

**Other references for your library follow.** They have been provided by Ralph Tiner (*U.S. Fish & Wildlife Service*), and were updated in Jan., 2009.

### LIST OF SELECTED WETLAND PUBLICATIONS

The following are a list of selected reports, articles, and books dealing with a variety of wetland topics. Most of these publications are produced by and available from the U.S. Fish and Wildlife Service, Northeast Region and the Service's National Wetlands Inventory Project. Publications are arranged by general topics. Information on where to order each is provided. Other Service wetland publications may be obtained from the Service's National Conservation Training Center's Library, U.S. Fish and Wildlife Service, 698 Conservation Way, Shepherdstown, WV 25443. Some of these reports are online at <http://training.fws.gov/library/> (type in key word "wetlands" to get specific listing), while others are posted on the NWI website (<http://wetlands.fws.gov>).

For other Federal publications, visit your local Federal Depository Library. For a list by state contact: Federal Depository Libraries, U.S. Govt. Printing Office, Mail Stop SL, H and North Capital Streets, Northwest, Washington, DC 20401; <http://www.gpoaccess.gov>.

The NWI Project has a home page on the internet. Digitized NWI maps can be accessed through the internet. Come browse our home page at <http://wetlands.fws.gov>. Some publications are also posted there.

On the list below, all publications with numbers in the margin can be obtained free of charge from: U.S. Fish and Wildlife Service, Ecological Services, 300 Westgate Center Drive, Hadley, MA 01035-9589. An order form is provided at the end of this list for your convenience. It can be mailed in or emailed to [ralph\\_tiner@fws.gov](mailto:ralph_tiner@fws.gov). On email, please note "publication order" in the subject block.

At the end of this list is a listing of Wetland Regulatory Agencies. These agencies should be contacted for information of Federal wetland regulations that pertain to potential building/construction projects. They may also be able to provide information on contacts for state wetland regulations. Finally, a list of Service field offices is also provided for additional assistance.

#### WETLAND DEFINITION, CLASSIFICATION & BASIC CONCEPTS (See also, "General Wetland References")

- 178 *Classification of Wetlands and Deepwater Habitats of the United States* by L.M. Cowardin, V. Carter, F.C. Golet, and E.T. LaRoe. 1979. FWS/OBS-79/31. 103 pp. (Limited copies available) Online version at [http://wetlands.fws.gov/Pubs\\_Reports/Class\\_Manual/class\\_titlepg.htm](http://wetlands.fws.gov/Pubs_Reports/Class_Manual/class_titlepg.htm)
- 101 "Wetlands are Ecotones - Reality or Myth?"
- 102 "How wet is a wetland?"
- 103 "The concept of a hydrophyte for wetland identification" (BioScience)
- 104 "Classification of wetland ecosystems"
- 195 *AA Clarification of the U.S. Fish and Wildlife Service's Wetland Definition@*
- Wetlands and Ecotones: Studies on Land-Water Interactions* edited by B. Gopal, A. Hillbricht-Ilkowska, and R.G. Wetzel. 1993. National Institute of Ecology and International Scientific Publications, New Delhi, India. Available from: International Scientific Publications, 50-B Pocket C, Siddhartha Extension, New Delhi 110014 India.
- 165 *Dichotomous Keys and Mapping Codes for Wetland Landscape Position, Landform, Water Flow Path, and Waterbody Type Descriptors* by R. Tiner. September 2003.
- 167 "Technical Aspects of Wetlands: Wetland Definitions and Classifications in the United States" by R. Tiner. 1997.
- Wetland Indicators: A Guide to Wetland Identification, Delineation, Classification, and Mapping* by R.W. Tiner. 1999. Lewis Publishers, CRC Press Inc., 2000 Corporate Boulevard NW, Boca Raton, FL 33431; (561) 994-0555.

<http://www.crcpress.com>

*Geographically Isolated Wetlands: A Preliminary Assessment of Their Characteristics and Status in Selected Areas of the United States* 2002. U.S. Fish and Wildlife Service, Northeast Region, Hadley, MA. Available on the web for viewing and downloading at: [http://wetlands.fws.gov/Pubs\\_Reports/isolated/geoisolated.htm](http://wetlands.fws.gov/Pubs_Reports/isolated/geoisolated.htm)

