Table - 01: Plant Species List for Mid-Boreal Lowland

Species	Common Name	Abundance	Distribution	Habitat
Agropyron pectiniforme	Crested wheat- grass	Scarce	Local	Roadsides in the central area of the Model Forest
Agropyron trachycaulum var. glaucum	Slender wheat- grass	Scarce	Local	Dry, gravelly soils, thickets in the southern half of the Model Forest
Amelanchier humilis	Serviceberry	Scarce	Local but possibly Widespread	Rock outcrops in the northeastern quadrant of the Model Forest. Its occurrence in the Model Forest is at the western limit of its range (Scoggan 1978)
Amorpha canescens	Leadplant	Common	Scattered	Dry sandy soils in open jack pine forest in the southern half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range
Amphicarpa bracteata	Hog-peanut	Scarce	Local	Sandy soil at forest edge in the southwestern quadrant of the Model Forest but usually prefers moist deciduous forest. Its occurrence in the Model Forest
Anaphalis margaritacea	Pearly everlasting	Common	Widespread	Dry soils in old fields, open jack pine forest, roadsides. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978)
Andropogon gerardii	Big blue-stem	Scarce to abundant	Scattered	Sandy soils of clearings, open ground, roadsides in the southern half of the Model Forest and Quesnel Lake area
Antennaria neglecta	Pussy-toes	Common	Widespread	Rock outcrops, dry sandy soils in clearings and open forest
Antennaria neodioica	Common pussy- toes	Common	Scattered	Rock outcrops and dry sandy soils in clearings
Antennaria plantaginifolia	Plantain-leaved everlasting	Scarce	Local	Dry sandy soils in fields and open forest in the southern half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range
Apocynum cannabinum	Indian hemp	Scarce	Scattered	Dry soils of open ground and thickets
Arabis glabra	Tower-mustard	Scarce	Scattered	Dry soils in open ground
Artemisia ludoviciana var. gnaphalodes	Prairie sage	Common	Local	Sandy soil in clearings
Artemisia ludoviciana var. pabularis	Prairie sage			
Asarum canadense	Wild ginger	Scarce	Scattered	Moist soils in deciduous (often trembling aspen) forest
Asclepias incarnata var. incarnata	Swamp milkweed	Scarce to common	Scattered	Ditches, marshes, wet thickets
Aster lateriflorus	Wood aster	Scarce	Scattered	Forest edges and clearings, roadsides in the southern third of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range
Aster laurentianus	Rayless aster	Scarce	Scattered	Mine tailings
Aster modestus	Large northern aster	Scarce	Local	Wet soils at edge of black spruce forest. A northern extension of its range in eastern Manitoba. Manitoba rare plant (White and Johnson 1980)
Brasenia schreberi	Water-shield	Common	Local	Quiet water of slightly acidic shallow lakes in the southeastern quadrant of the Model Forest. Its occurrence in the Model Forest is at the northwest limit of its range
Brassica kaber	Charlock	Scarce	Scattered	Roadsides
Bromus kalmii	Wild chess	Scarce	Local	Edge of trembling aspen forest in the southern half of the Model Forest
Bromus porteri	Porter's chess	Scarce	Local	Dry to moist soils in thickets in the southern half of the Model Forest
Campanula glomerata	Clustered bellflower	Scarce	Local	In thicket near lakeshore at Long Lake, a remnant of an old garden
Campanula rapunculoides	Creeping bellflower	Scarce	Local	In thicket near lakeshore at Long Lake, a remnant of an old garden
Caragana arborescens	Siberian pea- shrub			Introduced from Eurasia and cultivated as a hedge in villages and townsites. Occasionally spreading locally. WIN.
Cardamine parviflora var. arenicola	Small bitter- cress	Scarce	Widespread	Sandy soils and rock outcrops in clearings and open forest
Cardamine pratensis	Cuckoo-flower	Scarce	Local	Wet organic soil in black spruce bog in the southwestern quadrant of the Model Forest. Its occurrence in the Model Forest is at the southern limit of its range
Carex brevior	Fescue sedge	Scarce	Scattered	Dry soils of open ground in the southern half of the Model Forest. Its occurrence in the Model Forest is at or near the northern limit of its range
Carex buxbaumii	Brown sedge	Scarce	Local	Edge of wet depressions in loamy soil in a recently logged area in the east-central part of the Model Forest

