; Wheeler, Tamara; Willey, Gordon R.; Winter, Leonard E.; Wolbach, S.B.; Worman, Eugene C.; Wormington, H.M.]; Wace, Alan J.B.; Wagley, Charles [Chuck]; Wallace, Anthony F.C.; Wallis, Wilson D.; Ward, Lauriston).

Box 24

Washburn-Zulueta (Washburn, Sherwood Larned; Washington Academy of Sciences [the papers concern Angel's nomination of T. Dale Stewart for the WAS Teaching Award]; Washington Post [includes Angel's views on miscegenation and fair housing]; Wastock, Irene [Secretary, Rutgers Anthropological Society]; Watkins Inc., Ann; Weinberg, Saul S.; Weinstein, Belson Jack; Weintroub, Benjamin; Wenner-Gren Foundation [includes correspondence with Lita Osmundsen]; Wertheimer, E.; White, Leslie A.; Whiting, Marjorie Grant; Wiecking, David K. [Chief Medical Examiner, Commonwealth of Virginia]; Wiener, Alexander S.; Wilkinson, Richard G.; Willoughby, David P.; Wintrobe, Maxwell M.; Wistar Institute of Anatomy and Biology; X, Miscellaneous [Xirotiris, Nikolaus]; Y, Miscellaneous [includes Yavis, Constantine G.; Yellen, John E.; Young, Rodney]; Yang, Hsi-mei [includes vita and an article]; y'Edynak, Gloria Jean [see correspondence under Gloria Edynak; includes articles and vita]; Z, Miscellaneous [includes Zaino, Edward C.; Zuckerman, Solly]; Zegura, Stephen L.; Zimmerman, Michael Raymond [includes vitae]; Zulueta, Julian de).

**SERIES 3. RESEARCH IN THE EASTERN MEDITERRANEAN. 1936-1986.
1.5 ft.**

Arranged alphabetically except for photographs which were placed at the end of the series.

The materials include data sheets, manuscripts, correspondence, photographs, negatives, data used for Angel's dissertation, field notebooks, progress reports, measurements on living peoples, and data on skeletons and living peoples from Europe, Russia, North Africa, Iran, and the Aleutian Islands.

Angel was a pioneer in the study of the physical anthropology of peoples of the Aegean. In his career, Angel studied over 2300 individuals, dating from the Paleolithic to the present. He initially focused on the racial history of the peoples; but, over the years Angel's interest shifted to paleoecology, health, and human adaptation. He was especially interested in the causes of porotic hyperostosis. These interests are reflected in the many articles Angel wrote on his research in the Mediterranean (see the series on writings by Angel).

Angel's field work in Greece, Turkey, and Cyprus was supported by Harvard traveling fellowships, the J.S. Guggenheim Foundation, the Wenner-Gren Foundation for Anthropological Research, the American Philosophical Society, the National Institutes of Health grant A-224 and continuances, the Smithsonian Institution, and the American School of Classical Studies in Athens (which Angel's maternal grandfather had helped found).

Angel usually did not organize his research materials by the year in which he did the work. He frequently re-visited sites and it was his usual practice to maintain the information together regardless of the year in which the data was obtained. Usually the materials will be found under the site of origin of the skeletal remains (e.g., Karatas); however, materials relating to a site may be spread out over several categories. Related materials are in the series on reference materials and on grants. Photographs from Angel's trips to the eastern Mediterranean, including the skeletal remains he analyzed, are in the series on photographs. Additional data Angel probably used for his Ph.D. dissertation is in the series on reference materials.

Box 25

Akanthos: 1978 (includes Angel's report on the human remains he examined in 1977 and data sheets on human skeletal remains examined in 1978).

Athenian Agora: 1973 (includes data sheets, skeletal inventories, and observations on three burials).

Athens: 1979-1981 (comparisons between Athenian skeletal remains and those from other sites in Greece).

Catal Hüyük: Anatolia Data sheets, Early Neolithic, 1965, 1967, 1969 (three folders); photographs of skulls in separate folder (#3).

Circum-Mediterranean comparative series: Crete and Aegean, Cyprus, Anatolia, Mesopotamia, Egypt and Palestine, Italy, Balkans and Central Europe, northern Europe, Great Britain, and Russia, n.d. (probably late 1930s, two folders, measurements and observations on skulls and living people; the materials apparently were used for Angel's dissertation).

Corinth: data sheets, 1938, 1954, 1972 (some undated).

Cyprus: (two folders) data sheets Neolithic, 5500-3000 B.C., 1949, 1956, 1969 Late Bronze, 1949, 1954, 1959.

Eastern Mediterranean: miscellany, 1965, 1976 (includes data sheets from Crete, Attica, and Laconia, and a chart of recent period changes in the eastern Mediterranean [in oversize]).

Box 26

Europe and the Balkans: data sheets, 1936, 1937, 1940, 1941, 1962 (includes data sheets on remains from Yugoslavia, Germany, Italy, Rumania, Bohemia, and the Aleutian Islands).

Field notebooks: 1954, 1957, 1965, 1967, 1969, 1972, 1975, 1977, 1978 (includes expenses, addresses, lists of the total number of skeletal remains studied from each location, and lists of crew members).

Field trips to the eastern Mediterranean: 1949 (includes newspaper clippings about Angel receiving a Guggenheim Fellowship, his application for the fellowship, his application for a Viking Fund grant, Angel's report on his work, and correspondence [arranged chronologically; correspondents include Grace Beardsley, Paul Fejos, Virginia Grace, and Henry Allen Moe]).

1965 Travel papers and itinerary (one folder). Grant support from the American Philosophical Society, the fluid research fund of the Smithsonian, and the Wenner-Gren Foundation, 1964-1965 (includes a copy of Angel's report on his work and his paper given at the 1965 meeting of the American Anthropological Association) (one folder).

Correspondence from Angel while in Greece and Turkey (includes an updated itinerary; these original letters were to Donald J. Ortner, Angela Margola [secretary, Division of Physical Anthropology], and Lucile St. Hoyme).

Correspondence, 1963-1965 (includes correspondence with George Bakalakis, Enver Bostanci, Oscar Broneer, Donald R. Brothwell, John L. Caskey, Grahame Clark, Robert W. Ehrich, Denise Ferembach, George M.A. Hanfmann, Richard R. Harper, Hugh Hencken, Gordon W. Hewes, William W. Howells, Ellen Kohler, Angela Margola, Spyridon Marinatos, James Mellaart, Machteld Mellink, Rupert Murrill, Donald J. Ortner, Aris N. Poulianos, Henry S. Robinson, Robert J. Rodden, Lucile St. Hoyme, Thomas Dale Stewart, Lord William Tylour, Demetrios Theocharis, Homer A. Thompson, and Eugene Vanderpool).

1967 Travel papers and itinerary, 1966 (includes itinerary, travel requests, expenses, and Angel's report of the trip).

Correspondence, 1965-1967 (includes correspondence with the Archaeological Institute of America, Enver Bostanci, Richard Cowan, F.F. de la Grange [includes correspondence between Angel and Richard Harper], Denise Ferembach, Michael Gough, Hikmet Gurcay, Parker T. Hart [American ambassador to Turkey], Gabriel Lasker, Angela Margola, Spridon Marinatos, Machteld Mellink, Donald J. Ortner, Henry S. Robinson, Lucile St. Hoyme, Raci Temizer, Homer A. Thompson, Saul S. Weinberg, and James Wiseman).

1969 Travel papers and itinerary, 1969-1970 (includes Angel's report on the trip).

Correspondence, 1968-1969 (includes correspondence with Enver Bostanci, Donald R. Brothwell, John L. Caskey, David French, Hikmet Gurcay, M. Yasar Iscan, James R. McCredie, William McDonald, Machteld Mellink, Kenneth P. Oakley, Donald J. Ortner, Saul H. Riesenberg, Henry S. Robinson, Theodore Leslie Shear Jr., Lucile St. Hoyme, Raci Temizer, and Homer A. Thompson).

Box 27

1972 Travel papers and itinerary, 1972 (includes Angel's report on the trip).

Correspondence, 1972 (includes correspondence with Angel's children, Donald R. Brothwell, Peter Burns, John L. Caskey, Soren Dietz, David French, Cecil J. Hackett, Katherine J. Holland [Angel's secretary], Spyridon Marinatos, James R. McCredie, Machteld Mellink, Donald J. Ortner, Aris N. Poulianos, Theodore Leslie Shear Jr., Lucile St. Hoyme, Raci Temizer, Douglas Ubelaker, Tamara Wheeler, and Charles K. Williams).

1975 Travel papers and itinerary, 1975 (includes Angel's report on the Franchthi skeletal remains).

Correspondence, 1974-1975 (includes correspondence with Angel's son, John L. Caskey, Soren Dietz, David C. Fredenburg, David French, Hikmet Gurcay, Robin Hagg, Richard R. Harper, Katharine J. Holland, Jennifer O. Kelley, James R. McCredie, John Melentis, Machteld Mellink, Theya Molleson, Kenneth P.

Oakley, Donald J. Ortner, William S. Pollitzer, Aris N. Poulianos, Henry S. Robinson, Theodore Leslie Shear Jr., Ralph Solecki, Lord William Taylour, Raci Temizer, and Charles K. Williams).

1977 (includes correspondence with Enver Bostanci, Keith De Vries, David French, Virginia Grace, Hikmet Gurcay, Robin Hagg, Inci Bayburt Luoglu, James R. McCredie, Machteld Mellink, Theya Molleson, Donald J. Ortner, Aris N. Poulianos, Ekaterina Rhomaiopoulou, Theodore Leslie Shear Jr., Lucile St. Hoyme, Cecil L. Striker, and Christopher Stringer).

1978 (includes correspondence with Enver Bostanci, Margaret [Peggy] Caldwell, Giles Constable, Keith De Vries, David French, Hikmet Gurcay, Richard R. Harper, Lucile St. Hoyme, Cecil L. Striker, and Raci Temizer).

Franchthi Cave: 1969-1985 (three folders; includes carbon copies and photocopies of original data sheets, correspondence with Thomas W. Jacobsen, reprints of articles by Jacobsen and Daniel Jean Stanley, photographs of the skeletal remains and of x-rays of some of the skulls, and manuscripts of the report by Angel and Sara C. Bisel).

Gordion, Anatolia: Hittite period, data sheets, 1962, 1965, 1967, 1969, 1977.

Box 28

Greece: Project to study Greek Bronze Age skeletons, 1957 (includes Angel's grant application, his report, and correspondence [arranged chronologically, includes correspondence with George A. Bennett, John L. Caskey, Georges Daux, Luther P. Eisenhart, M. Alison Frantz, John Koumaris, George E. Mylonas, Lucy Talcott, James M. Tanner, Homer A. Thompson, J.C. Trevor, and Joseph S. Weiner]).

Project to study Greek remains, 1954 (includes Angel's grant application, his report, and correspondence [arranged chronologically, includes correspondence with Luther P. Eisenhart and a letter to Ralph E. Knutti]).

Ancient Greece statistics, n.d. (probably late 1930s, measurements on skulls, the "types" are arbitrary racial types into which Angel divided the skulls and people he studied; the materials apparently were used for Angel's dissertation). Type subgroups A (Basic White), B (Mediterranean), and D (Nordic and Iranian). Type subgroups C (Alpine), E (Mixed Alpine), and F (Dinaric Mediterranean). Statistical analyses of types A, B, C, D, E, and F: types and subtypes, race and culture changes, skulls, single sites and periods, experiments, adjustments, n.d. (two folders; measurements on skulls, the materials apparently were used for Angel's dissertation, probably late 1930s).

Skulls: Neolithic-Copper, Early, Middle, and Late Bronze, Early Iron, Classic, Hellenistic, n.d. (probably late 1930s, measurements and observations on skulls; the materials apparently were used for Angel's dissertation).

Box 29

Demography and health: Demography and longevity, pathology, ecology, microevolution, skull statistics, teeth and face, skeleton statistics, Cyprus skulls, Episkopi living, 1949, 1954, 1956, 1957 (measurements on ancient and modern skeletal remains from Greece, Turkey, and Cyprus).

Skeletons: Roman, Byzantine, Neolithic Mycenaean, Submycenaean Cephallenia, Early Iron, Classic Corinth, Classic Athens, Byzantine, Neolithic Submycenaean, Geometric Byzantine, 1937-1939 (measurements on skeletal remains; the materials apparently were used for Angel's dissertation).

Anthropometric measurements on living Greeks, Cretes, Turks, and Illyrians; analyses of Magdalenaberg skeletal remains; photography record 1936-1942, 1949 (two folders; most undated, includes data on Americans that was obtained by Earnest A. Hooton and H.N. Gould from Nashville firemen, Massachusetts militiamen, and Acadian French; the materials apparently were used for Angel's dissertation).

Data sheets (measurements taken on skeletal remains recovered from various sites; most of the data sheets are separated into adult males, adult females, and children and infants): Early Neolithic, 7000-5000 B.C., 1957, 1965 (two folders). Late Neolithic, 4000-3000 B.C., 1937, 1938, 1939, 1949, 1957, 1959, 1965, 1969, 1975 (two folders).

Box 30

Early Bronze, 3000 B.C.-2000 B.C.: 1938, 1939, 1954, 1965. Middle Bronze, commoners and royalty, 1938, 1939, 1949, 1954, 1957, 1959, 1965, 1972, 1975 (two folders). Middle Bronze, Lerna, 1954, 1957, 1967 (two folders).

Box 31

Late Bronze, LH III: Mycenaean, Attica and north, 1450-1150 B.C., 1938, 1949, 1954, 1965, 1972 (two folders). Mycenaean, Argolis and Pylos (Messenia), 1500-1150 B.C., 1938, 1939, 1954, 1957, 1965, 1972, 1975 (two folders).

Early Iron, Submycenaean and Cephallenia: 1938 (two folders). Submycenaean and Protogeometric, 1150-900 B.C., 1937, 1938, 1949, 1954, 1957, 1965, 1969, 1972, 1975, 1977 (two folders).

Box 32

Geometric, 900-680 B.C.: 1937, 1938, 1949, 1954, 1957, 1959, 1965, 1972, 1977 (two folders).

Classic, 680-300 B.C.: 1937, 1938, 1939, 1949, 1954, 1957, 1965, 1972, 1973, 1977 (two folders). Hellenistic, 300 B.C.-120 A.D., 1938, 1939, 1949, 1954, 1957, 1972, 1975, 1977, 1978 (two folders--first folder).

Box 33

Hellenistic (second folder) Roman, 120-600 A.D., 1937, 1938, 1949, 1957, 1965, 1967, 1972, 1975, 1977 (two folders). Medieval-Byzantine, 600-1400 A.D., 1936, 1937, 1938, 1949, 1954, 1965 (two folders). Turkish-Baroque, 1400-1800 A.D., 1938, 1949, 1954, 1972 (two folders). Romantic and Recent, 1800-1960 A.D., 1949, 1954, 1957, 1965, 1969, 1972 (two folders).

Box 34

Modern, 1938, 1939, 1940 (includes people from Chalcidice, northern Greece, central Greece [Phocis to Doris], Attica, Megaris, Boeotia, and Euboea, Corinth and Peloponnese, Ionian Islands, Crete, Cyclades, Istanbul, and Asia Minor).

Photographs of skeletal remains: Neolithic-Copper (Thermi, Troy I-II, Yortan), Early Bronze (Troy III-V, EH I-III), Middle Bronze (MH I-II, LH I-II), Late Bronze (LH III, Troy VI, Mycenaean), Early Iron (Submycenaean, Protogeometric, Geometric), Classic, Hellenistic, Roman (Early Christian), Byzantine-Medieval, Recent, n.d. (five folders; small photographs of the remains mounted on paper with headings stating age, where found, excavation, and year).

Box 35

Kalenderhane Camii, Turkey: Correspondence with Cecil L. Striker and Donald R. Brothwell, and data sheets, 1978-1979. Manuscripts of the unpublished[?] report by Angel and Sara C. Bisel, 1978-1983. Data sheets, 1977, 1978 (two folders; arranged male skulls, male skeletons, female skulls, female skeletons, children and adolescents). Photographs of skeletal remains, arranged by field number, 1977-1978.

Kalinkaya: Notes, 1978-1980 (includes manuscripts and data sheets). Data sheets, 1978 (separated by adult males, adult females, and children).

Karatas, Anatolia: Data sheets, Early Bronze, 1965, 1966, 1967, 1969, 1972, 1975, 1977 (five folders; the data sheets are separated by male skulls, male skeletons, female skulls, female skeletons, and infants and children).

Box 36

Early Bronze, second folder. Middle Bronze and Early Iron, 1967, 1969. Replaced skeletal remains from a repeat study, 1964-1969, 1972, 1975.

Maps (all are in the map drawer): Karatas excavation site, showing cemeteries and trenches. Excavations by the Bryn Mawr College expedition by(?) Machteld Mellink in 1967-1968, trench 98, Circle cemetery. Old cemetery. Trench 101. Southeast cemetery. Trench 7-8-12.

Karatas-Semeyuk: 1965-1979 (two folders, includes handwritten draft, data sheets, notes, and a manuscript by Mary Voight on the skeletal remains; see maps this series).

Box 37

Kerameikos: 1954, 1977-1979, data sheets (the observations were taken by Sara C. Bisel and M.L.S.).

Lerna: maps (all are in the map drawer). Trenches, a tracing by Tucker Blackburn of Lloyd Cotsen's plan, February 1966. Graves, Tucker Blackburn's plan, February 1966. Unidentified site, n.d.

Maps: n.d (unidentified sites, might be Karatas).

Miscellany: data sheets, uncertain status, 1938, 1939 (remains from Koumaris and Corinth, Greece). Miscellany, 1975 (includes labels used to identify various skulls[?], and an identification card for Angel from 1975).

Near East: data sheets, desert zone, northern Africa and Iran, 1937, 1938, 1940, 1957. Nichoria, 1978, data sheets (observations taken by Sara C. Bisel).

Notes on skeletal remains: 1954-1977 (includes miscellaneous notes, sample data sheets, notes on skeletal remains from various sites [identifying the bones Angel studied, the numbers he assigned to the remains, where the bones were found, the year the bones were studied, the age and sex assigned, and descriptions of the bones], and a list of living people from Ayvasil measured in 1977; sites include Akanthos, Asine [includes a map showing Swedish excavations], Athens Agora, Lerna, Karatas, Kizilbel and Karaburun, Ierissos, Kalinkaya, Kalenderhane, Gordion, and Kerameikos).

Pylos: 1957, two pages of field notes on tombs.

Receipts of analyses done on skeletons for Angel: 1949 (includes x-ray).

Roman: data sheets, 1937-1939, 1949, 1977, 1978 (skeletal remains from Athens Agora, Kermeikos, Koumaris; the Kermeikos remains from 1978 were studied by Sara C. Bisel and M.L.S.).

Tell Jemmeh: 1977 (data sheets).

Troy: notes and miscellany, 1936?-1937? (includes field notes on the skeletal remains, and data sheets). Troy and Aegean, Anatolia, data sheets, 1938, 1939, 1949, 1957.

Vlasac: 1982 (includes copies of the original measurements done by Nemeskeri and Szathmary[?] and annotated by Angel).

Box 38

Wade Kubbaniya: 1984-1986 (three folders, includes manuscripts [including a copy of Fred Wendorf's report], correspondence, photographs and slides, and data sheets).

Box 39

Photographs (Boxes 39-52): Skulls (these papers consist of manila folders inside of which prints of skeletal materials have been glued and descriptions written; they were left in the order in which they were found). Mesolithic, Neolithic, Early Helladic.

Box 40

Middle Helladic.

Box 41

Middle Helladic (continued), Late Helladic.

Box 42

Late Helladic (continued), Submycenaean, Cephallenia.

Box 43

Submycenaean Attica, Protogeometric, Geometric, Classic.

Box 44

Classic (continued), Hellenistic.

Box 45

Hellenistic (continued), Roman (Attica).

Box 46

Roman (Argolis), Medieval and Byzantine, Boeotia and Attica, Byzantine Corinth, Late Roman, Early Christian, Early Byzantine, Turkish Baroque.

Box 47

Turkish (continued), 19th century (Stephanos collection).

Box 48

Romantic and Modern, Recent.

Box 49

Innominate (Bronze Age to Historic) of males and females, children's skulls, North Africa, Egypt, Palestine, Iraq, Iran.

Box 50

Cyprus (Neolithic to Roman) (84 folders), cranial photographs, Aegean (Cyclades and Troy) (45 folders).

Box 51

Living Greeks and Cypriotes: (portraits-front and side views-of males with the subjects's name, age, occupation, and location where the photograph was taken; people were photographed in Macedonia [Chalcidice], Thrace and East Macedonia, West Macedonia and Thessaly, Central Greece [Phocis and Doris], Boeotia and Attica, Isthmian and Northeast Peloponnese, West Peloponnese, Ionian Islands, North Crete, and the Aegean Islands).

Box 52

Living Greeks and Cypriotes: continued (people were photographed in Istanbul, and Anatolia; other people photographed were Episkopi Greeks and Episkopi Turks [endogamous and exogamous natives; these portraits do not include any information on the subjects]).

SERIES 4. ANTHROPOLOGY OF CHRONIC DISEASE. 1943-1965. 5 ft.

Arranged by subject.

The materials include anthropometric data sheets, photographs, correspondence, projective drawings, publications by Angel (some with background materials) and other authors, progress reports, and lists of patients. Previous investigations had shown that there was some correlation between body build and people who tend to contract certain diseases. Angel suggested that there may be genetic factors involved not only in obesity, but in conditions such as varicose veins, arthritis, hyperthyroidism, and hypertension. He

proposed that patients at the Curtis Clinic of the Jefferson Medical College be studied for general history, social background, psychological makeup, and other possible inheritable factors to determine what types of people tend to acquire or to escape any given disease or pathological condition.

Angel examined 124 adult White females, 55 immature White females, and an unstated number of adult Black females and adolescent Black females between 1944 and 1948. Angel did not obtain adequate male samples. Forty-six of the White adults were re-studied from 1954 to 1957. In addition to taking full-body anthropometric measurements to study growth patterns, data was gathered on the women's social and ethnic background, morphological type, heredity, physiology, and temperament. Angel carried out all the anthropological work as well as the photographs.

Angel obtained measurements from typical Philadelphians to use as controls. In his letter of 7 April 1961, Angel proposed to William F. Betsch, medical director of the Philadelphia Electric Company, that they conduct a study on aging of healthy people. The study was taken on PEC employees with Santo Longo assisting Angel. These measurements are placed under the entry on Jefferson Medical College.

In the 1960s, Angel performed research on age change using Jefferson Medical College students. He studied the students from the standpoint of anthropology and blood chemistry (serum cholesterol, blood sugar, creatinine, and uric acid levels). The work was supported by National Institutes of Health grant A-224 and continuances from 1951 to 1964. Angel was assisted by Karl Paschkis, endocrinology; Robert A. Matthews, Robert Shopbach, and Albert Kaplan, psychiatry; Abraham Cantarow, biochemistry; and Paul Swenson, radiology.

For a critique of Angel's work on obesity see the article by Claire Monod Cassidy in *A life in science: Papers in honor of J. Lawrence Angel*, edited by Jane Buikstra (a copy is in the vertical file on Angel). Addresses that may be of patients is in the series on miscellaneous personal papers, photographs of the patients are in the series on photographs, and also see the series on grants.

Box 53

Patients: data and pedigrees, n.d. (index cards on patients who participated in the studies on obesity, varicose veins, skin diseases, brachydactyly, hypothyroid, hyperthyroid, retardation, gigantism/acromegaly, arthritis, and genetic pairings).

Box 54

Obesity studies: (photographs of the subjects are in this series under photographs). Data sheets (anthropometry data sheets, arranged by assigned number). White females, adults. Repeated, 1944-1948 (women who repeated the examination in the 1950s). Second measuring, 1954-1956 (data sheets for the women who repeated the examination). Non-returning, 1944-1948 (two folders, women who did not repeat the examination in the

1950s). Deceased since being examined, 1944, 1945, 1947. White females, adolescents, 1944-1949, 1956 (one subject repeated the examination in 1956, her data sheets include a projective drawing).

Negro females, 1944-1949, 1954-1956 (two folders, data sheets for four subjects who repeated the examination and one deceased subject are at the front of the folder).

Immature, both sexes, and White males, 1944-1948, 1962 (data sheets for two adult males are at the front of the folder).

Study of 100 white obese females, 1946, 1952 (includes analyses of the data that was collected, data on varicose females and males, a manuscript of the Angel talk[?] on "Anatomical aspects of obesity," a manuscript of the Angel publication "Constitutional obesity" [1946], a 1946 letter from Karl E. Paschkis in which he critiques a proposed paper by Angel on the obesity studies, and a critique of a proposed paper by Angel on the obesity studies by Henry B. Richardson).

Box 55

Drawings by obese women, probably 1950s (pencil drawings, usually of trees or people or both, apparently what Angel referred to as projective drawings and used to identify how the women view themselves).

Obesity and genetics, 1956, 1960 (includes the results of matings, materials for Angel's article "Genetic factors in obesity" [1957], and disease frequencies of the obese).

Age changes in obesity, Whites, ca.1956-ca.1960 (includes manuscripts of, and background materials for, Angel's articles "Age changes in obesity," 1956 and "Age change in obesity," 1960).

Age changes in obesity, 1946, 1958 (includes manuscripts of, and background materials for, "Age changes in adult obesity" [unpublished?], Angel's progress report for grant A-244-C3 [1958], Angel's abstract "Increase in length of life in ancient Greece" [1946], and an untitled article on the Greek remains and obesity studies; additional materials are reprints including one by Louis I. Dublin and Mortimer Spiegelman on life tables and one by the Metropolitan Life Insurance Company on "Longevity from ancient to modern times").

Obesity, measurements, data, and analyses, 1944 (includes anthropometric measurements; analyses of obesity looking at environmental conditioning, somatotypes, ethnic origins, and disease; Angel's "Prospectus for further constitutional study of clinic patients," 1944; psychiatric sheets done by Kaplan; and a manuscript of Angel's unpublished[?] article "The anthropological background in female obesity").

Obesity and varicose, 1943-1944 (includes notes on the types of information to record, a letter from Laurence Snyder, Angel's letter to Levine, a carbon copy of the planned research, and rough drafts of the anthropometric data sheets; there does not appear to be any information on varicose, but Angel included it in the folder label).

Patients n.d. (includes lists of patients who have and have not been tested). Returned and deceased, 1952-1957 (letters to patients requesting re-examination from the previous study ten years earlier). List of obese White patients and adolescents, ca.1950s (includes most current addresses and return status).

Obese Negro, letters sent with no response, 1954-1955. Obese, no contact, 1955-1956, 1958 (letters sent to patients). Obese White, lost or letter sent returned, 1954-1956. Contacted but did not return, 1955-1956. "Request for special study" forms for patients at the Curtis Clinic, Jefferson Medical College and Hospital, 1953-1958.

Box 56

Varicose studies: (anthropometry data sheets arranged by assigned number; photographs of the subjects are in this series under photographs). White males, 1944-1947 (two folders). White females, 1944-1947. Negro males, 1944-1947. Negro females, 1944-1946.

Hypertension studies: (photographs of the subjects are in this series under photographs). Data sheets (arranged by assigned number; includes projective drawings). White males, 1952-1956. White females, 1952-1958. Negro males, 1953-1955. Negro females, 1952-1958.

Hypertension and arthritic patients, 1953-1954 (lists of the patients). Letters to hypertensives, 1956-1958 (the letters are from Angel and Dorothy Fox requesting the people to come in to be examined).

Box 57

Hyperthyroid studies: 1944-1948, 1953-1955 (data sheets for males and females, Whites and Negros, arranged by assigned number, includes some projective drawings; photographs of the subjects are under the entry on photographs).

Hypothyroid studies: 1944, 1948, 1954 (data sheets for three subjects, all White females; photographs of the subjects are under the entry on photographs).

Arthritis studies: 1948, 1953-1955 (data sheets for males and females, Whites and Negroes, includes some projective drawings; photographs of the subjects are under the entry on photographs).

Jefferson Medical College: Families, normal genetics, 1960-1961 (anthropometry data sheets and projective drawings) Health of typical Philadelphians, controls, 1960-1961 (includes the letters of introduction [with photographs] of three students-Alfred Guzzetti, Santo Longo, and Judith Schermer-who were sent to collect this data).

Data sheets, 1961, 1964 (includes photographs of subjects and projective drawings by the subjects; the subjects were all Italian-Americans).

Philadelphia Electric Company, 1961 (includes correspondence, data sheets, photographs, questionnaires, and projective drawings).

Control questionnaires for the study of chronic disease (almost all males). 1960 (two folders, probably freshmen students, one female). 1961 (two folders, freshmen students).

Box 58

1962 (freshmen students). Statistical summaries, 1963-1964 (includes list of the student subjects[?], and statistics on stature, weight, chest circumference, sitting height, resting pulse, blood pressure, hand strength, blood sugar, serum cholesterol, and other measurements).

Measurements on freshmen students (includes measurements and projective drawings). 1960-1961 (senior classes of 1963 and 1964; measurement forms on some freshmen are in the folders on the 1963 and 1964 re-studies). 1961-1962 (senior class of 1965; the measurement forms on some freshmen are in the folder on the 1965 re-study; photographs of the participants are under the entry on photographs).

Re-study of medical students.

Correspondence, 1963-1965 (Angel's correspondence with Richard King, Santo Longo, Harold I. Mark, and A.J. Ramsay).

General, 1963-1965 (involved the re-study of senior medical students who were originally studied as freshmen in 1961 as part of the research on age change and chronic disease; includes lists of seniors for 1963 and 1965 and the results of the blood studies from the 1965 seniors). 1963 re-study of 1960-1961 freshmen (includes both 1960 and 1963 measurements on, and projective drawings by, the students). 1964 re-study of 1960-1961 freshmen (includes both 1960 and 1964 measurements on, and projective drawings by, the subjects). 1965 re-study of

1961-1962 freshmen (includes both 1961 and 1965 measurements on, and projective drawings by, the subjects).

Report on aging study, 1964.

Travel to Philadelphia, 1964 and 1965.

Miscellany, n.d. (includes blank data sheets for the study of chronic disease and the Jefferson Medical College anthropology of disease study and notes on recently deceased people who apparently were used in a study).

Box 59

Anthropology of disease, data sheets, 1960 (four folders, arranged by age of subject and sex, information requested included age, sex, weight, stature, build, family position, national origin, number of children, and whether the subject had been treated for a number of diseases).

Box 60

Miscellany: Control questionnaire for the study of chronic disease, 1952-1957 (most of the papers are undated; includes a copy of Angel's 1957 progress report, drafts of the questionnaire, a 1953 list of the participant and their record numbers). Control group, 1945, 1948 (data sheets for white females). Controls, female, 1958, 1960-1961 (data sheets for White females). Controls, drawings, 1960-1961 (these are projective drawings each showing a person, a house, and a tree). External pterygoid study, 1948-1949 (index cards with information on individuals and various measurements; the individuals are identified by number, sex, and race).

