



MERI Library Research Guide 7: Plants and Botany

General Information

This guide provides an overview of publications and online resources containing information on or related to Botanical research, both in general and within the Meadowlands District.. To access those publications available online full-text you will need Adobe Reader software. All other publications in this guide are available at the MERI Library . For more information, contact the Librarian at 201-460-2808.

Botany, Ecology and Environmental Science

Atlantic White Cedar Wetlands. Aimlee D. Laderman
CIRC QH 104.5.A84 A85 1984

Biodiversity Patterns and Conservation in the Hackensack Meadowlands, New Jersey. Erik Kiviat, Kristi MacDonald
M DOC 2004-033
<http://www.urbanhabitats.org/v02n01/>

Ecological Relationships of Plants and Animals. Henry F. Howe
CIRC QH 541.H65 1988

The Ecology of Algae: A Symposium Held at the Pymatuning Laboratory of Field Biology on June 18 and 19, 1959.
CIRC QH 302.P55 no.2

Environmental Report New Jersey Meadowlands Wetlands Sites.
Donald J. Smith
MDOC 2001 - current

The First Resource: Wild Species in the North American Economy. Christine Prescott-Allen
CIRC QH 705.P74 1986

Laboratory Methods for Forest Tree Nursery Soil Analysis. Donald H. Bickelhaupt
CIRC S 593.B535 1983

Metal Uptake, Transport and Release by Wetland Plants: Implications for Phytoremediation and Restoration. Judith S. Weis, Peddrick Weis
Environment International, Vol, 30, no. 5, pp. 685-700
MDOC 2004-030
<http://dx.doi.org/10.1016/j.envint.2003.11.002>

Phragmites Australis: A Sheep in Wolf's Clothing?: Proceedings from the Technical Forum & Workshop, 6-9 January 2002, Cumberland County College, Vineland, NJ

CIRC SB 613.5 .P573

A Preliminary Ecologic Study and Evaluation of a Section of the Hackensack Meadowlands.

George T. Potera,

MDOC 1970-003

<http://merilibrary.njmeadowlands.gov/dbtw-wpd/FullText/ML-70-3.pdf>

A Record of Environmental Change During Recent Millennia in the Hackensack Tidal Marsh, New Jersey. Dorothy Peteet Carmichael

Bulletin of the Torrey Botanical Club, Vol. 107, no. 4, pp. 514-524

M DOC 1980-020

A Review of the Biology, Ecology, and Management of *Scirpus Olneyi*. William S. Sipple,

REF QK 938.M3 S56 1978 v.1

Results of the 1985 Hackensack Meadowlands Marsh Plant Net Productivity Studies (draft).

Environmental Resources Management (ERM)

M DOC 1986-011

<http://merilibrary.njmeadowlands.gov/dbtw-wpd/FullText/ML-86-11.pdf>

Wetland Indicators: A Guide to Wetland Identification, Delineation, Classification, and Mapping.

Ralph W. Tiner

CIRC GB 624.T564 1999

Wetland Plants: Biology and Ecology. J. K. Cronk

CIRC QK 938.M3 C76 2001

The World Without Us. Alan Weisman

CIRC GF 75.W455 2007

Guidebooks, Manuals and Plant Inventories

The Book of Swamp and Bog : Trees, Shrubs, and Wildflowers of Eastern Freshwater Wetlands.

John Eastman

CIRC QK 115 .E285 1995

Collections of Aquatic Organisms from the Hackensack Meadowlands, Bergen and Hudson Counties, NJ.

M DOC 1977-001

Dirr's Hardy Trees and Shrubs: an Illustrated Encyclopedia. Michael Dirr.

CIRC SB 435.5.D556 1997

The Evergreens: Illustrated With Photographs. James H. Beale.

