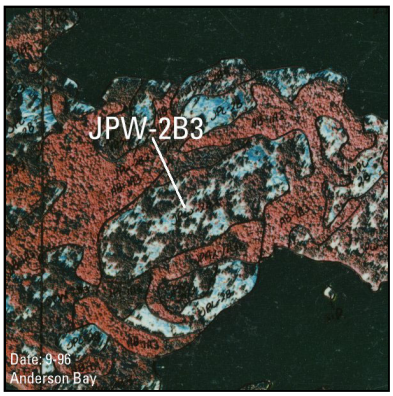
JPW - Boreal Pine Rocky Woodland (jack pine phase)

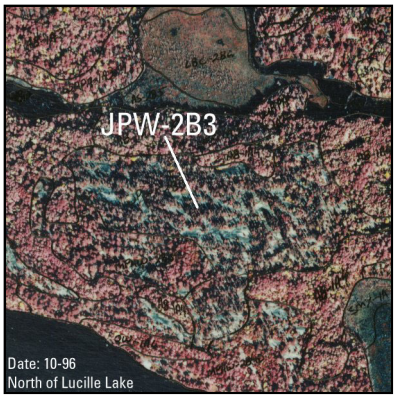
Photo credit: Kevin Hop

The Boreal Pine Rocky Woodland (jack pine phase) Map Unit (JPW) represents, in part, the Boreal Pine Rocky Woodland Association. JPW is dominated by jack pine. JPW was originally thought to be the sole representation for this association. However, the JPM Map Unit (mixed pine phase) was later joined, making two distinct map unit phases for the association (see discussion for JPM). This association occurs on ridge tops and slopes with 5-50% exposed bedrock. Slopes are highly variable and range from flat to very steep with variable aspects. Vegetation occurs where soil has collected over bedrock. These sites are rapidly drained. The tree canopy is variable and typically open. Black spruce may also be present.

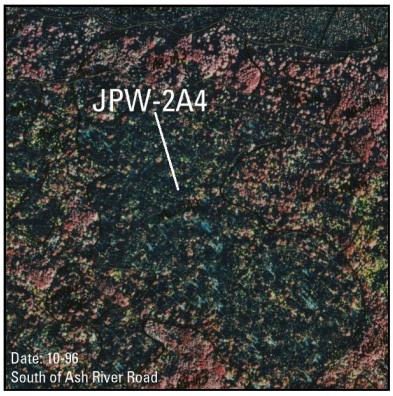
JPW-2B3 appears as dark red-brown with a moderately smooth texture and as pale blue with a slate-like texture. The dark red-brown is the jack pine. The shadows obscure the shapes of the jack pine trees. The pale blue is exposed bedrock with lichens. The canopy is open and clumped. The photo was taken in September 1996.



JPW - Boreal Pine Rocky Woodland (jack pine phase)



JPW-2B3 appears dark red-brown, pink, and pale blue. The texture is similar to the previous photo. The dark red-brown is the jack pine, and the pink is small clumps of aspen or birch scattered throughout the polygon. The photo was taken in October 1996.



JPW-2A4 appears charcoal with yellow dots and pale blue patches. The charcoal is the jack pine, the yellow are deciduous trees, and the pale blue is exposed bedrock. The canopy is open and evenly dispersed. The tree height falls within the 5-12 meter range. The photo was taken in October 1996.

Area Report for JPW Map Unit
Polygons: 1,087
Hectares: 2,118
Acres: 5,233
Average size: 2 hectares, 5 acres

Accuracy Assessment Results for JPW and JPM Map Units
The Boreal Pine Rocky Woodland (jack pine phase) Map Unit was assessed with Boreal Pine Rocky Woodland (mixed pine phase) Map Unit. JPW and JPM were assessed at 72% producers' accuracy (confidence interval 61-83%) and 100% users' accuracy (confidence interval 99-101%). Errors in producers' accuracy were primarily associated with Map Unit MPHW. Users' accuracy is considered adequate as mapped.

JPM - Boreal Pine Rocky Woodland (mixed pine phase)

