

Accession No.: 81-18

**PROCESSING RECORD**  
**SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES**

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**Hubbs, Carl Leavitt 1894-1979**

**Carl Leavitt Hubbs Papers, 1920-1979**

**PHYSICAL DESCRIPTION:** 276 boxes, digital video, slides (258 mss, 1/2 mss, 1/2 Lmss, 13 shoe boxes, 3 oversize)

**DESCRIPTION:** Papers of Carl Leavitt Hubbs documenting his research in ichthyology, zoology, natural history, conservation, taxonomy, archaeology & paleoclimatology. The marine life series documents marine mammals & fish, arranged taxonomically. Includes photographs & films.

The Hubbs Papers include correspondence, field notes, manuscripts, photographs, films, slides, audio tape recordings, newspaper clippings, data, references and other files generated by Carl Leavitt Hubbs, his wife and colleague Laura Clark Hubbs, his assistants and graduate students. The files include some personal and family material such as letters, photographs, and genealogical information, but consist predominantly of material documenting Carl Leavitt Hubbs' work as a naturalist and ichthyologist. Inclusive dates are 1860-1989, but the collection primarily consists of 1944-1979 material, the years that Hubbs worked at the Scripps Institution of Oceanography. Small quantities of material dated 1929-1944 document the years Hubbs spent at the Museum of Zoology at the University of Michigan. The collection contains material dated after Hubbs' death in 1979, representing work begun by Hubbs but completed by his colleagues, including Laura Clark Hubbs, Robert Rush Miller, Robert Wisner and others.

The Hubbs Papers include the papers of individuals that Carl Leavitt Hubbs acquired over the years. For instance, when Hubbs arrived at SIO in 1944, he met Francis Bertody Sumner, who was retiring after a long career as a biologist at Scripps. After Sumner's death in 1945, Hubbs disposed of Sumner's field notes and personal papers, but kept some material pertinent to his own research. For instance, Hubbs retained a field notebook entitled "F.B. Sumner Scripps Institution, La Jolla, California, Field Notes, 1939-1941" and added it to his papers in the Marine Life Series under the heading "Fishes: Western North America Freshwater, Localities: Great Basin, White River." Hubbs acquired some letters of Carl H. Eigenmann and Rosa Smith Eigenmann from their daughter when he wrote a biography of the latter. He filed these letters in the Subject Series under "Biographical Files: Eigenmann, Carl H." and "Biographical Files: Eigenmann, Rosa Smith." Hubbs was given some correspondence and field notes of SIO Diving Officer Conrad Limbaugh after Limbaugh's death in 1960. However, as he maintained the Limbaugh Papers in a file distinct from his own, the Limbaugh Papers were separated from the Hubbs Papers and accessioned as a separate collection in the SIO Archives.

The Hubbs Papers were maintained and organized by Laura Clark Hubbs. He determined file structure, headings and organization and she did the filing. Hubbs and others in his group depended upon Laura Hubbs to file and retrieve material from the Hubbs Papers. Over the years, Laura Hubbs was assisted in this work by a number of secretaries. In 1962, Elizabeth Noble Shor joined the Hubbs staff as Laboratory Helper. Elizabeth Shor's responsibilities eventually extended to the care of the files. When Shor became SIO Archivist and after Hubbs' death, she worked to some extent with Laura Hubbs to refine the arrangement of files in the Hubbs Papers.

The Hubbs Papers are a very large collection arranged in an extremely complex manner. The files are divided into these series: Biographic Files, Manuscripts, Subject Files, Marine Life Files, Photographs, Films, Sound Recordings, Awards and Realia, Slides. Two of these series, the Subject Files and the Marine Life Files are divided into subseries.

## **SERIES DESCRIPTION**

### **Biographic Files Series. 1912-1983**

This series documents Carl Leavitt Hubbs' early life, education and career. The files include newspaper clippings, lists of awards and citations, curriculum vitae, genealogical information, biographies, and obituaries. Included is some correspondence. For instance, biographic files dated July-December 1944 include letters exchanged by Carl Leavitt Hubbs and Harald Ulrik Sverdrup discussing Hubbs' appointment at SIO.

### **Manuscript Series. 1919-1977**

This includes manuscripts of scientific papers and oral presentations by Carl Leavitt Hubbs. Undated papers are arranged alphabetically, followed by dated papers arranged chronologically. This series does not include manuscripts of every publication by Carl Leavitt Hubbs. Manuscripts of many of Hubbs scientific papers are filed in the Marine Life Series under the names of the species they describe. Original oversize figures for Hubbs manuscripts are stored in Hubbs oversize map cases. As Hubbs originally separated oversize figures from original manuscripts, there are no cross references from the original manuscript to oversize figures.

### **Subject Files Series. 1881-1984**

The Subject Series includes subject files arranged alphabetically. Subject headings include both direct and indirect headings. For instance, most of the material documenting Hubbs' participation in expeditions, cruises and field trips is filed under the heading Expeditions. However, material documenting his 1939 trip to Alaska as special investigator for the U.S. Department of the Interior is filed directly under the heading "Alaska, 1939."

### **Marine Life Series. 1890-1990**

The Marine Life Series includes field notes, observations and sightings, references, memoranda, counts and measurements of specimens, tag recovery data, expedition reports, colony census data, correspondence, manuscripts of papers, conference announcements and schedules and other

material documenting Hubbs' scientific work. These materials are filed under the name of the order, family, genus or species they concern.

Items on a particular taxonomic unit are arranged within folders as follows: manuscripts, notes and data (arranged chronologically), photographs, references, newspaper clippings, and correspondence (arranged either chronologically or alphabetically). Fish units are numbered according to the "Alphabetical List of the Families of Fishes with their Group Numbers, After the Fish Division of the Museum of Zoology of the University of Michigan, Revised in April 1989." (see appendix at end of folder list) Files are arranged by group number within major geographic subseries: Fishes-World, Fishes-New World, Fishes-Atlantic, Fishes-Europe, Fishes-Asiatic Marine, Fishes-Indo-Pacific, Africa, Antarctica Fishes-Pelagic, Fishes-Middle American Freshwater, Fishes-South American Freshwater, Fishes-Eastern North American Freshwater, Western North American Freshwater and Hybrids. In order to locate a file on a specific species, one must first know its geographic location and its group number. Species names reflect the taxonomic order of the 1970's and have not been updated.

### **Photographs Series. 1900-1980**

This series is divided into several subseries: original prints, oversize prints, original negatives, lantern slides, and 35mm slides. Images are arranged chronologically within these subseries. All photographic images are stored with the Hubbs Papers except the 35mm slides which are filed in the SIO Archives slide cases under the accession number of the collection, 81-18.

The Photographs Series does not contain all of the photographic images within the Hubbs Papers. Many original photographic prints are filed under the names of species in the Marine Life Series, and under the heading "Photographs" or under other headings in the Subject Files Series.

### **Sound Recordings Series. 1950-1972 (21 recordings)**

Sound recordings are arranged chronologically. They include sound recordings made by Carl Leavitt Hubbs, recordings made by others and collected by Hubbs, and a few recordings of Hubbs.

### **Films Series. 1955-1978 (22 films)**

Films are arranged chronologically.

### **Awards and Realia Series. 1950-1978**

The Awards and Realia Series includes a few objects, such as Carl Leavitt Hubbs' binoculars, plaques, certificates and other awards. These are arranged chronologically. The series does not include all certificates. Many certificates can be found in the Biographic Files Series filed under the name of Carl Leavitt Hubbs.

### **Slides Series 1964-1975 (481 2x2 slides)**

481 slides from conferences and expeditions to Venezuela, Curacao, Canada, & Baja California. Includes Guadalupe Island, Bahia de los Angeles, Cedros Island, San Clemente Island, Santa Cruz Island, and Scammons Lagoon.

In general, the Subject Series was designed to include files documenting Hubbs' faculty, consulting, committee and community work and subjects of general interest, while the Marine Life Series was designed to include files documenting his scientific research including field, laboratory and library work on specific species. There is, however, some overlap between these two large series. For instance, the Subject Series includes a heading entitled "Conservation/Preservation." This material includes references, reports, notes, correspondence and other papers on conservation and preservation of wildlife, and the creation and protection of parks, wetlands and preserves. The Subject Series includes a subseries on "Expeditions" that document Hubbs' expeditions and field trips, while the actual field notes and data resulting from those expeditions are filed under species headings in the Marine Life Series. Material filed in the Subject Series under "Explosions" concern studies conducted by Hubbs and others on the effects of underwater explosions on fish populations. Material filed in the Subject Series under "Introductions" concern the introduction of exotic species into new environments. Documentation of Hubbs' monthly trips to collect surface temperature data from stations from San Diego to Baja California, Mexico, can be found in Subject Files under the heading "Temperature." (1)

### **Correspondence**

Hubbs kept a chronological file of his outgoing correspondence called the "F-file." This file was made available to his students and associates for a month or more after the correspondence was written. Correspondence was then filed under the main subject of incoming and outgoing letters. (2) This makes it easy to locate material by subject, but very difficult to locate correspondence by date or correspondent. For instance, Carl Leavitt Hubbs and Robert Rush Miller first corresponded in 1937 when Miller wished to become Hubbs' field assistant and made arrangements to join Hubbs on a desert field trip. Hubbs filed this correspondence in the Marine Life Series under "Fishes, Western North America Freshwater, Correspondence," as the letters include some information on the specimens they collected on the field trip. Correspondence exchanged by Carl Leavitt Hubbs and Errol Flynn concerning their 1948 cruise to Baja California on the yacht ZACA is filed in the Marine Life Series under "West Coast Localities, Mexico, Baja California: San Ignacio Lagoon." Correspondence concerning publications by Hubbs and others were filed under the subject heading "Publications." For instance, letters discussing Rachel Carson's, *The Sea Around Us*, were filed under "Publications - Rachel Carson."

1: For a full description of the temperature runs see *Surface Water Temperatures at Shore Stations, United States West Coast and Baja California, 1962* (SIO Reference No. 63-17, June 19, 1963)

2: The F-file is described in Kenneth S. Norris, "To Carl Leavitt Hubbs, A Modern Pioneer Naturalist on the Occasion of his Eightieth year," *Copeia*, no. 3 (October 18, 1974), p. 583 and 584.

PROVENANCE: Carl Leavitt Hubbs discussed the disposition of his personal library with UCSD Librarian Melvin Voigt in person and in correspondence in late 1971 and early 1972. On June 20, 1979, Carl and Laura Hubbs signed a gift and absolute assignment donating all of the Hubbs scientific books and papers to SIO. This gift was accepted on behalf of the Regents of the University of California by SIO Director William A. Nierenberg on July 3, 1979. The Hubbs Library and personal papers were transferred by archivist Betty Shor from Hubbs' office in the Marine Biology Building to the Scripps Archives by March 3, 1980. Shor conducted an inventory of the Hubbs Library in May 1980. Laura Clark Hubbs maintained an office in the SIO Archives from 1980 until 1986. Over the years, she located additional material at her home and added it to the collection. On September 18, 1981, she found Hubbs' photographs of his 1939 trip to Alaska for the Department of the Interior and added these images to the Hubbs Papers. On May 14, 1982, Laura Hubbs and her daughter Frances Hubbs Miller gave Hubbs' slide collection to the SIO Archives. Laura Hubbs found nineteen file folders of material, including slides and photographs of Hubbs 1929 trip to Japan, in Hubbs' study at home and added this material to the Hubbs Papers on January 4, 1982. Laura Hubbs found an additional 1.5 linear feet of files and photographs in Hubbs' study documenting Hubbs' 1939 trip to Alaska, and she added this material to the Hubbs Papers on February 28, 1984. A number of oversize Hubbs drawings were located in a map case in Francis Shepard's office and added to the Hubbs Papers on February 11, 1984. Finally, a small quantity of personal papers, including passports, guest books, photograph albums, and letters of condolence were found in Laura Hubbs' home after her death and were donated by Earl Hubbs to the SIO Archives on August 26, 1988. Twenty file folders of material on West Coast Fishes, Group 46, Umbrina were given to Archives by Keith Radford who had borrowed it from Hubbs. This material was integrated into Hubbs collection on August 11, 1995 and is listed on pages 210 to 211. Fifteen file folders were loaned during Hubbs lifetime to his assistant Robert Wisner, who continued work on these species for twenty years after Hubbs death. These were returned on October 9, 1995 and integrated into the already existing folders on pages 250-252.

## \*ALPHABETICAL LIST OF THE FAMILIES OF FISHES WITH THEIR GROUP NUMBERS

Marine Vertebrates Collection, SIO

Revised: 27 April 1989

48	Abudefdufidae	33	Amphacanthidae	6	Arhynchobatidae
55	Abyssocottidae	21	Amphiliidae	42	Ariommatidae
26	Acanthenchelyidae	3	Amphioxidae/-ididae	42	Ariommidae
35	Acanthoclinidae	63	Amphipnoidae	35	Arripidae/ididae
43	Acanthocybiidae	48	Amphiprionidae	55	Ascelichthyidae
33	Acanthuridae	57	Amphisilidae	56	Aspidophoridae
65	Aceratiidae	29	Anabantidae	56	Aspidophoroididae
12	Acestrorhynchidae	27	Anablepidae/-blepsidae	19	Aspredinidae
64	Achiridae	62	Anacanthidae	19	Astroblepidae
43	Acinaceidae	6	Anacanthobatidae	10	Astronesthidae
7	Acipenseridae	6	Analithidae	60	Astroscopidae
33	Acronuridae	61	Anarhichadidae	30	Ateleopodidae
35	Acropomatidae	61	Anarrhichthyidae	5	Atelomycteridae
35	Acropomidae	26	Anguillichthyidae	40	Atherinidae
42	Acrotidae	26	Anguillidae	61	Atopoclinidae
16	Adiposidae	35	Anisochromidae	19	Auchenipteridae
27	Adrianichthyidae	12	Anodontidae	25	Aulopodidae/ Aulopidae
65	Aeschynichthyidae	31	Anoplogasteridae	57	Aulorhynchidae
6	Aetobatidae	31	Anomalopidae	57	Aulostomatidae
19	Ageneiosidae	54	Anoplopomatidae	57	Aulostomidae
56	Agonidae	54	Anoplopomidae	26	Avocettinidae
53	Agriopidae	12	Anostomidae	26	Avocettinopsidae
30	Agrostichthyidae	25	Anotopteridae	51	Badidae
21	Akysidae	65	Antennariidae	21	Bagaridae
63	Alabetidae	35	Anthiidae	17	Bagreidae
63	Alabidae	32	Antigoniidae	21	Bagridae
8	Albulidae	26	Aoteidae	34	Balistidae
63	Alebeidae	38	Aphareidae	44	Banjosiidae
25	Alepisauridae	28	Aphredoderidae	25	Barbourisiidae/ -idae
8	Alepocephalidae	61	Aphyonidae	53	Bathyploactidae
12	Alestidae	53	Aploactidae	51	Bathyclupeidae
34	Aleuteridae	53	Aploactinidae	60	Bathydraconidae
5	Alopeciidae	27	Aplocheilidae	8	Bathylaconidae
5	Alopiidae	9	Aplochitonidae	9	Bathylagidae
34	Aluteridae	52	Aplodactylidae	61	Bathymasteridae
42	Amarsipidae	35	Apogonichthyidae	62	Bathyonidae
35	Ambassidae/-iidae	35	Apogonidae	8	Bathypriionidae
21	Amblycepidae	42	Apolectidae	25	Bathypteridae
21	Amblycipitidae	38	Aprionidae	25	Bathysauridae
27	Amblyopidae/-opsida	26	Aprognathodontidae	8	Bathythrissidae
18	Ameiuridae	13	Apteronotidae	60	Batrachidae
7	Amiatidae	61	Aptoclinidae	60	Batrachoididae
7	Amiidae	34	Aracanidae	4	Bdellostomatidae
7	Amistidae	8	Arapaimidae	40	Bedotiidae
18	Amiuridae	9	Argentiniidae	23	Belonidae
61	Ammodytidae	19	Argidae/Argiidae	29	Belontidae
		17	Ariidae	56	Bembradidae

\*Where alternate spellings are given on the same line, the first one is correct.

56	Bembridae	31	Caulolepidae	60	Chimarrhichthyidae
60	Bembropidae/-bropsidae	65	Caulophrynidae	54	Chiridae
59	Benthophilidae	61	Cebidichthyidae	8	Chirocentridae
25	Benthosauridae	38	Centracanthidae	61	Chirolophidae
31	Berycidae	37	Centrarchidae	52	Chironemidae
12	Bivibranchiidae	57	Centriscidae	5	Chlamydoselachidae
61	Bleekeridae/-iidae	35	Centrogenysidae	26	Chlopsidae
61	Blenniidae	42	Centrolophidae	25	Chlorophthalmidae
55	Blepsiidae	60	Centropercidae	34	Chonerhinidae
64	Bothidae	65	Centrophrynidae	49	Chromidae
60	Bovichthyidae	35	Centropomidae	35	Chromileptidae
60	Bovichtidae	56	Cephalacanthidae	43	Cibiidae
60	Bovictidae	35	Cephalophidae	49	Cichlidae
5	Brachaeluridae	6	Cephalopteridae	52	Cirrhitidae
65	Brachionichthyidae	60	Cepolidae	64	Citharidae
6	Brachiopteridae	65	Ceratiidae	12	Citharinidae
64	Brachypleuridae	7	Ceratodontidae/-didae	21	Clariidae
42	Bramidae	59	Cerdalidae	61	Clinidae
60	Branchiostegidae	5	Cestraciondontidae	8	Clupanodontidae
3	Branchiostomatidae	5	Cestraciontidae	8	Clupeidae/ Clupidae
3	Branchiostomidae	25	Cetomimidae	8	Clupisudidae
62	Bregmacerotidae	19	Cetopsidae	16	Cobitidae/-ididae
62	Brosmiidae	5	Cetorhinidae	35	Colidae
61	Brotulidae	21	Chacidae	26	Colocongridae
61	Brotulophidae	60	Chaenichthyidae	34	Colomesidae
19	Bunocephalidae	61	Chaenopsidae	55	Comephoridae
61	Bythitidae	51	Chaetodipteridae	26	Congeridae
44	Caesioidae	32	Chaetodontidae	53	Congiopodidae
44	Caesionidae	60	Champsodontidae	8	Congothrissidae
7	Calamoichthyidae	35	Chandidae	26	Congridae
35	Callanthiidae	8	Chanidae	53	Congriopodidae
19	Callichthyidae	60	Channichthyidae	61	Congrogadidae
60	Callionymidae	29	Channidae	26	Congroidae
60	Callipterygidae	12	Characidae/-inidae	51	Coracinidae
19	Callophysidae	12	Characididae	9	Coregonidae
5	Callorhynchidae	27	Characodontidae	50	Coridae
50	Callyodontidae	63	Chaudhuriidae	42	Coryphaenidae
34	Canthigasteridae	10	Chauliodidae	55	Cottidae
32	Caproidae	10	Chauliodontidae	55	Cottocomephoridae
32	Caprophonidae	65	Chaunacidae	55	Cottunculidae
53	Caracanthidae	63	Cheilobranchidae	19	Cranoglanidae/ -ididae
42	Carangidae	52	Cheilodactylidae	12	Creagrutidae
61	Carapidae	35	Cheilodipteridae	60	Creediidae
5	Carcharhinidae	60	Cheimarrhichthyidae	12	Crenuchidae
5	Carchariidae	60	Chiasmodontidae	37	Cristidae
5	Carcharodontidae	52	Chilodactylidae	11	Cromeriidae
31	Caristiidae	35	Chilodipteridae	5	Crossorhinidae
14	Catostomatidae	12	Chilodontidae	61	Cryptacanthidae
14	Catostomidae	26	Chilorhinidae	48	Ctenolabridae
5	Catulidae	5	Chimaeridae	12	Ctenoluciidae
				63	Cuchiidae

12	Curimatidae	26	Echelidae	62	Gadidae
43	Cybiidae	42	Echeneididae/-idae	60	Gadopsidae
56	Cyclogasteridae	26	Echidnidae	62	Gaidropsaridae
50	Cyclolabridae	5	Echinorhinidae	8	Galaxiidae/-idae
19	Cyclopidae/-iidae	42	Elacatidae	5	Galeidae
56	Cyclopteridae	37	Elassomatidae	5	Galeorhinidae
26	Cyematidae/Cyemidae	37	Elassomidae	43	Gasterochismidae
12	Cynodontidae	13	Electrophoridae	12	Gasteropelecidae
64	Cynoglossidae	58	Eleotrididae/-idae	57	Gasterosteidae
51	Cyphosidae	42	Elephenoridae	16	Gastromyzontidae/ -idae
15	Cyprinidae	6	Elipesuridae	44	Gaterinidae
27	Cyprinodontidae	8	Elopidae/Elopsidae	26	Gavialicipitidae
32	Cyttidae	47	Embiotocidae	60	Gelididae
56	Dactylopteridae	61	Emblemariidae	43	Gempylidae
60	Dactyloscopidae	38	Emmelichthyidae	4	Geotriidae
5	Dalatiidae	27	Empetrichthyidae	41	Gerreidae/Gerridae
22	Dallidae	8	Engraulididae/-idae	31	Gibberichthyidae
6	Dasyatidae/Dasybatidae	51	Enoplosidae	65	Gigantactinidae
45	Denticidae	51	Ehippididae/-idae	35	Gigantiidae
8	Denticipitidae	3	Epigonichthyidae	30	Giganturidae
61	Derepodichthyidae	35	Epigonidae	5	Ginglymostomatidae
26	Derichthyidae	35	Epinephelidae	5	Ginglymostomidae
60	Diademichthyidae	4	Eptatretidae	51	Girellidae
42	Dianidae	41	Equulidae	12	Glandulocaudidae
65	Diceratiidae	62	Eretmophoridae	35	Glaucosomatidae
51	Dichistiidae	56	Ereuniidae	35	Glaucosomidae
35	Dinolestidae	54	Erilepididae/-idae	8	Glossodontidae
35	Dinopercidae	38	Erythrichthyidae	48	Glyphiodontidae
34	Diodontidae	12	Erythrinidae	53	Gnathanacanthidae
19	Diplomystidae	38	Erythroclidae	60	Gobiesocidae
35	Diploprionidae	22	Esocidae	59	Gobiidae
38	Dipterygonotidae	38	Etelidae	59	Gobioididae
31	Diretmidae	36	Etheostomatidae	16	Gobiobotidae
6	Discobatidae	36	Etheostomidae	59	Gobiomoridae
26	Disparichthyidae	37	Eucentrachidae	8	Gonorhynchidae
12	Distichodidae	41	Eucinostomatidae	10	Gonostomatidae
12	Distichodontidae	41	Eucinostomidae	10	Gonostomidae
47	Ditremidae	5	Eulamiidae	27	Goodeidae
59	Doiichthyidae	25	Eurypharyngidae	35	Grammatidae/ Grammidae
8	Dolichopterygidae	30	Eutaeniophoridae	32	Grammicolepididae/ -idae
59	Doliichthyiidae	56	Eutelichthyidae	11	Grasseichthyidae
19	Doradidae	25	Evermanellidae	35	Grammistidae
8	Dorosomatidae	23	Evolantiidae	51	Gregoryinidae
60	Draconettidae	23	Exocoetidae	37	Grystidae
51	Drepanichthyidae	61	Fierasferidae	61	Guentheridae
51	Drepanidae	57	Fistulariidae/-idae	59	Gunnellichthyidae
35	Duleidae	27	Fitzroyiidae/-idae	6	Gurgesiellidae
8	Dussumieridae/-iidae	63	Flutidae	35	Gymnapogonidae
26	Dysommidae	42	Formiidae	11	Gymnarchidae
26	Dysommidae	42	Formionidae		
26	Dysomminidae	27	Fundulidae		



