

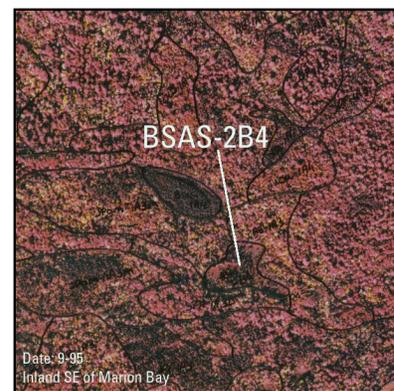
## BSAS - Black Spruce/Alder Rich Swamp



Photo credit: Kevin Hop

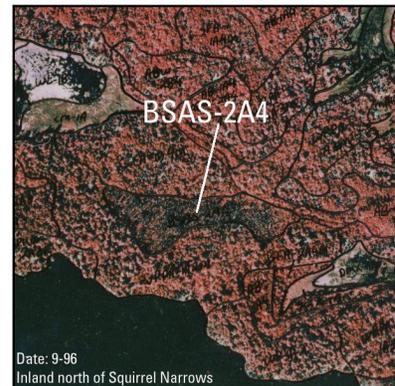
The Black Spruce/Alder Rich Swamp Map Unit (BSAS) represents the Black Spruce / Alder Rich Swamp Association. This association occurs as part of large peatlands, in confined basins, and along the upland margins of less minerotrophic peatlands. It is also mapped when occurring within slow moving drainage courses. Stands occur on level, wet, poorly drained organic soils on deep or shallow peat. The water regime is saturated. The canopy of black spruce is often fairly open, ranging from 20-40%. Tamarack and white cedar can also be found in the canopy at low cover. A shrub layer of alder and black spruce is normally present.

BSAS-2B4 appears as clumps of dark purple and orange in this photo. The dark purple is the black spruce trees and orange color is the alder shrubs. The canopy of the trees is continuous and clumped, revealing the uneven age and fairly open pattern typical of this association. The height of the trees falls within the 5-12 meter range. The photo was taken in September 1995.

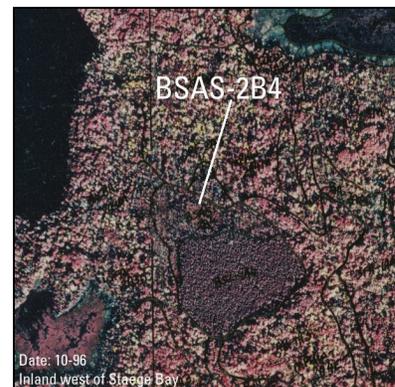


## BSAS - Black Spruce/Alder Rich Swamp

BSAS-2A4 appears mostly as dark purple with patches of orange in this photo. The dark purple is the black spruce trees and the orange is the alder shrub. The canopy of the trees is open and evenly dispersed. The tree height falls within the 5-12 meter range. The photo was taken in September 1996.



BSAS-2B4 appears as dark blue and purple in this photo. Specks of lighter blues and purples indicate tamarack or dying trees. The canopy of the trees is relatively open and clumped. The tree height falls within the 5-12 meter range. The photo was taken in October 1996.



### Area Report for BSAS Map Unit

# Polygons: 536

# Hectares: 707

# Acres: 1,748

Average size: 1 hectares, 3 acres

### Accuracy Assessment Results for BSAS Map Unit

The Black Spruce/Alder Rich Swamp Map Unit was assessed at 76% producers' accuracy (confidence interval 59-94%) and 64% users' accuracy (confidence interval 46-82%). Errors in producers' accuracy were associated with Map Units BSL/BST. Errors in users' accuracy were associated with Map Units BSL/BST and WCS/WCT.