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U.S. Department of the Interior
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Amphibians and Reptiles

- Corn, P. S., W. Stolzenburg, and R. B. Bury. 1989. Acid precipitation studies in Colorado and Wyoming: interim report of surveys on montane amphibians and water chemistry. U.S. Fish and Wildlife Service, Biological Report 80(40.26). 56 pp. [Publications Unit]

Biometrics and Modeling

- Wilson, K. R., J. D. Nichols, and J. E. Hines. 1989. A computer program for sample size computations for banding studies. U.S. Fish and Wildlife Service, Fish and Wildlife Technical Report 23. 19 pp. [Publications Unit]

Birds—Nongame, Colonial Wading Birds, Raptors, Game

- Conroy, M. J., J. E. Hines, and B. K. Williams. 1989. Procedures for the analysis of band-recovery data and user instructions for Program MULT. U.S. Fish and Wildlife Service, Resource Publication 175. 61 pp. [Publications Unit]
- Droege, S., and J. R. Sauer. 1989. North American Breeding Bird Survey annual summary 1988. U.S. Fish and Wildlife Service, Biological Report 89(13). 16 pp. [Publications Unit]
- Gould, P. J., and D. J. Forsell. 1989. Techniques for shipboard surveys of marine birds. U.S. Fish and Wildlife Service, Fish and Wildlife Technical Report 25. 22 pp. [Publications Unit]
- Speich, S. M., and T. R. Wahl. 1989. Catalog of Washington seabird colonies. U.S. Fish and Wildlife Service, Biological Report 88(6). 510 pp. [Publications Unit]

Birds—Waterfowl

- Fredrickson, L. H., and F. A. Reid. 1988. Considerations of community characteristics for sampling vegetation. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 13(4.1). 4 pp. [Publications Unit]
- Fredrickson, L. H., and F. A. Reid. 1988. Waterfowl use of wetland complexes. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 13(2.1). 6 pp. [Publications Unit]

- Fredrickson, L. H., and F. A. Reid. 1988. Nutritional values of waterfowl foods. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 13(1.1). 6 pp. [Publications Unit]

- Fredrickson, L. H., and F. A. Reid. 1988. Preliminary considerations for manipulating vegetation. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 13(4.9). 6 pp. [Publications Unit]

- Hohmann, K. 1989. Innovation and teamwork in the North American Waterfowl Management Plan. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 13(2.2). 5 pp. [Publications Unit]

Contaminants

- Eisler, R. 1989. Molybdenum hazards to fish, wildlife, and invertebrates: a synoptic review. U.S. Fish and Wildlife Service, Biological Report 85(1.19). 61 pp. [PWRC-Patuxent]

Disease—Fish

- Bullock, G. L. 1989. Enteric redmouth disease. U.S. Fish and Wildlife Service, Fish Health Bulletin 4. 5 pp. [Publications Unit]
- Bullock, G. L., and J. P. McCraren. 1989. Columnaris disease of fishes. U.S. Fish and Wildlife Service, Fish Health Bulletin 3. 6 pp. [Publications Unit]
- Mann, J. A. 1989. Selected bibliography on diseases and parasites of fishes: books, proceedings, and reviews, 1978-1989. U.S. Fish and Wildlife Service, Fish Disease Leaflet 81. 7 pp. [Publications Unit]
- McCraren, J. P., J. A. Plumb, and G. L. Bullock. 1989. Channel catfish virus disease. U.S. Fish and Wildlife Service, Fish Health Bulletin 2. 5 pp. [Publications Unit]

- Mitchell, A. J., and F. P. Meyer. 1989. Treatment tips for fish producers. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 15. 19 pp. [Publications Unit]

Endangered and Threatened Species

- Howe, M. 1989. Migration of radio-marked whooping cranes from the Arkansas-Wood Buffalo population: patterns of habitat use, behavior, and survival. U.S. Fish and Wildlife Service, Fish and Wildlife Technical Report 21. 33 pp. [Publications Unit]

