

Accession No.: 90-01

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Lewin, Ralph Arnold 1921-2008

Ralph Arnold Lewin Papers, 1938-1982

BULK DATES: 1962-1980

PHYSICAL DESCRIPTION: 23 record center cartons

DESCRIPTION: The accession consists of the personal papers of biologist Ralph Arnold Lewin. It consists of three series: Correspondence, 1941-1980, Laboratory Notebooks to 1980, and Manuscripts of Scientific Books and Papers to 1980. Ralph Lewin brought three negatives to SIO Archives on 3/5/91 taken at the 1st International Oceanographic Congress, 1959, which were added to collection.

RALPH ARNOLD LEWIN

Papers, 1938-1982

Accession Number 90-01

Box

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SCIENCE NOTES SERIES

1

Cambridge University, Laboratory Notebook, 1939-1947

Biochemistry Tripos, A-N, October 29, 1939-December 5, 1941

M-Z

Science Notes October 1939-July 1941

Zoology Tripos, A-L 1940-1941

M-Z

Notes, n.d.

Notes, Sundry Investigations, n.d.

Notes, AAAS Meeting, New York, December 1949

Student Notes, c1950

c1951

Osborn Botanical Laboratory, Yale, Electron Neuroscopy of
Chlamydomonas, n.d.

Osborn Botanical Lab, Yale, Chlamydomonas, Book1

Book 2

Book 3

Book 4

Book 5

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- 1 Student Notes (cont.)
 Osborn Botanical Lab, Yale, Chlamydomonas (cont.)
 Book 6
 Book 7
 Book 8
 Book 9, 1951-1952
 Book 10, 1952
 Osborn Botanical Lab, Yale, Algal Investigations (Sundry),
 1951
 Osborn Botanical Lab, Yale, Chlamydomonas Dysosmos, 1953
 Notes, Scripps Institution of Oceanography, 1963
 Correspondence, S-T, No. 3396 Luton Modern School, B.H.
 Lewin Maths, October 14, 1939-April 26, 1947 1 of 2
 U-Z, 2 of 2

CORRESPONDENCE SERIES

- 2 Christmas Cards 1957
 A, Science 1962-1963
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NATIONAL RESEARCH COUNCIL SERIES

	Halifax, Nova Scotia, 1952-1956 Abortive Projects, 1952 Assistant, 1952-1960 Associate Committee on Seaweeds Research, NRC, 1951-1953 Bibliography, Giles, Cytogenetics, n.d. Book Reviews, n.d. Canadian Society of Microbiologists, 1953 1954-1955 Electron Micrographs, 1958
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9	L Encrusting, M.A.
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9	Halifax, Nova Scotia, 1952-1956 (cont.) Exam, Cellular Physiology, 1949
	Exam Papers, Cambridge, Part II (Biology), 1941-1947
L	Expense Sheets, 1952-1955
	Experimental Botany (Dalhousie), 1953-1955
	Figures, e.m. Thesis, n.d.
L	Graphs, n.d.
	Handbook of Biological Data (Dormancy), 1953-1955
	Lab Sheets, Naylor, etc., Elem. Botany, 1947-1948
	Lectures, Woods Hole, Algae, 1949
	Smith, Algae, 1948
	Drawings, Algae, Cambridge, 1942
	Robinaw, Bacteriology, 1949
	Burkholder, Bacteriology, 1947
	Hutchinson, Biogeochemistry, 1947
	R.A. Lewin, JMCL Notes, Biology of the Algae, 1951
	R.A. Lewin, Biology of the Algae, n.d.
	R.A. Lewin, Mimeographs, Biology of the Algae, 1951
	Pollard, Biophysics, 1948
	Yale, Cellular Physiology, 1945-1948
	Naylor, etc., Comparative Plant Physiology, 1949
	Paulson, Cytology, 1947