#### WETLAND AND RIPARIAN MAPPING

- 105 "The National Wetlands Inventory - The First Ten Years"
- 106 "Creating a National Georeferenced Wetland Database for Managing Wetlands in the United States"
- 107 "Use of high-altitude aerial photography for inventorying forested wetlands in the United States"
- 108 *NWI Maps Made Easy: A User's Guide to National Wetlands Inventory Maps of the Northeast Region* by G.S. Smith. 1991.
- 109 "Results of a Field Reconnaissance of Remotely Sensed Land Cover Data" (Maryland Department of Natural Resources).
- 110 "Application of Satellite Data for Mapping and Monitoring Wetlands" (Federal Geographic Data Committee).
- 111 *Comparison of Four Scales of Color Infrared Photography for Wetland Mapping in Maryland* by R.W. Tiner and G.S. Smith. 1992. U.S. Fish and Wildlife Service, Region 5, Newton Corner, MA. National Wetlands Inventory Report. R5-92/03. 15 pp. plus tables.
- An Investigation and Verification of Draft NWI Maps for Cape May County, New Jersey* by U.S. Fish and Wildlife Service, New Jersey Field Office. 1992. Available from: New Jersey Field Office, U.S. Fish and Wildlife Service, 927 N. Main Street (Bldg. D-1), Pleasantville, NJ 08232.
- 157 "Strategic Interagency Approach to Developing a National Digital Wetlands Data Base" (Federal Geographic Data Committee).
- 158 *Map Accuracy of National Wetlands Inventory Maps for Areas Subject to Maine Land Use Regulation Commission Jurisdiction* by C. Nichols. 1994.
- 162 *Assessment of Remote Sensing/GIS Technologies to Improve National Wetlands Inventory Maps* by B. Wilen and G. Smith. 1996. Proceedings: Sixth Biennial Forest Service Remote Sensing Applications Conference, Denver, CO.
- 164 "Some Uses of National Wetlands Inventory Maps and Digital Map Data in the Northeast".
- 166 "NWI Maps: What They Tell Us".
- 169 "Wetlands", R.W. Tiner. *In: Manual of Photographic Interpretation*, second edition. 1996.
- 170 "Adapting the NWI for Preliminary Assessment of Wetland Functions", R.W. Tiner. 1997. *In: The Future of Wetland Assessment: Applying Science through the Hydrogeomorphic Assessment Approach and Other Approaches*. The Association of State Wetland Managers Institute for Wetland Science and Public Policy.
- 171 "NWI Maps--Basic Information on the Nation's Wetlands", Ralph Tiner. *In: BioScience*. May 1997.
- 172 "Piloting a More Descriptive NWI", Ralph Tiner. *In: National Wetlands Newsletter*, Vol. 19(5). September-October 1997.
- 176 "A System for Mapping Riparian Areas in the Western United States: An Operational Draft." December 1997. U.S. Fish and Wildlife Service. Online version at [http://wetlands.fws.gov/Pubs\\_Reports/Riparian/Riparian.htm](http://wetlands.fws.gov/Pubs_Reports/Riparian/Riparian.htm)

#### AERIAL PHOTOGRAPHY AND PHOTO SEARCHES - may be ordered from the following sources:

U.S. Geological Survey  
EROS (Earth Resources Observation Systems)  
Customer Services  
Sioux Falls, SD 57198  
(605) 594-6151

U.S. Department of Agriculture  
APFO  
Customer Services  
2222 West 2300 South  
P.O. Box 30010  
Salt Lake City, UT 84130-0010  
(801) 975-3503

Earth Science Information Office  
Blaisdell House  
University of Massachusetts  
Amherst, MA 01003  
(413) 545-0359

## WETLAND IDENTIFICATION - FIELD GUIDES

*Field Guide to Nontidal Wetland Identification* by R.W. Tiner, Jr. 1988. Maryland Department of Natural Resources and U.S. Fish and Wildlife Service. Cooperative publication. 283 pp. + 198 color plates. Full color reproductions are available from: Institute for Wetland and Environmental Education and Research, P.O. Box 288, Leverett, MA 01054; (413) 548-8866. <http://www.wetlanded.com>

*A Field Guide to Coastal Wetland Plants of the Northeastern United States* by R.W. Tiner, Jr. 1987. University of Massachusetts Press, P.O. Box 429, Amherst, MA 01004; (413) 545-2219. 286 pp. <http://www.umass.edu/umpress/>

*Freshwater Wetlands: A Guide to Common Indicator Plants of the Northeast* by D.W. Magee. 1981. University of Massachusetts Press, P.O. Box 429, Amherst, MA 01004; (413) 545-2219. 246 pp. <http://www.umass.edu/umpress/>

*Maine Wetlands and Their Boundaries* by R.W. Tiner. 1994. State of Maine, Executive Department, State Planning Office, Augusta. 72 pp. + color plates. Available from: Treasurer, State of Maine, Executive Department, State Planning Office, Station 130, Augusta, ME 04333. <http://www.state.me.us/spo/ceo/publications/>

*Field Guide to Coastal Wetland Plants of the Southeastern United States* by R.W. Tiner. 1993. University of Massachusetts Press, P.O. Box 429, Amherst, MA 01004; (413) 545-2219. 328 pp. <http://www.umass.edu/umpress/>

*Winter Guide to Woody Plants of Wetlands and Their Borders: Northeastern U.S.* by R.W. Tiner. 1997. Institute for Wetland and Environmental Education and Research, P.O. Box 288, Leverett, MA 01054; (413) 548-8866. 91pp. <http://www.wetlanded.com>

*In Search of Swampland: A Wetland Sourcebook and Field Guide* (2<sup>nd</sup> Expanded Edition) by R.W. Tiner. 2005. Rutgers University Press, P.O. Box 5062, New Brunswick, NJ 08903; (732) 445-1970. 336 pp. Includes illustrations of over 200 wetland plants and more than 100 animals plus 39 color plates. Voted a best science book for junior high and high school readers in 1998 by the American Association for the Advancement of Science. <http://rutgerspress.rutgers.edu/>

*Field Guide to Tidal Wetland Plants of the Northeastern U.S. and Neighboring Canada* by R.W. Tiner. 2009. University of Massachusetts Press, P.O. Box 429, Amherst, MA 01004; (413) 545-2219. 458 pp. Includes over 700 species found in salt and brackish marshes, tidal freshwater marshes and swamps, rocky shores, tidal flats, coastal ponds, and intertidal beaches, with illustrations for about 550 species. <http://www.umass.edu/umpress/>

## WETLAND DELINEATION - MANUALS/ARTICLES

189 *An Overview of Wetland Identification and Delineation Techniques, with Recommendations for Improvement* by Ralph W. Tiner. 2000. Wetland Journal, Volume 12, Number 1, Winter 2000. P.O. Box P, 201 Boundary Lane, St. Michaels, Maryland 21663, (410) 745-9620