Species	Common Name	Abundance	Distribution	Habitat
Carex castanea	Chestnut sedge	Scarce	Scattered	Open, damp, grassy places and roadside ditches. Its occurrence in the Model Forest is at the northwestern limit of its range (Scoggan 1978)
Carex crawfordii	Crawford's sedge	Scarce	Widespread	Dry soils of open deciduous forest
Carex gracillima	Slender sedge	Scarce to common	Scattered	Moist clay soils of trembling aspen forest along river valleys in the southern half of the Model Forest. Its occurrence in the Model Forest is at or n
Carex hystricina	Porcupine sedge	Scarce	Local	Wet meadows and shores along the Winnipeg River. Its occurrence in the Model Forest is at or near the northern limit of its range (Scoggan 1978)
Carex intumescens var. fernaldi	Bladder sedge	Common	Widespread	Wet fens and wet soils in clearings in mixed forest
Carex livida	Livid sedge	Common	Local	Open sphagnous bogs
Carex pensylvanica	Sun-loving sedge	Scarce	Local	Dry soils in open forest in the southwestern quadrant of the Model Forest
Carex projecta	Necklace sedge	Scarce	Scattered	Wet to moist soils in open deciduous forest
Carex richardsonii	Richardson's sedge	Common	Scattered	Sandy (usually calcareous) open ground in the southwestern quadrant of the Model Forest
Carex stipata	Awl-fruited sedge	Scarce	Scattered	Pond margins, along wet ditches in the southern half of the Model Forest. Its occurrence is at or near the northern limit of its range (Scoggan 1978)
Carex viridula	Green sedge	Common	Scattered	Damp shores, margins of wet tailing ponds
Carex xerantica	White-scaled sedge	Scarce	Local	Dry soils of open ground in the eastern half of the Model Forest. Its occurrence in the Model Forest is at the northeastern limit of its range (Scogg
Carum carvi	Caraway	Scarce	Widespread	Open grassy areas along roadsides, trails
Ceanothus herbaceus	Narrow-leaved New Jersey tea	Scarce	Local	Dry sandy soils in open jack pine forest in the southwestern quadrant of the Model Forest. Its occurrence in the Model Forest is at the northwestern
Celastrus scandens	Climbing bittersweet	Scarce	Scattered	Moist soils in thickets and deciduous forest in the southern half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of
Chaenorrhinum minus	Dwarf snapdragon	Common	Scattered	Dry sandy and gravelly soil along roadsides in the southwestern quadrant of the Model Forest
Chenopodium glaucum var. salinum	Oak-leaved goosefoot	Common	Scattered	Sandy beaches and mine tailings
Chenopodium leptophyllum var. oblongifolium	Narrow-leaved goosefoot	Scarce	Local	Sandy soils near the southern boundary of the Model Forest
Chrysopsis villosa	Hairy golden aster	Abundant	Local	Depressions among rock outcrops in open jack pine forest near Quesnel Lake. This species of dry prairies and sand dunes had been collected in the are
Circaea quadrisulcata var. canadensis	Tall enchanter's- nightshade	Common	Local	Wet depressions in forest in southern third of the Model Forest
Collinsia parviflora	Blue-eyed Mary	Common	Local	Moist soils of open forest
Convolvulus sepium	Wild morning- glory	Scarce	Local	Lakeshores, thickets
Coronilla varia	Field crown- vetch	Common	Local	Rock outcrops in open jack pine forest at edge of mine tailings in the southeastern quadrant of the Model Forest. Probably persisting from a revegetat
Crataegus succulenta	Long-spined hawthorn	Scarce	Scattered	Dry soils in thickets in the southern third of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978)
Cypripedium acaule	Stemless lady's- slipper	Common	Widespread	Sandy soils in mature jack pine forest
Cypripedium arietinum	Ram's head lady's-slipper	Scarce	Scattered	Moist organic and mineral soils in coniferous forest.
Danthonia spicata var. pinetorum	Poverty oat- grass	Scarce	Local	Dry sandy soils in jack pine forest in the southwestern quadrant of the Model Forest
Dianthus plumarius	Cottage pink	Common	Local	Colonizing rock piles at an abandoned mine in the northern half of the Model Forest. A garden-escape. Introduced (S.E. Europe). 93- 895.
Dulichium arundinaceum	Three-way sedge	Common	Local	Marshes at margins of ponds and lakes in the southeastern quadrant of the Model Forest

Species	Common Name	Abundance	Distribution	Habitat
Elymus canadensis	Canada wild rye	Scarce	Scattered	Sand dunes, sandy soils of open ground and mixed forest in the southern half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range
Elymus virginicus var. submuticus	Virginia wild-rye	Scarce	Local	Moist deciduous forest in the southwestern quadrant of the Model Forest
Equisetum laevigatum	Smooth scouring rush	Common	Scattered	Dry sandy soils of open ground and shores. Its occurrence in the Model Forest is at the northern limit of its range (Flora of North America Editorial
Erigeron strigosus	Daisy fleabane	Scarce	Scattered	Dry sandy and gravelly soils, rock outcrops of open ground or open mixed forest in the southern half of the Model Forest. Its occurrence in the Model
Eupatorium perfoliatum	Boneset	Scarce to common	Scattered	Wet soils of thickets, marshes and lake shores
Euphorbia serpyllifolia	Thyme-leaved spurge	Scarce	Scattered	Dry sandy soils, clay soils along roadsides and open ground. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978)
Fraxinus nigra	Black ash	Common	Widespread	Wet to moist soils of low ground, river valleys and lakeshores
Galinsoga ciliata	Galinsoga	Scarce	Local	Disturbed ground, roadsides
Galium aparine	Cleavers	Scarce	Local	Thickets and shores in the southern quarter of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978)
Gentiana linearis var. rubricaulis	Closed gentian	Scarce	Scattered	Wet organic soils in swamp birch thickets, wet soils in willow/alder thicket. Its occurrence in the Model Forest at or near the northern limit of its
Gentianella crinata ssp. procera	Fringed gentian	Scarce	Local	Moist soil along roadside
Geranium carolinianum	Carolina wild geranium	Scarce	Local	Rock outcrop in the southern half of the Model Forest
Gerardia tenuiflora var. parviflora	Slender agalinis	Scarce	Local	Dry soils of open ground and open forest, occasionally muddy ground. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978)
Geum rivale	Purple avens	Common	Local	Marshes, wet open ground in the southern half of the Model Forest
Glyceria canadensis var. canadensis	Rattlesnake- grass	Scarce to common	Scattered	Shores of lakes and ponds in the eastern half of the Model Forest. Its occurrence in the Model Forest is at the northwest limit of its range. Manitoba
Grindelia squarrosa var. quasiperennis	Gumweed	Common	Local	Roadsides in the southwestern quadrant of the Model Forest
Gypsophila paniculata	Baby's breath	Common	Local	Dry sandy soils along roadside in the southwestern quadrant of the Model Forest. Introduced (Eurasia).
Helianthemum bicknellii	Frostweed	Common	Scattered	Dry sandy soils in clearings in jack pine forest in the southwestern quadrant of the Model Forest. Its occurrence in the Model Forest is at the north
Helianthus tuberosus var. subcanescens	Jerusalem artichoke	Scarce	Local	Long Lake area. Introduced (s U.S.A. and Tropical America)
Heliopsis helianthoides	Ox-eye	Scarce	Local	Dry sandy soils at forest edge
Hudsonia tomentosa	Beach-heath	Scarce to common	Scattered	Loose sandy soils, often in open jack pine forest. Its occurrence in the northeastern quadrant of the Model Forest is a northern extension of its range
Humulus lupulus	Common hop	Scarce	Local	Low thicket in disturbed open ground
lva xanthifolia	Marsh-elder	Scarce	Local	Roadsides, streambanks in the southwestern quadrant of the Model Forest. Introduced (w U.S.A.) WIN.
Lactuca canadensis var. Iongifolia	Tall yellow lettuce	Scarce	Local	Willow fen in northern third of the Model Forest
Leesia oryzoides	Rice-cutgrass	Common	Local	marshes in the southern half of the Model Forest
Liatris punctata	Dotted blazingstar			Sandy soils in open jack pine forest. Reported from Victoria Beach. This location is at the northern limit of its range. Gst. Map record at WIN.
Lobelia cardinalis	Cardinal Flower			Collected from a roadside ditch north of Lac du Bonnet in the 1930's. A plant of shores, stream and river banks. Its range extends from Minnesota to Michigan to southern Ontario, Quebec, New Brunswick and southwards to Texas and Florida (Scoggan 1978)
Lotus corniculatus	Birdsfoot-trefoil	Scarce	Widespread	Roadsides of highways and well-travelled gravel roads

