

Record Series Number



15/8/22  
Liberal Arts and Sciences  
Entomology  
Gottfried S. Fraenkel Papers, 1925-1984

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A 2nd accession of 2 boxes was transferred from the Department of Entomology to the university archives in spring 2017; these boxes were processed in summer 2017, and the new folder lists were added to the end of the original finding aid.

Box 1:

Vorträge, 1925  
Report on Animals & Plants in Trans-Jordan, March-May, 1929  
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Atmung  
Folic Acid, 1933  
Geschmacksinn, Blowfly nutrition  
Halteres, 1929-33, 1937  
Insect Blood & Heart, 1931-32  
Insect Migration, 1929-30  
Insect Nutrition  
Metamorphose der Insekten, 1932  
Photographs, Venice? 1930  
Physiology, Study Plan, 1932-33  
Sinnesphysiologie, ca. 1932  
Stammbaum, Genealogy - Helene Fraenkel, 1935  
Temperature Dependence  
Tier Physiologisches Praktikum, Sommer Semester, 1932  
Verdauung  
Zeitungs artikel by G. Fraenkel, Vershiedene Exposures?, 1932  
Imperial College Service, 1935-48, 1964  
Alcohol Consumption, 1943  
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Box 2:

Calliphora Enzymes, Flies, 1937  
Chamäleon  
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Nicotinic Acid Derivatives, 1945-46  
Nutrition Lectures, July - August, 1943  
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Vitamin Papers, 1945-46

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Box 3:

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Bhasdaran, Govindan, 1971-72, 1974

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Burcison Papers, Science, 1962-66

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     Lecture, Dallas, 1979  
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     M-Z, 1960-69  
     A-L, 197-79  
     M-Z, 1970-79  
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Box 4:

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     June 14 - July, 4, 1981  
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     1956-57  
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     Contract, DA-49-007-MD-308, 1953-63  
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1957-59  
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 Philadelphia, PA, 47th Meeting, Entomological Society of America, 1952  
 Phormia Lecture, April, May, 1961  
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 Sigma Xi, 1951-52  
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     Bombyx, Yasuji Hamamura, Toshio Ito, J-M Legay, 1957-62  
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     Lecture on Intertidal, 1967  
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 Soybeans, 1947-50  
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 Sri Lanka, Rice Leaf Folder, 1979-81  
     Notebooks, Jan-March, 1979  
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 Tel Aviv, Israel, 2nd International Congress of Pesticide Chemistry, 1970-71  
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 Ushakov, B.P., 1966



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 University of Illinois Research Grants, 1965-68  
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     A- H. Cook, T.H. Farmer, 1949  
     other organisms, 1949-52  
     papers, 1954-55  
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 Zdarek, Jan, X-factors, 1971-72  
     1973-76  
     1977-78  
     1979-80  
     & Blanka Bennettora, 1981-82  
     Research Leave in U.S., 1983-84  
 Zinkovy, Czechoslovakia, Insect Reproduction Conference, 1977-78  
 Zlotkin, Eliahu, Scorpion Venoms, 1966-72, 1976-78  
     Puparium Formation & Toxicon Papers, 1969-70  
     Research Grant Proposals, 1975-79, 1981  
 Zoëcon Corp., 1969-71  
 Zoëcon Hormone Conference, April, 1972

Box 8:

Entomology 301, Introduction to Advanced Entomology  
     Insect Physiology, 1962  
     Respiration 301  
     Alimentary Canal 301  
     Excretion M.T. 301  
     Instinct Learning  
     Blood 301  
     Entomology 301

Blood Circulation  
Final Exam

Entomology 423 & 425, Behavior  
Vision, Insects & Flowers  
Chemical Sense  
Orientation  
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Behavior Course  
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Behavior Seminar

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Thermal Death Point  
Digestion  
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Hormones  
Respiration  
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Excretion  
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Insect Physiology, 1961  
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Physiology Class, 1st Semester, 1949-50  
Pigments  
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Laboratory, Insect Physiology  
Seminar, 1955, Disease Transmission  
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Stribolt, Tyrosine in Tenebrio Pupae  
Chang, Histochemistry  
Seminars, 1953  
Laboratory Instructions  
Respiration Practical  
Protein, General Lecture  
Reflexes