*Corps of Engineers Wetland Delineation Manual* by Environmental Laboratory. 1987. U.S. Army Corps of Engineers. Available from: U.S. Army Waterways Expt. Station, ER-W, Vicksburg, MS 39180-6199, phone (601) 634-2733 or through local Corps districts. Also available via Internet: <http://www.wes.army.mil/el/wetlands/pdfs/wlman87.pdf>. This version has updated guidance from the Corps. Note: Regional wetland supplements are now available for many regions of the country; posted online at: [http://www.usace.army.mil/cecw/pages/reg\\_supp.aspx](http://www.usace.army.mil/cecw/pages/reg_supp.aspx)

*Federal Manual for Identifying and Delineating Jurisdictional Wetlands* by the Federal Interagency Committee for Wetland Delineation. 1989. U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, and U.S.D.A. Soil Conservation Service, Washington, DC. Available from: Earth Science Information Office, Blaisdell House, University of Massachusetts, Amherst, MA 01003; (413) 545-0359. Unofficial online version at <http://www.wetlands.com/pdf/89manv3b.pdf>

*Wetlands: Characteristics and Boundaries* by Committee on Characterization of Wetlands, National Research Council. 1995. National Academy Press, 2101 Constitution Avenue NW, Washington, DC 20418; (800) 624-6242. <http://www.nap.edu>

112 "The Primary Indicators Method - A Practical Approach to Wetland Recognition and Delineation in the United States" ([Wetlands](#))

113 "Using Plants as Indicators of Wetland" (Proceedings of The Academy of Natural Sciences of Philadelphia)

114 "Wetland boundary delineation"

115 "Wetland delineation 1991"

116 "Technical issues regarding wetland delineation"

## 161 "Practical Considerations for Wetland Identification and Boundary Delineation"

*Wetland Indicators: A Guide to Wetland Identification, Delineation, Classification, and Mapping* by R.W. Tiner. 1999. Lewis Publishers. CRC Press Inc., 2000 Corporate Boulevard NW, Boca Raton, FL 33431; (561) 994-0555. <http://www.crcpress.com>

**HYDRIC SOILS**

*Hydric Soils of New England* by R.W. Tiner, Jr. and P.L.M. Veneman. Revised edition June 1995. University of Massachusetts Cooperative Extension, Bulletin C-183R, Amherst, MA. 28 pp. Available from: University of Massachusetts Extension, Bulletin Center, Cottage A, Thatcher Way, Amherst, MA 01003. <http://www.umassextension.org/Merchant2/merchant.mv>

*Redoximorphic Features for Identifying Aquic Conditions* by M.J. Vepraskas. NC Agr. Res. Service, NC State University, Raleigh, NC. Tech. Bull. 301. Available from: Department of Agricultural Communications, Box 7603, North Carolina State University, Raleigh, NC 27695-7603; (919) 515-3173.

*A Report on the Use of the National List of Hydric Soils of the United States December 1987* by W.B. Parker, U.S. Fish and Wildlife Service St. Petersburg, FL. 6 pp. Available from: U.S. Fish and Wildlife Service, National Wetlands Inventory Project, 9720 Executive Center Drive, Monroe Building, Suite 101, St. Petersburg, FL 33702-2440; (727) 540-5400.

*Rationale for Additions and Deletions to the National List of Hydric Soils of the United States December 1987* by W.B. Parker, U.S. Fish and Wildlife Service, St. Petersburg, FL. 3 pp. + attachments. Available from: U.S. Fish and Wildlife Service, National Wetlands Inventory Project, 9720 Executive Center Drive, Monroe Building, Suite 101, St. Petersburg, FL 33702-2440; (727)-540-5400.

*Field Indicators for Identifying Hydric Soils in New England*. Available from: NEIWPCC, Boot Mills South, 100 Foot of John Street, Lowell, MA 01852; (978) 323-7929. <http://www.neiwpcc.org/publication.html>

*Field Indicators of Hydric Soils in the United States*, edited by G.W. Hurt and others. 1996. U.S.D.A. Natural Resources Conservation Service, Wetland Science Institute and Soils Division. Free single copies available from: Russell Pringle, NRCS Wetland Science Institute, Louisiana State University, 104 Madison B. Sturgis Hall, Baton Rouge, LA 70303-2110; (405) 388-1337. Online version available at <http://soils.usda.gov/use/hydric/>

Hydric soil lists, criteria, technical notes, and field indicators publication. Available from Natural Resources Conservation Service through <http://soils.usda.gov/use/hydric/>

*Wetland Soils* by J.L. Richardson and M.J. Vepraskas. 2001. CRC Press, Boca Raton, FL 33431; (561) 994-0555. <http://www.crcpress.com>

**WETLAND PLANT LISTS/HYDROPHYTES**

*Lists of Potential Hydrophytes for the United States: A Regional Review and Their Use in Wetland Identification* by R.W. Tiner. 2006. WETLANDS 26(2):624-634. Available online at: [http://www.fws.gov/nwi/Pubs\\_Reports/publi.htm](http://www.fws.gov/nwi/Pubs_Reports/publi.htm)

NATIONAL LIST - *National List of Plant Species that Occur in Wetlands: 1988 National Summary* by P.B. Reed, Jr. 1988. U.S. Fish and Wildlife Service. Biological Report 88(24). 244 pp. (GPO Stock #024-010-00682-0) Available from: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-9328; (202) 512-0000. Online version and 1996 Draft Revision of the National List available from <http://wetlands.fws.gov/plants.htm>

NORTHEAST REGION LIST - *National List of Plant Species that Occur in Wetlands: Northeast (Region 1)* by P.B. Reed, Jr. 1988. U.S. Fish and Wildlife Service. Biological Report 88(26.1). 111 pp. Available from: National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161; (#PB89128680/AS); (703) 605-6000. <http://www.ntis.gov>

159 *1995 Supplement to the List of Plant Species that Occur in Wetlands: Northeast (Region 1)* by R. Tiner, R. Lichvar, R. Franzen, C. Rhodes, W. Sipple, P.B. Reed, Jr., and D.R. Lindsey (Northeast Interagency Review Panel). 1995. Supplement to Biological Report 88(26.1).

