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3 April 2017

## ERIK KIVIAT

### Recent Professional Experience

**Hudsonia Ltd.:** *Executive Director*; 1988- (excepting two years); *Ecologist*, 1981-1988; Co-founder.

**Bard College:** *Associate Professor* then *Professor of Environmental Studies*; Graduate School of Environmental Studies, 1987-2005; Research Associate, Division of Natural Sciences and Mathematics, 2002-.

*Technical assistance* to: Non-governmental organizations (land trusts, environmental groups, citizens' groups); landowners; businesses; planning, law, and engineering firms; sporting associations; federal, state and local government; in New York, New Jersey, Connecticut, Massachusetts, Ohio: more than 300 reports prepared, 1975-.

*Professional workshops taught or co-taught:* Winter Woody Plant Identification; Reptile and Amphibian Survey Methods; Reptiles and Amphibians of the Hudson River; *Phragmites* Ecology and Management; Wetland Habitat Creation and Turtle Conservation; Conservation of Urban Biodiversity.

*Fellowships:* Cary Summer Research Fellowship 1993, Institute of Ecosystem Studies, Millbrook, NY. Vegetation and biogeochemistry of Blanding's turtle habitats. Short-term Visitor, 1995, Smithsonian Environmental Research Laboratory, Edgewater, MD. Freshwater-tidal and nontidal wetland studies.

*Editorial Board:* *Urban Naturalist* 2014-.

*Peer Reviewer:* *Biological Invasions*; *Chelonian Conservation and Biology*; *Ecosphere*; *Environmental Monitoring and Assessment*; *Estuaries*; *Estuarine, Coastal and Shelf Science*; *Journal of Herpetology*; *Journal of the Marine Biological Association of the United Kingdom*; *New York State Museum Bulletin*; *Northeastern Naturalist*; *Studies in Avian Biology*; *Urban Habitats*; *Wetlands*; *Wetlands Ecology and Management*; *Wilson Bulletin*; American Museum of Natural History; Countryman Press; Hudson River Foundation; Long Island Sound License Plate Fund; Marsh Ecology Research Program (Man.); Marsh Ecology Research Program (NJ); Rutgers University Press; San Francisco Bay-Delta Research Enhancement Program; Sea Grant (Connecticut; Rhode Island); State University of New York Press; Nature Conservancy; U.S. Fish and Wildlife Service; U.S. Geological Survey; U.S. Office of Technology Assessment.

*Volunteer* (selected): Turtle research, Jug Bay Wetlands Sanctuary, Maryland, 1990s-2000s; Ontario Breeding Bird Atlas, Hudson Bay Lowland, Canada, 1985; Herpetofaunal surveys, Jekyll Island, GA, 1979-2013; Osprey survey and herpetofaunal survey, St. Catherine's Island, GA, 1973; Reptile and amphibian population studies, Kalbfleisch Field Research Station, Long Island, NY, 1963; Additional reptile and amphibian surveys in New York, Massachusetts, Georgia, and Mexico, American Museum of Natural History, 1961-1979.

## Education

Ph.D. Ecology, Union Institute and University, 1991. Thesis: *Wetland human ecology*.

M.A. Biology, State University at New Paltz, NY, 1979. Thesis: *Hudson Estuary shore zone: Ecology and management*.

B.S. Natural Sciences, Bard College, 1976. Thesis: *Snapping turtle ecology in a New York tidemarsh*.

*Professional courses taken:* Wildlife Study Design (1 day), Wildlife Society, 2002; Biology of Spiders (5 days), Eagle Hill Institute, ME, 2001; Mosquito Identification and Surveillance (2 days), New York State Department of Health, 2000; Applied Multivariate Methods (5 days), Institute for Professional Education, VA, 1995; Control of Mosquitoes and Mosquito-borne Diseases in the U.S. (5 days), International Center for Public Health Research, SC, 1993; Understanding Wetland Soils (2 days), Cook College, Rutgers University, NJ, 1989; Landscape Preservation: Ecological and Social Issues (1 day), Institute of Ecosystem Studies, Millbrook, NY, 1987; Energy Analysis (1 day), University of Georgia, Athens, 1977; Freshwater Fishes of New York (5 days), American Museum of Natural History, New York, NY, 1970.