Underdevelopment, 1944-1946 (anthropometry data sheets for undersized adults and children, arranged by assigned number; photographs of the subjects are under the entry on photographs).

Skin disease, 1945 (anthropometry data sheets for adults with skin diseases, arranged by assigned number; photographs of the subjects are under the entry on photographs).

Overdevelopment and miscellaneous, 1944-1948 (anthropometry data sheets for adults and children, arranged by assigned number; photographs of the subjects are under the entry on photographs).

Notebooks. 1952-1953, 1956-1958, 1960-1962 (this is an appointment book listing the patients, the date they came in, their diseases, their assigned numbers, their blood work results, and instructions for photography and film development). 1954-1955 (includes blood cholesterol and blood sugar results on patients; the results of Angel's blood work is dated 25 April 1955).

Cholesterol study, 1952 (includes lists of patients, their assigned numbers, and their results); n.d. (includes lists of patients and their blood work results).

Notes, 1954-1959 (includes lists of chemicals and other supplies; instructions for performing the various blood tests; lists of the hypertensive, arthritic, hypothyroid, and hyperthyroid subjects; the medical history of some of the subjects; and blood work results on patients).

Box 61 (RESTRICTED)

Photographs: Obese White women, n.d. [1954-1957?]. Obese Negro women, n.d. [1944-1947?]. Restudy of obese White women, n.d. [1954-1957?]. Obese, immature, n.d. Varicose veins, n.d. (photographs of White and Negro men and women).

Box 62 (RESTRICTED)

Varicose veins, n.d. (second folder, photographs of White and Negro men and women). Hypertension, n.d. Hyperthyroid, n.d. Hypothyroid, n.d. Arthritis, n.d. Underdevelopment, 1944-1946. Skin disease, n.d. Overdevelopment, n.d.

Jefferson Medical College senior class, 1963.

Box 63 (RESTRICTED)

Senior class, 1964 (freshman class of 1960-1961). Senior class, 1965 (freshman class of 1961-1962).

Plates used by Angel in his 1960 article "Age change in obesity".

Miscellany, obese White families, 1960, 1962 (photographs of subjects taken at Jefferson Medical College).

SERIES 5. HARVARD UNIVERSITY-JOHNS HOPKINS HOSPITAL ANTHROPOLOGY STUDY 1959-1964. 10 in.

Arranged by subject.

The Harvard University-Johns Hopkins Hospital anthropometry study was a joint project to relate body build to certain aspects of chronic disease. It was initiated by the Harvard anthropology department and included consultants from Johns Hopkins and Jefferson Medical College. The purpose was to study the physical characteristics of the sample and to correlate these with the person's health, blood lipid and sugar levels, eating and smoking habits, and social and genetic backgrounds.

Carl Seltzer of Harvard University headed the project and Angel was in charge of the Johns Hopkins portion of the study. Caroline Bedell Thomas also participated in the study. The students studied were enrolled in the Johns Hopkins medical school. Angel did the anthropometry, somatotype photography, and the ratings of the body drawings. The drawings are not present in the collection.

Box 64 (RESTRICTED)

Correspondence: 1959-1963 (includes the form letter sent to students and correspondence with Seltzer and Thomas).

Anthropometric data sheets: 1960-1964 (three folders; carbon copies of the original data sheets, arranged by assigned number).

Student sample: 1960-1964 (lists of students studied and not studied by year, and the re-classification of student drawings of male and female figures).

Expenses: 1960-1964.

Miscellany: 1960-1961 (includes an address book and reprints by Seltzer and by Thomas).

Photographs: n.d. (negatives of study subjects).

Box 65

Smoking study (arranged alphabetically; index cards with information on individuals' and their parents' smoking habits).

SERIES 6. FIVE GENERATION STUDY. 1962-1985. 10 in.

Arranged by subject.

This study looked at the impact of changes in nutrition and control of childhood disease on United States White and Black populations by analyzing skeletal indicators such as skull base height, depth of the pelvis, dental disease, growth arrest lines, and stature. Approximately 800 skeletons from the Terry collection and forensic cases dating from 1840 to 1940 were studied.

Box 66

Notes (includes data sheets for two White women who were born in 1895 and notes concerning the data sheets).

Data sheets, skeletons and teeth, 1962-1984.

White women, x-1864, 1865-1889, 1890-1914, 1915-1939, 1940-x. White men, x-1864, 1865-1889, 1890-1914, 1915-1939, 1940-x.

Box 67

Black women, x-1864, 1865-1889, 1890-1914, 1915-1939, 1940-x. Black men, x-1864, 1865-1889, 1890-1914, 1915-1939, 1940-x.

SERIES 7. SKULL THICKNESS PROJECT. 1968-1969, 1971, 1976. 5 in.

Arranged by subject.

In this study, Angel analyzed 586 skull vaults from the Terry collection to test the assumption that the skull vault is thinner and less dense in old age. A corollary study was to determine if there are sex and race differences. Angel found that vaults thicken with increasing age except among White males; that density decreases more rapidly in females, while their skull vaults are thicker than males; and skull vaults of Blacks were thicker than Whites only posterosuperiorly, while there was increased density in males only.

Box 68

Data sheets, White males, 1968, 1969, 1971 (arranged by age of subject). White females, 1968, 1969, 1971 (arranged by age of subject). Black males, 1968, 1969, 1971 (arranged by age of subject). Black females, 1968, 1969, 1971 (arranged by age of subject). Teenagers, Blacks, 1976.

Pathological, Whites and Blacks, males and females, 1968, 1969, 1971 (arranged by race and sex).

Miscellany, 1968, 1969, 1971 (includes data sheets on which the cause of death[?] is written and data sheets that were excluded from the analyses for undisclosed reasons [possibly because the measurements were repeated]).

Measurements, data and analyses, n.d.

Publications, 1971 (includes an abstract for the 1971 American Association of Physical Anthropologists meeting; and an article, written with Margaret Evans, titled "Thicknesses and density of adult skull vault change slightly with age, sex, and race," submitted to Science [with reviewer comments]).

Statistical analyses by sex and race, n.d.

SERIES 8. BIOLOGICAL AND CULTURAL MICRODIFFERENTIATION AMONG RURAL POPULATIONS OF YUGOSLAVIA. 1981-1986. 5 in.

Arranged by subject.

In 1981, the Institute for Medical Research and Occupational Health; the Laboratory of Anthropology in Zagreb, Yugoslavia; and the Smithsonian Institution co-sponsored a study of microevolution in a specific human population-in this case, Yugoslavs and their descendents in the United States. The researchers compared the rural populations of central Dalmatia to their urbanized and industrialized descendents in the United States in order to observe the "influence of ecological factors on biological and cultural microdifferentiation."

Angel was principal investigator of the project for the Smithsonian with Linda A. Bennett as co-principal investigator. Pavao Rudan was principal investigator in Yugoslavia. Consultants were Marko Saric and Hubert Maver in Yugoslavia, and Paul T. Baker and Derek F. Roberts in the United States.

Box 69

Research proposals, 1981, 1982 (three drafts).

Progress reports, 1983 and 1984.

Final report, 1986 (two folders).

Correspondence, 1982, 1983, 1986 (with Linda Bennett and with Elizabeth C. Segal of the International Research & Exchanges Board concerning Rudan's visit to the Smithsonian).

Miscellany, 1983, 1985 (includes a copy of the paper by Bennett, Rudan, and Angel on the project, and a copy of the questionnaire for the field research).

SERIES 9. FIRST AFRICAN BAPTIST CHURCH. 1983-1987. 7.5 in.

Arranged by subject.

The First African Baptist Church was formed in 1809 as an offshoot of the First Baptist Church of Philadelphia. A split in the congregation occurred in 1816, with one group being formally recognized by the Baptist Association. The excluded group continued to meet under the leadership of Reverend Henry Simmons and is the group associated with the remains. The FABC had its cemetery at 8th and Vine and used it from 1823 to 1843. In November 1980, subway expansion work unearthed the cemetery and Michael Parrington and Stephanie Pinter subsequently excavated the burials of over 56 adults

from 1982-1984. The remains represent one of the first free Black communities in the United States. Angel analyzed the skeletal remains on what would be one of his last projects.

The findings on the skeletal remains were published in "Life stresses of the free Black community as represented by First African Baptist Church," 1987. Photographs of the skeletal remains are in the series on photographs, and Parrington's article on the FABC is in the series on writings by other authors.

Box 70

Field records, 1983-1984 (two folders, photocopies of the burial forms, including drawings of the burials).

Skeletal inventory sheets, 1983-1985 (three folders, photocopies of the forms, including five pages of notes on the burials; the observer was Stephanie Pinter).

Box 71

Data sheets, 1984-1987 (three folders: male, female, children).

Notes, 1986-1987 (on skeletal indices, on how to take measurements, on the skeletal remains, a photograph record, and a "to do" list).

SERIES 10. OTHER RESEARCH PROJECTS. 1945-1986. 12.5 in.

Arranged alphabetically.

This series is composed of those research projects that did not have enough materials to warrant their own series. It includes data sheets, manuscripts, reports, correspondence, photographs, slides, and negatives.

The goals of the bone density change project were to study old age changes in the density of certain human bones and in different portions of the bones; to investigate the relationship between changes in density and age, bone measurements, and skeletal maturation; and to collect anthropometric measurements. Samples were taken from dissections of 67 cadavers obtained from the Daniel Baugh Institute and other medical schools in the Philadelphia area. Paul T. Baker was the principal investigator.

The Catoctin Furnace site, 18FR323, was excavated in 1979 in Frederick County, Maryland, by Kenneth Orr and Sharon Burnston during a salvage archaeology project for the Maryland State Highway Department. The site was a cemetery used for slave workers in an iron works furnace from the late 18th century to the early 19th century.

The dog craniometry studies were an attempt to find out what cranial traits were under primary genetic control and to use this to understand the stability of the traits and the stability of the trait combinations that underlie the definitions of "types." Fast-breeding animals proved impractical and Angel resorted to the Stockard collection of dog skulls (see Angel's 1947 article in the series on writings by Angel).

The Virginia Research Center for Archaeology sent several skeletal remains to Angel for analysis. The Governor's Land skeletons were from the Drummond-Harris site and the Armor site (also known as the Maine site). The burials from the Drummond-Harris site dated from the late 17th century to the late 18th century, with most of the burials dated between 1725-1750. The Armor site burials dated from the second and third decades of the 17th century. The human skeletons from Gloucester Point were from a British Revolutionary War graveyard dated to 1781; one skeleton was of an American Indian. There were also data sheets and negatives of human remains from the Jayne La Point site in New York dated to the War of 1812.

Photographs from a number of these research projects are in the series on photographs.

Box 72

Bone density changes in old age, 1958 (see the 1965 article in the series on writings by Angel and box 158 for photographs of the dissections).

Data sheets. Skeletons (arranged by sex and chronologically by date of measurements thereunder). White, 1957-1962. Negro, 1958-1962.

Tela thickness, 1957-1958 (index cards with tissue measurements, race, age, sex, autopsy[?] table number, and pathologies noted).

Catoctin Furnace, Maryland, 1978-1983 (two folders, includes correspondence, analyses, data sheets, negatives, and photographs of the skeletal remains).

Colonial Williamsburg, 1980 (these visits were from one to four days; see the series on reference materials under physical anthropology, skeletal data).

Dog craniometry, 1947-1948 (nine folders, includes results of matings, dog skull measurement data sheets, and photographs of dog skulls).

Box 73

Measurement sheets (fifth folder); photographs of the skulls (sixth folder).

Green Hill site, Virginia, 1984-1985 (includes data sheets, correspondence, negatives and slides; involved the analysis of the remains of an individual excavated by the Colonial Williamsburg Foundation).

Indian skeletons at Eastham, Cape Cod, Massachusetts, 1968 (includes data sheets and negatives of the skeletal remains)

North America, data sheets, 1945-1946 (includes data sheets for the Tranquillity site, a skull found on the property of M.W. Hendren [see the series on photographs], and the Broomall Rock Shelter in the Philadelphia area).

Ramus inversion, 1985-1986 (includes materials for the 1986 article "Posterior ramus edge inversion: A new racial trait"; includes a draft of the article, letters from George W. Gill, data sheets, photographs, and negatives).

Skull base height studies, modern and non-modern populations, 1980-1981 (with Lise M. Olney, 2 folders, includes early drafts of the 1981 publication).

St. Anne's Church, Annapolis, Maryland, 1984 (includes data sheets, correspondence, negatives and slides; the skeletons were found in the eastern two-thirds of the Margaret T. Carroll burial vault which was being restored).

Box 74

Terry collection studies of Black and White skeletons, 1980 (data sheets separated by race and sex; see the series on reference materials under physical anthropology, skeletal data).

Time since death, ca. late 1970s (a study Angel performed using forensic cases; the index cards contain much information about the cases that is not found elsewhere in the collection, including the identity of many of the victims; see the series on legal matters, the series on reference materials under physical anthropology, and the series on the Department of Anthropology, Division of Physical Anthropology).

Virginia Research Center for Archaeology:

Governor's Land, 1976-1983.

Armor site, 1976-1981 (includes data sheets, analyses, excavation records, and photographs).

Drummond-Harris site, 1977-1983 (two folders, includes correspondence, a photocopy of Angel and Kelley's [unpublished?] report "The Armor and Drummond-Harris sites, Governor's Land, Virginia" [1981], data sheets, analyses, a drawing of the site, negatives, and data on skeletal remains from the Deep River site in Anne Arundel County, Maryland).

Gloucester Point, 1981-1984 (skeletal remains from site 44GL196; the papers include data sheets, photographs, and a drawing of the site; included with these

materials were data sheets and negatives of human remains from the Jayne La Point site in New York dated to the War of 1812).

SERIES 11. EDUCATION. 1940-1986. 5 ft.

Arranged alphabetically by subject or institution.

This series is composed of materials on courses Angel taught; education programs at the Smithsonian and other institutions; examinations; lectures by Angel and by others; photographs of classes; minutes of Daniel Baugh Institute staff conferences; Angel's notes as a civilian consultant to the United States Naval Hospital; thesis committees on which Angel served; correspondence concerning the forensic pathology courses, and recommendations for colleagues and students; and talks to professional organizations, universities, high schools, and clubs. It does not include any papers on Angel's undergraduate or graduate classes (see the series on miscellaneous personal papers).

Angel was an assistant in anthropology at Harvard University from September 1939 to January 1941; an instructor in anthropology at the University of California, Berkeley, from September 1941 to August 1942; and an instructor in anthropology from September 1942 through July 1943 at the University of Minnesota. From Minnesota, Angel went to the Daniel Baugh Institute of Anatomy of the Jefferson Medical College in Philadelphia, Pennsylvania. His title was associate from July 1943 to 1950, assistant professor from 1950 to 1951, associate professor from 1951 until 1962, and professor until August 1962, when he left DBI to work at the United States National Museum. Angel's papers on his teaching at the Daniel Baugh Institute were not as well arranged and labeled as most of his materials. Although his arrangement was maintained in general, some re-arrangement of the materials was done to make them more accessible.

After coming to the Smithsonian, Angel continued to lecture part time. He taught at George Washington University from 1962 to 1986, and at Howard University from 1965 to 1970. Angel also was a visiting professor at several institutions, including the University of California, Berkeley, where he taught two classes during the second summer session of 1966, and at Harvard University during the spring of 1970, when he taught a human paleoecology course.

The seminar in forensic pathology in which Angel taught was sponsored by the Johns Hopkins University School of Public Health (which carried Angel as an unpaid lecturer), the Armed Forces Institute of Pathology, the Office of the Chief Medical Examiner in Baltimore, and the Smithsonian. The courses were initially designed for staff at the AFIP and the medical examiner's offices in Maryland and Virginia, but over the years attendance expanded nationwide.

Slides Angel may have used in his teaching are in the series on photographs.

Box 75

Albany Medical College of Union University: 1963 (guest lecturer in a course on personality development as a patterned process).

Antioch School of Law: (Angel taught a forensic anthropology course in the Spring of 1979).

Baltimore-Washington area physical anthropologists: 1977-1978 (materials concern attempts to establish a Ph.D. program in physical anthropology at neighboring universities).

Biology textbook, chapter 18: ca. 1964 (for a high school text).

Daniel Baugh Institute of Anatomy: 1943-1962.

Anthropology in medical education, 1959-1961.

Classes: anatomy of the new-born child (class outline); dissection lab, n.d. (instructions for several classes); ear (class outline); graduate anatomy seminars, 1952 (includes texts of the talks that were delivered); gross anatomy, 1954-1962 (two folders; includes roll books, books with class schedules and notes on departmental meetings, memoranda from A.J. Ramsay, lists of students, student grades, examination questions, class schedules and assignments, and class hand-outs); gross neuroanatomy, 1960-1962 (instructions for laboratory exercises[?], examinations, and class hand-outs); inguinal region layers (a homemade overlay showing the layers); neuroanatomy, 1949-1950 (includes outlines for the class lectures, a lecture schedule, and laboratory directions); neuroanatomy and histology hand-outs, n.d.; principles of development and genetics, 1961-1962 (includes materials on the 1961 conference on the teaching of genetics to medical students).

Schedules, 1951-1961 (includes classes in gross anatomy, histology and embryology, abdomen and pelvis, thorax, head and neck dissection, neuroanatomy, gross anatomy of the nervous system, and psychiatry).

Box 76

Examinations: anatomy, 1943-1958 (examinations for anatomy, gross anatomy, visceral and topographical anatomy, osteology and syndesmology, histology and embryology, neuronatomy and the organs of special sense, cognate divisions of anatomy, applied and topographical anatomy, and neuroanatomy; 2 folders); gross anatomy, 1959-1960, 1962 (some materials are undated; includes keys to examinations); gross neuroanatomy, 1959.

Miscellany, n.d. (answers to examination questions for an unknown class).

Freshman classes, 1946-1958 (lists of the freshmen).

Lectures, 1943-1949 (includes lectures on histology, neuroanatomy, and gross anatomy; these may be notes Angel took in classes given by other members of the staff).

Medical education, n.d. (includes an alumni bulletin article on the department of anatomy and brief biographies of the teachers [both probably written by Angel]).

Miscellany, n.d., 1958-1966 (most undated; includes information on some classes, lists of optional talks, and information on the undergraduate research assembly).

Photographs of classes, 1947-1951, 1955, 1956, 1958-1963 (photographs of two classes are from unknown years; the photographs apparently were taken in the freshmen year of the class, but the year refers to the year of graduation).

Box 77

Lectures, index cards, 1947-1986 (lecture notes for Angel's classes in gross anatomy (including quizzes) and gross neuroanatomy; and his notes for "personal lectures" to the Naval Hospital (1957-1962; see the entry United States Naval Hospital), the anthropology and medicine symposium, and talks before the American Anthropological Association and the American Association of Physical Anthropologists (1962-1965).

Box 78

Notes on talks given by staff and visitors, 1949-1959 (Angel's notes, which include responses by the audience).

Box 79

Plans for anthropology laboratory, 1949-1951.

Staff conferences and luncheons, 1943-1944, 1949-1961 (these meetings of the DBI staff were held on a monthly basis during the school year; Angel was the recording secretary from 1949-1957 and wrote the minutes of these meetings; some of these papers are talks by staff members; some talks delivered by Angel are in the series on writings by Angel; includes Angel's notes from some of the meetings, and the notes for Angel's talk on "Age change in adult obesity"; see the series on professional organizations and meetings under medical and surgical lectures and seminars).

Student advisory program, 1957-1959 (includes lists of students to whom Angel acted as advisor).

United States Naval Hospital, 1955-1962 (Angel served as a civilian consultant in surgical anatomy to the Naval Hospital in Philadelphia, Pennsylvania from 1957-1962; Angel assisted George A. Bennett with the classes; the materials include class schedules, lists of students, and correspondence; see the entry on lectures, index cards).

Degree candidates, Master of Arts and Ph.D.: Beasley, Andrew Bowie, n.d.; Bisel, Sara C., 1979-1980; Eisenstein, Steven M., 1979-1980; Ericksen, Mary Frances, 1968-1973; Hanson, Christine, 1986; Kagan(?), Dorothy, n.d. (Master of Arts project); Lundy, John Kent, 1983; Miscellany, 1970-1984 (includes materials on Glenn Short, Norm Tunnel [?; 1970], Ronald Bluestone, Kevin Kovitz, Madancy [1970], and one unidentified South African student from 1984); Morris, Alan Gregory, 1984-1985; Schulter, Frances Pierce, 1971; Walensky, Norman A., 1963; Yett, Beverly, 1972.

Employment opportunities (these are job announcements with requests that Angel help to fill the position).

Fellowship applicants, 1972-1986 (arranged alphabetically; includes a letter from Pat Shipman).

Forensic pathology (see the series on legal matters).

Correspondence, 1967-1977, 1981 (most concern assistance rendered by Angel to various people; includes Angel's identification of a human ear).

Seminars: 1963, 1964, 1967, 1968, correspondence; 1969, correspondence; 1970, correspondence; 1971, correspondence; 1972, correspondence; 1973, correspondence; 1974, correspondence.

Box 80

1975, correspondence; 1976, correspondence; 1977, correspondence; 1978, correspondence; 1979, correspondence; 1980, correspondence (includes a list of participants), evaluations of the course; 1981, correspondence (includes a list of participants); 1982, list of participants; 1983, correspondence (includes a list of participants); 1984, correspondence (includes a list of participants); 1985, correspondence, list of participants, and hand-outs.

Lectures for resident associate program, 1984 (student evaluations).

Lecture notes, 1972-1980 (two lectures; a notecard for one lecture includes a list of trial dates, victims, and courts where the trials will be held).

General lectures and society talks: 1959-1969 (includes notes from the 1961 conference on educational processes held in Atlantic City and notes on senate meetings).

George Washington University: (materials for many of the classes Angel taught; includes letters, a class syllabus, a list of students, grades, notes, and examinations).

Anthropology 1: 1962-1963 (D76, includes the final examinations of the students); 1963-1964 (E72, includes the final examinations of the students); 1964-1965 (F278, includes student papers); 1966.

Box 81

Anthropology 115: 1964 (two folders; E751, includes student information cards and student papers).

Anthropology 186 and 252: 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975 (includes student identification cards), 1976, 1977 (includes examinations), 1978, 1979 (includes results of student evaluations), 1980 (includes student information cards), 1981 (includes student information cards).

Box 82

1982, 1983, 1984 (includes two examination books for unidentified students), 1985 (includes an examination book for an unidentified student), 1986 (includes a course syllabus, a list of students, student grades, and the final exam of some students).

Human ecology seminar, 1970-1972 (includes notes apparently for a talk by Angel).

Lecture notes on osteology, Anthropology 186, ca. 1970s-1983.

Letters of appointment, 1963-1964, 1971-1973, 1985, 1986 (includes a copy of Angel's letter of resignation from the GWU Department of Anthropology).

Harvard University: 1940, class examinations; 1970, Anthropology 104 (includes correspondence, a class syllabus, hand-outs, list of students, grades, and examinations; see the entry on lecture notes for classes).

Howard University: Classes 1963-1967 (includes course outlines and teaching schedules).

Letters and mimeographs, 1962-1967.

Letters of appointment, 1966-1969.

Lectures: 1963-1986 (arranged alphabetically; correspondence concerning lectures given by Angel for high school students, visiting college students, and as a guest lecturer at various organizations and institutions; materials include lectures given to the American Academy of Forensic Sciences, American Society for Microbiology, American University, Armed Forces Institute of Pathology Wives Club, Baltimore Association of Medical Assistants, Bridgewater College [includes a copy of the lecture], Cornell University, Cosmos Club, Deal Junior High School, Experienced Senior Persons, Federal Bureau of Investigation Academy, George Washington University, Harvard Club of Washington, D.C., Howard University, Hunter College of the City University of New York, Lebanon Valley College, Mary Washington College, Montgomery College, Morgan State University, National Institutes of Health, Philadelphia Anthropological Society, Rotary Club of Friendship Heights, Temple Sinai, University of Maryland, University of Maryland Baltimore County, University of Virginia Anthropological Association, Walter Johnson High School, Walt Whitman High School, Washington County Medical Society, Washington Society for the History of Medicine, Winston Churchill High School, and Woodbridge Senior High School).

Lectures for forensic science courses at the Department of the Air Force Office of Special Investigations, George Washington University, and at the University of Georgia, 1972-1980 (does not include texts of the lectures).

Box 83

Lecture notes for classes: 1939-1986 (index cards with notes for class lectures, usually typed; most of the notes were probably for courses at Harvard University, the University of California, Berkeley, or the University of Minnesota).

Asia (Anthropology 82W).

European prehistory (160F; includes a list of students).

Oceania (Anthropology 169F; includes a list of students and their grades).

Prehistory (111).

Introductory anthropology (278F or 282D; probably for a class at George Washington University; includes two student cards).

Introductory anthropology (42S).

Introductory New World, 1943 (134; for a class at the University of Minnesota).

Lecture notes: modern Pueblo and Indians of the southwest (Anthropology 116S; includes a list of students and their grades).

Box 84

Physical anthropology (110F and 150A&B; includes a list of students).

Human paleoecology (Anthropology 104; for the 1970 class he taught at Harvard University; includes a list of students).

Races of the world (153 or 83W).

Fossil man (152).

Near East (Anthropology 131W).

Elements of the Old World, 1939-1940 (Anthropology 1A).

Races and human variation, 1975-1986 (Anthropology 186-252; apparently for a class at George Washington University).

Physical anthropology, 1966-1984 (152; probably for a class at George Washington University).

"Lecture Notes for Teaching Physical Anthropology."

Box 85

Miscellany: n.d. (includes hand-outs and examination questions from unidentified courses).

Notes for talks: 1968-1977 (the sites where Angel gave the talks are unidentified).

Recommendations for colleagues: 1970-1984 (arranged alphabetically; some materials include vitae and writings; colleagues for whom Angel wrote recommendations are Marvin J. Allison, Baruch Arensburg, Marshall Joseph Becker, Yair Ben-David, Michael L. Blakey, Jane Buikstra, Della Collins Cook, Claire Cassidy, Robert DiBennardo, Mahmoud El-Najjar, Michael Finnegan, Louisa Beter Flander, John Fleagle, M. Yasar Iscan, Kenneth A.R. Kennedy, Linda L. Klepinger, Richard Koritzer, William S. Laughlin, Schuler-Ellis, Mark Skinner, James V. Taylor, Douglas Ubelaker, Dennis P. Van Gerven, and N.I. Xirotiris).

Smithsonian Institution docents educational program and Smithsonian resident associates: 1965-1985 (arranged alphabetically).

Smithsonian Institution seminar series in paleopathology: 1971 and 1974 (includes course syllabi, hand-outs, and a list of skulls to use for the classes).

St. Hoyme, Lucile E.: 1966 (materials concerning her teaching a course at the University of Pennsylvania during the winter of 1966-1967).

Steering committee for anthropology and cultural studies: 1968-1971, 1981
(materials are concerned with academic programs).

Student interns: 1968-1986 (arranged alphabetically; correspondence).

Student recommendations: 1972-1983 (arranged alphabetically; students for whom Angel wrote recommendations are Barbara Jean Avent, Peggy C. Caldwell, Debera L. Edwards, Nadia Greenidge, Margaret Adele Faust Hilton, William Jabine, Beverly Ann Jones, Jennifer Kelley, Vivian Klauber, John Massa, Carole Ober, Lise M. Olney, Ellen Paige, Annamarie Louise Rice, Laurel Rippey, Billie Eileen Spector, Sonya Speer, Lynn C. Staffieri [see the reverse of the handwritten recommendation for Carole Ober], Lewis Sternberg, Deborah M. Vrabel, and Nicholas Young).

University of California, Berkeley: 1941-1942 (see the listing of lecture notes, this series).

Roll book of students and grades for three courses (150A, 111, and 153).

Course syllabi for 150A (physical anthropology), 111 (prehistory), 153 (the living races of man), 112 (protohistory ethnography of Europe), 150B (physical anthCourse syllabi for 150A (physical anthropology), 111 (prehistory), 153 (the living races of man), 112 (protohistoric ethnography of ropology), and 152 (fossil man); test questions for three courses.

Examination questions, 1941-1942.

Summer teaching, 1966, anthropology S1 and S153 (includes correspondence from his Smithsonian secretary and Smithsonian anthropologists, class syllabi, examinations, lists of students, and grades).

University of Connecticut: 1977-1978 (materials concern some of the Smithsonian physical anthropologists occasionally teaching at the university).

University of Minnesota: 1942-1943, examination questions for various classes.

University of South Carolina: 1985, colloquium for Anthropology 591Z (health history and culture change).

SERIES 12. LEGAL MATTERS. 1962-1986. 3.5 ft.

Arranged alphabetically by subject.

The bulk of materials in this series are skeletal records on the forensic cases analyzed by Angel, and includes articles by Angel and by other authors; correspondence;

photographs; data sheets; hair samples; drawings of facial reconstructions; newspaper clippings; and x-rays. There are also materials concerning the assassination of John F. Kennedy, the repatriation of the skulls of Captain Jack and other Modoc Indians, and legal matters Angel encountered as chairman of the Division of Physical Anthropology. There is very little material on Angel's personal legal matters and his will is not present.

Angel's interest in forensic anthropology developed only after coming to the Smithsonian in 1962; but he came to be regarded as a leading figure in the field both in the United States and abroad. Angel reported on over 565 forensic cases and testified as an expert witness in 18 murder trials (a list of cases for which he testified is in Angel's Professional Accomplishments Evaluation Committee file in the series on miscellaneous personal papers). Douglas Ubelaker took over the Federal Bureau of Investigation forensic casework in 1979; however, Angel continued to analyze about 25 forensic cases a year.

The skeletal records usually include a carbon of Angel's report and correspondence, but may include photographs, x-rays, autopsy reports, facial reconstructions (usually drawings), and data sheets. The records are arranged by source (state agency or FBI), year, state, location within the state, and case number. Usually, the individual submitting the remains for analysis is not identified and cases generally are not identified by the victim's name. A few cases had enough materials that they were put in their own folder. Angel used the data collected from forensic cases in his studies of human biohistory, so information on forensic cases are spread throughout the collection. Especially note that in the series on other research projects, under time since death, are index cards that contain information on the forensic cases not found elsewhere in the collection. In the series on photographs, there are slides of the forensic cases under several subject categories.

Box 86 (RESTRICTED)

Coon, Carleton Stevens: 1982 (materials are related to Coon's will; includes Angel's list of Coon's books and papers; does not include a copy of the will).

Footprints: 1978 (includes an article by Louise M. Robbins titled "The individuality of human footprints").

Hrdlička, Aleš: 1968-1976 (includes materials concerned with establishing the Ales Hrdlička scholarship and other uses of the Hrdlička Fund, and publication of Hrdlička's manuscript on his travels).

Identification of the living: 1974, 1984 (two cases: the Frank Standorihar case involved the identification of a living, autistic child and includes negatives and hair samples; the other case involved the identification of a fugitive through photographs [only a telephone message, no other information]).

