ELECTRONIC SUPPLEMENTARY INFORMATION

Table 3. Vegetation Fuel (VF) Classification

I. Primary fire carriers (PFC)**: cover of moss, lichen, or fine litter Mosses
litter Moist moss (Mm) Bog moss (Bm)
Bog moss (Bm) subtype Bm (1) subtype Bm (2) Win Cured grass (Cg) Loose litter (Ll) Compact litter (Cl) Non-fire-carrier (Nc) subtype Nc (1) subtype Nc (1) Sm subtype Nc (2) Win II. Duff, humus and peat layers of soil Win III. Duff, humus and peat layers of soil III. Layer of herbs and low brush (coverage ratio 0.5 m or more) Bog moss (Bm) Subtype Bm (1) Site of level and soult with subtype Bm (2) Fl and Sm Amoder Sm Mull Sm Humus horizon Peat horizon Sm Arctostaphylos uva-ursi (Au) Bog-shrub (Bs) And other types
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Peat horizon Sm
III. Layer of herbs and low brush (coverage ratio 0.5 m or more) Low brush Vaccinium vitis-idaea (Vv) Arctostaphylos uva-ursi (Au) Bog-shrub (Bs) And other types
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Bog-shrub (Bs) And other types Fl and Pd
And other types
THE DEPOSITE TOTAL PROPERTY OF THE PROPERTY OF
Sedge (Se)
Winter sedge (Ss)
Mixed herb (Mh)
And other types
IV. Large tree remnants Dead-standing Dead-standing trees Sc, Sm
(dead branches, snags, and fallen trees Hanging limbwood Sc
limbwood, slash) Fallen limbwood Sc
Slash Coniferous foliage-covered slash Fl
Foliageless slash Pd
V. Understory saplings and shrubs Coniferous - Fl
Deciduous Pd and Fl
VI. Needles, leaves, live and dead Coniferous Crowns of young tree stands and Pinus Fl
branches in tree crowns Pumila thickets
Spruce and fir crowns F1
Deciduous Pine and larch crowns Fl
Deciduous crowns Pd
VII. Trunks of live trees, branches Healthy trunks Sc
thicker than 7 mm Resinous trunks Fl, Sc
Rotten or hollow trunks Sc, Sm Notes: *Character of burning: Fl - burning with flame, Sm - smoldering, Sc - surface charring, Pd – passive thermal decomposition, Wn - would not bur

Notes: *Character of burning: Fl - burning with flame, Sm - smoldering, Sc - surface charring, Pd - passive thermal decomposition, Wn - would not burn.

**The first group of VF (PFC) plays the leading role in fire incidence and spread.