CIRC SB 435.B36

A Field Guide to the Atlantic Seashore : Invertebrates and Seaweeds of the Atlantic Coast From the Bay of Fundy to Cape Hatteras; Text and Illustrations. Kenneth L. Gosner

CIRC QH 95.7.G67 1979

A Field Guide to Coastal Wetland Plants of the Northeastern United States. Ralph W. Tiner

CIRC QK 118.T56 1987

Freshwater Wetlands: A Guide to Common Indicator Plants of The Northeast. Dennis W. Magee
CIRC QK 117.M24

Inland Wetland Plants of Connecticut. William A. Niering
CIRC SB 1.C743 no.19

Illustrated Companion to Gleason and Cronquist's Manual: Illustrations of the Vascular Plants of Northeastern United States and Adjacent Canada. Noel H. Holmgren
CIRC QK 117 .H65 1998

Manual of the Botany of the Northern United States. Asa Gray
ONLINE QK 117.G7 1878
<http://books.google.com/books?id=at0UAAAAYAAJ&dq=>

Manual of Vascular Plants of Northeastern United States and Adjacent Canada. Henry A. Gleason
CIRC QK 117.G49 1963

Marine Algae of the Northeastern Coast of North America. William Randolph Taylor
CIRC QK 571.T3 1957

Marine Flora and Fauna of the Northeastern United States. Higher Plants of the Marine Fringe. Edwin T. Moul
GOV DOC C 55.13:NMFS CIRC-384

National Audubon Society Field Guide to North American Wildflowers: Eastern Region. John W. Thieret
CIRC QK 112.N53 2001

National List of Plant Species that Occur in Wetlands 1988. New Jersey. Porter B. Reed
NJ DOC QK 175 .R44 1988

Native Plants of the Northeast: A Guide for Gardening & Conservation. Donald Joseph Leopold
CIRC SB 439.24.N67 L46 2005

A Naturalist's Guide to Wetland Plants: An Ecology for Eastern North America. Donald D. Cox
CIRC QK 115.C72 2002

Past and Present Flora and Vegetation of the Hackensack Meadowlands. William S. Sipple
Bartonia, no. 41, 1971-1972, pp. 4-56.
M DOC 1972-002

Plant Identification Terminology : An Illustrated Glossary. James G. Harris
REF QK 9 .H37 2001

Plants and Animals of the Estuary. Connecticut Arboretum, Connecticut College
CIRC SB 1.C743 no.23

Rare or Endangered Vascular Plants of New Jersey. New Jersey State Museum
REF QK 86 .F37 1973

Salt Marsh Plants of Connecticut. William A. Niering
CIRC SB 1.C743 no.25

Species Lists of Organisms Found in the Hackensack Meadowlands: Vascular Plants--Mammals.

Mark L. Kraus

M DOC 1987-001

<http://merilibrary.njmeadowlands.gov/dbtw-wpd/FullText/ML-87-01.pdf>

A Survey of Existing Physical Conditions of the Hackensack Meadows, New Jersey.

M DOC 1969-002

Survey of the Losen Slote Creek Park and Adjacent Lands. Helen Talge

M DOC 1987-018

Tidal Marshes of Connecticut: A Primer of Wetland Plants. Mervin F. Roberts

CIRC QH 541.5.S24 R646

Vegetation of the Hackensack Marsh: A Typical American Fen. Vincent Burns

Transactions of the Wagner Free Institute of Science, Vol. IX--Part 1

M DOC 1919-001

Wetland Bio-Zones of the Hackensack Meadowlands: An Inventory - 1975. Chester P. Mattson, Margaret Saks, and Donald J. Smith

M DOC 1975-001

<http://merilibrary.njmeadowlands.gov/dbtw-wpd/FullText/ML-75-1.pdf>

Wetland Bio-Zones of the Hackensack Meadowlands: An Inventory - 1980. Chester P. Mattson

M DOC 1980-006

Wetland Bio-Zones of the Hackensack Meadowlands: An Inventory - 1984. Chester P. Mattson

M DOC 1984-002

<http://merilibrary.njmeadowlands.gov/dbtw-wpd/FullText/ML-84-2.pdf>

Online Resources

Biology Browser - Thomson Reuters

<http://www.biologybrowser.org/>

Botanicus Digital Library - Missouri Botanical Garden Library

<http://www.botanicus.org/>

Native Plants of New Jersey Lists - Native Plant Society of New Jersey

http://www.npsnj.org/lists_njplants.htm

PLANTS Database - USDA

<http://plants.usda.gov/>

A Preliminary Catalogue of the Flora of New Jersey. Nathaniel Lord Britton

<http://www.archive.org/details/preliminarycatal00newj>

ScienceDirect - Elsevier B.V.

<http://www.sciencedirect.com/>

Scirus

<http://www.scirus.com/srsapp/>

Special Plants of New Jersey. NJDEP

<http://www.state.nj.us/dep/parksandforests/natural/heritage/spplant.html#intro>