Kennedy, John Fitzgerald: 1977-1978 (materials are related to the United States House of Representatives Select Committee on Assassinations; Angel examined photographs of

E. Howard Hunt and Frank Sturgis for the "three tramps issue," and examined and reported on Kennedy's death wounds).

Laws and guidelines: 1969-1980 (includes guidelines for biological field studies, law enforcement assistance by Smithsonian personnel to federal and local governments, and information regarding a study on the use of scientific and technical evidence and testimony in trials).

Miscellany: 1969-1977 (includes information concerning a stolen check; a letter from Devin J. Doolan, member of the Maryland House of Delegates, thanking Angel for his opposition to an abortion bill; and a request for donations for the legal defense of Kenneth Edelin in his indictment for manslaughter following an abortion).

Repatriation of the skulls of Modocs Kientpuash (Captain Jack), John Schonchin, Boston Charlie, and Black Jim: 1969-1985 (see the series on reference materials under physical anthropology, and the series on the Department of Anthropology, Division of Physical Anthropology).

Reports on ears 1969 (California, San Francisco, Presidio, AFIP 1315354, reference 69-CIDO26-20965); 1971 (AFIP 1375746; AFIP 1788143 and 1047071); 1972 (AFIP 1396608); 1982 (Israel).

Skeletal records consultations by the FBI and non-FBI: 1962-1985 (some of the records are organized by human versus non-human, race, sex, and age; includes a map of the United States that may have been drawn by Angel to show the source of the forensic cases on which he was consulted from 1962 to 1974, the sex of the remains, and whether the remains were identified or not [in the oversize box]). (Dates on folder: 1970-77.)

Skeletal records, facial reconstructions: 1978-1983 (includes photocopies of articles by Angel and photocopies of facial reconstructions [original drawings of some of the reconstructions are under skeletal records, non-FBI and FBI]).

Skeletal records, non-FBI: 1962-Alabama (Baldwin County, sent in by Sandy Dean of Pensacola, Florida); New Britain (Gazelle penninsula, field number 226107).

1963-Maryland (Leonardtwn, sent in by the Baltimore medical examiner's office; Pope's Creek; Worcester County, near Ocean City); Mississippi (Vicksburg, remains from the Union gunboat Cairo sunk during the United States Civil War); New York (Penn Yan); Virginia (Nansemond County, bones excavated by W.A. Halstead for the Archeological Society of Virginia).

1964-Connecticut (Granby); Delaware (Georgetown, sent in by the office of the medical examiner in Wilmington); Maryland (Herring Bay, Fairhaven, sent in by the Baltimore medical examiner's office); North Carolina (near Delco, sent in by Joseph S. Hufham, photographs from this case are in this series under skeletal

records, non-FBI photographs); North Dakota (sent in by the State Historical Society of North Dakota).

1965-Delaware (near Woodland Beach, sent in by the medical examiner); Egypt (USNM 44018); Maryland (Greensboro, Caroline County [includes hair sample]; bank of Potomac River, below Great Falls, close to Difficult Run); Mexico (Mexico City); North Carolina (Swansboro).

1966-Maryland (Miles River on the eastern shore of Chesapeake Bay, skull cap dredged by Robert Haddaway); New York (Belfast, Allegany County).

1967-(two folders) California (Sunset Boulevard, Los Angeles; Los Angeles coroner's file 66-10606, includes photographs of the facial reconstruction [in a separate folder]); Florida (Sarasota, sent in by Albert Miller); Guam (from Frank H. Cushing); Louisiana (Franklinton); Maryland (Chesapeake Beach, Calvert County, found by J. Brady; Hollywood Shores, Patuxent estuary; Breton Bay, Leonardtown); Pennsylvania (Allegheny township, Blair County, #G1-11656); Tennessee (Sequatchie Valley, Bledsoe County).

1968-California (Los Angeles, 68-4); Delaware (Middletown; unknown specimen apparently submitted by Ali Hameli, chief medical examiner of Delaware); Maryland (Wayson's Corner, Upper Marlboro, Prince Georges County; skeleton 68405 sent by the Office of the Chief Medical Examiner, Baltimore); Virginia (Dinwiddie County, registrar's number 278376; Williamsburg, bones loaned to Ivor Noel Hume for a movie project).

1969-District of Columbia (Georgetown Visitation Convent; Potomac River); Maryland (Pokomoke).

1970-(two folders) Delaware (Indian River Inlet, Delaware Shore); District of Columbia (includes newspaper clipping on Angel, photographs, and trial information [in a separate folder]); Florida (Wauchula, Hardee County); Kansas (Fort Riley, case 70-C1D025-21107, submitted by Richard Froede of the Armed Forces Institute of Pathology); Kentucky (near Indian Mound, Bowling Green); Maryland (Cabin John; Crofton, Anne Arundel County).

1971-California (Redding, case 71-2527; airplane crash site, AFIP accession 1378817); Ethiopia (remains from an airplane crash, cases 208-4-71 and 211-4-1); Idaho (Canyon Creek, north of Mountain Home); Indiana (west of Derby Indiana Perry County, case 34-0772; Columbus, case 71-312, includes newspaper clipping and information about the trial); Korea (apparently found in Korea and sent by Richard Froede of the Armed Forces Institute of Pathology); Louisiana (Alexandria); South Carolina (Parris Island).

Box 87 (RESTRICTED)

1972-Unknown (sent by the Department of the Army); Delaware (south bank of the Christiana River above Wilmington, case 72-161); Idaho (Snake River); Illinois (Rock Island area); Indiana (case 11F2438; Hendricks County, case 44F3743); Maryland (Annapolis; route 197 and the Baltimore-Washington Parkway, case S72-187, a facial reconstruction that may be of this case is in this series under skeletal records, miscellany); Mindanao, Philippine Islands (sent by Kenneth MacLeish); New Jersey (east of Garden State Parkway, Galloway Township, Atlantic County, case H207242); Oklahoma (sent by Clyde Snow); Thailand (sent by J. Karl Lee of Bangkok); Virginia (Norfolk, includes x-ray).

1973-Florida (near Crystal River; Orlando, case MEH-729-73; Indian River County, case M-296); Maryland (Lochlea Farm at Tracy's Landing); Missouri (Neosho); Nevada (Las Vegas, case 743-71, includes information about the trial); Pennsylvania (Erie County); South Dakota (Huron); Utah (Fillmore); Virginia (Unknown, from McKee, Naval Ordnance Lab?; Eastern State Hospital; Fluvanna County, case S5-73; Marion; Norfolk Naval Shipyard, Portsmouth, AFIP cases 1433186, 1433187, 1433188, and 1433189; Ocean View home of Herman Hazelwood, case N172-73, includes newspaper clipping; Richmond, sent by medical examiner's office, case S1-73; Stafford County, case 264-73).

1974-(four folders) Delaware (Wilmington cemetery; Wilmington); District of Columbia (brought in by Carolyn Giolito from the office of congressman John Breckenridge of Kentucky); Florida (Orlando, Altamonte Springs, case SH-2-74, includes trial information [in a separate folder]; Red Bug Lake, north of Ocoee, case MEH-959-73); Indiana (Crown Point); Maryland (Bell Air Tollgate landfill, includes newspaper clipping; Easton; Rockville, case RD457603, includes newspaper clippings, photographs, and correspondence [in a separate folder]); Missouri (Fort Leonard Wood, sent by Robert Hertzog of the AFIP, includes facial reconstructions); North Carolina (Chapel Hill); Vietnam (separate folder; papers on the remains of a United States soldier disinterred from a Vietnam cemetery); Virginia (Bowling Green, case USRS-6-73, includes newspaper clipping on Angel regarding the case; Colonial Heights excavation, case S-4-74; Cornwall, Irish Creek, South River; Great Falls area of Fairfax County; Prince William County dump); Washington (Keyport, case A-74-21, AFIP accession 1493176).

1975-Connecticut (Southbury, on the shore of the Housatonic River, case WNH-75-390); Delaware (Indian River, south of Dewey Beach); Florida (Pensacola, near the National Aerospace and Regional Medical Center; Seminole County, case E18727); Maryland (Baltimore-Washington Parkway, case 7560, includes photographs; Campbell's Quarry, Texas [with Baltimore-Washington Parkway case]); Crownsville, Crownsville State Hospital; Sandy Springs-Olney area; skull of a Black [with Baltimore-Washington Parkway case]); New Jersey (Linden, a transparency of Angel's facial reconstruction is in the oversize box); North Carolina (from Martha Graham, case SCBU9#3); Pennsylvania (Allegheny County, case A75-1148; Indian skeleton from Conway Beaver County ?);

Virginia (Albemarle County, a dump at Locus Mountain farm, case S-2-75; Amherst County, from an island in the James River; Fairfax County, Rocky Run Park; Fairfax County, case 52751753; Petersburg, near railroad tracks, case S 3/75; Pulaski; Roanoke, near Wasena Creek).

1976-(three folders) Alabama (Montgomery, case AFOSI 7608 D 424); Arizona (Yuma, case R-1633-76, autopsy number C-12-76); Florida (Citrus County game reserve, case 76-0547; Farm Hill, number 416050; Rural, case 76-9; Shalimar, case AME-76-78-ESC, 426915, includes x-rays, photographs, and a section of the frontal bone [in a separate folder]; Wildwood, case MA-47-76); Idaho (Kootenai County, case 11-76-76, includes trial information); Indiana (Danville, case 1-1980); Italy (Cosa, excavated by Anna McCann); Maryland (Cabin John Creek bridge; Columbia or Ellicott City, case 75-86, OCME 75-2141, includes newspaper articles and photographs [in a separate folder]; Crownsville State Hospital; Patapsco River flood plain); Mississippi (Tupelo, Lee County, case MS-76-1894; Yazoo County, case 76-2501); Montana (Johnes Arensmeyer Ranch, FBI case PC-M4254; St. Regis, case 11-76-76; Unionville, Lewis and Clark County, case MS 3832); Vermont (White River Junction, case A3112); Virginia (Hale's place, east of Smokey Ordinary, case S-2-76; Orange County, Little Zion area; Quantico, near the FBI Academy, case USNH A 76-163; Rushmere, along the James River; Snowden gravesite; Warrenton; Windy Run on the west bank of the Potomac River in a small cave, case CIB 76-178).

1977-Alabama (Marlane cemetery, case 474388); Colorado (Montrose); District of Columbia (sent by C.M. Shane; OCME 77-07-580); Florida (Orlando, Lake Mann, case MEH-43-77; Orlando, from a lake shore, MEH-202-77; Orlando, MEN-599-77; Pensacola, Bronson outlying landing field, AFIP accession 1602434); Indiana (West Lafayette farm, case 14-9838); Japan (Kadena Air Force Base, case 7743 D6-230); Kentucky (Fort Campbell, case 160372); Maryland (Glen Burnie, case 102438); Virginia (Blackey, Buchanan County; Burke Lake; Culpeper, Henry County, case NV 10655; Fairfax County, examination of dentition; Fairfax County, Fox Mill shopping center, case 71698493; Hanover, case S-6-77; Russell County, case W-540-76; York River bank).

Box 88 (RESTRICTED)

1978-(three folders) Arkansas (Faulkner County, case MEA 341-78 California (Monterey); Delaware (Newcastle?, case 78-5, includes trial information, photographs, and a copy of the article on the murder that Angel and Caldwell wrote for the 1984 book by Ted Rathbun and Jane Buikstra [see the series on writings by Angel in a separate folder]); District of Columbia (Anacostia, Potomac River dump); Florida (Belle Glade, case 76-59221BG; Escambia County, case 474388, reference 498058, also an FBI case; Fort Lauderdale, BSO case 78-02-5878; Shalimar, case AME 78-81 ESC, includes trial information, slides, and photographs [in a separate folder]); Maryland (Beltsville, OCME case 78-66; College Park, case 78-33 or 78-812, includes facial reconstruction and

photographs; Hagerstown theatre, case 77-52, autopsy 77-1578; Harper's Ferry, case 78-446; Maddox, Bramleigh, excavation site 18ST238-1); Mississippi (Meridian, case 78-2061); New Hampshire (Marlborough, case C-74-114, a facial reconstruction is in the oversize box); New York (Hauppauge, case 78-0792, includes a facial reconstruction; Shelter Island, case 77-2146); Virginia (Centreville, case 1720, includes a newspaper clipping from 1986; Richmond, Franklin Street, case S-8-78; Roanoke, case W-442-78; Trapp Hill, Clark County; Wise County, case W-385-78).

1979-(three folders) Arkansas (Bowie County in the state of Texas, case MEA-264; Garland County, MEA-526-79); California (Unidentified airplane crash, sent by the AFIP, AFIP case 1718161; Boulder Creek airplane crash, case 79-7083 and A104-79; Los Angeles, case 66-10606 [#62]); Connecticut (Waterbury); Delaware (downstate Delaware construction site, case 79-202); Florida (Belle Glade, case 2976 SR 15; New Port Richey; Shalimar); Maryland (Baltimore, 19th century burial; Baltimore County; Bethlehem Shipyard, Key Highway; Calvert County); Mississippi (McComb, case 79-396; Pascagoula, case 79-2169, includes photographs [in a separate folder]; Scott County, case MS 78-2210; Tishomingo, case 79-1951); Montana (Missoula, case 7610402); New York (case involving Linda Goodman; Fort Hamilton, sent by the AFIP; Poughkeepsie, case A-79-8; Southampton); Ohio (Chillicothe, case OC-86-75, includes newspaper clipping and some of the victim's hair [in a separate folder; in the oversize box is a facial reconstruction drawing]); Oregon (Eugene, case 296-76, includes newspaper clipping; Quartz Creek, case E 12782); Pennsylvania (Avonale, case J2-101993); Virginia (Centreville; Fairfax County and Fairfax City, cases 140-80 and 140-81); Washington (Seattle).

1980-(three folders) District of Columbia (sent by the AFIP, case TSN 8878-67 [X-32]); Florida (Eglin Military Reservation, case 6832, includes trial information; Port St. Joe, Simmons Bayou, case G-8713, includes newspaper clipping); Idaho (Sandpoint); Maryland (Andrew AFB, case 8007D6-159; Crownsville, case 79-73 and Anne Arundel 79-110303, includes newspaper clippings; Potomac River; Prince Georges County, near East Capitol Street, case Unk 80-67 and PGC 80-241-182, includes a facial reconstruction and photographs; Rockville, case Unk 80-25; Rose Haven L-59-12318; Seat Pleasant, case Unk 80-74, includes photographs); Mississippi (Hancock County, case 80-1073; Kosciusko, case 79-2333, includes x-rays [in a separate folder]; Rankin County, case 80-1998; Wiggins, case 80-2800, a facial reconstruction is in the oversize box); Montana (Missoula, case 8002175, a facial reconstruction is in the oversize box); New York (Sayville, case 3893); Oregon (Multnomah County, case 79-1862, an x-ray and a facial reconstruction is in the oversize box); Pennsylvania (Pittsburgh); Tennessee (Memphis); Virginia (Albemarle County, case S-2-80; Alexandria, case 268-80, includes newspaper clippings; Frederick County, case 7628473; Richmond, sent by Robert Hunter; Richmond, skull found at theatre); Washington (Fort Lewis, case A-57-79, includes x-rays [in a separate folder].

1981-(two folders) Alabama (Birmingham, case 81-263, a facial reconstruction is in the oversize box); District of Columbia (Fort Totten, case Jane Doe 21, includes newspaper clippings and a facial reconstruction); Florida (Boca Raton, newspaper clippings); Georgia (Fort Stewart, sent by AFIP, includes photograph); Idaho (Grangeville); Maryland (Baltimore, case 81-1616; Bethesda, 19th century grave, case B130421; Bethesda, Kensington Parkway, case B137733); Minnesota (Hennepin County); Mississippi (Biloxi, case 80-3216, includes a facial reconstruction); Montana (Bridger, case MA-12-81); New York (Hauppauge, cases 80-2874 and 80-3764; Rome, case 9478-81); Ohio (Akron); Oregon (Eugene, case 296-76, includes slides and photographs [in a separate folder]); Virginia (Alexandria, case 150-81, Alexandria case K-07833; Charles City County, from the James River, case S-4-79; Loudoun County, case 16334 PE-139; Shenandoah County, case NV 759-80).

1982-Arkansas (Bentonville, case MEA-202-82; Little Rock, sent by medical examiner's office; Toad Suck Ferry, case 285-82?; Wrightsville, case MEA 209-82); District of Columbia (bones sent by medical examiner's office, case 82-06-552; National Zoo, case 82-03-344, newspaper clipping; River Road, case 82-12-1027, includes newspaper clipping); Florida (Shalimar, case 81-12-0067); Laos (case USN 066-34-9599 and C1LH1 004-82, includes newspaper clippings); Maryland (Fort Washington, case 82-332-321; Prince Georges County, case Unk 82-143 and 82-322-537; Queenstown, case N80-07190); Ohio (Summit County, case 34581, tried in Maryland as criminal case 5028098A, an x-ray is in the oversize box); South Dakota (Fort Thompson archaeological skeletons, numbers PC-N-1703 and PCM-2385[?]); Virginia (Doswell, case 95-82; Goochland County, case S-5-82, includes newspaper clippings, in the oversize box is a facial reconstruction; Lancaster County, case S-2-82; Manassas-Haymarket, case NV-106-82, includes a facial reconstruction in the oversize box; Orange, case NV-244-82).

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1983-(two folders) Arkansas (Clarendon, cases 263-83 and 264-83); District of Columbia (bones sent by Tom Roberson and Pat Day; bones sent by AFIP, cases 1911653, 1911656, and 1911657); Indiana (Delphi, case 83-62-985); Maryland (Baltimore, case Unk 83-2, includes a facial reconstruction; Centreville, on shoreline of the Chester River, case CIR-0-80-01926; Clinton, case 83-918; Frederick, case 82-108, includes a facial reconstruction; Gaithersburg, case G346166; Upper Marlboro, case Unk 83-80 and 83-1901; Wicomico Creek, Charles County); Missouri (Fort Leonard Wood, case 0429-83-CID045-09172, includes trial information and a photograph); New Jersey (West Trenton, case H20824); Ohio (Akron, case 1974-6-83 and FBI 31109041; Bolivar, case 283-OC-2-83, includes newspaper clipping); Pennsylvania (Hartstown, case 275448; North Philadelphia, case 3910-83; Pittsburgh, dump in Washington County, case, includes trial information and photographs); Virginia (Caroline County, case S-2-

83; Falls Church, Interstate 66, case 34-83, includes newspaper clippings, x-rays, and photographs [in a separate folder]).

1984-District of Columbia (FBI pamphlet on the victims of Christopher B. Wilder); Maryland (Brandywine, case Unk 84-68, includes newspaper clipping; Cambodian child, criminal case 32555; Dayton, Kalmia Farms, case IR8430094; Laurel, case 84-295-597, includes photographs and hair sample; Still Pond, case 84-07-0932); Nevada (message from Ronald Clark); New Jersey (Blairstown, case 21-82-9182, NJ police case H20829A); New York (Hauppauge, case 84-1636 and CC84-123488; Monroe, Harriman State Park, case 84-269 and MEO 84-13); Ohio (Akron, case 34581); Pennsylvania (Philadelphia, case Unk 5583-84); Virginia (Goochland County, case S-1-84, includes photocopies of newspaper clippings; Lee County cave; Powatan County, Richmond Hill cemetery, case S-4-84; Richmond, case CME 104530; Stafford County); Washington (Aberdeen, Pacific Beach, sent by Robert Addison).

1985-Arkansas (Cove City, Crawford County, case MEA-541-84, [includes x-rays in the oversize box]; Sebastian County, case CC-85-205); Florida (Iverness; Palm Beach County, case 85-17533 or ME 85-058); Honduras (Trujillo, airplane crash, includes x-rays); Illinois (Joliet); Maryland (Baltimore, C&O Canal, includes newspaper clippings; Baltimore, case Unk 85-13; Baltimore, case Unk 85-67; Glen Burnie, case Unk 85-33; Rockville, case R555895, includes slides and x-ray; Taylor's Island, west of Cambridge, Dorchester County, case Q-65-00748; Woodlawn, Baltimore County, case Unk 85-36); Ohio (Northampton, cases 36981 and 36982); Virginia (Colonial Williamsburg, Green Hill site Block 30-1; Norfolk, Goldblatt, includes negatives); Wyoming (Carbon County).

1986-(two folders) District of Columbia (case 8610880); Maryland (Catonsville, case Unk 86-22; Gaithersburg, case R-337443; Waldorf, Charles County, cases R-57-03916 and Q-820-6299); Montana (Missoula, case 42-508410-85); North Carolina (New River, Holmes Point Hospital, case MES 945 and D0422-85); Pennsylvania (Pittsburgh, identification of fetus, includes x-rays [in a separate folder]); Virginia (Hanover County, case 510-85; Indian Road, Gloucester County, case 107964; Stafford County, case 01-380-86).

Skeletal records, FBI: [the case numbers beginning with PC are FBI laboratory numbers, which are different from FBI file numbers; file numbers are rarely given].

1962-(two folders; photographs from these cases are in this series under skeletal records, FBI photographs); Florida (Oscala); Missouri (Kirksville, Adair County, case 88-23040, includes trial information [in a separate folder]).

1963 (photographs from most of these cases are in this series under skeletal records, FBI photographs); Unknown (Geltes Lee); Arizona (Bowie); Connecticut Florida (Tampa); Idaho (Salmon); Kentucky (Poplar Creek, concerned the remains of John Powers); Louisiana (Franklinton); Maryland (Ocean City);

Mississippi (Laurel); Missouri (Independence); Nevada (Ely, White Pine County; Las Vegas); Pennsylvania (Hanover); South Dakota (Huron); Tennessee (Nashville, see skeletal records, FBI photographs, 1962 under this series); Washington (Mt. Vernon); West Virginia (Fayetteville).

1964 (photographs from some of these cases are in this series under skeletal records, FBI photographs); Arizona (Sandy Point, Lake Mead, Mohave County, [Kingman?]); Arkansas (Texarkana); Colorado (Rocky Mountain National Park); Florida (Hillsborough; St. Petersburg, includes newspaper clippings; island near St. Augustine); Kentucky (Albany); Louisiana-Mississippi (Parker's Landing, includes newspaper clipping); New Mexico (Albuquerque; near Albuquerque, includes drawing showing the location of knife wounds; Albuquerque); New York (Wayland, Steuben County); Ohio (Portage County); Oregon (Medford, Jackson County); Pennsylvania (Lake Wallenpaupack, Wayne County, includes photocopies of newspaper clippings); South Carolina (Bennettsville); South Dakota (Kennebec, Lyman County); West Virginia (Beckley, Greenbrier County; Charleston).

1965-Alaska (Palmer, Matanuska River); Arizona (Dripping Springs, includes newspaper clipping); Arkansas (Ashdown); Florida (Brandon, Hillsborough County; Daytona Beach, east bank of Halifax River; Fort Pierce); Michigan (Ann Arbor; Jackson); Mississippi (Lafayette County, slides and transparencies from this case are in this series under skeletal records, FBI photographs; Saltillo); Montana (St. Regis); New Jersey (Fort Dix); Virgin Islands (St. Thomas).

1966-(three folders) Alaska (Anchorage); Arkansas (Eldorado, Union County, case PC92701); California (San Rafael, Marin County, case PC96306LM); Florida (Gainesville, case PC92666); Illinois (Geneseo, case PC95373IZ; Rockford, case 79-29761?, includes trial information and photographs [in a separate folder]); New Jersey (Belmar, Wall Township); New Mexico (Santa Fe, case PC95485IZGYKZ); New York (Seneca, Ontario County); Pennsylvania (island of the Allegheny River, Warren County, case PC95065IZ); Rhode Island (Newport, case PC94744IZ); Virginia (Dunbar, Wise County); Washington (Spokane); West Virginia (Kingwood, case PC91686, includes correspondence, newspaper clipping, and x-rays for the trial [in a separate folder]); Wisconsin (Chippewa Falls, case PC92621; Janesville, Rock County, case PC95808LM) (14 folders).

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1967-Arizona (see New Mexico); Arkansas (Texarkana, Miller County, case PCA2899); California (Redding, Shasta County); Idaho (Rexburg, Madison County); Louisiana (Alexandria, Rapides Parish, case PC98501); Maryland (Tuxedo, case PCA2811LM); Montana (Kalispell, Flathead County); New Jersey (Jackson Township, case 92-5177Q51; Jefferson Township, Morris County); New Mexico (Manuelito [Navajo Police Department, Window Rock, Arizona], case

PC98946KT); Virginia (Manassas, case PCA317); West Virginia (Charleston and Weirton, case PC99182LM); Wisconsin (Chippewa Falls, Wheaton-Elk Mound dump, case PC98392); Wyoming (Wheatland, Platte County).

1968-(two folders); Alaska (Anchorage, case PCB1249); Arizona (Ehrenberg, Yuma County, case PCB3313); California (Willow Creek, Eureka, Humboldt County, case PCA6420); Florida (Longboat Key, Manatee County, case PCB2560, includes x-rays [in a separate folder]); Georgia (Macon, Bibb County, case PCB3051[Q1], includes photographs); Hawaii (Bellows Air Force Base, case PCB1643); Idaho (Arco, Butte County, case PCB2642); Iowa (Cedar Rapids, case PCA5905); Missouri (Kansas City, case PCA4522, includes information concerning the trial); Montana (Jordan, Kreider ranch, Garfield County, case PCA5779); Nebraska (Falls City); Nevada (Lovelock, Pershing County, case PCA6911); New Mexico (Santa Fe, Siringo Road, case PCB0656); Pennsylvania (Williamsport, case PCA6360); Rhode Island (Newport, Naval Station, case PCA6676); South Carolina (West Columbia, case PCA4303LM); South Dakota (Belvidere, case PC120211); United States Fleet, Yokosuka, Japan Shore Patrol, case PCB3182); Utah (Salina, Acord's Lake, Sevier County, case PCB2784; Salt Lake City, case PCB1749); Washington (Spokane, case PCA5615); Wisconsin (Chippewa Falls, case PCB2050).

1969-(two folders) Arizona (near Kofa, Yuma County, case PCB7114, includes photographs); California (Redding, Shasta County, case PCB5637, includes information concerning the trial and photographs [in a separate folder]); Florida (Miami, Monroe Station, case PCB4571); Idaho (Gooding, case PCB6104); Kansas (Fort Riley, case PCB5968); Maryland (Rockville, Montgomery County, case PCB7492); Missouri (Monroe City, case PCB6096); New Jersey (Camden, case PCB6934, includes photographs); North Dakota (Minot, Ward County, case PCC0024); Oklahoma (McAlester, Pittsburg County, case PCC3356); South Dakota (Pierre, case PCB3945LXMD); Texas (El Paso, case PCB4732, includes photograph of the victim?); Wyoming (Lander, Fremont County, case PCB5964).

1970-(two folders) Alaska; California (Quincy, Plumas County, case PCF0375; Salinas, Monterey County, case PCF0934); Florida (Clearwater, case 4526, includes trial information and photographs [in a separate folder]; Deland, Volusia County, case PCF2545); Idaho (Elmora County); Iowa (Carlisle, case PCF1618); Kentucky (Laurel Hill, Bell County, case PCF0718); Montana (Lame Deer, northern Cheyenne Agency, case PCC5415); Ohio (Aurora Lake, Portage County, case PCC7129A&B); Pennsylvania (Confluence, Somerset County, case PCF1968; Warren, Warren County, case PCF2736); South Dakota (Pierre, case PCF2041; Wakapala, case PCF2653); Washington (Olympia, Thurston County, case PCF1678 and 70-5035-9; Spokane, case PCF2943); Wyoming (Casper, case PCC7177).

1971-(two folders) Florida (St. Johns River, Volusia County, case PCF7061; Volusian County, case PCH0528); Kentucky (Middlesboro, PCF6811, includes x-

rays [in a separate folder]); Mississippi (Wiggins, case PCF5471 and 39577); Missouri (Lebanon, cases PCF4154 and PCF4337, includes newspaper clipping); Montana (Thompson Falls, case PCH2901, includes photocopy of newspaper clipping, see case PCJ2873 in 1972); New Mexico (Truth or Consequences, case PCF6438); Ohio (Lake Rockwell Reservation, Portage County, case PCH3407); Pennsylvania (Brookville, case PCF5892); Virgin Islands (St. Thomas, case PCH2774); Washington (Spokane, case PCH2955); Wyoming (Casper, Waltman Store, case PCF7454, includes newspaper clipping).

1972-Unknown (human jaw, case PCJ1156); Alaska (Nome, case PCH6103; Nome, Moses Point, case PCH6215); Colorado (Canon City, Fremont County, case PCJ0236; Montrose, Montrose County, case PCH5343; San Miguel County, case PCJ3288 and CB72-2590); Florida (Jacksonville, case PCH3879); Idaho (Salmon, PCJ0771); Juarez (skeleton, cases PCJ2138, PCJ2380, and PCJ2305, includes photographs of the possible victim); Kentucky (Louisville, case PCH3772); Louisiana (Alexandria, Rapides Parish, cases PCJ3238 and PCJ3441); Maryland (Baltimore County, case PCH7137); Mississippi (Webster County, case PCH3922); Montana (Thompson Falls, case PCJ2873, see case PCH2901 in 1971); Nevada (River Valley Ranchos, Elko County, case PCJ3401); New Jersey (Rumson, case PCH6005); New Mexico (Dona Ana County, cases PCJ1639KT and PCJ1782KT); South Dakota (Big Stone City, case PCH6660); Tennessee (Memphis, case PCJ2309); Texas (Laredo, case PCH7256); Virgin Islands (St. Croix, case PCJ3083); Washington (Wawawai Canyon, Whitman County, case PCH6367, includes x-rays).

1973-(two folders) Arizona (Phoenix, Maricopa County, case PCK4089); California (San Rafael, Marin County, case PCJ7585); Florida (Tampa, case PCJ6401; Volusia County, case PCJ3930); Georgia (Macon, case PCJ5514, includes trial information and photographs [in a separate folder]); Kentucky (Fort Knox, Pleasant View Cemetery, case PCJ5905); Louisiana (Alexandria, Rapides Parish, case PCJ4590, includes x-rays); Mississippi (Tunica County, case PCJ4268); Nevada (Lovelock, case PCK2892); New York (Bath, case PCK2720, includes newspaper clipping on the trial); Pennsylvania (South Huntingdon Township, Westmoreland County, Pagans Motorcycle Club, case PCJ4320; Union Township, Lebanon County, case PCK2423, Angel's facial reconstructions are in the oversize box); Virginia (Loudoun County, case PCJ7569); Washington (Clallam County, case PCK0890; Colville, Twin Lakes Campground, case PCK1456; Olympia, case PCJ5278); Wyoming (Casper, case PCJ7725).