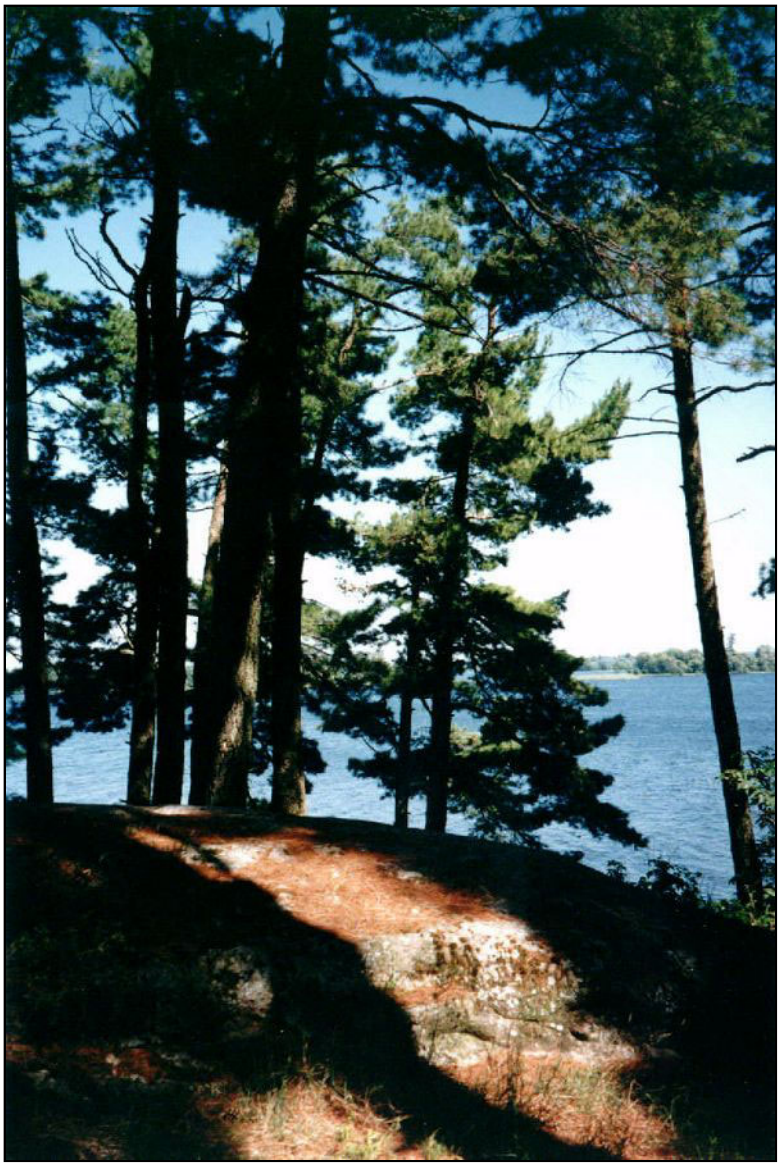
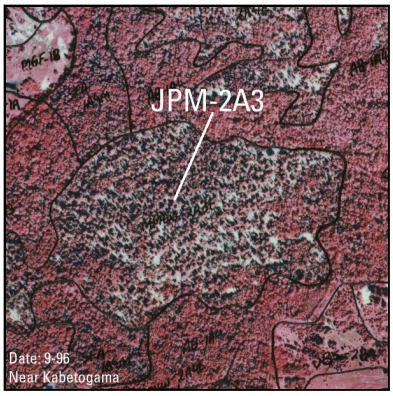


Photo credit: Kevin Hop

The Boreal Pine Rocky Woodland (mixed pine phase) Map Unit (JPM) represents, in part, the Boreal Pine Rocky Woodland Association. JPM is dominated by a combination of jack pine, red pine, and white pine. JPM was originally thought to represent an undefined and broadly characterized woodland type. Upon further analysis of the vegetation data, it was determined that the evergreen dominant portion of this undefined woodland type better represents the Boreal Pine Rocky Woodland Association, sharing it with the JPW Map Unit (jack pine phase).

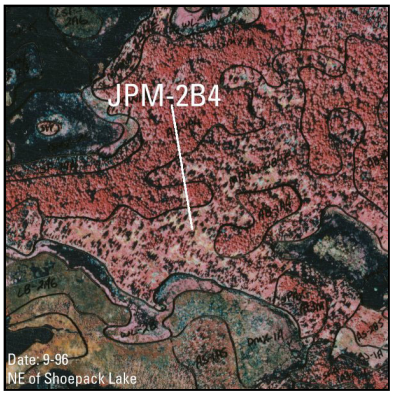
This association occurs on ridge tops and slopes with 5-50% exposed bedrock. Slopes are highly variable and range from flat to very steep with variable aspects. Vegetation usually occurs where soil has collected over bedrock. These sites are rapidly drained. The tree canopy is variable and typically open. Black spruce may also be present.

JPM-2A3 appears as a mixture of reds with a rough texture and splotches of white with a smooth texture. The reds are the pines and white is exposed bedrock with lichens. The canopy is open and evenly dispersed. The tree height falls within the 12-20 meter range. The photo was taken in September 1996.



JPM - Boreal Pine Rocky Woodland (mixed pine phase)

JPM-2B4 appears a mixture of reds with a rough texture, and pinks, pale orange, and white with a somewhat smooth texture. The reds are the pines, the pinks are herbaceous vegetation, and the pale orange are dwarf-shrubs. The white is exposed bedrock with lichens. The canopy is open and clumped. The tree height falls within the 5-12 meter range. The photo was taken in September 1996.



JPM-2A3 appears as a dark crimson with a rough texture and a few splotches of pale blue with a smooth texture. The dark crimson are pines, and the pale blue is exposed bedrock with lichens. The canopy is open and evenly dispersed. The tree height falls within the 12-20 meter range. The photo was taken in October 1996.

Area Report for JPM Map Unit
Polygons: 1,774
Hectares: 3,351
Acres: 8,280
Average size: 2 hectares, 5 acres

Accuracy Assessment Results for JPM and JPW Map Unit
The Boreal Pine Rocky Woodland (mixed pine phase) Map Unit was assessed with Boreal Pine Rocky Woodland (jack pine phase) Map Unit. JPM and JPW were assessed at 72% producers' accuracy (confidence interval 61-83%) and 100% users' accuracy (confidence interval 99-101%). Errors in producers' accuracy were primarily associated with Map Unit MPHW. Users' accuracy is considered adequate as mapped.