Wetland Plant Lists for Specific Northeastern States:

| State         | Stock Number   | Price   |
|---------------|----------------|---------|
| Connecticut   | PB90-139320/AS | \$34.50 |
| Delaware      | PB90-139312/AS | 34.50   |
| Maine         | PB90-138124/AS | 34.50   |
| Maryland      | PB90-138082/AS | 34.50   |
| Massachusetts | PB90-138231/AS | 34.50   |
| New Hampshire | PB90-139452/AS | 34.50   |
| New Jersey    | PB90-139460/AS | 34.50   |
| New York      | PB90-139387/AS | 35.50   |

|               |                |       |
|---------------|----------------|-------|
| Pennsylvania  | PB90-138256/AS | 34.50 |
| Rhode Island  | PB90-138108/AS | 26.00 |
| Vermont       | PB90-139395/AS | 34.50 |
| Virginia      | PB90-139403/AS | 35.50 |
| West Virginia | PB90-139429/AS | 34.50 |

These plant lists are available from: National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161; (703) 605-6000. \*Add \$4.00 handling charge for each order. <http://www.ntis.gov> (**Attention:** Individual State Plant Lists can often be obtained at a lower price through NWI Map Distribution Outlets, which are listed at the back of this Publications List.)

#### WETLAND PLANT - SOIL CORRELATION STUDIES

- 204 Soil-Vegetation Correlations in the Connecticut River Floodplain of Western Massachusetts by Peter Veneman and Ralph Tiner, September 1990, U.S Fish and Wildlife Service, Washington D.C. Biological Report 90(6).  
[http://library.fws.gov/BiologicalReports/BR\\_90\\_6.pdf](http://library.fws.gov/BiologicalReports/BR_90_6.pdf)

#### STATE WETLAND REPORTS

*Wetlands of New Jersey* by R.W. Tiner, Jr. 1985. U.S. Fish and Wildlife Service, Region 5, National Wetlands Inventory Project, Newton Corner, MA. 117 pp. Available from: NJ DEP, Bureau of Revenue, Maps and Publications Office, CN-417, Trenton, NJ 08625; (609) 777-1039.

*Wetlands of Delaware* by R.W. Tiner, Jr. 1985. U.S. Fish and Wildlife Service, Region 5, National Wetlands Inventory Project, Hadley, MA and Delaware Department of Natural Resources and Environmental Control, Wetlands Section, Dover, DE. Cooperative publication. 77 pp. Available from: DE DNREC, Division of Water Resources, Wetland and Underwater Lands Branch, P.O. Box 1401, Dover, DE 19903; (302) 739-4691.

*Wetlands of Rhode Island* by R.W. Tiner. 1989. U.S. Fish and Wildlife Service, Region 5, National Wetlands Inventory Project, Newton Corner, MA. 71 pp. + Appendix. Available from: Earth Science Information Office, Blaisdell House, University of Massachusetts, Amherst, MA 01003; (413) 545-0359. Available from: National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161; (703) 605-6000. Reference publication (#PB90-202615).

*Wetlands of Connecticut* by K. Metzler and R.W. Tiner. 1991. Connecticut Department of Environmental Protection, Hartford, CT. 115 pp. Available from: Natural Resources Center, Connecticut Department of Environmental Protection, 165 Capitol Avenue (Room 553), Hartford, CT 06106; (203) 566-7719.

*Wetlands of Maryland* by R.W. Tiner and D.G. Burke. 1995. U.S. Fish and Wildlife Service, Ecological Services, Region 5, Hadley, MA and Maryland Department of Natural Resources, Annapolis, MD. Cooperative publication. 193 pp. plus Appendices. Available from: Nontidal Wetlands Division, Water Management Administration, Maryland Department of the Environment, 1800 Washington Blvd., Baltimore, MD 21224; (410) 537-3000.

*West Virginia's Wetlands. Uncommon, Valuable Wildlands* by R.W. Tiner. 1996. U.S. Fish and Wildlife Service, Ecological Services, Northeast Region, Hadley, MA. 20 pp. Free single copies available from: West Virginia Division of Natural Resources, Wildlife Resources Section, Technical Support Unit, P.O. Box 67, Elkins, WV 26241-0067; (304) 637-0245. Available online at: [http://www.fws.gov/nwi/Pubs\\_Reports/West\\_Virginia\\_Wetlands.pdf](http://www.fws.gov/nwi/Pubs_Reports/West_Virginia_Wetlands.pdf)

*Current Status of West Virginia's Wetlands* by R.W. Tiner. 1996. U.S. Fish and Wildlife Service. 44 pp. plus appendices. Free single copies available from: West Virginia Division of Natural Resources, Wildlife Resources Section, Technical Support Unit, P.O. Box 67, Elkins, WV 26241-0067; (304) 637-0245.