1974-(three folders) Unidentified (New Jersey?, PCL0339; hairs mounted on slides; might be California case PCL0389); Alaska (Fairbanks, case PCK5656); Arizona (Globe, case PCL4127); California (Mt. Shasta, Siskiyou County, case PCL0821; San Rafael, Mill Valley, case PCL0389); Florida (Bradenton, case PCL2500; Fort Walton Beach, Eglin Air Force Base, case PCK7701; Fort Walton Beach, Eglin Air Force Base, cases PCL1180 and PCL1792[PCK7701], includes photographs [in a separate folder]); Idaho (Coeur d'Alene, case PCK8141,

PCL1279 and PCL2915, includes newspaper clipping, trial information, slides, and photographs [in a separate folder]; Indiana (Michigan City, case PCL1496); Louisiana (Chandeleur Island, case PCK7979; Shreveport, case PCK4901; Shreveport, case PCK6494); Mexico (Matamoros, Tamaulipas via San Antonio, Texas, case PCL3215); Mississippi (Biloxi, case PCK4746; Meadville, case PCL0145; Philadelphia, case PCL2995); Montana (Manhattan, case PCK6047; Manhattan, case PCL1371; Manhattan, Lockhart Ranch, case PCL2060[Q35], includes newspaper clipping; Logan, case PCL1092 and Sheridan, Madison County, case PCL0304); Nebraska (Lincoln, case PCK6440); New Jersey (Cinnaminson, case PCL3453); New Mexico (Deming, Black Mountain, case PCK6520); New York (Angola, case PCK7592; Brooklyn, case PCL2849); Ohio (Stow, case PCL3747); Oregon (Albany, cases PCL1671 and PCL2309); Washington (Newport, case PCL2465; Port Angeles, case PCL3095; Toppenish, Yakima Valley, case PCL3867; Vancouver, case PCL3217Q1&Q2, Angel's facial reconstructions are in the oversize box); West Virginia (Danese, case PCK6823); Wyoming (Douglas, South Cole Creek Field, case PCK6750; Powell, case PCK6786) (15 folders).

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1975-(three folders); California (Yosemite National Park, case PCM1890 or 75-1005; Yosemite National Park, case PCM2907 or 75-3571); Connecticut (Southbury, Lake Zoar or Housatonic River, case PCM2866,Q50); District of Columbia (case PCL5202); Florida (Sebring, case PCM2185); Idaho (Twin Falls, case PCL8095; Twin Falls, case PCM2543); Indiana (Franklin, case PCL6051 or 44F-8861; Lake James, Steuben County, case PCL6052); Maryland (Hyattsville); Mississippi (Gulfport-Bay St. Louis, case PCL5297); Montana (Lame Deer, case PCM1397); New York (Albion, Orleans County, case PCL5569; Vestal, case PCM4073); Oregon (LaPine, case PCL6658); South Carolina (Columbia, case PCL6394); South Dakota (Fort Thompson, case PCM2385; Manderson, Pine Ridge Reservation, case PCM3620); Washington (Everett, Snohomish, case PCM0958 or PCM1730 or 75-37012, includes x-rays; Goldendale, Klickitat County, case 2517 or 75-2610; Nisqually Indian Reservation, case PCM0864; Spokane, Greenwood cemetery, case PCL5277); West Virginia (Harrisville, Ritchie County, case PCM3529, includes photographs [in a separate folder]; Kingwood, case PCL8577 and PCM1404, includes trial information, newspaper clipping, and photographs [in a separate folder]; Pads Fork, Wyoming County, cases PCL5991MC and PCL5346; Parkersburg, Wood County, case PCM1931); Wyoming (Sheridan, Bighorn National Forest, case PCM1703).

1976-(two folders) Unknown (PCM5885); Arkansas (Marianna, White Hall Shoot, case PCM10590); California (Independence, case PCM5823; Yosemite National Park, case PCM10038 or NPS 76-2640); Guam (Tumon Bay, case PCM9504); Idaho (Idaho Falls, Snake River, case PCN0182, includes facial reconstructions in the oversize box); Indiana (Crown Point; Peru, case PCM8257; Terre Haute and Monrovia, case PCM6325); Kansas (Leavenworth, case

PCM9893); Louisiana (Amite, Tangipahoa Parish, case PCM9532, includes photographs and x-rays [in a separate folder]; Marrero, Gretna, PCM5636; Pecan Island, New Iberia, Vermilion Parish, case PCM10631); Massachusetts (Methuen, case PCM5333); Mississippi (Hancock, case PCM8642 or 76-1521; Hattiesburg, case PCM10345); Montana (Marion, case PCN0994; Missoula, case PCM3726 and PCM4254?; Stevensville, case PCN0569); Nevada (Yerington, case PCM10070); New York (Hornellsville, case PCN0468); Tennessee (Camden, case PCM10580; Knoxville, Great Smoky Mountain National Park, case PCM8022Q103); Virginia (Woodstock, case PCN1315); Washington (Ione, Pend Oreille County, case PCM8132 or 76-001231; Newport, Pen Oreille County, case PCM9413).

1977-Unknown (case PCN4670); Alabama (Tuscaloosa, PCN1512?, see Unknown PCN4670); Alaska (Anchorage, case PCN4822 or 176-6812); Arizona (Yuma County, case PCN3614; Yuma County, Quartz site, case 80713024); Arkansas (Pine Bluff, case PCN7508A&B); Florida (Titusville, case PCN4068Q5); Indiana (Michigan City, case PCN5176); Iowa (Davenport, case 71120012; Sloan and Sioux City, case 71108066); Louisiana (Metairie, case 71018005); Maryland (Cumberland, case PCN2176); Minnesota (Anoka, case PCN4200Q18); Missouri (Leonard Wood, case PCN2390; St. Louis, case PCN1512?, see Unknown PCN4670); Montana (Fort Benton, case 71116056; Superior, Mineral County, cases PCN3644 and PCN3746); North Dakota (Williston, Lake Sakakawea, case PCN7631); Ohio (Tiffin, case PCN6508Q4-Q6); South Carolina (Greenville, case PCN3222); South Dakota (Fort Thompson, case PCN1703; Reliance, case PCN1794; Sisseton, case PCN7375); Texas (Beaumont, case 71206105; Winkler County, case 71129042); Washington (Colville, case 71006053; Fort Simcoe, Yakima Indian Reservation, case PCN6255; Ozette area, Olympic National Park, case PCN4632 or 770440, 77-15; Shelton, Lake Cushman, case 71013039; Spokane, case PCN6894).

1979-Unknown (case 91113073); Montana (Butte, case 91107002, includes facial reconstruction); Washington (Seattle, case 176980).

1980-FBI skeletal records.

1984-New Jersey (Bergen County, case 02-81-9079).

1986-Florida, Titusville (case 60108058-S MAU).

Skeletal records, miscellany: Maryland, Deep Creek cemetery archeological site (18AN341); Anne Arundel County, 1975; Maryland, Laurel, 1972 (facial reconstruction of a young female, sent from the Office of the

Chief Medical Examiner, Baltimore; might be the 1972 Maryland case S72-187); Mengele, 1985 (a note concerning photograph comparisons); New Jersey, unidentified murder victim, "Princess Doe," 1983.

Recognition of Angel's work in forensic identification, 1966-1984 (includes letters of appreciation from J. Edgar Hoover, Clarence M. Kelley, and William H. Webster, Directors of the Federal Bureau of Investigation; a photocopy of a certificate by the United States Dental School for Angel's contribution to their lecture series; a short outline of Angel's forensic work; and a newspaper article on Angel).

Steiner, Stephen Leander Steiner, n.d. (apparently in regards to an unidentified case); Sturtz, Roseanne, n.d. (prints of x-rays of the clavicles; in the oversize box).

Skeletal records, identifications for the Army and Navy (four folders):

1968-1986-(includes data sheets; under 1984 is a rough draft of Robert McMeekin's paper on determining time since death from skeletal material; under 1985 is Angel's comments on the identification procedures in the United States Army Central Identification Laboratory in Hawaii; and in the oversize box is a drawing and paper construction [identified as "Harper fragment"] of a frontal bone fragment from an unidentified case).

1972-Victims of a C-47 airplane crash in New Guinea in 1944 (includes correspondence, a rough draft of a paper on the identification of the dead, data sheets, and negatives of the skeletal remains); Marines buried on Guadalcanal, Solomon Islands in 1942 (includes data sheets, negatives of the skeletal remains, and newspaper clippings).

Victims from a 1968 Navy jet crash in Vietnam (includes data sheets and negatives of the remains) (21 folders).

Box 92 (RESTRICTED)

Skeletal records, photographs, non-FBI:

1963-Virgin Islands (20 February, sent in by the Department of the Interior).

1964-North Carolina (Delco, 27 January).

Skeletal records, photographs, FBI:

1962-California, Placer County, 30 November; Florida, Oscala, 28 December; Missouri, Kirksville, Adair County, case 88-23040; New Mexico, 29 November; Tennessee, Nashville, 31 December.

1963-Unknown (Geltes Lee, 16 May; burned cow bone, September); Arizona (Bowie, 5 December); Connecticut (26 December); Florida (Tampa, 15 October);

Idaho (Salmon, 15 September); Kentucky, (Poplar Creek, 15 February; John Powers; 2 folders); Louisiana

(Franklinton, 1 arch); Maryland (Leonardtown, 19 November; 19 November, skull B); Mississippi (Laurel, 23 May); Missouri (Independence, 11 July); Nevada (Ely, White Pine County, 30 November; Las Vegas, May [the original envelope has "Las Vegas, N.M."]); Pope's Creek (1 February); South Dakota (Huron, 28 February, skulls A and B); Washington (Mount Vernon, 17 May); West Virginia, Fayetteville, 17 June.

1964-Arizona (Kingman, 14 January); Arkansas (Harrisburg, 3 January; Texarkana, 5 May); Florida (Hillsborough County, 4 May; St. Petersburg, 7 May, skeleton of Louis Hack Wilson); South Carolina (Bennettsville, 10 March).

1965-Mississippi (Lafayette County, 5 January, slides and transparencies of x-rays).

Testimony on adolescent age change: ca. 1984? (photocopies of articles apparently for use in an unidentified trial).

Trials in which Angel testified: 1966, 1968, 1969 (see Angel's PAEC file in the series on miscellaneous personal papers).

SERIES 13. REFERENCE MATERIALS. 1930-1986. 8 ft.

Arranged into subseries of Mediterranean, miscellany, and physical anthropology, and alphabetically thereunder.

This series contains information which Angel used for his research projects. It includes drawings, x-rays, articles by Angel and by other authors, progress reports, correspondence, data sheets, lists of skeletal remains from various sites, slides and photographs, newspaper and magazine clippings, notes and data on various sites, and bibliographic references.

Of special interest are the skeletal records which include data sheets on some of the forensic cases submitted to Angel for analysis. There is correspondence by Ale4s Hrdli4cka in the accession papers under Mediterranean, Greece, Cheliotomylos; materials on the exhumation of James Smithson and the examination of his skeletal remains by Angel; anthropometric measurements on Angel, members of his wife's family, and members of the Department of Anthropology, National Museum of Natural History; a typescript of a conversation between Angel and Peggy Caldwell on how various occupations are reflected in the bone; and a facial reconstruction of a massacre victim from Colonial Williamsburg.

The materials in many of these folders consist of reprints or photocopies of articles by other researchers. The titles in quotation marks are Angel's titles for the folders.

Box 93

Mediterranean:

Artifacts, n.d. (drawings of female figurines).

Çatal Hüyük, 1965-1979 (includes x-rays of skeletal remains).

Cypriote bones, n.d. (index cards with information on skeletal remains).

Dental pathology, 1957-1960 (includes abstracts of three papers by Angel and a *Science service* article on him; there are a few pages on the Terry collection).

Egypt, 1969, 1979.

Episkopi, 1949, 1967 (includes correspondence and data sheets).

Gordion, 1977 (includes letters to Angel, letters from Muzaffer Senyurek to other people, and negatives).

Greece-analyses of data collected from skeletal remains, n.d. (these data were probably used by Angel for his Ph.D. dissertation; see the series on research in the eastern Mediterranean).

Cheliotomylos, 1930-1932 (photocopies of accession papers, including Hrdlička correspondence).

Corinth, north cemetery, skeletons studied 1937-1939.

Data, 1949-1954 (includes life expectancy information).

Demography of ancient Greece 1954-1974 (includes a letter from Mortimer Spiegelman, an article by W.W. Howells on estimating population numbers, three articles by Angel, and two progress reports by Angel on his study of the anthropology of chronic disease).

Drawings of skull "types," n.d. (apparently intended for an unspecified publication).

Early populations of Greece and Anatolia, 1965 (includes two articles by Angel and his report on his 1965 trip to Greece and Turkey).

Eleusis, n.d. (includes drawings showing skull shape); facial variation (2 folders), Middle Bronze to Hellenistic, n.d. (postcards).

Box 94

Field lists of skeletal material, 1935-1958 (includes lists of material from Agora, Corinth, Mycenae, Argos, Lerna, Eleusis, Pylos, and Kerameikos; and a clipping from a Greek newspaper).

Hagios Stephanos, 1959-1977 (information on burials).

Health and Greek civilization, n.d. (includes four of Angel's publications).

Kea, 1965-1979 (includes slides).

Kea, Kephala, 1965-1977 (2 folders; includes a handwritten draft of Angel's article on the Kephala skeletal remains, a copy of an article by John Coleman, and photographs).

Lerna, 1957.

Maps of the Aegean Sea region during various time periods, n.d.

Mass burials, 1954 (includes Athenian Agora, Hellenistic infants, and Turkish and Roman adults).

Miscellany, 1967 (includes clippings from Greek newspapers and notes on Corinth, Lerna, Hagios Stephanos, and 2Catal Hhyhk).

Nea Nikomedeia, 1965-1968 (includes a letter from Angel to Denise Ferembach, some data from Karatas, and photographs).

Paleolithic, 1965 and 1975 (includes data from Peneios Valley, Tsouka cave, and the Petralona skull).

Skeletal change in ancient Greece, 1954-1955 (includes three of Angel's articles and a *Science service* article on Angel).

Skeletal data and statistical analyses, 1949, 1957-1959 (2 folders; includes data on body build, posture, skulls, and teeth).

Box 95-96

Index cards, basic data, chronology, and bibliography, n.d. Kea, 1965-1979 (includes slides).

Box 97

Skull data, 1941 (includes index cards with information on the various skull "types").

Herculaneum data from Sara C. Biesel, 1982 (includes portrait of Biesel).

Hotu, 1951-1953 (2 folders; includes a letter from Angel to Hallan Movius; articles by Angel on the Hotu remains; newspaper, *Science service*, and *Life* magazine articles on the Hotu findings; photographs; and bite wing x-rays); Hotu, x-rays of skull 2, n.d.

Italy, 1975, 1981 (materials are concerned with the examination of skeletal material from Cosa; includes correspondence).

Karaburun and Kizilbel, 1972 (includes negatives).

Maps, n.d. (maps of Greece during different time periods showing the locations where skeletal remains were recovered).

Measurements on living Greeks and Turks, n.d.

Measurements on skeletal remains, n.d. (arranged Neolithic, Copper, Early Bronze, Middle Bronze, Bronze, Early Iron Age, and Classic).

Miscellany, n.d.

Near East, Archaeology, 1951; data (cranial means?), n.d. (data from various time periods) (2 folders).

Box 98

Notes on sites, 1965-1979 (includes notes on Franchthi cave, Mycenae, Athens Agora, Kea, Corinth, Karatas, Volos, Sparta, Nea Ankhialos Argos, and Hagios Stephanos).

"Old data for book," 1971-1978 (out of date data for an unidentified publication).

Qumran cemetery excavation, 1967 (includes photographs and reports by Solomon H. Steckoll, and N. Haas and H. Nathan).

Skeletal data, n.d. (tabulated osteometric, demographic, and pathological data; in the map drawer).

Transition from hunting to farming, 1964-1976 (includes three articles by Angel).

Trojan symposium, 1986 (includes photographs of crania; no information on the symposium).

Turks, 1967-1977 (information on living people; includes data sheets and negatives).

Miscellany:

Answers to inquiries, 1963-1977 (includes correspondence, and bibliographic references and other materials used by Angel to answer inquiries).

Cast of an Upper Paleolithic skull from Dordogne, France, 1980 (includes negatives).

Colonial archaeology, 1973-1976 (includes correspondence with Richard E. Ahlborn, Ivor Noel Hume, and R. Pennington Smith).

Dissections, 1963-1985 (of chimpanzees?; see the series on photographs).

Epidemics among American Indians (?), n.d.

Box 99

Index cards: miscellaneous bibliography, n.d.-race/living world populations; skeleton/skull.

Box 100

"Current research projects and papers," n.d. (includes index cards with anthropometric[?] information about several people [includes one on Angel]; notes on the temporomandibular joint; notes on obesity, hypertension, varicose, and hyperthyroidism; under the divider "For Students" are cards with measurements and observations on skulls under such dividers as "Skulls on loan," "Skulls in reserve, known origin," "Skulls in reserve, unknown origin," and "Skulls too delicate for students" [apparently for a class at the Daniel Baugh Institute]; ideas for research; current popular articles, including notes on health and civilization, isolation versus mixture, anatomy and modern women, and notes for a discussion on human evolution with Carleton Coon; bibliographic notes for human biology; "Clinical research papers"; and bibliographic entries of a general physical anthropological nature.)

Box 101

Index cards (2 folders):

Ancient Greek health (includes osteometric and demographic data, and bibliographic references).

Bibliographic references, n.d. (eight envelopes; the cards are sorted into the envelopes to maintain the way Angel separated the references).

Disease and culture in the ancient East Mediterranean, n.d. (bibliographic references).

Genetics, n.d.

Health and civilization, 1954-1967 (osteometric and demographic data).

Health and society, ancient Greece, n.d. (bibliographic references).

Health versus disease, hunting to farming, n.d. (bibliographic references).

Infant and fetus data cards, 1961 and 1971 (the 1961 cards are arranged by race and age; 1971 cards are arranged by race and sex).

Lerna, n.d. (skeletal remains and where found [?]).

Middle Paleolithic Near East, 1979 (these notes may have been taken at a professional meeting).

Notes, 1980, 1981 (notes on the remains of a Han Dynasty lady, Fuegian clothing, Pueblo weaving, and health in the United States).

Palaeopathology, n.d. (bibliographic references).

Radiography hazards, n.d. (notes).

Scientific american bibliographic references, n.d.

Skhul, n.d. (descriptions of skeletal remains).

Tranquillity, n.d. (bibliographic references, apparently not for Angel's publication on this site).

Wadi Or, n.d. (bibliographic references).

Magazine clippings (most of the clippings are from the *Illustrated London news* and none of the articles are by Angel; in the oversize box). Anatolia, 1953-1964; archaeology and anthropology, 1951-1977; Argolid (Mycenae, Argos, Lerna), 1954-1957; Athens, Corinth, and North Nea Nikomedeia, 1954-1964; Physical anthropology, 1954-1965.

Maps, n.d (includes maps of Europe and Asia showing the sites of Paleolithic remains in Asia; one map of the world is in the map drawer and has South America colored in different colors and numbers placed at various locations in Africa [for an unknown purpose]).

Munsell skin color charts, n.d.

Reference books in physical anthropology, 1962.

Skinfold test to determine obesity, 1962.

Smithson, James, 1973-1974 (includes James Goode's report on the exhumation and reinterment of Smithson's coffin, Angel's report on Smithson's bones, and a facial reconstruction drawing [the original is in the map drawer]; more data on Smithson in this series is under physical anthropology, data sheets, colonial and post-colonial skeletons; see the series on photographs under eight-drawer slide boxes, gross anatomy).

Statistical significance tests, tables, n.d.

Physical anthropology:

Afghanistan (also see the publications by Debetz and by Vesely et al. in the series of writings by other authors).

Data from John C. Bear, 1967 (includes data sheets on the Aq Kupruk skulls, drafts of descriptions of the skulls, correspondence with Bear, photographs, sketches of the sites, and measurements and observations of post-cranial bones).

Aq Kupruk IV, 1968, 1970 (includes data sheets with measurements by John C. Bear [1968] and by Angel [1970], Joy B. Kolb's manuscript on the skeletal remains, and negatives).

Photographs of Aq Kupruk IV skulls, n.d.

Box 102

"Data for tables, ideas, references for research projects," n.d. (includes notes, bibliographic references, and tabulated data organized under these headings: Palaeopathology, Greek teeth, Hotu, St. Brelade, Cyprus skeletons, Cyprus living, United States skeletons, Paleoindians [Tranquillity], demography, Virchow, Greulich, kings and commoners [includes Greek data, notes for a Cold Springs Harbor paper, and notes on health and the rise of civilization], anthropology as a career, and reaction area of the femoral neck and hip).

Box 103

Angel's basic data, 1970-1983, most undated (includes skeletal data on various peoples, cultures, and time periods).

Arthritis, ca. 1978 (includes photographs; most of the material is on Mediterranean populations).

Average age at death, 1970.

Blood typing of bone, 1953-1954.

Classifications of early hominids and mammals, 1964-1981 (includes letters from Angel).

Colonial to modern, human biological change, 1973-1976 (includes White and Black skeletons, FBI data, data from living, a list of photograph subjects, and a bibliography).

Criteria to use in identification of skeletal remains, n.d. (age, sex, stature, and disease).

Data sheets:

American Indians, 1962-1984 (most of these are forensic cases).

Anthropometric measurements and observations on Greeks, 1932.

Anthropometric measurements and observations on Angel and his wife's family members, 1939-1941 (includes measurements on a student, Sarah Anderson).

Early Colonial, United States, 1607-1650.

Whites, skeletons, 1976-1980.

Whites, skulls, 1976-1982.

Colonial, United States (some of these are forensic cases).

Blacks, skeletons 1970-1986.

Blacks, skulls 1970-1986.

Box 104

Bibliography, n.d. (bibliographic citations arranged by subject: evolution, genetics, race, fossil man, demography, disease, and others).

Box 105

Data Sheets (continued from Box 103):

Whites, skeletons 1964-1985.

Whites, skulls 1964-1985.

Colonial and post-colonial skeletons, 1972-1981 (some of these are forensic cases; includes data on the skeleton of James Smithson; more data on Smithson is in this series under miscellany).

Forensic cases, 1971, 1978-1986 (includes notes on the cases and slides of FBI case 21221006).

Mid-19th century to early 20th century, 1983-1985 (these are all forensic cases).

Modern, United States (most, if not all, of these are forensic cases).

Juveniles, skeletons, 1962-1983.

Juveniles, skulls, 1963-1984.

Children, skeletons, 1964-1984.

Blacks, skeletons, 1962-1986.

Blacks, skulls, 1962-1986.

Whites, skeletons, 1962-1985 (some of these are from the Terry collection).

Box 106

Whites, skulls, 1962-1986 (some of these are from the Terry collection).

Other groups, 1971-1984 (includes specimens from South Korea, Guam [including negatives], and South Vietnam [forensic case from Orange, Florida]; some of these are forensic cases).

Upper Patuxent Archeological Group, 1980 (Ellicott City, Maryland, United Presbyterian Church; includes negatives of the skulls).

Virgin Islands, 1965-1974 (includes negatives and correspondence; some of the specimens are forensic cases).

Miscellaneous cranial measurements, 1936 and 1963 (includes specimens from Australia, New Guinea, Fiji, China, Aleutian Islands, Siberia, Japan, Mongolia, Andaman Islands, Africa, and western China).

Fertility, 1984-1985.

Fetal measurements, 1959 (includes cards with individuals' measurements).

Fractures and pathology, 1969-1977 (includes an abstract and a news release on Angel's findings).

Growth and size standards, 1957-1981 (includes photocopies of articles and correspondence).

Human biological changes, United States, 1975-1984 (analyses of the collected skeletal data).

"Identification data on age change and growth, sex differences, and race and genetic differences in the skeleton," 1966-1980.

Box 107

Individual types, 1950.

Infant bones, n.d. (several pages of data).

Iron Gates, ca. 1982 (archaeological sites in Yugoslavia).

Lead poisoning, 1965-1972 (consists of reprints and photocopies of publications, and correspondence concerning lead poisoning [does not include any letters from Angel]).

Mississippi, 1971-1974 (information on specimens from Prentice Bar and Friars Point; includes negatives).

Modoc Indians, 1974 (information on the remains of Captain Jack, John Schonchin, Boston Charlie, and Black Jim; includes data sheets, negatives, and an anthropometric data sheet on Donald Schonchin; see the series on legal matters for more information about the disposition of these skeletal remains and the series on the Department of Anthropology, Division of Physical Anthropology).

Nutrition, 1980-1985 (2 folders; includes correspondence and references).

Occupation, 1979-1983 (includes materials on the relationship between occupation and skeletal pathology, the typescript of a taped conversation between

Angel and Peggy C. Caldwell on occupation as reflected in bone, and a photograph showing the effect of writing with a quill pen).

Osteometric formulae and embalming and staining techniques, 1969-1971.

Paleopathology, 1980.

"Pedigrees," n.d. (a case of polydactyly, includes negatives).

Records on living, 1962-1968 (includes anthropometric data taken on Department of Anthropology staff at the National Museum of Natural History).

Selkirk Shores, 1983-1984 (includes data sheets and Angel's report on the skeletons).

Sex differences in the skeleton, 1971-1983.

Box 108

Skeletal data

American Blacks, 1976 (some of the data are from forensic cases).

Colonial, Chatham County, Georgia, 1978-1982 (data collected from Irene Mound in Savannah).

Colonial, New England, Plimoth Plantation, Newport, Rhode Island, 1979 (includes correspondence, Angel's report on the two skeletons he examined from the Quaker Meeting House site, and the archaeologist's report).

Colonial Virginians, 1976-1979 (includes correspondence; articles by Angel on skeletal remains from Carter's Grove and Stratford; Douglas Ubelaker's article on the remains from site PG3; and data from Irene mound in Savannah, Georgia).

Colonial Williamsburg, 1976-1982 (includes articles by Angel, letters to Ivor Noel Hume, an article by David C. Fredenburg on Carter's Grove, and a partial site map showing the burials; see the series on other research projects).

Facial reconstruction of massacre victim from Colonial Williamsburg, 1978 and 1981.

Miscellany, 1960, 1973 (includes skeletal data on Whites and on remains from the Hughes site in Poolesville, Maryland).

Modern, Whites, United States, 1962-1982 (includes information collected from forensic cases).

Terry collection, n.d. (a tabulation of the material by skeleton number, race, sex, age, and diseases or cause of death; see the series on other research projects and the series on the Department of Anthropology, Division of Physical Anthropology).

Terry collection tooth studies, ca. 1972? (includes a paper by Lewis E. Sternberg in which he grouped the collection by age, sex, and race).

Skull vault volume and weight, n.d. (graphs of Black and White males and females; in the map drawer).

Temporomandibular joint analyses, n.d.

Time since death, 1977-1980 (much of this material is from the 1978 annual meeting of the American Academy of Forensic Sciences; see the series on other research projects).

Trephination, 1981, most undated (includes correspondence, a photocopy of an article, and information on trephined skulls in the Department of Anthropology, National Museum of Natural History).

United States population change, 1976-1983 (includes correspondence).

SERIES 14. WRITINGS OF J. LAWRENCE ANGEL. 1932-1988. 7.5 ft.

Arranged chronologically. Undated materials are placed before dated papers.

This series includes published and unpublished articles, handwritten drafts, early and final drafts for many of the publications, galleys, reprints, carbons, photocopies, talks on radio and television and to high schools and colleges, comments on Angel's papers by other researchers, book reviews, poems, essays, research proposals, papers presented at meetings of professional organizations, data used in writing the articles, and Angel's unpublished A.B. thesis and Ph.D. dissertation. There is correspondence with collaborators and publishers, and many of the reviews have correspondence between Angel and the editor of the volume in which the article appeared. Not included in this series are Angel's reviews of articles submitted to various journals for publication. Those papers are maintained with the papers on professional organizations.

Most of Angel's writings are present in this series. His publications focus primarily on the physical anthropology of peoples in the Near East, paleodemography, obesity,

functional anatomy, and forensic anthropology. Some writings have enough associated materials that they were placed in separate folders.

Of special interest are the materials on *Health and the growth of civilization*, which Angel was working on at the time of his death. This unpublished book was intended to be Angel's magnum opus, a compilation of his life's work and the knowledge he had accumulated for over fifty years.

Some of Angel's writings are in other series, especially the series on his research. Whenever one of Angel's writings appears in another series, it is so noted in the contents list. Titles in quotation marks usually reflect the published title of the article, which was not necessarily the title on the manuscript itself.

Box 109

Undated- "Anthropology and chronic disease" (unpublished?)

"The anthropology of chronic disease in relation to social efficiency" (research proposal).

"Bony effects of vanity or spinal pain: Eighteenth century stays versus later corsets" (with Jennifer Olsen Kelley and Gretchen Schneider).

"Caucasus study" (unpublished?).

"Constitutional obesity" (unpublished?; not the 1946 abstract).

"Diet, health, and society" Essays (probably by Angel; some handwritten, most are typed; includes an undated, two page essay "Speculations on race"; in a separate folder).

"Fact summary of material on ancient Greek dentition" (unpublished?).

"Human variation and the concept of the biological normal" (unpublished?).

"Minority groups, ancient and modern" (unpublished?).

"People are national energy" (unpublished; see the 1946 article "What is national energy?").

"Physical anthropology's forensic application" (abstract).

"Proposed plan for D.B.I. [Daniel Baugh Institute] anthropological laboratory" (for the study of chronic disease; see the series on the anthropology of chronic disease).

Social biology articles (in a separate folder).

"Appendix to *Social biology*" (unpublished?).

"Civilization and skeletal change" (unpublished?).

"Ethnic mixture and social biology" (unpublished?).

"Ethnic mixture from the standpoint of social biology" (unpublished?).

"Minority groups: Ancient and modern views" (unpublished?).

"Mixture, flexibility, and culture growth" (unpublished; staff conference and luncheon, Daniel Baugh Institute; short version; see article under the year 1950).

"Mixture, flexibility, and culture growth" (unpublished; long version; see article under the year 1950).

Social biology of the ancient Greeks (unpublished?; includes manuscript (first three pages missing), tables, and charts; in a separate folder).

"Some problems with the history of health in ancient Greece" (unpublished?).

Review of *Human evolution: An introduction to man's adaptations* by Bernard G. Campbell (unpublished?).

Tables from unidentified writings 1932-1937.

Misc. pictures, maps, charts; essays (undated); poems (probably by Angel; most undated; includes handwritten drafts of some of the poems; in a separate folder). (4 folders)

1936:

"The glenoid surface of the temporal bone with special reference to its racial significance" (unpublished A.B. thesis; the data sheets for this research is in the series on miscellaneous personal papers).

1938:

"National Museum skeletons: Kerameikos, classical" (unpublished).

"National Museum skeletons: Late Helladic" (unpublished).

"Skulls in the Istanbul Museum" (unpublished).

"Skulls in Thebes Museum" (unpublished).

1939:

"The Babakoy skeleton."

"An eighth century skeleton from Eleusis" (unpublished).

"Geometric Athenians." In *Late geometric graves and a seventh century well in the Agora* by R.S. Young.

"Study under the auspices of the Department of Anthropology, Classical Department, and American School."

"Summary sketch of anthropological work in Greece" (unpublished paper for the Harvard Classical Department).

