

Table III-9

NATURAL AREAS IN THE OZAUKEE COUNTY PLANNING AREA: 2005^a

Number on Map III-20	Area Name	Classification Code ^b	Location	Ownership	Size (acres)	Description and Comments
1	Fairy Chasm State Natural Area	NA-1 (SNA, RSH)	T9N, R22E Sections 32, 33 City of Mequon T8N, R22E Sections 4, 5 Village of Bayside	The Nature Conservancy and other private	47 (plus 33 in Milwaukee County)	An 80- to 100-foot-deep wooded ravine which extends approximately 1.25 miles west from its confluence with Lake Michigan. The steep slopes support white pine, white cedar, and yellow birch on the north-facing slopes and dry-mesic hard-woods on the more exposed south-facing slopes. The ravine has special significance because cold air drainage enables several plant species with more northerly affinities to occur this far south. The flora includes the State-designated endangered pine-drops (<i>Pterospora andromedea</i>). The area extends south into Milwaukee County
2	Kurtz Woods State Natural Area	NA-1 (SNA, RSH)	T10N, R21E Section 1 Town of Grafton and Village of Saukville	Ozaukee Washington Land Trust other private	70	A mature southern mesic hard-woods that is a remnant of the once-extensive pre-settlement forest which covered this part of the Region. Dominated by sugar maple, beech, and white ash, with a moderately rich ground flora. Several small, dry kettle depressions are present. The woods have been undisturbed for at least 60 years. The younger woods to the southeast are important as a buffer
3	Riveredge Creek and Ephemeral Pond State Natural Area	NA-1 (SNA, RSH)	T11N, R21E Sections 7, 8 Town of Saukville	Riveredge Nature Center and other private	97	Second-order streams of exceptionally high water quality, fed by three first-order branches, all of which are spring-fed. Contains a stable, well-balanced, diverse fauna. Surrounding vegetation is a complex of second-growth northern wet-mesic forest, conifer swamp, shrub-carr, alder thicket, and young maple-beech and aspen woods. Contains a good population of the forked aster (<i>Aster furcatus</i>), a State-designated threatened species
4	Cedarburg Bog State Natural Area	NA-1 (SNA, RSH)	T11N, R21E Sections 19, 20, 21, 28, 29, 30, 31, 32, 33 Town of Saukville	Department of Natural Resources, University of Wisconsin-Milwaukee, Ozaukee-Washington Land Trust (easement) and other private	2,009	One of the largest and least disturbed bogs in eastern Wisconsin, containing an extensive conifer swamp forest, open bog, a shallow hard-water drain-age lake, and mesic woods on isolated islands. A portion of the area contains a string bog, characterized by noticeable ridges running perpendicular to water flow. This is the southernmost example in the world. The very high species diversity includes a large number of regionally rare species, many of which are northern relicts. A National Natural Landmark
5	Sapa Spruce Bog State Natural Area	NA-1 (SNA, RSH)	T11N, R21E Section 30 Town of Saukville	University of Wisconsin-Milwaukee and private	59	High-quality acid bog dominated by black spruce at one of its southernmost locations in Wisconsin. The rich, diverse flora includes at least six species of sphagnum moss
6	Huiras Lake Woods and Bog State Natural Area ^c	NA-1 (SNA)	T12N, R21E Sections 8, 9, 10, 16 Town of Fredonia	Milwaukee Jewish Welfare Fund, Ozaukee Washington Land Trust, and other private	435	Large lowland and upland forested area that has been relatively undisturbed since last cut. A bog is located in the southern portion. Good diversity of tree and ground-layer species. The small, landlocked seepage lake is valuable for waterfowl migration and nesting. A number of northern relict species are present
--	Subtotal	NA-1	6 sites	--	2,717	--
7	Cedarburg Beech Woods State Natural Area	NA-2 (SNA, RSH)	T11N, R21E Section 30 Town of Saukville	University of Wisconsin-Milwaukee and private	130	Good-quality, mature, beech- and sugar maple-dominated southern mesic forest in a moraine area of low gravelly hills and kettle holes. Disturbance, including past selective logging and grazing, appears to be minimal. Grades into lowland forest to north and northeast. Historic-ally a site of scientific research

