

Accession No.:2005-10

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Hessler, Robert Raymond 1932-

Robert Raymond Hessler Papers, 2000

Physical Description: 8 mss

Description: The accession includes lecture notes and teaching files for SIO 277, Deep Sea Biology, and photographic images and film taken by Robert R. Hessler on expeditions. The film consists largely of color underwater images, including images of deep sea animals. The images include many taken on Galapagos Ridge during the Angus Survey.

Hydrothermal vents; Hydrothermal vent ecology; Galapagos Islands

Robert Raymond Hessler**Papers, 1965-2001****Accession Number 2005-10****BOX****FOLDER TITLE**

1	Dispersal at Vents, 2000
	SIO280 Guest Lectures, 1976-97
	277 D-S Biol. Winter, 2001
	277 D-S Biol. Symposium, Fall 2000
	Hydrothermal Vents, Seeps, 1997-2000
	Colonization Round Table, 1995-2000
	Dead Whales, C.S Smith, 2000
	Bioturbation C. S Smith, 2000
2	277 D-S Biol. Guest Lect. Handout, 2000
	D-S Faunal Composition + Adaptations, 1997-2000
	D-S Diversity Talk, 1997-2000
	Standing Crop, 1997-2000
3	Trophics D-5 Talk, 1997-2000
	D-S Zonation Talk, 1990-2000
	Life Histories, 1997-2000
	Community Periodicity, 1997-2000
	High-Energy Soft Bottoms, 1991
	Hard Bottoms, 1991
	D-S Benthic Techniques, 1974-91
	D-S Physical Environment, 1990
	Water Column, n.d

BOX	FOLDER TITLE
4	Robert Hessler 127 Scripps Bldg., n.d Slides, May 1991 Fish Photo Book, n.d Fish Photo Book, 1972 Fish Photo Book, n.d
5	Miscellaneous Papers, 2000 D-S Photos, 1977 Misc. Sci Photos and Drawings, n.d Isopod Talk- La Jolla, Dec. 1967 Isopod Lifecycle Talk, n.d L.G.L. / M.M.S. D-S Lecture, New Orleans, 1984 277 D-S Biol., Spr 1997 Misc. Lecture Notes, D-S, 1969 Deep Sea Literature, n.d Bibliographies- Deep Sea, 1979-1989 D-S General History, 1989-1994 Pattern of Distribution in the D-S, 1992-1997
6	Nutrient Input, 1995-2000 Rates in D-S Bacteria Talk, 1976 Snider Notes: Life Cycles, n.d Reproduction in D-S, 1974 D-S Biogeography, Origin, 1979-97 Talk: Origin of D-S Isopods, n.d Biogeography Paper (London) Notes, 1981

BOX	FOLDER TITLE
6	<p>Energetics, n.d</p> <p>Diversity Data, 1965</p> <p>Talk: Diversity in D-S, 1971</p> <p>Talks: Structure D-S Community, Central Pacific (+Trenches), 1972-74</p>
7	<p>Talk- Structure of Deep Sea Communities, n.d</p> <p>Bacteria, n.d</p> <p>Ken Smith, 1995</p> <p>Physiology- Somero, 1976-79</p> <p>Levin, Animal Sed./Flow, 1993-95</p> <p>Stein, Vent Biochem, Physiology, 1993</p> <p>Energetics, 1989-93</p> <p>Biogeogs Effect, n.d</p> <p>Final D-S Talk: Integration, n.d</p> <p>Trenches, n.d</p> <p>D-S Environments, n.d</p> <p>Genetics, 1976</p> <p>Deep Sea Fish, 1993-95</p> <p>Meiofauna, 1974</p> <p>D-S Meiofauna, n.d</p> <p>WHOI Convocation, 1974</p>
8	<p>D-S Copepods, n.d</p> <p>Trench Amphipods Talk, n.d</p> <p>Foraminiferans, 1993-1995</p>

BOX

8

FOLDER TITLE

Foram Distribution, 1978

Jackson Talk, Winter 1981

Grassle and Sanders, 1973

Carney and Carey, Holothuroids, 1978

Gage et al. Repro. Periodicity in D-S, in Science, 1978

Misc. D-S Overheads, n.d

FILMS

These films were sorted, viewed and appraised in 2017 under the direction of the Film and Media Librarian. None of these films are available digitally; inquire for access.