#### NATIONAL WETLAND STATUS AND TREND REPORTS

- 122 *Status and Trends of Wetlands in the Conterminous United States, Mid-1970's to Mid-1980's* by T.E. Dahl and C.E. Johnson. 1991. U.S. Fish and Wildlife Service. 28 pp. <http://www.nwi.fws.gov/bha/SandT>

*Status and Trends of Wetlands in the Conterminous United States 1986 to 1997* by T. Dahl. 2000. Available at [http://training.fws.gov/library/Pubs9/wetlands86-97\\_highres.pdf](http://training.fws.gov/library/Pubs9/wetlands86-97_highres.pdf)

*Status and Trends of Wetlands in the Conterminous United States 1998 to 2004* by T.E. Dahl. 2006. Available online at: [http://wetlandsfws.er.usgs.gov/status\\_trends/national\\_reports/trends\\_2005\\_report.pdf](http://wetlandsfws.er.usgs.gov/status_trends/national_reports/trends_2005_report.pdf)

*Geographically Isolated Wetlands: A Preliminary Assessment of their Characteristics and Status in Selected Areas of the United States* by R. Tiner and others. 2002. Available at [http://wetlands.fws.gov/Pubs\\_Reports/isolated/geoisolated.htm](http://wetlands.fws.gov/Pubs_Reports/isolated/geoisolated.htm)

- 123 *Recent Changes in Estuarine Wetlands of the Conterminous United States* by R.W. Tiner. 1991. Reprinted from "Coastal Wetlands", Coastal Zone '91 Conference-ASCE, Long Beach, CA. 10 pp.

- 186 *Wetlands of the United States: Current Status and Recent Trends* by R.W. Tiner, Jr. 1984. U.S. Fish and Wildlife Service, National Wetlands Inventory. 59 pp. Also available from: National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161; (#DR90-198201); (703) 605-6000. <http://www.ntis.gov>. Available online at:

[http://wetlandsfws.er.usgs.gov/status\\_trends/national\\_reports/1983\\_1984\\_Status\\_Report.pdf](http://wetlandsfws.er.usgs.gov/status_trends/national_reports/1983_1984_Status_Report.pdf)

*Report to Congress Wetland Losses in The United States 1780s to 1980s* by T.E. Dahl. 1990. U.S. Department of the Interior, Washington, DC. 21 pp. Available from: U.S. Fish and Wildlife Service, National Wetlands Inventory, 9720 Executive Center Drive, Monroe Building, St. Petersburg, FL 33702; (727) 570-5400. <http://www.nwi.fws.gov/bha/SandT>

*Status and Trends of the Nation's Biological Resources* by the U.S. Geological Survey. Available from: U.S. Government Printing Office, Washington, DC 20402 (GPO Stock #024-001-00717-6).

#### REGIONAL WETLAND STATUS AND TREND REPORTS – Northeast U.S.

- 124 *Status and Recent Trends of Wetlands in Five Mid-Atlantic States: Delaware, Maryland, Pennsylvania, Virginia, and West Virginia* by R.W. Tiner, Jr. and J.T. Finn. 1986.
- 125 *Current Status and Recent Trends in Wetlands in Central Connecticut* by R.W. Tiner, J. Stone, and J. Gookin. 1989.
- 126 *Recent Wetland Trends in Southeastern Massachusetts* by R.W. Tiner, Jr. and W. Zinni, Jr. 1988.
- 127 *Pennsylvania's Wetlands: Current Status and Recent Trends* by R.W. Tiner. 1990.
- 128 *Current Status and Recent Trends in Wetlands of the Lake Erie and Delaware Estuary Coastal Zones of Pennsylvania (1986-1989)* by G.S. Smith and R.W. Tiner. 1992.
- 129 *Recent Wetland Trends in Anne Arundel County, Maryland (1981-82 to 1988-90)* by R.W. Tiner and D.B. Foulis. 1992.
- 130 *Wetland Trends in Prince Georges County, Maryland From 1981 to 1988-89* by R.W. Tiner and D.B. Foulis. 1992.
- 131 *Wetland Status and Trends for the Pleasant Valley Quadrangle, Dutchess County, New York (1958-1988)* by Ralph W. Tiner and Glenn S. Smith. 1993.
- 132 "Agricultural impacts on wetlands in the northeastern United States" by Ralph W. Tiner, Jr. 1988.
- 133 *Status and Trends of Wetlands in Cape May County, New Jersey and Vicinity (1977 to 1991)* by G.S. Smith and R.W. Tiner. 1993.
- 134 *Wetland Status and Trends in Selected Areas of Maryland's Piedmont Region (1980-81 to 1988-89)* by R.W. Tiner and D.B. Foulis. 1993.
- 135 *Wetland Status and Trends in Selected Areas of Maryland's Fall Zone (1981-82 to 1988-89)* by R.W. Tiner and D.B. Foulis. 1993.
- 136 *Wetland Trends in Selected Areas of the Western Shore Region of Maryland (1981 to 1988)* by R.W. Tiner and D.B. Foulis. 1993.
- 137 *Wetland Trends for the North East Quadrangle in Maryland (1981 to 1988)* by R.W. Tiner and D.B. Foulis. 1993.
- 138 *Wetland Trends for the Kent Island and Queenstown Quadrangles in Eastern Maryland (1982 to 1989)* by R.W. Tiner and D.B. Foulis. 1993.
- 139 *Wetland Trends for the DuBois and Falls Creek Quadrangles in Pennsylvania (1983 to 1988)* by R.W. Tiner and D.B. Foulis. 1993.
- 140 *Wetland Trends in the Williamsport Area of Pennsylvania (1977 to 1988/90)* by R.W. Tiner and D.B. Foulis. 1993.
- 141 *Wetland Trends for the Hazelton Quadrangle in Pennsylvania (1981 to 1987)* by R.W. Tiner and D.B. Foulis. 1993.
- 142 *Wetland Trends in Selected Areas of the Greater Harrisburg Region of Pennsylvania (1983-84 to 1987-88)* by R.W. Tiner and D.B. Foulis. 1993.
- 143 *Wetland Trends for Selected Areas of the Northeast Glaciated Region of Pennsylvania (1981-82 to 1987-88)* by R.W. Tiner, D.B. Foulis, and T.W. Nuerminger. 1994.
- 144 *Wetland Trends for Selected Areas of Dorchester County, Maryland and Vicinity (1981-82 to 1988-89)* by R.W. Tiner and D.B. Foulis. 1994.
- 144a *Wetland Trends in Dorchester County, Maryland (1981-82 to 1988-89)* by D.B. Foulis, T.W. Nuerminger, and R.W. Tiner. 1995.
- 145 *Wetland Trends for Selected Areas of the Lower Eastern Shore of the Delmarva Peninsula (1982 to 1988-89)* by R.W.