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8	Pigeon Creek Low and Mesic Woods	NA-2 (RSH)	T9N, R21 E Section 10 City of Mequon	Private	81	A combination of lowland hardwoods, wet-mesic woods, and upland mesic woods, much of which borders the cold, clear fast waters of Pigeon Creek. On the grounds of a former fox farm. Contains the State-designated endangered heart-leaved plantain (<i>Plantago cordata</i>), as well as the State-designated threatened snow trillium (<i>Trillium nivale</i>) and forked aster (<i>Aster furcatus</i>)
9	Donges Bay Gorge	NA-2 (RSH)	T9N, R22E Section 33 City of Mequon	Private	22	A deep, steep-sided clay ravine on the Lake Michigan shore, containing a white pine and beech forest. Northern relict species are present. The area has suffered from erosion, encroaching residential development, and over-grazing by deer
10	Milwaukee River Mesic Woods	NA-2 (RSH)	T11N, R21E Section 3 Town of Saukville T12N, R21E Section 34 Town of Fredonia and the Village of Fredonia	Ozaukee County, Girl Scouts of Milwaukee Area, Inc., and other private	382	Morainal deposits along a two-mile stretch of the Milwaukee River support moderate- to good-quality upland mesic woods, with lowland hardwoods in depressions. Species diversity is generally good throughout
11	Ducks Limited Bog	NA-2	T11N, R21E Section 5 Town of Saukville	Ducks Limited and other private	21	Good-quality sphagnum bog on north side of a shallow lake and bordered by a deep moat. Typical acid-bog species present include leatherleaf, round-leaved sundew, snake-mouth orchid, grass-pink orchid, bog rosemary, blueberry, winterberry, pitcher plant, and cranberry. Area south of lake is more disturbed
12	Riveredge Mesic Woods	NA-2 (RSH)	T11N, R21E Sections 6, 7 Town of Saukville	Riveredge Nature Center and other private	212	Good-quality regenerating stand of mesic woods and lowland hardwoods bordering the Milwaukee River. Trees are medium-aged. A variety of habitats supports a rich species complement, including several uncommon species. Disturbed by highway and residences in the southern portion of the woods. Area north of Milwaukee River is wetter and more disturbed. Much of woods owned by Riveredge Nature Center
13	Kinnamon Conifer Swamp	NA-2 (RSH)	T11N, R21E Sections 18, 19 Town of Saukville	Private	382	A large wooded lowland, containing a combination of good-quality northern wet-mesic forest of white cedar and northern hardwoods swamp of black ash. Low glacial ridges within the swamp support mesic upland woods. Past disturbance appears, overall, to be minimal. The good, diverse northern understory includes a number of regionally uncommon species
14	South Conifer Swamp	NA-2	T11N, R21E Section 20 Town of Saukville	Private	52	Good-quality conifer swamp containing typical northern species. One of the few sites in the Region in which black spruce is present. Small lake is bordered by a narrow cattail fringe. Contains headwaters of Cedarburg Bog
15	Max's Bog	NA-2 (RSH)	T11N, R21E Section 20 Town of Saukville	Private	30	Two small, undeveloped, shallow lakes surrounded by good-quality bog mats. The area contains a number of species with more northern affinities
16	Janik's Woods	NA-2 (RSH)	T12N, R21E Sections 29, 30 Town of Fredonia	Private	163	A relatively large, good-quality woodlot that is recovering from past disturbance. Southern portion is an upland containing medium-aged red oak, sugar maple, and basswood, with a diverse ground flora. Lowland hard-woods to the north contain scattered conifers
17	Harrington Beach Lacustrine Forest	NA-2	T12N, R23E Section 19 Town of Belgium	Department of Natural Resources	178	Moderate- to good-quality mature second-growth northern wet-mesic forest, located just west of the shoreline beach ridge. Dominant trees include green and black ashes, bass-wood, and white cedar. This is a regionally rare community type, heavily used by migratory birds
18	Myra Wetlands	NA-2	T11N, R20E Section 15 Town of Trenton	Private	69	Good-quality wetland complex of shallow lake, marsh, sedge meadow, shrub-carr, and lowland hardwoods
--	Subtotal	NA-2	12 sites	--	1,722	--