Species	Common Name	Abundance	Distribution	Habitat
Lychnis chalcedonica	Maltese-cross	Scarce	Scattered	Roadsides, thickets in the southern half of the Model Forest. A garden-escape. Introduced (Asia). WIN.
	Bog club-moss	Common	Local	Moist sandy margin of water-filled depression, surrounded by open willow thicket in the east-central part of the Model Forest
Lycopodium lucidulum	Shining club- moss	Scarce	Scattered	Moist soils of deciduous and mixed forest in the southern half of the Model Forest
Lycopodium tristachyum	Ground-cedar	Scarce	Scattered	Dry sandy soils of open jack pine forest
Lythrum salicaria	Purple loosestrife	Common	Scattered	Observed in the southwestern quadrant of the Model Forest for a number of years along wet ditches from Patricia Beach to Grand Beach Provincial Park
Malaxis unifolia	Green adder's- mouth	Scarce to common	Scattered	Dry soils in trembling aspen-white spruce forest, open sphagnous bogs, sandy pond margins. Its occurrence in the Model Forest is at or near the northern limit of its range
Medicago sativa	Alfalfa	Common	Scattered	Roadsides, disturbed ground in the southern half of the Model Forest. Cultivated in the agricultural area of the Model Forest. Introduced (Eurasia).
Mirabilis nytaginea	Heart-leaved umbrellawort	Scarce	Local	Dry sandy soils in open ground
Monarda fistulosa	Wild bergamot			Dry soils in clearings, thickets and open forest. Its occurrence in the Model Forest is at the northern limit of its range. Hpr.
Muhlenbergia racemosa	Marsh muhly	Scarce	Scattered	Sandy soil in open jack pine forest
Myriophyllum farwellii	Farwell watermilfoil	Scarce	Local	Stream with organic substrate covering bedrock in the southeastern corner of the Model Forest. Its occurrence in the Model Forest is a northwestern extension of its range
Nymphaea odorata ssp. odorata	Fragrant water- lily	Scarce	Local	Shallow water with sandy substrate in a lake in Nopiming Provincial Park in the east central area of the Model Forest (see Hutchison 1986)
Nymphaea odorata ssp. tuberosa	Magnolia water- lily	Scarce	Local	lake in the southeastern quadrant of the Model Forest. Its occurrence in the Model Forest is a northern extension of its range (Barker and Barkley
Onoclea sensibilis	Sensitive fern	Common	Widespread	Wet to moist soils of open deciduous forest
Opuntia fragilis	Brittle prickly- pear	Common to abundant	Scattered	Shallow organic soils in crevices in south-facing rock outcrops along rivers, 3-4 m above the water line (Frego and Staniforth 1986). The occurrence
Osmorhiza claytonii	Sweet cicely	Scarce	Local	Moist soils in deciduous forest at the southern border of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range
Osmunda claytoniana	Interrupted fern	Scarce	Widespread	Moist soils of coniferous forest
Ostrya virginiana	Ironwood	Scarce	Local	Fresh soils in deciduous forest at the southern border of the Model Forest. Its occurrence there is at the northern limit of its range. Manitoba rar
Panicum depauperatum var. depauperatum	Depauperate panic grass	Common	Local	Thin, dry soils among rock outcrops in open jack pine forest. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978)
Panicum depauperatum var. psilophyllum	Depauperate panic grass	Common	Widespread	Sandy soils in open mature jack pine forest, sandy soils in jack pine regeneration after fire, thin soils among rock outcrops. Its occurrence in the
Panicum lanuginosum Panicum lanuginosum	Soft millet Soft millet	Common Common	Scattered Scattered	Sandy soils in mature jack pine forest Thin, dry soils among rock outcrops in open mixed forest
var. implicatum Panicum lanuginosum var. septentrionale	Soft millet	Common	Scattered	Sandy soils in open mature jack pine forest, sandy soils in jack pine regeneration after fire. Its occurrence in the Model Forest is at the
Panicum leibergii	Leiberg's panic	Scarce	Scattered	northern limits of its range Dry soils of meadows, open forest in the southern half of the Model
Donioum mili	grass			Forest Wester Places
Panicum miliaceum Panicum perlongum	Millet Long-stalked panic grass	Scarce Common	Local	Waste places Dry soil on slope in open jack pine stand at the edge of a bedrock knoll. Its occurrence in the Model Forest is at the northern limit of its range
Panicum xanthophysum	Yellow panic grass	Common	Widespread	range. Rock outcrops, sandy soils of mature jack pine forest
Parnassia glauca	Glaucous grass- of-Parnassus	Scarce	Local	Moist to wet calcareous soils in the southwestern quadrant of the Manitoba Model Forest.
Parthenocissus inserta	Large-toothed Virginia creeper	Common	Local	Moist soils of thickets in the southern third of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978)