13	Gymnotidae	47	Holconotidae	61	Labrisomidae
6	Gymnuridae	31	Holocentridae	29	Labyrinthidae
15	Gyrinocheilidae	19	Hologenidae	35	Lactariidae
44	Haemulidae	16	Homalopteridae	65	Laevoceratiidae
44	Haemulonidae	51	Hoplegnathidae	34	Lagocephalidae
5	Halaeluridae	56	Hoplichthyidae	5	Lamnidae
61	Halidesmidae	38	Hoplopagridae	5	Lamiosomatidae
61	Haliophidae/-iidae	31	Hoplopterygidae	30	Lamprididae/ Lampridae
24	Halosauridae	27	Horaichthyidae	35	Latidae
5	Halsydridae/-iidae	8	Hyodontidae	60	Latilidae
9	Haplochitonidae	8	Hyperlophidae	7	Latimeriidae
52	Haplodactylidae	6	Hypnidae	52	Latrididae/ Latridae
22	Harpadontidae	19	Hypophthalmidae	12	Lebiasinidae
60	Harpagiferidae	35	Hypoplectrodidae	41	Leiognathidae
50	Harpidae	13	Hypopomidae	43	Lemnisomidae
25	Harpodontidae	61	Hypoptychidae	21	Lepidoglanidae
19	Helogeneidae	19	Hypostomidae	8	Lepidogalaxiidae /idae
29	Helostomatidae	27	Hypsaeidae	43	Lepidopidae
29	Helostomidae	27	Hypsocidae	43	Lepidopodidae
60	Hemerocoetidae	47	Hysterozocarpidae	7	Lepidosirenidae
5	Hemigaleidae	55	Icelidae	7	Lepidosteidae
10	Hemiodidae	12	Ichthyboridae	42	Lepidotidae
12	Hemiodontidae	12	Ichthyoboridae	7	Lepisosteidae
23	Hemiramphidae	42	Icichthyidae	42	Lepodidae
5	Hemiscylliidae	42	Icosteidae	51	Leptobramidae
55	Hemitripterae	18	Ictaluridae	26	Leptocephalidae
60	Henichthyidae	10	Idiacanthidae	5	Leptochariidae
60	Henicichthyidae	8	Igborichthyidae	8	Leptochilichthyidae
33	Hepatidae	51	Ilarchidae	60	Leptoscopidae
12	Hepsetidae	26	Ilyophidae	45	Lethrinidae
4	Heptatretidae	57	Indostomidae	60	Limnichthidae/ -thyidae
5	Heptranchidae	38	Inermiidae	65	Linophrynidae
26	Heterenchelidae	25	Ipnopidae/Ipnopidae	41	Liognathidae
26	Heterenchelyidae	5	Isistiidae	56	Liparididae/ Liparidae
26	Heterocongridae	40	Isonidae	56	Liparopidae
5	Heterodontidae	43	Istiophoridae	24	Lipogenidae
26	Heteromyridae	5	Isuridae	35	Lobotidae
21	Heteropneustidae	27	Jenynsiidae	65	Lophichthyidae
8	Heterotidae	55	Jordaniidae	65	Lophiidae
54	Hexagrammidae	42	Juvenellidae	30	Lophotidae
5	Hexanchidae	31	Kasidoridae	19	Loricariidae
6	Hexatrygonidae	43	Katsuwonidae	22	Luciidae
5	Hexeptranchidae	11	Kneriidae	29	Luciocephalidae
65	Himantolophidae	31	Korsogasteridae	61	Lumpenidae
8	Hiodontidae	60	Kraemeriidae	38	Luthianidae
57	Hippocampidae	35	Kuhliidae	38	Lutianidae
64	Hippoglossidae	42	Kurtidae	38	Lutjanidae
31	Hispidoberycidae	51	Kyphosidae	43	Luvaridae
43	Histiophoridae	35	Labracoglossidae	61	Lycodapodidae
51	Histiopteridae	50	Labridae		

61	Lycodidae	21	Mochochidae	45	Neolethrinidae
62	Lyconidae	21	Mochocidae	55	Neophrynichthyidae
35	Maccullochellidae	21	Mochokidae	25	Neoscopelidae
35	Macquariidae	34	Molidae	27	Neostethidae
9	Macristiidae	34	Monacanthidae	26	Nessorhamphidae
26	Macrocephenchelidae	31	Monocentridae/-ididae	26	Nettastomatidae
26	Macrocephenchelyidae	51	Monodactylidae	26	Nettastomidae
10	Macropinnidae	25	Monognathidae	26	Nettodaridae
57	Macroramphosidae	63	Monopteridae	35	Nipponidae
57	Macrorhamphosidae	45	Monotaxidae	42	Nomeidae
62	Macrouridae	4	Mordaciidae	55	Normanichthyidae
62	Macrouroididae	62	Moridae	24	Notacanthidae
62	Macruridae	26	Moringuidae	5	Notidanidae
32	Macrurocyttidae	11	Mormyridae	40	Notocheiridae
38	Maenidae	35	Moronidae	61	Notograptidae
43	Makairidae	40	Mugilidae	11	Notopteridae
60	Malacanthidae	60	Mugiloididae	25	Notosudidae
10	Malacosteidae	39	Mullidae	60	Nototheniidae
21	Malapteruridae	26	Muraenesocidae	22	Novumbridae
21	Malopteruridae	26	Muraenidae	50	Odacidae
65	Maltheidae	62	Muraenolepididae/-idae	5	Odontaspidae
65	Malthidae	26	Muroenesocidae	25	Odontostomidae
6	Mantidae	5	Mustelidae	65	Ogcocephalidae
55	Marukawichthyidae	25	Myctophidae	35	Oligoridae
63	Mastacembelidae	6	Myliobatididae/-idae	21	Olyridae
10	Maurolicidae	26	Myridae	25	Omosudidae
15	Medidae	26	Myrocongridae	65	Onchocephalidae
5	Megachasmidae	26	Myrophidae	65	Oncocephalidae
61	Megalomycteridae	12	Mystidae	65	Oneirodidae
5	Megourididae	4	Myxinidae	29	Ophicephalidae
31	Melamphaeidae	51	Nandidae	26	Ophichthidae/ -thyidae
31	Melamphaidae	40	Nannatherinidae	61	Ophiclinidae
31	Melamphasidae	40	Nannopercidae	61	Ophidiidae
65	Melanocetidae	12	Nannostomidae	29	Ophiocephalidae
62	Melanonidae	6	Narcaciontidae	61	Ophioclinidae
10	Melanostomiatidae	6	Narcationtidae	54	Ophiodontidae
10	Melanostomidae	6	Narcinidae	61	Opisthocentridae
40	Melanotaeniidae	6	Narcobatidae	60	Opisthognathidae
42	Menidae	6	Narkidae	10	Opisthoproctidae
62	Merlucciidae	33	Nasidae	51	Oplegnathidae
38	Merolepidae	26	Neenchelyidae	56	Oplichthyidae
51	Microcanthidae	42	Nematistiidae	5	Orectolobidae
59	Microdesmidae	19	Nematogenyidae	32	Oreosomatidae
37	Micropteridae	26	Nemichthyidae	27	Orestiidae
9	Microstomatidae	45	Nemipteridae	34	Orthagoriscidae
9	Microstomidae	61	Nemophididae	27	Oryziatidae/ Oryziidae
30	Mirapinnatidae	40	Neoatherinidae	9	Osmeridae
30	Mirapinnidae	65	Neoceratiidae	29	Osphromenidae
5	Mitsukurinidae	50	Neodacidae/Neodaciidae		
6	Mobulidae	50	Neolabridae		

29	Osphronemidae	61	Peronedyidae/-dysidae	51	Pristolepidae
8	Osteoglossidae	4	Petromyzontidae/ -zonidae	12	Prochilodontidae
35	Ostorhinchidae	40	Phallostethidae	27	Profundulidae
34	Ostraciidae	35	Pharopterycidae	5	Proscyllidae
34	Ostraciontidae	61	Pholididae/Pholidae	7	Protopteridae
31	Ostracoberycidae	61	Pholidichthyidae	9	Prototroctidae
46	Otolithidae	10	Photichthyidae	60	Psammichthyidae
34	Ovoididae	65	Photocorynidae	42	Psenidae
60	Owstoniidae	11	Phractolaemidae	64	Psettodidae Psettidae
60	Oxudercidae	63	Pillaiidae	60	Pseudaphritidae
35	Oxylabracidae	45	Pimelepteridae	5	Pseudocarchariidae
54	Oxylebiidae	19	Pimelodidae	35	Pseudochromidae/ -ididae
5	Oxynotidae	60	Pinguipedidae	35	Pseudogrammatidae/ -grammidae
23	Oxyporhamphidae	25	Plagyodontidae	40	Pseudomugilidae
42	Pampidae	51	Platacidae	19	Pseudopimelodidae
21	Pangasiidae	56	Platycephalidae	35	Pseudoplesiopidae
11	Pantodontidae	58	Platypteridae	6	Pseudorajidae
56	Parabembridae	6	Platyrrhinidae	5	Pseudotriakidae
61	Parabrotulidae	8	Platytroctidae	25	Pseudotrichonotidae
35	Paracentropristidae	9	Plecoglossidae	34	Psilocephalidae
45	Paradicichthyidae	44	Plectorhynchidae	15	Psilorhynchidae
31	Paradiretmidae	35	Plectroplithidae	55	Psychrolutidae
8	Paragalaxiidae	35	Plectropomidae	51	Pteraclididae/ -clidae
59	Paragobioididae	35	Plesiopidae	60	Pteropsaridae
25	Paralepididae/-idae	64	Pleuronectidae	8	Pterothrissidae
64	Paralichthodidae	60	Pleuroscopidae	61	Ptilichthyidae
64	Paralichthyidae	5	Pliotremidae	19	Pygidiidae
4	Paramyxinidae	21	Plotosidae	61	Pyramodontidae
60	Parapercichthyidae	27	Poeciliidae	42	Rachycentridae
60	Parapercidae	64	Poecilopsettidae	30	Radiicephalidae
51	Parascorpididae/-idae	29	Polyacanthidae	6	Raiidae
5	Parascyllidae	51	Polycentridae	35	Rainfordidae
32	Parazenidae	31	Polymixiidae	6	Rajidae
12	Parodontidae	40	Polynemidae	62	Ranicepitidae
29	Parophiocephalidae	7	Polyodontidae	26	Ratabouridae
53	Pataecidae	7	Polypteridae	30	Regalecidae
57	Pegasidae	32	Pomacanthidae	9	Retropinnidae/ -pinnatidae
51	Pempherididae/-idae	48	Pomacentridae	42	Rhachycentridae
51	Pentacerotidae	44	Pomadasyidae/ -dasidae	13	Rhamphichthyidae
5	Pentanchidae/ Pentachidae	42	Pomatomidae	6	Rhamphobatidae
45	Pentapodidae	21	Porcidae	55	Rhamphocottidae
35	Percichthyidae	6	Potamotrygonidae	35	Rhegmatidae
36	Percidae	48	Premnidae	5	Rhincochimaeridae
35	Perciliidae	32	Prenidae	5	Rhincodontidae
60	Percophididae/-idae	35	Priacanthidae	5	Rhineodontidae
28	Percopsidae	6	Pristidae	6	Rhinidae
59	Periophthalmidae	8	Pristigasteridae	6	Rhinobatidae
56	Peristediidae	5	Pristiophoridae	5	Rhinochimaeridae
56	Peristediontidae	44	Pristipomatidae/-idae	5	Rhinodontidae

32	Rhinoprenidae	8	Searsidae/Searsiidae	64	Synapturidae
6	Rhinopteridae	5	Selachidae	63	Synbranchidae
61	Rhodichthyidae	42	Seriolidae	55	Synchiridae
64	Rhombosoleidae	35	Serranidae	57	Syngnathidae
58	Rhyacichthyidae	12	Serrasalmidae	25	Synodidae/ Synodontidae
6	Rhynchobatidae	26	Serrivomeridae	17	Tachysuridae
63	Rhynchobdellidae	59	Sicydiaphiidae	59	Taenioidae/-idae
27	Rivulidae	33	Siganidae	30	Taeniophoridae
25	Rondeletiidae	38	Sillaginidae	40	Telmatherinidae
30	Rosauridae	18	Siluridae	6	Temeridae
61	Runulidae	26	Simenchelyidae/ -chelidae	35	Teraponidae/ -pontidae
43	Ruvettidae	50	Siphonognathidae	65	Tetrabrachiidae
6	Rynchobatidae	57	Siphostomidae	12	Tetragonopteridae
35	Rypticidae	21	Sisoridae	42	Tetragonuridae
21	Saccobranchidae	64	Soleidae	34	Tetraodontidae
25	Saccopharyngidae	57	Solenichthyidae	43	Tetrapturidae
9	Salangidae	57	Solenostomatichthyidae	53	Tetrarogidae
9	Salmonidae	57	Solenostomatidae	34	Tetrodontidae
64	Samaridae	57	Solenostomidae	5	Tetroradidae
43	Sardidae	5	Somniosidae	33	Teuthidae/-idae
25	Sauridae	31	Sorosichthyidae	65	Thaumatichthyidae
25	Sauromuraenesocidae	45	Sparidae	35	Theraponidae
50	Scarichthyidae	50	Sparisomidae	33	Theutyidae
50	Scaridae	34	Sphoeroididae	43	Thunnidae
32	Scatophagidae	40	Sphyraenidae	9	Thymallidae
21	Schilbeidae/ Schilbidae	5	Sphyrnidae		
42	Schindleriidae	38	Spicaridae	26	Todaridae
46	Sciaenidae	5	Spinacidae/ Spinaceidae	27	Tomeuridae
55	Sclerogenidae	5	Squalidae/ Squalinidae	6	Torpedinidae
19	Scoloplacidae		Squatinae	51	Toxotidae
45	Scolopsidae	5	Squatidae	31	Trachichthyidae
23	Scomberesocidae	5	Stegostomatidae	60	Trachinidae
43	Scomberidae	62	Steindachneriidae	60	Trachinotidae
43	Scomberomoridae	42	Steinegeriidae	30	Trachipteridae
23	Scombresocidae	31	Stephanoberycidae	31	Trachyberycidae
43	Scombridae	13	Sternarchidae	19	Trachycorystidae
43	Scombrolabracidae	10	Sternoptychidae/-idae	30	Trachypteryidae
35	Scombropidae/ -bropsidae	13	Sternopygidae	34	Triacanthidae
25	Scopelarchidae	61	Stichaeidae	34	Triacanthodidae
25	Scopelidae	35	Stigmatonotidae	5	Triakidae
25	Scopelosauridae	26	Stilbiscidae	43	Trichiuridae
64	Scophthalmidae	8	Stolephoridae	60	Trichodontidae
55	Scorpaenichthyidae	10	Stomiatidae/Stomiidae	19	Trichomycteridae
53	Scorpaenidae	42	Stromateidae	60	Trichonotidae
51	Scorpididae/-idae	30	Stylephoridae	56	Triglidae
5	Scyliorhinidae	10	Stylophthalmidae	64	Trinectidae
5	Scyllidae	25	Sudidae	34	Triodontidae
5	Scylliorhinidae	9	Sundasalangidae	61	Tripterygiidae
61	Scytalinidae	63	Symbranchidae	61	Tripterygiontidae
61	Scytaliscidae	53	Synancejidae/-ceidae	34	Triuridae
		26	Synphobranchidae	34	Tropidichthyidae

6	Trygonidae
59	Trypauchenidae
23	Tylosuridae
22	Umbridae
60	Uranoscopidae
6	Urolophidae
27	Valenciidae
30	Veliferidae
38	Verilidae
5	Vulpeculidae
9	Winteriidae/-idae
44	Xenichthyidae
61	Xenocephalidae
26	Xencongriidae
9	Xenophthalmichthyidae
61	Xenopoclinidae
34	Xenopteridae
61	Xiphasiidae
61	Xiphidiontidae
43	Xiphiidae
61	Xiphiodontidae
61	Xiphisteridae
12	Xiphostomidae/-stomatidae
41	Xystaemidae
32	Zanclidae
54	Zaniolepididae/-idae
6	Zanobantidae
40	Zanteclidae
42	Zaproridae
32	Zeidae
32	Zeniontidae
61	Zoarcidae

**Carl Leavit Hubbs****Papers, 1920-1979****Accession Number 81-18****BOX****FOLDER TITLE****BIOGRAPHICAL FILES**

1	Biographic, Honors and memberships, 1912-1965
	Honors and memberships, 1966-1979
	Taxa named for Hubbs and family, n.d.
	1911-1917
	1924-June 1944
	July-December 1944
	1945-1950
	1951-1960
	1961-1965
	1966-1968
	1969-1970
	1971-1973
	January-May 1974
	June-October 1974
	November-December 1974
2	1975
	1976-February 1977
	March-December 1977
	January-July 1978

**BOX****FOLDER TITLE****BIOGRAPHICAL FILES (Contd)**

2	<p>August-December 1978</p> <p>1979</p> <p>1980-1981</p> <p>Hubbs-Sea World Fellowship, 1975-1978</p> <p>Hubbs Memorial, July 17, 1979</p> <p>Letters of Condolence, 1979, Allen-Beecher</p> <p>Beyer-Craig</p> <p>Crawford-Fox</p> <p>Fritzsche-Jovanovich</p> <p>Kenney-Mercado</p>
3	<p>Mesner-Price</p> <p>Prescott-Saxon</p> <p>Sayner-Sweeney</p> <p>Taylor-Zoological Society of San Diego</p> <p>News clippings from Public Affairs Office, 1952-1959</p> <p>1960-1965</p> <p>1966-1977</p> <p>Obituaries and memorial notices for Carl L. Hubbs, 1979</p> <p>Hubbs family genealogy, 1931-1976</p> <p>Hubbs, Charles Leavitt (1843-1940), 1972-1977</p> <p>Hubbs, Clark, 1941-1979</p>

**BOX****FOLDER TITLE****BIOGRAPHICAL FILES (Contd)**

3

Hubbs, Laura Clark, 1970-1983

Cashner, Francis Miller, 1963-1974

## Manuscripts of Scientific Papers and Talks

An analysis of evolution in the number of segments of fishes, n.d.

Authorship and status of fish genera and species described as new in paper by Jordan in 1896, n.d.

Description of the Free-Vehicle Setline-Trap Combination developed and used by the Marine Vertebrates Group of SIO, with McConnaughey, n.d.

The distribution, past and present of *Cryptochiton*, c1954

*Dorsopsetta norma* Nielsen, 1963, considered as based on prejuveniles of *Cyclopsetta panamensis* (Steindachner), 1875, An Eastern Pacific flatfish of the tribe Cithorichthyini (new name), January 27, 1964

The ecology of the tidal reef fishes of California, I: The physiography and geography of the reefs, n.d.

The ecology of the tidal reef fishes of California, II: The life conditions of the reefs, and the major adaptations of the reef fishes, n.d.

The ecology of the tidal reef fishes of California, III: The origin and composition of the reef fish fauna, n.d.

4

The ecology of the tidal reef fishes of California, IV:, n.d.

The ecology of the tidal reef fishes of California, n.d., V: The coloration of the fishes

The ecology of the tidal reef fishes of California, n.d.

Effects of the equatorial currents of the Pacific on the distribution of fishes and other marine animals, 1961



**BOX****FOLDER TITLE****MANUSCRIPTS OF SCIENTIFIC PAPERS AND TALKS  
(Contd)**

4

Gender unlimited?, 1962

Neglected synonyms of *Gymnachirus melas* and other Western North Atlantic fishes described by Samuel L. Mitchill, 1966

An outline of the methods of organic evolution, 1922

Preliminary report on investigations of the effects on caged fishes of underwater nitro-carbonate explosions, May 6, 1960

Preliminary report on experiments designed to determine the effects of underwater explosions on marine life, 1952

The problem of the local races, 1919

Report to Carnegie Museum on Cocos Island, Galapagos, Peru, Chile, etc., n.d.

Report to Carnegie Museum on Cocos Island, Galapagos, Peru, Chile, etc., miscellaneous references and notes to check manuscript, and literature cited, n.d.

A systematic study of the tidal fishes of California, n.d.-1939

Sexual variation in the number of vertebrae and other segmental structures in vertebrates, n.d.

Stray Man-o'-War birds in the Northeastern Pacific in 1951 and 1952, n.d.