Tyus, H. M., and C. A. Karp. 1989. Habitat use and streamflow needs of rare and endangered fishes, Yampa River, Colorado. U.S. Fish and Wildlife Service, Biological Report 89(14). 27 pp. [Publications Unit]

Environmental Effects

Villella, R. F. 1989. Acid rain publications by the U.S. Fish and Wildlife Service, 1979-1989. U.S. Fish and Wildlife Service, Biological Report 80(40.28). 31 pp. [Publications Unit]

Gloss, S. P., C. L. Schofield, and M. D. Marcus. 1989. Liming and fisheries management guidelines for acidified lakes in the Adirondack region. U.S. Fish and Wildlife Service, Biological Report 80(40.27). 59 pp. [Publications Unit]

Kolz, A. L., and J. B. Reynolds. 1989. Electrofishing, a power related phenomenon. U.S. Fish and Wildlife Service, Fish and Wildlife Technical Report 22. 24 pp. [Publications Unit]

Manci, K. M. 1989. Riparian ecosystem creation and restoration: a literature summary. U.S. Fish and Wildlife Service, Biological Report 89(20). 59 pp. [Publications Unit]

Fishery Chemicals

Bailey, T. A., and S. M. Jeffrey. 1990. Evaluation of 215 candidate fungicides for use in fish culture. U.S. Fish and Wildlife Service, Investigations in Fish Control 99. 9 pp. [NFLX-LaCrosse]

HSI Models/Species Profiles/Community Profiles/Estuarine Profiles

Auster, P. J. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (North Atlantic and mid-Atlantic) – tautog and cunner. U.S. Fish and Wildlife Service, Biological Report 82(11.105). 13 pp. [Publications Unit]

Bozeman, E. L., Jr., and M. J. Van Den Avyle. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic) – alewife and blueback herring. U.S. Fish and Wildlife Service, Biological Report 82(11.111). 17 pp. [Publications Unit]

Buckley, J. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (North Atlantic) – rainbow smelt. U.S. Fish and Wildlife Service, Biological Report 82(11.106). 11 pp. [Publications Unit]

Clippinger, N. W. 1989. Habitat Suitability Index models: black-tailed prairie dog. U.S. Fish and Wildlife Service, Biological Report 82(10.156). 21 pp. [Publications Unit]

Faber, P. M., E. Keller, A. Sands, and B. M. Massey. 1989. The ecology of riparian habitats of the southern California coastal region: a community profile. U.S. Fish and Wildlife Service, Biological Report 85(7.27). 152 pp. [Publications Unit]

Fritzsche, R. A., and T. J. Hassler. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (Pacific Northwest) – pile perch, striped seaperch, and rubberlip seaperch. U.S. Fish and Wildlife Service, Biological Report 82(11.103). 15 pp. [Publications Unit]

Grimes, B. H., M. T. Huish, J. H. Kerby, and D. Moran. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (mid-Atlantic) – Atlantic marsh fiddler. U.S. Fish and Wildlife Service, Biological Report 82(11.114). 18 pp. [Publications Unit]

Grimes, B. H., M. T. Huish, J. H. Kerby, and D. Moran. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (mid-Atlantic) – summer and winter flounder. U.S. Fish and Wildlife Service, Biological Report 82(11.112). 18 pp. [Publications Unit]

Herbold, B., and P. B. Moyle. 1989. The ecology of the Sacramento–San Joaquin Delta: a community profile. U.S. Fish and Wildlife Service, Biological Report 85(7.22). 106 pp. [Publications Unit]

Hill, J., D. L. Fowler, and M. J. Van Den Avyle. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (mid-Atlantic) – blue crab. U.S. Fish and Wildlife Service, Biological Report 82(11.100). 18 pp. [Publications Unit]