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19	Highland Road Woods	NA-3	T9N, R21E Section 11 City of Mequon	City of Mequon	53	Mesic woods of moderate quality dominated by sugar maple, beech, and basswood. Low areas contain ephemeral ponds
20	Pigeon Creek Maple Woods	NA-3 (RSH)	T9N, R21E Section 15 City of Mequon	Private	13	A small but good-quality mesic woods on sloping uplands above Pigeon Creek. Ground flora is very rich and diverse, including a large population of twinleaf (<i>Jeffersonia diphylla</i>), a State-designated special concern species
21	Solar Heights Low Woods	NA-3	T9N, R21E Sections 20, 21 City of Mequon	City of Mequon and private	114	Disturbed floodplain forest dominated by red and silver maples and yellow birch. Changing water levels and Dutch elm disease have altered the canopy. Native species diversity is low, and exotic species are proliferating
22	Triple Woods	NA-3	T9N, R21E Section 31 City of Mequon	Private	51	Upland mesic forest of sugar maple and beech. Despite past logging, the spring flora is relatively diverse. Offers protection to tributaries of the Little Menomonee River
23	Ville du Parc Riverine Forest	NA-3	T9N, R22E Sections 18, 19 City of Mequon	City of Mequon and private	111	One of the last remnants of riverine forest along this portion of the Milwaukee River. Contains old river channels. The woods is mostly second-growth, with a mixture of upland and lowland species
24	Mequon Wetland	NA-3	T9N, R22E Section 20 City of Mequon	Private	77	A mixed wetland area consisting of deep and shallow marsh, fresh (wet) meadow, shrub-carr, and young wet to wet-mesic lowland hardwoods. Wetland filling and water-level changes due to ditching and channel realignment have disturbed the area
25	Mole Creek Swamp	NA-3 (RSH)	T10N, R21E Section 2 Town of Cedarburg	City of Cedarburg, Town of Cedarburg, and private	89	Primarily a disturbed, low, wooded area bordering Mole Creek, dominated by green ash, alder, and red-osier dogwood
26	Cedar-Sauk Low Woods	NA-3	T10N, R21E Sections 5, 6 Town of Cedarburg T11N, R21E Section 31 Town of Saukville T11N, R20E Section 36 Town of Trenton	Private	204 (plus 14 in Washington County)	Lowland hardwood forest of silver maple, green and black ash, and American elm, with evidence of abundant past disturbances, including grazing, power-line right-of-way, and two highways. Stream flows through area from Cedarburg Bog
27	Grafton Woods	NA-3 (RSH)	T10N, R21E Sections 13, 18 Town of Grafton	Ozaukee-Washington Land Trust and other private	18	Small mesic woods on east side of Milwaukee River. Despite history of grazing and selective cutting, has a good species diversity, including American gromwell (<i>Lithospermum latifolium</i>), a State-designated special concern species
28	Sherman Road Woods	NA-3	T10N, R21E Section 19 Town of Cedarburg	Private	72	Lowland hardwood forest with much second growth due to past grazing
29	Five Corners Swamp	NA-3	T10N, R21E Section 20 Town of Cedarburg	Wisconsin Department of Natural Resources and private	173	A large lowland hardwood forest that is suffering from disturbance, including selective cutting and a network of wide trails. Dominant trees are red and silver maples and cottonwood. A wind-storm in June 1991 snapped or uprooted a large number of mature trees
30	Cedar Creek Forest	NA-3 (RSH)	T10N, R21E Section 23 Town of Cedarburg	Private	23	Sugar maple and beech woods on west bank of Cedar Creek. Threatened by encroaching residential development
31	Cedar Heights Gorge	NA-3	T10N, R22E Section 4 City of Port Washington	Private	9	Disturbed, narrow, steep-sided gorge leading to Lake Michigan. Almost complete dominance by white cedar
32	Lions Den Gorge	NA-3	T10N, R22E Section 10 Town of Grafton	Ozaukee County	20	Deep ravine on Lake Michigan shore. Dominated by white cedar and hardwoods, with a relatively good-quality herb layer, including a few northern relicts

