



15/8/21
Liberal Arts and Sciences
Entomology
William P. Hayes Papers, 1907-1967

Box 1:

Hayes Autobiographical Sketch

Personal Correspondence:

Entomology Department, Social Affairs, ca. 1936-40

European Itinerary, 1948

Hayes, Jean, school papers, no date

John C., Geography, Philosophy, and Psychology Papers, as U. of I. student, ca.
1961

W. P., Personal Correspondence, 1956

Rotary Reporter, Urbana Rotary Club, 1950-67

Professional Correspondence:

Correspondence, A - D, ca. 1915-24

E - H, ca. 1916-23

Entomological Commission of Kansas, no date

Entomology Department, News Release, no date

Entomology Organizations, ca. 1955-56

Entomology Society of America, ca. 1947-50

European Corn Borer Reports, Correspondence, 1933

Hexapoecia, Correspondence, 1930-34

Minutes Book 1, 1912-20

Minutes Book 2, 1920-25

Minutes Book 3, 1925-35

Correspondence, I - Q, ca. 1916-24

Illinois State Natural History Survey, 1930-34

Clell L. Metcalf, 1921-24

Point 4 Program, 1954

Correspondence, R - Z, ca. 1916-24

R. R. Reppert, 1918-21

William J. Schoene, 1918

Paul S. Welch, 1921-22

Manuscripts, Alphabetical by Insect or Subject:

"Anatomy and Classification of Immature Insects" I

II (ch. 5 & 6)

III

"Anomala Kansana, Biology of"

"A Preliminary List of the Ants of Kansas"

"The Corn Borer and its effects on Feed for Dairy Cattle" (1928)

"Corn Borer Report" (1930)

"No Corn Borers found in Illinois in 1931"

"Elateria Larvae"

"Habits and Control of Cereal and Forage Crop Insect Pests" (c. 1933)
 "Classification of Immature Insects"
 "Insect Anatomy" (2 folders)
 "Preliminary List of Insects of Sorghum Fields"
 "Kafir Ants and their Control"
 "Life Histories of some Kansas Lachnosterna"
 "External Morphology of Lachnosterna Crassissima."
 "Life Cycle of Lachnosterna Lanceolata"
 "Life History of Ligyrus Gibbosus"
 "Controlling Maize Billbugs"
 "Life History of Maize Billbug"

Box 2:

"Methods and Procedures: Life History Investigations Symposium: "Morphology"
 "The Phyllophaga of Hawthorn: New Species of Anomala"
 "The Pretarsus (Articularis) of Coleoptera" Hayes and Kearns
 "Kansas Phyncophora"
 "Studies of the Life History of Two Kansas Scarabaeidae"
 "Morphology, Taxonomy, and Biology of Larvae Scarabaeoidea"
 "A Biological Study of Solenopsis Molesta (say Chymenoptera), Master Theses I
 II
 "Preliminary Report: Life Economy of Solenopsis Molesta"
 "Strigoderma Arboricola"
 "Principles of Taxonomy"
 "The Present Status of the Taxonomy of Immature Insects."
 "The Control and Habits of Some Important Turf Insects"
 "Wireworms"

Hayes Publications

1916-29

1930-47

Hayes Course Work, Kansas State Agricultural College

Notes, Lab Manuals (2 folders)

Lab Notes, Manual, Advanced Invertebrate Zoology

Parasitology, Embryology

Advanced Vertebrate Zoology

Zoology Dissection Guide

Zoology Notes

Course Material

Notes, Crop Entomology

Elementary Systematic Entomology, Syllabus

Entomology Lab Forms

Teaching Syllabus for Carl K. Dorsey, Field Malariology
Notes, Medical Entomology
Entomology Instructional Material, Taxonomic
Entomology 1 (101), Beneficial Insects
 Cicada
 Clover Insects
 Contact Insecticides
 Corn Insects I
 Corn Insects II
 Corn Insects III
 Corn Pest Suppression Chart

Box 3:

Course Material

Entomology 1 (101)
 External Anatomy
 Flies of Domestic Animals
 Fruit Pests
 Fumigation
 Garden Insects
 Greenhouse Pests
 Household Pests
 Insect Injuries
Entomology 1b (101), Lab Exercises
Entomology 1 (101), Lab Sheets
 Lecture and Lab Sheets
 Lice, Mice, Ticks
 Pests of Man
 Metamorphosis
 Mouth Parts
 Orders, I
 II
 Peach Tree Borer
 Place of Insects in Animal Kingdom
 Scale Insects
 Shade Tree Pests
 Stomach Poisons
 Stored Grain Pests
 Wheat Insects
Entomology 2, Lab Directions
 Practical Exercises

Elementary Systematic Entomology
Entomology 3 & 3a, Lab Outline
References
Systematic Entomology I
Systematic Entomology II
Taxonomy, notes manual
Entomology 7 (408), Anatomy
Circular System
Digestive System
Excretory System
Eyes
Glands
Light Organs
Muscles
Nervous System
Notes and Drawings
and 107, notes on Morphology
Organs of Hearing
Organs of Taste, Smell
Reproductive System
Respiratory System
Standardization of terms

Entomology 7a (407), Abdomen

Body Wall

segments

Cervicum

Heads

Head Capsule

Head, Endoskeleton

Moveable Parts

Photographs

Segmentation

Legs

Morphology, general

Moulting

Plans

Quizzes

Thorax

Wings

Entomology 7b, Lab Exercises

Box 4:

Course Material

Entomology 8 (308), Army Worms

Bollweevils

Chinchbugs

Clover Insects

Corn Billbugs, Earworms

Corn Borer, European

Corn Borers, Native

Corn Root Aphid

Corn Rootworm

Field Crop Insects, lab exercises

lab notes

typed notes

Grasshoppers

Hessian Fly

Japanese Beetle, Green Junebug Beetle

Jointworms and Sawflies

Spittlebugs and Legume Insects

Webworms

Wheat Pests, Wheat Stem Maggot, Wheat Midge, Fruitfly

White grubs
Wire Worms
Entomology 8a (311), Anatomy and Morphology
Coleoptera
Dermaptera
Diptera
Economic Entomology
Forms and Memoranda
Hemiptera
Homoptera
Lymenoptera
Lepidoptera
Mallophaga
Mecoptera
Mites and Ticks
Morphology
Necoptera, Trichoptera, Neuroptera
Odonata, Pleoptera
Orthoptera
Siphonaptera
Strepsiptera
Thysanoptera
Entomology 10, Anatomy and Classification of Immature Insects
Immature Insects
Lab Direction
Lecture Notes, Insect Classification

Box 5:

Course Material

Entomology 10
Key to Diptera
Taxonomy, lecture notes, material I
II
III
References to literature
Entomology 10a, Lab Outlines
Lecture Notes
Morphology notes
Odonata
Entomology 10b, Immature Insects
Taxonomy lecture notes

Entomology 40, Comell., Economic Entomology, lecture notes
References to literature
Entomology 41, Comell., "Forest Insects"
Evolution of Domestic Animals; Insect Morphology, notes
Physiology, lab guide
Plant Physiology
Zoology, lab guides
General Entomology lecture for Biology Class
Notes on and Keys to Insect (alphabetical)
Adephaga
Aegeriidae
Alleculidae
Anobiidae
Apterygota
Arctiidae
Boring Insects
Bostrichidae
Brachycera I
II
Buprestidae
Byrrhoidea
Caenidae
Calyptera and Pupipara
Cantharidae
Cantharoidea
Carabidae I
II
Cerambycidae
Chrysomelidae I
II
Cicindelidae
Cleroidea
Coccinellidae
Coleoptera I
II
III
IV
V
Collembola and Protura
Corn Borers, Insects Resembling
Culicidae, Immature
Cyrinidae

Box 6:

