

Legend for Poplar Vegetation Plots Environmental Variables

(A. Breen, Unpublished Table, 2014)

<p><u>Landform (code)</u></p> <ul style="list-style-type: none">1 Hills (including kames and moraines)2 Plain3a Floodplains - active3b Floodplains - abandoned4 Abandoned point bars and sloughs5 River6 Small Stream7 Island in River8 Lake or pond9 Drained lakes and flat lake margins10 River bluff11 Stream bluff11 Lake bluff12 Sand dunes13 Disturbed <p><u>Surficial Geology (code)</u></p> <ul style="list-style-type: none">1 Glacial tills2 Glaciofluvial deposits3 Active alluvial sands4 Active alluvial gravels5 Stabilized alluvium (sands & gravels)6 Undifferentiated hill slope colluvium7 Basin colluvium and organic deposits8 Drained lake or lacustrine organic deposits9 Lake or pond organic, sand, or silt10 Undifferentiated sands11 Undifferentiated clay12 Roads and gravel pads13 Loess14 Fine sand <p><u>Poplar Reproduction (code)</u></p> <ul style="list-style-type: none">0 None1 Current year's fruit2 Previous year's fruit3 Current year's male catkins only	<p><u>Topographic Position (code)</u></p> <ul style="list-style-type: none">1 Hill crest or shoulder2 Side slope3 Footslope or toeslope4 Flat5 Drainage channel6 Depression7 Lake or pond <p><u>Estimated Snow Duration (scalar)</u></p> <ul style="list-style-type: none">1.0 Snow free all year2.0 Snow free most of winter; some snow cover persists after storm but is blown free soon afterward3.0 Snow free prior to melt out but with snow most of winter4.0 Snow free immediately after melt out5.0 Snow bank persists 1-2 weeks after melt out6.0 Snow bank persists 3-4 weeks after melt out7.0 Snow bank persists 4-8 weeks after melt out8.0 Snow bank persists 8-12 weeks after melt out9.0 Very short snow free period10.0 Deep snow all year <p><u>Site Contour (code)</u></p> <ul style="list-style-type: none">1 Straight (flat)2 Convex3 Concave4 Undulating <p><u>Stability (scalar)</u></p> <ul style="list-style-type: none">1.0 Stable2.0 Subject to occasional disturbance3.0 Subject to prolonged but slow disturbance such as solifluction4.0 Annually disturbed5.0 Disturbed more than once annually
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Legend (continued)

<p><u>Exposure (scalar)</u></p> <p>1.0 Protected from winds 2.0 Moderate exposure to winds 3.0 Exposed to winds 4.0 Very exposed to winds</p> <p><u>Site Moisture (modified from Komárková 1983) (scalar)</u></p> <p>1.0 Extremely xeric - almost no moisture; no plant growth 2.0 Very xeric - very little moisture; dry sand dunes 3.0 Xeric - little moisture; stabilized sand dunes, dry ridge tops 4.0 Subxeric - noticeable moisture; well-drained slopes, ridges 5.0 Subxeric to mesic - very noticeable moisture; flat to gently sloping 6.0 Mesic-moderate moisture; flat or shallow depressions 7.0 Mesic to subhygric - considerable moisture; depressions 8.0 Subhygric - very considerable moisture; saturated but with <5 % standing water <10 cm deep 9.0 Hygric - much moisture; up to 100% of surface under water 10 to 50 cm deep; lake margins, shallow ponds, streams 10.0 Hydric - very much moisture; 100% of surface under water 50 to 150 cm deep; lakes, streams</p> <p><u>Animal and Human Disturbance (scalar)</u></p> <p>0.0 No sign present 1.0 Some sign present; no disturbance 2.0 Minor disturbance or extensive sign 3.0 Moderate disturbance; small dens or light grazing 4.0 Major disturbance; multiple dens or noticeable trampling 5.0 Very major disturbance; very extensive tunneling or large pit</p>	<p><u>Soil Moisture (from Komárková 1983) (scalar)</u></p> <p>1.0 Very dry - very little moisture; soil does not stick together 2.0 Dry - little moisture; soil somewhat sticks together 3.0 Damp - noticeable moisture; soil sticks together but crumbles 4.0 Damp to moist - very noticeable moisture; soil clumps 5.0 Moist - moderate moisture; soil binds but can be broken apart 6.0 Moist to wet - considerable moisture; soil binds and sticks to fingers 7.0 Wet - very considerable moisture; drops of water can be squeezed out of soil 8.0 Very wet - much moisture can be squeezed out of soil 9.0 Saturated - very much moisture; water drips out of soil 10.0 Very saturated - extreme moisture; soil is more liquid than solid</p> <p><u>Animal and Human Disturbance (code)</u></p> <p>0 No visible disturbance 1 Ptarmigan scat 2 Caribou tracks 3 Caribou scat 4 Moose tracks & scat 5 Squirrel mounds 6 Vole tracks & scat 7 Bear tracks & scat 8 Human</p>
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