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	Halifax, Nova Scotia, 1952-1956 (cont.)
	Lectures (cont.)
9	Lewin, Elementary Phycology, 1951
	Kokeritz, English Language, 1949
	Lewin, Flagellates, n.d.
	Stadler, Gene Action, 1950
	Yale, Genetics of Microorganisms, 1948-1949
	Van Niel, Microbiology, 1948
	Sinnott, Morphogenesis, 1947
	Cutter, Mycology, 1948
	Pollard, Physical Cytology, 1948
	Blinks, Physiology, 1948
	Naylor, Physiology of Growth, 1948
	Fruton, Physiological Chemistry, n.d.
	White, Plant Tissue Culture, 1947
	Bawden, Plant Virus Diseases, 1950
	Lewin, Sundry, 1950-1957
	Marine Biological Committee, 1942-1946
	Microbial Genetics Bulletins
	Mimeographed Abstracts, etc., n.d.
L	1941-1964
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9	Halifax, Nova Scotia, 1952-1956 (cont.)
	Mimeographed Abstracts (cont.)
	1952-1954
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	Mimeographed, Microbial Genetics, 1945-1946
	Mimeographed Microbiology, Tatem, etc., 1945-1946
	Newspaper Cuttings, Algae, 1946-1965
	Notes, Epiphytic Bryophytes, 1940
	Notes, Microbiology, 1948
	Notes, Sundry Investigations, n.d.
	Paper, Triangles, 1948
	Papers, International Botanical Congress, 1950, Algae
	Botany
	Photographical Light Rooms, etc.
	Plans MRL [Marine Regional Laboratory, Dalhousie], 1952
	Preparation of Scientific Papers, n.d.
	Quarterly Reports NRC, 1952-March 1953
	June-December 1953
	1954-1955
	Rabbits, n.d.
	Receipts, 1951-1961

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9	Halifax, Nova Scotia, 1952-1956 (cont.) Russian, 1957 Seminars, 1955-1965 Plant Physiology, Yale, 1946-1948 Society of Protozoologists Sundry, n.d. Algae, 1951-1969
10	Algal Investigations, 1948-1949 Technical Leaflets & Apparatus, n.d. U.S. Department of Justice, Immigration, 1948-1956 Warburgs, Chlamydomonas dysosmos, n.d. Chlamydomonas moewusii substrates, n.d.
L	C. moewusii substrates, n.d. Chondrus crispus, n.d. Chondrus crispus, n.d. C. moewusii, resp. Endog., photos inhibitors
L	C. moewusii, resp. Endog., photos inhibitors Data, (Chlamydomonas), 1952 Yale, 1947-1951
	LABORATORY NOTEBOOKS SERIES
	Flexibacteria, Saprospira, Flavobacteria, Reports by various workers, 1961-1963

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10	<p data-bbox="440 371 699 405">Flexibacteria (cont.)</p> <p data-bbox="537 407 954 441">Saprospira grandis, DAW 1, 2, 3</p> <p data-bbox="537 480 1206 514">Saprospira grandis, E-M Phages and Rhapiolosomes</p> <p data-bbox="537 554 1349 588">Saprospira grandis, Warburg respirometry, 1962, Angela Lewis</p> <p data-bbox="537 627 1349 661">Saprospira grandis, 1962-1964, 1966-1967, Nutrition & Phages</p> <p data-bbox="537 701 1284 735">World Survey of Marine Littoral Flexibacteria, 1964-1965</p> <p data-bbox="537 774 1341 846">Flexibacteria, Firubrum, Harrison Hotspring, elegans (NZ-1F), (A-52), (WAR-5), (PSY), (BA24)</p> <p data-bbox="537 886 1295 957">Saprospira grandis & Marine Flexibacteria, EM of Walls & Lysates</p> <p data-bbox="537 997 932 1031">Saprospira grandis, 1959-1962</p> <p data-bbox="537 1071 1365 1142">Flexibacteria (Mar.), (MP-10,14), (SF-1,2), (Gol-5), (S10-1,2,4), (GG-3), Other</p> <p data-bbox="537 1182 1105 1215">Flexibacteria (F.W.), Costa Rica, 1963-1969</p> <p data-bbox="537 1255 1373 1289">Flexibacteria Flexilis, Soriano Strain A-5-2, E.M. of Whole Cells</p> <p data-bbox="537 1329 1352 1400">Flexibacteria Pigments, Fruchtenicht 1965-1966, Also Hasen & Jensen Reports</p> <p data-bbox="537 1440 1081 1474">Saprospira thermalis, Nutrition 1961-1964</p> <p data-bbox="537 1514 1271 1585">Reports Pigments, etc., Godwin 1964, Fruchtenicht 1965, D.White</p> <p data-bbox="537 1625 841 1659">Saprospira Phage, E.M.</p>
11	<p data-bbox="537 1688 1365 1759">Flexibacteria, Elegans Litorale Marinum Rubrum, EM of Whole Cells & Lysates</p> <p data-bbox="537 1799 1024 1833">Saprospira grandis, E.M. Whole Cells</p> <p data-bbox="537 1873 959 1906">Saprospira grandis, Sections EM</p>