- Tiner and D.B. Foulis. 1994.
- 146 *Wetland Trends in Selected Areas of the Norfolk/Hampton Region of Virginia (1982 to 1989-90)* by R.W. Tiner and D.B. Foulis. 1994.
- 147 *Wetland Trends for Selected Areas in Northern Virginia (1980-81 to 1988/91)* by R.W. Tiner and D.B. Foulis. 1994.
- 148 *Wetland Trends for Selected Areas of the Chickahominy River Watershed of Virginia (1982/84 to 1989-90)* by R.W. Tiner and D.B. Foulis. 1994.
- Recent Wetland Status and Trends in the Chesapeake Watershed (1982 to 1989): Technical Report* by R.W. Tiner, I. Kenenski, T. Nuerminger, D.B. Foulis, J. Eaton, G.S. Smith, and W.E. Frayer. 1994. Chesapeake Bay Program, Annapolis, MD. 70 pp. + appendices. Available online at:  
[http://www.fws.gov/nwi/Pubs\\_Reports/Recent\\_Status\\_and\\_Trends\\_in\\_Chesapeake\\_Watershed\\_1982-1989.pdf](http://www.fws.gov/nwi/Pubs_Reports/Recent_Status_and_Trends_in_Chesapeake_Watershed_1982-1989.pdf)
- 149 *Recent Wetland Status and Trends in the Chesapeake Watershed (1982 to 1989): Executive Summary Report* by R.W. Tiner. 1994.
- 150 *Wetland Trends for Selected Areas of the Casco Bay Estuary of the Gulf of Maine (1974-77 to 1984-87)* by D.B. Foulis and R.W. Tiner. 1994.
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**NOTE: Wetland trend reports for other regions can be found online at:**

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- 120 "Current status and recent trends in Pennsylvania's wetlands"
- 121 "Wetlands of the Delaware River Basin"
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- An Inventory of Submerged Aquatic Vegetation and Hardened Shorelines of the Peconic Estuary, New York* by R.W. Tiner and others. 2003. Available online at: <http://library.fws.gov/Wetlands/peconic03.pdf>

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- 184 *Managing Common Reed (*Phragmites australis*) in Massachusetts: An Introduction to the Species and Control Techniques* by R. Tiner. 1998. This publication is also posted on the web with color photos at: [http://www.massaudubon.org/Kids/Lively\\_Lessons/Saltmarsh/restoration.html](http://www.massaudubon.org/Kids/Lively_Lessons/Saltmarsh/restoration.html)
- 196 *Wetlands Restoration Primer for K-12 Teachers* by Christy Foote-Smith, Director. April 2001. Executive Office of Environmental Affairs
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- Handbook of Constructed Wetlands, A Guide to Creating Wetlands for: Agricultural Wastewater, Domestic Wastewater, Coal Mine Drainage, Stormwater, in the Mid-Atlantic Region: Volume 1, General Considerations* 1995. Available from: Superintendent of Documents, Govt. Printing Office, 710 North Capital Northwest, Washington, DC 20401.(202) 512-1800; <http://www.gpoaccess.gov/index.html>
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- 200 *Correlating Enhanced National Wetlands Inventory Data with Wetland Functions for Watershed Assessments: A Rationale for Northeastern U.S. Wetlands* by R. Tiner, October 2003. Available online at [http://wetlands.fws.gov/Pubs\\_Reports/HGMReportOctober2003.pdf](http://wetlands.fws.gov/Pubs_Reports/HGMReportOctober2003.pdf)

#### WATERSHED-BASED WETLAND STUDIES: CHARACTERIZATION AND PRELIMINARY FUNCTIONAL ASSESSMENT, WETLAND RESTORATION, AND OVERALL ECOLOGICAL INTEGRITY

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- An Inventory of Coastal Wetlands, Potential Restoration Sites, Wetland Buffers, and Hardened Shorelines for the Narragansett Bay Estuary: An Assessment Report from the National Wetlands Inventory Program*. R.W. Tiner and others. 2003. Available online at: <http://library.fws.gov/wetlands/RIcoast03.pdf>
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- 194 *Wetlands and Potential Wetland Restoration Sites for the Shawsheen Watershed*. R.W. Tiner and others. 2000. (Cooperative USFWS and University of Massachusetts report)
- 200 *Correlating Enhanced National Wetlands Inventory Data with Wetland Functions for Watershed Assessments: A Rationale for Northeastern U.S. Wetlands* by R. Tiner, October 2003. Available online at [http://wetlands.fws.gov/Pubs\\_Reports/HGMReportOctober2003.pdf](http://wetlands.fws.gov/Pubs_Reports/HGMReportOctober2003.pdf)
- 203 *Remotely-sensed indicators for monitoring the general condition of "natural habitat" in watersheds: an application for Delaware's Nanticoke River watershed* by R. Tiner. Published in *Ecological Indicators* 4 (2004): 227-243. Available online at: [http://wetlands.fws.gov/Pubs\\_Reports/EcologicalIndicatorsTiner.pdf](http://wetlands.fws.gov/Pubs_Reports/EcologicalIndicatorsTiner.pdf).
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- Protecting Nontidal Wetlands* by D.G. Burke, E.J. Meyers, R.W. Tiner, Jr., and H. Groman. American Planning Association, 1313 East 60th Street, Chicago, IL 60637. Planning Advisory Service Report 412/413. 76 pp. (Contains model local wetland protection ordinance.)
- Statewide Wetlands Strategies: A Guide to Protecting and Managing The Resource* by World Wildlife Fund. Available from: Island Press, Box 7, Covelo, CA 95428, (800) 828-1302 OR Island Press, 1718 Connecticut Avenue NW, Washington, DC; (202) 232-7933. <http://www.islandpress.org>
- 201 *Geographically Isolated Wetlands of the United States* by R.W. Tiner, U. S. Fish and Wildlife Service. *Wetlands*, Vol 23, No.3, Sept. 2003, pp 494-516, The Society of Wetland Scientists