## Research Interests

Wetland ecology and management; Nonnative and overabundant species ecology and management; Herpetofaunal ecology and conservation; Habitat ecology, assessment, monitoring, creation, restoration, connectivity; Urban and rural biodiversity, rare or little-known species; Energy development impacts on biodiversity; Human cultural adaptations to wetlands and vector-borne diseases; Ethnobotany - economic botany.

Current research projects (with staff and collaborators): Urban biodiversity and its management, a case study of the New Jersey Meadowlands (includes field surveys of mammals, birds, herpetofauna, butterflies, dragonflies, clam shrimp, land snails, vascular plants, bryophytes, lichens, macrofungi); Impacts of gas drilling sites and gas pipelines on biodiversity; Long-term response of the threatened Blanding's turtle to created wetland and upland habitats; Bog turtle and vegetation response to prescribed grazing of a degraded fen; Modelling bog turtle habitat connectivity; Ecology of an unusual painted turtle population in a freshwater tidal marsh; Status of the newly described Atlantic Coast leopard frog in the New York metropolitan region; Ecology and conservation of the globally rare clam shrimp *Cyzicus gynecia* and the distributions and habitats of other clam shrimps; An old-growth forest in the Hudson Valley after 40 years; Bryophytes associated with swamp loosestrife and purple loosestrife; Conservation status and ecology of the rare plant goldenclub (*Orontium aquaticum*) in the Hudson River estuary from the 1930s to the present; Re-survey of the flora and vegetation of a circumneutral bog lake in New York after forty years; Eastern prickly-pear in rocky habitats of the Hudson Valley; Human-disturbed habitats as sentinels for early detection of nonnative weeds in the Catskill Mountain region; Habitat functions of *Phragmites*, purple loosestrife, and knotweed for organisms from cryptogams to mammals; Bioenergy and other uses of abundant nonnative plants.

## Additional Field Work

Arizona, California, Colorado, Connecticut, Florida, Georgia, Louisiana, Maine, Maryland, Massachusetts, Minnesota, Nebraska, New Jersey, New Mexico, New York, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, Texas, Utah, Vermont, Washington; British Columbia (forthcoming 2017), Manitoba, Nova Scotia, Ontario, Québec; México; Trinidad; Czech Republic; France; Germany; Romania; England; Scotland; Hungary; Italy; Botswana.

**Languages:** French and Spanish (reading).

## **Professional Certification**

Professional Wetland Scientist, Society of Wetland Scientists, 1995-;

## **Honors**

Awarded to Erik Kiviat or to Hudsonia for projects or programs he directed: John and Samuel Bard Award in Medicine and Science 2016; Environmental Consortium Great Work Award 2014; Nominations for National Wetlands Award 2002, 2009-2011; Coastal America Spirit Award, New Jersey Marine Sciences Consortium Habitat Initiative, 2006; Certificate of Appreciation, New York State Department of Environmental Conservation, 2000; Good Land Award, Winnakee Land Trust, 1999, 2008; Project Facilitation Award, Society for Ecological Restoration, 1997; Marion Thompson Fuller Brown Conservation Award, Garden Clubs of America, 1996; Environmental Award, Museum of the Hudson Highlands, 1996; Award for Environmental Sensitivity, Mohonk Consultations on the Earth's Environment, 1995; Researcher of the Year Award, Hudson River Environmental Society, 1994; Service Award, Dutchess County Environmental Management Council, 1982.

## **Professional Societies**

American Bryological and Lichenological Society; Association of Field Ornithologists; Association of State Wetland Managers; Hudson River Environmental Society; Natural Areas Association; Society for the Study of Amphibians and Reptiles; Society of Wetland Scientists; Southern Appalachian Botanical Society; Torrey Botanical Society; Wilson Ornithological Society.