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- 11 Flexibacteria (cont.)
 Flexibacteria, Phase-Contrast, Photo-Micrographs
 Saprospira grandis, Aasen & Jensen, Heden (Karounska Institute)
 Aasen & Jensen, Flexibacteria Pigment Analysis
 Saprospira Albida Flammula, Nutrition 1963-1967
 Saprospira, Albida Flammula Thermalis, EM of Whole Cells & Lysates
 Marti's Flexibacteria-Herpetosiphon GC-G2, Flexithrix Qb-3, Fusobacterium Bella-coola Bacteria
 Flexibacteria, Diagnoses 1964
 Saprospira grandis, Phage Experiments, 1959-1961
 Beggiatoa
 Xerox Copies of Papers on Gliding Bacteria, 1969
 Saprospira Rove, A-1, 1965-1966
 Saprospira Experiments, Growth Curves Storage
 EM Saprospira grandis (W.H.), 1963 Juto Kiethe
 Flexibacteria Fhapidosomes, Negative Staining 1963
 Flexibacteria (DL Experiments), 1963-66
 S.P. (Polymorphs), (Freezing & Survival), (L-93), (Records, Notes, etc.), (Experiments), (Formulas for Media), (Reprints), (Communications, etc.)
- 12 Solubility Experiment
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	Chlamydomonas, Moewusii, (1954), Decay of Sexual Activity
	Moewusii, Matings
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	Par Matings, 14/1-14/1909, Stocks-71
13	Moewusii, Par Matings, 14/313
	Moewusii, P-Det. & Other Anal., San Filippo
	Moewusii, 1953
	Desosmos, Debaryana, etc., Volvocales (Various) 1953-1960
	Phaeodactylum, 1972-1974

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13	<p>Glaucocystis, Euglena</p> <p>Bacteria, Lemon gum, 1954-1955, Glycollate 1960-1961, Anaerobes 1965-1966</p> <p>Photographs, M. Joan Smith 1960-1962; E-M 1963, P-C 1964, Flexibacteria & Diatoms</p> <p>Spirulina</p> <p>Spirulina</p> <p>Spirulina-Lead Studies</p> <p>Spirulina 1973</p> <p>Kuru (A.L.), Notes 1960</p> <p>Lemna & Algae</p> <p>Flagella, Todd Price, 1982</p> <p>BGA & Sing. Eff., 1959</p>
14	<p>Ectocarpus Photographs</p> <p>Ectocarpus</p> <p>Warburg Manometry Lead Studies, Photosynthetic Respiration, 1972</p> <p>PBA [Physiology and Biochemistry of Algae] 1962, Page Proof I-II</p> <p>PBA 1962, Page Proof III-</p> <p>3-6 Krauss MS, 45</p> <p>5-li Sweeney MS 46</p> <p>8-4 Erben MS, 47</p> <p>5-12 Coleman MS, 48</p>

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47-Erben

48-Coleman

49-Ebersold

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55-McLaughlin

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	Harris, Boynton & Gilham (ribosomes)
	Adams & Boynton, Plastids in Chlamydomonas
	Pardy & Lewin, 1980
	Phycological Citations 1980
	Species Concept 1980
	Prochloron "Nature" Letters
	Chastain & Lewin (Review) 1980
	Reviews-1980-Phcologia
	Eng. & Esp. For Sci., Lewin & Jordan, 1980
	BGA Taxonomy, 1979
	Prochlorophyta 1979, Scieuoj Komunikajej
	PBA-Tibs-1979
	Parasitism & Symbiosis, 1980
	Spirulina, 1980
	Prochloron, Vid with Lew.

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- 16 Prochlorophyta for "Prokaryota"
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- Flexibacteria Bibliography, MS 1969
- Flexibacteria (Lewin & Lounsbery), 1969
- Fager 1969
- Colwell 1969
- Chlamydomonas-Final [?]
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- Neilson & Lewin 1974, almost final
- Neilson & Lewin, 1973-1974
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- Lewin & Lounsbery Tables (Originals)
- Chlamydomonas-Black Spores
- Labelling United Nations Educational, Scientific and Cultural Organization [UNESCO]
- Levring, Hoppe & Schmid, 1969

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	Biochemistry & Physiology of Algae Taxon
	Holes in Carpet, 1963
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	Chlamydomonas-Reprints

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21	Didemnum (Paper 1), Lewin & Lanna Cheng
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	Gliding Micro-organisms, some taxon-reconsiderations, Soriano & Lewin, 1962
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22	Syracosphaera, 1961
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	Difekta Autotrofo, 1959
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