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## WETLAND MITIGATION

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## WETLAND WEB SITES

Some sites that may be of interest follow; most have links to many other sites as well.

- 1) <http://www.sws.org> (Society of Wetland Scientists)
- 2) <http://wetlands.fws.gov> (U.S. Fish & Wildlife Service's National Wetlands Inventory)
- 3) <http://www.pwrc.usgs.gov/wli/> (USDA Wetland Science Institute)
- 4) <http://www.epa.gov/owow/wetlands/wetline.html> (U.S. EPA wetland helpline)
- 5) <http://plants.usda.gov> (USDA plant database)
- 6) <http://www.topozone.com> (free access to USGS topographic maps)
- 7) <http://plants.ifas.ufl.edu> (University of Florida's aquatic, wetland, and invasive plant information retrieval system)
- 8) <http://ramsar.org> (international wetlands information)
- 9) <http://www.dec.state.ny.us/website/dow/stream/index.htm> (New York State pictorial key to wetland & stream macroinvertebrates)
- 10) <http://www.aswm.org> (Association of State Wetland Managers)

## PUBLIC INFORMATION REPORTS/BOOKLETS/POSTERS/COLORING BOOKS

U.S. Department of the Interior, *The Impact of Federal Programs on Wetlands, Vol. I, A Report to Congress* by the Secretary of the Interior, Washington, DC. October 1988. (Geographic Area includes: The Lower Mississippi Alluvial Plain and the Prairie Pothole Region.) Available from: National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161; (703) 605-6000. <http://www.ntis.gov>

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*My Wetland Coloring Book*. 1991. Explains why wetlands are important. Available from: Superintendent of Documents, Gov't Printing Office, 710 North Capital Northwest, Washington, DC 20401, (202) 512-1800. <http://www.gpoaccess.gov/index.html>

*Young Scientist's Introduction to Wetlands*. 1994. Educational coloring book that defines wetlands, wetland plants/animals. Available from: Superintendent of Documents, Govt. Printing Office, 710 North Capital Northwest, Washington, D.C. 20401, (202) 512-1800, email address: <http://www.gpoaccess.gov/index.html>

"Wetlands Fact Sheets" on topics related to wetland protection and regulation, as well as any other general wetland questions. EPA Wetland Protection Hotline 1-800-832-7828. <http://www.epa.gov/owow/wetlands/facts/contents.html>

- 163 *Restoring Massachusetts Wetlands*. Coloring book for elementary school children produced by the Massachusetts Wetlands Restoration and Banking Program (WRBP), Executive Office of Environmental Affairs.

*Habitat Values of New England Wetlands* by C. Pedevillano. Available from: U.S. Fish and Wildlife Service, New England Field Office, 22 Bridge St., Concord, NH 03301; (603) 225-1411.

## WETLAND JOURNALS/NEWSLETTERS

*Wetlands* - The Journal of the Society of Wetland Scientists. Available from: The Society of Wetland Scientists, P.O. Box 296, Wilmington, NC 28402. <http://www.sws.org>

*National Wetlands Newsletter*. Available from: Environmental Law Institute, 1616 P Street N.W., Suite 200, Washington, DC 20036. <http://www.eli.org/publications/nwn.htm>

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<http://www.kluweronline.com/issn/0923-4861/contents>

*Swamp Things Mailing List* (notes from U.S. EPA's Wetland Division)

To be added to the list, contact Stephanie Peters, Wetlands Division (4502F), USEPA, 401 M Street, SW, Washington, DC 20460; (202) 260-7946; FAX: (202) 260-2356; email address: [peters.stephanie@epamail.epa.gov](mailto:peters.stephanie@epamail.epa.gov).

*Wetland Breaking News* (latest in up-to-date wetland issues and publications). Produced by the Association of State Wetland Managers. <http://www.aswm.org/wbn/>

## WETLAND NATURAL HISTORY

*Days Afield - Exploring Wetlands in the Chesapeake Bay Region* by W.S. Sipple. Available from: W.S. Sipple, 518 Red Bluff Court, Millersville, MD 21108; (410-987-4083)

See also *In Search of Swampland* listed under "Wetland Identification - Field Guides."

## WETLAND PLANT NURSERIES

Inclusion of this list does not represent endorsement by the U.S. Fish and Wildlife Service. The list is simply presented as a guide for individuals looking for wetland plants to purchase. **CAUTION:** When considering native plantings, seek out nurseries as close to your property as possible, as they should have the best genetically adapted plants for your climate and soil conditions.