## **Public Service**

Citizens' Advisory Group, Rebuild by Design Meadowlands Flood Protection Project, 2016-; Lower Hudson Partnership in Invasive Species Management, 2012- (Steering Committee 2013-2015); Invited participant, recovery workshops for bog turtle, U.S. Fish and Wildlife Service (FWS) and New York State Department of Environmental Conservation (DEC), 2011-2015; Steering Committee, Northeast Natural History Conference, 2010; Invited participant, recovery workshops for Blanding's turtle, timber rattlesnake, northern cricket frog, New England cottontail, DEC, 2009-?; Scientific Advisory Committee, Hudson River Almanac; Advisory Committee for Quadricentennial Exhibit, Albany Institute for History and Art, 2008; co-sponsor, Japanese Knotweed Managers' Workshop, 2005; co-convenor, Hackensack Meadowlands Symposium, 2003; Greene County (NY) Habitat Management Advisory Committee, 2003-?; Advisory Committee for Hudson River Estuary Exhibit, Liberty Science Center, 2002-2007; Scientific Advisory Committee, New York - New Jersey Trail Conference, 2002-2008; Co-sponsor, *Phragmites* Forum, 2002; Convenor of the workshop *Purple Loosestrife and Wildlife in North America*, Northeast Fish and Wildlife Conference, 2001; Conservation and Recovery of the Bog Turtle (invited participant), FWS, 1998; Jug Bay Wetlands Sanctuary Advisory Committee, 1998-; Scientific Advisory Committee, Friends of the Great Swamp, 1998-; Hudson River Biodiversity Committee, DEC, 1997-; Scientific Advisory Committee, Hudson River Habitat Restoration Program, U.S. Army Corps of Engineers, 1994-95; Editorial Board, *Water Ways: New York's Waterfront News*, 1990-92; Hudson River National Estuarine Research Reserve Advisory Committee, 1983-?, Hudson River Fisheries Advisory Committee, 1979-83, Hudson River Valley Study Advisory Committee, 1978, DEC; Wildlife Society New York Chapter, Committee on Exotic Plants (1981-87); Advisory Board of the Trevor Zoo (1981-94); Dutchess County Environmental Management Council Significant Areas Committee (1980-82); Storm King School Environmental Institute Advisory Board, 1983-85; Convenor of Hudson River Marsh Workshop, Hudson River Environmental Society, 1976.

***Presentations at Scientific Conferences*** More than 80 beginning in 1974.

**Technical Publications** (\* Peer reviewed)

(Papers in preparation with various collaborators on bog turtle and Blanding's turtle habitat restoration, Atlantic Coast leopard frog, organisms associated with *Phragmites* on three continents, human uses of an urban-fringe wetland complex, first records of the invasive plant *Cyperus difformis* in New York, bryophytes and loosestrifes, organisms associated with knotweed, knotweed allelopathy to mosses.)