Species	Common Name	Abundance	Distribution	Habitat
Parthenocissus quinquefolia	Virginia creeper	Scarce	Scattered	Moist soils of thickets and deciduous forest in the southwestern quadrant of the Model Forest
Pastinaca sativa	Parsnip	Scarce	Scattered	Roadsides and disturbed ground
Pedicularis canadensis	Wood-betony	Common	Local	Sandy and gravelly soils of thickets at the southern edge of the Model Forest. Its occurrence in the Model Forest is at the northern limits of its range
Pedicularis lanceolata	Swamp lousewort	Scarce	Local	Moist soils at edge of trembling aspen forest
Pinus resinosa	Red pine	Scarce	Local	Well-drained sandy soils.
Polygonatum biflorum	Solomon's-seal	Scarce	Local	Dry soils in clearings in deciduous forest in the southern half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range
Polygonum convolvulus	Wild buckwheat	Scarce	Scattered	Roadsides, thickets, cultivated and disturbed ground in the southern half of the Model Forest
Polygonum sagittatum	Arrow-leaved- tearthumb	Scarce	Scattered	Wet soils in black ash stands, marshes
Polygonum scandens	Climbing false buckwheat	Scarce	Scattered	Moist soils in thickets
Potamogeton	Blunt-leaved	Scarce	Scattered	Ditches, quiet water of rivers and lakes
obtusifolius	pondweed			Materian around at the polythern advant for the Madel Forest
Potentilla rivalis	Brook cinquefoil	Scarce	Local	Wet open ground at the southern edge of the Model Forest
Prunus americana	American plum			
Prunus nigra	Canada plum	Scarce	Scattered	Thickets, forest edges in the southern half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978)
Pteridium aquilinum var. latiusculum	Bracken	Common	Widespread	Roadsides, dry soils of thickets and open forest. This variety is at the northwestern limit of its range (Flora of North America Editorial Committee
Pyrola rotundifolia var. americana	Round-leaved pyrola	Scarce	Scattered	Sandy soils in mature jack pine forest. Its occurrence in the Model Forest is at the northwestern limit of its range. Manitoba rare plant (White and
Rhus glabra	Smooth sumac	Common	Widespread	Open rocky ground. Its occurrence near Bissett on south-facing cliffs is at or near the northern limit of its range (Scoggan 1978, Soper and Heimberg
Sagittaria rigida	Sessile-fruited arrowhead	Scarce	Scattered	Nuddy shores and shallow water. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978). Manitoba rare plant (White
Salix amygdaloides	Peach-leaved willow	Common	Scattered	Moist soils along lakeshores and rivers in the southern half of the Model Forest. Its occurrence in the Model Forest is at or near the northern limit of its range
Salix cordata	Heartleaf willow	Common	Local	Sandy shores and dunes along Lake Winnipeg
Salix fragilis	Crack willow			Ornamental willow planted in townsites and shelterbelts. Introduced (Europe).
Salix pseudomonticola	Willow			
Sambucus racemosa var. pubens	Red-berried elder	Scarce	Local	Rock outcrops in the southern third of the Model Forest
Saxifraga virginiensis	Early saxifrage	Scarce	Scattered	Moss covered rocks, wet sands and gravels in the southern half of the Model forest. Its occurrence in the Model Forest is at the northwestern limit of its range
Scirpus fluviatilis	River bulrush	Common to abundant	Scattered	Lakeshores and streams in the southern half of the Model Forest
Secale cereale	Rye	Scarce	Local	Cultivated rye is an occasional escape to roadsides and waste places but rarely becomes established
Sedum hybridum	Stonecrop	Abundant	Local	South-facing rock outcrops in Bissett townsite. Also found growing on rocks by a waterfall at a canoe-only accessible location between Happy and Fry-p
Senecio congestus var. palustris	Marsh-fleabane	Scarce	local but possibly Widespread	Wet meadows near the southern boundary of the Model Forest
Setaria glauca	Foxtail	Scarce	Local	Roadsides waste places
Setaria viridis	Green foxtail	Scarce	Scattered	Roadsides. Introduced (Eurasia).
Silene antirrhina	Sleepy catchfly	Common	Scattered	Sandy soils of open ground and open forest
Sisyrinchium campestre	Blue-eyed grass	Scarce	Local	Among rock outcrops in mixed forest in the southern half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range