- Jory, D. E., and E. S. Iversen. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Florida) – black, red, and nassau groupers. U.S. Fish and Wildlife Service, Biological Report 82(11.110). 21 pp. [Publications Unit]
- Kantrud, H. A., G. L. Krapu, and G. A. Swanson. 1989. Prairie basin wetlands of the Dakotas: a community profile. U.S. Fish and Wildlife Service, Biological Report 85(7.28). 111 pp. [Publications Unit]
- Laderman, A. D. 1989. The ecology of Atlantic white-cedar: a community profile. U.S. Fish and Wildlife Service, Biological Report 85(7.21). 114 pp. [Publications Unit]
- Lassuy, D. R. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (Pacific Northwest) – English sole. U.S. Fish and Wildlife Service, Biological Report 82(11.101). 17 pp. [Publications Unit]
- Mercer, L. P. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (mid-Atlantic) – weakfish. U.S. Fish and Wildlife Service, Biological Report 82(11.109). 17 pp. [Publications Unit]
- Mercer, L. P. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic) – black sea bass. U.S. Fish and Wildlife Service, Biological Report 82(11.99). 16 pp. [Publications Unit]
- Minshall, G. W., S. E. Jensen, and W. S. Platts. 1989. The ecology of stream and riparian habitats of the Great Basin region: a community profile. U.S. Fish and Wildlife Service, Biological Report 85(7.24). 142 pp. [NWRC-Slidell]
- Newell, R. I. E. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (North and mid-Atlantic) – blue mussel. U.S. Fish and Wildlife Service, Biological Report 82(11.102). 25 pp. [Publications Unit]
- Oliver, J. D., M. J. Van Den Avyle, and E. L. Bozeman, Jr. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic) – bluefish. U.S. Fish and Wildlife Service, Biological Report 82(11.96). 13 pp. [Publications Unit]
- Rackowski, J. P., and E. K. Pikitch. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (Pacific Southwest) – Pacific and speckled sanddabs. U.S. Fish and Wildlife Service, Biological Report 82(11.107). 18 pp. [Publications Unit]
- Rogers, S. G., and M. J. Van Den Avyle. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (mid-Atlantic) – Atlantic menhaden. U.S. Fish and Wildlife Service, Biological Report 82(11.108). 23 pp. [Publications Unit]
- Stein, D., and T. J. Hassler. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (Pacific Southwest) – brown rockfish, copper rockfish, and black rockfish. U.S. Fish and Wildlife Service, Biological Report 82(11.113). 15 pp. [Publications Unit]
- Vince, S. W., S. R. Humphrey, and R. W. Simons. 1989. The ecology of hydric hammocks: a community profile. U.S. Fish and Wildlife Service, Biological Report 85(7.26). 81 pp. [Publications Unit]
- Zale, A. V., and S. G. Merrifield. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Florida) – ladyfish and tarpon. U.S. Fish and Wildlife Service, Biological Report 82(11.104). 17 pp. [Publications Unit]
- Zieman, J. C., and R. T. Zieman. 1989. The ecology of the seagrass meadows of the West Coast of Florida: a community profile. U.S. Fish and Wildlife Service, Biological Report 85(7.25). 155 pp. [Publications Unit]

Instream Flows/Water Allocation/ Water Resources

- Bain, M. B., and J. M. Boltz. 1989. Regulated streamflow and warmwater stream fish: a general hypothesis and research agenda. U.S. Fish and Wildlife Service, Biological Report 89(18). 28 pp. [Publications Unit]
- Bartholow, J. M. 1989. Stream temperature investigations: field and analytical methods. Instream Flow Information Paper 13. U.S. Fish and Wildlife Service, Biological Report 89(17). 139 pp. [Publications Unit]

Milhous, R. T., M. A. Updike, and D. M. Schneider. 1989. Physical habitat simulation system reference manual – Version II. Instream Flow Information Paper 26. U.S. Fish and Wildlife Service, Biological Report 89(16). 534 pp. [Publications Unit]

Invertebrates

Fredrickson, L. H., and F. A. Reid. 1988. Initial considerations for sampling wetland invertebrates. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 13(3.2). 5 pp. [Publications Unit]

