

MNBBA Reference Card: Reporting Types

SPECIES	SCI	CW	V	SPECIES	SCI	CW	V	SPECIES	SCI	CW	V	SPECIES	SCI	CW	V	SPECIES	SCI	CW	V
Canada Goose				Broad-winged Hawk				Downy Woodpecker				Hermit Thrush				Lincoln's Sparrow			
Mute Swan			X	Swainson's Hawk	X			Hairy Woodpecker				Wood Thrush				Swamp Sparrow			
Trumpeter Swan	X			Red-tailed Hawk				American Three-toed Woodpecker	X			American Robin				White-throated Sparrow			
Wood Duck				American Kestrel				Black-backed Woodpecker	X			Gray Catbird				Dark-eyed Junco			
Gadwall				Merlin				Northern Flicker				Northern Mockingbird			X	Chestnut-collared Longspur			X
American Wigeon				Peregrine Falcon	X			Pileated Woodpecker				Brown Thrasher				Northern Cardinal			
American Black Duck	X			Yellow Rail	X			Olive-sided Flycatcher	X			European Starling				Rose-breasted Grosbeak			
Mallard				King Rail		X		Western Wood-Pewee			X	Sprague's Pipit		X		Blue Grosbeak			
Blue-winged Teal				Virginia Rail				Eastern Wood-Pewee				Cedar Waxwing				Indigo Bunting			
Northern Shoveler				Sora				Yellow-bellied Flycatcher				Blue-winged Warbler				Dickcissel			
Northern Pintail	X			Common Moorhen	X			Acadian Flycatcher	X			Golden-winged Warbler	X			Bobolink			
Green-winged Teal				American Coot				Alder Flycatcher				Tennessee Warbler	X			Red-winged Blackbird			
Canvasback	X			Sandhill Crane				Willow Flycatcher				Nashville Warbler				Eastern Meadowlark			
Redhead				Snowy Plover			X	Least Flycatcher				Northern Parula				Western Meadowlark			
Ring-necked Duck				Piping Plover			X	Eastern Phoebe				Yellow Warbler				Yellow-headed Blackbird			
Lesser Scaup				Killdeer				Great Crested Flycatcher				Chestnut-sided Warbler				Rusty Blackbird			X
Bufflehead				American Avocet			X	Western Kingbird	X			Magnolia Warbler				Brewer's Blackbird			
Common Goldeneye				Spotted Sandpiper				Eastern Kingbird				Cape May Warbler				Common Grackle			
Hooded Merganser				Solitary Sandpiper			X	Loggerhead Shrike			X	Black-throated Blue Warbler	X			Great-tailed Grackle			
Common Merganser				Willet			X	White-eyed Vireo			X	Yellow-rumped Warbler				Brown-headed Cowbird			
Red-breasted Merganser				Upland Sandpiper	X			Bell's Vireo	X			Black-throated Green Warbler				Orchard Oriole			
Ruddy Duck				Marbled Godwit	X			Yellow-throated Vireo				Blackburnian Warbler				Baltimore Oriole			
Gray Partridge				Wilson's Snipe				Blue-headed Vireo				Yellow-throated Warbler			X	Purple Finch			
Ring-necked Pheasant				American Woodcock	X			Warbling Vireo				Pine Warbler				House Finch			
Ruffed Grouse				Wilson's Phalarope			X	Philadelphia Vireo	X			Palm Warbler				Red Crossbill			X
Spruce Grouse	X			Little Gull			X	Red-eyed Vireo				Bay-breasted Warbler	X			White-winged Crossbill			X