Species	Common Name	Abundance	Distribution	Habitat
Smilax herbacea var. Iasioneura	Carrion-flower	Scarce	Scattered	Fresh to moist soils in open deciduous forest and thickets in the southern half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range
Solidago gigantea var. serotina	Late goldenrod	Scarce to common	Widespread	Moist to dry soils along roadsides, edges of deciduous and mixed forests
Solidago spathulata var. neomexicana	Mountain goldenrod			Open ground
Sparganium chlorocarpum	Stemless bur- reed	Scarce to common	Widespread	Shallow water of rivers and lakes
Sparganium eurycarpum	Broad-fruited bur-reed	Scarce	Local	Shallow water in drainage ditch in the southern half of the Model Forest
Sparganium multipendunculatum	Many stalked bur-reed	Scarce	Scattered	Ponds and lakes
Spiranthes lacera var. lacera	Northern slender ladies'-tresses	Scarce	Widespread	Dry sandy soils of open ground, trail edges
Sporobolus cryptandrus	Sand-drop-seed	Scarce to common	Scattered	Dry sandy soils, often in open jack pine forest in the western half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range
Stipa spartea	Porcupine grass	Scarce	Local	Dry, sandy soil in open ground in the southwestern quadrant of the Model Forest
Suaeda maritima var. americana	Sea-blite	Common	Scattered	Beaches and mine tailings
Symphoricarpos occidentalis	Wolfberry			Dry soils in open ground and thickets.
Tanacetum vulgare	Common tansy	Scarce	Widespread	Roadsides, rock piles (mine waste). Introduced (Eurasia).
Taxus canadensis	Ground hemlock	Scarce	Scattered	Wet organic soils of black spruce forest in the northern third of the Model Forest. Its occurrence in the Model Forest is at the northwestern limit of its range
Thuja occidentalis	Eastern white cedar	Scarce to common	Scattered	Fresh to wet, mineral and organic soils, often in association with black spruce and tamarack
Torreyochloa pallida var. fernaldii	Torrey's manna grass	Scarce	Local	Mud flats along river in the northeastern quadrant of the Model Forest
Trillium cernuum	Nodding trillium	Scarce	Widespread	Moist soils in deciduous forest Its occurrence in the Model Forest is at the northern limit of its range
Utricularia minor	Lesser bladderwort			Reported by Pip (1977) from a roadside drainage ditch through a black spruce wetland in the north-east quadrant of the Model Forest.
Vaccinium caespitosum	Dwarf bilberry	Scarce	Scattered	Rock outcrops and dry sandy soils in open mature jack pine forest
Verbascum thapsus	Common mullein	Scarce	Scattered	Roadsides in the southern half of the Model Forest. Introduced (Eurasia).
Viburnum lentago	Nannyberry	Scarce to common	Scattered	Moist, usually clay, soils along riverbanks, deciduous and mixed forest. At or near the northern limit of its range in the Model Forest (Scoggan 1978)
Vicia cracca	Tufted vetch	Scarce	Widespread	Roadsides
Viola canadensis var. rugulosa	Western Canada violet	Scarce	Scattered	Moist soils in mixed forest in the southern half of the Model Forest
Viola pubescens	Downy yellow violet	Scarce	Scattered	Moist soils in deciduous forest in the southern half of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range (Scoggan 1978)
Viola sororia	Woolly blue violet	Scarce	Scattered	Sandy and gravelly soils in thickets and loamy soils on south-facing slopes in young aspen forest in the southern half of the Model Forest. Its occur
Xanthium strumarium	Cocklebur	Scarce	Local	Gravel beach, Lake Winnipeg, in the southwestern quadrant of the Model Forest. Its occurrence in the Model Forest is at the northern limit of its range

Source: Science Team Report- LacSeul Upland Summary Technical Report

Table - 02: Wildlife Species list for the Mid-Boreal Lowland

Common Name	Scientific Name
AMPHIBIANS	·
CLASS: AMPHIBIA	
ORDER: CAUDATA (Salamander	rs)
Mudpuppy	Necturus maculosus
Blue-spotted Salamander	Ambystoma laterale
ORDER: SALIENTIA (Frogs and	
American Toad	Bufo americanus
Spring Peeper	Hyla crucifer
Gray Treefrog	Hyla versicolor
Cope's Gray Treefrog	Hyla chrysoscelis
Boreal Chorus Frog	Pseudacris triseriata
Wood Frog	Rana sylvatica
Leopard Frog	Rana pipiens
Green Frog	Rana clamitans
Mink Frog	Rana septentrionalis
LIZARDS AND SNAKES	
CLASS: REPTILIA	
ORDER: TESTUDINES (Turtles)	
Common Snapping Turtle	Chelydra serpentina
Western Painted Turtle	Chrysemys picta
ORDER: SQUAMATA (Lizards a	
Red-sided Garter Snake	Thamnophis sirtalis
Red-bellied Snake	Storeria occipitomaculata
BIRDS	
ORDER: GAVIIFORMES (Loons)	
Red-throated Loon	Gavia stellata
Common Loon	Gavia immer
ORDER: PODICIPEDIFORMES (C	
Pied-billed Grebe	Podilymbus podiceps
Horned Grebe	Podiceps auritus
Red-necked Grebe	Podiceps duridas Podiceps grisegena
Eared Grebe	Podiceps nigricollis
Western Grebe	Aechmophorus occidentalis
ORDER: PELECANIFORMES (Pe	
American White Pelican	Pelicanus erythrorhyncos
Double-crested Cormorant	Phalacrocorax auritus
ORDER: CICONIIFORMES (Hero	
American Bittern	Botaurus lentiginosus
Least Bittern	Ixobrychus exilis
Great Blue Heron	Ardea herodias
Great Egret	Casmerodius albus
Snowy Egret	Egretta thula
Little Blue Heron	Egretta caerulea
Tricolored Heron	Egretta tricolor
Green Heron	Butorides virescens
Black-crowned Night-heron	Nycticorax nycticorax
Turkey Vulture	Cathartes aura
ORDER: ANSERIFORMES (Wate	
Greater White-fronted Goose	Anser albifrons
Snow Goose	Chen caerulescens
Ross' Goose	Chen rossii
Canada Goose	Branta canadensis
Trumpeter Swan	Cygnus buccinator
Tundra Swan	Cygnus columbianus
	Cygnus columbianus