Talks-Correspondence, 1949-1967

Correspondence, 1968-1971

1972-1978

"Variations in the number of vertebrae and other meristic characters of fishes correlated with the temperature of the water during development," December 30, 1921

**BOX****FOLDER TITLE****MANUSCRIPTS OF SCIENTIFIC PAPERS AND TALKS  
(Contd)**

## Talks (Contd)

- 4 "The use of accessory sexual structures in the classification of fishes," 1925
- 5 "Modifications of the developmental rate in fishes as a factor in their structural evolution," March 17, 1926
- "What is homology?," March 25, 1926
- "Impending advances in fish management," November 12, 1937
- "A biologist's views on human racionation," March 18, 1938
- "Fish collecting in desert and jungle," April 11, 1938
- "The fishes of the isolated waters of the American west," May 15, 1940
- "Studies on speciation in fishes," December 16, 1942
- "California's golden harvest of the sea," March 19, 1948
- "The role of temperature in past and present distribution of fishes on the Pacific coast," June 24, 1948
- "Habits and abundance of the gray whale," March 12, 1949
- "Marine mammals of the Pacific coast," April 13, 1949
- "Cave life in general," July 5, 1949
- "Pleistocene climatology as illustrated by the distribution of fishes," March 8, 1950
- "Biological effects of temperature distribution in the sea," March 30, 1950
- "Wealth of the sea," May 16, 1950
- "Research in the biological sciences," March 26, 1951

**BOX****FOLDER TITLE****MANUSCRIPTS OF SCIENTIFIC PAPERS AND TALKS****(Contd)**

## Talks (Contd)

5

"History of Scripps Institution," February 3, 1953

"Present status of vertebrate systematics," April 22, 1953

"Ecological requirements of cold water marine fishes, June 16, 1953

"An experimental attack on the speciation problem," March 14, 1954

"Crossing the species line," March 19, 1954

"The use and value of meristic characters in fish systematics and fish population studies," June 24, 1954

"Marine mammals of the west coast," July 1, 1954

"Ecological conditions during dated periods of human occupation along the Pacific Coast," April 27, 1955

"Observations on the history and biology of basins in the southern California desert," June 22, 1955

"Water, fish, and man in southern California," August 31, 1955

"La ballena gris y el problema a de su conservacion," November 15, 1956

"El elefante marino y el problema de su conservacion," November 15, 1956

"La foca fina de Guadalupe y el problema de su conservacion," November 15, 1956

"The marine bird fauna of Guadalupe Island," April 27, 1957

"Climatic, hydrographic, biotic, and human history of the LeConte Basin of California," June 17, 1958

"Standards and policies for preserving the scientific value of wild lands," June 19, 1958

**BOX****FOLDER TITLE****MANUSCRIPTS OF SCIENTIFIC PAPERS AND TALKS  
(Contd)**

## Talks (Contd)

5

"Recent climatic history in California," December 11, 1958

"Influence of land masses on the distribution and speciation of fishes and other marine organisms in the eastern Pacific," May 26, 1959

"La Jolla Natural Radiocarbon Lab," April 14, 1960

"Some highlights from the natural radiocarbon datings of the La Jolla Laboratory," October 29, 1961

"Radiocarbon dates from the La Jolla Laboratory," May 12, 1962

"David Starr Jordan," November 19, 1963

"New methods for the exploration of marine fishes and their environment," November 25, 1963

"Origin and distribution of the freshwater fishes of North America," December 1963

"Climatic conditions in the recent geological past in southern California," October 21, 1964

"The relation of waste discharges to plant and animal life in the ocean," April 22, 1966

"Quaternary paleohydrography and ichthyology of the Great Basin," May 10, 1967

"The classification and biology of the lower teleost fishes," November 6, 1967

"Demons of the deep," December 9, 1968

"Environmental biology," March 13, 1969

"North-Central Great Basin," April 1, 1970

"Raja Yoga-Glass Domes astride Point Loma," May 12, 1970

**BOX****FOLDER TITLE****MANUSCRIPTS OF SCIENTIFIC PAPERS AND TALKS  
(Contd)**

## Talks (Contd)

- 5 "Giants of the sea," October 2-4, 1970
- "Paleohydrography and relict fish life of Nevada and adjacent parts of the Great Basin," November 17, 1970
- "Survival of threatened species-desert fishes," November 19, 1970
- "Guadalupe Island," April 29, 1971
- "Survival from threatened extinction and population increase of marine mammals of the Mexican West Coast," March 11, 1972
- "Survival of marine mammals from the brink of extinction," April 5, 1972
- "Introduction to insular biology of the California islands," October 13, 1972
- 6 "The gray whale," March 7, 1973
- "The native freshwater fishes of California," March 14, 1973
- "Preservation of species and habitats," October 9, 1973
- "Initial studies [on gray whales] 1945-1966 and conservation efforts 1956-1973," November 8, 1973
- "Desert fishes," December 13, 1973
- "Vanishing Americans," December 26, 1973
- "Some highlights from my 61-year career in marine biology," May 2, 1974
- "The evolution of ichthyology in California," March 5, 1975
- "California's marine life system," April 9, 1975

**BOX****FOLDER TITLE****MANUSCRIPTS OF SCIENTIFIC PAPERS AND TALKS  
(Contd)**

## Talks (Contd)

6

"Biological oceanography, geochronology and archaeology along the Pacific Coast of Middle America and California," April 17, 1975

"The general decline of southwestern Fishes," September 8, 1975

"Is a new Ice Age possible?" October 14, 1975

"Investigations in Alaska in 1939 as a Field Representative, Department of the Interior, An historical review of natural resource problems in Alaska," April 8, 1976

"Survival of sea mammals," April 9, 1976

"Statement to United States Senate [on tuna fishing]," March 1977

**SUBJECT FILES**

Academy of Natural Sciences of Philadelphia-General, 1949-1978

Aquarium, 1954-1955

Leidy Award to Hubbs, 1964-1965

Academy of Zoology (India), 1957-1962

Acoustics, 1948-1953

1954-1970

Adaptation, 1935-1978

Address File, Aagaard-Bern

Berra-Castle

Castro-Czopek

Daetwyler-Etnier

<b>BOX</b>	<b>FOLDER TITLE</b>
	<b>SUBJECT FILES (Contd)</b>
6	Etoh-Gottschalk
7	Gould-Holt
	Holthuis-Kita
	Kittle-Lytle
	MacAlpin-Miller
	Miller-Nyquist
	Oakeson-Porter
	Poss-Rossi
	Rossolimo-Smagula
	Small-Szidat
	Taber-Uzell
	Valentine-Wick, A.P.
	Wick, A.-Zweifel
8	Foreign Institutions
	Dead File, Abbott-Brown
	Brown-Dymond
	Eadie-Haas
	Habu-Kuntz
	Laboratory-Oshima
	Ouradnik-Swanson
	Swarth-Zon

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

8

Alaska, 1939

Advisory Board

Alaska Division

Administrative problems

Badge, Department of the Interior, Carl L. Hubbs, Field  
Representative

Beaver-salmon relations

Frank T. Bell

Partial bibliography on Alaska

Bureau Organization

Conferences ahead

Correspondence, 1939, Allen-Burlew

9

Cahalane-Delacy

Department of the Interior

Wilbur E. Dow, Jr.

Dufresne-Hofstad

Ickes-Kelly

Lebo-Tichenor

Correspondence, 1940-1946

Alleged corruption

Classified Digest of Testimony



**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Alaska, 1939 (Contd)

9

Cooperation

Frederick A. Davidson

Diary

Field diary, June 13-September 22, 1939

Field diary, October 24-28, 1939

Field notes

Field notes, address book

Fish culture

Material from William Erskine

Game Fish Problems and Report, 1939

Gear controversies

Material from J.N. Gilbert

Herring problems

Elmer Higgins

Individuals indirectly connected with Alaskan Fisheries

Intermediaries

Japanese invasion

Letters, wires, etc. relating to Alaskan Itinerary

Map

10

Fishes in relation to native welfare

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Alaska, 1939 (Contd)

10

Newspapers

Material from Earl Ohmer

Photographs

Political control

Pollution

Predator control

Predator control

Correspondence

Regulation, permits and personnel

Dolly Varden, Newhalen River trout caught for bounty,  
photographs

Pribilofs, island administration

Problems of personnel of Bureau of Fisheries

Regulation &amp; Enforcement Test

Preliminary report on the administration of the Alaska Fisheries  
by Carl L. Hubbs, November 30, 1939"Report to Secretary of the Interior on malfeasance and corruption  
in the Bureau of Fisheries," typescript, pp. 1-97

pp. 98-132

pp. 133-229

11

pp. 230-270 and exhibits

Drafts of Hubbs reports

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Alaska, 1939 (Contd)

11

Drafts of Hubbs reports

pp. 1-100

pp. 101-200

pp. 201-300

pp. 301-400

pp. 401-468

Typescripts, installments 1-5 (pp. 1-97)

12

Typescripts, installments 6-9, (pp.98- 150)

Typescripts, installments 10-14 (pp.151-270)

Typescripts, additional exhibits

Hubbs report, diagrams

Research

Salmon Industry

Salmon Industrialists

Sanitation

Sardine problems

Scientific staff

Stream improvement

Supplementary

Fisheries Technological Laboratory

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Alaska, 1939 (Contd)

12

Territorial interest

Testimony, June 25, 1939, San Francisco

June 26, 1939, San Francisco

June 27, 1939, San Francisco

June 29, 1939, Seattle

J.N. Gilbert, former cannery official, Seattle, July 2, 1939

July 3, 1939

J.R. ("Bob") Russell, Seattle, July 4, 1939

Helen Troy Bender, on ALASKA, July 4-6, 1939Leo Roduta, Philippine foreman at Hidden Inlet Cannery Co.,  
Ste. ALASKA July 4-6, 1939

July 5, 1939

July 6, 1939, Metlakatka

Frank Dufresne, July 6-7, 1939

July 7, 1939, Wrangell

July 8, 1939

Frank Bean, McKinley National Park, July 9, 1939

William Smith, angler and engineer on Alaska RR, July 10,  
1939

July 12, 1939

Joe Green, Territorial Tax Collector, Naknek, July 12-13, 1939

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Alaska, 1939 (Contd)

Testimony (Contd)

12

July 13, 1939

Fred Lucas, Assistant Agent, Bureau of Fisheries, Bristol Bay, July 13-15, 1939

July 14, 1939

July 15, 1939

July 16, 1939

July 18, 1939

A.J. ("Dirk") Heathcock, nephew of Frank Bell, deckhand on BROWN BEAR, July 19, 1939

July 20, 1939, St. Paul Island, Pribilof Islands

July 21, 1939

July 22, 1939, St. Paul Island

Mr. C.M. Hoverson, teacher, St. Paul, July 23, 1939

Hickman Sommerseth, mechanic, St. Paul, July 24, 1939

July 25, 1939, St. George Island

Albert van der Venter, coast guard, and E. Kugler, American Pacific Whaling Co., July 26, 1939

Mr. and Mrs. Everett Watrous, school teachers, Akutan Native Village, July 27, 1939

July 28, 1939

July 29, 1939

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Alaska, 1939 (Contd)

Testimony (Contd)

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July 30, 1939, Sand Point

July 31, 1939

August 1, 1939

August 2, 1939

August 3, 1939, Alitak

August 4, 1939

August 5, 1939

August 6, 1939

August 7, 1939

August 9, 1939

August 10, 1939

Capt. Roy L. Cole, Anchorage, August 10 &amp; 11, 1939

August 12, 1939, Cordova

August 14, 1939

August 15, 1939, Juneau

August 16, 1939, Juneau

August 17, 1939, Juneau

13

August 18, 1939

August 19, 1939

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Alaska, 1939 (Contd)

Testimony (Contd)

13

August 20, 1939

August 21, 1939, Juneau

August 22, 1939

August 23, 1939

August 24, 1939

August 25, 1939

August 26, 1939

August 27, 1939

August 28, 1939

August 29, 1939

August 30, 1939

August 31, 1939

September 1, 1939, Petersburg

September 2, 1939

September 3, 1939

September 4, 1939

September 5, 1939

September 6, 1939

September 7, 1939

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Alaska, 1939 (Contd)

Testimony (Contd)

13

September 8, 1939, Ketchikan

September 9, 1939, Ketchikan

September 10, 1939

September 11, 1939, Ketchikan

September 12, 1939, Ketchikan

September 13, 1939

September 14, 1939

September 15, 1939, Ketchikan

September 16, 1939

September 20, 1939, Seattle

September 21, 1939, Seattle

September 22, 1939, Seattle

September 23, 1939, Seattle

October 15, 1939, Ann Arbor

Material from Seton Thompson

Utilization of wastes

Vouchers, subvouchers, etc.

Walrus

Lemuel G. Wingard



**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Alaska, 1939 (Contd)

    Testimony (Contd)

13

        Yukon & Kuskokwim opening

Allan Hancock Foundation, 1937-1947

    1948-1978

American Association for the Advancement of Science

    Executive Committee of Science, 1950-1978

Science (Journal), 1947-1953

    Pacific Division, Executive Committee, 1946-1951

        1947 General Meeting, 1946-1947

        1947 Meeting, Correspondence, 1946-1947

14

        1948 Meeting, 1947-1948

        1948 Symposium on Marine Ecology, 1948

        Meetings 1949-1950, 1948-1950

        1951 Meeting, 1950-1951

        1951 Meeting, Symposium, 1951

        Meetings 1952-1965, 1951-1959

        Meetings 1952-1965, 1962-1965

American Cetacean Society, 1968-1977

American Fisheries Society

    General, 1940-1978

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

14	<p>American Fisheries Society (Contd)</p> <p>1939-1978</p> <p>American Heritage Research, 1974-1975</p> <p>American Institute of Biological Sciences</p> <p style="padding-left: 40px;">General, 1949-1971</p> <p style="padding-left: 40px;">Committee on Handbook of Biological Data, 1949-1952</p> <p style="padding-left: 40px;">Committee on Hydrobiology, 1951-1952</p> <p style="padding-left: 40px;">Committee on Hydrobiology, 1953-1956</p> <p style="padding-left: 40px;">Editors' conference, 1956</p> <p style="padding-left: 40px;">Symposium on Elasmobranchs, 1965</p> <p>American Institute of Fishery Research Biologists, 1960-1962</p> <p>American Institute of Fishery Research Biologists, 1963-1977</p> <p>American Malacological Union, 1951-1957</p> <p>American Museum of Natural History, 1942-1960</p> <p><u>American Naturalist</u>-Editorial Board, 1941-1947</p> <p style="padding-left: 40px;">Editorial Board, 1948-1957</p>
15	<p>American Ornithologists Union, 1946-1948</p> <p>American Quaternary Association, 1970</p> <p>American Society of Ichthyologists and Herpetologists (ASIH)-General, 1937-1941</p> <p style="padding-left: 40px;">General, 1942-1947</p> <p style="padding-left: 40px;">General, 1948-1981</p>

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

## American Society of Ichthyologists and Herpetologists (Contd)

15

1946 Meeting, April 16-18, 1946

1947 Meeting, September 1946-September 1947

1948 Meeting, September 1947-April 1948

1948 Meeting, Nominating Committee, March 16-26, 1948

1948 Meeting, New Orleans, Photograph and Key

1949 Meeting, April-July 1949

1950 Meeting, April 1948-July 1950

1951 Meeting, April 1949-June 1951

1953 Meeting, September 1952-April 1953

1954 Meeting, August-September 1954

1955 Meeting, August 1954-August 1955

1956 Meeting, January-June 1956

1957 Meeting, August 1956-August 1957

1958 Meeting, March-August 1958

1959 Meeting, 1958

1959 Meeting, 1959

1960 Meeting, 1960

16

1961 Meeting, 1961

1962 Meeting, May 1962-April 1963

1963 Meeting, n.d.-1960

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

American Society of Ichthyologists and Herpetologists. 1963 Meeting,  
(Contd)

16

1962

January 1963

February 1963

March-May 1963

June 1963-May 1964

1964 Meeting, October 1963-September 1964

1965 Meeting, May 31-June 1, 1965

1966 Meeting, July 1965-May 1966

1967 Meeting, April-June 1967

1968 Meeting, February-June 1968

1969 Meeting, December 1968-August 1969

1971 Meeting, September 1970-August 1971

1972 Meeting, June-July 1972

1973 Meeting, June 1973

17

1974 Meeting, May-July 1974

1975 Meeting, March-June 1975

1976 Meeting, July 1974-June 1976

1977 Meeting, October 1976-October 1977

1978 Meeting, March-May 1978

Western Division, 1946-1964

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

American Society of Ichthyologists and Herpetologists, Western Division, (Contd)

17

1954 Meeting, February-June 1954

1960 Meeting, June 1960

1961 Meeting, June-July 1961

American Institute of Biological Sciences Affiliation, March 1947-December 1964

Associated Society, December 15, 1964

Bibliography, May 1948

Committees, general, 1949-1952

Assistance to Foreign Members Committee, 1947

Conservation Committee, n.d.-1970

Membership Committee, 1947

Conservation Fund, 1967-1968

Copeia, 1935-1966

Editorial, n.d.-July 1957

August 1957-1972

Index, March 29-May 4, 1965

Memorial Number, Klauber, Laurence, May 22, 1968

Nichols, John T., December 1958

Schmidt, Karl, September 1957-February

18

News, n.d.-1977

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

American Society of Ichthyologists and Herpetologists, Copeia  
(Contd)

18

Obituaries, April 1959, December 26, 1968

Publisher, 1957-1961

Reprints, January 1961-March 1965

Reproduction, July 1960-January 1964

Reviews, n.d.-1968

Distinguished Fellow, 1961-1965

Executive Committee, October 1964-June 1965

Exotic species introductions, September 1963-April 1964, March 1970

Financial, 1945-1965

Committee on Fish Classification, January 1951-April 1953

Fish collectors, National Science

Governors, 1946

Herpetologia, July 10, 1946

History, n.d.-1977

Honorary Member, n.d.-1977

Honorary Foreign Member, 1968, September 10, 1974

Marion Grey Award, September 1964-June 1965

Membership, 1949-1974

National Resources Council, 1946-1967

1968

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

American Society of Ichthyologists and Herpetologists, National Resources Council (Contd)

18

1970-1977

1973, 1973-1976

Navy contract, 1963-1964

Nomenclature Committee, n.d.-1957

1962-1974

Officers, 1957-1967

Prizes, 1948-1965

Publications Committee, 1952, 1967

Raney Fund, 1973-1975

Renewable Natural Resources Conference, 1948

Reorganization, May-June 1961

Revolving Fund, 1946-1957

19

Paul K. Anderson, July 15, 1952

W.F. Blair, May-August 1952

Secretary, March 1948

Southeastern Society, March 13, 1953

Storer gift, March 16, 1948

Student awards, 1957-1977

Tax exempt problem, September-October 1964

Translating Committee, April 7, 1960

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

American Society of Ichthyologists and Herpetologists (Contd)

19

UNESCO, April-May 1947

Zoological Record, June-August 1951

American Society of Limnology and Oceanography (ASLO)-General,  
1934-1947

General, 1948-1977

Committees, Aquatic Science, October 1960-May 1961

Executive, 1948-1952

Identification, 1948-1951

Nominating, 1951-1958

Publication, n.d.-1951

Constitution and By-laws, 1949-1962

Meetings, 1950-1969

Membership, 1941-1951

National Research Council representative, June-July 1951

Officers, 1949-1950

Pacific Division, 1948-1968

American Society of Mammalogists, n.d.-1980

1966 Meeting, 1965-1966

American Society of Naturalists, 1931-1966

20

1965 Meeting, November 1965-March 1966

May-October 1965



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20

American Society of Professional Biologists, 1949-1950

American Society of Zoologists- n.d.-1961

Symposium, 1973, 1973-1976

Anatomy and Physiology-General, 1937-1976

Alimentary canal, 1973

Branchiostegals, 1958-1973

Electric organs, 1953-1958

Fin and fin-rays, 1945-1973

Gas bladder, 1952-1975

Intestines, 1963-1974

Lateral line, 1956-1971

Otoliths, 1952-1979

Scales, 1938-1975

Teeth, 1945-1975

Anesthesia, 1952-1957

Applicants, 1946-1975, Agalides-Avila

Baily-Blair

Boden-Burrage

Cogle-Clarke

Clements-Cutler

21

Dahl-DeMartini

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

## Applicants (Contd)

21

DeSola-Dykes

Eaton-Fulton

Furuno-Gunter

Hafiz-Haitt

Hibbard-Hunt

Idaho-Kamemoto

Kan-Kunnenkari

Lachner-Lyon

MacDonald-Messersmith

Metcalf-Museum of Comparative Zoology

22

Nakabayashi-Pacheco

Painter-Prodanovich

Quast-Ripley

Rivas-Russell

Santa Barbara-Slipp

Sloan-Solomon Raju

South-Swerdloff

Tack-Tyler

Udvardy-Utah St. Agricultural College

Van Cleve-Wilimovsky

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Applicants (Contd)

22

Willers-Zimmerman

Aquaculture, 1943-1980

23

Aquaria-General, 1950-1955

General, 1956-1978

Economic Feasibility and Planning Study, San Diego Marine  
Park, 1960

High Pressure Aquarium Conference, September 1970-January 1971

Japan, 1967-1970

Aquarium Culture, 1920-1935

1936-1941

1942-1972

Feeding, n.d.-1943

Aquatic Research Institute, 1962-1964

Archaeology, 1970-1984

General, notes and photos, 1947-1976

References, 1951-1978

Newspaper clippings, 1947-1981

Manuscript with G.F. Carter, c1956

24

1950-1955

Manuscript, Middle America, correspondence, 1959-1960

1961-1965

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SUBJECT FILES (Contd)**

24

Archaeology, General correspondence, 1945-1977

Aldine-Bushnell

Carter, George F.

Chapin-Emery

Everham-Gifford

Griffin-Heizer

Herring-Lorenzo

Malde-Meighan

Menzies-Oakley

Orr, Phil C.