- Travis, K.B., I. Haeckel, G. Stevens, J. Tesauro & E. Kiviat. Submitted. Bog turtle dispersal corridors and conservation in New York. *Herpetological Conservation and Biology*. \*
- Schmidt, R.E., E. Kiviat, N. Trigoboff & J. Vanek. Submitted. New Records of clam shrimp (Laevicaudata, Spinicaudata) from New York. *Northeastern Naturalist*. \*
- Bacon, R. J. & E. Kiviat. In press. Ecology of painted turtles in a freshwater tidal marsh, Tivoli North Bay, New York. Section. Pages II-1 to II-29 in S.H. Fernald, D.J. Yozzo and H. Andreyko (eds.), *Final Reports of the Tibor T. Polgar Fellowship Program, 2015*. Hudson River Foundation.
- Les, J.C. & E. Kiviat. 2017. The conservation status of goldenclub (*Orontium aquaticum*) in the freshwater tidal wetlands of the Hudson River. 41 p. in S.H. Fernald, D.J. Yozzo and H. Andreyko (eds.), *Final Reports of the Tibor T. Polgar Fellowship Program, 2014*. Hudson River Foundation.
- Strayer, D.L., E. Kiviat, S.E.G. Findlay & N. Slowik. 2016. Vegetation of riprapped revetments along the freshwater tidal Hudson River, New York. *Aquatic Sciences* 78:605-614. \*
- Bhattacharai, G.P., W.J. Allen, J.T. Cronin, E. Kiviat & L.A. Meyerson. 2016. Response to Blossey and Casagrande: Ecological and evolutionary processes make host specificity at the subspecies level exceedingly unlikely. *Biological Invasions* 18(9): 2757-2758. \*
- Cronin, J.T., E. Kiviat, L.A. Meyerson, G.P. Bhattacharai & W.J. Allen. 2016. Biological control of invasive *Phragmites australis* will be detrimental to native *P. australis*. *Biological Invasions* **18(9):2749–2752**. \*
- Kiviat, E. 2014. Adaptation of human cultures to wetland environments. P. 404-415 in P. Gâștescu, W. Marszelewski & P. Bretcan. 2nd International Conference "Water Resources and Wetlands" Conference Proceedings 11-13 September, 2014 Tulcea (Romania). Romanian Limnogeographical Association. \*
- Vaičekonytė, R., E. Kiviat, F. Nsenga & A. Ostfeld. 2014. An exploration of common reed (*Phragmites australis*) bioenergy potential in North America. *Mires & Peat* 13(Article 12):1-9 (<http://www.mires-and-peat.net/>). \*
- Kiviat, E. 2013. Risks to biodiversity from hydraulic fracturing for natural gas in the Marcellus and Utica shales. *The Year in Ecology and Conservation Biology 2012*, *Annals of the New York Academy of Sciences* 1286:1-14. (Invited paper.) \*
- Kiviat, E. 2013. Ecosystem services of *Phragmites* in North America with emphasis on habitat functions. *AoB Plants* 2013, doi: 10.1093/aobpla/plt008. 29 p. (Invited paper.) \*
- Kiviat, E. & E. Johnson. 2013. Biodiversity assessment handbook for New York City. American Museum of Natural History Center for Biodiversity and Conservation, and Hudsonia. <http://www.amnh.org/our-research/center-for-biodiversity-conservation/publications/for-policymakers/biodiversity-assessment-handbook-for-new-york-city>
- Gillen, J. & E. Kiviat. 2012. Hydraulic fracturing threats to species with restricted ranges in the eastern United States. *Environmental Practice* 14(4):320-331. \*
- Kiviat, E. 2011. Frog call surveys in an urban wetland complex, the Hackensack Meadowlands, New Jersey, 2006. *Urban Habitats* 6 (unpaginated). Available at: [urbanhabitats.org](http://urbanhabitats.org). \*
- Dowling, Z., T. Hartwig, E. Kiviat & F. Keesing. 2010. Experimental management of nesting habitat for the Blanding's turtle (*Emys blandingii*). *Ecological Restoration*. 28(2):154-159. \*
- Kiviat, E. 2010. *Phragmites* Management sourcebook for the tidal Hudson River and the northeastern states. Hudsonia Ltd., Annandale NY 12504 USA. 74 p. ([www.hudsonia.org](http://www.hudsonia.org))