Notes on and Keys to Insects

- Dascilloiden
- Dermaptera
- Diptera I
 - II
 - Duplicate Keys (Stone, Johansen, Phillips)
 - German (Hendel)
- Diptera Larvae, new keys
- Elateroidea
- Ephemerida
- Ephemerida (Brues and Melander)
- Ephemerida (Schoenemund)
- Ephemerida (Ulmer)
- Erotylidae
- Eruskeleton, Head I and II (2 folders)
- Fly families
- Flies
- Frenate
- Grubs
- Gyrinoidea
- Halipidae
- Homoptera
- Hydrophilidae I
 - II
- Hymenoptera
- Immature Insect Keys, literature
 - (MacGillivray)
 - revised Bibliography
- Immature Insects, Bibliography and Notes
 - Systematic literature
- Insects "homes"
- Insect larvae keys, not used
- Insect larvae (Chrystal)
- Insects I
 - II
- Insects Notes form 1921
- Insects, species in U.S., notes
- Insects and Entomology, notebooks and notes
- Larvae Pests, Keys, notes
- Lepidoptera keys

Lepidoptera, Butterflies
 Lepidoptera, Datana
 Lepidoptera (Forbes)
 Lepidoptera (Frackers)
 Lepidoptera (Gerasimov)
 Lepidoptera Larvae (Brues and Melander)
 II

Box 7:

Notes on and Keys to Insects

Lepidoptera, textual material I
 II

Lepturoidinae, Pyropharinae, British Elateridae

Limacudidae and Eulleidae

Lymantriidae and Liparidae

Mardelloidea

Mayflies

Melandryidae

Meloidae

Mycetophilidae

Nematocera

Neuroptera

Noctuidae

Notodontidae

Odonata

Oecophoridae

Oedemeridae

Orthoptera

textual material

Oryssidae

Pentatomidae Nymphs (Esselbaugh)

Psychidae

Pupal Keys (Mosher)

Pyralidae

Rhynchophara (Van Ender, 1938)

Rhynchophara (others)

Saturnoidea

Scarabacoidea

Sphingidae (2 folders)

Staphylinoidea

Tenebrionidae

Thysanoptera
Tortricidae
Wireworms, larvae
Illustrations of Insects and Parts of Insects
Abdomen
Aegeriidae
Arctiidae
Carabidae
Chironomidea
Coleoptera
Colepharidae
Diptidae
Gellechidae
Geometridae
Grubs and Bugs
Head I
II
Insect Anatomy
Insect Larvae, Insect Damage
Insect Parts
Kyalididae
Lasiocampidae
Lepidoptera, (Butterflies and Caterpillars)
Lymantriidae
Mayfly
Nocturdae
Nodontidae
Orthoptera
Prothorax
Salurnidae
Scarabaeidae
Sphingidae
Thysanura and Collembola
Tortricidae
White Grub I
II

Box 8:

Class Records

Class Records Books, 1928-30, 1939-45
Class Records, 1930-46

Photographs Social, Inc., Faculty and Students at Turkey Run
Entomologists, Departmental Staff, U of I Buildings

A-Z

Entomological Publications, Not otherwise filed. Alphabetical by subject, chronological
within subject and folder

Ants

Bean Insects

Boll Weevil and Bollpests

Borers, I

II

Cereal and Forage Insect

Chemicals Euduated [?] as Insecticides and Repellents at Orlando, FL, Index

Chemicals used in Crop Protection, guide to

Chinch Bugs

Corn Borers

European, I

II

Corn Earworm

Corn-Stalk Borer, larger, 1910-33

Cotton Insects

Entomological Code

Entomological Publications, 1909-13

1914-56

Forbes, Stephen A., "The Insect, The Farmer, The Teacher, The Citizen, and The State.",
1915

Fumigation

Insect Pest Survey, 1947

Box 9:

Insect Pest Survey Bulletin, Vol. 11, 1931, Part II, Sept., Index

Vol. 11, 1931, Part II, Oct., Summary

Lepidoptera Larval Key

Mites in Clothes Moths Culture

Pests of Ornamentals

Science Bulletin, Vol. VIII, Nos 1-10, University of Kansas, 1914

Sommerman, K., 1938, Table for Separating North American Spiders

Tobacco Insect Pests

White Grubs

Box 10:

Research Papers

European Corn Borer, Research Notes I

Research Notes II

Joint Committee on European Corn Borer

Published Material

University of Illinois Retirement System

Information Publications, University of Illinois and other Colleges

Publications

List of Hayes, Publications, 1916-45

Box 11:

Oversized Material, Displays of Insects, Phonograph Recordings