This guide is intended for those who wish to study the literature dealing with various aspects of endangered plant species. This document includes the following sections, some of which are bibliographies: (1) "Introductions to the Topic"; (2) "Subject Headings" (for endangered species of plants used by the Library of Congress); (3) "General Texts"; (4) "Specialized Titles-By Geographic Area"; (5) "Related Titles"; (6) "Handbooks, Directories and Bibliographies"; (7) "State-of-the-Art Reviews and Conference Proceedings"; (8) "Government Publications"; (9) "Abstracting and Indexing Services"; (10) "Journals"; (11) "Representative Journal Articles"; (12) "Reports"; (13) "Selected Technical Reports"; (14) "Selected Materials"; and (15) "Additional Sources of Information". (CW)

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SCOPE: Although plants are absolutely essential to human and animal life, endangered plants receive relatively little attention compared with that bestowed on endangered animals. The number of vascular plant species in the world is estimated at 250,000, with the majority growing in the tropics, where forests are rapidly being destroyed by human activities. Worldwide, at least 15 per cent of plant species may already be very rare or threatened with extinction, primarily through loss or degradation of habitat.

As many as 3,000 of the 25,000 species of plants native to the United States are considered at risk of extinction. Nearly three-fourths of the species in greatest danger of imminent extinction occur in California, Florida, Hawaii, Texas, and Puerto Rico.

Modern food crops have evolved through centuries of selection for desired characteristics. Only 20 species provide about 90 per cent of the world's food needs. These highly bred cultivated crops are vulnerable to changes in climate and to attack by new strains of diseases and pests. Thus it is essential to maintain wild plants and primitive crop varieties, either in protected areas or in gene banks, so that they may serve as source material for breeding improved or resistant varieties. These plants may also be useful as new crops in themselves or as sources of medicinal or industrial products.

This guide is intended for those who wish to study the literature dealing with various aspects of endangered plant species. Not meant to be a comprehensive bibliography, the guide is designed—as the name of the series implies—to put the reader "on target."

INTRODUCTIONS TO THE TOPIC


**SUBJECT HEADINGS** used by the Library of Congress, under which books on endangered species of plants can be located in most card, book, and online catalogs, include the following:

- RARE PLANTS (Highly relevant)
- PLANT CONSERVATION (Highly relevant)
- PLANTS—EXTINCTION (Relevant)
- ENDANGERED SPECIES (More general)
- BIOLOGICAL DIVERSITY, CONSERVATION (Related)
- GENE BANKS, PLANT (Related)
- GERMPLASM RESOURCES, PLANT (Related)

**GENERAL TEXTS**


Bibliography: p. 248-249.

**SPECIALIZED TITLES—BY GEOGRAPHIC AREA**


Bibliography: p. 119-123.

*Available in reference collection, Science Reading Room
Bibliography: p. 184-186.
Describes the rare plants of Great Britain and discusses measures to conserve them.

Given, David R. *Rare and endangered plants of New Zealand*. Wellington, Reed, 1981. 154 p.
Bibliography: p. 146-149.

Bibliography: p. 158-161.


Includes bibliographies.

Bibliography: leaves 53-64.

St. John, Harold. *Rare endemic plants of the Hawaiian islands*. Edited by Carolyn A. Corn. Honolulu, State of Hawaii, Dept. of Land and Natural Resources, Division of Forestry and Wildlife, 1981-
Includes bibliographical references.

RELATED TITLES

Includes bibliographies.

Bibliography: p. 521-570.


"Published in cooperation with the American Association for the Advancement of Science."
Includes bibliographies.

HANDBOOKS, DIRECTORIES and BIBLIOGRAPHIES

Ed. of 1975, by the Smithsonian Institution, published under title Report on endangered and threatened plant species of the United States.
Includes bibliographies.

Includes bibliographies.

Pamphlet box*


Z5354.1'M53 1985


Pamphlet box*


For each country and island group, provides a summary of its floristics and vegetation, then selectively lists checklists and floras, field guides, information on threatened plants, laws protecting plants, voluntary organizations, botanic gardens, useful addresses, and additional references.