- Kiviat, E., G. Mihocko, G. Stevens, P.M. Groffman & D. Van Hoewyk. 2010. Vegetation, soils, and land use in fens of eastern New York and adjacent Connecticut. *Rhodora* 112(952):335-354. \*
- Kiviat, E. 2009. Human uses of tidal freshwater wetlands on the USA East Coast. P. 21-30 in A. Barendregt, D. Whigham & A. Baldwin, eds. *Tidal Freshwater Wetlands*. Backhuys Publishers, Leiden, The Netherlands. (Invited chapter.) \*
- Kiviat, E. 2009. Invasive plants in tidal freshwater wetlands - North American East Coast. P. 106-114 in A. Barendregt, D. Whigham & A. Baldwin, eds. *Tidal Freshwater Wetlands*. Backhuys Publishers, Leiden, The Netherlands. (Invited chapter.) \*
- Swarth, C. & E. Kiviat. 2009. Animal communities in North American tidal freshwater wetlands. P. 71-88 in A. Barendregt, D. Whigham & A. Baldwin, eds. *Tidal Freshwater Wetlands*. Backhuys Publishers, Leiden, The Netherlands. (Invited chapter.) \*
- Schmidt, R.E. & E. Kiviat. 2007 (2008). State records and habitat of clam shrimp, *Caenestheriella gynecia* (Crustacea: Conchostraca), in New York and New Jersey. *Canadian Field-Naturalist* 121:128-132. \*
- Hartwig, T. & E. Kiviat. 2007. Microhabitat use by Blanding's turtle in constructed and reference wetlands. *Journal of Wildlife Management* 71(2):576-582. \*
- Kiviat, E., S.E.G. Findlay & W.C. Nieder. 2006. Tidal wetlands. P. 279-295 in J.S. Levinton & J.R. Waldman, eds. *The Hudson River Estuary*. Cambridge University Press, New York, NY. (Invited chapter.)
- Kiviat, E., guest editor. 2004. The Hackensack Meadowlands: History, ecology, and restoration of a degraded urban wetland. *Urban Habitats* 2(1) ([www.urbanhabitats.org](http://www.urbanhabitats.org)). \*
- Kiviat, E. & K. MacDonald. 2004. Biodiversity patterns and conservation in the Hackensack Meadowlands, New Jersey. *Urban Habitats* 2(1):28-61 ([www.urbanhabitats.org](http://www.urbanhabitats.org)). \*
- Hummel, M. & E. Kiviat. 2004. Review of world literature on water-chestnut (*Trapa natans*) with implications for management in North America. *Journal of Aquatic Plant Management* 42(1):17-28. \*
- Kiviat, E. 2004. Occurrence of *Ailanthus altissima* on a Maryland freshwater tidal estuary. *Castanea* 69(2):139-142.\*
- Kiviat, E. 2004. Concluding remarks. P. 101-103 in C. Swarth, W. Roosenberg & E. Kiviat, eds. *Conservation and Ecology of Turtles of the Mid-Atlantic Region; A Symposium*. Bibliomania!, Salt Lake City, Utah.
- Kiviat, E., G. Stevens, K.L. Munger, L.T. Heady, S. Hoeger, P.J. Petokas & R. Brauman. 2004. Blanding's turtle response to wetland and upland habitat construction. P. 93-99 in C. Swarth, W. Roosenberg & E. Kiviat, eds. *Conservation and Ecology of Turtles of the Mid-Atlantic Region; A Symposium*. Bibliomania!, Salt Lake City, Utah. \*
- Schmidt, R.E., T.W. Hunsinger, T. Coote, E. Griffin-Noyes & E. Kiviat. 2004. Mudpuppy (*Necturus maculosus*) in the tidal Hudson River with comments on its status as native. *Northeastern Naturalist* 11(2):179-188.\*
- Swarth, C., W. Roosenberg & E. Kiviat, eds. 2004. *Conservation and ecology of turtles of the Mid-Atlantic region; A Symposium*. Bibliomania!, Salt Lake City, Utah. 121 p. \*
- Talmage, E. & E. Kiviat. 2004. Japanese knotweed and water quality on the Batavia Kill in Greene County, New York: Background information and literature review. Greene County Soil and Water Conservation District and New York City Department of Environmental Protection. 27 p. [www.gcsxcd.com/stream/knotweed/reports/litreview/JKandwaterquality.pdf](http://www.gcsxcd.com/stream/knotweed/reports/litreview/JKandwaterquality.pdf)
- Bannor, B. & E. Kiviat. 2002. Common moorhen (*Gallinula chloropus*). *Birds of North America* 685, 27 p. \*
- Findlay, S.E.G., E. Kiviat, W.C. Nieder & E.A. Blair. 2002. Functional assessment of a reference wetland set as a tool for science, management and restoration. *Aquatic Sciences* 64:107-117. \*