Temperature Organ  
Strobotac  
Nervous System Practical  
Body Temperatures  
Choice Chamber, Temperature Organs  
Practical, Color Vision, Tarsal Reactions  
Orientation, New Literature  
Nervous System  
Mechanical Sense - Hearing  
301, Eyes  
Water Relations

Nutrition

Nutrition Experiments, Students  
Carbohydrates  
Symbiosis (3 folders)  
Blood  
Wood  
Nutrition: Introduction  
Fats  
Sterols  
Protein  
B-Vitamins  
Temperature and Humidity Control  
Nutrition  
Nitrogen Fixation  
Micro-organisms  
Parasites  
Technical Instructions  
Stored Products  
Social Insects  
Salts  
Water  
Lecture: The Use of Insects in Vitamin Research  
Other Vitamins

Box 9:

Green Leaves

Nectar  
Plant Juices  
Leaves  
Basis of Specificity

Literature and Tables, Chemical Composition

Leaf lecture

Material for Class Lectures

Insect Physiology, Second semester

Leaves Lecture

Green Leaves

Leaves (literature)

Specificity Data & Literature

Bibliography on Insect Nutrition (1947)

#### Grants

NSF Grant PCM-7724247, 1980

NSF Grant Applications & Award/ NSF Guidelines 1981-82

NSF Grant Budget, Nov. 1977-

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NSF Grant PCM-7724247 - Additional Support, 1978-80

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NSF Grant - 3rd year Extension, 1974-77

Grant Accounts 1976-77

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    Applications, 1971-72

    Renewal, 1969

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NIH Career Award, 1967-72

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Research Career Award, 1961-66

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    Contract Nonr 1834(07), NR 107-082, 1956-1965

    Grant Applications, 1956, 1961-65

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**ADDENDUM: a 2<sup>nd</sup> accession of 2 boxes was transferred from the Department of Entomology to the university archives in spring 2017; processed in summer 2017.**

**Gottfried S. Fraenkel Papers, 1925-1984  
Entomology, UIUC**

**ID: 15/8/22**

**Arrangement:**

**Series 1: Research and Professional Files  
Series 2: Course Files  
Series 3: Publications**

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**Series 1: Research and Professional Files**

Consists of Gottfried S. Fraenkel's correspondence, handouts, research notes, and subject files. Materials are arranged alphabetically.

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2. Baxter, R.N., 1967-1986
3. Brassolidae - Caligo of Peru, undated
4. Colias: Cladistic analysis, 1991
5. Collins, Mike, 1971
6. Diptera, undated
7. Fluorescence, undated
8. Hyalophora columbia, 1984
9. Hypermetamorphosis pupation, undated
10. Izaak Walton League newsletter, 1966
11. Lepidoptera, c. 1975
12. Lepidoptera; classification, 1967
13. The morphology of insects handout, undated
14. Peña, Luis E., 1967-1975
15. Plaumann, Fritz, 1966-1973
16. Queensland Butterfly Company, 1973-1974
17. Rentien, M., 1979-1982
18. Siphonaptera, undated
19. Smetacek, Fred; India, 1973-1975
20. Ströder, Karl, 1971
21. Taiwan Novelty Co., Ltd., 1966-1967
22. Taschenberg, E.F., 1970
23. Taylor, Thomas, 1971
24. Television Equipment, 1970
25. Thorne, Ken, 1979

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26. Tuttle, James; H. columbia, 1970
27. Unanswered Queries, 1970
28. U.S. Department of Agriculture Leaflets, 1958-1964
29. Waldbauer, W., 1971
30. Walker, T.J.; cecropia moths, 1970
31. Walter, Eugene, 1970
32. Walters, Mike, 1979-1980
33. Weast, R.; cecropia moths, 1970
34. Welling, Eduardo C., 1967-1982
35. Wind, Robert, 1971-1972
36. Wonder Bird Tours, 1980
37. Worldwide Butterflies, Ltd., 1965-1967
38. Worth, C. Brookes, 1973
39. Zajdel, Richard K., 1969-1972

**Series 2: Course Files**

Consists of Gottfried S. Fraenkel's teaching materials, including handouts, lecture notes, lab instructions, and assignments for entomology courses at the University of Illinois. The series also includes original drawings and diagrams relating to entomology. This series is arranged by course number and then chronologically with drawings and diagrams listed at the end of the series.