Sharp-tailed Grouse	X			Franklin's Gull		X		Gray Jay				Cerulean Warbler	X			Pine Siskin			
Greater Prairie-Chicken	X			Ring-billed Gull		X		Blue Jay				Black-and-White Warbler				American Goldfinch			
Wild Turkey				Herring Gull	X			Black-billed Magpie				American Redstart				Evening Grosbeak	X		
Northern Bobwhite			X	Caspian Tern			X	American Crow				Prothonotary Warbler	X			House Sparrow			
Common Loon				Black Tern			X	Common Raven				Ovenbird							
Pied-billed Grebe				Common Tern			X	Horned Lark				Northern Waterthrush							
Horned Grebe			X	Forster's Tern		X		Purple Martin	X			Louisiana Waterthrush			X				
Red-necked Grebe		X		Rock Pigeon				Tree Swallow				Kentucky Warbler			X				
Eared Grebe		X		Eurasian Collared-Dove				Northern Rough-winged Swallow				Connecticut Warbler	X						
Western Grebe		X		Mourning Dove				Bank Swallow				Mourning Warbler							
Clark's Grebe			X	Yellow-billed Cuckoo				Cliff Swallow				Common Yellowthroat							
American White Pelican		X		Black-billed Cuckoo				Barn Swallow				Hooded Warbler	X						
Double-crested Cormorant		X		Barn Owl			X	Black-capped Chickadee				Wilson's Warbler	X						
American Bittern				Eastern Screech Owl				Boreal Chickadee	X			Canada Warbler	X						
Least Bittern	X			Great Horned Owl				Tufted Titmouse	X			Yellow-breasted Chat			X				
Great Blue Heron		X		Northern Hawk Owl			X	Red-breasted Nuthatch				Summer Tanager			X				
Great Egret		X		Burrowing Owl			X	White-breasted Nuthatch				Scarlet Tanager							
Snowy Egret			X	Barred Owl				Brown Creeper				Eastern Towhee							
Little Blue Heron			X	Great Gray Owl	X			Rock Wren			X	Chipping Sparrow							
Cattle Egret			X	Long-eared Owl				Carolina Wren			X	Clay-colored Sparrow							
Green Heron		X		Short-eared Owl	X			House Wren				Field Sparrow							
Black-crowned Night Heron		X		Boreal Owl	X			Winter Wren				Vesper Sparrow							
Yellow-crowned Night Heron			X	Northern Saw-whet Owl				Sedge Wren				Lark Sparrow	X						
Turkey Vulture				Common Nighthawk	X			Marsh Wren				Lark Bunting			X				
Osprey				Whip-poor-will	X			Golden-crowned Kinglet				Savannah Sparrow							
Bald Eagle	X			Chimney Swift	X			Ruby-crowned Kinglet				Grasshopper Sparrow	X						
Northern Harrier				Ruby-throated Hummingbird				Blue-gray Gnatcatcher				Baird's Sparrow			X				
Sharp-shinned Hawk				Belted Kingfisher				Eastern Bluebird				Henslow's Sparrow			X				
Cooper's Hawk				Red-headed Woodpecker	X			Mountain Bluebird			X	Le Conte's Sparrow	X						
Northern Goshawk	X			Red-bellied Woodpecker				Veery				Nelson's Sharp-tailed Sparrow							X
Red-shouldered Hawk	X			Yellow-bellied Sapsucker				Swainson's Thrush				Song Sparrow							

