

Accession No.: 83-09

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Enns, Theodore 1916-1982

Theodore Enns Papers, 1945-1981

Bulk: 1962-1981

PHYSICAL DESCRIPTION: 2 record center cartons

DESCRIPTION: The papers include correspondence, notes, laboratory notebooks, subject files, proposals, manuscripts and other material documenting the work of Theodore Enns, research physiologist and lecturer in Marine Biology at Scripps. The material largely concerns Enns' career at Scripps, but does include some papers documenting his work at the Johns Hopkins School of Medicine and as a Guggenheim Fellow and Fullbright Award Recipient working at the Institute of Zoophysiology in Oslo, Norway.

Theodore Enns Papers, 1945 – 1981
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BOX**FOLDER TITLE****CORRESPONDENCE**

1 Correspondence, n.d.
 1948-1956
 1957-1960.
 1961-1971
 1972-1976
 1977-1981

SUBJECT FILES

 Atlantic City, 1978

 Atomic Energy Commission, 1962-1967

 Diagrams and Reports: Gas Alpha Counter, Hand Monitor, Electrometer Circuit,
 1945

 Fullbright Application, 1955-1957

 Departmental Examination, October 15, 1976

 Dye Dilution, 1960

 Alan R. Hargens, 1970

 XX International Physiological Congress, 1956

 Marine Biology 280B, May 17, 1971

 Office of Naval Research, 1975-1978

 Photographs, n.d.

NOTES

 Notes, n.d.

 Notes, n.d.

 Notes, n.d.

BOX**FOLDER TITLE**

BOX	FOLDER TITLE
	NOTES (Continued)
1	All Pellet Results, notes, n.d.
	Carbonic Anhydrase in Algae, notes, n.d.
	Diffusion Capacity, notes, n.d.
	Diffusion Transport of CO ₂ , notes, n.d.
	Mass. Spec. Circuits, notes, n.d.
	Notes, 1942
	Counter Current, notes and manuscript, 1958
	Rambo, Section Two, 1970-1971
	Rambo, Section Three, 1970-1971
	Notes, 1971
	Notes, 1971
	Notes, 1971
	Notes, 1976
	Notes; September -2, 1977
	1978 Transport Data
	1978 Transport Data
	LABORATORY NOTEBOOKS
	Laboratory Notebook, 1952-1977
	1955-1965
	1963
	Gas Transport O ₂ Transfers through Hb Solutions, November, 1964, [Laboratory Notebook]
	S.R. McGowan, Carbonic Anhydrase, Book I, 9 November, 1964 -January, 1965
	Book II, January 28, 1965-August, 1965
2	Book III, September 17, 1965-January, 1966
	Book IV, June 26, 1964-November 10, 1967
	G. Bien Sham, Gas Transport, January, 1965
	G. Bien Sham, C ¹⁴ Diffusion, Jan-May, 1965, Sept-Dec., 1965, CO ₂ , November 1965, Nylon netting.

BOX**FOLDER TITLE**

- 2 **LABORATORY NOTEBOOKS (Continued)**
 Fe59 Rabbit Experiments, 1966
- S.R. Anderson, Shark Experiments, Book 1, Sept. 30, 1966-March, 1968
- 18O2 and O2 Transport through Hb, Monitored by Mass Spectrometer, 1968
- T. Enns and S.R. Anderson, Rays & Sharks, Fresh Water Sharks, April 27, 1968,
 Book 2
- S.R. Anderson & T. Enns, Shark Experiments, Sept. 16, 1968- October, 1968
- Mangroves, March 1964, Monster Foam Oxygen Solubility, 1972
- Laboratory Notebook, 1972-1973
- T. Enns, Gulf of California Expedition, October 28, 1974- November 4, 1974

MANUSCRIPTS

- Abstracts, n.d.
- Manuscript, n.d.
- Carbon Dioxide, n.d.
- "CO2 diffusing capacity in isolated dog lung lobes, and the role of carbonic
 anhydrase," Enns & Hill, n.d.
- "Characterization of the transport of glucose by the renal tubule cells of
 anaesthetized dogs," n.d.
- "Counting & Selection of the ionizing particles," n.d.
- "Gas Loss from a Temperature .Glacier," by Coachman, Enns & Scholander, n.d.
- "Gas Loss from a Temperate Glacier," n.d.
- "Gas Secretion in Fishes Lacking 'rete mirabile'," n.d.
- "Indicator-dilution studies with diffusible indicators," Chinard, Enns and Nolan,
 n.d.
- "Molecular Collision-Exchange Transport of Oxygen by Hemoglobin," Enns,
 n.d.
- "Osmotic Pressure," Chinard & Enns, n.d.

BOX**FOLDER TITLE**

- 2 **MANUSCRIPTS (Continued)**
- "Relative Renal Excretion Patterns of Sodium Ion, Chloride Ion, Urea, Water and Glomerular Substances," Enns & Chinard, n.d.
- "A Simplified Method for Determining Self-absorption Corrections for Weak Beta-emitters," n.d.
- 60 degree Mass Spectrometer Drawing, n.d.
- "DDT and thin Egg Shells," September 3, 1971
- "Gases in Glaciers," 1957
- "A Steady State Model of Light, Temperature and Carbon Limited Growth of Phytoplankton," by Dale A, Kiefer & Theodore Enns, March, 1975
- "Carbonic Anhydrase," 1977
- "Water Transport Across Semipermeable Membranes," Enns, 1979
- Manuscript and Correspondence, 1977-1980
- PROPOSALS**
- Grant H-2492, "Molecular Transport Across Biological Barriers," Enns & Chinard, 1956-1963
- Proposal UCSD 5421, 1972, Environmental Protection Agency, "DDT, Carbonic Anhydrase, and Marine Plant Growth ."
- Proposal UCSD 1172, May 11, 1978, Department of Energy, "Fate of Fossil Fuel CO₂: Some Biological Factors in the Uptake of CO₂ by the Oceans."
- Proposal UCSD 1776, January 10, 1980, Department of Health, Education and Welfare, "CO₂ Diffusion in Lung Tissue and in Muscle Tissue."
- OTHER PAPERS**
- Analytical Dynamics, Course Notes, n.d.
- Daily Book, 1970-1971
- "Research Plan for Antarctic Trip, Fall, 1972," By Gary Hobson Dobbs, III.