

Brief Biodiversity Summaries of Hudsonia Reports

Prepared for City of Kingston/Town of Ulster Biodiversity Assessment Training group
By Ryan Gardner, Hudsonia, February 2009

Kiviat, E. 2002. **Biological Reconnaissance, Shott Rock Mine, Town of Saugerties, Ulster County, New York.** Report to Citizens Action for Residential Environments in Saugerties. Hudsonia Ltd., Annandale, NY. 4 p.

Important species: small-flowered agrimony, spiny coontail, small bladderwort, winged monkeyflower,

Important habitats: calcareous habitats, wetlands,

Potential habitat for: rare mosses, green rock cress, violet bush-clover, falcate orange-tip (butterfly), wood turtle, eastern hognose snake, northern copperhead.

Stevens, G. 2000. **Rare Plant and Cricket Frog Surveys at Esopus and Mirror Lakes.** Report to ORDA Management, Inc. Hudsonia Ltd., Annandale, NY. 9 p.

Important species: Bush's sedge, field dodder, southern dodder, round-leaved dogwood, river birch, olivaceous spikerush, globe-fruited ludwigia, creeping bladderwort, horned bladderwort, hiddenfruit bladderwort, spiny coontail, Virginia three-seeded mercury, lyre-leaved rock cress, Long's bittercress

Important habitats: hardwood swamp, circumneutral bog lake, wet meadow

Kiviat, E. 1995. **Biological Assessment, Shaupeneak Mountain, Town of Esopus, Ulster County, New York.** Report to Scenic Hudson, Inc. Hudsonia Ltd., Annandale, NY. 17 p.

Important species: walking fern, yellow harlequin, Dutchman's breeches, red trillium, red-berried elder, American mountain-ash, gooseberry, Jefferson salamander, spotted salamander, wood frog,

Important habitats: cliff-scrub-talus, woodland pools, pond

Possible habitat for: buckbean, land snails, falcate orange-tip, marbled salamander, northern cricket frog, black racer, black rat snake, eastern hognose snake, northern copperhead, American black duck, mallard, wood duck, ring-necked duck, northern raven

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Barbour, S. 1994. **Rare species at Anchorage Farm Town of Saugerties, Ulster County, New York.** Hudsonia Ltd., Annandale, NY. 2 p.

Important species: winged monke flower, Schreber's aster, strap leaf arrowhead, tawny emperor (butterfly)

Important habitats: tidal mouth, rocky gorge, wooded floodplain, perennial stream

Kiviat, E. 1993. **Sleightsburg Spit, Town of Esopus, Ulster County, New York: Preliminary Ecological Survey.** Report to Town of Esopus and Scenic Hudson, Inc. Hudsonia Ltd., Annandale, NY. 11 p.

Important species: eastern cottonwood, Frank's sedge, purple giant hyssop, strap-leaf arrowhead, kidneyleaf mud-plantain fish crow, black-crowned night heron

Important habitats: supratidal forest, supratidal swamp, supratidal pool

Possible habitat for: heartleaf plantain, smooth bur-marigold, bald eagle, osprey, anadromous fishes, Baltimore (butterfly), least bittern, waterfowl concentration area

Barbour, S. 1991. **Rare Plants and Significant Habitats Survey on the Lower Beaver Kill Corridor, Town of Saugerties, Ulster County, New York.** Report to Town of Saugerties. Hudsonia Ltd., Annandale, NY. 23 p.

Important species: squarrose sedge, hairy-fruit sedge, porcupine sedge, three-way sedge, small-flowered agrimony, winged monkeyflower, mud-hyssop, violet bush-clover, great lobelia, green dragon, Virginia germander, water stargrass, sneezeweed, cardinal flower, wild senna, whorled milkwort, broad-leaved tearthumb, Appalachian blue (butterfly), snout (butterfly), hackberry emperor (butterfly), wood turtle

Important habitats: floodplain meadow, floodplain forest, floodplain shrubland, old field, beaver pool

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Barbour, S. 1991. **Rare Plants and Significant Habitats Survey on the Ulster County Alternative Landfill Site 2 (Winston Farm), Town of Saugerties, Ulster County, New York.** Report to Town of Saugerties. Hudsonia Ltd., Annandale, NY. 24 p.

Important species: squarrose sedge, crested sedge, small-flowered agrimony, winged monkeyflower, green rock cress, wild germander, sneezeweed, Venus' looking glass, falcate orange-tip (butterfly)

Important habitats: oldfields and hayfields, wet meadow, mesic cove, xerophytic shale crest, perennial stream

Possible habitat for: false hop sedge, Bush's sedge, small white aster, water arum

Barbour, S. 1991. **Rare Plants and Significant Habitats Survey on the Ulster County Alternative Landfill Site 3 (Mount Marion), Town of Saugerties, Ulster County, New York.** Report to Town of Saugerties. Hudsonia Ltd., Annandale, NY. 22 p.

Important species: sensitive fern, marsh fern, squarrose sedge, crested sedge, hairy fruit sedge, seedbox, closed gentian, fragrant sumac, *Marsonia decepta* (aquatic snail), *Pisidium adamsi* (fingernail clam)

Important habitats: wetlands, stream, bluestem-blueberry uplands, clay meadow, oldfield, limestone outcrop

Possible habitat for: sedge wren, sedge skipper, wood turtle, box turtle, grasshopper sparrow, Henslow's sparrow, golden-winged warbler, eastern bluebird

Barbour, S. 1991. **Rare Plants and Significant Habitats Survey on the Ulster County Alternative Landfill Site 6 (Asbury), Town of Saugerties, Ulster County, New York.** Report to Town of Saugerties. Hudsonia Ltd., Annandale, NY. 24 p.

Important species: retrorse sedge, squarrose sedge, winged monkeyflower, mud-hyssop, green dragon, seedbox, spreading goldenrod, leafy bulrush, gerardia, crested sedge, spikemoss, fringed gentian

Important habitats: wetlands, hayfields and oldfields, floodplain, uplands

Possible habitat for: Baltimore (butterfly), Appalachian blue (butterfly), orange-tip falcate (butterfly), sedge skipper (butterfly), northern dusky salamander, spring salamander, eastern hognose snake, box turtle, spotted turtle, wood turtle, eastern bluebird, northern harrier, short eared owl, grasshopper sparrow, Henslow's sparrow, vesper sparrow, golden-winged warbler, sedge wren

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Kiviat, E. and K. Westad. 1989. **Ecological Survey of the Site of a Proposed Boardwalk at the Saugerties Lighthouse, Ulster County, New York.** A Report to the Heritage Task Force on the Hudson River Valley. Hudsonia Ltd., Annandale, NY. 11 p.

Important species: spongy arrowhead, strap-leaf arrowhead, mud-plantain, river birch, goldenclub, shortnose sturgeon, least bittern, king rail, diving duck, common barn-owl, marsh wren

Important habitats: intertidal marsh, jetty, tidal swamp, tidal flats

Possible habitat for: blunt spikerush, bur-marigolds, swamp lousewort, *Bidens bidentoides*, false-pimpernel, Appalachian blue (butterfly), broad-winged skipper (butterfly), Baltimore (butterfly), harvester (butterfly), osprey, red-shouldered hawk, harbor seal