Owen-Riddel

Rieber-Rozaire

Sauer-Simpson

Smith-Woodward

Subjects, artifacts, 1962-1967

Fire evidence, 1955-1959

Middens, n.d.

25

Middens, 1945-1955

Middens, 1956-1967

Middens, mollusc analysis, 1966

Naturifacts, 1953-1959

Plant identifications, 1959-1962

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Archaeology, Subjects, artifacts (Contd)

25

Salvage, 1963

Submarine archaeology

Localities, Africa, 1966-1982

Alaska, 1964-1982

Arizona, 1942-1965

California, 1955-1980

Buena Vista Lake, Kern County, 1965-1966

Catalina Island, 1966, 1974

Channel Islands, 1962-1970

China Lake, 1965-1976

Lake LeConte, 1947-1974

Panamint Valley, 1964-1966

San Diego County, Manuscript ["Five California Indian Middens adjacent to coastal lagoons,"] n.d.

Del Mar Man, newspaper clippings, 1974-1979

La Jollan Culture, 1962-1972

San Luis Rey, 1957-1977

General correspondence, 1956-1982

Silver Strand, Coronado, 1961-1976

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Archaeology, Localities, California, San Diego County (contd)

- 25                                      Silver Strand, Coronado, Manuscript [Occupational and  
Paleoecology of the Silver Strand], 1975
- Texas Street site, 1980
- San Luis Dam, 1963-1980
- Santa Rosa Island, 1955-1966
- Ventura County, 1966-1975
- Florida, 1966-1971
- 26                                      Great Plains (Indian Paintings), 1971
- Guatemala, 1961-1975
- Louisiana, 1961-1970
- Mexico, 1949-1974
- Bahia de Los Angeles, 1964-1965
- Baja California, 1957-1961
- Tiburon Island, 1960-1966
- Nevada, Tule Springs, 1959-1963
- Oregon, 1957-1966
- Washington, 1963-1967
- Arizona-Sonora Desert Museum, 1957-1969
- Associates in Tropical Biogeography, 1942-1953
- Baruch Foundation, 1965-1969
- Beaudette Foundation, 1959-January 1964

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26

Beaudette Foundation, April 1964-1965

Behavior-General, 1946-1977

Nocturnal, 1974

Predator-Prey, 1966-1977

Reproduction, 1966

Schooling, 1948-1976

Swimming, pattern of rays, 1954-1965

Bibliography of Fishes (by American Museum of Natural History),  
1963-1973

Biographic-General, 1964

Abbott, Clinton G., March 1946

Abe, Takiharu, 1977-1982

Abul-Ela, Ibrahim, 1948

Adams, L.A., 1939

Agassiz, Louis, 1951-1955

Ahlstrom, Elbert H., 1966-1979

Crown Prince Akihito, 1964-1976

Alexander, Annie M., 1958

Allanson, Audley A., 1950-1959

Allee, W.C., 1951

Allen, W.E., 1947

Allison, Edwin C., 1971

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

## Biographic (Contd)

26

Alm, Gunnar, 1962-1963

Andrews, E.W. IV, 1971

Andrews, Roy Chapman, 1960

Angell, Carleton W., 1955

Arai, Hisao, 1954-1960

Arrhenius, Gustaf, 1975

Arthur, David K., 1948-1956

Ashley, Laurence M., 1951-1955

Austin, Thomas S., 1951-1952

Avila, Enrique, 1969

Axelrod, Glen S., 1978

27

Axelrod, Herbert R., 1966

Badawi, Hussein K.A., 1965-1966

Bailey, Reeve M., 1944-1975

Baird, Spencer F., 1964

Ball, Orville P., Jr., 1950-1964

Banarescu, Petru M., 1975-1978

Banasopit, Thien, 1964

Bancroft, Griffing, 1955

Barbour, Clyde D., 1971



**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

## Biographic (Contd)

27

Bardach, John, 1971

Barham, Eric G., 1973

Barlow, George H., 1954-1975

Barnhart, Spencer, 1951-1952

Barraclough, W.E., 1948-1952

Barrett, Izadore, 1971

Barsukov, V.V., 1975

Bartholomew, George, 1972

Bartlett, H.A., 1960

Bauchot, M.L., 1975

Baughman, J.L., 1948

Bauman, Aden C., 1945

Baxter, Dow, 1947-1966

Becker, H. Ray, 1956

Beckman, William, 1944-1957

Beebe, William, 1969-1978

Berdegue, Julio, 1953-1957

Berg, L.S., 1937-1979

Berry, Frederick H., 1959-1962

Bigelow, H.B., 1968-1976

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

## Biographic (Contd)

27

Birge, 1957

Bergin, Thomas, 1976-1968

Berkson, Harold, 1959-1963

Berner, Leo D., 1966

Bieri, Robert, 1954-1955

Bjerknes, J.A.B., 1977

Black, John D., 1944-1973

Blakeslee, A.F., 1959

Blanchard, F.C., 1977

Bleeker, Pieter, n.d.

Blossom, Philip M., 1960

Boden, Brian Peter, 1946-1966

Boeseman, M., 1975-1977

Bohlke, James E., 1969

Bolin, Rolf L., 1948-1973

Bollinger, John A., 1963-1964

Bonnot, Paul, 1951

Boren, Lamar, 1960-1983

Boschma, H., 1976-1977

Bowes, Gerald W., 1966

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

## Biographic (Contd)

27	Bowman, Thomas H., 1948-1953
	Boyd, Carl Milton, 1955-1962
	Bramlette, M.N., 1964-1978
	Branson, Peter S., 1950-1951
	Breder, C.M., Jr., 1958-1978
	Brinton, Edward, n.d.-1957
	Brock, Vernon E., 1944
	Brockman, Frederick W., 1962-1974
	Bronk, Detlev, 1975
	Brothers, Edward B., 1973-1978
	Brues, C.T., 1955
	Bruun, Anton, 1949-1962
	Bryant, H.C., 1954
	Buchwald, Nathaniel A., n.d.-1965
	Bullock, T.H., n.d.-1978
28	Burnette, Julian, 1967
	Bush, Vannevar, 1974
	Buzzati-Traverso, Adriano, 1952-1956
	Cagle, Fred R., n.d.-1946
	Cain, Stanley A., 1946

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

## Biographic (Contd)

28	Camp, Charles Lewis, 1977
	Campbell, Robert S., 1944
	Cannon, Mott Dwight, 1951
	Cannon, Ray, 1974-1977
	Capurro, Luis R.A., 1948-1965
	Carbine, William F., 1946-1973
	Carr, Archie, 1959
	Carranza, Jorge, 1953-1967
	Carrick, Louis B., 1954
	Carter, John G., 1953
	Carver, Harry C., 1971
	Case, Ermine Cowles, 1953-1954
	Casey, Richard E., 1959-1961
	Chabanaud, Paul, 1959-1960
	Chace, Emery P., 1967
	Chang, Norman, 1950-1952
	Chapman, Wilbur M., 1943-1971
	Chen, Johnson T.F., 1962
	Chen, Lo-Chai, 1965-1971
	Chen, Tchaw-ren, 1964-1966

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## Biographic (Contd)

28	Child, Charles Mannin, 1955
	Chu, Yuan Ting, 1946-1976
	Church, Ron, 1973-1974
	Clark, Austin H., n.d.
	Clark, Eugenie, n.d.-1978
	Clark, Frances K., 1948-1975
	Clark, O. Horace, 1963-1979
	Clausen, Curtis Paul, 1893-1976
	Clay, William M., n.d.
	Clemens, Wilbert Amie, 1964-1965
	Clench, William J., 1966
	Clendenning, Kenneth Andrew, October 1962
	Clothier, Charles R., 1957
	Cloud, Preston, 1978-1979
	Coates, Christopher, 1973-1974
	Coatsworth, James, 1961-1964
	Cockerell, Theodore D. Alison, 1948-1966
	Coe, Wesley Roswell, n.d.-1968
	Cohen, Daniel, 1978
	Colton, John B., Jr., 1947

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## Biographic (Contd)

28

Comstock, John Adams, 1970-1971

Comstock, John Henry, 1960

Conant, Roger, 1970-1979

Congleton, James L., n.d.-1966

Cook, A.B., 1964

Cook, Fannye A., 1966

Cook, Sherburne Friend, 1977

Coolidge, Harold J., 1979-1983

Cooper, Gerald Paul, 1950-1976

Cope and Marsh, 1971

Courtenay-Latimer, Majorie, 1971

Cowles, Raymond Bridgeman, 1947-1977

Cox, Charles, 1952-1954

Crandall, Wesley Clarence, 1947

Crane, Horace Richard, 1965

Crawford, Ronald, 1949-1971

Creaser, Charles W., 1946-1965

Creasor, Edwin P., Sr. &amp; Jr., 1949-1969

Cressman, Luther S., 1971-1979

Cromwell, Townsend, 1949-1958

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28	Crouch, James Ensign, 1963
	Crowe, Walter R., 1969
	Crozier, George, 1963-1966
	Culver, George B., n.d.-1952
	Curoe, Daniel, 1975-1978
	Curran, Wesley, 1946
	Curtis, Brian, 1960
	Davidson, George, 1950
	Davies, David H., 1958-1966
29	Davis, Emma Lou, 1963-1966
	Dawbin, William H., 1949-1967
	Dawson, E. Yale, 1950-1964
	Deacon, James E., 1976
	Deason, Hilary J., n.d.-1971
	de Beaufort, Lieven Ferdinand, 1968-1969
	de Buen, Fernando, 1961-1962
	Decae, Christian, 1963
	Delacour, Jean, n.d.
	Dence, Wilford A., 1962
	des Granges, Pauline, 1967

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## Biographic (Contd)

29

de Sylva, Donald, 1953

De Witt, Hugh H., 1972

Dice, Raymond Lee, 1957-1977

Dill, Robert F., 1954-1962

Dobzhansky, Theodosius, 1976-1977

Dockins, Donald M., 1956-1959

Doudoroff, Peter, 1945-1947

Douglas, Everett M., 1961-1975

Devincenzi, 1945

Drury, Newton B., 1973

Dufresne, Frank, 1955

Duncker, George, 1953

Dunn, Emmett Read, 1956

Dymond, John Richardson, 1963-1966

Eastman, Joseph T., 1977

Eaton, Grace, 1948-1950

Ebeling, Alfred Wallace, 1954-1977

Eckart, Carl, 1977

Eberhardt, Robert L., 1951-1961

Eddy, Samuel C., 1972-1973



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29	Ege, Vilhelm, 1962-1963
	Eggleton, Frank E., 1964-1970
	Eigenmann, Carl H., n.d.-1978
	Eigenmann, Rosa Smith, n.d.-1973
	Eigenmann Library Correspondence, 1927-1936
	Eisen, Gustavus Augustus, 1940
	El Sayed, Z., n.d.-1953
	Emerson, William K., 1960-1977
	Epling, Carl Clauson, 1968-1970
	Eschmeyer, R.W., 1950-1955
	Evans, Bryant F., 1976
	Evans, William E., 1977
	Evermann, Barton Warren, 1943
	Ewan, Joseph, 1966
	Ewing, Gifford C., 1954-1979
	Ewing, W. Maurice, 1960-1974
	Eyerdam, Walter, 1969
	Fang, Walton Lee-Shing, 1977
	Farner, Donald S., October 1978
30	Farquhar, G. Brooke, 1961-1966

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30

Fassett, H.C., 1953-1954

Ferris, Roxanna, 1975-1978

Fish, Marie Poland, 1947

Fisher, Walter Henrick, 1954

Fitch, John E., 1949-1979

Flechsigs, Arthur O., 1949-1975

Fleminger, Abraham, March, 1950

Fleming, Guy L. &amp; Margaret Eddy, 1960-1977

Flint, Richard Foster, October 1976

Flynn, Errol, 1959-1979

Focke, Alfred B., n.d.-1953

Follett, W.I., 1965-1976

Forskals, 1964-1965

Ford, Richard F., 1959-1965

Fowler, Henry Weed, 1960-1965

Fox, Denis L., 1951-1977

Fraser, Francis Charles, December 1978

Fritzsche, Ronald A., 1973-1978

Furgason, Waldo, May 1977

Gabrielson, Ira Noel, n.d.-1977

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30

Gaige, Frederick M. &amp; Helen, 1945-1977

Gander, Frank, April 1976

Gardiner, David M., 1975-1978

Gardner, Erle Stanley, 1967-1978

Garman, Samuel, 1966

Garrick, J.A.F., October 1969

Gates, David M., 1971

Gentry, Roger Lee, 1966

Gerhard, William J., 1959

Gerking, Shelby, 1945-1952

Gery, Jacques, 1966-1972

Gianella, Vincent P., February 1976

Gilbert, Charles H., n.d.-1943

Gilbert, J.Z., November, 1973

Gilbert, Perry H., 1960-1979

Gilmore, Raymond M., 1952-1977

Ginsburg, Isaac, n.d.-1976

Giovannoli, Leonard, January-February 1971

Glick, Perry A., September 1977

Gloyd, Howard K., May 1977

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30

Gmelin, May 1970

Goodrich, Calvin, 1944-1947

Gordon, Myron, n.d.-1959

Gordon, Seth, January 1958

Greeley, John R., March 1978

Greenbank, John T., 1944-1954

1955-1960

1961-1978

Greene, C. Willard, 1964

Greenfield, David W., October-November 1974

Gregory, William King, 1975-1976

Grey, Marion, March-April 1964

Grobstein, Clifford, 1965

Griffin, James B., 1972-1975

31

Groody, Thomas Conrad, 1949-1952

Gudger, Eugene W., 1953-1956

Gunter, Gordon, 1955-1962

Gunther, Albert, 1966-1968

Hairston, Nelson G., 1967

Hale, Peter G., January 1954

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31

Hall, Anita Smith, n.d.-1953

1954-1960

1961-1964

Hall, Robert Burnett, April 1974

Hammond, Earle D., December 1972

Hankinson, T.L., January 1963

Hanna, G. Dallas, November-December 1970

Hardenberg, J.D.S., 1946-1947

Harrington, Robert H., Jr., March-April, 1977

Harry, George Y., 1967-1979

Harry, Robert Rees, 1944-1945

Hart, Bill, September 1947

Harting, Norman C., February-March 1964

Harvey, George, 1957-1972

Hasler, Arthur Davis, June 1978

Hastings, A. Baird, 1966-1975

Hatt, Robert T., November 1976

Haxo, Francis T., July 1955

Heath, Harold, April-May 1951

Hazzard, Albert S., 1963-1979

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31                      Hedgpeth, Joel Walker, 1951-1978

                            Heilbrunn, Lewis Victor, February 1960

                            Heizer, Stephen, 1962-1965

                            Hennemuth, Richard C., 1954-1959

                            Herre, Albert W.C.T., 1948-1962

                            Herald, Earl Stannard, 1946-1974

                            Hertlein, Leo George, January 1972

                            Hester, Frank J., 1960-1973

                            Hetzler, Robert H., January-March 1959

                            Hiatt, Robert W., January 1974

                            Hibbard, Claude W., 1973-1976

                            Hikita, Toyokiko, December 1975

                            Hildebrand, Samuel F., 1949-1950

                            Hile, Ralph, October 1972

                            Hirohito, 1975

                            Hobson, Edmond S., 1965-1967

                            Hoedeman, J.J., September-October 1962

                            Hoese, Douglas F., 1964-1978

                            Hoffmaster, P.J., March 1951

                            Hoijer, Harry, May 1977

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Holcik, Juraj, 1978-1979

Holder, Charles Frederick, March 1956

Holleman, W. Roy, n.d.

Holmes, Harlan B., March 1976

Holmes, Robert, n.d.

Hopkins, Clark, November 1976

Hopkins, Thomas S., 1963-1967

32

Hora, Sunder Lal, 1944-1956

Hourston, Alan Stewart, 1951-1959

Howard, Hildegarde, July 1978

Howard, John K., March 1975

Hrdlicka, Ales, January 1977

Huberty, Martin Richard, April 1962

Huey, Laurence M., 1961-1963

Huntsman, A.G., January 1974

Huxley, Julian, February 1975

Hyman, Libbie, March 1971

Idyll, C.P., November 1976

Innes, William Thornton, 1950-1966

Iselin, Columbus O'Donnell, June-July 1966

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32	Isaacs, John Dove, 1949-1978
	Jahn, Theodore L., 1978-1979
	James, Pilli Sugana Bhusana, 1963-1965
	Jehl, Joseph R., Jr., 1974-1977
	Jennings, Herbert S., March 1943
	Jensen, David, 1956-1976
	Jobes, Frank, June 1969
	Johnson, George David, 1973-1978
	Johnson, Martin Wiggo, March 1959
	Johnson, Raymond E., 1944-1974
	Johnson, Robert Karl, 1971-1977
	Jones, Laurence, 1960-1967
	Jones, Robert D., 1951-1963
	Jones, S., 1974?
	Jordan, C. Basil, June 1970
	Jordan, David Starr, n.d.-1976
	Joseph, David C., 1949-1959
	Kamath, Ganesh, September-November 1962
	Kask, J., August 1946
	Kampa, Elizabeth, 1947-1977



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32	Kaplan, Joseph, October-December 1972
	Kelly, Arthur Louis, n.d.-1966
	Kelly, Arthur Louis, 1967-1979
	Kellogg, Remington, 1962-1972
	Kendall, Lena, December 30, 1968
	Kenney, David W., October 18, 1971
	Kerr, John Polk, 1957-1960
	King, Willis, May-June 1977
	Kingsley, J.S., 1929
	Klauber, Laurence M., 1946-1968
	Kleiber, Max, n.d.
33	Klein, Hans T., September 1972
	Knight, Archibald P., October 1935
	Knight(Riedel), Margaret, August 1955
	Knauss, John A., May 1961
	Kobayashi, Bert, 1959-1978
	Koelz, Walter, 1957-1968
	Kosswig, Curt, January 1970
	Kott, Edward, 1976-1978
	Koumans, Frederick Petrus, n.d.-1978

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33

Krejsa, Richard, 1954-1966

Krumholz, Louis Augustus, 1944-1960

Kuchnow, Karl, 1963-1976

Kuebler, Lawrence C., July 1975

Kuhne, Eugene R., 1944-1972

Kuo, Ching-Ming, 1963-1971

1972-1977

Kuronuma, Katsuzo, 1946-1978

Lachner, Ernest A., March 1957

Lagler, Karl F., 1945-1977

Lake, Charles T., September 1940

Lang, Bui Thi, 1961-1964

Larkin, Peter A., June 1963

Lek, Louis, July 1951

Leonard, Justin H., 1975-1977

Leopold, Aldo and family, 1965-1978

LeSueur, September 1943

Leverett, Frank, 1945

Lewis, Roger H., 1964-1969

Liljeblad, Edward M., June 1954

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33	<p>Limbaugh, Conrad, 1949-1972</p> <p>Lin, Teh Ping, 1943-1954</p> <p>Lindberg, G.U., 1976-1977</p> <p>Linder, Milton J., 1973-1975</p> <p>Lindsay, Casemir C., 1966</p> <p>Lindsay, George E., 1963-1975</p> <p>Linnaeus, Carolus, 1955</p> <p>Lint, Kenton C., 1976</p> <p>Little, Clarence Cook, 1972-1975</p> <p>Linthicum, Darwin Scott, 1969-1971</p> <p>Livingston, Robert J., 1963-1968</p>
34	<p>Lockley, Arthur S., n.d.-1968</p> <p>Losey, George S., Jr., 1964-1978</p> <p>Lyman, John, November 1977</p> <p>MacGinitie, George, October 1969</p> <p>Mago Leccia, Francisco, May 1977</p> <p>Mahadeva, Narayanan, 1954-1966</p> <p>Mahmoud, Aboul-Fotooh Abdel-Latif, 1957-1960</p> <p>Maldonado-Koerdell, M., 1972-1973</p> <p>Mann, William, 1956-1960</p>

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34

Manter, Harold W., 1972-1974

Manuel, Canuto G., 1945-1979

Mao, Han-Lee, 1950-1954

Marr, John C., 1978

Martin, William Robert, 1944-1963

Matsubara, Kiyomatu, 1963-1973

Mathias, Mildred E., 1974-1975

Maysilles, James H., 1944

McBlair, William, 1949-1956

McClintic, J. Robert, n.d.-1952

McConnaughey, Bayard, 1949-1950

McCosker, John Edward, 1970-1973

McEwen, George Francis, 1951-1976

McFarland, William, 1954-1957

McHugh, John Lawrence, 1945-1976

McMurry, Kenneth C., 1964-1976

McPhail, John Donald, 1959-1971

Meinken, Hermann, 1957-1976

Menon, A.G.K., 1957-1977

Merriman, Daniel, 1966-1978

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34	Metzelaar, Jan Marie, 1929-1950
	Michener, Charles Duncan, 1965
	Miller, Alden Holmes, June 1967
	Miller, Jacquelin Neva Kentner, 1956-1977
	Miller, Loye Holmes, n.d.-1969
	Miller, Richard B., 1959
	Miller, Robert C., October 1953
	Miller, Robert Rush, n.d.-1976
	Minckley, Wendell L., 1976
	Mitchell, Samuel Catham, April 1954
	Moffatt, John, March 1975
	Moffatt, Nancy M., September 1977
35	Mohr, Erna, 1937-1970
	Montalban, May 1945
	Moodel, G.E., 1968-1969
	Moore, Emmeline, 1944
	Moore, George A., 1946-1975
	Morgan, John, 1967
	Morris, James E., 1974-1979
	Morris, Robert, 1949-1967

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35

Mortimer, C.H., October 1973

Morton, William Markham, 1975-1976

Moser, H. Geoffrey, 1972-1974

Munk, Walter Heinrich, 1952-1976

Munz, Frederick, n.d.-1957

Murie, Olaus J., n.d.-1977

Murphy, Robert Cushman, March 1973

Myers, George Sprague, n.d.-1978

Nafpaktitis, Basil G., 1963-1978

Needham, Paul R., 1965-1966

Needler, A.W.H., June 1963

Nelson, Edmond William, 1966

Nelson, Gareth, February-March 1971

Nelson, Joseph Schieser, June-August 1965

Netting, M. Graham, 1952-1974

Neushul, Michael, 1959-1964

Newcombe, Curtis, November 1949

Newman, Murray Arthur, 1951-1976

Nichols, John Treadwell, 1944-1959

Nikolski, G.V., 1977-1978

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

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35 Nishikawa, Katsuo, December 1941

Nishiwaki, Masaharu, April 1968

Norman, John R., July-August 1944

Norris, Kenneth S., n.d.-1979

North, Wheeler J., 1951-1971

Ochiai, Akira, January 1976

O'Connell, Charles P., 1955-1963

Okada, Yaichiro, 1945-1977

Okelberg, Peter Olaus, 1960

Oliva, Ota, 1967-1979

Oppenheimer, Carl H., Jr., 1952

O'Roke, Earl C., 1958

Orr, Glenn, 1971

Orr, Phil C., 1955

Orr, Robert T., 1975

Orton, Grace L., 1955

Osborn, Fairfield, 1966

Osburn, Raymond, 1956

Pai, M. Vasuder, 1960-1961

Pantin, Carl Frederick Abel, n.d.