Fredrickson, L. H., and F. A. Reid. 1988. Invertebrate response to wetland management. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 13(3.1). 6 pp. [Publications Unit]

Gordon, M. E., and J. B. Layzer. 1989. Mussels (Bivalvia: Unionoidea) of the Cumberland River: review of life histories and ecological relationships. U.S. Fish and Wildlife Service, Biological Report 89(15). 99 pp. [Publications Unit]

Miscellaneous

Hines, J. E., and J. R. Sauer. 1989. Program CONTRAST: a general program for the analysis of several survival or recovery rate estimates. U.S. Fish and Wildlife Service, Fish and Wildlife Technical Report 24. 7 pp. [Publications Unit]

Plants

Thompson, D. Q. 1989. Control of purple loosestrife. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 13(4.11). 6 pp. [Publications Unit]

Wetlands – Ecology and Management

Douglas, A. J. 1989. Annotated bibliography of economic literature on wetlands. U.S. Fish and Wildlife Service, Biological Report 89(19). 67 pp. [Publications Unit]

Fredrickson, L. H., and F. A. Reid. 1988. Control of willow and cottonwood seedlings in herbaceous wetlands. U.S. Fish and Wildlife Service, Fish and Wildlife Leaflet 13(4.10). 3 pp. [Publications Unit]

Heitmeyer, M. E., L. H. Fredrickson, and G. F. Krause. 1989. Water and habitat dynamics of the Mingo Swamp in southeastern Missouri. U.S. Fish and Wildlife Service, Fish and Wildlife Research 6. 26 pp. [Publications Unit]

Reed, P. B., Jr. 1988. National list of plant species that occur in wetlands: Caribbean (Region C). U.S. Fish and Wildlife Service, Biological Report 88(26.12). 82 pp. [Publications Unit]

Reed, P. B., Jr. 1988. National list of plant species that occur in wetlands: Hawaii (Region H). U.S. Fish and Wildlife Service, Biological Report 88(26.13). 88 pp. [Publications Unit]

Walker, M. D., D. A. Walker, and K. R. Everett. 1989. Wetland soils and vegetation, Arctic Foothills, Alaska. U.S. Fish and Wildlife Service, Biological Report 89(7). 89 pp. [Publications Unit]

Available Back Issues of Publications

FWS/OBS

82/10.56 McMahon, T.E., J. W. Terrell, and P. C. Nelson. 1984. Habitat Suitability Index models: walleye. 43 pp. [Publications Unit]

82/10.85 McMahon, T. E., G. Gebhart, O. E. Maughan, and P. C. Nelson. 1984. Habitat Suitability Index models: striped bass. 41 pp. [Publications Unit]

82/10.132 Allen, A. W. 1987. Habitat Suitability Index models: mallard (winter habitat, Lower Mississippi Valley). 37 pp. [Publications Unit]

82/26 Bovee, K. D. 1982. A guide to stream habitat analysis using the Instream Flow Incremental Methodology. Instream Flow Information Paper 12. 248 pp. [Publications Unit]

82/58.2 Drew, R. D., and N. S. Schomer. 1984. An ecological characterization of the Caloosahatchee River/Big Cypress watershed. 225 pp. [Publications Unit]

83/07 Aiken, J. D. 1983. Opportunities to protect instream flows in Minnesota and Iowa. 64 pp. [Publications Unit]