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33	Ulao Lowland Forest	NA-3 (RSH)	T10N, R22E Sections 4, 5, 8, 9, 17 Town of Grafton Section 4 City of Port Washington	Private	347	A large lowland hardwoods area, dominated by red and silver maples and black ash. Adversely affected by changing water levels, selective cutting, and Dutch elm disease, which have opened the canopy. Marshy stands occur throughout. Forked aster (<i>Aster furcatus</i>), a critical plant species, is found in the area.
34	Hansen's Lake Wetland	NA-3	T11N, R21E Section 4 Town of Saukville	Private	13	Small but good-quality lake surrounded by cattails, shrub-carr, and lowland hardwoods, with scattered tamaracks. Lake is stocked with bluegills
35	Knollwood Road Bog	NA-3	T11N, R21E Section 19 Town of Saukville	Private	9	Small lake surrounded by a sphagnum mat, shallow marsh, and lowland hardwoods
36	Hawthorn Drive Forest	NA-3	T11N, R22E Section 6 Town of Port Washington	Private	54	Wet-mesic red maple and American elm forest, with an upland forest of red oak, beech, and basswood to the south. Canopy has been opened by disease and logging
37	Spring Lake Marsh	NA-3	T12N, R21E Section 2 Town of Fredonia	Private	19	Good-quality wetland complex bordering a clear, shallow lake. Good habitat diversity includes shrub-carr, sedge meadow, shallow marsh, and cedar-tamarack swamp
38	Spring Lake Beech Forest	NA-3	T12N, R21E Section 2 Town of Fredonia	Private	65	Small mesic hardwood forest dominated by small- to medium-sized beech, sugar maple, basswood, and white ash, with a long history of selective cutting
39	County Line Low Woods	NA-3	T12N, R21E Sections 4, 5 Town of Fredonia T13N, R21E Sections 32, 33 Town of Sherman	Private	214 (plus 58 in Sheboygan County)	Large but mostly young lowland hard-woods of mixed composition and having history of disturbance. Many openings in canopy allow dense undergrowth. Extends north into Sheboygan County
40	Beekeeper Bog	NA-3	T12N, R21E Section 5 Town of Fredonia	Ozaukee County and private	15	Good example of a typical kettle-hole bog with shallow water, shrub-carr, and northern wet-mesic white cedar forest. The southeastern portion has been ditched. Contains a good number of species with more northerly affinities
41	Department of Natural Resources Lowlands	NA-3	T12N, R21E Section 7 Town of Fredonia	Department of Natural Resources and private	186	Primarily a disturbed lowland hardwood forest with streams. Ponds have been dredged by Department of Natural Resources
42	Pioneer Road Lowlands	NA-3	T12N, R21E Sections 8, 17 Town of Fredonia	Private	94	A low, wet woodlot with a history of disturbance. North half contains a dense stand of tamarack, cedar, and black ash, with some large individual trees. South half has large scattered trees and thick undergrowth
43	Cedar Valley Swamp	NA-3	T12N, R21E Sections 10, 11, 15 Town of Fredonia	Private	141	An irregularly shaped lowland area disturbed by Dutch elm disease, logging, and water-level changes. Dominated by black ash, red maple, and white cedar, with small areas of tamarack. A small upland island in the center contains mature trees
44	Evergreen Road Bog	NA-3 (RSH)	T12N, R21E Section 14 Town of Fredonia	Private	44	Good-quality tamarack-cedar bog, with a large sedge-shrub area to the north and upland hardwoods to the southeast. Threatened by residential development
45	Kohler Road Woods	NA-3	T12N, R21E Sections 15, 22 Town of Fredonia	Private	124	Primarily a low, wet woods of medium-aged red and silver maples, yellow birch, and black ash. South half is younger, with many cut stumps
46	Waubeka Low Woods	NA-3	T12N, R21E Sections 31, 32 Town of Fredonia	Ozaukee County, Ozaukee-Washington Land Trust, and other private	161	Primarily a wooded lowland of tamarack, black ash, and yellow birch, but with glacial ridges containing upland trees. There is a history of disturbance
47	Cedar Grove Swamp	NA-3	T12N, R22E Sections 2, 3 Town of Belgium	U.S. Fish and Wildlife Service and private	177	Extensive second-growth forest on ditched lacustrine flats with clayey soils. Dominated by red and silver maple, black ash, yellow birch, American elm, and swamp white oak. Repeatedly logged and encroached on by agriculture and ditching

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48	Belgium Swamp—North	NA-3	T12N, R22E Section 27 Town of Belgium	Private	150	An extensive, but young, lacustrine forest 2.5 miles from Lake Michigan, with American elm, black ash, and red and silver maples. Disease, logging, and windthrow have opened the canopy, permitting a brushy understory to develop
49	Belgium Swamp—South	NA-3	T12N, R22E Section 34 Town of Belgium	Private	148	Low, flat, wet forested area of black ash and silver and red maples, with some yellow birch and basswood. Old wind-falls and dead standing trees are common. There is a history of disturbance, resulting in a very open and brushy appearance
50	Green Lake Bog	NA-3	T12N, R20E Section 34 Town of Farmington	Private	19	Small but good-quality undeveloped bog lake bordered by sphagnum mat, conifer swamp, and mesic hardwoods
--	Subtotal	NA-3	32 sites	--	3,007	--
--	Total	All Natural Areas	50 sites	--	7,446	--

^a Inventory conducted in 1994; ownership information updated in 2005.

^bNA-1 identifies Natural Area sites of statewide or greater significance.
NA-2 identifies Natural Area sites of countywide or regional significance.
NA-3 identifies Natural Area sites of local significance.

SNA, or State Natural Area, identifies those sites officially designated as State Natural Areas by the State of Wisconsin Natural Areas Preservation Council. SNA boundaries follow legal parcel lines and are generally not the same as NA boundaries, which follow ecological boundaries.
RSH, or Rare Species Habitat, identifies those sites which support rare, threatened, or endangered animal or plant species officially designated by the Wisconsin Department of Natural Resources.

^cThe Huiras Lake Woods and Bog Natural Area was designated a State Natural Area in 2002.

Source: Wisconsin Department of Natural Resources and SEWRPC.