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35	Paranjape, Malidu, 1962-1963
	Parin, Nicolay V., 1976
	Parker, Horace, 1977
	Parr, A.E., 1944
	Parr, Terence David, 1965-1971
	Patrick, Ruth, 1975
	Pearse, Arthur Spencer, 1946-1960
	Perlmutter, Alfred, 1945-1966
	Perrin, William Fergus, 1967-1979
	Perry, L. Edward, 1944-1975
	Peterson, Richard Spencer, 1969-1972
	Peyer-Amsler, Bernhard, 1963
36	Pfaff, J.R., 1959
	Pflieger, William, 1976-1977
	Phillips, Richard P., 1966
	Phillipps, W.J., 1964
	Pickwell, George Vincent, 1963-1964
	Pietschmann, Viktor, 1957
	Pilse, Gordon C., 1969
	Pillay, T.V.R., 1951-1959



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36	Pilson, Michael E.L., 1964-1971
	Pister, Edwin Phillip, 1976-1978
	Pope, T.E.B., 1959
	Post, Alfred, 1977
	Poulter, Thomas C., 1978
	Pournelle, George Henry, 1972
	Powell, Patricia, 1976
	Pray, Leon J., 1966-1975
	Preslan, Janet Evelyn Akers, 1964-1967
	Putnam, Frederic Ward, 1966
	Quast, Jay Charles, 1954-1976
	Radford, Keith, 1960-1975
	Rafinesque, 1943
	Rakestraw, Norris W., 1956
	Randall, John E., 1974-1978
	Raney, Edward C., 1945-1978
	Rathbun, Mary Jane, 1971
	Rathke, Jens, 1971
	Rawson, Donald Strathearn, 1961
	Ray, Dixy Lee, 1973-1977

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36

Reavley, William Louis, 1965

Rechnitzer, Andreas B., n.d.-1974

Regan, C. Tate, 1943

Reif, Wolf-Ernst, 1971

Reighard, Jacob 1942-1943

Revelle, Roger Randall Dougan, 1951-1977

Rice, David, 1955

Rich, Willis H., 1943-1972

Richardson, L.R., 1966

Richmond, Edward Avery, 1971

Ricker, W.E., 1973-1974

Ritter, William Emerson, 1967-1971

Rivas, Luis Rene, 1946-1959

Roberts, Tyson R., August-November 1977

Robins, C. Richard, 1962-1964

Robinson, Margaret K., February 1954

Rogers, Malcolm Jennings, 1960-1977

Rollefsen, Gunnar, November 1969

Romer, Alfred Sherwood, n.d.-1973

Rosenblatt, Richard H., 1954-1961

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36

Rosenblum, Edwin E., 1957-1961

Ross, Roland Case, December 1975

Rothschild, Brian, January 1974

Roughley, Theodore Cleveland, February-March 1961

Royce, William F., June 1958

Rubinoff, Ira, September 1965

Runnstrom, Sven, 1959-1964

Ruthling, Paul, 1947-1950

Ruthven, Alexander Grant, 1951-1971

Salyer, J. Clark II, n.d.-1977

Sars, Michael, 1968

Sattler, Martin G., 1965-1967

Sauer, Carl Ortwin, n.d.

Saunders, Paul R., December 1962

Schaefer, M.B., 1967-1971

Scammon, Charles M., 1966-1968

Schechtman, Abraham Mandel, 1963-1964

Scheffer, Victor B., 1969

Scheuerle, Joe, 1971

Schmidt, Armin V., September 1972

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36 Schmidt, Karl Patterson, (1890-1957), n.d.-1975  
Obituary Material, 1957

37 Schmitt, Waldo L., n.d.-1979  
Scholander, Per Fredrik, 1958-1973  
Schroeder, Charles R., 1958-1973  
Schroeder, William C., 1973-1977  
Schultz, Leonard P., 1935, 1969-1979  
Schultz, R. Jack, 1970-1971  
Schulz, Helmuth, January 1958  
Scofield, Norman Bishop, 1958-1959  
Scott, E.O.G., April 1975  
Scott, John W., June 1951  
Scott, Peter Markham, January 1966  
Seale, Alvin, 1941-1959  
Sedgwick, Charles, March-April 1975  
Sefton, Joseph Weller, Jr., 1954-1978  
Sellards, Elias Howard, n.d.  
Sessions, Kate, June 1977  
Shapiro, Sidney, 1944-1950  
Shapovalov, Leo, March 1973

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37

Shaw, Charles Edward, June 1971

Sheard, Keith, June 1966

Shepard, Francis P., 1964-1978

Shetter, David Sibbey, 1970-1971

Shimada, Bell M., June 1958

Shiraishi, Yoshikazu, February 1973

Shull, Aaron Franklin, November 1961

Silas, Eric Godwin, May-July 1955

Silva, Paul Claude, 1950-1951

Singh, S.P., 1946-1978

Slijper, Everhard Johannes, 1969

Sloan, Phillip R., 1960-1977

Smith, James Leonard Brierley, n.d.-1976

Smith, Lloyd L., Jr., 1947-1978

Snodgrass, James Marion, 1968-1972

Snyder, John Otterbein, 1943-1944

Sommermyer, Clinton H., March 1966

Soulen, G.H., 1944-1947

Sparrow, Frederick K., August 1977

Spencer, Jack T., 1977



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37	Tait, Howard D., December 1970
	Talbot, Frank H., 1965-1975
	Tan, Eng-Chow, 1963-1964
	Tanaka, Shigeho, 1974-1978
	Tandon, H.K., 1960-1979
	Tarwell, Clarence M., 1945-1978
	Taylor, Frederick H.C., 1947-1957
	Taylor, Leighton Robert, Jr., 1965-1978
	Taylor, Peter Berkely, 1963-1964
	Tee-Van, John, February-March 1961
38	Terrill, Harold V., 1956-1976
	Tester, Albert L., 1974-1977
	Thienemann, August, April 1960
	Thompson, Crystal, December 1962
	Thompson, David H., August 1944
	Thompson, Donald Arthur, 1973-1976
	Thompson, William F., 1965-1966
	Thorson, Gunnar, 1971
	Tortonese, Enrico, 1965-1978
	Train, Percy, February 1978

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38

Trautman, Milton B., 1952-1978

Trewavas, Ethelwynn, 1963-1978

Tucker, Denys, November-December 1960

Tucker, Gordon H., December 1962

Turner, C.L., 1968-1969

Uchida, Keitaro, July 1977

UmaDevi, P., September 1978

Urey, Harold C., 1957-1966

Usinger, Robert Leslie, March 1970

van Deinse, Antonius Boudewyn, July 1965

van der Schalie, Henry, 1957-1979

Van Dorn, William G., June-July 1953

Van Oosten, John, January 1966

Villadolid, Deogracias, 1932-1976

Viosca, Percy, Jr., 1961-1962

Vogt, Kenneth D., 1974-1979

Wales, J.H., January 1948

Walford, Lionel A., 1979

Walker, Boyd W., n.d.-1946

1947-1971



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38

Walker, Charles F., 1979

Walker, Lewis Wayne, 1966-1973

Walker, Theodore J., 1951-1975

Walters, Vladimir, 1973-1977

Ward, Morgan, 1963

Warren, Claude N., 1962-1964

Washburn, George N., 1965-1975

Washburn, Sherwood L., March 1975

Watanabe, Masao, October 1974

Watson, D.M.S., July 1937

Weber, William A., December 1979

Weisel, George F., 1943-1947

Weisel, George F., 1948-1979

Welch, Paul S., October 1959

Westerman, Fred A., June 1959

Wheelock, Charles D., 1953-1962

Whitaker, Thomas W., June 1976

Whitehead, Peter J., January 1979

Whitley, Gilbert P., 1948-1975

Whitlemore, Harlow O., 1979

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38

Wickliff, Edward, 1968

Wilimovsky, Norman J., 1945-1956

Williams, Frank, 1975

Williams, George C., n.d.-1955

Williams, Milo Woodbridge, n.d.-1948

Wilson, Paul Aleck, 1954-1955

Winterbottom, Richard, August 1978

Wintesteen, John, 1959-1968

Wisner, Robert Lester, n.d.-1952

Wolschlag, Donald E., July 1965

Wood, Forrest G., Jr., July 1963

Woods, Loren P., January 1979

Wooster, Warren, 1953-1957

Wylie, Fred H., August 1951

Yamamoto, Michiya, 1952

39

Yamamoto, Toki-o, 1970

Yang, Rong-tszong, April-September 1964

Yonge, C.M., August 1964

Yoon, David, 1963-1964

Zahuranec, Bernard J., 1960-1968

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39

Zarur Menez, Amin, 1963-1964

ZoBell, Claude Ephraim, 1951-1979

Bioluminescence, 1950-1978

Biosystematists (organization), 1949-1957

Bishop Museum, 1952-1978

Bleitz Wildlife Foundation, 1966-1976

British Columbia Provincial Museum, August 1952, March 1972

British Museum (Natural History), 1942-1976

Bureau of Commercial Fisheries-M/V RED ROOSTER, 1962M/V WEST POINT, 1962

Calendar, 1958, 1961

1962

1963-1965

1966-1967

1968-1969

40

1970-1971

1972-1973

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1978-1979

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

- 40 California Academy of Science-General, 1936-1947
- General, 1948-1952
  - General, 1953-1982
  - Administration, 1977
  - Fellows, 1933, 1977
  - Group numbers, 1948-1968
  - Ichthyology, 1945, 1966-1982
  - Steinhart Aquarium, 1947-1977
- 41 California Cooperative Oceanic Fisheries Investigation  
(CalCOFI)-General, 1946-1981
- California State Fisheries Laboratory-Aircraft Spotting Flights,  
1954-1956
  - 1957-1958
  - 1959
  - 1960
  - 1961-1963
  - 1964-1969
  - Dingell-Johnson Project, 1952-1966
  - Fisheries Cruises, Miscellaneous vessels, Marine Life Research  
(MRL), 1952-1955
  - 1956-1972
  - Preliminary cruise reports, 1952-1953
  - 1954-1955

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cruise reports (Contd)

42

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California State Fisheries Laboratory-Cruises, M/V ALASKA,  
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1973

Cruises, R/V ALASKA, 1974

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**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

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ALASKA (Contd)

43

1976

1977-1978

1979

R/V ALEXANDER AGASSIZ, 1962-1972F&WS BLACK DOUGLAS, 1949-1950

1951-1965

BLUEFIN, 1976-1977M/V CONSTITUTION, 1957-1959R/V DAVID STARR JORDAN, 1966-1971R/V ELLEN B. SCRIPPS, 1967JUDY R., 1978R/V KELP BASS, 1973R/V KELP BASS, 1974-1975

1976-1977

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California State Fisheries Laboratory- Cruises, M/V  
MOLLUSK & NAUTILUS, 1956-1960

1961-1962

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**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

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44

M/V MOLLUSK, 1974-1979

M/V N.B. SCOFIELD, 1950-1953

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1958-1961

1962-1965

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1966-1969

1970-1976

R/V NAUTILUS, 1978-1979

R/V OCONOSTOTA, 1979

M/V TRUTH, 1977

M/V VAGABOND, 1977

1950-1952

1953-1954

M/V YELLOWFIN, 1955

P/B YELLOWTAIL, 1974

Marine Research Committee, 1948-1950

1951-1963

Oceanic Conferences, 1954-1956

45

Oregon Pilchard Fishery, c.1948

Sardine Conference, 1947

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Conference (Contd)

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California Cooperative Oceanic Fisheries Investigation, Ship  
Operation Schedule

46

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1961-1962

California Department of Fish and Game 1945-1961

California Department of Public Health, 1951-1956

California Institute of Technology, 1949-1953

California Legislature-Science Advisory Council, 1969

California State Personnel Board, 1946-1958

Cataloging, 1968

Cave Fishes-General, 1942-1953

General, 1954-1978

Correspondence, 1934-1941

References, 1952-1977

Localities, California, 1950-1953

Mexico, 1950-1979

47

*Anoptichthys*, 1957-1973

Astroblepidae, 1965

Brotulinae, 1961-1974

*Hesperoleucus*, 1953-1954

*Priatella*, 1955

*Rhamdia*, 1973-1976

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47

*Satan*, 1946-1960*Speoplatyrhinus*, 1971*Trogoglanis*, 1951-1973*Typhlyasina*, 1961-1975

Cave Life-Data from UMMZ, 1955

References and news, 1940-1976

Correspondence, 1931-1971

Bower Cave, California, n.d.-1953

Waitomo Cave, New Zealand, 1949

Chicago Academy of Sciences, 1945-1946

Chinese Society of Ichthyology, 1979

Chromatography, 1952-1956

Chromosomes, 1946-1949

Collecting, n.d.-1965

Coloration-1925-1972

Carotenoids, *Hypsypops*, 1948-1949

Color changes, 1953-1958

Green pigment, 1949-1952

Melanosis, 1966

Mimicry, 1946-1975

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

Coloration (contd)

47

Protective, 1945-1956

References from Sumner, n.d.

Commensalism, 1951-1967

Congreso de Biologia, 1978

Congreso(IV) Latino Americano de  
Zoologia, 1968

Congreso Nacional de Oceanografia (Mexico-III), 1967

Conservation/Preservation-General, n.d.-1950

General, 1951-1965

General, 1966-1978

48

Marine Reserves, general, 1950-1979

Advisory Board, 1968-III, 1962-1968

1968-IX, July-September 1968

1969-1974

Reports, "Cookbook for recovery teams," 1976

"Prohibited and protected species," 1974

Marine Reserves, San Diego, La Jolla Underwater Park,  
1961-1976

Medals, World Mint Associates, 1970

Natural Resources Study Group (Irvine), 1969

Poisoning, general, 1952-1966

**BOX****FOLDER TITLE****SUBJECT FILES (Contd)**

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48	Poisoning (for fish eradication), 1959-1960
	January-July 1961
	August 1961
	September 1961
	October 1961
	November-December 1961
	January-August 1962
49	September-December 1962
	January-May 1963
	June-September 4, 1963
	September 13-December 1963
	1964
	1965-1976
	Salmon Falls drainage, 1972-1973
	Rare and endangered species, n.d.
	1942-1962
	1963-1965
	1966-1968
	1969-1975
	1976-1979

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49	<p>Tyler Ecology Award, 1974-1977</p> <p>Wilderness Bill, 1956-1964</p> <p>Localities, Africa, 1960-1971</p> <p style="padding-left: 40px;">Alaska, 1964-1979</p> <p style="padding-left: 40px;">Amargosa River, California, 1971-1974</p>
50	<p>Ano Nuevo Island, California, 1962-1963</p> <p>Anza-Borrego Desert, California, 1968-1979</p> <p>Aravaipa Canyon, Arizona, 1967-1974</p> <p>Baja California, 1947-1976</p> <p>Buena Vista Lagoon, California, 1963-1977</p> <p>California, 1945-1979</p> <p>California desert, 1969-1978</p> <p>Channel Islands, California, 1957-1978</p> <p>Colorado River, 1962-1979</p> <p>Death Valley, California, 1955-1979</p> <p>Ewing Preserve, Rancho Santa Fe, 1964-1972</p> <p>Ezell's Cave, Texas, 1968-1969</p> <p>Florida, 1942-1979</p> <p>Galapagos Islands, 1955-1977</p> <p>Guadalupe Island, Mexico, 1963-1965</p>

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50

Hancock Park, Los Angeles, 1961-1962

Jackson Hole, Wyoming, 1944-1946

Kentucky, 1944-1946

Laguna Mountains, San Diego County, 1974-1975

La Jolla, 1967-1977

Mexico, 1956-1978

Michigan, 1966-1976

Missouri, 1974

Mono Lake, California, 1972-1979

Montana, 1965

Mugu Lagoon, California, 1961-1972

Nevada, 1968-1973

Newport Bay, California, 1964-1979

Palau, 1976-1978

San Clemente Island, California,  
1974-1979

San Diego Bay, 1965-1977

51

San Diego County, 1944-1979

San Francisco Bay, California, 1967-1975

San Geronio Wilderness, California, 1947-1965

San Jacinto Wild Area, California, 1950-1960

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51

San Marcos River, Texas, 1967

Santa Cruz Island, California, 1978

Scammon Lagoon, Baja California, 1969-1971

1972-1973

Stanford University, California, 1950

Tennessee River, 1978-1979

Tijuana Slough, San Diego County, 1972-1978

Virgin Islands, 1958-1960

Fishes, general, 1963-1979

Colorado Squaw fish, 1976-1979

Desert Fishes, general, 1966-1970

1971-1976

Correspondence, 1952-1969

1970-1972

1973-1974

1975-1979

*Gambusia*, 1976-1977

Moapa dace, 1978

Salmon, general, 1945-1970

Cowlitz River, correspondence and miscellaneous,  
1948-September 1950

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52

October-December 1950

1951-1952

Cowlitz River, accounts, 1950-1951

"A report on the fisheries problems in development of the Cowlitz River," 1948

"Briefs of the State of Washington," 1951

"Cowlitz Power Development drawings submitted to Federal Power Commission," 1950

"Opinion No. 221," November 27, 1951

"Fish Barrier Plans," December 20, 1950

"A survey report of the Cowlitz River with special reference to fish passing facilities at proposed dam sites," October 27, 1950

"Brief of Applicant, City of Tacoma," March 24, 1951

"Exceptions of Commission Staff Counsel to recommend decision of presiding examiner," September 4, 1951

"Brief of Commission Staff Counsel," March 26, 1951

"Applicants Reply Brief," April 13, 1951

"Reply Brief of Commission Staff Counsel," April 16, 1951

"Applicant's comments on certain portions of Staff Counsel's reply brief," May 4, 1951

"Answering brief of Washington Department of Fishes ... presented by Staff Council's brief," May 4, 1951



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- 52 "Upon an application for license to construct, operate, and maintain a hydroelectric project on the Cowlitz River in the State of Washington," July 19, 1951
- "Exceptions to findings and conclusions contained in examiner's recommended decision, and proposed additional findings," August 31, 1951
- 53 "Exceptions of applicant to findings and conclusions of fact ... reasons therefore," September 1, 1951

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58                                   Duke University, 1951-1964

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78	<p>Marineland of the Pacific, 1949-1950</p> <p>1954-1973</p> <p>Moss Landing Marine Laboratory, 1973-1974</p> <p>Mote Marine Laboratory, 1972-1975</p> <p>Naples Marine Station, 1968, 1974</p> <p>Narragansett Marine Laboratory, 1960</p> <p>National Institutes of Health, 1966</p> <p>New York Aquarium, 1953-1973</p> <p>Oceanic Institute, Hawaii, 1965-1975</p> <p>Pacific Biological Station, Nanaimo, 1950-1954</p>

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78	<ul style="list-style-type: none"> <li>Cruise Conferences, 1949-1952</li> <li>Equipment, 1947-1951</li> <li>Midwater Trawl, 1949-1950               <ul style="list-style-type: none"> <li>1951</li> <li>1952-1956</li> </ul> </li> <li>News and publicity, 1947-1952</li> <li>Physiology, 1948-1952</li> </ul>
79	<ul style="list-style-type: none"> <li>Population analysis studies, 1951-1955</li> <li>Regulation, 1946-1952</li> <li>Reports, 1948-1952</li> <li>Serology research, 1948-1950               <ul style="list-style-type: none"> <li>1951</li> <li>1952-1954</li> <li>1955-1958</li> </ul> </li> <li>Ship schedules, 1950-1955</li> <li>Ships, 1947-1951</li> <li>Staff, 1947               <ul style="list-style-type: none"> <li>1948</li> <li>1949-July 1950</li> <li>August-December 1950</li> </ul> </li> </ul>

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80	<p>Elections, 1953</p> <p style="padding-left: 40px;">1954</p>
81	<p style="padding-left: 40px;">1955</p> <p style="padding-left: 40px;">1957-1959</p> <p style="padding-left: 40px;">1960</p> <p style="padding-left: 40px;">1961</p> <p style="padding-left: 40px;">1963-1969</p> <p style="padding-left: 40px;">1970-1972</p> <p style="padding-left: 40px;">1974, Temporary Nominating Group</p> <p>National Aeronautics and Space Administration-Conference on the Feasibility of Conducting Oceanographic Explorations from Aircraft, Manned Orbital and Lunar Laboratories, August 18-25, 1964</p> <p style="padding-left: 40px;">August 26-October 1964</p> <p>National Council of American Soviet Friendship, 1944-1946</p> <p>National Institutes of Health, 1960-1964</p>

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82 Advisory Committee on Research, 1959-1962

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"A Report by the Advisory Committee to the National Park Service on Research," 1963

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Organ Pipe Cactus National Monument, 1953

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Yosemite, 1951-1952

National Research Council-Division of Biology and Agriculture, April  
1953

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Pacific Science Conference, 1946

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Theodore H. Bullock-Richard H. Fleming