- Kiviat, E. & K. MacDonald. 2002. Hackensack Meadowlands, New Jersey, biodiversity: A review and synthesis. Hackensack Meadowlands Partnership. 112 p. Available at [www.hudsonia.org](http://www.hudsonia.org). \*
- Kiviat, E. & E. Hamilton. 2001. *Phragmites* use by Native North Americans. *Aquatic Botany* 69(2-4):341-357. \*
- Kiviat, E. & G. Stevens. 2001. Biodiversity assessment manual for the Hudson River estuary corridor. New York State Department of Environmental Conservation, New Paltz, New York. 508 p. \*
- Connors, L.M., E. Kiviat, P.M. Groffman & R.S. Ostfeld. 2000. Muskrat (*Ondatra zibethicus*) disturbance to vegetation and potential net nitrogen mineralization and nitrification rates in a fresh-tidal marsh. *American Midland Naturalist* 143:53-63. \*
- Kiviat, E., G. Stevens, R. Brauman, S. Hoeger, P.J. Petokas & G.G. Hollands. 2000. Restoration of wetland and upland habitat for Blanding's turtle. *Chelonian Conservation and Biology* 3(4):650-657. \*
- Meyerson, L.A., K. Saltonstall, L. Windham, E. Kiviat & S. Findlay. 2000. A comparison of *Phragmites australis* in freshwater and brackish marsh environments in North America. *Wetlands Ecology and Management* 8(2-3):89-103. \*
- van Hoewyk, D., P.M. Groffman, E. Kiviat, G. Mihocko and G. Stevens. 2000. Soil nitrogen dynamics in organic and mineral soil calcareous wetlands in eastern New York. *Soil Science Society of America Journal* 64(6):2168-2173. \*
- Barbour, J.G. & E. Kiviat. 1997. Introduced purple loosestrife as host of native Saturniidae (Lepidoptera). *Great Lakes Entomologist* 30(3):115-122. \*
- Kiviat, E. 1997. The book of swamp and bog; Trees, shrubs, and wildflowers of eastern freshwater wetlands. J. Eastman. *Canadian Field-Naturalist* 111(4):699. (Book review.)
- Kiviat, E. 1997. Blanding's turtle habitat requirements and implications for conservation in Dutchess County, New York. P. 377-382 in J. Van Abbema, ed. *Proceedings: Conservation, Restoration, and Management of Tortoises and Turtles - an International Conference*. New York Turtle and Tortoise Society and Wildlife Conservation Society Turtle Recovery Program. \*
- Krause, L.H., C. Rietsma & E. Kiviat. 1997. Terrestrial insects associated with *Phragmites australis*, *Typha angustifolia*, and *Lythrum salicaria* in a Hudson River tidal marsh. P. V-1 to V-35 in W.C. Nieder & J.R. Waldman, eds. *Final Reports of the Tibor T. Polgar Fellowship Program 1996*. Hudson River Foundation and New York State Department of Environmental Conservation - Hudson River National Estuarine Research Reserve.
- Winogron, H.G. & E. Kiviat. 1997. Invasion of *Phragmites australis* in the tidal marshes of the Hudson River. P. VI-1 to VI-29 in W.C. Nieder & J.R. Waldman, eds. *Final Reports of the Tibor T. Polgar Fellowship Program 1996*. Hudson River Foundation and New York State Department of Environmental Conservation - Hudson River National Estuarine Research Reserve.
- Kiviat, E. 1996. The Everglades handbook; Understanding the ecosystem. T.E. Lodge. *Canadian Field-Naturalist* 110(3):567-568. (Book review.)
- Rozycki, C. & E. Kiviat. 1996. A low density, tidal marsh, painted turtle population. P. V-1 to V-35 in E.A. Blair & J.R. Waldman, eds. *Final Reports of the Tibor T. Polgar Fellowship Program 1995*. Hudson River Foundation and New York State Department of Environmental Conservation - Hudson River National Estuarine Research Reserve.
- Kiviat, E. 1996. American goldfinch nests in purple loosestrife. *Wilson Bulletin* 108(1):182-186. \*
- Kiviat, E. & J.G. Barbour. 1996. Wood turtles in fresh-tidal habitats of the Hudson River. *Canadian Field-Naturalist* 110(2):341-343. \*
- Groffman, P.M., Hanson, G.C., E. Kiviat & G. Stevens. 1996. Variation in microbial biomass and activity in four different wetland types. *Soil Science Society of America Journal* 60:622-629. \*
- Sharma, V. & E. Kiviat. 1994. Habitats of the monkeyflowers *Mimulus alatus* and *Mimulus ringens* on the Hudson River. P. V-1 to V-36 in E.A. Blair & J.R. Waldman, eds. *Final Reports of the Tibor*