STATE-OF-THE-ART REVIEWS and CONFERENCE PROCEEDINGS


QL54.2.A9* See particularly species accounts and, in appendices, endangered species lists.


Includes bibliographies.


"Based on a symposium that was held at the 1981 AAAS Annual Meeting in Toronto, Ontario, January 3-8 ... sponsored by AAAS Section J (Biology)."

Includes bibliographies.


Based on the presentations and discussions at a conference sponsored by the U.S. National Park Service and held in Nov. 1977 at the New York Botanical Garden.

Includes bibliographies.


Includes bibliographies.

GOVERNMENT PUBLICATIONS


Includes bibliographies.

Title varies slightly.


A compilation and special reprint of 50 CFR 17.11 and 17.12, as well as all published final rules that have subsequently appeared in the Federal register.


"OTA-BP-F-38."


ABSTRACTING AND INDEXING SERVICES that index relevant journal articles and other literature on endangered plants are listed below. Some suggested terms are given as aids in searching. The following indexes are available in most public and college libraries.

Biological & Agricultural Index (1913-) Z5073.A46* See: Plants, Rare
Plants, Extinct
Plant Conservation

General Science Index (1973-) Z7471.C46* See: Plants, Rare
Plants, Extinct
Endangered Species Legislation

Magazine Index Available in several formats in LC See: Rare Plants
Endangered Species
Plant Conservation
Plants--Extinction

Note: Consult reference librarian for location of abstracting and indexing services in the Science Reading Room
Readers' Guide to Periodical Literature (1900-) A13.R45

See: Rare Plants
Endangered Species Act
Plants, Extinct

The following abstracting and indexing services, which should be used for more exhaustive searches, may be available only in large or specialized libraries.

**Biological Abstracts (1926-)** QH301.B37*
See keywords of interest in the Subject, Biosystematic, and Generic Indexes

**Biology Digest (1974-)** QH301.B44*
See: Endangered Species

**Ecology Abstracts (1975-)** QH540.A66*
See: Endangered Species
Rare Species

See: Endangered Species--Plant
Names of individual species

**Index to Legal Periodicals (1926-)** K9.N32
See: Endangered Species

**Wildlife Review (1935-)** SK351.W58*
See: Endangered and Threatened Species

**JOURNALS** that often contain relevant articles include the following:

Audubon QL671.A82
Biological Conservation S900.B5
BioScience QH1.A277
Conservation Biology QH75.A1C665
Defenders S960.D43
Endangered Species Update uncataloged

Each issue includes a reprint of the latest Endangered Species Technical Bulletin.

Fremontia (California Native Plant Society) QK149.F73
Garden (Garden Society, New York) S81.G18
International Wildlife QL81.5.I56
Kew Magazine QK1.K46
National Wildlife S964.U6N35
Natural Areas Journal QH76.J68
Nature Conservancy Magazine QH76.N33a
Oryx QL81.5.079
**REPRESENTATIVE JOURNAL ARTICLES**


REPORTS and other types of literature are indexed in the following guides:

Government Reports Announcements & Index (1946-1976) 27916.678*
See: Endangered Species

Monthly Catalog of United States Government Publications (1895-1924) 31223.A18*
See: Endangered Species
Rare Plants

SELECTED TECHNICAL REPORTS, sold by the National Technical Information Service, Springfield, Virginia 22161, include the following:

"NPS/3/RM-25."


SELECTED MATERIALS available in the Science Reading Room pamphlet boxes include:


**Available in Microform Collection, Science Reading Room**


ADDITIONAL SOURCES OF INFORMATION

Center for Plant Conservation
125 Arborway
Jamaica Plain, Massachusetts 02130
Telephone: (617) 524-6988

Defenders of Wildlife
1244 19th Street, N.W.
Washington, D.C. 20036
Telephone: (202) 659-9510

The Nature Conservancy
1815 North Lynn Street
Arlington, Virginia 22209
Telephone: (703) 841-5300