Harry Frieman-Hopkins Marine Station

Guillermo Mendoza-George A. Moore

Helen Illick-W.R. Meehan

Hilary Moore-Paul R. Needham

Elmer R. Noble-K.M. Rae

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J.E Randall-E.C. Raney

C. Richard Robins-L.P. Schultz

E.A. Seaman-H.W. Stunkard

R.D. Suttkus-Tryon Project

J.C. Lenderhill-Donald E. Wohlschlag

R.W. Yerger-C.E. ZoBell

Grant G-1250, "Ecological conditions during past eruptions of human populations along Pacific Coast," 1954

"Ecological conditions during past eruptions of human populations along Pacific Coast," 1955-1958

Grant G-1250 "Ecological conditions during past eruptions of human populations along Pacific Coast," 1959-1960

Grant G-10733, "Ecological conditions during past eruptions of human populations along Pacific Coast," 1959-1962

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Grant 10688, "Investigations of the food-chain intermediates between kelp and fishes," 1959-1962

Grant G-15928, "Ichthyological researches, primarily systematic," 1960-1965

Grant GB-508, "Endemic marine vertebrate fauna of Guadalupe Island, Baja California," 1962, 1964-1966

Grant GB-1321, "Analysis of marine fish faunas of California and western Baja California," 1962-1965

Grant GB-6, "Quaternary environments and biotas," 1962-1965

Grant B6-0172, "Quaternary environments and biotas," 1965

Grant GB-4616, "Quaternary environments and biotas," 1966-1970

Grant GB-4672, "Vertebrates of the California peninsula," 1966-1970

Grant BO-13319, "Further research on marine vertebrates of the Eastern Pacific," 1969-1973

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Grant GB-13589, "Quaternary environments and faunas," 1969-1974

Grant application, "Researches on the systematics, distribution, and biology of the hagfishes (Myxinidae) of the world," denied, 1972

National Science Teachers Association, 1963

National Wildlife Federation, 1971-1972

Nature Conservancy, 1951-1978

New York Academy of Sciences, 1952-1956

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	Ocean Fish Protective Association, 1953-1955
	Ocean Science Capital, 1962
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	Oceanic Abstracts, 1979

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Oceans Magazine, 1969

Old Dominion Foundation, 1965

Orange County Science Programs, 1957, 1966-1967

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88 1954-1959  
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McCaskill book account

Pacific Science Congress-VIII, 1953, Philippines

Pacific Science Congress-IX, 1957, Thailand

Pacific Science Congress-X, 1961, Hawaii

Pacific Science Congress-XI, 1966, Japan, 1964-June 1966

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Pacific Science Congress-XII, 1971, Australia, March-June 1971

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Laura Clark Hubbs, 1948-1985

Peace and Happiness through Prosperity, PHP Institute, 1969

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## Photograph Album-Frances Clark?, 1918

Carl L. Hubbs 75th Birthday, October 18, 1969

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Carl L. Hubbs 80th birthday, October 18, 1974

93

Messages-Carl L. Hubbs 80th birthday party, October 18, 1974

Laura Clark Hubbs birthday party, March 1983

Laura Clark Hubbs 90th birthday, 1983, compiled by Elizabeth N. Shor

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Laura Clark Hubbs 90th birthday celebration at Hubbs Sea World Research Institute, April 9, 1983

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Thermal Effluent, 1963-1972

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Preservation of Animals and Wildlife, 1976-1978

Pressure (Effects on Fishes), 1948-1957

Pressure-ONR proposal, 1952-1953

Princeton University Bicentennial, 1946-1947

Publications, 1927-1982, Abdullah-Aguayo

Ahlmann-Allen

Almeida-American Institute of Biological Sciences

American Museum of Natural History-Andriashev

Animal Kingdom-Azzaroli

Babos-Bailey

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Ceballos Bendezu-Chao

Chapman-Chinese

Chirichigno-Clemens

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97	Francis-Funnel
	Gammon-Glover
	Glynn-Greeley
	Green-Guthe
	Haag-Hardy
	Hargis-Hastings
	Hatanaka-Hickling
	Hikita-Hopkirk
	Hora-Hubbs, Carl L.
	Hubbs, Clark-Hubbs, Earl
	Hughes-Illick
	Illinois Natural History Survey-Iwamoto
	Jackson-Juta and Company, Ltd.
	Kafuku-Kidder
	Kilby-Kosswig

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	Langlois-Legendre
	LeGrande-Lindberg
	Lindig-Lutterbie
	McAllister-McHugh
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	Manuel-Matsubara
	Matsuura-Meinken
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	Mead-Miller
	Mills-Montgomery
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99	Nieves-North
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	Omura-Pacific Science Board

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Policansky-Provincial Fish Report

Quarritch-Quignard

Rackleff-Raney

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Robins-Ronald

Ronquillo-Ruttner

Sacarrao-Sato

Sauer-Schultz

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Shojima-Silversen

Skelton-Smith

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Smithsonian Institution Exchange-Soule

Schwartz-Scripps Institution of Oceanography Contributions

Soundararajana-Starrett

State Fisheries Laboratory-Stoye

Strahan-Svardson

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Svetovidov-Szidat

Taberner-TeWinkel

Texas A&amp;M Marine Laboratory-Thurlow

Tillman-Trippensee

Triplett-United Geophysical Corporation

Union of Soviet Socialist Republics-United States National  
Museum

Universiteit Amsterdam-University of Michigan

University of New Mexico-Uyeno

Vallentyne-Vincent

Virginia Fisheries Lab-Vrijenhoek

Wagler-Watanabe

Water Resources Center-Westerman

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Wick-Winn

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Yaldwyn-Zorach

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	Shumway, Hubbs and Moriarty, Scripps Estate Site, San Diego, California: A La Jolla site dated 5460-7370 years before the present, 1960-1973
	UCLA Radiocarbon Laboratory, 1958-November 1961
	December 1961
	January-March 1962
	April 1962-1964
	La Jolla Lab, serial list of radiocarbon tests
102	La Jolla Lab I, Hubbs, Bien & Suess, "La Jolla Natural Radiocarbon Measurements," 1960
	La Jolla Lab II, Hubbs, Bien & Suess, "La Jolla Natural Radiocarbon Measurements, II," 1961-1962
	La Jolla Lab III, Hubbs, Bien & Suess, "La Jolla Natural Radiocarbon Measurements III," 1962-1963
	La Jolla Lab IV, Hubbs, Bien & Suess, "La Jolla Natural Radiocarbon Measurements IV," 1964-1965
	La Jolla Lab V, Hubbs & Bien, "La Jolla Natural Radiocarbon Measurements V," 1966-1967

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	LJ 120, 1959-1964
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LJ 1355-LJ 1370

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LJ 1398-LJ 1404, LJ 1625-LJ 1910

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LJ-GAP-30 to LJ-GAP-52

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105	<p>Thorson-<u>ZooNooz</u></p> <p>Rockefeller Faculty Committee-General, 1957</p> <p>Invertebrate Ecology, 1955-1957</p> <p>Microbial Biochemist, 1956-1957</p> <p>B-N, 1955-1957</p> <p>P-W, 1955-1957</p> <p>Miscellaneous Fields, 1955-1957</p> <p>Physiology, 1955-1957</p> <p>Rockefeller Foundation-General, 1964</p> <p>Rockefeller Grant-Proposed Development of Marine Biology at the Scripps Institution of Oceanography, July-August 1953</p> <p>November 1953-1955</p>



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## Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Maine, 1947

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1957

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Oceanography 220, 1948

Oceanography 114, Marine Invertebrates, 1948-1952

1954-1965

Marine Biology 200, Seminar in Advanced Ichthyology, 1961-1962

110

Term paper by David K. Arthur, "Some considerations on the migration of *Germo alalunga* off the California Coast," n.d.

Term paper for Oceanography 199, special studies, Teh Ping Lin, "Hybridization of some fishes," January 1950

Term paper for Oceanography 114, Marine vertebrates, Andreas B. Richnitzer, "The Pacific sardine fishery," fall term 1950-1951

Term paper for Marine Vertebrates 115, John S. Bradshaw, "Some notes on the reproductive habits of marine mammals," January 22, 1951

Term paper for Marine Vertebrates, Robert Bieri, "A brief survey of the albatrosses," 1952

Term paper for Marine Vertebrates, Oceanography 114, Edward Brinton, "Food and feeding mechanisms of bathypelagic fishes," June 10, 1952

Marine Vertebrates, field trip notes, 1965

Security clearance, 1953-1955, 1968, 1976

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September 26, 1947-October 31, 1950

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Peter H.J. Castle-Gifford C. Ewing

E.W. Fager-John D. Isaacs

David Jensen, 1958-1967

Kjell Johansen-Charmion B. McMillan

J.J. Magnuson-Grace L. Orton

George Papenfuss-Roger R. Revelle

William R. Riedel-Per F. Scholander

Horst Schwassmann-Ben E. Volcani

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June-December 1955

February-April 1956

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Harald Ulrik Sverdrup anniversary volume, Journal of Marine Research and bust, 1947-1949

Scripps Tuna Oceanography Research (STOR) 1957-1958

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Sea of Cortez Fishing Tournament, 1968-1969

Sea Grant Program, 1969-1975

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J.W. Sefton Foundation, ORCA cruises, 1946-1949

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Seven Seas Division, Chapman College, 1965

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Society for the Protection of Old Fishes (SPOOF), 1974-1979

Society for the Study of Evolution-General, 1946-1954

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Society of Systematic Zoology-General, 1947-1952

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Committee on Conservation, 1951-1952

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Committee on Education and Instruction in Systematics, 1950-1952

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Zoological Record Agency, 1951

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1952 Meeting, Panel on famous zoologists, 1953-1954

1960 Meeting, Symposium on famous zoologists, 1960-1961

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Pacific Division, 1951-1954, 1962-1965

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Symposium, Zoogeography of Baja California, 1959

Pacific Section meeting, 1964

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E. Bertelsen-Martin D. Burkenroad

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Wilbert MacLood Chapman-Jolin Cushing

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Fernando Obregon-Leonard Outhwaite

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Fourteenth draft, June 28, 1952

Draft, October 18, 1952

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Names of people who received checklist, 1953-1957

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*Galeus*, illustrations for Hubbs and Leighton R. Taylor, Jr. "Data on life history and characters of *Galeus piperatus* a dwarf shark of Golfo de California," Fiskdir. Skr. Ser. Havunders. 15 310-330, November 10, 1969

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*Ginglymostoma*, 1966*Harriotta*, 1972, 1978*Heterodontus*, 1945-1973*Hexanchus*, 1945-1969

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*Mobula*, 1946-1978*Myliobatus*, 1946-1964*Platyrhinodis*, 1945, 1951*Pristis*, 1956*Pseudoraja*, Reizo, Ishiyama and Carl L. Hubbs,  
"Eastern Pacific skates (Rajidae) referred to the aberrant  
genus *Pseudoraja*," 1967-1968

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*Raja aleutica*, 1962



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Rajidae, Carl L. Hubbs and Reizo Ishiyama,  
 "Descriptions of three new species of skates of the genus  
*Raja*, one new from the equatorial Pacific," 1967-1968

Notes by Ishiyama, n.d.

Photos, October 1962

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c1962-1965

Notes, references, 1950-1973

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*Searsia*, 1950-1952*Tarpon*, 1953

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*Vinciguerria*, 1950-1961

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*Hemiramphus*, 1947-1965*Strongylura*, 1949-1961

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Group 30, general, 1949-1979

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*Monocentris*, 1955*Myripristis*, 1964-1965Group 32, *Chaetodontidae*, 1961-1976*Chaetodon falcifer*, notes, references, newspaper  
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Correspondence, 1955-1971

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*Atherinidae*, 1968-1976*Atherinops*, 1934-1971*Atherinopsis*, 1945-1958*Epilium*, 1971-1975*Hubbsiella*, 1949-1959*Leuresthes*, notes, references, 1924-1975

Newspaper clippings, 1947-1976

Illustrations, 1945

Correspondence, 1945-1977

*Mugil*, 1945-1974*Polydactylus*, 1951-1970*Sphyraena*, 1915, 1951-1975

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*Brama*, 1945-1948*Caranx*, 1959-1975

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*Coryphaena*, 1947-1970*Cubiceps*, 1950-1954*Decapterus*, 1948-1957

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*Gnathanodon*, 1960-1961*Icosteus*, 1946-1970*Nematistius*, 1959-1974*Oligoplites*, 1945, 1971*Peprilus*, 1928-1962*Phtheirichthys*, 1959*Pteraclis*, 1951-1963*Remilegia*, 1959-1962*Seriola*, references and newspaper clippings, 1947-1971

Photographs and correspondence, 1948-1959

*Taractes*, 1953, 1959*Tetragonurus*, 1948-1953*Trachinotus*, 1958-1963*Trachurus*, 1948-1974*Vomer*, 1959, 1973



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*Auxis*, 1947-1969

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Newspaper clippings and photographs, 1950-1972

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Group 45, 1949-1965

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*Cheilotrema*, 1951-1960*Cynoscion*, 1928, 1949-1978*Elattarchus*, 1950-1951*Menticirrhus*, 1951, 1955*Roncador*, c1950-1974

Sciaenidae, 1932-1960

*Umbrina*, 1973

General, n.d., 1953-1986

Colombia, 1969

Costa Rica, 1973

Data, barbel length, n.d.

Length classes, n.d.

Meristics, n.d.

Statistics, n.d.

Width of streak, n.d.

To be checked, n.d., 1945-1961

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*Umbrina analis*, n.d., 1960

*Umbrina coconis*, n.d., 1960-1961

*Umbrina dorsalis*, n.d., 1960-1973

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*Umbrina reedi*, n.d., 1960-1972

*Umbrina roncadorensis*, n.d., 1954-1976

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Group 47, general, references, 1927-1965

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*Amphigonopterus*, 1945-1948

*Amphistichus*, 1928-1976

*Brachyistius*, 1950-1954

*Cymatogaster*, 1949-1972

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*Ditrema*, 1958-1974

*Embiotoca*, 1945-1974

Embiotocidae, general, 1946-1976

Manuscript by Hubbs, "A revision of the fishes of western North America. I. The Embiotocidae, or viviparous perches," pp. 1-50

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West Coast – Fishes, Group 47, Embiotocidae (Contd)

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Embiotocidae, manuscript by Hubbs, "A revision of the fishes of western North America. I. The Embiotocidae, or viviparous perches," pp. 51-150

pp. 151-228.

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Embiotocidae, Clarence S. Turner, "Secondary sexual characteristics of embiotocid fishes," 1965

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*Holconotus*, 1954-1957

*Hyperprosopon*, 1957

*Hysterocarpus*, 1935-1978

*Micrometrus*, counts and measurement, 1945-1947

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*Taeniotoca*, 1928-1955

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*Hypsypops*, 1927-1971

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*Pimelometopon*, 1950-1977

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*Xenoscarus*, 1948-1954

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*Girella*, 1946-1964*Hermosilla*, 1945-1965*Kyphosus*, 1971-1972*Medialuna*, 1951-1972

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Group 53, general, 1916-1972

*Pontinus*, 1945-1972*Scorpaena*, 1945-1974*Sebastes*, notes, 1917-1977

Newspaper clippings and photographs, 1956-1969

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1966-1976

*Sebastes aleutianus*, 1957-1964

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West Coast – Fishes, Group 53 (Contd)

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*Sebastes dalli*, 1953*Sebastes diploproa*, 1955-1957*Sebastes elongatus*, 1916-1959*Sebastes emphaeus*, 1968*Sebastes entomelas*, 1916-1956*Sebastes eos*, 1948-1955*Sebastes flavidus*, 1955-1969*Sebastes gilli*, 1953*Sebastes glaucus*, 1917*Sebastes goodei*, 1955-1957*Sebastes helvomaculatus*, 1948-1964*Sebastes hopkinsi*, 1957*Sebastes jordani*, 1954-1957*Sebastes lentiginosis*, 1964-1970*Sebastes levis*, 1949-1954*Sebastes macdonaldi*, 1953*Sebastes maliger*, 1955-1957*Sebastes melanops*, 1955-1959*Sebastes melanostomus*, 1950-1977*Sebastes miniatus*, 1949-1959

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*Sebastes mystinus*, 1951-1965*Sebastes nebulosus*, 1955*Sebastes oculatus*, 1960*Sebastes ovalis*, 1950-1971*Sebastes paucispinis*, 1917-1966*Sebastes phillipsi*, 1963-1964*Sebastes pinniger*, 1947-1957*Sebastes proriger*, 1957*Sebastes rastrelliger*, 1955-1964*Sebastes reedi*, 1967*Sebastes rhodochloris*, 1948-1957*Sebastes rosaceus* group, 1917-1959*Sebastes ruber*, 1974*Sebastes ruberrimus*, 1949-1957*Sebastes rubrivinctus*, 1955-1975*Sebastes rufianus*, 1972*Sebastes rufus*, n.d.*Sebastes saxicola*, 1955-1957*Sebastes semicinctus*, 1955*Sebastes serranoides*, 1955



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## West Coast – Fishes, Group 53 (Contd)

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*Anoplopoma*, 1947-1974

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*Artedius*, 1960-1978*Artedius lateralis*, 1959-1971*Artedius meanyi*, 1972-1973

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*Astrolytes*, 1924*Clinocottus*, 1943-1972

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Statistical queries, 1943

Tables, n.d.

*Myoxocephalus*, 1970*Oligocottus*, manuscript by Nabuo Egami, "Note on the latitudinal variation in number of meristic characteristics in *Oligocottus rubellio* and *O. snyderi*," n.d.Manuscript, "Sexual dimorphism in structure of anal fin in the fishes of the genus *Oligocottus*," n.d.

General, 1936-1972

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## West Coast – Fishes, Group 55 (Contd)

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*Oligocottus maculosus*, notes by Nabuo Egami,  
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Group 57, general, 1937-1963

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West Coast – Fishes, Group 59 (Contd)

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*Gillichthys*, 1946-1971*Gobionellus*, 1949-1970*Lethops*, 1945-1968

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*Lythrypnus*, 1914-1977*Quietula*, 1951-1976

*Tridentiger*, Carl L. Hubbs manuscript "The distribution of the gobioid fish, *Tridentiger trigonocephalus* in eastern Asia, and its recent establishment in California," 11th Pacific Science Congress, September 1, 1966

Notes, 1963-1972

Photographs, 1960-1966

References, 1935-1977

Correspondence, 1960-1963

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*Typhlogobius*, 1944-1964

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*Astroscopus*, 1956*Caulolatilus*, general, 1952-1978*Caulolatilus hubbsi*, 1973-1979*Chiasmodon*, 1950-1951*Cotylis*, 1950-1952

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*Eptatretus decatrema*, references, 1968*Eptatretus eripogon*, n.d.-1986*Eptatretus eritrema*, 1970-1976*Eptatretus "goliath,"* 1968-1984*Eptatretus heterochroma*, 1965-1984*Eptatretus hexatrema*, 1971-1981*Eptatretus longipinnis*, correspondence, 1975*Eptatretus minor*, 1976*Eptatretus multidentis*, 1972-1976*Eptatretus octatrema*, 1971*Eptatretus okinoseana*, 1976-1977*Eptatretus polytrema*, 1972-1984*Eptatretus profundus*, 1971*Eptatretus sinus*, n.d.-1988*Eptatretus springeri*, 1971-1976*Eptatretus stoutii*, n.d.

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Australia, correspondence, 1964-1975

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Panama, correspondence, 1972

Peru, correspondence, 1972-1974

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202	<p>Smith (J.L.B.) Institute of Ichthyology, 1971-1972</p> <p>Smithsonian Sorting Center, 1971-1976</p> <p>South African Museum, 1971-1973</p> <p>Southern California Coastal Water Research Project, correspondence, 1974</p> <p>Stanford University, 1968</p> <p>Tulane University, correspondence, 1972</p> <p>United States National Museum, 1972-1976</p> <p>University of California, Los Angeles, 1977</p> <p>University of Miami, correspondence, 1971-1975</p> <p>University of Michigan, Museum of Zoology, 1971-1972</p> <p>University of Washington, 1968-1972</p> <p>Virginia Institute of Marine Science, 1974-1975</p>
203	<p>Woods Hole Oceanographic Institution, correspondence, 1971</p> <p>Group 4P, notes, 1917-1974</p> <p>References, news, 1922-1974</p> <p>Photographs, 1949</p> <p>Drawings for Hubbs and Potter, 1971</p> <p>Correspondence, 1921-1935</p> <p>1936-1939</p>



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Notes, references, news, photographs, 1922-1970

Correspondence, 1934-1950

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*Lampetra*, general, 1971-1979*Lampetra (Entosphenus)*, general, 1971-1976*Lampetra (Entosphenus) folletti*, 1975-1976*Lampetra (Entosphenus) "hubbsi"*, 1976*Lampetra (Entosphenus) lethophaga*, notes, references,  
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*Lampetra (Entosphenus) minima*, 1972-1979

*Lampetra (Entosphenus) tridentata*, manuscript material from "Analysis of variability in the dentition of the Pacific lamprey, *Entosphenus tridentatus*," n.d.

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Correspondence, 1939-1950

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*Lampetra (Lampetra)*, general, notes, references, photographs, 1921-1970

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*Lampetra (Lethenteron)*, notes, reference, news, photographs, 1922-1934

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*Okkelbergia aepyptera*, 1921-1976

*Petromyzon*, notes, references, news, photographs, 1915-1977

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205	<p>Group 5, general, 1927-1979</p> <p>Carcharinidae, 1949-1973</p> <p><i>Heterodontus</i>, 1959-1972</p> <p><i>Rhiniodon</i>, 1976-1977</p> <p>Squalidae, correspondence, 1957-1975</p> <p>Group 5-6, 1967</p> <p>Group 6, 1946-1978</p> <p>Group 7, general, 1952-1972</p> <p><i>Latimeria</i>, notes, references, 1939-1978</p> <p>Newspaper clippings, 1939-1976</p> <p>Photographs, 1954-1975</p> <p>Correspondence, 1947-1966</p> <p>1968-1976</p> <p>Group 8, Manuscript, c1933</p> <p>General, 1927-1967</p> <p>Anchovies, 1933-1970</p> <p>Clupeidae, 1947-1972</p> <p>Engraulidae, 1942-1971</p>

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*Etrumeus*, 1953-1976

Notes and measurements by Robert L. Wisner, n.d.