1941:

"Physical types of ancient Corinth" (abstract of paper presented at the 1940 meeting of the Archaeological Institute of America).

"Why the democratic ideal will survive in Greece" (radio talk).

1942:

"Effect of teeth wear on total face height in White crania" (unpublished).

"Three auricular heights" (unpublished).

Box 110

"Classical Olynthians." In *Excavations at Olynthus. XI. Necrolynthia, a study in Greek burial customs and anthropology* by D.M. Robinson (in a separate folder).

"A preliminary study of the relations of race to culture based on ancient Greek skeletal material" (three folders; unpublished Ph.D. dissertation, Harvard University, Cambridge).

1943:

"Ancient Cephallenians. The population of a Mediterranean island."

"Treatment of archeological skulls."

1944:

"Greek teeth: Ancient and modern."

"Investigation of the temporomandibular joint" (paper presented at the May 5 meeting of the American Association of Anatomists).

"A racial analysis of the ancient Greeks: An essay on the use of morphological types" (in a separate folder).

"A racial and functional investigation of the temporomandibular joint" (abstract).

Box 111

1945:

"Anthropology of Poland: Prehistory and race." In *Poland* edited by B.E. Schmitt.

"Constitutional type and varicose veins" (with F. Wagner; abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists).

"Neolithic ancestors of the Greeks."

"Race and ethnos in ancient Greek culture growth" (abstract of paper presented at the annual meeting of the American Anthropological Association; unpublished).

"Race mixture and cultural change" (abstract).

Review of "The effects of Spanish slavery on the Indians of the intermountain West" by C. Malouf and A.A. Malouf (ca. 1945; unpublished?).

Review of *Racial prehistory in the southwest and the Hawikuh Zunis* by Carl C. Seltzer.

"Skeletal material from Attica" (three folders).

1946:

"Constitutional obesity" (abstract).

"Race, type, and ethnic group in ancient Greece."

"Skeletal change in ancient Greece."

"Social biology of Greek culture growth" (in a separate folder).

"Some interrelationships of classical archaeology with anthropology."

"What is national energy?" (unpublished).

Review of *The genesis of human offspring: A study in early Greek culture* by Agnes Carr Vaughan.

Review of "Glass and paper: An historical study of acculturation" by Margaret T. Hodgen (unpublished?).

Review of "Reaction to death among the Mescalero Apache" by M.E. Opler (ca. 1946; unpublished?).

Review of "Archaeology and anthropology" by V. Gordon Childe (ca. 1946; unpublished?).

Review of "Culture-environment integration: External references in Yokuts life" by A.H. Gayton (ca. 1946; unpublished?).

Review of "Sex differences in cephalic index during growth" by W.D. Wallis and R.S. Wallis (ca. 1946; unpublished?).

Review of "A preliminary attempt to determine the culture areas of Asia" by Elizabeth Bacon (ca. 1946; unpublished?).

1947:

"An anthropologist considers the Greeks."

"Cranial changes in hybrid dogs" (abstract).

"Did the Greeks change?" (unpublished; includes raw data, and a color-coded cephalic index map of the Aegean; this article may have been rewritten in 1952 as "Anthropological change among the Greeks: Propaganda versus facts").

"The Greek people: Human biology" (commissioned for the United Nations series).

"Health and society in Greece" (abstract of paper presented at the annual meeting of the Archaeological Institute of America).

"Increase in length of life in ancient Greece" (abstract).

"The length of life in ancient Greece." (2 copies)

"What type next?"

Review of *Evolution and ethics* by Sir Arthur Keith.

Review of "Current problems in Japanese prehistory" by B.S. Kraus (ca. 1947; unpublished?).

Review of "The meaning of history in anthropology as exemplified by Near Eastern culture materials" by B.J. Siegel (ca. 1947; unpublished?).

Review of "The use of genetically determined characters, especially serological factors such as Rh, in physical anthropology" by W.C. Boyd (ca. 1947; unpublished?).

Review of "American culture history in the light of South America" by J.H. Steward (ca. 1947; unpublished?).

Review of "Footwear of the Australian aborigines: Environmental vs. cultural determination" by D.S. Davidson (ca. 1947; unpublished?).

Review of "Technological development and personal incentive in Japan" by F.S. Hulse (ca. 1947; unpublished?).

Review of "Evolutionary stages, progress, and the evaluation of cultures" by L.S. White (ca. 1947; unpublished?).

Review of "Islam and clan organization among the Hausa" by J.H. Greenberg (ca. 1947; unpublished?).

Review of "Review of Soviet Archaeology, 1919-1945, in historic perspective" by H. Field and Kathleen Price (ca. 1947; unpublished?).

Review of "Mohave warfare" by K.M. Stewart (ca. 1947; unpublished?).

Review of "Dege: A study of Tibetan population" by Li An-Che (ca. 1947; unpublished?).

Box 112

1948:

"Factors in temporomandibular joint form" (in a separate folder).

"Health and the course of civilization as seen in ancient Greece."

"Los griegos desde el punto de vista del antropologo."

"A Macedonian refuge area and stability of type" (abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists).

"Physical anthropology in 1947: Time of transition."

1949:

"Constitution in female obesity."

"The first Cypriotes" (abstract of paper presented at the annual meeting of the Archaeological Institute of America).

"Physical anthropology in Cyprus" (unpublished?).

1950:

"Civilization and skeletal change" (abstract).

"Cooperation between one physical anthropologist and other groups" (paper given at Viking Fund seminar [?]).

"Mixture, flexibility, and culture growth" (paper presented at the meeting of the American Association for the Advancement of Science [?]).

"Photography in field work."

"Skeletons."

Staff conferences and luncheons, 3 November and 1 December, Daniel Baugh Institute of Anatomy, (concerns the study of anthropology and chronic disease).

"Teeth in neolithic Cyprus" (abstract).

Review of *Races. A study of the problems of race formation in Man* by Carleton S. Coon, Stanley M. Garn, and Joseph B. Birdsell.

Review of *General anthropology* by H.H. Turney-High.

Review of *Male and female: A study of the sexes in a changing world* by Margaret Mead.

Review of *Pedigree of Negro families* by R. Ruggles Gates.

1951:

"The human remains: Post-Pleistocene man" (with Carleton S. Coon). In *Cave explorations in Iran, 1949* by Carleton S. Coon.

"Human skeletal remains from Hotu: A preliminary report" (paper presented at the American Philosophical Society meeting).

"Measurements and standardisation" (paper presented at the Wenner-Gren Foundation seminar in physical anthropology).

"Population size and microevolution in Greece" (in a separate folder).

"Report of measurement committee" (paper presented at the Wenner-Gren Foundation seminar in physical anthropology).

"Rudolf Virchow (1821-1902) and anthropometric standards" (includes the abstract, the paper presented at the annual meeting of the American Association of Physical Anthropologists, letters from Ashley-Montagu and Gabriel Lasker, the AAPA meeting program, and the list of papers to be presented).

"The skeletal material from Hotu, Iran" (paper given at the annual meeting of the American Association for the Advancement of Science).

Troy: The human remains. Supplemental monograph 1 (2 folders; includes prints used as plates).

Box 113

1952:

"Anatomical interpretation of the palaeolithic skeletons from Hotu" (unpublished; staff conference and luncheon, Daniel Baugh Institute).

"Anthropological change among the Greeks: Propaganda versus facts" (unpublished; see the 1947 article "Did the Greeks change?").

"Axial skeleton of an upper paleolithic woman from Hotu" (with Carleton S. Coon; abstract).

"Ethnic mixture from the standpoint of social biology" (unpublished paper from a joint symposium of the American Anthropological Association and the American Association of Physical Anthropologists [?]).

"Function of sphenomandibular ligament in the macaque" (abstract).

"The human skeletal remains from Hotu cave, Iran."

"The Wenner-Gren summer seminar in physical anthropology" (with Robert W. Ehrlich).

1953:

"Classical archaeology and the anthropological approach." In *Studies presented to David Moore Robinson*, edited by G.E. Mylonas and D. Raymond.

"Genetic and social factors in a Cypriote village" (abstract; see articles under 1954 and 1972).

"Greek skeletons" (unpublished?).

"The human remains from Khirokitia." In *Khirokitia* by P. Dikaios.

"Human skeletal records of age at death" (abstract of paper presented at unidentified meeting).

"Interpretations of the Hotu skeletons" (with Carleton S. Coon; abstract).

"Obesity: An etiologic study" (with Robert R. Schopbach).

"Race and culture: The social biology of mixture" (abstract).

Review of *Contributions to the anthropology of the Faiyum, Sinai, Sudan, Kenya* by Henry Field.

Review of *Archeology and race in the American Indian* by Georg K. Neumann.

Reviews of *Anthropology today, and encyclopedic inventory* edited by Alfred L. Kroeber, and *An appraisal of anthropology today* edited by Sol Tax, Loren C. Eiseley, Irving Rouse, and Carl F. Voegelin (unpublished).

1954:

"Genetic and social factors in a Cyprus village" (unpublished short article from a staff conference, Daniel Baugh Institute; see the abstract under 1953 and the published paper under 1972).

"La Cotte de St. Brelade. II: Present status."

"Peoples of Africa" (talk for a television course on station WFIL).

"Progress report" (concerning the anthropology of chronic disease study).

"Rudolf Virchow (1821-1902), scientist who applied Christianity in politics and in medicine" (unpublished?).

"Skeletons, health and society" (talk given at the Wenner-Gren Foundation conference).

"Social biology in a Cypriote village" (abstract) "Some problems in interpretation of Greek skeletal material: Disease, posture, and microevolution" (abstract).

"The temporomandibular joint in relation to facial structure" (abstract; includes the raw data used for the paper).

Review of *Rudolf Virchow: Doctor, statesman, anthropologist* by Erwin H. Ackerknecht.

"Some problems in interpretation of Greek skeletal material, disease, posture, and microevolution."

1955:

"Abstracts of papers given by J. Lawrence Angel" (covers 1953 to 1955).

"Ancient skeletal material as a guide to health" (abstract; published as "Skeletons as a guide to health in ancient times").

"Anthropological concepts of variation in the teaching of anatomy" (abstract).

"Geometric period skeletons from Mycenae, 1953-1954."

"Human biology, health, and history in Greece from first settlement until now" (report on field work done during the summer of 1954).

"Newly excavated human bones from Greece (1954)" (abstract).

"Physical anthropologists."

"Population profile, ancient and modern" (unpublished?).

"Progress report" (concerning the anthropology of chronic disease study).

"Roman tombs at Vasa: The skulls."

"Skeletons as a guide to health in ancient times" (abstract; see the article under this year titled "Ancient skeletal material as a guide to health").

1956:

"Age changes in obesity" (abstract).

"Anthropology and human variation."

Review of *Contributions to the anthropology of the Caucasus*, Peabody Museum papers.

1957:

"Age changes in female obesity" (published anonymously).

"Genetic factors in obesity" (abstract).

"Genetic hazards of radiography: Evidence and possibilities" (presentation for a postgraduate forum at Jefferson Medical College).

"Kings and commoners" (paper presented at the 1956[?] meeting of the Archaeological Institute of America).

"The people of Lerna" (paper presented at the meeting of the Archaeological Institute of America).

"Progress report" (on the anthropology of chronic disease study).

Review of *A study of the cranial and skeletal material excavated at Nippur*.

1958:

"Human biological changes in ancient Greece, with special reference to Lerna."

"Progress report" (on the anthropology of chronic disease study).

1959:

"Civilization and dental disease" (paper presented at the meeting of the Archaeological Institute of America).

"Early Helladic skulls from Aghios Kosmas." In *Aghios Kosmas: An early bronze age settlement and cemetery in Attica* by George E. Mylonas.

"Femoral neck markings and human gait."

Review of *The Etruscans* by Raymond Bloch.

1960:

"Age change in obesity."

"Evolution of the human brain" (presentation for a high school seminar).

"Human gait, hip joint, and evolution" (abstract).

"Paleodemography and disease in bronze age Greece" (abstract).

"Physical and psychological factors in culture growth."

"Tooth decay, diet, and facial structure" (paper presented at the meeting of the American Association of Anatomists).

"William W. Greulich, Viking Fund Medalist for 1959."

Review of *Ciba Foundation symposium on medical biology and Etruscan origins* edited by G.E.W. Wolstenholme and Cecilia M. O'Connor.

1961:

"Application of physical anthropology to archaeology and to history" (demonstration at the annual meeting of the American Association of Physical Anthropologists).

"Civilization, diet, mouth form and dental health" (abstract for a paper presented at the 1960 meeting of the American Association of Physical Anthropologists).

"Franz Weidenreich," for *The encyclopedia americana* (unpublished).

"Neolithic crania from Sotira." In Sotira by Porphyrios Dikaios (in a separate folder).

"Sherwood L. Washburn" (unpublished?).

"Skeletal evidence of ancient Greek health and disease" (demonstration at the meeting of the American Association of Anatomists [?]).

"Variability, exogamy, and evolution in man" (paper presented at American Anthropological Association meetings; includes an unpublished[?] article by Gabriel W. Lasker; in a separate folder).

Review of *Behavior and evolution* by Anne Roe and George G. Simpson.

1962:

"Skeletal remains from Carniola" (unpublished).

Review of *The origin of races* by Carleton S. Coon (published in *The Washington Post*).

Box 114

1963:

"Osteoporosis: Thalassemia?" (abstract; see the published article under 1964).

"Physical anthropology and medicine."

"Tranquillity skeletons: Early man in California" (abstract).

Biographic sketches of the Retzius family for *The encyclopedia americana*.

Comment on "Quantitative description of body composition: Physical anthropology's fourth dimension" by Josef Brozek.

Review of *The physical anthropology of Ceylon* by Howard W. Stoudt.

Review of *Culture and the evolution of man* edited by M.F. Ashley-Montagu.

Review of *Digging up bones: The excavation, treatment and study of human skeletal remains*.

Review of *Pathologie osseuse du haut Moyen-Age*.

Review of *Social life of early man* edited by Sherwood L. Washburn.

Review of *Animal species and evolution* by Ernst Mayr (published in The Washington Post, August 18).

Review of *The evolution of the human brain* by Gerhardt von Bonin.

1964:

"Aging, arthritis, evolution and culture" (abstract; in a separate folder).

Caucasian entry for *Universal world reference encyclopedia*.

"Osteoporosis: Thalassemia?" (see abstract under 1963).

"Prehistoric man." In *New perspectives in world history*, edited by S.H. Engle (in a separate folder).

"The reaction area of the femoral neck" (includes raw data and the unpublished[?] article "Femoral neck marking and human gait"; in a separate folder).

"Selected papers from a symposium on medical anthropology" (editor, with James G. Roney III).

Review of *Anthropometric survey of Turkey, Greece, and Italy* by H.T.E. Hertzberg, E. Churchill, C.W. Dupertuis, R.M. Whitee, and A. Damon.

Review of *The origin of the Hellenes: An ethnogenetic inquiry* by Aris N. Poulianos.

1965:

"Early populations of northeast Greece" (paper presented at the annual meeting of the American Anthropological Association).

"Old age changes in bone density: Sex and race factors in the United States" (with Paul T. Baker).

"Report on official travel in Greece and Turkey in summer, 1965."

Review of *Physical anthropology and archaeology: Selected readings* edited by Peter B. Hammond.

Review of *The teaching of anthropology* edited by David G. Mandelbaum, Gabriel W. Lasker, and Ethel M. Albert.

Review of *Resources for the teaching of anthropology* edited by David G. Mandelbaum, Gabriel W. Lasker, and Ethel M. Albert.

Review of *Primatologia: Handbook of primatology* edited by H. Hofer, A.H. Schultz, and D. Starck.

Review of *Bones, bodies and disease: Evidence of disease and abnormality in early man* by Calvin Wells.

Review of *Bone, tooth and horn tools of palaeolithic man. An account of the osteodontokeratic discoveries in Pin Hole Cave, Derbyshire* by James W. Kitching.

1966:

"Early skeletons from Tranquillity, California" (includes a review of the publication by J.E. Anderson; in a separate folder).

"Ecological variation and palaeodemography" (abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists).

"Evidence for the origin of faciparum malaria" (presented at the annual[?] meeting of the American Association for the Advancement of Science).

"Human biological forces in the development of civilization."

(paper for the American Philosophical Society yearbook).

"Human skeletal remains at Karatas." In *Excavations at Karatas-Semayuk in Lycia, 1965* by Machteld J. Mellink.

"Porotic hyperostosis, anemias, malaras, and marshes in the prehistoric eastern Mediterranean" (in a separate folder).

Comment on *Population distances: Biological, linguistic, geographical and environmental* by W.W. Howells.

Review of *Yearbook of physical anthropology 1963* edited by Jack Kelso.

Box 115

1967:

"Effects of human biological factors in development of civilization."

"Palaeodemography in human evolution" (abstract).

"Palaeodemography in human evolution" (paper presented at the annual meeting of the American Association of Physical Anthropologists).

"Porotic hyperostosis or osteoporosis symmetrica." In Diseases in antiquity edited by A.T. Sandison and Don R. Brothwell.

"Wadi Or" (unpublished?).

Review of Advances in biology of skin, volume VI, Aging edited by William Montagna.

Review of The living races of man by Carleton S. Coon with Edward E. Hunt, Jr.

Review of Man adapting by Rene Dubos.

Review of Yearbook of physical anthropology 1964 edited by Santiago Genoves.

Review of Somatometria de los indios triques de Oaxaca, Mexico by Juan Comas and Johanna Faulhaber.

Review of The bone dynamics in osteoporosis and osteomalacia by Harold M. Frost.

1968:

"The bases of paleodemography" (abstract and paper presented at the annual meeting of the American Association of Physical Anthropologists; see published article under 1969).

"Ecological aspects of palaeodemography." In The skeletal biology of earlier human populations edited by Donald R. Brothwell.

"Human remains at Karatas." In Excavations at Karatas-Semayuk in Lycia, 1967 by Machteld J. Mellink.

"Human skeletal material from Slovenia" (includes 1944 letters from Angel to Hugh O'N. Hencken, and a 1955 letter from B. Skerlj; in a separate folder).

Comment on "A biological comparison of eight endogamous groups of the same rank" by I. Karve and K.C. Malhotra.

Review of Anthropological researches from the 3rd Danish expedition to central Asia by Peter (Prince of Greece and Denmark), L. Edelberg, J. Balslev Jorgensen, K. Paludan, and H. Siiger.

Review of Human evolution: Readings in physical anthropology edited by Noel Korn and Fred W. Thompson.

Review of Human evolution: An introduction to man's adaptations by Bernard G. Campbell (unpublished?).

1969:

"The bases of paleodemography" (see abstract and paper under 1968).

"Human skeletal material from Franchthi Cave." In Excavations at Porto Cheli and vicinity; preliminary report II: The Franchthi cave, 1967-1968 by Thomas W. Jacobsen.

"Introduction" to the symposium on paleodemography, diseases and human evolution at the sixty-sixth annual meeting of the American Anthropological Association.

"Paleodemography and evolution."

Comment on "Towards an economic prehistory of Europe" by Charles F.W. Higham.

Review of Infectious diseases. Their evolution and eradication by Aidan Cockburn.

Review of Primate ethology by Desmond Morris.

Review of A handbook of living primates. Morphology, ecology and behaviour of nonhuman primates by J.R. Napier and P.H. Napier.

Review of Walking and limping. A study of normal and pathological walking by Robert Ducroquet, Jean Ducroquet, and Pierre Ducroquet.

"Appendix II: Human skeletal material from Franchthi Cave."

1970:

"Early man's adaptation to disease." In Man's evolution in the city edited by Tom Weaver and Mike Crawford (unpublished?; in a separate folder).

"Human skeletal remains at Karatas." In Excavations at Karatas-Semayuk and Elmali, Lycia, 1969 by Machteld J. Mellink.

"A mesolithic population in Greece" (abstract).

Review of Practical anthropology by Georges Olivier.

1971:

"Disease and culture in the ancient east Mediterranean" (paper presented at the Anthropological Congress dedicated to Ale4s Hrdli4cka).

"Early Neolithic skeletons from 2Catal Hhyhk: Demography and pathology" (includes correspondence with David French, O.R. Gurney, and Richard Harper; in a separate folder).

"Human skeletal material from the Church of the Holy Apostles." In The Church of the Holy Apostles. The Athenian Agora, XX by A. Frantz.

"Thicknesses and density of adult skull vault change slightly with age, sex, and race" (unpublished?).

Review of Lerna, a preclassical site in the Argolid, results of excavations conducted by the American School of Classical Studies at Athens. Vol. I. The Fauna by Nils-Gustaf Gejvall.

Review of Human palaeopathology edited by Saul Jarcho.

Review of The face finder by M.M. Gerasimov.

The people of Lerna: Analysis of a prehistoric Aegean population (twenty folders).

Correspondence and comments on the manuscript.

Box 116

Early drafts, some handwritten pages (6 folders).

Box 117

Early draft, final manuscript (?), galley proofs, literature cited, early drafts of tables (8 folders).

Box 118

Paste-ups of tables, figures (includes negatives), plates (includes negatives), titles of plates and figures, miscellany.

1972:

"Biological relations of Egyptian and eastern Mediterranean populations during pre-dynastic and dynastic times."

"Ecology and population in the eastern Mediterranean" (in a separate folder).

"Genetic and social factors in a Cypriote village" (see articles under 1953 and 1954; includes the unpublished version from 1954 and raw data used for the paper; paste-ups of plates are in the map drawer; in a separate folder).

"Health, disease, paleoecology, and adaptation in urbanization" (proposal for a research grant).

"Late Bronze Age Cypriotes from Bamboula: The skeletal remains." In *Bamboula at Kourion: The Necropolis and the finds* by Jack Leonard Benson, University of Pennsylvania Press (in a separate folder).

"A middle palaeolithic temporal bone from Darra-I-Kur, Afghanistan."

"Teeth, health, and ecology: Pitfalls of natural experiments" (abstract).

Review of Blacks in antiquity: Ethiopians in the Greco-Roman experience by Frank M. Snowden.

Review of History of human life span and mortality by Gy. Acsadi and J. Nemeskeri.

Box 119

"Reconstructing demography and health of populations from their skeletal remains" (unpublished?; intended for a publication by The McCaleb-Seiler Publishing Company [later Addison-Wesley Publishing Company]; includes correspondence with the publisher and with Ward H. Goodenough; part was reused for the Cockburn book in 1980; in a separate folder).

1973:

"Early neolithic people of Nea Nikomedeia." In *Fundamenta. Die anfangen des neolithikums vom Orient bis Nordeuropa*, edited by I. Schwidetzky.

"Human skeletons from grave circles at Mycenae." In *The grave circle B of Mycenae* by George E. Mylonas (in a separate folder).

"Neolithic human remains." In *Excavations in the Franchthi Cave, 1969-1971, Pt. 2* by Thomas W. Jacobsen.

"Skeletal fragments of classical Lycians." In *Excavations at Karatas-Semayuk and Elmali, Lycia, 1972* by Machteld J. Mellink.

Review of *The origin of the Cretans: Anthropological investigations on the island of Bravery* by Aris N. Poulianos.

Review of *Biological aspects of demography* edited by W. Brass.

Review of *The origin of Homo sapiens: Proceedings of the Paris symposium* edited by F. Bordes (unpublished?).

1974:

"Bones can fool people" (with Michael Finnegan and Henry W. Setzer).

"The cultural ecology of general versus dental health." In *Bevolkerungs biologie. Beitrage zur struktur und dynamik menschlicher populationen in anthropologischer Sicht* edited by W. Bernhard and A. Kandler (includes correspondence; in a separate folder).

"Human adaptability" (talk given at Bridgewater College [?]).

"Patterns of fractures from neolithic to modern times." In *Anthropologiai Kozlomenyek* by P. Liptak and Janos Nemeskeri (in a separate folder).

Review of *The study of animal bones from archaeological sites* by Raymond E. Chaplin.

Review of *Mammalian osteo-archaeology: North America* by B. Miles Gilbert.

Review of *Anatomy of the human body* by Henry Gray (unpublished; ca. 1974).

Review of *X-raying the pharaohs* by James E. Harris and Kent R. Weeks.

1975:

"Historical epidemiology of American Indians." In *Environment, origins and population. Handbook of North American Indians, 3* edited by R. Ford (in a separate folder).

"Human skeletons from Eleusis." In *The south cemetery of Eleusis* by George E. Mylonas.

"Middle-class skeletal differences" (abstract of paper for the annual meeting of the American Association of Physical Anthropologists).

"Paleoecology, paleodemography and health." In *Population, ecology and social evolution* edited by Steven Polgar.

"Porotic hyperostosis, anemias, malaras, and marshes in the prehistoric eastern Mediterranean." In *Population: Dynamics, ethics and policy* edited by P. Reining and I. Tinker.

Comment on "New evidence for a late introduction of malaria into the New World" by Corinne Shear Wood.

Review of An atlas of primate gross anatomy by D.R. Swindler and C.D. Wood.

Box 120

1976:

"Analysis of the Hull Bay skeletons, St. Thomas" (with Douglas H. Ubelaker).

"Biological changes in America's population since Colonial times" (unpublished?).

"Colonial to modern skeletal change in the United States of America" (abstract).

"Colonial to modern skeletal change in the United States of America" (in a separate folder).

"Early bronze Karatas people and their cemeteries." In Excavations in the Elmali area, Lycia, 1975 by Machteld J. Mellink.

"Skull case" (with Don Cherry; unpublished).

"Social class and occupation differences in skeletons" (abstract for the meeting of the physical anthropologists section of the American Academy of Forensic Sciences).

"T. Dale Stewart" (introduction to the symposium in honor of Stewart).

"Then and now. Microevolution in the United States of America since colonial times" (abstract).

Review of Cranial variation in man: A study by multivariate analysis of patterns of difference among recent human populations by W.W. Howells (unpublished?).

1977:

"Anemias of antiquity: Eastern Mediterranean." In Porotic hyperostosis: An enquiry edited by Eve and Aidan Cockburn.

"Early colonial skeletons at Carter's Grove" (unpublished; see the 1979 articles "Early colonial settlers in Virginia" and "Early colonial settlers in Virginia at Carter's Grove").

"Family skeletons at Stratford, Virginia" (unpublished).

"Human skeletons from Kephala." In Keos. Vol. 1: Kephala. A late neolithic settlement and cemetery by John E. Coleman.

"Personality reconstruction from unidentified remains" (with Donald G. Cherry).

"Porotic hyperostosis in the eastern Mediterranean."

"Teaching of forensic anthropology" (abstract of paper presented at scientific meetings held in Israel).

Review of Paleopathological diagnosis and interpretation. Bone diseases in ancient human populations by R. Ted Steinbock.

1978:

"Arthritis in Byzantium and prehistoric Turkey" (unpublished).

"Pelvic inlet form: A neglected index of nutritional status" (abstract).

"Porotic hyperostosis in the eastern Mediterranean."

"Restoration of head and face for identification" (unpublished?; paper presented at the meeting of the American Academy of Forensic Sciences).

"Time since death estimated from bones" (unpublished?; paper presented at the meeting of the American Academy of Forensic Sciences).

1979:

"A Byzantine monastic population at Kalenderhane Camii, Istanbul" (abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists [?]).

"Early colonial settlers in Virginia" (unpublished; see the 1977 article "Early colonial skeletons at Carter's Grove" and the 1979 article "Early colonial settlers in Virginia at Carter's Grove").

"Early colonial settlers in Virginia at Carter's Grove" (see the 1977 article "Early colonial skeletons at Carter's Grove" and the 1979 article "Early colonial settlers in Virginia").

"Identification from the skeleton" (unpublished?; in a separate folder).

"Osteoarthritis in prehistoric Turkey and medieval Byzantium."

1980:

"Early bronze age Anatolians: Nutrition, occupations, and pathology" (abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists).

"Late stone age fishermen of Lothagam, Kenya" (with Terrell W. Phenice, Lawrence H. Robbins, and B. Mark Lynch; includes correspondence, reviews by referees, and osteometric data sheets; in a separate folder).

"Det mykenske menneske" (The Mycenaean people; with Sara Bisel and Soren Dietz; includes correspondence with Dietz).

"Physical anthropology: Determining sex, age, and individual features." In Mummies, disease, and ancient cultures edited by Aidan and Eve Cockburn (includes correspondence with the Cockburns, comments on Angel's paper by reviewers, data sheets on mummies, and information on the 1979 mummy autopsy [with negatives of the x-rays]; in a separate folder).

"Skeletal stress and occupation" (abstract of paper presented at the annual meeting of the American Academy of Forensic Sciences).

Box 121

1981:

"The Armor and Drummond-Harris sites, Governor's Land, Virginia" (with Jennifer O. Kelley; report to the excavator, Alain Outlaw).

"Health as the crucial human vector in technologic and social change" (with Sara C. Bisel; unpublished in this form; originally for Ted Wertime's symposium; some parts reworked for the 1984 article "Health as a crucial factor in the changes from hunting to developed farming in the eastern Mediterranean"; in a separate folder).

"History and development of paleopathology."

"Skull base height and pelvic inlet depth from prehistory to modern times" (with Lise M. Olney; abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists).

Comment on "Anemia in ancient times" by Gerald D. Hart.

1982:

"Adult dental condition as an indicator of childhood health and nutrition" (abstract; includes the text of the talk presented at the annual meeting of the American Association of Physical Anthropologists, and the data sheets).

"Ancient skeletons from Asine." In Asine II: Results of the excavations east of the Acropolis, 1970-1974 by Soren Dietz (includes correspondence with Dietz and lists of the graves and human bones studied; in a separate folder).

"Identification from burnt bones" (abstract of paper presented at the annual meeting of the American Academy of Forensic Sciences).

"Memorial for Theodore A. Wertime."

"A new measure of growth efficiency: Skull base height" (includes correspondence and referee comments; in a separate folder).

"Osteoarthritis and occupation (ancient and modern)."

"Paleonutrition in the eastern Mediterranean" (paper presented at the International College of Pathology for the Paleopathology Club).

"T. Aidan Cockburn, 1912-1981: A memorial" (with Michael R. Zimmerman; in a separate folder).

1983:

"Annual report, Department of Anthropology."

"Bullet damage to the skull as cause of death" (abstract of paper presented at the annual meeting of the American Academy of Forensic Sciences).

"Current implications from paleonutrition and health" (paper presented at the meeting of the International Congress of Anthropological and Ethnological Sciences).

"Health status of colonial iron-worker slaves" (with Jennifer O. Kelley; abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists).

"Joint study of biological and cultural variation in Dalmatian village populations: Project description" (with L.A. Bennett, D.F. Roberts, and P. Rudan).

Skeletal aging (with Judy Suchey; unpublished?).

"Variation in estimating age at death of adult skeletons" (paper presented at the meeting of the International Congress of Anthropological and Ethnological Sciences).

"The workers of Catoctin Furnace" (with Jennifer Olsen Kelley).

Commentary on Disease in ancient man: An international symposium edited by Gerald D. Hart.

