

Department of Conservation, Bureau of Geology, Natural Areas, and Coastal Resources

[Home](#) → [Communities, Plants, and Animals](#) → [Natural Communities and Ecosystems](#) → [Ecosystems in Maine](#) → Raised Level Bog Ecosystem

Raised Level Bog Ecosystem

State Rank: [S4](#)

Flat peatlands in basins with mostly closed drainage, receiving water from precipitation and runoff from the immediate surroundings. Most parts of level bogs are somewhat raised (though not domed), in which case vegetation is almost entirely ombrotrophic (dwarf shrub heath or forested bog). Other parts of the bog are not raised; in this case, vegetation is transitional (in nutrient status) between that of ombrotrophic bogs and minerotrophic fens. In all cases, *Sphagnum* dominates the ground surface and is the main peat constituent. The surface of the bog is flat and featureless. These bogs are often at least partly treed with black spruce and larch.

Natural Communities Associated with Raised Level Bog Ecosystem

- [Bog Moss Lawn](#)
- [Huckleberry - Crowberry Bog](#)
- [Leatherleaf Boggy Fen](#)
- [Low Sedge - Buckbean Fen Lawn](#)
- [Mixed Tall Sedge Fen](#)
- [Mountain Holly - Alder Woodland Fen](#)
- [Northern White Cedar Woodland Fen](#)
- [Pitch Pine Bog](#)
- [Red Maple Wooded Fen](#)
- [Sedge - Leatherleaf Fen Lawn](#)
- [Sheep Laurel Dwarf Shrub Bog](#)
- [Shrubby Cinquefoil - Sedge Circumneutral Fen](#)
- [Spruce - Larch Wooded Bog](#)
- [Sweetgale Mixed Shrub Fen](#)

Credits

Copyright © 2010
All rights reserved.