

NATURAL HISTORY SURVEY
Carla Heister; October 1984
Revised: March 1987

I. DESCRIPTION

A. Purpose: To support the research of the Illinois Natural History Survey as described in its broad mandated mission, "to investigate and study the natural and agricultural resources of the State....". These investigations, involving both pure and applied research, are divided into the five Scientific Sections at the Survey: Aquatic Biology, Botany and Plant Pathology, Economic Entomology, Faunistic Surveys and Insect Identification, and Wildlife Research. University of Illinois departments that are serviced by the Natural History Survey include: in the School of Life Sciences, Botany, Entomology, Biology, Ecology, Ethology, and Evolution; in the College of Agriculture, Agriculture, Agronomy, Plant Pathology, Agricultural Entomology, and Horticulture; Landscape Architecture; and the Department of Urban and Regional Planning.

B. History of Collection: The collection began with the founding of the Illinois Natural History Society in 1858 and was originally housed in Bloomington, Illinois. In 1884, Stephen A. Forbes accepted a teaching position at the Illinois Industrial University. Forbes was also the Director of the State Laboratory of Natural History, the precursor of the Natural History Survey, so when he came to Urbana, he brought the Laboratory and its library with him. From that time through the present, the Natural History Survey Library has been affiliated both with the State Natural History Survey and with the University of Illinois. The Natural History collection was split up in 1940 when the Survey moved to the Natural Resources Building and the Natural History Survey Library was established as a departmental unit of the University Library. Today, the Natural History Survey Library is both an agency library of the Illinois Department of Energy and Natural Resources and a departmental library in the University Library system.

C. Estimate of Holdings: 36,000 volumes for Natural History Survey Library only.

D. State, Regional and National Importance: The Natural History Survey Library collection is nationally known and is well respected by researchers at the national, regional and state levels.

E. Unit Responsible for Collecting: The Natural History Survey Library is the departmental library responsible for collecting in relation to Section I.A. Purpose. Many departmental libraries such as the Biology, Agriculture, and City Planning and Landscape Architecture Libraries collect in overlapping subject areas.

F. Location of Materials: The majority of materials are in the Natural History Survey Library with other related materials in the Bookstacks, Agriculture, Biology, and City Planning and Landscape Architecture Libraries.

G. Citations of Works Describing the Collection:

Warrick, Ruth R., "Library," Bulletin of the Illinois Natural History Survey 27 (2):210-214.

II. GENERAL COLLECTION GUIDELINES

A. Languages: English is the dominant language of the collection. German, Spanish, French, Russian and other Slavic languages, Japanese, Chinese, Scandinavian, Portuguese, Italian and other minor language materials are all collected, mainly through exchange agreements.

B. Chronological Guidelines: No restrictions. Special interest in the historical perspective.

C. Geographical Guidelines: Emphasis is on terrestrial and freshwater ecosystems. Special emphasis on Illinois but collect internationally.

D. Treatment of Subject: The concept "Natural History" is interpreted in a very broad sense for the collection. Coverage includes life histories, ecology, reproduction, and environmental aspects of natural resources along with their allocation and use. Standard statement.

E. Types of Material: Standard statement.

F. Date of Publication: Standard statement.

G. Place of Publication: No restrictions.

III. COLLECTION RESPONSIBILITY BY SUBJECT SUBDIVISIONS WITH QUALIFICATIONS, LEVELS OF COLLECTING INTENSITY, AND ASSIGNMENTS

<u>SUBJECTS</u>	<u>ES</u>	<u>CL</u>	<u>DL</u>	<u>ASSIGNMENTS</u>
AQUATIC BIOLOGY				
Aquaculture	4	3	4	NATURAL HISTORY SURVEY
Aquatic botany	4	3	4	BIOLOGY/natural history survey
Benthic studies	3	3	4	BIOLOGY/natural history survey
Fisheries research	4	3	4	NATURAL HISTORY SURVEY
Limnology	3	2	3	BIOLOGY/natural history survey
Microbial ecology	2	2	3	BIOLOGY/natural history survey

<u>SUBJECTS</u>	<u>ES</u>	<u>CL</u>	<u>DL</u>	<u>ASSIGNMENTS</u>
BOTANY				
Economic botany	4	3	4	NATURAL HISTORY SURVEY/ agriculture/ biology
Mycology	4	3	4	NATURAL HISTORY SURVEY/biology
Plant pathology	4	3	4	AGRICULTURE/ natural history survey
Plant systematics/ evolution/speciation	4	3	4	BIOLOGY/natural history survey/ agriculture
ENTOMOLOGY				
Control-integrated pest management	4	3	4	NATURAL HISTORY SURVEY/ agriculture/ biology
Economic entomology	4	3	4	NATURAL HISTORY SURVEY/ agriculture/ biology
Insect physiology and toxicology	3	3	4	BIOLOGY/natural history survey/ agriculture
Insect systematics	4	3	4	BIOLOGY/natural history survey
FAUNISTICS				
Entomology	4	3	4	BIOLOGY/natural history survey
Herpetology	3	3	4	BIOLOGY/natural history survey
Ichthyology	4	3	4	BIOLOGY/natural history survey
Invertebrate zoology	3	3	4	BIOLOGY/natural history survey
Mammalogy	4	3	4	BIOLOGY/natural history survey
Ornithology	4	3	4	BIOLOGY/natural history survey
ZOOLOGY				
Wildlife	4	3	4	NATURAL HISTORY SURVEY/biology
Conservation	4	3	4	NATURAL HISTORY SURVEY/biology
Management	4	3	4	NATURAL HISTORY SURVEY
Restoration	4	3	4	NATURAL HISTORY SURVEY

<u>SUBJECTS</u>	<u>ES</u>	<u>CL</u>	<u>DL</u>	<u>ASSIGNMENTS</u>
ECOLOGY/ENVIRONMENT				
Aquatic ecosystems	3	3	4	BIOLOGY/natural history survey/ city planning
Ecological information in Illinois	4	3	4	NATURAL HISTORY SURVEY/city planning
Land use	3	2	3	CITY PLANNING/ natural history survey
Natural resources management	3	3	4	NATURAL HISTORY SURVEY/city planning
Terrestrial ecosystems	4	3	4	BIOLOGY/natural history survey
Toxicology	3	3	4	BIOLOGY/natural history survey
Wetland ecosystems	4	3	4	BIOLOGY/natural history survey