- T. Polgar Fellowship Program 1992. Hudson River Foundation and New York State Department of Environmental Conservation - Hudson River National Estuarine Research Reserve.
- Leonardi, L. & E. Kiviat. 1990. Bryophytes of the Tivoli Bays tidal swamps. P. III-1 to III-23 in J.R. Waldman & E.A. Blair, eds. Final Reports of the Tibor T. Polgar Fellowship Program 1989. Hudson River Foundation and New York State Department of Environmental Conservation - Hudson River National Estuarine Research Reserve.
- Kiviat, E. 1989. The role of wildlife in estuarine ecosystems. P. 437-475 in J.W. Day, et al. Estuarine Ecology. John Wiley & Sons, New York.
- Kiviat, E. 1988. The northern Shawangunk Mountains; An ecological survey. Mohonk Preserve, New Paltz NY. 107 p.
- Kiviat, E. 1987. Common reed (*Phragmites australis*). P. 22-30 in D. Decker & J. Enck, eds. Exotic Plants with Identified Detrimental Impacts on Wildlife Habitats in New York State. New York Chapter, Wildlife Society.
- Kiviat, E. 1987. Water chestnut (*Trapa natans*). P. 31-38 in D. Decker & J. Enck, eds. Exotic Plants with Identified Detrimental Impacts on Wildlife Habitats in New York State. New York Chapter, Wildlife Society.
- Klemens, M.W., E. Kiviat & R.E. Schmidt. 1987. Distribution of the northern leopard frog, *Rana pipiens*, in the lower Hudson and Housatonic river valleys. Northeastern Environmental Science 6(2):99-101. \*
- Barbour, S. & E. Kiviat. 1986. A survey of Lepidoptera in Tivoli North Bay (Hudson River Estuary). P. IV-1 to IV-26 in J.C. Cooper, ed. Polgar Fellowship Reports of the Hudson River National Estuarine Sanctuary Program, 1985. New York State Department of Environmental Conservation, Hudson River Foundation, and U.S. Department of Commerce.
- Westad, K.E. & E. Kiviat. 1986. Flora of freshwater tidal swamps at Tivoli Bays Hudson River National Estuarine Sanctuary. P. III-1 to III-20 in J.C. Cooper, ed. Polgar Fellowship Reports of the Hudson River National Estuarine Sanctuary Program, 1985. New York State Department of Environmental Conservation, Hudson River Foundation, and U.S. Department of Commerce.
- Kiviat, E., R.E. Schmidt & N. Zeising. 1985. Bank swallow and belted kingfisher nest in dredge spoil on the tidal Hudson River. Kingbird 35(1):3-6.
- Kiviat, E. & J. Stapleton. 1983. *Bufo americanus* (American Toad): Estuarine habitat. Herpetological Review 14(2):46.
- Kiviat, E. 1982. Turtles: perspectives and research. M. Harless & H. Morlock, eds. Herpetological Review 13(3):100. (Book review.)
- Kiviat, E. 1982. Eastern bluebird remote natural nest sites. Kingbird 32(1):6-8.
- Kiviat, E. 1982. Black-capped chickadees eating giant ragweed seeds. Kingbird 32(1):25-26.
- Kiviat, E. 1982. Geographic distribution [Five locality records from Jekyll Island, Georgia]: *Rana grylio* (pig frog), *Scaphiopus holbrooki holbrooki* (eastern spadefoot), *Cnemidophorus sexlineatus sexlineatus* (six-lined racerunner), *Eumeces inexpectatus* (southeastern five-lined skink), *Opheodrys aestivus* (rough green snake). Herpetological Review 13(2):51-53.
- Kiviat, E. 1981. Hudson River estuary shore zone annotated natural history bibliography with index. Scenic Hudson, Poughkeepsie, NY. 76 p.
- Kiviat, E. 1981. A Hudson River fresh-tidal marsh: management planning. Restoration and Management Notes 1(1):14-15.
- Kiviat, E. 1980. A Hudson River tidemars snapping turtle population. Transactions of the Northeast Section, the Wildlife Society 37:158-168. \*
- Stone, W.B., E. Kiviat & S.A. Butkas. 1980. Toxicants in snapping turtles. New York Fish and Game Journal 27(1):39-50.
- Stapleton, J. & E. Kiviat. 1979. Rights of birds and rights of way: Vegetation management on a railroad causeway and its effect on breeding birds. American Birds 33(1):7-10.