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Sardines, notes, references, newspaper clippings, 1951-1963

*Sardinops*, correspondence, 1948-1967

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- 213 Manuscript, Carl Hubbs, "A fishing trip to the Orient," radio talk, University Program, April 12, 1930
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Manuscripts by others, Evermann, "The discovery of the Roosevelt trout," 1918

Wales, "Rainbow and cutthroat trout, A zoogeographical study," 1962

Manuscripts by others, 1974-1977

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Colorado River, manuscript, "A history of the Colorado  
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Manuscript, "Report on the fisheries of the lower Colorado River," 1951

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Fishes - Group 27, manuscript by Luis Howell Rivero and Hubbs (unpublished), "Studies of the fishes of the order Cyprinodonts XVI. A review of the Cuban cyprinodonts," c1936

Manuscript by Luis Howell Rivero (unpublished), "Studies of Cyprinodont fishes XX. Two new genera of the tribe," 1944

Notes and correspondence, Cuban manuscript, 1934-1936

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Sex studies, manuscript by Aronson and Clark, 1951

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Data on association of marine fishes 1919-1923

Heterogenous, references, n.d.

Heterosis, references, n.d.

Relation to evolution, references, n.d.

Hybrids-Fishes, notes, miscellaneous, n.d.

General, manuscripts, Hubbs, "A study of hybridization between fish species in nature," delivered before Research Club, University of Michigan, October 15, 1930

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Notes, references, photos, 1938-1960

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*Girardinini*, manuscript, Luis Rene Rivas and Carl Hubbs,  
 "Natural between genera and species of Cuban poeciliid  
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Measurements, notes, correspondence, 1954

*Lebistes*, 1937-1957*Megupsilon X Cyprinodon*, correspondence, 1979*Mollienisia*, measurements, n.d.

Notes, n.d.

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General, Carl Hubbs, "An experimental attack on the  
 species problem," Research Club, November 21, 1934

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Group 36, 1941-1967

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Group 37, notes, 1925-1932

Notes, 1931-1933

1931-1944

Manuscripts, references, 1931-1965

Newspaper clippings, photographs, 1931-1932

Correspondence, 1930-1933

1939-1977

*Ambloplites*, 1973*Lepomis*, 1972*Micropterus*, 1977

Group 38, 1953-1966

Group 40, 1935-1960

Group 42, 1971

Group 46, 1953-1955

Group 48, 1962-1973

Group 49, 1956-1960

Group 51, 1949-1973

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## Hybrid Fishes (Contd)

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Group 53, group 54, 1947-1957

Group 55, *Cottus*, 1954-1982

Group 57, group 58, group 59, 1950-1953 Hybrids

Group 61, 1952-1971

Group 62, 1963-1964

Group 64, general, 1933-1952

*Lepidopsetta X Platichthys*, 1956-1963*Parophrys X Platichthys*, 1956-1972*Platichthys X Pleuronectes*, 1953-1957

Hybrid Invertebrates, 1956-1964

Hybrid Amphibians, 1934-1965

Hybrid Reptiles, 1955-1970

Hybrid Birds, 1942-1976

Hybrid Mammals, 1936-1969

Hybrid Plants, 1943-1961

**PHOTOGRAPHS**

Photographs - n.d.

n.d.

American Society of Ichthyologists and Herpetologists, n.d.

Spencer Fullerton Baird, n.d.

**BOX****FOLDER TITLE****PHOTOGRAPHS (Contd)**

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F. de Beaufort, n.d., 1968

Martin Brittan, n.d.

Frances Naomi Clark (sister of Laura Clark Hubbs), n.d.

Edward Drinker Cope, n.d.

Henry C. Cowles, n.d.

Carl H. Eigenmann, n.d.-1943

Rosa Smith Eigenmann, n.d.-1906

George C. Embury, n.d.

Charles H. Gilbert, n.d.

Gilbert, Starks, Fisher, Snyder, Heath and Price, n.d.

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Carl Hubbs, n.d.

n.d.

Carl Hubbs (in old Scripps), n.d.

Drawing of Carl Hubbs by Sam Hinton, n.d.

George R. La Rue and Arthur E. Woodhead, n.d.

Group picture of Murphy, Briggs, Galt Gilbert, Riggs, Hubbs and Banker, n.d.

Canuto G. Manuel, n.d.

Hugh McCormick Smith, n.d.

John Treadwell Nichols and Charles M. Breder, Jr., n.d.

John R. Norman, n.d.-1958

Ota Oliva, n.d., 1960, 1976



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C. Richard Robins with Carl Hubbs, photo by Walter R. Courtenay, Jr., the Marine Laboratory, University of Miami, n.d.

Theodore Cleveland Roughley, n.d.

Alexander Ruthven, n.d.

J. Clark Salyer II, n.d.

Karl Patterson Schmidt, n.d.

James Leonard Brierley Smith, n.d., 1968

John Otterbein Snyder, n.d., 1939

Leonhard Stejneger, n.d.

F. Wallace Taber and family, n.d.

Portrait of Carl Hubbs as a child, c1900

Ethelwynn Trewavas, 1902-1963

Field Museum of Natural History, Cornerstone Ceremonies, Chicago, September 28, 1917

Testimonial luncheon to Dr. Frederick J.V. Skiff on the completion of 25 years of service as Director of the Field Museum of Natural History, December 16, 1918

George Albert Boulenger, 1919

University of Michigan, Museum of Zoology Fish Division in Old Thompson House, c1920

Barton Warren Evermann, 1921-1945

Jacob Ellsworth Reighard by Charles W. Creaser, 1922

Pacific Coast Expedition, 1926, "Octopus caught at Otter Rock," negative number 65, original print

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"University Auto Exposition captures octopus" and "Auto aids college's search for rare fish," 1926

Misaki Marine Biological Station, Kanagawaken, Japan, 1926

Yaichiro Okada, received Tokyo, September 1929

Katsuzo Kuronumas, departure from Japan, spring, 1933

March 1933

Leo Semonovich Berg, 1934

John VanOosten, January 1934

Frances Hubbs with fish, c1935, photo by F.W. Ouradnik, Ann Arbor, Michigan

Frank N. Blanchard, 1935

Ichthyologists and Herpetologists,  
Carnegie Museum, Pittsburgh, May 1935 meeting

Myers, Hubbs and Rivero, July 1, 1935

Carl L. Hubbs at desk with *M. petinensis*, for aquarium magazine, photographed VIII:12:35

George Albert Boulenger and Laston-Franeurs Le Witte, Brussels, 1936

American Society of Ichthyologists and Herpetologists, 1936

David M.S. Watson, 1937

Photo of Carl L. Hubbs, spring, 1938

Ponded head of Big Shipley Springs, Diamond Valley, Nevada, photo by Laura C. Hubbs, August 12, 1938, California Academy of Science V.VII(1974), fig. 21, p.115

Alfred Sherwood Romer, c1939

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Fernando de Buen, July 1939

Taken summer 1939 by Dr. Kelshaw Bonham, received from Bonham  
December 4, 1939

American Society of Ichthyologists and Herpetologists meeting,  
Toronto, 1940

D. Villadolid and family, January 16, 1940

Carl, Laura, Clark and Earl Hubbs, winter, 1941-1942

Group picture taken by Bill Beckman, October 1941

Robert and Frances Miller, Laura, Clark and Carl Hubbs, fall of 1942

Institute for Fisheries Research. Group shot, October 1942

Harry, Johnson, Walker, Perry and Terrill, fall, 1942

Alvin Seale and wife, 1943

Grace Eager, 1943

Joseph W. Sefton, Jr., 1943-1949

Laura Clark Hubbs, c1944

Carl L. Hubbs, SIO, La Jolla, October 1944

Carl L. Hubbs in lab at Scripps, August 14, 1945

Scripps Institution, October 1945

Scripps Institution of Oceanography, c1946

Sketches by John Decker, 1946

Carl L. Hubbs, 1946, 1972

Carl and Laura Hubbs at SIO, December 1946

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February 26, 1947

San Diego Zoological Society broadcast, March 1947

CalCOFI, March 14, 1947

"A desert shave," April 1947

American Society of Ichthyologists and Herpetologists meeting, 1948

Carl L. Hubbs and Errol Flynn, 1948

Carl L. Hubbs and G.E. Kirkpatrick, 1948

Hubbs and helicopter (Paul Mantz Air Services) on mud flats,  
Scammons Lagoon, February 1948Carl L. Hubbs and assistants sorting a seine haul on the beach of Santa  
Barbara Island, July 21, 1948

Anton F. Bruun, 1949

Laura Hubbs, probably in New Zealand, Pacific Science Congress,  
January 1949

Near Levin, New Zealand, February 1949

Kerckhoff Lab, April 12, 1949

Berg, Svetovidov, Andriashev and Lindberg, winter 1949

97 Carl L. Hubbs, J.L. McHugh, Church Tillis on E. W. SCRIPPS,  
c1950

Gilbert P. Whitley, 1950

Sardine Conference, July 29-31, 1952 Stone, Greene and Perrin,  
received from Joel Hedgpeth, was used by him in article  
in California Fish and Game, September 1, 1952Graduate students working under Dr. George S. Myers, Natural  
History Museum, Stanford University, 1953

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Dr. Hubbs with Tommy and Susie Bailey, Ann Arbor, Michigan, January 11, 1953

American Institute of Biological Science Committee, February 19, 1953

Carl L. Hubbs, March 29, 1953

American Society of Ichthyologists and Herpetologists meeting, New York City, April 1953

International Zoological Congress, August 1953

Carl L. Hubbs, December 1953

Scripps Institution of Oceanography, aerial view, December 24, 1953, photo by Woody Williams

Carl L. Hubbs, 1954

Carl L. Hubbs on SPENCER F. BAIRD, January 1954

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Carl and Laura Hubbs, December 1954

Carl L. Hubbs, Pta. Baja, December 5, 1954

Carl and Laura Hubbs, December 5, 1954

Carl L. Hubbs, December 6, 1954

December 7, 1954

Carl L. Hubbs and elephant seal, 1955

Joseph W. Sefton's birthday party, 1955

Carl L. Hubbs, April 1, 1955

International Union of Biological Sciences, XII General Assembly, Rome, April 12-16, 1955

Livingston Stone, May 5, 1955

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Carl L. Hubbs, July 7, 1955

Carl L. Hubbs, August 14, 1955

David C. Chandler, 1956

Carl L. Hubbs, Julian Huxley and Aldous Huxley, September 1956

Keith Sheard, September 1956

D. Villadolid, October 3, 1956

New Orleans Shark Conference, April 8, 1957

Carl L. Hubbs, 1958

Dr. Paul R. Saunders, SIO, 1958

Alexander Wetmore, 1958-1962

Carl L. Hubbs, photos by Richard A. Bolootian, February 10, 1958

15th International Congress of Zoology, London, July 1958

Carl and Laura Hubbs, 15th International Congress on Zoology,  
reception at the British Museum, July 16, 1958

C. Tate Regan, British Museum, negative 19264, received XII:1958

John Richardson, British Museum, negative 4683, received December  
1958

William J. Gerhard, 1959

Expedition American Society of Ichthyologists and Herpetologists, J

June 20, 1959

June 21, 1959

N.B. Marshall and Laura C. Hubbs, 1960

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Back of Bahia de Los Angeles, Baja California, group photo of Hubbs, Hasler, Levin, Wilson, Prosser, Bechtel, photo by George E. Lindsay, May 22, 1960

American Association of Zoological Park Administration (AAZPA), luncheon, September 16, 1960

Julio Berdegue Aznar, general manager and Empacadora de Esceuncipa, S.A., photo by H. Oscar Wright, October-November 1960

Carl L. Hubbs on buoy boat, June 30, 1961

Pacific Science Congress, Honolulu, August, 1961

Hubbs, Rakestraw, Sanchez, September 2, 1961

Los Angeles Bay, 1962

Henry van der Schalie and family, 1962, 1978

Anton F. Bruun, 1962

Baja California, February 19, 1962

February 20, 1962

Reeve M. Bailey, American Society of Ichthyologists and Herpetologists meeting, June 13, 1962

Carl L. Hubbs lecturing to SIO students at sea, February 8, 1963

"Meet the Professor" filming, February 8, 1963

Williams, Arizona, June 11, 1963

50th annual meeting of American Society of Ichthyologists and

Herpetologists, Vancouver B.C., Canada, June 17-22, 1963

Conference on larval fishes, October 1963

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249

Yaichiro Okada, New Japan hotel, Tokyo after "public lecture,"  
November 19, 1963

Hikada, Tokiharu Abe, Japan, November 20, 1963

Japan trip, November 24, 1963

Uchida, retired head, still active (early development of fishes), faculty  
of fisheries, Kyushu University, November 24, 1963

Hiroshi Tsukahara, faculty of fisheries, Kyushu University, November  
24, 1963

Japan trip, November 26, 1963

Kiyojiori Shimakura, professor University of Hokkaido, after lecture  
at Agriculture Hall, University of Hokkaido, November 28, 1963

Hanumi Ooni, works on *Cottus*, faculty of fisheries, University of  
Hokkaido, Hakodate, November 30, 1963

Professor Shun Okada, professor of ichthyology and life history,  
faculty of fisheries, University of Hokkaido Hokodate, November 30,  
1963

Tokyo University of Fisheries, December 1963

Mititaka Uda, Fishery biologist, December 3, 1963

Japan trip, December 6, 1963

Carl L. Hubbs and his fish vacuum cleaner, c1964

Akihito, Crown Prince, April 18, 1964-1978

Hubbs, Webb, McAllister and Relly in Old Scripps Building, July 17,  
1964

Welcoming the UMIKATA MARU, and Dr. Katsuzo Kuronuma from  
Tokyo, University of Fisheries, November 30, 1965



**BOX****FOLDER TITLE****PHOTOGRAPHS (Contd)**

249

Ichthyologists at Bimini, Bahamas Shark Conference, December 1965-March 1966

11th Pacific Science Congress No. III, 1966

Survival Service Commission of International Union for Conservation of Nature and Natural Resources, San Diego Zoo, October 1966

Hubbs receives Fellows medal from California Academy of Sciences, November 2, 1966

Extracting sea birds from burrows on Islote Negro, April 27, 1967

Carl L. Hubbs on RV THOMAS WASHINGTON, June 1967

American Society of Ichthyologists and Herpetologists 47th annual meeting, San Francisco, June 18-23, 1967

Hubbs, 1968

Carl, Laura Hubbs, and Wisner, April 1968

Hubbs, Blocker, Harrison, Lint, Bleitz, Delacour, Lint, group photo, received August 30, 1968

Trophy for Carl L. Hubbs from American Society of Ichthyologists and Herpetologists, June 12, 1969

Margaret Mary Smith, August 1969

At Sea World, September 3, 1969

Visit of Kaiyo Maru, October 28, 1969

San Diego, 200th Anniversary, Inc., October 30, 1969

Hubbs and Jacqueline Miller, 1970

Marine Park Study Team, Yokohama, February 27, 1970

American Society of Ichthyologists and Herpetologists, New Orleans, March 1970

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Wedding, Nishibawa and Mishikawa, July 10, 1970

Jacques R. Gery, 1971

MV 71-I, late May 1971

Pacific Science Congress, Canberra A.C.T., Australia, August, 1971

Australia, August 29, 1971

J.L.B. Smith Institute of Ichthyology, September 9, 1971

FAO expert panel for the facilitation of tuna research meeting,  
November 10, 1971

Carl L. Hubbs, 1972

American Society of Ichthyologists and Herpetologists 52nd annual  
meeting, Boston, 1972

Y. Shiraishi and family, Christmas greeting, 1972

Carl and Laura Hubbs, Christmas card, December 1972

Carl L. Hubbs shaking fist at huge catch of red crabs, February 1,  
1973

Cha Chie-saw, Cheng Kuei Tseng, Liu Tzehau, June 12, 1973

American Society of Ichthyologists and Herpetologists at San Jose,  
Costa Rica, June 25, 1973

Carl L. Hubbs taken by Wisner, November 1973

CEPEX file, 1974

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Carl L. Hubbs 80th birthday, October 18, 1974

Lt. Cmdr. Robert L. Crippen visit to SIO, January 21, 1974

Laurence C. and Esther Stuart, Christmas, 1974

**BOX****FOLDER TITLE****PHOTOGRAPHS (Contd)**

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Roger Samuelsen and family, 1975

Fritz Ohre, January 2, 1975

Hubbs, Headline Award 74, January 24, 1975

American Society of Ichthyologists and Herpetologists 55th annual meeting, Williamsburg, Virginia, June 8-14, 1975

European Ichthyological Congress, December 7, 1978

Shigeho Tanaka, July 1975

Pacific Science Congress, Vancouver, August 1975

Dr. Yoshio Hasegawa, Director Hokkaido Regional Fisheries Research Lab, XIII Pacific Science Congress, August 1975

American Society of Ichthyologists and Herpetologists meeting, Fairbanks, Alaska, June 1976

Marie-Louise Bauchot, August 28, 1976

Hubbs-Sea World Research Institute Dedication, May 24, 1977

National Oceanic Atmospheric Association open house at the Southwest Fisheries Center, October 20-21 1978

Hubbs Memorial Service, July 17, 1979

Moving the Hubbs Library, May 1980

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Laura Hubbs, fall 1980

**OVERSIZE PHOTOGRAPIC NEGATIVES**

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n.d.

1932

1932

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<b>BOX</b>	<b>FOLDER TITLE</b>
252-255	<b>PHOTOGRAPHIC PRINTS</b> , n.d.-1978
256-258	<b>PHOTOGRAPHIC NEGATIVES</b> , 1954-1978
259-261	n.d.-1953
262-264	<b>LANTERN SLIDES</b>
	<b>SOUND RECORDINGS</b>
265	Porpoise sounds. RCA Victor division of Radio Corporation of America. Vinyl 78 rpm record, n.d.
	Marine, Amphibian, and Bird Sounds. July 1962. P. P. Kellogg Laboratory of Ornithology. Open reel audio tape
	Gray whales in Scammons Lagoon, November 1967. Thomas C. Poulter, Bio-Sonar Laboratory, Stanford Research Institute, Menlo Park, California. Open reel audio tape
	Whale observation, San Ignacio Lagoon. No. 6, February 11-12, 1955. Carl Hubbs. Open reel audio tape
	No. 5. February 10, 1954. Carl Hubbs. Open reel audio tape
	No. 3. February 10, 1955. Carl Hubbs. Open reel audio tape
	No. 4. February 10, 1955. Carl Hubbs. Open reel audio tape
	Point San Antonio Del Mar to home. February 21, 1954. Open reel audio tape
	Whale observation, San Ignacio Lagoon, audio tape, February 10, 1953
	Fish noises off San Benedicto Island,. Noise through small hydrophone and hearing aid. March 10-11, 1953. Open reel audio tape
	Elephant seals, Steller sea lion, killer whale and other animal sounds, audio tape, 1962
	Centennial Speech by Smith. San Jose State College. December 9, 1963. Open reel audio tape

**BOX****FOLDER TITLE****SOUND RECORDINGS (Contd)**

- 265 Saucer dive, number 346 [IV:19:65]. Open reel audio tape
- Number 348 [IV:21:65]. Open reel audio tape
- Can fish distinguish color?, talk to Grossmont High Superior students, audio tape, July 26, 1966
- New method for catching fish. How can fish see at ocean depths? July 26, 1966. Talk to Grossmont High Superior students. Time 00:03:55 & 00:03:25. One open reel audio tape
- Bio-Sonar Conference, 1966. Stanford Research Institute, open reel audio tape, January 16, 1967
- Walrus. 1967. Thomas C. Poulter, Stanford Research Institute, open reel audio tape
- Gray whales in Laguna Ojo de Liebre, Baja California, Mexico. November 1967. Thomas C. Poulter, Bio-Sonar Laboratory, Stanford Research Institution, Menlo Park, California. Open reel audio tape
- Dedication of UCSD Natural Land and Water Reserve System, May 6, 1972. Audiocassette tape
- Questions and answers with Carl Hubbs. July 26, 1966. Open reel audio tape.

**FILMS**

- 266 Film of gray whales taken in San Ignacio Lagoon . UCLA. February 1950, 16mm, B&W, silent, time 00:03:00, master negative
- 267 Guadalupe fur seals, Hubbs-San Diego Museum, 16mm color film, 1955
- Deep water fish of Guadalupe Island. 1957. Ron Church, 16mm film, color, silent. X:1957
- Fur seal out of water for scientific purpose only. 1957. 16mm film, color

**BOX****FOLDER TITLE****FILMS (Contd)**

- 267 Prejuvenile nemichthyid from MV 67-IA-12, photography by electronics technician on THOMAS WASHINGTON IV:24:1967. 1968. 8mm film, color
- Hlubluwe [Hluhluwe, South Africa]. 1972. 8mm film, color. Long delayed by dock strike, VII:27:72
- Commercials removed from 'Antarctic Adventure, Animal World.' January 27, 1978. Bill Burrud Productions, Robert L. Wisner. I:26:78, 16mm film, color

- 268 **AWARDS AND REALIA - Binoculars**

**SUBJECT FILES – OVERSIZE**

- 269 Talks - "The origin of species," December 11, 1944
- Talks - "Ichthyological discoveries since coming to Scripps," March 30, 1945
- Talks - "Endemism in fishes," December 27, 1945
- Talks - "Below the surface," October 18, 1948
- Alaska, 1939 - Labor problems
- Alaska, 1939 - Miscellaneous
- American Fisheries Society, Committee on Common and Scientific Names of Fishes, n.d.
- American Society of Ichthyologists and Herpetologists, Western Division, 1964 Meeting, June 1964
- Anatomy and Physiology, Alimentary canal, 1973
- Anatomy and Physiology, Teeth, 1945
- Archaeology, Manuscript and correspondence with G.F.Carter, 1954
- Archaeology, Localities, San Diego County, n.d.

