BSF - Black Spruce/Feathermoss Forest

Photo credit: Kevin Hop

The Black Spruce/Feathermoss Forest Map Unit (BSF) represents the Black Spruce / Feathermoss Forest Association. This association is found on flat to very steep (35% slope) terrain often with a northerly aspect. It can also occur on ridge tops where shallow soils have developed down slope from open bedrock. The terrain is usually very rocky, the rocks often covered by feathermoss. Patches of exposed bedrock are common. The soils are shallow sandy or silt loams. The canopy is dominated by black spruce. Paper birch and trembling aspen can also occur at low cover.

BSF-1A3 appears as a dark olive with a fine nubby texture. The coverage is continuous and evenly dispersed. The tree height falls within the 12-20 meter range. The photo was taken in September 1995.

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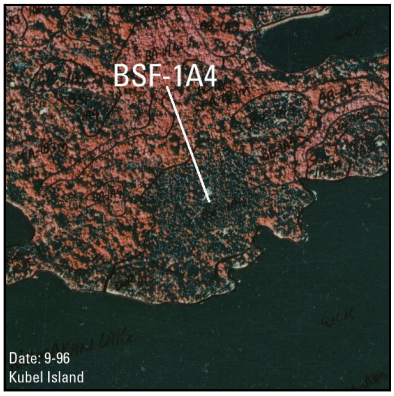
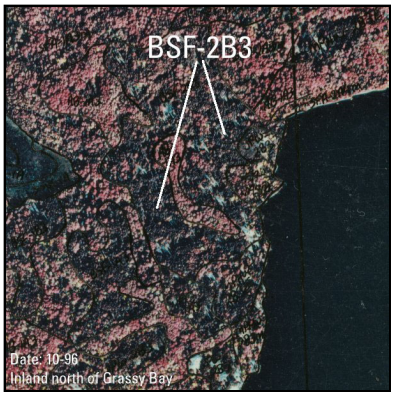


BSF-1A4 appears as dark blue-gray with a fine nubby texture. The canopy is continuous and evenly dispersed. The tree height falls within the 5-12 meter range. The photo was taken in September 1996.



BSF-2B3 appears as a dark blue-purple with splotches of light blue and a fine nubby texture. The dark blue-purple is the black spruce and the light blue is exposed bedrock. The canopy is discontinuous and clumped. Tree height falls within the 12-20 meter range. The photo was taken in October 1996.

Area Report for BSF Map Unit
Polygons: 406
Hectares: 551
Acres: 1,360
Average size: 1 hectare, 3 acres

Accuracy Assessment Results for BSF Map Unit
The Black Spruce/Feathermoss Forest Map Unit was assessed at 79% producers' accuracy (confidence interval 65-93%) and 85% users' accuracy (confidence interval 72-98%). Errors in producers' accuracy were primarily associated with Map Units JPF and SFA. Users' accuracy is considered adequate as mapped.