Box #	Item #	Title	ID	Description
9	1	NA	caljsioa_mov00501416-A	Still images from 1980-1981 East Pacific Rise expedition. 35mm slide film.
9	2	ANGUS #241, Camera #2	caljsioa_mov00501416-C	Still images of rock formations, fish, crustaceans during 1984 Galapagos expedition. 35mm slide film
9	3	ANGUS #243, Camera #2	caljsioa_mov00501416-D	Still images of deep sea life, rock formations during 1984 Galapagos expedition. 35mm slide film.
9	4	ANGUS #243, Camera #1	caljsioa_mov00501416-E	Still images of rock formations, fish, crustaceans during 1984 Galapagos expedition. 35mm slide film
9	5	ANGUS Camera #1 - New Vent	caljsioa_mov00501416-F	Still images of rock formations during 1984 Galapagos expedition. 35mm slide film.
9	6	ANGUS #246, Camera #2	caljsioa_mov00501416-G	Still images of rock formations during 1984 Galapagos expedition. 35mm slide film.
9	7	ANGUS Unknown	caljsioa_mov00501416-H	Still images of deep sea life, rock formations during unknown 1984 expedition. 35mm slide film.
10	1	Mariana Trench footage	caljsioa_mov00501417-A, B, C	Still images of fish and crustaceans during 1976 Mariana Trench expedition. 35mm slide films.
10	2	H229 - Mariana XII - original	caljsioa_mov00501417-D	Footage of crustaceans during 1976 Mariana Trench expedition. 16mm film.
10	3	H299 – Mariana XII – Bait Board 0.5m	caljsioa_mov00501417-E	Footage of bait board including crustaceans during 1979 Mariana Trench expedition. 16mm film.
10	4	H299 - Mariana XII - Bait Board	caljsioa_mov00501417-F	Footage of 1978 Mariana Trench expedition. 16mm film.
10	5	H-314, #0773	caljsioa_mov00501417-G	Footage of fish, rays during 1976 Mariana Trench expedition. 16mm film.
10	6	H314 - Mariana XII - Hoop Net 0m	caljsioa_mov00501417-H	Footage of fish, rays during 1976 Mariana Trench expedition. 16mm film.
10	7	H314 - Mariana XII - Hoop Net 0m	caljsioa_mov00501417-I	Footage of 1978 Mariana Trench expedition. 16mm film.
10	8	H318 - Mariana XII - Bait Board	caljsioa_mov00501417-J	Footage of 1978 Mariana Trench expedition. 16mm film.
10	9	H318 - Mariana XII - Bait Board	caljsioa_mov00501417-K	Footage of 1978 Mariana Trench expedition. 16mm film.