Review of The perception of evolution. Essays honoring Joseph B. Birdsell, with reminiscences by Norman B. Tindale edited by Larry L. Mai, Eugenia Shanklin, and Robert W. Sussman.

Review of Atlas of human paleopathology by Michael R. Zimmerman and Marc A. Kelley.

Box 122

1984:

"Death by strangulation: A forensic anthropological case from Wilmington, Delaware" (with Peggy C. Caldwell). In Human identification: Case studies in forensic anthropology by Ted A. Rathbun and Jane E. Buikstra.

"Experiment in human growth response to improving diet and disease control" (with Jennifer O. Kelley; abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists).

"Healed injuries in forensic skeletons" (abstract of paper presented at the annual meeting of the American Academy of Forensic Sciences).

"Health as a crucial factor in the changes from hunting to developed farming in the eastern Mediterranean." In Paleopathology at the origins of agriculture edited by M.N. Cohen and G.J. Armelagos (includes correspondence; in a separate folder).

"Variation in estimating age at death of skeletons."

1985:

"If Blacks have athletic advantage, it's cultural and not structural" (newspaper article in The Orlando sentinel).

"Bony response to eighteenth century stays versus later corsets" (abstract; with Jennifer O. Kelley and Gretchen Schneider; in a separate folder).

"The forensic anthropologist's examination" (in a separate folder).

"Forensic anthropology procedure."

"Health and nutrition in Mycenaean Greece: A study in human skeletal remains" (with Sara C. Bisel). In Contributions to Aegean archaeology: Studies in honor of William A. McDonald edited by Nancy C. Wilkie and William D.E. Coulson (includes correspondence with the editors and the brochure for the symposium; in a separate folder).

"Lead in bone III. Prediction of social correlates from skeletal lead content in four colonial American populations (Catoctin Furnace, College Landing, Governor's Land, and Irene Mound)" (with A.C. Aufderheide, J.O. Kelley, A.C. Outlaw, M.A. Outlaw, G. Rapp Jr., and L.E. Wittmers Jr.).

"People of Kalenderhane" (with Sara C. Bisel; unpublished?; intended for Lee Striker's volume on Kalenderhane Camii to be published by Dumbarton Oaks).

"Report on Franchthi Cave skeletal material" (with Sara C. Bisel; unpublished; in a separate folder).

"Stress of slavery, Colonial period" (with Jennifer O. Kelley; abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists).

"Stresses of first freedom: 19th century Philadelphia" (with Jennifer O. Kelley, M. Parrington, and S. Pinter; abstract of paper presented at the annual meeting of the American Association of Physical Anthropologists).

1986:

"Description and comparison of the skeleton" (with Jennifer O. Kelley). In *The Wadi Kubaniya skeleton: A late paleolithic burial from southern Egypt* edited by Angela E. Close.

"Health and stress in an early Bronze Age population" (with Sara C. Bisel). In *Ancient Anatolia: Aspects of change and cultural development. Essays in honor of Machteld J. Mellink* by J.V. Canby, E. Porada, B.S. Ridgway, and Tamara Stech (includes correspondence with Stech, Jeanny Vorys Canby, and Brunilde S. Ridgway; letters to Bisel; and the data used to write the article; in a separate folder).

"History of determining age at death of human skeletons" (unpublished?).

"The physical identity of the Trojans." In *Troy and the Trojan War: A symposium held at Bryn Mawr* edited by Machteld J. Mellink.

"What can ancient human skeletons tell us about health and lifestyle?" (unpublished?).

Box 123

"Age at death estimated from the skeleton and viscera" (with Judy Myers Suchey, M. Yasar Iscan, and Michael R. Zimmerman). In *Dating and age determination of biological materials* edited by Michael R. Zimmerman and J. Lawrence Angel (includes correspondence with Zimmerman, the agreement between Zimmerman and Angel and the publisher, and a copy of Doug Ubelaker's paper).

"Estimation of age at death from histology of human bone" (that was included in the book; 3 folders).

Health and the growth of civilization (unpublished; 14 folders).

Correspondence with publishers, tables, chapter one and tables.

Manuscript and tables, 1970-1973 (includes correspondence with Ann Orlov of Harvard University Press).

Box 124

Early manuscripts (3 folders).

Box 125

Original submitted manuscript; 1985 manuscript; 1986 manuscript (first of 2 folders).

Box 126

1986 manuscript (second of 2 folders).

Reference material, 1976-1985 (includes data obtained from the Trojan symposium; slides for the 1985 American Association of Physical Anthropologists meeting [slides show skeletal materials from the Upper Patuxent Archeological Group, Ellicott City, Maryland site, 1980; the Southside High sites in Yorktown, Virginia, 1977; Virginia Research Center for Archaeology, Stratford, 1977; and College Landing, Winesberg, Virginia, 1976]; health diagrams; and analyses of skeletal data including that obtained from Wadi Kubbaniya and Neandertals).

Tabulation of anthropometric, osteometric, and demographic data, 1979 (in the oversize box; apparently some of this work was done by Sharon La Vallee and Nelly Macys as part of a fluid research grant for the summer and fall 1979).

1987:

"Life stresses of slavery" (includes comments by referees; in a separate folder).

"Life stresses of the free Black community as represented by the First African Baptist Church, Philadelphia, 1823-1841" (includes comments by referees; in a separate folder).

1988:

"Graphic reproduction of head and face from the skull." In C. Feller, M. Parrish, L.L. Sadler (eds): Selected papers from the proceedings of the seventh annual Conference of the Guild of Natural Science Illustrators.

"Inversion of the posterior of the jaw ramus: A new race trait" (with Jennifer O. Kelley). In Skeletal race identification: New approaches in forensic anthropology by G.W. Gill and J.S. Rhine.

SERIES 15. DEPARTMENT OF ANTHROPOLOGY, DIVISION OF PHYSICAL ANTHROPOLOGY. 1961-1986. 2.7 ft.

Arranged alphabetically by subject.

This series includes reports, minutes of meetings, memoranda, correspondence, materials on collections, accessions, and exhibits, newspaper clippings, photographs, administrative matters, and public relations information.

At the time of his appointment, Angel was the only full-time physical anthropologist at the Smithsonian, and only the third head (following Aleš Hrdlička and T. Dale Stewart) of the division of physical anthropology since Hrdlička established it in 1903. Although by his own admission Angel did not like administration, he did manage to serve on the Professional Accomplishments Evaluation Committee, the National Museum of Natural History Publications Committee, the Anthropology Accessions Committee, and the Hall 26 Committee.

Related material is in the series on education.

Box 127

Annual reports and budget, 1985 and 1986.

Anthropology Collections Advisory Committee (Accessions Committee), 1976-1984 (a memorandum dated 10 July 1976 is about the Acee Blue Eagle collection).

Anthropology Conservation and Restoration Laboratory Committee, 1971-1972 (includes minutes of meetings and reports of the conservation and restoration laboratory).

Anthropology Visiting Committee, 1971 (Angel served on this committee with several others to review and make a report on the Department of Anthropology at The City College of The City University of New York; Angel was the only member from the Smithsonian; a copy of the committee's report is with the letter of 8 June).

Center for the Study of Man, 1968-1980 (includes Angel's suggestions for the Museum of Man).

Chairman's meetings, memoranda, 1969-1973.

Collections.

Inventory, n.d. (appears to be an inventory of the skeletal materials by location in the building; unit; state, nation, and ethnic group, and drawer).

Maintaining collections and questions concerning the return of bones, 1968-1979 (most of the papers concern the return of the Modoc skulls [see the series on legal matters and the series on reference materials]).

Terry collection, 1967, 1971, 1972 (papers concerning the transfer of the collection to the Smithsonian; includes correspondence with

Mildred Trotter and a photocopy of Trotter's address at the twenty-fifth annual meeting of the American Association of Physical Anthropologists; see the series on reference materials and the series on other research projects).

Puye skeletal remains, accession records, 1982.

Zuni, 1982 (includes the Smithsonian's response to the request for the return of Zuni sacred material).

Correspondence, 1970, 1974 (correspondence with Legrand H. Clegg II about African mixture in ancient Egyptians, and with Ed Castillo about the return of the Modoc skulls [see the entry on collections and the series on legal matters]).

"Division of physical anthropology, miscellaneous," 1964-1982 (the majority of these papers are memoranda and other widely distributed materials; includes a 1971 fiscal year prospectus possibly written by Angel; Angel's annual report for 1968-1969; a letter from Angel to Richard S. Cowan dated 5 November 1970 concerning conditions in the museum; a May 1972 affidavit by Angel concerning a harassment complaint by a Mr. Jenkins [Robert Jenkins?]; a 2 October 1974 statement by Angel concerning a confrontation with Robert Jenkins; Angel's annual reports for the 1976, 1979, and 1980 fiscal years; and correspondence [none by Angel] under 22 March 1976 concerning the return of the Irene Mound skeletal material to the Augusta Richmond County Museum).

Box 128

Education and Training Committee, 1970.

Equipment needed, 1969.

Exhibits.

African case, Hall 25, 1977.

Beard of Hans Langsbeth, 1967-1972 (includes photographs of Langsbeth, articles about the beard, and a Federal Bureau of Investigation examination report of the hairs).

Face masks and body build, 1964-1965.

Film project for human evolution, 1971.

Fossil Man: Articles, 1967-1983 (includes newspaper clippings and professional articles for use as reference materials); casts, 1977-1979; ideas and background, 1965-1985 (includes proposals, memoranda, and photographs); portraits, 1980 (facial reconstructions).

Hall 25: Drawings for exhibit ideas, ca. 1963 (in the map drawer; these are for unit 29); ideas and scripts, 1962-1978 (includes scripts for various exhibits and two reports on the exhibits); miscellany, 1984-1985 (includes materials on general maintenance of the hall).

Box 129

Hall 26, development of western civilization, 1976-1977; miscellany, 1965-1982 (includes information about exhibits and a memorandum Angel wrote "to relieve my rage" over the use of the word "Caucasian" [it was not sent]).

Mummy, PUM II, 1973-1975, 1980 (includes a sample of soil, photographs, and negatives; see the series on photographs).

Pleistocene Hall 6, Wurm I burial, 1973.

Fluid research fund, 1974-1986.

Gifts to the National Museum of Natural History.

Accessioning guide, 1967-1969.

Sheldon, William Herbert, 1984-1986 (materials concerned with the donation of Sheldon's data to the National Anthropological Archives).

Wilder brain collection from Cornell University, 1980 (includes correspondence and two descriptions of the collection).

Grants, 1972-1980.

Hrdlička fund, 1968-1976 (includes funds for the program on the effects on human bone).

Miscellany, 1963-1986 (includes a list of the letters, leaflets, visitors, and phone calls Angel received or sent in 1963 and 1964, and Angel's review of the Donald J. Ortner and Walter Putschar book on paleopathology).

Montana, Fort Smith burial site, 24BH405, 1964-1968 (this was a vandalized Indian grave site; Angel does not appear to have been involved with this case; includes a photograph of one skull).

Notices of research projects, 1967-1974? (these materials are for Angel's and Lucile St. Hoyme's research projects).

Office of the Secretary, Smithsonian Institution.

Sol Tax's progress report for the Office of Anthropology, 1967.

Staff meeting reports, 1964-1966.

Box 130 (RESTRICTED)

Personnel matters.

Administration, general, 1961-1984 (most of the materials are memoranda and other widely distributed materials; includes a list of Angel's activities in 1973 and 1974 with the memorandum of 23 January 1974, notes for the 1970 budget, a 1971 statement by Angel that

Clifford Evans did not discriminate against Robert Jenkins, and Angel's annual reports for 1978 and 1984).

Anthropologist rating schedule, 1966 (includes the certificate designating Angel as a member of the Board of United States Civil Service Examiners for rating Anthropologist applications).

Applications for positions in the Division of Physical Anthropology.

Anthropologist (chemist), 1983 (includes discussions and ratings of candidates).

Associate curator, 1963-1967 (includes correspondence).

Collections manager, 1983 (includes ratings of candidates).

Education and training programs, 1964-1966.

General, 1966-1986 (includes correspondence concerning curator positions, fellowships, and internships; some vitae).

Hominid position, 1983 (includes discussions and ratings of candidates).

Intern, aid, volunteer, or field study applicants 1962-1965, 1984.

Skeletal biologist, 1985-1986 (includes discussions of candidates).

Supervisory film archives, 1983.

Evaluation criteria for advancement and new employees, 1962-1966 (consists of widely distributed materials only).

Fellows, 1980-1981.

Guide for evaluation of secretarial positions, 1963-1969.

Individual actions.

Bentley, Gillian R. 1983 (includes a copy of Bentley's article on the !Kung San).

Bisel, Sara C., 1981-1984 (includes information on the joint resolution with Angel on health and nutrition in the Mediterranean).

Dowling, Paula, 1986.

Ericksen, Mary Frances, 1981.

Forman, Sylvia, 1966 (a National Science Foundation museum research project).

Hill, Lesley Marguerite Rankin, 1985-1986 (research collaborator appointment).

Iscan, M. Yasar, 1968-1970 (Hrdli ka Memorial Scholarship, Graduate Visiting Research Fellow; most of the materials are correspondence).

Kelley, Jennifer O., 1983-1986.

Margola, Angela C., 1962.

Napier, John R., 1967-1968.

Ortner, Donald John, 1963-1974 (includes his research proposals for the bone biology program).

Rudan, Pavao Mario, 1983 (visiting scholar; recipient of a Fulbright award).

Schulter-Ellis, Frances P., 1981 (research collaborator appointment).

St. Hoyme, Lucile Eleanor, 1963-1969.

Ubelaker, Douglas Henry, 1971.

Warnock, Karlana G., 1969-1970.

y'Edynak, Gloria Jean, 1986 (research collaborator appointment).

"New programs in physical anthropology," 1966-1971 (concerns various people with an interest in working at the Smithsonian; includes letters to Sol Tax and Kenneth A. Bennett, Sherwood Washburn, and Alan Almquist).

Staff research interests, 1965-1967 (most of the materials are photocopies of typewritten statements by staff members, most of them addressed to Sol Tax).

Visitors using collections: Graduates, 1963-1985 (includes correspondence with Erik Trinkaus and Margaret Schoeninger, and a memorandum to Richard Woodbury about William Bass).

Other, 1982-1985.

Post-doctoral, 1966-1986.

Processing Laboratory, 1972, 1975 (includes the 1972 quarterly report).

Public relations.

Help to other museums, 1979 (correspondence with the Museum of the University of Antioquia in Medellin, Columbia).

Replies to inquiries concerning the article on Angel in Smithsonian, 1976-1977 (arranged chronologically).

Replies to inquiries from the public, 1965-1985 (includes replies to questions about psychosurgery, Bigfoot, and microcephally).

Television shows, 1966-1986 (includes information on the proposed series by the National Broadcasting Company, the script for a show titled "Physical Anthropology" with Bill Ryan, and two appearances by Angel on a local television show).

Television talk shows.

Box 131 (RESTRICTED)

National networks, the National Broadcasting Company (Today show, 8 July 1983) and the American Broadcasting Company (12 September 1985).

Local network, Channel 9 talk with Cris Russell on 5 February 1983 (includes a Washington post article on Angel).

Tours, 1966-1974.

Box 132

Research account with the Smithsonian Institution, 1981-1986 (this is Angel's account; includes a copy of Jennifer O. Kelley's 1986 contract).

River Basin Surveys skeletal remains, 1969 (includes correspondence concerning the disposition of the skeletal remains after the River Basin project is transferred from the Smithsonian Institution to the National Park Service).

Safety concerns in the NMNH, 1971-1983.

Science Information Exchange, 1966.

Senate of Scientists.

General, 1964-1982 (includes memoranda on various subjects and information on the constitution).

Members, 1964-1977.

News bulletin, 1968-1980.

Reports and minutes of meetings, 1963-1973, 1981-1985.

Smithsonian policies, 1964-1974.

Smithsonian Subcommittee on Training, 1965, 1972 (concerned the training of subprofessionals).

Space plans, 1974.

Staff meetings.

Minutes of meetings.

1966 (following the minutes of 2 June are the ballots for the chairmen of the new divisions in the Smithsonian Office of Anthropology); 1967-1970.

Notes, 1977-1986 (includes notes on the accessioning procedure).

Reports, 1964-1966.

Steering Committee for the Anthropology Academic Program Committee, 1970-1986 (the steering committee had responsibility for reviewing and evaluating the candidates for Smithsonian fellowships).

Box 133

Strategic Studies Desert Research Proposal, 1981.

T. Aidan Cockburn Memorial Fund, 1981-1982 (Cockburn requested any donations in his memory go to the Smithsonian where he was a research associate for eight years; includes letters from donors and lists of donors).

United States government involvement in field research, 1964-1973 (most of these materials are Smithsonian office memoranda disseminated to Smithsonian staff).

SERIES 16. PROFESSIONAL ORGANIZATIONS AND MEETINGS. 1942-1987. 6.5 ft.

Arranged alphabetically.

This series is composed of papers from the professional organizations to which Angel belonged and meetings held by other organizations and institutions to which Angel was invited. Included in the materials are correspondence, photographs from some meetings, Angel's reviews of manuscripts and research proposals, papers Angel presented, papers by other authors, notes from meetings, and newsletters.

Angel was extremely active in both local and national professional organizations. He was President of the Philadelphia Anthropological Society (1946-1948), the Philadelphia Society of the Archaeological Institute of America (1949-1950), the Anthropological Society of Washington (1974-1975), and the American Board of Forensic Anthropology (1980-1985). He was associate editor of three publications: *American anthropologist* (1946-1948), the *American journal of physical anthropology* (1951-1954 and 1960-1963), and *Clinical orthopaedics* (1954-1970). In addition, Angel served on the Board of Trustees of the Council for Old World Archaeology (1953-1956); was a council member of the American Society of Human Genetics (1956-1958); was a member of the advisory panel of Anthropology and the History and Philosophy of Science of the National Science Foundation from 1960-1962; was on the advisory panel for evaluating NSF graduate fellowships (1962-1965); and helped organize meetings of the Viking Fund in 1947, the American Anthropological Association in 1967, and the Archaeological Institute of America in 1975.

Angel was most active in the American Association of Physical Anthropologists. He was elected to membership in 1940, served two terms as associate editor of the AJPA, served on the Executive Committee (1950-1952), was Secretary-Treasurer from 1952 to 1956, and was Vice-President from 1959-1960. He also helped organize several of the annual meetings of the AAPA.

The Association of American Medical Colleges teaching institute was the third of a series of six institutes. The objectives of the institutes were to provide an opportunity for medical educators to discuss teaching problems, exchange philosophies and ideas, and to seek to improve medical teaching and educational opportunities for medical students. Attendance to an institute was by invitation only.

The Committee on Research in Physical Anthropology was part of the Division of Anthropology and Psychology of the National Research Council. Wilton M. Krogman was chairman in 1951. These papers deal with the usefulness of physical anthropology to the military establishment.

The Council for Old World Archaeology was founded by Lauriston Ward with the purpose of advancing the study of Old World archaeology in the United States.

The Paleopathology Association meetings were sometimes held in conjunction with the annual meetings of the American Association of Physical Anthropologists. Some materials will be under the AAPA papers.

Box 134

American Academy of Forensic Sciences (AAFS; see the series on education under lectures).

American Board of Forensic Anthropology, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986 (2 folders).

Miscellany, n.d.

Annual meetings (many of these meetings include a copy or abstract of the paper Angel presented), 1976, 1978, 1979, 1980, 1982 (includes a resolution on reburial by Angel and Judy Suchey), 1983, 1984 (at this meeting Angel received an award from the physical anthropology section of the AAFS and photographs of the presentation are included), 1985, 1986 (8 folders).

Correspondence, 1975-1986.

European proposed standards for age and sex determination of skeletons, 1978.

Membership lists, 1976 and 1977.

Miscellany, n.d.

American Academy of Political and Social Science, 1951.

American Friends of Greece, 1942-1948, 1951 (includes publications and the bulletin, *The philhellene*).

Box 135

American Anthropological Association (AAA; see the entries on anthropology seminars and lectures, and on notes by Angel from various symposia; see the series on education under Daniel Baugh Institute lectures, index cards).

American anthropologist, 1977 (Angel's reviews of manuscripts submitted for publication).

Annual meetings, 1945, 1946, 1965, 1966.

1967 (these materials are concerned with the symposium Angel organized on palaeodemography, diseases, and human evolution; includes correspondence, and abstracts and copies of papers that were presented).

1968 (these materials are concerned with the symposium on urban anthropology held at Santa Fe just prior to the AAA annual meeting; includes an abstract and copy of the paper Angel presented).

1976 (includes a copy of T. Dale Stewart's "History of physical anthropology" and Stanley M. Garn's "The state of the art" also on the development of physical anthropology).

1985 (includes an abstract of the paper Angel presented).

1986 (Angel would have been presented the AAA Distinguished Service Award at this meeting; includes an abstract of the paper Angel would have presented).

Employment services, 1960-1961, 1969-1971.

American Association for the Advancement of Science (AAAS; see the entries on anthropology seminars and lectures, and on notes by Angel from various symposia).

Science, 1964-1985 (Angel's reviews of manuscripts submitted for publication).

Section H, Anthropology (most of these are materials that were sent to all members; includes annual meeting materials, minutes of Executive Committee)

meetings and Board of Director meetings, and correspondence), 1950, 1951, 1953, 1954, 1955. (15 folders)

Box 136

1956, 1957, 1963, 1964, 1965, 1966 (includes a copy of the paper Angel presented), 1968 (Angel did not attend), 1974, 1975, 1976, 1977.

American Association of Anatomists, 1955, 1967, 1968, 1986.

American Association of Physical Anthropologists (AAPA; see the entry on notes by Angel from various symposia; see the series on education under Daniel Baugh Institute lectures, index cards; see the series on photographs under rolled 35mm negatives).

Affiliations with other organizations, 1971-1973.

American journal of physical anthropology (AJPA), 1964, 1970-1986 (Angel's reviews of manuscripts submitted for publication).

Annual meetings (many of these meetings include a copy or abstract of the paper Angel presented), 1945, 1946, 1950, 1952.

1962 (the bulk of the materials concern the symposium on medical anthropology organized by Angel and James G. Roney III; includes copies of the papers presented), 1964, 1965, 1966, 1967 (includes some of Angel's notes), 1968, 1970 (materials are concerned with Angel's preparations for the meeting), 1972 (includes Angel's notes from the dental symposium), 1974 (includes information on the symposium organized by Angel to honor Albert Damon), 1975.

Box 137

1976, Symposium in honor of T. Dale Stewart (organized by Angel); General information (includes Angel's notes concerning his talk); Correspondence concerning a special issue of the AJPA in Stewart's honor, 1977, 1978, 1979, 1980, 1981, 1982 (Angel did not attend), 1983 (includes information on the Paleopathology Association meeting), 1984 (includes information on the Paleopathology Association meeting; see the series on photographs under slides, miscellany), 1985, 1986 (includes information on the Paleopathology Association meeting), 1987.

Box 138

Candidates for membership, 1967-1969 (Angel was chairman of the membership committee during these years).

Committee on the Role of Human Skeletal Research in Anthropology, 1981-1982.

Correspondence with Gabriel Lasker, 1951-1953, 1955 (covers such topics as the Yearbook of physical anthropology, the possible affiliation of the AAPA with the American Association for the Advancement of Science, and the publication of physical anthropology papers in Human biology).

General, 1949-1973 (includes correspondence, not all by or for Angel; materials distributed to all members; materials on the 1956, 1958, 1959, 1960, and 1961 annual meetings; and Angel's presentation on William W. Greulich as the 1959 Viking Fund Medalist).

Miscellany, 1955, 1956 (includes an official statement that one group is not superior to another on the basis of race).

Newsletter, 1945-1955.

Problem membership accounts and addresses, 1967.

American Institute for Human Paleontology, 1954-1963 (includes reports of meetings, agenda of meetings, memoranda, and Angel's notes from some of the meetings).

American Philosophical Society, n.d., 1951, 1962 (includes brochures for the 1951 annual meeting and the winter 1962 Jayne Memorial lecture, and Ira Dye's data on United States soldiers).

American School of Classical Studies at Athens.

Alumni letters, 1944, 1949, 1952-1972.

American Society of Clinical Pathologists-College of American Pathologists, 1976.

Box 139

American Society of Human Genetics, 1953, 1956-1964, 1967, 1968 (includes materials about the annual meetings; most of the materials were distributed to all members; also see the entry on the International Congress of Genetics).

American University, Evolution: Molecular to cultural symposium, 1967 (see the series on education under lectures).

Anthropological Society of Washington (ASW); includes annual reports, financial statements, meeting programs, and information on elections; see the entry on anthropology seminars and lectures), 1962, 1963, 1964, 1965, 1966, 1973, 1974, 1975, 1976.

Newsletter, 1972-1980.

Relations with other organizations, 1974-1975.

Speakers (announcements of speakers at ASW meetings, including one for Angel).

Anthropology seminars and lectures, 1960-1972 (notes are in chronological order; includes notes from unidentified meetings; notes for talks at the Anthropological Society of Washington in 1963[?] and 1972; notes from American Anthropological Association meetings in 1964 and 1965; and notes from the American Association for the Advancement of Science meeting in 1966; the unidentified notes may be from lectures given at the Smithsonian).

Archaeological Institute of America: Annual meetings, 1967, 1983 (at this meeting Angel was awarded the Pomerance Award for Scientific Contributions to Archaeology; includes Angel's acceptance speech), 1985 (includes an abstract of the papers Angel presented; see the series on photographs under slides, miscellany).

Miscellany, n.d.

Newsletter, 1946-1956 (numbers 1-25).

Box 140

Armed Forces Institute of Pathology (AFIP), 1964-1968 (does not have to do with the forensic pathology seminars; see the series on education under forensic anthropology).

Association of American Medical Colleges (two folders; see the entry on medical and surgical lectures and seminars).

Teaching institute on anatomy and anthropology, 1954-1956 (Angel participated as analyst at the 1955 institute; includes correspondence with Gabriel Lasker, copies of talks presented at the institute, a copy of the program for the 1955 institute, information sent to all participants, and Angel's notes for the third teaching institute) Bryn Mawr College, 1970, 1980, 1984 (includes information on the symposium on the Trojan War).

Cold Spring Harbor symposium on human evolution, 1950 (Angel's notes).

Columbia University, Genetics and evolution of Man seminars, 1956-1963 (includes Angel's notes).

Committee on Research in Physical Anthropology, 1951 (includes a statement of objectives and an bibliography of military anthropometry).

Congress of Czechoslovak Anthropologists, 1969, 1979 (these materials are for the first and second Anthropological Congress of Aleš Hrdlička; includes copies of the papers

Angel presented and photographs of attendees at both meetings; see the entry on notes by Angel from various symposia).

Cosmos Club, 1974 (see the series on education under lectures).

Council for Old World Archaeology (COWA); includes correspondence with Lauriston Ward and Noel Morss, grant proposals to the National Science Foundation, memoranda, and papers for the articles of organization of COWA; see the series on photographs under rolled 35mm negatives), 1953.

Box 141

1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1966.

Czechoslovak Society of Arts and Sciences in America, Inc., 1968 (a delegation came to the National Museum of Natural History to pay respects to Aleš Hrdlička; includes photographs of the occasion and some information concerning the centenary celebration of the birth of Hrdlička).

Eastern Conference of Radiologists, 1963.

Florida Atlantic University, Identification of human remains conference, 1981 (organized by Yasar Iscan).

Florida State Division of the International Association for Identification, annual conference, 1981.

Foundation for Research into the Origin of Man, Food for Thought symposium, 1982.

Friends of Ancient History, n.d. (includes an abstract of the paper presented by Angel).

Genetics in medicine symposium, 1958, 1959 (Angel's notes).

George Washington University School of Medicine, anatomy seminars, 1963 (see the series on education under lectures).

Georgetown University, 1980 (spoke at the hematology conference); 1985 (colloquium on evolution; Angel spoke on the evolution of erect walking).

Guild of Natural Science Illustrators, national meeting, 1986.

Howard University College of Medicine, 1965 (brochure for a lecture; see the series on education under lectures).

Human Biology Council, 1980-1983 (Angel's reviews of manuscripts submitted for publication in Human biology).

International Academy of Pathology, 1980, 1982 (includes the notes for Angel's talk).

International Anatomical Nomenclature Committee, 1971-1976.

Box 142

International Biological Program, 1963-1971 (includes Angel's two proposed research projects; see the entry on notes by Angel from various symposia).

International Congress of Americanists, 1974 (Angel participated in the symposium on the use of archaeological techniques in criminal investigation; includes a draft of Angel's presentation).

International Congress of Anthropological and Ethnological Sciences:

VIIIth meeting, 1968 (Angel did not attend but helped review applications of potential participants to this congress and the 38th International Congress of Americanists).

IXth meeting, 1973 (includes copies of the abstract and the paper Angel presented, information on the 31st Conference on Biosocial Interrelations in Population Adaptation, and Angel's notes from this conference).

XIth meeting, 1983, prehistoric demography and pathology symposium (includes a handwritten draft of Angel's paper).

International Congress of Genetics (IGA), Xth meeting, 1958 (includes information on the annual meeting of the American Society of Human Genetics held in conjunction with the ICG; see the entry on the ASHG).

International Symposium on Dental Morphology, 1985 (Angel's review of the proposal submitted to the North American Treaty Organization Advanced Research Workshop Program seeking funding of this symposium).

International Symposium on Teaching of Morphological Sciences, third meeting, 1977 (includes Angel's notes for his talk).

Israel Anthropological Association, 1973.

Louis S.B. Leakey Foundation, 1975.

Maryland Academy of Sciences, 1964-1967 (includes correspondence concerning talks Angel gave at high schools).

Medical and surgical lectures and seminars, 1955-1964 (Angel's notes from Daniel Baugh Institute lectures, the 1955 seminar for the Association of American Medical

Colleges, the Smithsonian Institution, the Geographic Pathology Conference in 1964, and the National Academy of Sciences-National Research Council palaeopathology symposium in 1965).

Miscellany, 1961-1985 (two folders; most undated; includes hand-outs presumably received at meetings, notes Angel took at unidentified meetings, the texts of presentations by Angel at unidentified meetings, and Angel's reviews of two research grants by Jerome W. Sperling).

Box 143

National Academy of Sciences-National Research Council, 1962-1968 (Angel served on a panel to evaluate graduate fellowship applications for the National Science Foundation; includes materials on the 1965 symposium on human paleopathology; see the entry on medical and surgical lectures and seminars).

National Association of Biology Teachers, 1981 (national convention on creationism; Angel represented the American Association of Physical Anthropologists).

National Conference on Body Composition, 1963 (see the series on writings by Angel under 1963 for Angel's comment on a paper by Josef Brozek on body composition).

National Endowment for the Humanities, 1975, 1982 (includes Angel's evaluation of a research proposal [undated], his notes from a 1982 symposium, and a research proposal by Sumner Glimcher for a film project on American archaeology in Greece [Angel served as a consultant for the film]).

National Geographic Society, 1981, 1982, 1985 (Angel's reviews of articles).