Common Name	Scientific Name
Wood Duck	
Gadwall	Aix sponsa Anas strepera
	Anas americana
American Wigeon American Black Duck	
Mallard	Anas rubripes
	Anas platyrhynchos
Blue-winged Teal	Anas discors
Northern Shoveller Northern Pintail	Anas clypeata
	Anas acuta
Green-winged Teal	Anas crecca
Canvasback Redhead	Aythya valisineria
	Aythya americana
Ring-necked Duck	Aythya collaris
Greater Scaup	Aythya marila
Lesser Scaup	Aythya affinis Malanitta paraniaillata
Surf Scoter	Melanitta perspicillata Melanitta fusca
White-winged Scoter Black Scoter	
	Melanitta nigra
Oldsquaw	Clangula hyemalis
Bufflehead	Bucephala albeola
Common Goldeneye	Bucephala clangula
Hooded Merganser	Lophodytes cucullatus
Common Merganser	Mergus merganser
Red-breasted Merganser	Mergus serrator
Ruddy Duck	Oxyura jamaicensis
ORDER: FALCONIFORMES (Haw	
Osprey	Pandion haliaetus
Bald Eagle	Haliaeetus leucocephalus
Northern Harrier	Circus cyaneus
Sharp-shinned Hawk	Accipiter striatus
Cooper's Hawk	Accipiter cooperii
Northern Goshawk	Accipiter gentilis
Broad-winged Hawk	Buteo platypterus
Swainson's Hawk	Buteo swainsoni
Red-tailed Hawk	Buteo jamaicensis
Ferruginous Hawk	Buteo regalis
Rough-legged hawk	Buteo lagopus
Golden Eagle	Aquila chrysaetos
American Kestrel	Falco sparverius
Merlin	Falco columbarius
Gyrfalcon	Falco rusticolus
Peregrine Falcon	Falco peregrinus
Prairie Falcon	Falco mexicanus
ORDER: GALLIFORMES (Gallina	ceous Birds)
Gray Partridge	Perdix perdix
Ring-necked Pheasant	Phasianus colchicus
Ruffed Grouse	Bonasa umbellus
Spruce Grouse	Dendragapus canadensis
Willow Ptarmigan	Lagopus lagopus
Sharp-tailed Grouse	Tympanuchus phasianellus
Greater Prairie Chicken	Tympanuchus cupido
Wild Turkey	Meleagris gallopavo
ORDER: GRUIFORMES (Cranes	
Yellow Rail	Coturnicops noveboracensis
King Rail	Rallus elegans
Virginia Rail	Rallus limicola
Sora	Porzana carolina
American Coot	Fulica americana

Common Name	Scientific Name
Sandhill Crane	Grus canadensis
Whooping Crane	Grus americana
ORDER: CHARADRIIFORMES (S	
Black-bellied Plover	Pluviaws squatarola
American Golden Plover	Pluvialis dominica
Semipalmated Plover	Charadrius semipalmatus
Piping Plover	Charadrius melodus
Killdeer	Charadrius vociferus
American Avocet	Recurvirostra americana
Greater Yellowlegs	Tringa melanoleuca
Lesser Yellowlegs	Tringa flavipes
Solitary Sandpiper Willet	Tringa solitaria
Spotted Sandpiper	Catoptrophorus semipalmatus Actitis macularia
Upland Sandpiper	Bartramia longicauda
Eskimo Curlew	Numeniusborealis
Whimbrel	Numenius phaeopus
Long-billed Curlew	Numenius americanus
Hudsonian Godwit	Limosa Haemastica
Marbled Godwit	Limosa fedoa
Ruddy Turnstone	Arenaria interpres
Red Knot	Calidris canutus
Sanderling	Calidris alba
Semipalmated Sandpiper	Calidris pusilla
Least Sandpiper	Calidris minutilla
White-rumped Sandpiper	Calidris fuscicollis
Baird's Sandpiper	Calidris bairdii
Pectoral Sandpiper	Calidris melanotos
Dunlin	Calidris alpina
Stilt Sandpiper	Calidris himantopus
Buff-breasted Sandpiper	Tryngites subruficollis
Short-billed Dowitcher	Limnodromus griseus
Long-billed Dowitcher	Limnodromus scolopaceus
Common Snipe American Woodcock	Gallinago gallinago
Wilson's Phalarope	Scolopax minor
Red-necked Phalarope	Phalaropus tricolor Phalaropus lobatus
Red Phalarope	Phalaropus fulicaria
Parasitic Jaeger	Stercorarius parasiticus
Long-tailed Jaeger	Stercorarius longicaudus
Franklin's Gull	Larus pipixcan
Bonaparte's Gull	Larus philadelphia
Ring-billed Gull	Larus delawarensis
California Gull	Larus californicus
Herring Gull	Larus argentatus
Thayer's Gull	Larus thayeri
Iceland Gull	Larus glaucoides
Glaucous Gull	Larus hyperboreus
Sabine's Gull	Xema sabini
Caspian Tern	Sterna caspia
Common Tern	Sterna hirundo
Arctic Tern	Sterna paradisaea
Forster's Tern	Sterna forsteri
Least Tern	Sterna antillarum
Black Tern	Chlidonias niger
ORDER: COLUMBIFORMES (Dov	
Rock Dove	Columba livia