SCI: Species of Conservation Interest: Include the habitat code for species only when confirmed evidence of breeding is documented.

Colonial Waterbird Species: Estimate the number of adults and/or nests in the colony and give location.

Verify Species: Completion of a Verification Form is required that includes detailed notes and location information.

MNBBA Reference Card: Habitat Codes

FDX	Forest, Deciduous: deciduous species >90% of tree cover	OWX	Wetland/Water: open or shrubby (native) habitats that are wet or periodically/permanently flooded
FDU	Forest, Deciduous Upland: bur, pin, white & red oak; aspen; paper birch; sugar maple, basswood, hickory, etc.	OWB	Open Bog: ericaceous (lowland evergreen) shrubs; sphagnum
FDL	Forest, Deciduous Lowland: silver maple, green & black ash, river birch, cottonwood, swamp white oak, etc.	OWG	Sedge/Lowland Grass: includes sedges, wet prairie, red-canary
FCX	Forest, Coniferous: coniferous species >75% of tree cover	OWS	Shrub Swamp: willow, dogwood, alder, etc. (shrub cover >25%)
FCU	Forest, Coniferous Upland: pines, spruce-fir and upland white cedar	OWM	Emergent Marsh: cattails and/or bulrushes/phragmites dominant
FCL	Forest, Coniferous Lowland: tamarack, black spruce, and lowland white cedar, includes "stagnant" types with tree cover 50-70%	OWL	Lake: includes water lilies, sparse bulrush/cattail border
FMX	Forest, Mixed Deciduous and Coniferous: Coniferous species 10-75% of tree cover	OWR	River/Stream: minimum width about 5 meters (16 feet)
FMU	Forest, Mixed Upland: mix of upland deciduous and coniferous trees	OPX	Open/Non-Vegetated: native, non-vegetated habitats dominated by exposed rock, sand, mud, etc.
FML	Forest, Mixed Lowland: mix of lowland deciduous and coniferous trees	OPC	Cliff/talus: cliffs and talus slopes
SDX	Semi-Open Deciduous: deciduous species comprise >90% of woody cover	OPR	Rock Outcrop: bedrock outcrops
SDN	Semi-Open w/ Deciduous Upland Natives: oak savanna, aspen parkland; native species dominant	OPS	Shoreline/Beach/Mudflat: lake/river beach (sand, gravel, mud, rock)
SDD	Semi-Open w/Deciduous Upland Disturbed: upland cutover, burned, regenerating, upland shrub, plantation	HUX	Urban/Small Town: urban, suburban and small towns
SDL	Semi-Open w/Deciduous Lowland: lowland cutover, burned, regenerating (native shrub swamps are OWS)	HUC	Commercial/Industrial: offices, shopping centers, warehouses, factories, mostly impervious surfaces
SCX	Semi-Open Coniferous: coniferous species comprise >75% of woody cover	HUR	Residential: city, suburban, or small town residential areas with mix of lawns, trees, driveways, etc.
SCN	Semi-Open w/Coniferous Upland Natives: jack pine savanna, red cedar; native species dominant	HUO	Open Space: includes city/town parks, ball fields, golf courses; dominated by turf grasses, gravel parking areas, etc.
SCD	Semi-Open w/Coniferous Upland Disturbed: cutover, burned, regenerating, upland shrub, plantation	HRX	Rural Upland: rural uplands including farms, rural homes, and surrounding areas
SCL	Semi-Open w/Coniferous Lowland Disturbed: lowland cutover, burned, regenerating (native shrub swamps are OWS)	HRC	Cultivated/Row Crop: cultivated fields, including all row crops, small grains, etc. or recently cultivated fallow fields
SMX	Semi-Open Mixed Deciduous and Coniferous: coniferous species comprise 10-75% of woody cover	HRH	Hay: non-native grasses or alfalfa/legume/clover; has or will probably be harvested
SMN	Semi-Open w/Mixed Deciduous and Coniferous Upland Natives: native species dominant	HRP	Heavily-grazed Pasture: pastures uniformly grazed to maximum height of 1-2 inches (light to moderately grazed pastures are OGN or OGC)
SMD	Semi-Open w/Mixed Deciduous and Coniferous Upland Disturbed: cutover, burned, regenerating, upland shrub, plantation	HRF	Rural Farm/Residential: farmsteads and non-farm homes, including outbuildings, yards and small feedlots
SML	Semi-Open w/Mixed Deciduous and Coniferous Lowland Disturbed: lowland cutover, burned, regenerating	HRT	Trees/Woodlot: orchards, multi-row shelterbelts, farm woodlots (<20 acres); hybrid poplar (planted in multiple, uniform rows)
OGX	Grassland Upland: uplands dominated by herbaceous species, primarily grasses	HRG	Gravel Pit/Quarry/Mine: includes threes and other highly disturbed areas devoid of vegetation
OGN	Grassland Upland Native: includes light-moderately grazed native prairie	HRD	Roadside Ditch/Fenceline: include RR rights-of-way, transportation corridors, and adjoining fencelines & utility lines
OGC	Grassland Upland Non-native: includes light-moderately grazed non-native grass (cool season grasses)	HRM	Mosaic/Fragmented: mosaic or interspersed of multiple (3+) habitats or habitat components; no single habitat > 20 acres
OGP	Grassland Upland Planted Native: homogeneous tall, thick native grasses (usually 1-2 species)	HWX	Rural Wetland: rural, human-created or disturbed wetlands
		HWP	Stock Pond: small ponds within pastures or adjoining farmsteads
		HWS	Sewage (wastewater treatment) Lagoon: includes open water, shoreline and adjoining dikes of lagoons
		HWF	Flooded Field: flooded cultivated or fallow fields