National Science Foundation (NSF; includes Angel's ratings of proposals for NSF research grants, papers from Angel's service on the advisory panel for Anthropology and the History and Philosophy of Science, and papers on the Advanced Science Seminar Program; see the entries on the Council for Old World Archaeology and on the National Academy of Sciences-National Research Council), 1960, 1961.

Box 144

1962 (two folders), 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973.

Box 145

1974, 1976, 1977 (includes Angel's ratings of grant proposals by Carol Jean DeRousseau, Della C. Cook, and A.T. Steegmann), 1978, 1979, 1980 (includes Angel's rating of a grant proposal by Mahmoud Y. El Najjar and Donald Johanson), 1981, 1982,

1983 (includes Angel's ratings of grant proposals by Francis E. Johnston, Ralph Holloway, Milford H. Wolpoff, and Jane Buikstra), 1984, 1985, 1986.

New York Academy of Sciences, 1955, 1965, 1968 (the 1968 materials are from the fourth conference on the biology of hard tissue and includes Angel's notes; see the entry on notes by Angel from various symposia).

Occasional papers in medical anthropology, 1976 (Angel served on the advisory board; includes his review of a research proposal).

Office of the Chief Medical Examiner, Richmond, Virginia, medico-legal workshop, 1974.

Paleopathology Association: Angel's exhibit on congenital malformations, n.d. (includes photographs); Symposia, 1973, 1978, 1981 (see the series on photographs under six-drawer slide box).

Peabody Museum of Archaeology and Ethnology, 1955.

Philadelphia Anthropological Society (see the series on education under lectures); Bulletins, 1948-1963 (inclusive; three folders); Miscellany, 1972.

Box 146

Notes by Angel from various symposia, 1956-1969 (in chronological order; originally not separated by date, done so by the processor; includes notes from the American Association of Physical Anthropologists meetings in 1959, 1962, 1963, 1964[?], and 1967; the American Association for the Advancement of Science meetings in 1956 and 1966; the International Biological Program meeting in 1964[?]; the Czechoslovakia Anthropological Congress in 1969; the Man and Beast symposium at the Smithsonian in 1969; the American Anthropological Association meetings in 1961, 1962, and 1967 or 1968; the New York Academy of Sciences meetings in 1962 and 1965; the Smithsonian mass disaster seminar in 1968; and unidentified meetings in 1958, 1962, 1964 [includes one with L.S.B. Leakey and Jane Goodall], 1965 [includes one with John Napier, Leakey, and [Ellwyn?] Simons at a meeting at Penn State University], and 1966).

Box 147

Query Club, 1970.

Shoe-foot conference, 1964 (Angel's notes).

Smithsonian Institution (see the entry on medical and surgical lectures and seminars).

Archeological Conference Committee, 1966, 1967

Foreign currency program, 1967, 1970, 1972 (includes research proposals by Helmut K. Buechner and T. Aidan Cockburn).

Miscellany, 1966, 1979 (includes Angel's review of Melvin J. Konner's research proposal submitted to the National Museum Act).

Primate research program, 1966-1967 (includes information on the attempt to have John R. Napier employed at the Smithsonian).

Research program on changing cultures, 1966.

Smithsonian magazine, 1970, 1974 (Angel's reviews of manuscripts submitted for publication).

Symposia (see the entry on notes by Angel from various symposia):

1967, The quality of Man's environment.

1968, Personal identification in mass disasters.

1969, Man and beast: Comparative social behavior.

1981, How humans adapt, a biocultural odyssey (includes the brochures from the 1973 and 1977 symposia).

Society for Applied Anthropology, 1948.

Society for the Study of Evolution, 1950.

Society for the Study of Human Biology, 1970.

State Dental Society, Hagerstown, Maryland chapter, 1978.

State University of New York, College at Plattsburgh, Paleopathology and socioeconomic change at the origins of agriculture conference, 1982 (includes a copy of the paper Angel presented and his notes from the conference; see the series on photographs, box 172).

Torch Club, 1981-1983 (includes Angel's reviews of manuscripts).

United States Department of Agriculture, Agricultural Research Service, 1963, 1964 (includes information on the 1964 conference on anthropometric research on children's feet).

United States Department of State, Foreign Service Institute, 1963.

University of Missouri-Columbia, Sinclair Comparative Medicine Research Farm for the Study of Chronic Diseases and Aging, seminar, 1970.

University of Pittsburgh, 1968.

University of Turin, Population biology of the early Egyptians symposium, 1969 (includes copies of the paper presented by Angel and his notes from the symposium).

University of Virginia, The history of physical anthropology symposium, 1980 (held on the fiftieth anniversary of the founding of the American Association of Physical Anthropologists; includes a copy of the paper that Angel presented).

Viking Fund (renamed the Wenner-Gren Foundation for Anthropological Research in 1951).

Conferences and seminars (except for 1945 and 1950, these include Angel's notes on the seminar), 1945, 1946.

Box 148

1947 (Angel organized the summer seminar on growth and evolution), 1948, 1949, 1950.

Correspondence concerning the 1948 seminar: Letters received by Angel and Gabriel Lasker, 1948 (correspondents included Joseph B. Birdsell, Alice Brues, P. Teilhard de Chardin, W. Montague Cobb, Paul Fejos, R. Ruggles Gates, James A. Gavan, Marcus S. Goldstein, Earnest A. Hooton, William W. Howells, Frederick Hulse, Dorothy L. Keur, William M. Krogman, W.E. Le Gros Clark, Ernst Mayr, Marshall T. Newman, Charles Noback, Adolph H. Schultz, Muzaffer Senyurek, Harry L. Shapiro, James M. Sprague, T. Dale Stewart, William L. Strauss, Jr., James M. Tanner, Franz Weidenreich, and Robert White).

Letters sent by Angel and Gabriel Lasker, 1948 (includes letters to Mildred A. Atwood, Robert Broom, Harold Cummins, Theodosius Dobzhansky, W.L.H. Duckworth, E.A. Hoebel, Austin H. Riesen, Leslie Spier, and William Duncan Strong).

Medals and awards, 1951, 1952, 1955, 1959 (programs).

Yearbook of physical anthropology, 1947, 1948.

Washington Academy of Sciences, Cooperative College-School Science Program, 1964.

Washington Society for the History of Medicine (see the series on education under lectures).

Meetings and other information, 1963-1973.

Wayne State University School of Medicine: Death and disease in ancient Egypt seminar, 1973 (co-sponsored by the Smithsonian Institution and the Detroit Institute of Arts; includes an abstract of the paper Angel presented and the anthropometric data obtained from an autopsy of an Egyptian mummy).

Wenner-Gren Foundation for Anthropological Research.

Conferences and seminars (1951, 1953, and 1955 include Angel's notes on the summer seminar), 1951, 1953 (includes an abstract of the paper Angel presented), 1955, 1964, 1965, 1967, 1968, 1979.

Conference on Museums and Anthropology, 1954 (includes Angel's notes).

Yearbook of physical anthropology for 1950.

Correspondence, 1951-1952 (includes letters sent and received by Angel and Gabriel Lasker). Wistar Institute of Anatomy and Biology, 1959.

Box 149

Wenner-Gren Foundation: Bibliography, n.d. (listings for the *Yearbook of physical anthropology* and the Wenner-Gren summer seminar).

SERIES 17. WRITINGS BY OTHER AUTHORS. 1950-1985. 1.2 ft.

Arranged alphabetically by author or title of journal. Anonymous papers are placed in the front.

Papers in this series include reprints, preliminary drafts, Master's theses, student papers, reviews of Angel's publications and publications by other authors, and reports.

Writings by other authors appear throughout Angel's papers and are so identified in the contents description of the series.

Box 150

Anonymous, "A browsing list in physical anthropology for graduate students," n.d.

_____, "Problems in research and teaching of growth and development," n.d.

_____, "Required readings in physical anthropology for graduate students," n.d.

_____, "A list of readings for graduate students," 1951.

Abeira, Christine, "Hemihypertrophy and congenital asymmetry in the literature of medicine and physical anthropology," 1978 (student paper from George Washington University).

Afro-American biohistory symposium papers, 1985 (preliminary drafts).

Blakey, Michael L., "Social policy, economics, and demographic change in Nanticoke-Moore ethnohistory."

Martin, Debra L., Ann L. Margennis, and Jerome C. Rose, "Cortical bone maintenance in an historic Black cemetery sample from Cedar Grove, Arkansas."

Rathbun, Ted A., "Health and disease at a South Carolina plantation: 1840-1870."

Anderson, James E., Nubia, n.d. (this is the label Angel gave this material).

_____, review of Early skeletons from Tranquillity, California by J. Lawrence Angel, 1968.

Armstrong, P. Livingstone, "Population and illness," 1980.

Aufderheide, Arthur C., Report on the anatomic findings on mummies BM4, BM5, and NMSU1 dissected at the Smithsonian Institution on 9 March 1979, 1980.

Burns, Peter Edmund, "Description of the statistical method," 1978-1979 (this is a log-linear analysis of pathologies in teeth).

Caldwell, Margaret (Peggy) C., "The human remains recovered in the San Carlos River Valley excavations," 1981.

_____, "Gouverneur Morris exhumation case, report I," 1986.

Cockburn, T. Aidan, "Death and disease in ancient Egypt," 1973 (reprint).

Coon, Carleton S., "Bibliography," 1963.

Debetz, G.F., "Anthropological investigations in Afghanistan," 1966 (unpublished?).

Eckert, William G., "The medicolegal and forensic aspects of fires," 1981.

Finkel, David J., "Sexual dimorphism and settlement pattern in Middle Eastern skeletal populations," n.d.

Forman, Sylvia Helen, "Report on summer research project: Osteoporosis in a Peruvian skeletal collection," 1966.

Francisco, J.T., "Law enforcement and the forensic pathologist," 1973.

Galloway, Alison, "Appendix: Report on the human skeletal remains from the 1984 excavations, Kourion City, grid L9," 1985.

Gavan, James A., "Race," 1964.

Gruber, Jacob W., "Some criticisms of the heterosis hypothesis as a factor in culture change," n.d.

Hanson, Christine, "Medieval western Scandinavia," n.d. (includes a list of examination questions by Angel).

Hewes, Gordon W., "A selected bibliography on human posture and related topics," 1957.

Hunt, Edward E., "The identification of the dead by anthropological methods," n.d.

Box 151

Krogman, Wilton Marion, "Bibliography of Harry Sicher, M.D.," n.d.

_____, "The growth of the head and face in American White and American Negro boys of Philadelphia, age 6-14 years," n.d.

_____, "Height, weight, and bodily growth of American White and American Negro boys of Philadelphia, age 6-14 years," n.d.

_____, "The growth of the head and face in American White and American Negro girls of Philadelphia, age 6-14 years," n.d.

_____, "Height, weight, and bodily growth of American White and American Negro girls of Philadelphia, age 6-14 years," n.d.

_____, "The physical growth of the child," 1950 (syllabus).

_____, "The role of physical anthropology in dental and medical research," 1951 (read before the twentieth annual meeting of the American Association of Physical Anthropologists).

_____, "Research in progress at the Philadelphia Center for Research in Child Growth," 1952.

_____, "Physical anthropologists as experts in human identification," 1955 (read before the VIII Wenner-Gren summer seminar).

Levine, Lowell J., "Forensic odontology today<197>a new forensic science," 1972.

Maresh, Marion M., "Linear growth of long bones of extremities from infancy through adolescence," 1955.

Mehta, Jimi D. and C. Carnot Evans, "A study of attrition of teeth in the Arkansas Indian skulls," n.d.

Murrill, Rupert I., review of Human skeletal material from Slovenia by J. Lawrence Angel, n.d.

Nowell, George Wesley, "An aging of the prehistoric population of Tepe Hissar, Iran," ca. 1971 (Master's thesis).

Parrington, Michael and Daniel G. Roberts, "The first African Baptist church cemetery," 1984.

Philippas, George G., "Ways of examining teeth and investing tissues of ancient anthropological material," 1953-1955.

Rathbun, Ted A., "Patterns of pathology among Metal Age Iranians and Mesopotamian populations," 1980 (presented at the forty-ninth annual meeting of the American Association of Physical Anthropologists).

Rightmire, G.P., "The later Pleistocene and recent evolution of Man in Africa," 1974.

Robinson, Henry S. and Peter Edmund Burns, "Skeletal biology of Corinth from prehistoric through Byzantine times," n.d.

Sommer, H.J., III, N.R. Miller, and G.J. Pijanowski, "Osteometric scaling and normative spatial modelling," 1980.

Sperber, Norman D., "The whole tooth and nothing but the tooth," 1982.

Spuhler, J.N., "A survey bibliography of physical anthropology," 1950 (for a course at Northwestern University).

Statistical bulletin, volume 28, number 10, 1947.

Stech, Tamara, "Karatas cemetery," n.d. (rough draft; includes photographs and descriptions of the contents of the tombs with Angel's annotations on the skeletal remains; four folders).

Box 152

Stech, Tamara (third & fourth folder).

Stewart, Thomas Dale, "Sternal ribs are aid in identifying animal remains," 1961.

Striker, Cecil L. and Y. Dogan Kuban, "Work at Kalenderhane Camii in Istanbul: First preliminary report," n.d.

_____, "Work at Kalenderhane Camii in Istanbul: Second preliminary report," n.d.

_____, "Work at Kalenderhane Camii in Istanbul: Third and fourth preliminary reports," 1971

_____, "Work at Kalenderhane Camii in Istanbul: Fifth preliminary report (1970-1974)," 1975.

Strouhal, Eugen, "The physical anthropology of the Meroitic area," n.d. (manuscript).

Sublett, Audrey J., review of *The skeletal biology of earlier human populations* edited by Donald R. Brothwell, n.d.

Vermeule, Emily, review of *Lerna: A preclassical site in the Argolid, volume II: The people* by J. Lawrence Angel, 1972.

Vesely, M., A. Christensen, B. Lundetoft Clausen, and J. Balslev Jorgensen, "Physical anthropological studies in Afghanistan in 1968," 1975.

Wesolowsky, Al B., "An analysis of the human skeletal remains from the Lerna Hollow cemetery, Ancient Corinth, Greece," 1971 (Master's thesis; Angel was not on the thesis committee).

Wheeler, Tamara (see Tamara Stech).

SERIES 18. GRANTS. 1951-1962. 5 in.

Arranged alphabetically and chronologically thereunder.

This series includes information on grants awarded to Angel or for which he applied. Materials on other grants can be found in the series on professional organizations and meetings.

Angel received the A-224 grant and continuances from the National Institutes of Health to conduct his research into the anthropology of chronic disease and to finance his work in the Mediterranean.

Box 153

National Foundation on the Arts and the Humanities, 1969.

National Institutes of Health,

Grant A-224 and continuances, 1951-1962.

Correspondence (includes correspondence with George A. Bennett, Paul Fejos, Ralph E. Knutti, Andrew J. Ramsay, and George M. Ritchie [Jefferson Medical College controller]; in the 1953 letters is a copy of the loyalty oath workers had to sign), 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962. (11 folders)

Equipment and travel expenses, 1952-1953, 1953-1954, 1954-1956, 1956-1957, 1957-1958, 1959-1960, 1960, 1961, 1962. (9 folders)

Grant applications, 1951, 1952, 1953, 1954, 1955, 1957. (1 folder)

Progress reports, 1954 and 1955. (1 folder)

1971 (Angel sought support for a symposium on standardizing measurements of dental paleopathology).

Smithsonian Institution Research Awards Program, 1970-1972 (Angel sought funding for his research in health, disease, and paleoecology in adaptation to urbanization, and for his paleopathology seminar series).

SERIES 19. MISCELLANY. 1937-1985. 1.3 ft.

Arranged alphabetically by subject.

This series is composed of those materials which Angel did not maintain under a particular label and which do not fit under one of the existing series. Materials include addresses, correspondence, articles by other authors, equipment catalogues, maps, and newspaper clippings.

Of special interest are the data sheets on which the keys to interpreting the terminology are written, and the materials on burials in the local area.

Box 154

Acquisitions from the local area, 1962-1975 (these are discoveries of burials in the local area which Angel worked on).

Addresses, 1968 (index cards).

Blood type classification dispute, 1960 (includes correspondence between Alexander S. Wiener and William S. Laughlin and reprints of articles, most by Wiener; only one letter is to Angel, dated 12 November from Wiener).

Catalogues,

Anthropometric instruments, 1948-1965.

Biology and medicine, 1948-1967.

Data sheets, used by Angel, n.d. (examples of various data forms used by Angel in his researches; one set has a legend to the various observations and measurements),

Other laboratories, n.d. (examples of data forms and techniques).

Information on people, 1978 (most undated; includes addresses and business cards).

Jivaro project, skull pathology research by William(?) Terry and Paul Tessier, n.d.

Box 155

Maps (most undated; includes part of the plan for the Ocmulgee National Monument and maps to Angel's house).

Miscellaneous papers, 1985 (includes a test from a law class).

Newspaper clippings,

Anthropology and archaeology, 1937-1980 (includes articles on Mediterranean archeology, North American archeology, evolution, and paleoanthropology).

Articles on individuals, 1937-1980 (includes articles on Wendell C. Bennett, Robert Broom, W. Montague Cobb, Rene Dubos, Loren Eiseley, Marvin Harris, Earnest A. Hooton, Arthur Keith, George H. McFadden, George E. Mylonas, Georg Neumann, Alan J.B. Wace, and William W. Howell's review of Carleton Coon's *The origin of races* that appeared in *The New York times* book review).

Forensic, 1970-1981.

General, 1964-1982 (includes articles on the Smithsonian, the federal system, political events, social changes, current events, health, and medical findings).

Skeletal remains, 1974-1982.

Reprint requests, n.d. (a list of people to whom Angel had sent reprints of his articles; see the series on correspondence under reprint requests).

Travel, 1962-1979 (includes information on Angel's travels to professional meetings, to conduct research, and to give lectures).

Box 156

Incoming postcards from people requesting reprints and index cards listing deceased and living researchers and the reprints Angel had sent them.

SERIES 20. PHOTOGRAPHS. 1936-1986. 105 ft. or 33,000 items.

Arranged by format (prints, lantern slides, 2x2 slides, positives, and negatives) and by subject thereunder.

The series includes images of Angel, his family, and colleagues; exhibits in the National Museum of Natural History; materials used in research projects; forensic cases; meetings of professional organizations; sites in the Mediterranean; and skeletal remains.

Of special interest is a 16mm film of Charles M. Goss' excavation at Lerna [box 157], the autopsy of the PUM II mummy, tuberculosis control x-rays from the United States Public Health Service, and slides of the remains of James Smithson.

There is considerable overlap in the subject categories both within and between the different formats. As a result, the same image may appear in more than one format and more than once in each format.

Most of the images were individually labeled by Angel.

Box 157

Personal photographs, early 1960s-early 1980s (two folders; includes prints of Angel, his wife and children, Angel giving lectures, Angel at work, his co-workers at the Smithsonian, and his friends).

Scrapbook, 1949-1957 (includes prints of Angel at work, Anastasios Pantazopoulos [Tasso], skeletal remains from the Mediterranean, Hilel Notkovich [Nathan], Angel's

children, Rodney Young, T.A. Carter, Gorden [last name not given], Sam Kramer, Ellen Kohler, and Dorothy Fox, in oversize).

Miscellany,

Chimpanzee dissections (see the series on reference materials under miscellany).

Male chimpanzee, "Peanuts," n.d.

Male chimpanzee from the National Institutes of Health, n.d.

Excavation at Lerna by Charles M. Goss in 1956 (16mm color film).

Fossil man exhibits, n.d. (black and white prints from an exhibit apparently at the Smithsonian, and color prints of the National Museum of Natural History exhibit on the Regourdou cave site in France).

Maryland quarry trip, July 1963.

Mummy, PUM II (prints from the autopsy; see the series on the Department of Anthropology, Division of Physical Anthropology).

Photographs from Meredith Johnson, the Smithsonian Special Events Officer, 1965-1974 (includes Angel meeting Louis S.B. Leakey, portraits of Katherine Holland and Juan Muniza, Angel measuring skulls, Angel receiving a wood carving from Richard C. Froede, and presentations to Bernice M. Chase and William J. Hall).

William Taylour, 1975.

Yukio Dodo, 1985 (includes Angel and his wife).

Photographs of the people and surrounding geography, n.d. (presumably taken in places where Angel worked although not identified).

Portraits, n.d. (portraits of three people, Joseph B. Morrell, a friend of Frank Bender, and an unidentified man).

Skeleton from Africa, n.d. (United States National Museum number 257,594).

Skeleton from New Mexico, May 1964 (United States National Museum number 314,297; complete skeleton, possibly a priest).

St. Clements Island (Potomac) trip, August 1963. (18 folders)

Box 158

Series on other research projects on bone density changes in old age, 1956-1960 (the sex, race, age, and cause of death are given for some of the cadavers).

Box 159

United States Public Health Service, tuberculosis control x-rays, 24-25 July 1947 (numbers 43753-43786).

Box 160

Skulls (these are undated prints of skulls mounted in folders),

Upper Palaeolithic (includes skulls from North China, Galilee, Rhodesia, France, Belgium, and plates from articles by [A.E.?] Mourant published in the Annals of eugenics; eight folders).

Europe (includes skulls from Italy, Bohemia, Yugoslavia, Thuringia, Carniola, and Iceland; 39 folders).

Modern (includes skulls from Australia, the Philippines, the Riu Kiu Islands, Africa, China, New Guinea, eastern Siberia, Greenland, Hawaii, the Aleutian Islands, and the United States [Massachusetts, Wyoming, and California]; 35 folders). (82 folders)

Box 161

Skeletal remains, n.d. (prints of skeletal remains, mostly skulls),

Asine

Catal Hüyük

Corinth

Cyprus

Early Man (includes prints of skulls from Choukoutien, China; Gatesville, Texas; and Indian Knoll, Kentucky)

Kalenderhane Camii

Kalinkaya

Karatas

Kerameikos

M.E. Hendren's Penobscot Indian skull

Miscellany

Mycenaean

Pathological

Skulls from OA, well 18

St. Brelade

Temporal bones

Various (Angel maintained these prints together; includes prints of skulls from Corinth, Myceanea, and unidentified). (17 folders)

Box 162

Unidentified, n.d. (five folders; these are prints of skulls, most of which are probably duplicates of the prints Angel glued in the folders; they are maintained according to the way Angel had separated them).

Box 163

Lantern slides, n.d. (3.25"x4" glass slides separated by subject dividers; most of the slides are of skulls in the Mediterranean area from different time periods; approximately 100 items).

Box 164

United States (2x2 color slides of forensic cases; sleeved in slide pages; approximately 4500 items),

Northeast, Delaware to New England, 1965-1985

Atlantic, Virginia and Maryland, 1970-1986 (three folders)

Southeast, 1964-1986 (three folders) (five folders)

Box 165

Southeast, second & third folder

Midwest, 1963-1985 (two folders)

West, 1964-1985 (two folders) (five folders)

Box 166

West, second folder

Other, Pacific and Native American, 1968-1985 (two folders)

Colonial United States (2x2 color slides of skeletal remains from various sites; sleeved in slide pages; some are forensic cases; approximately 1125 items),

Seventeenth century, 1970-1982 (these slides are from sites in Virginia, New Mexico, and Rhode Island).

Eighteenth and nineteenth centuries, 1972-1984 (two folders; these slides are from sites in Virginia, Maryland, Georgia, New Jersey, New York, and Louisiana). (six folders)

Box 167

Nineteenth century, 1968-1986 (two folders; these slides are from sites in New York, Mississippi, Maryland, Virginia, Delaware, Louisiana,

North Carolina, Arkansas, Texas, South Carolina, the District of Columbia, Pennsylvania, Minnesota, Ohio, and Florida).

Eastern Mediterranean, Greece, 1965-1979 (three folders; 2x2 color slides sleeved in slide pages; almost all the slides are of skeletal remains from various sites, including some from Italy; there are two slide pages of portraits of people taken in 1977; approximately 750 items).

Anatolia, Kalinkaya and Gordion, 1977-1978 (2x2 color slides of skeletal remains; sleeved in slide pages; includes notes and measurements by Angel on the remains, and his use of them for tables and plates; approximately 180 items).

Istanbul, Kalenderhane Camii, 1977-1979 (2x2 color slides sleeved in slide pages; mostly of skeletal remains, but including some slides of tables, the site plan, maps, and some of the workers at the site in 1978 [including Angel]; includes an early draft of "People of Kalenderhane" by Angel and Sara C. Bisel; approximately 180 items). (seven folders)

Box 168

Slides (approximately 4200 items),

Anatomy, 1961 (most undated),

Anatomy duplicates

Ear, external and middle

Ear, inner

Meiosis

Miscellany, genitalia

Angel, 1978-1984,

Nutrition, skull base, and pelvis (with Lise M. Olney)

Publishing collaborations

Skull base study originals (with Lise M. Olney)

Working in the lab

Early Man, 1958-1984,

Australopithecus

Evolution

Fossil Man

Exhibit and endocasts

Homo erectus and Neandertal

General

Homo erectus

Infantilisation

Mrs. Bay (?)

Neandertal

Germany, Gibraltar, Hotu cave, Czechoslovakia

La Chapelle aux Saints, La Ferrassie, Shanidar

Neandertal

Neandertal sequence

Neandertals and Prezewolski's horses (includes slides of the Smithsonian exhibit on the burial at Regourdou, France)

Petralona,

Petralona

X-rays

Smithsonian exhibit on the Mousterian burial at Regourdou, France.

Box 169

Forensic anthropology, 1965-1986,

Altamonte Springs, Florida, case SH-2-74

American Indian, 1975-1976 (forensic cases)

Animals, miscellany

Blairstown cemetery, New Jersey, 1984, case 21-82-9182

Bolivar, Ohio, 1983, case 31109041

Cause of death

College Park, Maryland, clavicle bullet, 1978, case 78-33 and 78-812

Cremation and cause of death

Exact identification, problems

Facial reconstruction

Forensic cases, general

Identification

Missoula, Montana, 1980, case 8002175

Nasca, Evelyn

Pig versus human bone (burnt), 1983, case 34-83

Post-mortem effects, pseudopathology

Rushmere, James River, Virginia, 1976 case

Box 170

Time since death

United States Army (forensic identifications)

Whitfield, Tanisha (Eglin Military Reservation case 6832, Fort Walton, Florida)

Wingo, Inell Helen (Chillicothe, Ohio case OC-86-75)

Mediterranean, 1965-1984, most undated,

Africa (June McAdams, J. Yellen [?])

Athenian Agora, section BT, burials 1, 2, 3 (from Peter Burns [?])

Bone pathology, Cyprus, pelvis

Corinth, Argos

Duplicates

Catal Huyuk, Karatas, Athens Agora

Franchthi cave

General

Greece

Skulls, chronological change

Social biology

Type skulls,

A-B

C

B-D

D-E-F

G (living)

Hotu, Iran

Kalenderhane

Box 171

Karatas, Kalinkaya

Miscellany

Greece

Greece

Asine

Culture and people

Excavated house and burials

Lerna

Miscellany

"Slides to be sent to archaeologists"

Trojans

Turkey, geography

Wadi Kubbaniya

Miscellany, 1967-1984,

American Association of Physical Anthropologists, 1984 meeting in Philadelphia

Archaeological Institute of America exhibit, 1985 (one slide of Angel)

Autopsy of baby, 74-ML-83

Brain size, Weidenreich

Circus ("June McAdams, J. Yellen")

Farewell party for Susanne Berger

Inauguration of Robert McCormick Adams as Secretary of the Smithsonian Institution, 1984

Lecture, current

Lecture to associates, 7 May 1985

Leimer x-rays

Maps

Mummy, PUM II (see the series on the Department of Anthropology, Division of Physical Anthropology),

Mummy, PUM II

Box 172

Cartonnage, 19 June 1984

X-rays

1957 data

San Diego Museum of Man,

Slide set I, trephined skulls

Slide set II, pathologies from the Hrdlička collection

Siamang, external details

Somatotypes, Sheldon

State University of New York, Plattsburgh, 1982 (see the series on professional organizations and meetings)

Taken from publications

Research, 1964-1985, most undated,

Hybrid dogs (see the series on other research projects)

Obesity (see the series on the anthropology of chronic disease),

Age change, variants

Aging in the obese

Tables and genetics

Variants

Ramus inversion (see the series on other research projects)

Temporomandibular joint,

Diagrams, photographs

Tables

Varicose (see the series on the anthropology of chronic disease)

Box 173

Seminole Indians, 1936-1967 (includes slides of Big Cypress school and camp, and of some Papago).

Skeletal biology, 1966-1985,

Age, bone formation

Aging accuracy

Box 174

Animal bones

Armor site, Virginia (see the series on other research projects)

Bone response to stress

Bone response to stress, posture and gait

Cape Cod Indians, Eastham, Massachusetts

Colonial Williamsburg

Demography and health

Ecology,

 Environment and food supply

 Health and disease

First African Baptist Church (see the series on the First African Baptist Church)

Governor's Land, Virginia (see the series on other research projects)

Growth, modern slides

Growth, glass slides

Healed fractures (pathology)

Healed injuries and fractures

Human genetics

Irene Mound, Savannah, Georgia

Lochlea Farm

Marks of occupation

Box 175

Martin's Hundred

Miscellany,

 Age changes in the skull

 Bones

 Age determination, ossification

 X-rays and microstructure

 Genetics

 Growth at adolescence

Paleopathology

Pelvic bones

Paleodemography

Paleopathology, abnormal hemoglobins

Pathology, rickets and anterior and posterior crest on humeri

Pathology in life 1

Pathology in life 2

Pelvic sex differences, suture closure

Pelvis and nutrition

Prehistoric nutrition and health

Porotic hyperostosis

Race

Race (Coon, etc.)

Race, skulls, world

Box 176

Race variations, Hooton

Race, world variation, individuals, living

Skull and skeleton structure and individual variation standards

Skull variation, evolution

Stature

Stays

Teeth 1

Teeth 2

Trephination

White race variants, Coon

Box 177A

(Mostly color slides that are individually labeled; slides are mostly of skeletal remains, but include some of the people, culture, ecology, and geography of the area; approximately 8200 items).

Mediterranean,

Anatolia and Karatas 1964-1980.

Anatolia and Egypt, 1962-1979 (includes slides of the PUM II mummy and the mummy case in the United States National Museum; see the series on the Department of Anthropology, Division of Physical Anthropology).

Africa, Anatolia, American Indian, Southwestern United States, Virgin Islands 1963-1975 (the American Indian slides are of forensic cases; includes slides from the Tranquillity site; Prentice Bar, Mississippi; Lothagam remains; and portraits of people in the eastern Mediterranean).

Mouth, nose, eye, healed skulls, expressions, chewing 1951-1980 (includes slides of autopsies and an exhibition on mammals at the Field Museum of Natural History; almost all the slides are of illustrations, possibly prepared for anatomical lectures).

Greece, excavations, culture, geography, ecology, 1938-1967.

Box 177B

Greece, Corinth, Athens, Lerna, 1948-1975.

Cyprus, Northeastern Greece, Aegean, Anatolia, maps 1949-1972.