11	1	ANGUS #239, Camera #1	caljsioa_mov00501418-A	Still images of fish, rays during 1983/1984 Galapagos expedition. 35mm slide film.
11	2	ANGUS #239, Camera #2	caljsioa_mov00501418-B	Still images of fish, rays during 1983/1984 Galapagos expedition. 35mm slide film.
11	3	ANGUS #240, Camera #1	caljsioa_mov00501418-C	Still images of fish, bivalves during 1983/1984 Galapagos expedition. 35mm slide film.
11	4	ANGUS #240, Camera #2	caljsioa_mov00501418-D	Still images of fish, crustaceans, rock formations during 1984 Galapagos expedition. 35mm slide film.
11	5	ANGUS #241, Camera #1	caljsioa_mov00501418-E	Still images of fish, bivalves, rock formations during 1984 Galapagos expedition. 35mm slide film.
11	6	ANGUS #241, Camera #2	caljsioa_mov00501418-F	Still images of fish, crustaceans, rock formations during 1984 Galapagos expedition. 35mm slide film.
12	1	ANGUS #246, Camera #2	caljsioa_mov00501418-G	Still images of fish, rock formations during 1983/1984 Galapagos expedition. 35mm slide film.
12	2	ANGUS #241 to #246 films	caljsioa_mov00501418-H	Still images of fish, rock formations during 1984 Galapagos expedition. 35mm slide film.
12	3	ANGUS #245, Camera #1	caljsioa_mov00501418-I	Still images of fish, bivalves, rock formations during 1984 Galapagos expedition. 35mm slide film.
12	4	ANGUS #245, Camera #2	caljsioa_mov00501418-J	Still images of fish, bivalves, rock formations during 1984 Galapagos expedition. 35mm slide film.
12	5	ANGUS #247, Camera #1	caljsioa_mov00501418-K	Still images of rock formations during 1984 Galapagos expedition. 35mm slide film.
12	6	ANGUS #247, Camera #2	caljsioa_mov00501418-L	Still images of rock formations during 1984 Galapagos expedition. 35mm slide film.
13	1	ANGUS #248, Camera #1	caljsioa_mov00501418-M	Still images of fish, bivalves during 1983/1984 Galapagos expedition. 35mm slide film.
13	2	ANGUS #248, Camera #2	caljsioa_mov00501418-N	Still images of fish, bivalves during 1983/1984 Galapagos expedition. 35mm slide film.
13	3	"W.O. 229851 - Subject: Best of the Gyre 1979"	caljsioa_mov00501419-A	Compilation film of Mariana Trench expeditions. 16mm film.
13	4	H318 - Mariana XII - Original - 74141-5272	caljsioa_mov00501419-B	Footage of fish during 1976 Mariana Trench expedition. 16mm film.
13	5	304542 - 400ft Camera Sled	caljsioa_mov00501419-C	Still images of deep-sea life, likely during 1983/1984 Galapagos expedition. 35mm slide film.

13	6	304542 400ft Camera Sled Data Chamber	caljsioa_mov00501419-D	Still images of deep-sea life, likely during 1983/1984 Galapagos expedition. 35mm slide film.
13	7	H393/H397 Deployment Film Strips	caljsioa_mov00501419-E	Still images of unknown 1984 expedition. 35mm slide film.
14	1	H393 Starboard 020"	caljsioa_mov00501419-F	Still images of rock formations during unknown 1984-1985 expedition. 35mm slide film.
14	2	H393 Starboard 020"	caljsioa_mov00501419-F C-2	Unknown footage of deep-sea life, shot in 1984/1985. 35mm slide film.
14	3	23362 (4) H393 9-22-85 Port	caljsioa_mov00501419-G	Still images of rock formations during unknown 1984-1985 expedition. 35mm slide film.
14	4	23362 (4) H393 9-22-85 Port	caljsioa_mov00501419-G C-2	Still images of rock formations during unknown 1984-1985 expedition. 35mm slide film.
14	5	H393 - 22 Sept 85 - Starboard Camera 0202 - cooked board	caljsioa_mov00501419-H	Still images of rock formations during unknown 1984-1985 expedition. 35mm slide film.
15	1	H393 - 22 Sept 85 - Starboard Camera 0202 - cooked board	caljsioa_mov00501419-H C-2	Still images of rock formations during unknown 1984-1985 expedition. 35mm slide film.
15	2	23362 H397 9-28-85	caljsioa_mov00501419-I	Still images of rock formations during unknown 1984-1985 expedition. 35mm slide film.
15	3	Head 23363 (3) H397 9-28-85 PORT	caljsioa_mov00501419-J	Still images of fish, rock formations during unknown 1984-1985 expedition. 35mm slide film.
15	4	H397 - 10:33:26 - Amperima rosea Perrier	caljsioa_mov00501419-K	Still images of deep sea life, rock formations during unknown 1984-1985 expedition. 35mm slide film.
15	5	H393 - 22/IX/85 - 020 Starboard	caljsioa_mov00501419-L	Still images of fish, rock formations during unknown 1984-1985 expedition. 35mm slide film.
15	6	H393 - 22/IX/85 - 019 Port	caljsioa_mov00501419-M	Still images of fish, rock formations during unknown 1984-1985 expedition. 35mm slide film.
15	7	[Untitled]	caljsioa_mov00501419-O	Unknown footage of deep-sea life, shot in 1973-1975. 35mm slide film.
15	8	NS Foundation/Desert in Deep	caljsioa_mov0050620	National Science Foundation/Scripps-produced educational film providing overview of deep sea photography. 16mm film.