FWS/OBS

- 83/08 Ambrose, R. E., C. R. Hinkle, and C. R. Wenzel. 1983. Practices for protecting and enhancing fish and wildlife on coal surface-mined land in central and southern Appalachia. 208 pp. [Publications Unit]
- 83/10 Proctor, B. R., R. W. Thompson, J. E. Bunin, K. W. Fucik, G. R. Tamm, and E. G. Wolf. 1983. Practices for protecting and enhancing fish and wildlife on coal surface-mined land in the Powder River-Fort Union region. 246 pp. [Publications Unit]
- 83/11 Ambrose, R. E., C. R. Hinkle, and C. R. Wenzel. 1983. Practices for protecting and enhancing fish and wildlife on coal surface-mined land in the Unita-southwestern Utah region. 250 pp. [Publications Unit]
- 83/19 Beccasio, A. D., A. E. Redfield, R. L. Frew, W. M. Levitan, and J. E. Smith. 1983. Lower Mississippi Valley ecological inventory: user's guide and information base. 84 pp. [Publications Unit]
- 83/22 White, M. R. 1983. Opportunities to protect instream flows in Texas, Oklahoma, and Arkansas. 94 pp. [Publications Unit]
- 83/33 Armour, C. L., K. P. Burnham, and W. S. Platts. 1983. Field methods and statistical analyses for monitoring small salmonid streams. 200 pp. [Publications Unit]
- 83/35 Armbruster, J. S., editor. 1983. Impacts of coal surface mining on 25 migratory bird species of high Federal interest. 348 pp. [Publications Unit]
- 84/01 Snyder, B. D., and J. L. Snyder. 1984. Feasibility of using oil shale wastewater for waterfowl wetlands. 290 pp. [Publications Unit]
- 84/06 Judy, R. D., Jr., P. N. Seeley, T. M. Murray, S. C. Svirsky, M. R. Whitworth, and L. S. Ischinger. 1984. 1982 National Fisheries Survey. Vol 1. Technical report, initial findings. 140 pp. [Publications Unit]
- 84/08 Olive, S. W., and B. L. Lamb. 1984. Conducting a FERC environmental assessment: a case study and recommendations from the Tenor Lake Project. 62 pp. [Publications Unit]

- 84/15 Theurer, F. D., K. A. Voos, and W. J. Miller. 1984. Instream water temperature model. Instream Flow Information Paper 16. 321 pp. [Publications Unit]

Biological Report

- 85(7.6) Jahn, L. A., and R. V. Anderson. 1986. The ecology of Pools 19 and 20 of the Upper Mississippi River: a community profile. 142 pp. [Publications Unit]
- 85(7.7) Herdendorf, C. E., and C. N. Raphael. 1986. The ecology of Lake St. Clair wetlands: a community profile. 187 pp. [Publications Unit]
- 85(7.11) Zedler, P. H. 1987. The ecology of southern California Vernal Pools: a community profile. 136 pp. [Publications Unit]
- 85(7.14) Glaser, P. H. 1987. The ecology of patterned boreal peatlands of northern Minnesota: a community profile. 98 pp. [Publications Unit]
- 85(7.19) Ohmart, R. D., B. W. Anderson, and W. C. Hunter. 1988. The ecology of the Lower Colorado River from Davis Dam to the Mexico-United States International Boundary: a community profile. 296 pp. [Publications Unit]
- 85(7.20) Hay, M. E., and J. P. Sutherland. 1988. The ecology of rubble structures of the South Atlantic Bight: a community profile. 67 pp. [Publications Unit]
- 86(11) Windell, J. T., B. E. Willard, D. J. Cooper, S. Q. Foster, C. F. Knud-Hansen, L. P. Rink, G. N. Kiladis. 1986. An ecological characterization of Rocky Mountain montane and subalpine wetlands. 298 pp. [Publications Unit]
- 87(9) Dick-Peddie, W. A., J. V. Hardesty, E. Muldavin, and B. Sallach. 1987. Soil-vegetation correlations on the riparian zones of the Gila and San Francisco rivers in New Mexico. 29 pp. [Publications Unit]
- 87(10) Trewlely, T. L., and G. A. Gould. 1987. Opportunities to protect instream flows in Colorado and Wyoming. 91 pp. [Publications Unit]
- 87(11) Erickson, N. E., and D. M. Leslie, Jr. 1987. Soil-vegetation correlations in the sandhills and Rainwater Basin wetlands of Nebraska. 72 pp. [Publications Unit]