Common Name	Scientific Name
ORDER: COLUMBIFORMES (Do	
Mourning Dove	Zenaida macroura
Passenger Pigeon	Ectopistes migratorius
ORDER: CUCULIFORMES (Cuck	
Black-billed Cuckoo	Coccyzus erythropthalmus
Yellow-billed Cuckoo	Coccyzus americanus
ORDER: STRIGIFORMES (Owls)	Coccyzus americanus
Barn Owl	Tyto alba
Eastern Screech Owl	Otus asio
Great-horned Owl	Bubo virginianus
Snowy Owl	Nyctea scandiaca
Northern Hawk Owl	Surnia ulula
Burrowing Owl	Athene cunicularia
Barred Owl	Strix varia
Great Gray Owl	Strix nebulosa
Long-eared Owl	Asio otus
Short-eared Owl	Asio flammeus
Boreal Owl	Aegolius funereus
Northern Saw-whet Owl	Aegolius acadicus
ORDER: CAPRIMULGIFORMES	
Common Nighthawk	Chordeiles minor
Whip-poor-will	Caprimulgus vociferus
ORDER: APODIFORMES (Swifts	
Chimney Swift	Chaetura pelagica
Ruby-throated Hummingbird	Archilochus colubris
Rufous Hummingbird	Selasphorus rufus
ORDER: CORACIIFORMES (King	jfishers)
Belted Kingfisher	Ceryle alcyon
ORDER: PICIFORMES (Woodpeo	
Red-headed Woodpecker	Melanerpes erythrocephalus
Red-bellied Woodpecker	Melanerpes carolinus
Yellow-bellied Sapsucker	Sphyrapicus varius
Downy Woodpecker	Picoides pubescens
Hairy Woodpecker	Picoides villosus
Three-toed Woodpecker	Picoides tridactylus
Black-backed Woodpecker	Picoides arctus
Northern Flicker (Yellow-shafted)	Colaptes auratus
Pileated Woodpecker	Dryocopus pileatus
ORDER: PASSERIFORMES (Per	
Olive-sided Flycatcher	Contopus borealis
Western Wood-pewee	Contopus sordidulus
Eastern Wood-pewee	Contopus virens
Yellow-bellied Flycatcher	Empidonax flaviventris
Alder Flycatcher	Empidonax alnorum
Willow Flycatcher	Empidonax traillii
Least Flycatcher	Empidonax minimus
Eastern Phoebe	Sayornis phoebe
Great Crested Flycatcher	Myiarchus crinitus
Western Kingbird	Tyrannus verticalis
Eastern Kingbird	Tyrannus tyrannus
Scissor-tailed Flycatcher	Tyrannus forficatus
Loggerhead Shrike	Lanius Iudocicianus
Northern Shrike	Lanius excubitor
Yellow-throated Vireo	Vireo flavifrons
Solitary Vireo (*Blue-headed)	Vireo solitarius
Warbling Vireo	Vireo gilvus
Philadelphia Vireo	Vireo philadelphicus

Common Name	Scientific Name
ORDER: PASSERIFORMES (Per	
Red-eyed Vireo	Vireo olivaceus
Gray Jay	Perisoreus canadensis
Blue Jay	Cyanocitta cristata
Steller's Jay	Cyanocitta stelleri
Black-billed Magpie	Pica pica
American Crow	Corvus brachyrhynchos
Common Raven	Corvus corax
Horned Lark	Eremophila alpestris
Purple Martin	Progne subis
Tree Swallow	Tachycineta bicolor
Northern Rough-winged Swallow	Stelgidopteryx serripennis
Bank Swallow	Riparia riparia
Cliff Swallow	Petrochelidon pyrrhonota
Barn Swallow	Hirundo rustica
Black-capped Chickadee	Poecile atricapillus
Boreal Chickadee	Poecile hudsonicus
Red-breasted Nuthatch	Sitta canadensis
White-breasted Nuthatch	Sitta carolinensis
Brown Creeper	Certhia americana
House Wren	Troglodytes aedon
Winter Wren	Troglodytes troglodytes
Sedge Wren	Cistothorus platensis
Marsh Wren	Cistothorus palustris
Golden-crowned Kinglet	Regulus satrapa
Ruby-crowned Kinglet	Regulus calendula
Eastern Bluebird	Sialia sialis
Mountain Bluebird	Sialia currucoides
Townsend's Solitaire	Myadestes townsendi
Veery	Catharus fuscescens
Gray-cheeked Thrush	Catharus minimus
Swainson's Thrush	Catharus ustulatus
Hermit Thrush	Catharus guttatus
Wood Thrush	Hylocicla mustelina
American Robin	Turdus migratorius
Varied Thrush	Ixoreus naevius
Gray Catbird	Dumetella carolinensis
Northern Mockingbird	Mimus polyglottos
Brown Thrasher	Toxostoma rufum
European Starling	Sturnus vulgaris
American Pipit (Water)	Anthus rubescens
Sprague's Pipit	Anthus spragueii
Bohemian Waxwing	Bombycilla garrulus
Cedar Waxwing	Bombycilla cedrorum
Golden-winged Warbler	Vermivora chrysoptera
Tennessee Warbler	Vermivora peregrina
Orange-crowned Warbler Nashville Warbler	Vermivora celata
	Vermivora ruficapilla Parula americana
Northern Parula Yellow Warbler	Dendroica petechia
	I I
Chestnut-sided Warbler	Dendroica pensylvanica
Magnolia Warbler	Dendroica magnolia Dendroica tigrina
Cape May Warbler Black-throated Blue Warbler	Dendroica ugrina Dendroica caerulescens
Yellow-rumped Warbler	Dendroica caerulescens Dendroica coronata
Black-throated Green Warbler	Dendroica coronata Dendroica virens
Blackburnian Warbler	Dendroica virens Dendroica fusca