Argolis and Corinth, 1965-1975.

Anthropology, chronic disease, Greek, evolution, populations, ecology, social biology,

Bone pathology, area and disease, 1958-1976 (includes slides apparently from Stanley Rhine)

Greece, skull change and types, and pathology, 1959-1976 (**see also Box 178C Oversize**)

Bone, growth and age, stress, 1963-1980 (includes slides of the Terry collection, and from some FBI forensic cases [under "Structure to resist stress" and "Response to extra stress" dividers]).

Box 178A

Identification of skeletal remains, 1966-1983 (includes slides of forensic cases)

Demography, 1964-1984 (under the "Restoration" divider are slides of an FBI forensic case)

Ecology and disease, 1962-1984

Primates, 1960-1970

Fossil man, Hotu, Europe, 1960-1980

Box 178B

Skeletal,

Extremities, 1959-1985 (mostly slides of illustrations)

Injuries, cremation, preservation, occupation, cause of death, animals, 1964-1983 (most of the slides are of forensic cases)

Skull change, temporomandibular joint, evolutionary, 1963-1979 (most of the slides are of forensic cases)

Skull, dental, pathology, 1960-1984 (many of the slides are of forensic cases)

Evolution, 1959-1973 (many of the slides are of illustrations)

Box 178C Oversize

Greece, skull change and types, and pathology, 1959-1976

Box 179A

Skeletal,

Prehistory, 1959-1979

Skeletal standards, 1963-1979 (many of the slides are of forensic cases)

Palaeopathology and pathology, 1963-1983 (some slides are of forensic cases)

Gross anatomy and physical anthropology,

Central nervous system cranial nerves, 1953-1982 (most of the slides are of illustrations)

United States of America, colonial and later, 1968-1980 (includes slides of the remains of James Smithson [see the series on reference materials], some forensic cases, and remains Angel identified for the United States Army and Navy)

Box 179B

Lymphatics, neck, ear, 1958-1959 (most of the slides are of illustrations)

Trunk, 1959-1984 (most of the slides are of illustrations)

White race, skulls, living, unknown people, 1964-1986 (includes slides of some forensic cases)

Race, 1962-1976

Box 180

Genetics, 1958-1970 (most of the slides are of illustrations)

Growth, aging, constitution, body modifications, 1958-1985

Catal Huyuk, Ingiliz Arkeoloji Enst., James Mellaart, 1965-1983 (includes slides of a Detroit meeting [Paleopathology Association(?)] in 1978 that include T. Aidan Cockburn and a mummy of a child, and of an exhibit in the Smithsonian on the Regourdou cave burials).

No label, 1964-1983 (includes slides of forensic cases, Angel measuring skulls, and a 1973 Detroit meeting [Wayne State University seminar on Egypt (?)]).

Storage duplicates, 1965-1980 (includes slides of forensic cases and the Terry collection).

Mycenaean culture, 1965-1979.

Living D.C., 1963-1985 (includes slides of Angel, sights and events in the D.C. area, Walter Putschar and wife, people in the Division of Physical Anthropology, the funeral procession of President Lyndon B. Johnson, Angel's wedding, Lise M. Olney, Jennifer O. Kelley, Sara C. Bisel, and Angel's children).

Primates from Jay H. Matternes, 1968-1980.

Box 181A & 181B Oversize Slides

Race, 1962-1976

Box 182

Postives, black and white:

Macedonia, n.d. (living people, tabulated data, the culture and geography, and facial reconstructions).

Greek skulls, n.d. (the skull prints mounted in the folders).

Anthropology of chronic disease, n.d. (participants and projective drawings).

Anatomical, n.d. (anatomical drawings).

Bone pathologies, n.d.

Miscellany, n.d. (dog skulls and a print of Rudolf Virchow).

Box 183

Negatives:

Leica boxes (each of these metal boxes is divided into 25 compartments for storage of rolled 35 mm negative films; the topics are taken from labels on the boxes and most of the place names refer to skeletal material).

Box 1, films 1-25 (topics include Eastham, Cambridge, Petersham, experimental skulls, liner, Zurich, Lausanne, before Milan, and the Po plain).

Box 2, films 26-50 (topics include Yugoslavia, Athens, Argolis, Parthenon, Corinth, experimental skulls, Parnes, Delphi, Livadia, Thorikos, Attica, Sounion, Athens wedding, skeletal material, and Daphne).

Box 3, films 51-75 (topics include Mycenae Olympia, Byzantine and Roman Corinth, Akrocorinth, and Byzantine Corinth).

Box 4, films 76-100 (topics include skeletal material, railroad journey from Athens north, Macedonia, Thessalonika, Olynthus, living Greeks, Athens, Corinth, Bourtsi, and Asine).

Box 5, films 101-125 (topics include Corinth, Peiroeus, Istanbul, Troy, Sidon, Nippur, Babakur, Athens, Cephallenia, Epidaurus, and Boeotia).

Box 6, films 126-150 (topics include Boeotia, Corinth, Athens, Eleusis, Phaleron, Kouyara, Acropolis, Thebes, and Attica).

Box 7, films 151-175 (topics include skeletal material, living, Mount Kithaeron, boat, leaving Athens, Naples, Genoa, Coney Island, Cambridge, Gloucester, New Jersey, Connie's wedding, Corinth at Smithsonian, and the American Museum of Natural History).

Box 8, films 176-200 (topics include Cambridge, S. Egremont, Tanglewood, summer 1939, Petersham, Cyprus, Troy, Hanaitepe, Menidi, Asine vases, Alighar, Kish, Al-Ubaid, Rome, Etruscans, Rhineland, Piraeus, Leukas, Dr. Koukouritis, Chalcolithic Bulgarian, Magdalenska Gora, Tangier Neolithic, and a gorilla skeleton).

Box 184

Box 9, films 201-225 (topics include Magdalenska Gora and Tangier).

Box 10, films 226-250, 1942-1945[?] (topics include family outings, Angel in his Ph.D. graduation gown, the Peabody Museum, a Greenland Eskimo, an Aleut, the Riu Kiu Islands [Japanese], American Indians, E. Siberia, family photographs, the University of California Museum of Anthropology, Etruria, Chinese, Early Man and ancestors, Hawaii, Egypt, the Tranquillity site, and the Pennsylvania University Museum).

Box 11, films 251-275, 1946[?]-1949 (topics include family photographs, the University Museum, and Eastham).

Box 12, films 276-300, 1949-1951 (topics include Italy, Greece, Cyprus, Nicosia, Attica, Athens Agora, Anastasios Pantazopoulos [Tasso], the Loutsia trip, the Kaki Thalassa trip, the festival of Hagia Marina, beaches, England, the Kensington Gardens, Eastham, family photographs, Valley Forge, Coldspring Harbor, and Philadelphia).

Box 13, films 301-325, 1952-1955 (topics include Valley Forge and family photographs).

Box 185

35 mm strip negatives:

General,

Angel, 1937-1963 (negatives of Angel and his family, and from trips they took).

Mediterranean, n.d. (includes negatives of maps, tables, and living people).

Human evolution, n.d.

Primates, n.d., 1963 (includes negatives of a chimpanzee dissection; see the series on reference materials under miscellany).

Anatomical, n.d.

Miscellany, 1955-1968 (includes negatives from Carleton Coon, the physical anthropology staff at the Smithsonian, various individuals, and a demonstration at the 1955 American Association of Physical Anthropologists meeting).

Skeletal remains:

Africa

Aigina, n.d. (Aigion?)

Alaska, Umniak Island, n.d.

Almyros, n.d. (Almiros?)

Animal versus human (includes forensic cases from Wyoming, Kentucky, and Virginia)

California

Lower California, n.d.

Ponce Mound, 1975

Sacramento Valley, n.d.

Catal Hüyük, n.d.

China, Shang dynasty, n.d.

Chorseia, n.d.

Colorado, Canon of the Rio Grande, 1976

Corinth, n.d.

Crete, Gournia, n.d.

Delaware, Bomers, 1978

Early Man, ?-1975 (includes remains from Gibraltar; Petralona cave; Dara-I-Kur, Afghanistan; Olduvai gorge; La Chapelle aux Saints; La Ferrassie; Zinjanthropus; Shanidar; Choukoutein; Wadi Or; Pho-Binh-Gia skull; Niah skull; Liukiang skull; Smithsonian exhibit on fossil man; Lothagam)

Egypt, n.d.

England, Northumberland, 1973

Eretria, n.d.

Franchthi Cave, n.d.

Georgia, Irene Mound, Savannah, 1978-1979

Gordion, n.d.

Greece, n.d. (includes material from Lerna and plates of remains from Lerna and Mycenae)

Indiana, Lake James, 1975 (forensic case)

Iran, Hotu cave, n.d. (includes negatives of remains from Belt cave, Iran)

Iraq, Jarmo, n.d.

Israel, Meggido, n.d.

Box 186

Italy, Cosa, McCann excavation, 1975

Kentucky, Indian Knoll, n.d.

Kocumbeii, n.d.

Laukos, n.d.

Leonidi, n.d.

Maryland,

Accokeek, 1961

Adamstown, Amelving(?) Mansion Glassworks, 1970 and 1975

Arnold Point, Severn River, 1980 (forensic case)

Bel Air

1974 (forensic case)

1976 (forensic case)

Bethesda, 1981 (forensic case[?])

Bird River Beach Road, 1965

Davidsonville, n.d.

Deep River, 1975

Easton, 1974 (forensic case)

Gaithersburg

1975 (forensic case)

Flower Hill, 1983

Governor's Bridge, n.d.

Maddox, 1978

Oaks site, 1980

Ocean City, 1963

Owings, 1978 (forensic case)

Port Tobacco, 1975

Sandy Springs, 1975 (forensic case[?])

Texas, Campbell's quarry, 1975 (forensic case)

Tracy's Landing, Lochlea Farm, 1973

W&L Parking lot, 1963

Wheaton, 1965 (forensic case)

Mediterranean, miscellaneous, n.d.

Miscellany, n.d.

Mississippi:

Hattiesburg, 1976 (forensic case)

Jaketown site, 1975

Vicksburg, n.d.

Montana, Little Big Horn battlefield, 1976

Mummy, PUM II, n.d. (see the series on the Department of Anthropology,
Division of Physical Anthropology)

Mycenae, n.d.

New Britain, n.d.

New Jersey, Belmar, 1966 (forensic case)

New Mexico, Hawikuh, n.d.

New York:

Albion, 1975 (forensic case)

West Point, 1976

North Carolina:

Swansboro, 1975

Tarboro, 1976

Pagnik Oreni, n.d.

Paros, n.d.

Pathology, 1965- (includes remains from Mexico, Peru, the Terry collection, Jordan, the National Museum of Natural History, Cyprus, and Florida)

Pelion, n.d.

Peneios Valley, n.d.

Poland, Nowosiolka, n.d.

Portaria, n.d.

Rhode Island, Newport, Quaker Meeting House, 1979

South Carolina, 1975

Terry collection, St. Louis, Missouri, 1973-1974

Texas:

Fleet Top Mountain, 1983

Fort Brown, 1976

Fort Concho, 1976

Fort Stockton, 1976

United States National Museum 364,960

Trikeri, n.d.

Tripolis, n.d.

Virginia (two folders):

Alexandria, Wellington Farm, 1973

Armor site, 1976

Barboursville, 1979

Burke Lake Cluster

1975 (forensic case)

1976 (forensic case)

Carter's Grove, 1976, 1978, 1979, 1982

Centreville, 1979

Clifts Plantation, 1977

College Landing, 1976

Colonial Heights, 1974 (forensic case)

Elm Hillside, Meckenburg county, n.d.

Fairfax, 1980 (forensic case)

Fairfax City, 1979 (forensic case)

Fairfax Station, 1979 (forensic case)

Flowerdew site, 1975-1976

Hand site, Nottoway River, 1968

Kirkside, 1965

McLean, 1963

Petersburg, 1975

Portsmouth, 1973 (forensic case)

Rocky Run Park, 1975 (forensic case)

Rushmere, 1976

Snowden, 1976 (forensic case)

Spotsylvania battlefield, 1976

Urbanna Creek, 1976

Utopia site, 1976

Wilderness battlefield, 1976

Yorktown, 1977

Washington, Spokane, 1975 (forensic case)

West Aden Protectorate, Wadi Beihan, n.d.

West Indies, Grenada, 1975

Wyoming, Fort Laramie, 1976

Box 187

Forensic cases (skeletal remains), 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975.

Box 188

1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983 (includes scenes from the physical anthropology laboratory), 1984, 1985, 1986.

Box 189 (RESTRICTED)

Research (see the series on the anthropology of chronic disease):

Obesity, n.d.

Obesity repeats, 1954-1956

Obesity, miscellany, n.d. (includes obesity controls and family studies)

Varicose, n.d.

Arthritis, n.d.

Overdevelopment, n.d.

Underdevelopment, n.d.

Developmental disturbance, n.d.

Brachydactyly, n.d.

Hemophiliac, 1944

Skin disease, n.d.

Miscellany, 1944-1962 (includes negatives of various people who helped with the research, the anatomy laboratory at the University of Wisconsin, and Angel's father[?]).

Box 190 (RESTRICTED)

Hypothyroid, n.d.

Hyperthyroid, n.d.

Hypertension, n.d.

Jefferson Medical College, 1963, 1963, repeats, 1964, 1964, repeats, 1965, 1965, pictures printed and not printed

Philadelphia Electric, n.d.

ITALE, n.d.

Controls, n.d.

Femur neck sections, 1956-1959

Bone density changes in old age, 1956-1961 (see the series on other research projects)

Jaw ramus study, 1985

Box 191

Rolled 35mm negatives:

Dog skulls, n.d. (six boxes (see the series on other research projects)).

Box 192

Personal, 1948-1962 (includes negatives of Angel, his family, trips, events, and holidays).

Box 193 (RESTRICTED)

Professional meetings, 1956-1959 (negatives from American Association of Physical Anthropologist meetings and a Council for World Archaeology meeting).

Forensic cases, 1986.

Anthropology of chronic disease, 1945-1956 (negatives on obesity and varicose studies).

Research in the Mediterranean, 1945-1954 (includes negatives of the skeletal remains, culture, and tabulated data from Cephallenia, Cyprus, Troy, Greece, and Hotu; several of the negatives from Greece have to do with Angel's publications).

Box 194

Research in the Mediterranean, Greece and Hotu.

Miscellaneous, 1958-1961 (many of these negatives apparently were used to illustrate lectures or presentations; topics include human genetics, evolution, anatomy drawings, ear, and St. Brelade).

Miscellaneous, continued (face structure changes, pelvis, mandibles, facial expression, bone pathology, infant with one ventricle, Dr. Baker's x-ray apparatus, age change in Daniel Baugh Institute skulls, Rudolf Virchow, and Bushmen).

Box 195

Flat negatives.

Portraits of living Greeks, n.d.

Skulls, n.d. (negatives of the prints mounted in folders; Aleutian Islands, American Indians, California, China, Egypt, Eskimo [Greenland], France, Hawaii, Italy, Japanese, Philippine Islands, Siberian).

Greek skulls (negatives of the prints mounted in folders).

Map and tables, n.d.

Gabriel Lasker negative, 1955?

Box 196

Miscellaneous personal papers; research in Eastern Mediterranean; writings; legal matters. Oversized.

Box 197

Miscellaneous reference materials; photos; scrapbook. Oversized.

SERIES 21. AUDIO TAPES, NEGATIVES, MISCELLANEOUS PAPERS, JOHN LAWRENCE ANGEL OBITUARY

The boxes below were found in 1998 in the Angel collection and the information appended to the original finding aid. Listed below are audio tapes of a conference, "How Humans Adapt: A Biocultural Odyssey," conducted at the Museum of Natural History; several boxes of negatives; one box of material on "Health and Civilization," including tables; Angel's obituary; and miscellaneous papers found in Angel's office.

Box 198

Audio Tapes: How Humans Adapt: A Biocultural Odyssey.

Part I: 11/8/81-Baird Aud.-Sec. Ripley; Sen. Fulbright; Rene Dubois.

Part II: 11/8/81-Baird Aud.-Rene Dubois; Sec. Ripley.

Tape one/side one: 11/9/81-Gallery Theatre/NHB-Welcome/ Toulmin, Dillon.

Tape two/side one: 11/9/81-Gallery Theatre/NHB-Cavalli-Sforea, Batesman.

Tape two/side two: 11/9/81-Gallery Theatre/NHB-Eisenberg, Ordner

Tape three/side one: 11/9/81-Gallery Theatre/NHB-Ordner cont., Discussion

Tape four/side one: 11/9/81-Gallery Theatre/NHB-Masters, Cohen, Neel, Chagnon

Tape five/side one: 11/9/81-Gallery Theatre/NHB-Chagnon, Discussion

Tape six/side one: 11/9/81-Gallery Theatre/NHB-Angel, Wertime, Hassan

Tape one/side one: 11/9/81-Baird Aud., 8:30 pm, The Environment of the City
Tape one/side two: 11/9/81-Baird Aud., 8:30 pm, The Environment of the City cont. (2 copies)

Tape one/side one: 11/10/81-Gallery Theatre/NHB-Haskins, Lancaster, Behrensmeyer

Tape two/side one: 11/10/81-Gallery Theatre/NHB-Meggers, Ewers, Masters, Open Discussion

Tape three/side one: 11/10/81-Gallery Theatre/NHB-Discussion of Briggs and Ayensu Essays

Tape three/side two: 11/10/81-Gallery Theatre/NHB-Ayensu cont.

Tape four/side one: 11/10/81-Gallery Theatre/NHB-Carstairs-Davis, deGroot
Tape five/side one: 11/10/81-Gallery Theatre/NHB-Scrimshaw-Davis, deGroot cont.

Tape six/side one: 11/10/81-Gallery Theatre/NHB-Scrimshaw cont., Cassidy, Smith

Tape seven/side one: 11/10/81-Gallery Theatre/NHB-Cassidy, Smith cont., McNicoll-Nag, Angel, Chagnon

Tape seven/side two: 11/10/81-Gallery Theatre/NHB-Open Discussion cont.

Box 199

Tapes: How Humans Adapt: A Biocultural Odyssey (cont.)

Tape one/side one: 11/11/81-Gallery Theatre/NHB-Laslett, Reingold, Cohen-Discussion

Tape two/side one: 11/11/81-Gallery Theatre/NHB-Boulding, Beckerman, Wiercinski

Tape three/side one: 11/11/81-Gallery Theatre/NHB-Barnet, Bassing-Open Discussion

Tape Four/side one: 11/11/81-Gallery Theatre/NHB-Open Discussion cont., Passmore, Wartofsky

Tape five/side one 11/11/81-Gallery Theatre/NHB-Wartofsky cont., Torre Gustafson

Tape six/side one: 11/11/81-Gallery Theatre/NHB-Gustafson, Branson, Beckerman

Tape seven/side one: 11/11/81-Gallery Theatre/NHB-Midgely, Thompson, Wartofsky

Tape seven/side two: 11/11/81-vGallery Theatre/NHB-Midgely Comments

Tape: How Humans Adapt-A Biocultural Odyssey

Part I-1/12/81-Regents Room

Part II-11/12/81-Regents Room

Part III-11/12/81-Regents Room

Part IV-11/12/81-Regents Room

Tape 1-11/11/81-Misc.

Box 200

Negatives (These films had been stored in a DuPont Defender box.)

AA 81-86, 88-94

AA 31-33, 35-38, 40-42, 43c, 45a, 45b, 46, 48-51, 54b, 57, 59-61, 64, 69-73, 76-77

APA 2-8, 10, 11, 15, 24-33, 35, 36

AAaM 301-304, 306, 307, 309, 314, 316, 317

Man-Romantic period, skulls 1-4, 6-9, 11-14. KO 1, 6, 7, 9-11, 13-17, 19, 23

MEG 1, 5-9, 11-18, 20

APM 261, 263-267, 269, 272-278, 280-282, 285, 286, 288, 289

AK 135, 136, 145, 146, 148; Laureion 1, 2. APA 73 AK, 98 AK, 101 AK, 109 AK, 110 AK, 112 AK, 113 AK, 115 AK, 121 AK, 122 AK, 124, 125, 132-134 AK

APR 201AP-243AP

APA 91AP-94AP, 96AP, 34, 37, 38, 1, 40AP, 20, d-98, 159AK, 160AK

Box 201

(Also stored in a Dupont box.)

Ler 12, 57, 138, 212, 46, 229, 230, 149, 128, 240

Ler 23, 33&43, 33, 40, 50, 42, 45, 48, 52, 56, 63, 69, 70, 76, 79, 88, 97, 99, 123, 125, 125 (pelvis), 123, 126

Ler 127 (pelvis), 127 (ankle), 128, 129 (left foot), 129 (pubic), 137-140, 146, 173-174, 178 (pelvis), 178 (foot), 181, 182, 185, 189, 193, 195, 196-198, 201, 207, 211, 212, 214, 221, 225, 237, 238, 240

PY 31, 1, 2, 4, 6, 21, 22, 26 (before cleaning), 26 (after cleaning), 31, 32, 33, 53, 57, 63, 64, 66, 70, 71, 72, 73, 74, 76, 77, 78, 80-82, 84, 85, 87, 89, 90, 93, 95, 97-101, 103-107, 51, 52, 109-113, Peabody Museum, Harvard University

NN 1, 5 (vertebrae), 5 (feet), 5 (three strips), 5NN-6NN, 8, 21 (vertebrae), 21 (foot), 22, 24, 27, 30, 31, 47, 54, 66, 102, 6, 7, 15, 23 (vertebrae), 23 (pelvis), 25, 26, 29, 32

NN 1, 8, 21, 22, 5, 27, 28

NNM 1, 2, 3, 4, NN 6, 7, 11, 25, 26, 15, 23

Ler 10, 1, 2, 18, 19, 66, 69, 72, 33, 40, 43, 217, 95, 82, 83, 87, 88, 89, 91, 115, 125, 127, 129, 131, 132, 140, 174, 238, 239, 175, 181, 185, 189, 198, 145, 20, 23, 28, 48, 50, 52

C 318, 319, 320, 321, 323, 324, 325, 326

Sot 35, 4, 5, 8, 9cs, 10, 11cs, 11cs (with strobe), v2, 47CKH, Burial 9, 10, 9 (jaw&teeth), Burial 12, Burial 11, 11cs (jaw), 5, 3, 4, 5, 3, 40Car, 1Kl, 1 Dio

S. Cyprus CCB-19 strips

Pavlos' House, 82Ler, 239 Ler (rejected version, 208 Ler, 66 Py (incorrect restoration), 137 Ler (incorrect restoration), 2 Ler "Before," 69AA Reject, 61AA Reject, 70 AA

Reject, 159 AA "Before", 240 AA-incomplete

CKA 1, 2 (teeth), 2-25, 27-30, 34, 3a, 36-44,45, 46, 48, 50

Box 202

Ler 31, 59, 3, 13, 38, 42, 56, 207, 208, 213, 92, 97, 126, 137, 139, 178, 182, 200, 192, 146, 45, 16, 55, 98, 103, 176, 203, 193

Ler 237, 220

KC 129, 83, 85, 74, 113, 12, 57

KC 2, 3, 11, 17, 21, 22, 27, 31, 33a, 35, 42, 46, 48, 60, 64, 68, 69, 73, 81, 102, 111, 121

Myc 142, 143, 145, 147

Ka 2, 3, 8, 39, 16, 39, 40, 41, 57(2), 59, 61, 68, 73, 81, 82, 86, 87, 91(2), 92, 93, 93 (Burial), 94, 100, 103, 105 (teeth), 105 (skull), 108, 113, 115, 117, 127, 133, 137, 152, 157 (skull), 157 (sacroiliac), 158, 163 (skull), 163(?), 164(2), 165, 169, 171 (skull), 171 (l. ilium), 173, 174, 178, 179 (skull), 179 (pelvis), 181, 182, 184, 185 (skull) 185 (Burial), 186, 189(2), 192 (skull), 192 (l. forearm), 197, 198, 199, 201, 202, 203, 204, 207, 209, 215, 216, 223, 240, 241, 248, 248, 257, 258, 259, 260, 261, 263-4, 269, 276, 277, 283, 294, 295, 296

Ka 180, 303, 180, 386, (91,386,407,416), 151, 336, (505, 406, 523), 59, 61, 72, 94, (304, 381), 406, 280, 409, 461, 503, 523, 545, KK 4 and 12, 11KK

NN 4, 13, 14, 17, 43-44, 97, 2, 62, Ler 24, 43, Lerna Previews

NN 2, 3, 4, 9, 10, 13, 14, 16, 17, 18, 19, 20

Kea 44, 53, 66, 67, 73, 74, 79, 80, 82, 85, 91, 96, 98, 99, 100, 103, 104, 105, 106, (108, 110), 117, 119, 1, 10, 14, 15, 22, 25, 27, 36, 9, 17, 21, 12, 29, 68, 5, 71, 68

Package marked "redo-otherwise not in scale" 203 AK, 132 Mye, 313 C, 287 Ka, (521, 502, 438 Ka), 416 Ka, 288 AA, 314 AA, 165 Ka, 130 Ka, 94 KC, 72 Kc, 62 Mye, 59

Ak, 54 Kc, 51-52 Mye, S.Cyprus, 32 Kc, 8 AAaM, 10 AAaM, 438 Ka, (345, 461, 192, 409, 444 Ka), 133 Mye, 522 Ka(2)

AA 102, 104-107, 109-115, 118-124, 134, 136-148, 150, 154, 156-164, 166, 171, 179, 101, 125, 126, 165, 168-170, 172, 178, 180

AA 183-188, 190, 192-224, 235, 237, 238, 240, 242-250, 274(2), 284

Mye 54, 61, 68, 133, 66,66a, 131, 132, 53, 59, 66, 70a, 67, 78, 80, 81, 135, 141, 128, 64

Box 203

AA 13, 27, 30(2), 35, 19, 40, 41, 101, 61, 103, 104, 105(2), 106, 107, 113, 114(2), 114a, 115, 118, 120, 125, 126 (pelvis), 126 (foot), 134 (pelvis), 134 (skull), 142, 143, 145a, 148, 155, 157, 160, 162, 182, 189, 200, 215, 235, 250 (Arthritis), 250 (knee), 250 (femora)

Eleusis previews,(El 23,29,28), El 35, 37, 39 (skull), 39 (pelvis), 38 (pelvis), 38 (skull), 41, 42, 43, 44, 16, 17, 22, 36, 31-33, 21, 32-34, 29 (geometric lady), 29 (hand), 29 (skull), 29 (pelvis), 45

AK 247, 205, 126, 202, 201, 207, 22, 152, 158, 154, 156, 155

AA 53, 54a, 173, 182, 275, 278, 279, 281, 282, 284(2), 285, 286

Cor 38, 39. 41, 197, 198

BMNH 6, 11, 10

HK 32, 34, 36, 38, 31, 33, 35, 7Ba, 162 Ak, 164 Ap, 169 Ap, 163 Ap, 166 Ap, 168 Ap, AA 78, 79, 80, 95, AA and Eleuses, Physical anthropology laboratory, ancient skeletal material in boxes, 12 slides "Races of Europe," misc. film.

Box 204

Folder Marked Table and Graphs-extra copies (multiple copies)

Check list for tables and graphs-Health and Civilization

Table 2-17

Folder Marked "Health and Civilization Tables"

Drawing of Skull

Five Table worksheets, four table outlines (not filled in)

Two sets of graphs

Folder Marked "JLAngel"

Physical Anthropology

Folder: J. O. Kelly-My copy of H&C

Health and Civilization table listing

Table 1-Chronological Change in Human Diseases as related to Environmental and Cultural Change

Table 2-Percent Distribution of Deaths by Sex

Table 3-Longevity by Sex

Table 4-Indicators of Mortality

Table 5-Fecundity, Fertility and Population Per Female

Table 6-Diet and Ecology

Table 7-Chronological Changes in Health Indicators

Table 8-Environmental & Nutritional Health

Table 9-Porotic Hyperostosis: Sign of Anemia

Table 10-Relative Variability and Movements of People

Table 11-Psycho-Social Health

Table 12-Chronological Change in Posture and Gait

Table 13-Chronological Change in Strength, Height, and Angulation of Mouth Components Related to Teeth Wear

Table 14-Chronological Variation in Form, Proportions, Morphology and Tooth Details

Table 15-Microevolutionary Selection

Table 16-Social Class Differences in Middle Bronze Age Greece

Clipped together-Tables and graphs

Various work papers

Early Colonial skeletons at Carter's Grove (marked "Never Published") (see Box 120, 1979 Folder [similar])

Copies of tables listed above, clipped together

Handwritten worksheets of tables

Various hand written and typed worksheets

Table B-Male Skulls

Table A-Male Skeletons

Notice of receipt of the manuscript entitled "Maternal mortality in PreColumbian Indians of Arica, Chile" from *American Journal of Physical Anthropology*

Handwritten work papers

Printout Folder-Terry Collection Computerized by Prof. Sommer, Penn State (Marked J L. Angel & J.O. Kelley)

Envelope "Terry Collection's Computer Printouts"-update: Dec. 1983-gift of Joe Sommer, Mech. Eng. Penn State

Box 205

Envelope marked "Negatives" contains: letter to J. Lawrence Angel from Patrick re Catoctin Furnace; note pad; order for negatives; copy of Lead in Bone II: Skeletal-Lead Content as an Indicator of Lifetime Lead Ingestion and the Social Correlates in an Archaeological Population.

Folder marked "JLA Obituary" contains: two letters to Dr. Jane Buikstra from Donald J. Ortner re obituary; handwritten notes re obituary; "The Cultural Ecology of General Versus Dental Health" by J. Lawrence Angel; letter to Miss Kelly; photocopy of an index; photocopy of one page of "Joint Study of Biological and Cultural Variations in Dalmatian Village Populations:"; Envelope containing: letter from Donald J. Ortner to Dr. H.Russell Bernard with copy of publications list; "Anthropology and the World Revolution"; handwritten notes; publication "Human Biological changes in ancient Greece, with special reference to Lerna"; copy of "Selected Papers of the Fifth International Congress of

Anthropological and Ethnological Sciences"; final changes to the paper on J. Lawrence Angel prepared for the *American Anthropologist*.

Folder marked "General Info on Computer Input for 5-generational study"

Letter from Archaeology with unpublished draft of *What can ancient human skeletons tell us about health and lifestyle?*

Folder-JLA Symposium, AAA Nov. 1987 Chicago

Envelope containing request for slides (incl. slides and negs). Envelope contains copy of letter from Mrs. Angel, negs and prints. Final JLA Obituary. Four copies of

Contemporary Trends and Future Directions in Human Osteology. Copy of Health as a Crucial Factor in the Changes from Hunting to Developed Farming in the Eastern Mediterranean.

Various photocopies.

Copy of *Classical Archaeology and the Anthropological Approach*.

Copy of *Early man's adaptation to disease*.

Planning papers and abstracts for JLA Symposium.

Box 206

327 sleeves of misc. 35 mm film strips found with final papers from office of John Lawrence Angel.

[End]