

OW - Northern Pin Oak-Bur Oak (Jack Pine) Rocky Woodland (deciduous phase)



Photo credit: Michael Lew-Smith

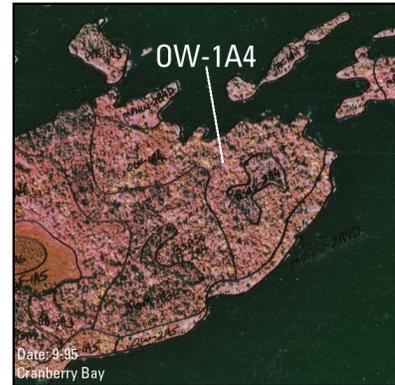
The Northern Pin Oak-Bur Oak-(Jack Pine) Rocky Woodland (deciduous phase) Map Unit (OW) represents, in part, the Northern Pin Oak - Bur Oak - (Jack Pine) Rocky Woodland Association. OW is dominated by northern pin oak with <20% of evergreens in the canopy. The canopy closure is typically open, with closed canopies quite common.

OW shares the association with the JPOM Map Unit (jack pine phase) and the MPHW Map Unit (mixed pine-oak phase). All 3 of these map units were originally thought to represent their own associations. However, upon further analysis of the vegetation data, it was determined that each of these map units actually represent the Northern Pin Oak - Bur Oak - (Jack Pine) Rocky Woodland Association, each with their unique variations.

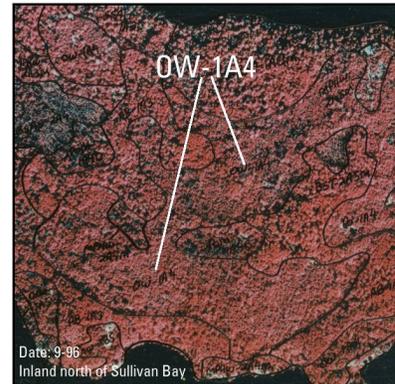
The Northern Pin Oak - Bur Oak - (Jack Pine) Rocky Woodland Association occurs on ridge tops and high slopes, and some dry, flat, rocky areas. These sites are well drained, and have exposed bedrock in the more open stands. Ancillary photographs from 1988 were used to help determine oaks from other deciduous trees. In the 1988 photo set, the oaks appear yellow, where all other deciduous trees appear white, pink or red.

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OW-1A4 appears as red-orange, pink, and yellow with a mottled and rough texture. The red-orange is the pin oak, the pinks are aspens, and the yellow is maple. The canopy is closed and evenly dispersed. The tree height falls within the 5-12 meter range. The photo was taken in September 1995.



OW-1A4 appears as red-orange with a rough 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.



OW-2D5 appears red-orange with a rough texture and patches of bluish-white with a smooth texture. The red-orange is the pin oak and the bluish-white is exposed bedrock. The canopy is open and regularly alternating with the bedrock. The tree height falls within the 0.5-5 meter range. The photo was taken in September 1996.



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OW-2B5 appears red-orange with a rough texture and bluish-white with a smooth texture. The red-orange is the pin oak, and the bluish-white is exposed bedrock. The canopy is open and clumped. The tree height falls within the 0.5-5 meter range. The photo was taken in September 1996.



Area Report for OW Map Unit

Polygons: 303

Hectares: 827

Acres: 2,044

Average size: 3 hectares, 7 acres

Accuracy Assessment Results for OW, JPOM, and MPHJ Map Units

The Northern Pin Oak-Bur Oak-(Jack Pine) Rocky Woodland (deciduous phase) Map Unit was assessed with 2 other phases of the Northern Pin Oak - Bur Oak - (Jack Pine) Rocky Woodland Association: JPOM (jack pine-oak phase) and MPHJ (mixed pine-oak phase). OW, JPOM, and MPHJ were assessed at 99% producers' accuracy (confidence interval 96-102%) and 86% users' accuracy (confidence interval 79-92%).