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40. Entom. 301, 1968
41. Entom. 301, spring 1971
42. Entom. 301 Diapause lab 20, 1971
43. Entom. 301 Cuticle lab 20, undated
44. Entom. 301 Osmoregulation Lab 26, 1971
45. Entom. 301 Excretion lab 27, 1971
46. Entom. 301 General information, 1972
47. Entom. 301 Physiological laboratory exercises, spring 1972
48. Entom. 301 Rearing, spring 1972
49. Entom. 301 Slide presentation, spring 1972
50. Entom. 301 1st, 2nd, 3rd hour exam, final, spring 1972
51. Entom. 301 Lect. 9, 1972
52. Entom. 301 Lect. 13, Friedman sensory organs, 1972
53. Entom. 301 Lect. 14, Friedman, 1972
54. Entom. 301 Lect. 15, 1972
55. Entom. 301 Lect. 16, 1972
56. Entom. 301 Lect. 17, 1972
57. Entom. 301 Lect. 18, MacLeod, 1972
58. Entom. 301 Lect. 19, 1972
59. Entom. 301 Lect. 20, 21, 22, Hoad and mouthparts, 1972
60. Entom. 301 Lect. 23, MacLeod, 1972
61. Entom. 301 Lect. 24, Friedman, 1972
62. Entom. 301 Lect. 25, Friedman, 1972
63. Entom. 301 Lect. 26, Friedman, 1972
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66. Entom. 301 Lect. 30, 1972
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69. Entom. 301 Lect. 35, 36, 1972

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74. Entom. 301 Lect. 44, 1972
75. Entom. 301 Lab 7 Cuticle, 1972
76. Entom. 301 Lab 8 Nervous system, 1972
77. Entom. 301 Lab 10 with lect. 14, 1972
78. Entom. 301 Lab 13, 1972
79. Entom. 301 Lab 14-15, 1972
80. Entom. 301 Lab 16 Hormonal activity, 1972
81. Entom. 301 Lab 18, 19, 20, 1972
82. Entom. 301 Orthopteroids, undated
83. Entom. 312 hemimetabolous and holometabolous conditions, undated
84. Entom. 301 and 410, Tagmiosis, undated
85. Entom. 410, Head-original text, undated
86. Entom. 410 Lab, Original and copy long version, undated
87. Abdomen and drawings copies, undated
88. Copies of abdomen morphology drawings, undated
89. Head original drawings, undated
90. Nervous system, original text and drawings, undated
91. Nervous system copies, undated
92. Thorax and abdomen original drawings, undated
93. Thorax drawings copies, undated

**Series 3: Publications**

This series includes a biographical folder and the bound publications of Gottfried S. Fraenkel, ranging from 1925-1987. After a folder with biographical materials, the bound publications are arranged by volume number.

**Box 10**

94. Biographical folder, 1972
95. Works of G. Fraenkel, Volume 1, 1925-31
96. Works of G. Fraenkel, Volume 2, 1932-34

**Box 11**

1. Works of G. Fraenkel, Volume 3, 1934-43
2. Works of G. Fraenkel, Volume 4, 1944-52
3. Works of G. Fraenkel, Volume 5, 1953-56
4. Works of G. Fraenkel, Volume 6, 1957-62
5. Works of G. Fraenkel, Volume 7, 1940-61
6. Works of G. Fraenkel, Volume 8, 1962-68
7. Works of G. Fraenkel, Volume 9, 1968
8. Works of G. Fraenkel, Volume 10, 1969-74
9. Works of G. Fraenkel, Volume 11, 1975-87
10. Works of G. Fraenkel, Volume 12, 1954-87

**Processing Notes:** the 2<sup>nd</sup> accession of 2 boxes, transferred from the Department of Entomology to the university archives in spring 2017, was processed in summer 2017. We weeded secondary literature and newsletters. Processed by Olivia Hagedorn, under the supervision of Susanne Belovari, August 2017.