- Kiviat, E. 1978. Bog turtle habitat ecology. *Bulletin of the Chicago Herpetological Society* 13(2):29-42.
- Kiviat, E. 1978. Hudson River east bank natural areas, Clermont to Norrie. Nature Conservancy, Arlington, Va. 115 p.
- Kiviat, E. 1978. Vertebrate use of muskrat lodges and burrows. *Estuaries* 1:196-200. \*
- Kiviat, E. & D.C. Buso. 1977. Geographic distribution: *Graptemys geographica* (map turtle). *Herpetological Review* 8 (3):84.
- Kiviat, E. 1976. Goldenclub, a threatened plant in the tidal Hudson River. Paper 21, 13 p. in Fourth Symposium on Hudson River Ecology. Hudson River Environmental Society, Bronx, NY.
- Kiviat, E. 1976. A symbol for individuals not adult males. *American Birds* 29(4):818.
- Kiviat, E. 1976. Birds and mammals of the Thompson Pond Preserve. Paper 5, 13 p. in P.S. Busch, ed. *The Ecology of Thompson Pond in Dutchess County, New York*. Nature Conservancy, Boston, MA.
- Kiviat, E. & N. Zeising. 1976. The wetland flora of Thompson Pond, New York. Paper 4, 28 p. in P.S. Busch, ed. *The Ecology of Thompson Pond in Dutchess County, New York*. Nature Conservancy, Boston, MA.
- Kiviat, E. 1974. A fresh-water tidal marsh on the Hudson, Tivoli North Bay. Paper 14, 33 p. in Third Symposium on Hudson River Ecology. Hudson River Environmental Society, Bronx, NY.

### **Popular Publications (selected)**

- Kiviat, E. 2016. Shrubland for northeastern biodiversity: A critique of the young forest initiative. *News from Hudsonia* 30(2):1-3, 6.
- Kiviat, E. 2016. Long distance impacts of cheap gas. *News from Hudsonia* 30(1):1-1-3, 10.
- Kiviat, E. 2016. Two urban gems under threat. *News from Hudsonia* 30(1):4-5, 9.
- Kiviat, E. Conservation of urban biodiversity. *Hudsonia*. Large format tri-fold color brochure.
- Kiviat, E. Amphibians and reptiles of the Hudson River estuary. *Hudsonia*. Large format tri-fold color brochure.
- Kiviat, E. 2015. In the pipeline: Biodiversity and gas transmission. *News from Hudsonia* 29(1):1-3, 8-10.
- Kiviat, E. Beautiful wildflowers of the Hudson River estuary. *Hudsonia*. Large format tri-fold color brochure.
- Kiviat, E. 2014. Field stations, research, and the magic well of nature. *News from Hudsonia* 28(2):1-3, 8-9.
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