Pinelands Nursery, Inc.  
323 Island Road  
Columbus, NJ 08022  
(609) 291-9486  
(Also has nurseries in Gloversville,  
NY and Toano, VA)

Environmental Concern, Inc.  
P.O. Box P  
St. Michaels, MD 21663  
(410) 745-9620

New England Wetland Plants, Inc.  
800 Main Street  
Amherst, MA 01002  
(413) 256-1752

Southern Tier Consulting Inc.  
2701 A Route 305  
P.O. Box 30  
West Clarksville, NY 14786  
(716) 968-3120

New England Environmental Services  
Blackledge River Nursery  
155 Jerry Daniels Road  
Marlborough, CT 06447  
(860) 295-1022

Wildlife Nurseries Inc.  
P.O. Box 2724  
Oshkosh, WI 54903-2724  
(920)231-3780

Bigelow Nurseries  
P.O. Box 718  
Northboro, MA 01532  
(508) 845-2143

Ecoscience Wetland Nursery  
RR4, Box 4294  
Moscow, PA 18444  
(717) 842-7631

Ernest Crownvetch Farms  
RD 5, Box 806  
Meadville, PA 16335  
(800) 873-3321

Octoraro Wetland/Native Nurseries  
Box 24  
Oxford, PA 19363  
(610) 932-3762

Sylva Native Nursery & Seed Co.  
RD 2, Box 1033  
New Freedom, PA 17349  
(717) 227-0486

## WETLAND REGULATORY AGENCIES IN THE NORTHEAST

### FEDERAL AGENCIES

Chief, Regulatory Branch  
U.S. Army Corps of Engineers  
Baltimore District  
P.O. Box 1715  
Baltimore, MD 21203  
(410) 962-3670  
Geographic Area: Susquehanna and Chesapeake Bay Watersheds; Maryland and Central Pennsylvania

Chief, Regulatory Branch

U.S. Army Corps of Engineers  
 Buffalo District  
 1776 Niagara Street  
 Buffalo, NY 14207  
 (716) 879-4104  
Geographic Area: Western New York

Chief, Regulatory Branch  
 U.S. Army Corps of Engineers  
 Huntington District  
 502 Eighth Street  
 Huntington, WV 25701  
 (304) 529-5211  
Geographic Area: Ohio River Drainage; West Virginia

Chief, Regulatory Branch  
 U.S. Army Corps of Engineers  
 Norfolk District  
 803 Front Street  
 Norfolk, VA 23510  
 (757) 441-7601  
Geographic Area: Virginia

Chief, Regulatory Branch  
 U.S. Army Corps of Engineers  
 Philadelphia District  
 100 Penn Square East  
 Philadelphia, PA 19107  
 (215) 656-6734  
Geographic Area: Delaware River Drainage; Eastern Pennsylvania, Southern New Jersey, and Delaware

Chief, Regulatory Branch  
 U.S. Army Corps of Engineers  
 New York District  
 Jacob K. Javits Federal Bldg.  
 New York, NY 10278  
 (212) 264-3996  
Geographic Area: New York and Northern New Jersey

Chief, Regulatory Branch  
 U.S. Army Corps of Engineers  
 New England Division  
 696 Virginia Road  
 Concord, MA 01742  
 (978) 318-8220  
Geographic Area: New England

Chief, Regulatory Branch  
 U. S. Army Corps of Engineers  
 Pittsburgh District  
 1000 Liberty Avenue  
 Pittsburgh, PA 15222  
 (412) 644-4204  
Geographic Area: Western Pennsylvania

For information on state wetland laws, contact the appropriate U.S. Fish and Wildlife Service field office:

Chesapeake Bay Field Office  
 177 Admiral Cochrane Drive  
 Annapolis, MD 21401  
 (410) 573-4500

Rhode Island Field Office  
 P.O. Box 307  
 Charlestown, RI 02813  
 (401) 364-9124

Southwestern Virginia Field Office  
 P.O. Box 2345  
 Abingdon, VA 24210  
 (540) 623-1233

Long Island Field Office  
 P.O. Box 608  
 Islip, NY 11751

Virginia Field Office  
 6669 Short Lane  
 Gloucester, VA 23061

(516) 581-2941

Maine Field Office  
1168 Maine Street  
Old Town, ME 04468  
(207) 827-5938  
New England Field Office  
70 Commercial St, Ste 300  
Concord, NH 03301  
(603) 222-2541

New Jersey Field Office  
927 North Main St., Bldg. D  
Pleasantville, NJ 08232  
(609) 646-0620

(804) 693-6694

West Virginia Field Office  
P.O Box 1278  
Elkins, WV 26241  
(304) 636-6586  
Pennsylvania Field Office  
315 S. Allen St., Ste. 322  
State College, PA 16801  
(814) 234-4090

New York Field Office  
3817 Luker Road  
Cortland, NY 13045  
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Dover, DE 19903  
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Earth Science Information Office  
Blaisdell House, UMass  
Amherst, MA 01003  
413-545-0359  
Fax: 413-545-2304  
<http://www.umass.edu/tei/esio>

**NH** Bea Jillette  
Office of State Planning  
State of New Hampshire  
2 1/2 Beacon Street  
Concord, NH 03301  
603-271-2155  
Fax: 777-1039

**NJ** NJ Dept. of Env'l. Protection  
Office of Support Services  
Maps and Publications -CN-420  
4280 State Street  
Trenton, NJ 08625-0420  
609-777-1039

**NY** Eugena Barnaba  
Cornell Institute for Resource  
Information Systems (IRIS)  
Resource Information Lab  
Cornell University  
302 Rice Hall  
Ithaca, NY 14853-5601  
607-255-4864; 607-255-6520

**RI** Chuck Herbert  
Dept. of Environmental Mgmt.  
Wetlands Division  
235 Promenade Street, Room 260  
Providence, RI 02908  
401-222-6820 (x7710, wetlands)

**VT** Patty Usle  
Dept. of Env'l. Conservation  
Water Quality Division  
103 South Main St., Bldg. 10-N  
Waterbury, VT 05671-0408  
802-241-3770

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