**BOX****FOLDER TITLE****SUBJECT FILES – OVERSIZE (Contd)**

269

Archaeology, Localities, Florida, 1971-1972

Archaeology, Localities, Baja California, 1963

Australian Museums, 1938-1966

Biographic, Barnhart, Percy Spencer, 1952

Biographic, Clark, Frances K., 1971

Biographic, Eigenmann, Rosa Smith, 1881

Kampa, Elizabeth, 1952

California Cooperative Oceanic Fisheries Investigation. Cruises, M/V YELLOWFIN, 1950

Conservation/Preservation, Fishes, Desert Fishes, General, 1977-1979

Conservation/Preservation, Mammals, Gray whales, 1976, 1978

Conservation/Preservation, Mammals, Tule Elk, 1971-1978

Darwin Foundation, 1973-1977

Desert Fishes Council, 1971

Distribution, Islands, 1963-1966

Distribution, Marine, 1952-1974

Expeditions and Trips, ZACA, 1946

Expeditions and Trips, Galapagos Islands, June 1973

Fish Management, 1954, 1967

Fisheries, General, 1950

Fisheries, Mexico, 1948-1968

Fossils, Fish, General, 1970



**BOX****FOLDER TITLE****SUBJECT FILES – OVERSIZE (Contd)**

269

Illustrations and Illustrators, 1954

Inter-Museum Council, 1958

International Congress of Zoology, (XV-1958), 1958

International Union of Biological Sciences, 1955-1960

International Union for Conservation of Nature, 1964-1968

Library, 1947

Marine Biological Association of India, 1971

Marine Life Research, Staff, 1949

Maritime Museum Association of San Diego, 1962

National Council Of American Soviet Friendship, 1944-1946

National Speleological Society, 1944-1971

New York Zoological Society, 1936-1966

270

Nomenclature, International Commission on Zoological  
Nomenclature, 1964-1966

Nutrition, 1948-1958

Oceanographic Society of the Pacific, 1948

Oceanography, 1963

Pacific Fisheries Conference, 1949-1950

Pacific Science Congress-VII, 1949, New Zealand, 1948-1949

Pacific Science Congress-XI, 1966, Japan, 1966

Paleoclimatology, 1966

Publications, Andriashev-Oliva

**BOX****FOLDER TITLE****SUBJECT FILES – OVERSIZE (Contd)**

270

Publications, Phillipps

Radiocarbon Dating- General, c1959

San Diego Aquarium Society, 1948

San Diego Society of Natural History, Membership list, 1949

Scripps Institution of Oceanography, Class notes, Synopsis of Marine Mammalia, 1946

Sea World-General, 1966

Society for the Study of Evolution, Constitution and By-Laws, n.d.

Society of Systematic Zoology, 1948-1951

Society of Systematic Zoology, Correspondence, 1948

Stanford University-General, 1942

Students, A.K. Datta-D.B. Saxena

Systematics-General, 1941

Temperatures-Manuscript on northward occurrence of southern forms,

Notes, data and summaries, 1946-1962

University of California, Natural Land and Water Reserve System, Research Grants, 1952

Vanderbilt Foundation, December 1960

Vanderbilt Foundation, December 1960

Variation-Manuscripts, Notes and data, 1920

Visiting Investigators, K.R. Allen-Nabuo Egami

Visiting Investigators, Ch'eng-chao Liu-Deogracias V. Villadolid

**BOX****FOLDER TITLE****SUBJECT FILES – OVERSIZE (Contd)**

270

Wildlife Society, 1942

Zoological Society of San Diego, Otto Educational Center, 1963

Zoological Society of San Diego, Public Relations, 1955

Zoological Society of San Diego, Staff, Labor Contracts, 1964

Zoological Society of San Diego, Wild Animal Park, 1964, 1969,  
1972**MARINE LIFE – OVERSIZE**

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West Coast, Localities, Mexico, Baja California, Fishes, list of  
collections, 1946West Coast, Localities, Mexico, Baja California, Cedros Island,  
1963-1964West Coast, Localities, Mexico, Baja California, Guadalupe Island,  
Correspondence, 1962-1968West Coast, Localities, Mexico, Baja California, Guadalupe Island,  
Weather, 1968West Coast, Localities, California, San Diego County lagoons, "AT  
and SF Railway Company preliminary and location surveys up San  
Diegito Valley near Del Mar," n.d.

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West Coast, Localities, Alaska, 1942

West Coast, Plants, Kelp, Researches, Kelco Study, 1949-1950, 1959

West Coast Fishes, General, notes, news, references, 1945

271

West Coast Fishes, California List, Manuscript, "Notes on fishes new  
or rare in Southern California," by Carl L. Hubbs, manuscript, 1945

**BOX****FOLDER TITLE****MARINE LIFE – OVERSIZE (Contd)**

- 271 West Coast Fishes, Group 5, General, References, News, Photos, 1966
- West Coast Fishes, Group 5, Correspondence, 1946, 1949
- West Coast Fishes, Group 5, Lamnidae, notes and references, 1942
- West Coast Fishes, Group 5, Lamnidae, Newspaper clippings, photos and illustrations, Gilbert P. Whitley
- West Coast Fishes, Group 5, Mustelus, 1946
- West Coast Fishes, Group 5, *Rhizoprionodon*, formerly *Scoliodon*, Drawings by Alma Froderstrom for Carl L. Hubbs and J.L. McHugh, "Pacific sharpnose shark ... California," California Fish and Game 36(1), January 1950, pp. 7-11
- West Coast Fishes, Group 6, *Myliobatus*, 1946, 1962
- West Coast Fishes, Group 6, *Raja fitchi*, 1952-1974
- West Coast Fishes, Group 6, Rajidae, Carl L. Hubbs and Reizo Ishiyama, "Descriptions of three new species of skates of the genus *Raja*, one new from the equatorial Pacific," Notes, references, 1948
- West Coast Fishes, Group 8, notes, 1924
- West Coast Fishes, Group 23, general, n.d.
- West Coast Fishes, Group 23, *Cypselurus*, 1945-1946
- West Coast Fishes, Group 34, *Sphoeroides*, notes made by Gilbert before 1912
- West Coast Fishes, Group 40, *Atherinops*, 1946
- West Coast Fishes, Group 43, *Sarda*, Correspondence, 1966
- West Coast Fishes, Group 46, Sciaenidae, 1946
- West Coast Fishes, Group 47, *Embiotoca*, Notes, 1948
- West Coast Fishes, Group 54, *Oxylebius*, 1946

**BOX****FOLDER TITLE****MARINE LIFE – OVERSIZE (Contd)**

- 271 West Coast Fishes, Group 55, general, 1946
- West Coast Fishes, Group 55, *Artedius*, general, 1946
- West Coast Fishes, Group 56, *Elephantichthys*, 1933
- West Coast Fishes, Group 57, *Syngnathus*, Notes, references, 1948
- West Coast Fishes, Group 59, *Gobiidae*, Notes, 1917
- West Coast Fishes, Group 60, *Rimicola*, 1944-1945
- West Coast Fishes, Group 61, general, 1946, 1953
- West Coast Fishes, Group 61, *Gibbonsia*, 1945-1946
- West Coast Fishes, Group 61, *Heterostichus*, 1945
- West Coast Fishes, Group 61, *Hypsoblennius*, Notes, 1945
- West Coast Fishes, Group 61, *Malacoctemus*, 1946-1961
- West Coast Fishes, Group 61, *Pholis laeta*, 1950
- West Coast Fishes, Group 64, *Symphurus*, Notes, 1946
- West Coast Aves, Correspondence, 1969
- West Coast Aves, *Puffinus*, Correspondence, 1959
- West Coast Mammals, Conferences, Third International Meeting on Marine Mammals of Baja California, La Paz, February 15-16, 1978, Agenda
- West Coast Mammals, Conferences, Marine Mammal Commission, August 21, 1973
- West Coast Mammals, *Arctocephalus*, Correspondence, 1956-1975
- West Coast Mammals, Cetacea, Correspondence, January 15, 1953
- West Coast Mammals, Cetacea, Ambergis, 1962

**BOX****FOLDER TITLE****MARINE LIFE – OVERSIZE (Contd)**

- 271 West Coast Mammals, Cetacea, Whaling, "Report of the delegation of the USA to the first meeting of the International Commission for the Regulation of Whaling," 1950
- West Coast Mammals, *Eschrichtius*, Tracking, 1968-1969
- West Coast Mammals, *Grampus*, Correspondence, 1960
- West Coast Mammals, *Megaptera*, Drawing, 1962
- West Coast Mammals, Pinnipedia, Correspondence, 1978
- Fishes, World, Classification, by various authors, 1935
- Fishes, World, Correspondence, 1975
- Fishes, World, Oxford University Press, Contract to write a book entitled Fish Life, 1946
- Fishes, World - Group 4P, Correspondence, 1971, 1975
- Fishes, World - Group 4P, *Geotria* and *Mordacia*, 1936, 1948-1978
- Fishes, World - Group 4P, *Lampetra (Entosphenus) tridentata*, Manuscript, "Analysis of variability in the detention of the Pacific Lamprey, *Entosphenus tridentatus*," n.d.
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- Fishes, World - Group 7, *Latimeria*, Newspaper clippings, 1953
- Fishes, World - Group 7, *Latimeria*, Correspondence, 1957-1966
- Fishes, World - Group 8, Engraulidae, Correspondence, 1962-1964
- Fishes, World - Group 8, *Sardinops*, correspondence, 1951-1952
- Fishes, World - Group 15, Motoyoshi Yokote, "Observations of spawning behavior ..." unpublished manuscript, c1948
- Fishes, World - Group 25, *Aulopus*, c1968

**BOX****FOLDER TITLE****MARINE LIFE – OVERSIZE (Contd)**

- 271 Fishes, World - Group 40, Correspondence, 1939
- Fishes, World - Group 42, Centrolophidae and Icosteidae, Notes, 1946
- Fishes, World - Group 64, Correspondence, 1938
- Fishes, New World- Group 41, Correspondence, 1973
- Fishes, New World - Group 64, Achiridae, Venezuela, 1965-1967
- Fishes, Atlantic Marine - Correspondence, 1936
- Fishes, Atlantic Marine – Group 5, Notes, 1956
- Fishes, Atlantic Marine – Groups 44, 45, n.d.
- Fishes, Atlantic Marine – Group 53, 1959
- Fishes, Atlantic Marine – Group 61, Manuscript, A.N. Svetovidov, "On the Ophidioid species of the European seas with remarks on the adaptive significance of the swim-bladder structure," 1954?
- Fishes, Atlantic Marine – Localities, Gulf of Mexico, 1917
- Fishes, Asiatic - Hubbs's 1929 trip, Notes on Thienemann collection
- Fishes, Asiatic – Group 6, 1962-1964
- Fishes, Asiatic – Group 15, 1954
- Fishes, Asiatic – Localities, China, general, "Light's notes on Chinese *Branchiostoma thormites* for study of protozoa," c1923
- Fishes, Asiatic – Localities, Japan, notes and correspondence, 1929-1935
- 272 Fishes, Indo-Pacific - Group 7, 1953
- Fishes, Indo-Pacific - Localities, Australia, correspondence, 1 September 1950

**BOX****FOLDER TITLE****MARINE LIFE – OVERSIZE (Contd)**

272

Fishes, Indo-Pacific - Localities, Australia, Groups 58-59, Grant application, 1974

Fishes, Indo-Pacific - Localities, New Zealand, n.d.

Fishes, Pelagic – General, correspondence, 6 May 1955

Fishes, Pelagic – Group 43, *Benthodesmus*,  
Correspondence, 1954-1955

Fishes, Pelagic – Group 43, Istiophoridae, Correspondence, n.d.

Fishes, Eastern North America Freshwater - Group 15, *Erimystax*,  
notes, references, n.d.

Fishes, Eastern North America Freshwater - Group 15, *Hybopsis*  
(*Erimystax*), Correspondence, June 1953

Fishes, Eastern North America Freshwater - Group 15, *Notropis*  
*cornuta*, Notes, 1924

Fishes, Eastern North America Freshwater - Group 36, general, 1946

Fishes, Western North America Freshwater - Manuscripts, notes,  
references, news, 1945

Fishes, Western North America Freshwater – Group 49, *Tilapia*  
(=*Sarotherodon*) 1964, 1977

Fishes, Western North America Freshwater – Localities, Great Basin,  
General, notes, references, n.d.

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(unpublished), “Studies of the fishes of the order Cyprinodonts XVI.  
A review of the Cuban cyprinodonts,” c1936, Notes and  
correspondence, General, notes and measurements, 1920-1931

Fishes – Group 27, Cyprinodontes, Manuscript and notes, Samuel  
Garman, "Reptiles and fishes from Margarita Island, Venezuela," n.d.

Fishes – Group 27, *Gambusia*, Notes, 1931



<b>BOX</b>	<b>FOLDER TITLE</b>
	<b>MARINE LIFE – OVERSIZE (Contd)</b>
272	Fishes – Group 27, <i>Mollienisia</i> , News, 1947
	Fishes – Group 27, <i>Orestias</i> , c1942
	Fishes – Group 27, <i>Pamphorichthys</i> , n.d.
	Hybrids – Fishes, Group 9, <i>Salvelinius</i> , 1954
	Hybrids – Fishes, Group 27, Grant for genetic behavior of fish (NRC), n.d.
	Hybrids – Fishes, Group 27, Correspondence, 1935, 1937
272	<b>PHOTOGRAPHS -- OVERSIZE</b> - Portrait of Elizabeth Kampa by Paul Williams, n.d.
	<b>AWARDS &amp; REALIA - OVERSIZE</b>
272	American Fisheries Society, Award of Excellence, n.d.
	Tokai University, medal, n.d.
	Fridericus IX Rex Danie, Galathea Medal 1950-1952
	The Academy of Natural Sciences of Philadelphia, Joseph Leidy Medal, 1964
	California Academy of Sciences, Fellows Medal, November 2, 1966
273	Pacific Science Association, Shinkishi Hatai Medal, 1971
	Arizona New Mexico Chapter American Fisheries Society, Award of Excellence, 1978
	<b>FILMS – OVERSIZE</b>
274	Whale (?) noises, Antarctic Ocean. 1955. Hector Whaling Ltd. Vinyl LP record
	Deep voices: the second whale record. 1977. Capitol Records. Vinyl LP record

**BOX****FOLDER TITLE****FILMS – OVERSIZE (Contd)**

- 274 Antarctic Adventure, Animal World. Bill Burrud Productions, 1969. 16mm film, color, sound
- The Challenging Sea, 1970. NBC Enterprises - Bill Burrud Productions & Canawest Film Production, a division of KWOS TV, Vancouver. Canada, Charles J. Sutton was the producer and photographer, executive producer was Wolfgang Bayer, written/directed by Barry Clark. 16mm film, color, sound
- The World of Bill Burrud, n.d.
- Diving saucer heads, 16mm film master print, n.d.
- 274 Diving saucer, 348-398, 346. 16mm film master print, color, n.d.
- 275 Diving Saucer, 332, 334. Dive #332 - III: 29:65, Carl L. Hubbs off Scripps; Dive #334: IV: 2:65, A.J. Stover off Scripps La Jolla Canyon. 16mm film, color, two copies. n.d.
- Killer Whale, Animal World. Bill Burrud Productions, 1965, 16mm film, color, sound, n.d.
- Protection against enemies of the deep. Electric Fish Screen Company, Hollywood, California, n.d. 16mm film, silent with titles. Film on an electronic shark repeller.
- Spinner porpoise, U.S. Bureau of Commercial Fisheries, 16mm film, color, silent, n.d.
- Sanctuary Under Siege, Animal World. Bill Burrud Productions, 1965. 16mm film, color, sound
- 276 Diving Saucer Dives, 332 (III:29:65), 335 ( IV:2:65)
- Elephant seals, R3, R-4, Guadalupe Island. February 27-March 8, 1965. Sven Gillsater. 16mm film, work print
- Fur and elephant seal, February 27-March 8, 1965
- Guadalupe Island trip on POLARIS, February 27-March 8, 1965. Sven Gillsater. 16mm film

**BOX****FOLDER TITLE****FILMS – OVERSIZE (Contd)**

276 Guadalupe Village and Island shots, February 27-March 8, 1965. Sven Gillsater. 16mm film

Photograph, Carl Hubbs and Researchers with Beaked Whale on Beach, n.d.

**SLIDES****# of SLIDES****SLIDE SUBJECTS**

- 23 **Venezuela I:** November 10, 1968. Color Slides. Scenes of downtown Caracas; Sr. Felipe Martin Salazar. photo of sloth.
- 31 **Curacao II:** November 19-22, 1968. Color slides. Scenes of Westpunbaai; US R/V KANE, Soviet R/V ALCADIKIK KURCHATOV; scenes at Sint Anna Baai, traffic at harbor, Laura Hubbs, T. Rass & Mrs. Pertova-Optromouva at UNESCO/FAO Symposium on Oceanography; Caretta; Eretmochelys; Chelonia mydas; scenes at Piscaderobaai; Dario Guitart Mayday; Dr. Kestevan; Harvy Bullis.
- 32 **Curacao III:** November 22, 1968. C.P. Idyll; Gordon Gunter; Juan Luis Cifuentes; Thomas Henry Fraser; William Farr Smith-Vaniz; Tomio Iwamoto; Robert John Livingston; John Staiger; Arthur A. Myrberg; White tiger, Crandon Park Zoo, Miami; Fairchild Gardens, Miami; Archie Carr; Henry Hildebrand; Jorge Cananza; Adam Ben-Tuvia
- 33 **Venezuela III & Curacao:** November 17-19, 1968. Rancho Grande landscapes; rain forest; Francisco Cervigon; Pinto Paiva; scenes of Pescaderobaai; Curacao Hilton.
- 68 **CC 24 ASIH Meeting:** June 26-July 4, 1973. Participants at ASIH meeting in San Jose, Costa Rica; San Jose to Turrialba; Near San Jose and trip to Gulfo to Nicaoyo; One day collecting trip to Golfo de Nicay; trip on Velero IV; San Jose; return via Guatemala City and NW to head of Golfo de California.

BOX	FOLDER TITLE
# of Slides	SLIDES (Contd)
21	<b>Pacific Scientific Congress, Canada 1:</b> August 10-11, 1975. Colleagues; Hells Gate
32	<b>Canada 2:</b> August 11-13, 1975. Frazier River; Mt. Robson; mountains, glaciers, rivers; Antabasca Falls; Columbia Ice Fields.
21	<b>Canada 3:</b> August 13-14, 1975. Lakes, Alberta; Glaciers, Saskatchewan; Lake George; Victoria Glacier; Mt. Eisenhower
37	<b>Canada 4:</b> August 14-16, 21-23, 1975. Mt. Rundle; Mt. Eisenhower; Selkirk Range; Glacier National Park; Lake Okanagan; Reuben Lasker; Bruck A. Taft; Ching Ming Kuo; Lauren Donaldson; K. Gilbey Hewlett; Yoshiaki Tominaga; Frank Talbot; Dayton Alverson; Rixhard Krejsa; Norman Wilimovsky; Hubert Caspers; Philip Helfrich; John Isaacs; John P. Harviller; Casimir Lindsey; Howe Sound.
22	<b>Canada 5:</b> August 23-25, 1975. Mountains; Howe Sound; Nitobe Gardens; John Radovich; Don Gorsline; Michael Horn; K. Christopher Riegler; George Pickard; Emma Lou Davis; Gene Helfman; Glenn Flitner; Herman Kleer Kopfer
21	<b>Horizon Trip, incl. Guadalupe Island, I-II: 1964:</b> Guadalupe landscapes; Heinz A. Lowenstam; Sergio Garcia; Baja landscapes; Delphinas at bow of Horizon; catch of Pleuroncodes
21	<b>1964 Whale Trip, I, Bahia de los Angeles, Baja California, Norte, II: 21-22: 1964, Middle Sites, etc.:</b> Rock shelter; Boca de Soledad; cave; midden strata.
20	<b>1964 Whale Trip, II, From Laguna Ojo de Liebre (Scammons), Around Cabo San Lucas, and North to Lagoon N. of Bahia Magdalena, II: 22.23: 1964:</b> Gray Whales in Scammons Lagoon; Devils Bend; volcano; Laguna Soledad; Bahia Magdalena; Los Frailes, Cabo San Lucas; Las Cruces; Capt. Noel L. Farris at wheel of Horizon leaving I. Guadalupe; Spencer F. Baird.

BOX	FOLDER TITLE
# of Slides	SLIDES (Contd)
13	<b>1964 Whale Trip, III, Matcovecitos to NW of Punta Colnett, II 23-24: 1964:</b> Matancitas; Bahia de los Angeles; Boca de Soledad; Boca de Santo Domingo; Kelp Pt. & Punta Rompiento; Slick Pattern.
24	<b>I: 9-21: 1967, Reunion Para el Desarrollo Pesquero del Golfo de California:</b> Mercado Sanchez; F. Cardenad; Pedro Cifuentes, Juan Luis Cardenas, F. Mauro; Clifford L. Peterson; Susanne Kato; Agustin Ayala; Mauro Caroedas; shrimp trawlers.
15	<b>ASIH Meeting, Tulane University, March, 1970, Persons &amp; Field Trip:</b> Kirk Strawn; Don McAllistor; William Alonzo Gosline; Reeve McLaren Baily; Shen; Daniel Anne Cohen; Liem; scenes from field trip.
20	<b>MV71-I, v-vi. 1971, Isla Guadalupe, Isla Cedros, San Clemente Is.,</b> Not labelled.
9	<b>June 5, 1973, Santa Cruz Island U.C.N.L. &amp; W.R. Syster, U. Calif. Nat Land &amp; Water Resources (on the University Committee:</b> UC Reserve, Santa Cruz Island; Central Valley; Buried middens at mouth of Canada del Puerto
18	<b>Empetrichthys l. latos refugium, Sept. 11, 1975; Albacore fishing trip, Sept. 27,1975; Bertetsen, encl.; Lake Searles, Oct. 12, 1975; Portraits, Desert Fishes Council:</b> Pond at Ft. Soda Spring; Sea World Members on Albacore Fishing Trip; Milt Shedd; Recession lines of last stage of L. Searles; Searles Pinnacles.