Common Name	Scientific Name
ORDER: PASSERIFORMES (Per	
Pine Warbler	Dendroica pinus
Palm Warbler	Dendroica palmarum
Bay-breasted Warbler	Dendroica castanea
Blackpoll Warbler	Dendroica striata
Cerulean Warbler	Dendroica striata
Black-and-white Warbler	Mniotilta varia
American Redstart	Setophaga ruticilla
Ovenbird	Seiurus aurocapillus
Northern Waterthrush	Seiurus noveboracensis
Connecticut Warbler	Oporarnis agilis
Mourning Warbler	Oporornis philadelphia
Common Yellowthroat	Geothlypis trichas
Wilson's Warbler	Wilsonia pusilla
Canada Warbler	Wilsonia canadensis
Yellow-breasted Chat	Icteria virens
Scarlet Tanager	Piranga olivacea
Eastern Towhee	Pipilo erythrophthalmus
American Tree Sparrow	Spizella arborea
Chipping Sparrow	Spizella passerina
Clay-colored Sparrow	Spizella pallida
Field Sparrow	Spizella pusilla
Vesper Sparrow	Pooecetes gramineus
Lark Sparrow	Chondestes grammacus
Savannah Sparrow	Passerculus sandwichensis
Grasshopper Sparrow	Ammodramus savannarum
Baird's Sparrow	Ammodramus bairdii
LeConte's Sparrow	Ammodramus leconteii
Nelson's Sharp-tailed Sparrow	Ammodramus nelsoni
Fox Sparrow	Passerella iliaca
Song Sparrow	Melospiza melodia
Lincoln's Sparrow	Melospiza lincolnii
Swamp Sparrow	Melospiza georgiana
White-throated Sparrow	Zonotrichia albicollis
Harris' Sparrow	Zonotrichia querula
White-crowned Sparrow	Zonotrichia leucophrys
Golden-crowned Sparrow	Zonotrichia atricapilla
Dark-eyed Junco	Junco hyemalis
Lapland Longspur	Calcarius lapponicus
Smith's Longspur	Calcarius pictus
Chestnut-collared Longspur	Calcarius ornatus
Snow Bunting	Plectrophenax nivalis
Northern Cardinal	Cardinalis cardinalis
Rose-breasted Grosbeak	Pheucticus Iudovicianus
Blue Grosbeak	Guiraca caerulea
Lazuli Bunting	Passerian amoena
Indigo Bunting	Passerian cyanea
Dickcissel	Spiza americana
Bobolink	Dolichonyx oryzivorus
Red-winged Blackbird	Agelaius phoeniceus
Eastern Meadowlark	Sturnella magna
Western Meadowlark	Sturnella neglecta
Yellow-headed Blackbird	Xanthocephalus xanthocephalus
Rusty Blackbird	Euphagus carolinus
Brewer's Blackbird	Euphagus cyanocephalus
Common Grackle	Quiscalus quiscula
Brown-headed Cowbird	Molothrus ater

Common Name	Scientific Name
Orchard Oriole	Icterus spurius
Baltimore Oriole	Icterus galbula
Gray-crowned Rosy-finch	Leucosticte lephrocotis
Pine Grosbeak	Pinicola enucleator
Purple Finch	Carpodacus purpureus
House Finch	Carpodacus mexicanus
Red Crossbill	Loxia curvirostra
White-winged Crossbill	Loxia leucoptera
Common Redpoll	Carduelis flammea
Hoary Redpoll	Carduelis hornemanni
Pine Siskin	Carduelis pinus
American Goldfinch	Carduelis tristis
Evening Grosbeak	Coccothraustes vespertinus
House Sparrow	Passer domesticus
MAMMALS	
ORDER: INSECTIVORA (Insectivores)	
Masked Shrew	Sorex cinereus
Water Shrew	Sorex palustris
Arctic Shrew	Sorex arcticus
Pygmy Shrew	Sorex hoyi
Northern Short-tailed Shrew	Blarina brevicauda
Star-nosed Mole	Condylura cristata
ORDER: CHIROPTERA (Bats)	
Little Brown Myotis	Myotis lucifugus
Northern Myotis	Myotis septentrionalis
Silver-haired Bat	Lasionycteris noctivagans
Big Brown Bat	Eptesicus fuscus
Eastern Red Bat	Lasiurus borealis
Hoary Bat	Lasiurus cinereus
ORDER: PRIMATES (Humans)	
Human	Homo sapiens
ORDER: LAGOMORPHA (Hares	-
Snowshoe Hare	Lepus americanus
White-tailed Jack Rabbit	Lepus townsendii
ORDER: RODENTIA (Rodents)	Tamiaa atriatua
Eastern Chipmunk	Tamias striatus
Least Chipmunk Woodchuck	Tamias minimus
Richardson's Ground Squirrel	Marmota monax Spermophilus richardsonii
Thirteen-lined Ground Squirrel	Spermophilus tridecemlineatus
Franklin's Ground Squirrel	Spermophilus franklinii
Gray or Black Squirrel	Sciurus carolinensis
Fox Squirrel	Sciurus niger
Red Squirrel	Tamiasciurus hudsonicus
Northern Flying Squirrel	Glaucomys sabrinus
Northern Pocket Gopher	Thomomys talpoides
American Beaver	Castor canadensis
Deer Mouse	Peromyscus maniculatus
Southern Red-backed Vole	Clethrionomys gapperi
Southern Bog Lemming	Synaptomys cooperi
Northern Bog Lemming	Synaptomys borealis
Heather Vole	Phenacomys intermedius
Muskrat	Ondatra zibethicus
Meadow Vole	Microtus pennsylvanicus
Norway Rat	Rattus norvegicus
House Mouse	Mus musculus
Meadow Jumping Mouse	Zapus hudsonius

Common Name	Scientific Name
ORDER: RODENTIA (Rodents) cont'd	
Woodland Jumping Mouse	Napaeozapus insignis
American Porcupine	Erethizon dorsatum
ORDER: CARNIVORA (Carnivores)	
Coyote	Canis latrans
Timber Wolf	Canis lupus
Arctic Fox	Alopex lagopus
Red Fox	Vulpes vulpes
Grey Fox	Urocyon cinereoargenteus
Black Bear	Ursus americanus
Grizzly Bear	Ursus arctos
Raccoon	Procyon lotor
American Pine Marten	Martes americana
Fisher	Martes pennanti
Ermine	Mustela erminea
Long-tailed Weasel	Mustela frenata
Least Weasel	Mustela nivalis
American Mink	Mustela vison
Wolverine	Gulo gulo
American Badger	Taxidea taxus
Striped Skunk	Mephitis mephitis
River Otter	Lutra canadensis
Mountain Lion	Felis concolor
Lynx	Lynx lynx
Bobcat	Lynx rufus
ORDER: ARTIODACTYLA (Cloven-hoofed Mammals)	
Boreal Woodland Caribou	Rangifer tarandus caribou
Whitetail Deer	Odocoileus virginianus
Moose	Alces alces
American Elk	Cervus elaphus

Source: Science Team Report-LacSeul Upland Summary Technical Report