



Purple Sandpiper

Wade Wander

Education

M.Sc. in Ecology, Rutgers University, 1980. Thesis topic: Temporal distribution, age separation, and feeding habitat preference as factors in the ecological segregation of migrating shorebirds at Jamaica Bay Wildlife Refuge, New York City.

B.S. in Wildlife Ecology, Cook College, Rutgers University, 1976.

Professional Experience

Pre-1980—While an undergraduate and graduate student Mr. Wander worked for faculty members on a number of consulting projects involving avian inventoring and analysis, and also conducted the following funded research:

- Survey of breeding birds of Sandy Hook, NJ, 1976. Independent research funded by the National Park Service.

1980-1982—As an independent consultant, Mr. Wander conducted a number of funded research projects:

- Survey of breeding birds of southern New Jersey cedar swamps, 1980. Independent research funded by the New Jersey Audubon Society and the Frank F. Chapman Fund of the American Museum of Natural History.
- Distributional study of grassland birds in New Jersey, 1981 and 1982. For State of New Jersey, Department of Environmental Protection, Endangered and Nongame Species Project.
- Aerial and ground survey of migrant shorebirds on the Delaware Bayshore, NJ, 1981 and 1982. For U.S. Fish and Wildlife Service.
- Aerial survey of shorebirds on Raritan Bay, NJ, 1982. For State of New Jersey, Department of Environmental Protection, Endangered and Nongame Species Project.

1984-Present—In 1984, Wade and Sharon Wander formally established their full-time environmental consulting practice, Wander Ecological Consultants, specializing in wetland delineation and permitting, endangered species surveys, ornithological studies, flora and fauna inventories, environmental impact statements, and environmental reviews for municipalities and other entities.

Publications

Wander, W. 1977. Breeding birds of Sandy Hook—1976. Occasional Paper No. 129. NJ Audubon 3(5&6):83-90.

_____. 1979. Waterbird concentrations at Assunpink fish and wildlife management area, 1974-1978. Occasional Paper No. 136. NJ Audubon VI(3):34-37.

_____, and S.A. Brady. 1980. Summer Tanager and Red-headed Woodpecker in the Pinelands. New Jersey Audubon VI(3):34-37.

Wander, W. 1981. Breeding birds of southern New Jersey cedar swamps. Occasional Paper No. 138. NJ Audubon VI(4):51-65.

_____. 1981. Red Phalarope eating carrion. Wilson Bulletin 95:557.

_____, and P. Dunne. 1981. Species and numbers of shorebirds on the Delaware Bayshore of New Jersey—Spring 1981. Occasional Paper No. 140. NJ Audubon VII(4):59-64.

Wander, W. 1981. An Ornithological Agenda for New Jersey. NJ Audubon VII (4):58.

Dunne, P., D. Sibley, C. Sutton, and W. Wander. 1982. Aerial surveys in Delaware Bay: confirming an enormous spring staging area for shorebirds. Wader Study Group Bulletin 35:32-33.

Leck, C.F., S.A. Brady, and W. Wander. 1982. The effects of canopy opening on breeding and migrant birds at Hutcheson Memorial Forest. The William F. Hutcheson Memorial Forest Bulletin 6:20-23.

Wander, W. 1982. Species accounts for Red-headed Woodpecker, Cliff Swallow, and Hooded Warbler in New Jersey's Endangered and Threatened Plants and Animals, Center for Environmental Research, Stockton State College, Pomona, NJ.

_____. 1982. Breeding status of grassland birds in New Jersey. NJ Audubon VIII(1):2-4.

Burger, J., and W. Wander. 1983. Jamaica Bay Studies:4. Abiotic factors affecting abundance of Brant and Canada Geese on an East Coast estuary. Wilson Bulletin 95:384-403.

Wander, W. 1984. Techniques for aging selected species of shorebirds in the field. NJ Audubon Records of New Jersey Birds X(3):49-55.

Burger, J., J.R. Trout, W. Wander, and S. Ritter. 1984. Jamaica Bay Studies VII: factors affecting the distribution and abundance of ducks in a New York estuary. Estuarine, Coastal, and Shelf Sciences 19:673-689.

Wander, S.A., and W. Wander. 1985. Observations at a Northern Waterthrush nest. Journal of Field Ornithology 56(1):69.

Wander, W., and S.A. Wander. 2000. Wetland dependent butterflies of the Northeast. Wetland Journal 12(2): 14-21.

Teaching Experience

From 1990-2007, Wade Wander, along with Sharon Wander, taught summer and winter field courses in Vegetation Identification for Wetland Delineation for the Cook College Office of Continuing Professional Education. From 1997-2007, they also organized, and made presentations in, an annual course on Endangered & Threatened Species in New Jersey for the OCPE; though they have passed the organizing task on to others, they still make presentations in this course. In addition they conduct a field course in North Jersey Endangered Species Habitat Assessment in alternate years. The Wanders have also presented a wetland awareness course to maintenance employees of the Port Authority of New York and New Jersey, and taught wetland vegetation identification to employees of the New York State Department of Transportation.

Professional Certifications

- U.S. Army Corps of Engineers Certified Wetland Delineator WD93MD0910074B
- Society of Wetland Scientists Certified Wetland Professional 000416
- Certified Ornithologist by the NJ Department of Environmental Protection

Other Relevant Experience

- Member of the bird, herptile, and butterfly Species Status Assessment Committees of the NJ Endangered and Nongame Species Program
- Scientific Advisor to the New Jersey Audubon Society Breeding Bird Atlas project
- Former Research Associate of the New Jersey Audubon Society
- Mr. Wander is an expert in the field of butterfly identification and distribution, and butterfly gardening. He is compiler of the Springdale, NJ, Fourth of July Butterfly Count.
- Mr. Wander is one of the most experienced naturalists in New Jersey and is considered to be an expert in the habitat requirements of birds, reptiles and amphibians, and butterflies.
- Former co-editor of North American Bird-Bander, the technical publication of the Eastern, Inland, and Western Bird-Banding Associations
- Mr. Wander formerly held a Federal Master Bird Marking and Salvage Permit, which can be reactivated should bird-banding studies be required.
- Mr. Wander is participating in an ongoing project to determine the distribution of dragonflies and damselflies in the Delaware Water Gap National Recreation Area for the National Park Service.

Affiliations

Mr. Wander's affiliations include the Society of Wetland Scientists, the Association of State Wetland Managers, the Wildlife Society, the New Jersey Audubon Society, the Xerces Society, and the North American Butterfly Association.