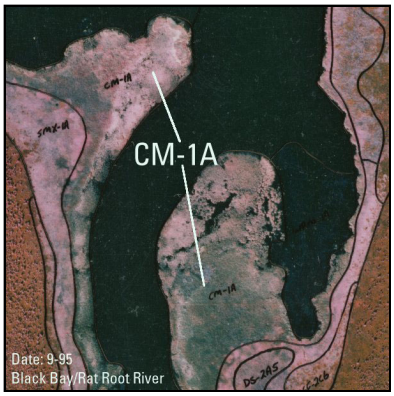
CM - Midwest Cattail Deep Marsh

Photo credit: Kevin Hop

The Midwest Cattail Deep Marsh Map Unit (CM) represents the Midwest Cattail Deep Marsh Association. This association is found in shallow water (0.25 - 1 meter) along the shores of lakes. It can also occur in beaver floodings and low areas surrounded by uplands. This herbaceous association can be colonized almost exclusively by cattails, but other graminoids may be present. A variety of submersed aquatic plants may also be found. This association is also mapped as part of the Wet Meadow/Fen Mosaic/Complex (SMX) when it occurs in relatively shallow water, and as part of the Deep Marsh Mosaic/Complex (DMX) when it occurs in relatively deep water. In these situations, Midwest Cattail Deep Marsh either occurs in a mosaic pattern with other wetland herbaceous types, or cannot be confidently recognized on the aerial photographs from the other wetland types.

CM-1A ranges in color from gray-green to pale pink. The texture is relatively smooth and there are patches of dark water showing within the polygon where the cattails are less dense. The coverage is continuous and evenly dispersed. The polygons of cattail are situated adjacent to a bay. The photo was taken in September 1995.



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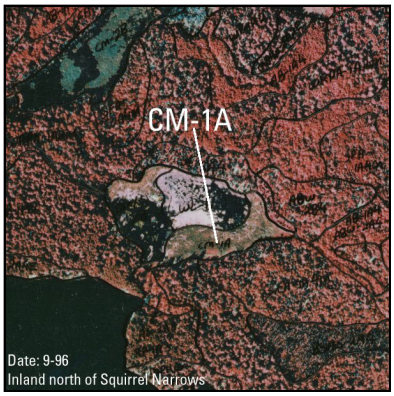
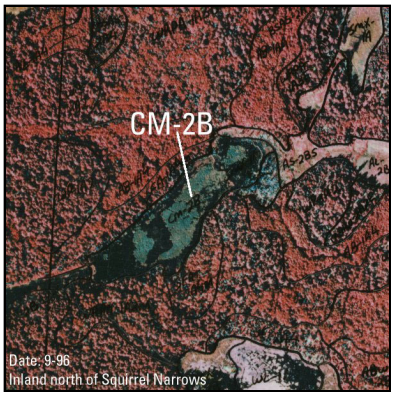
CM-1A appears as greenish orange. The polygon of cattail borders a watercourse. The coverage is continuous and evenly dispersed. The photo was taken in September 1995.

CM-1A appears as patches of pink and pale green. The texture is smooth. The cattail stand is part of a beaver impoundment adjacent to open water and floating aquatic vegetation. The photo was taken in September 1996.



CM-2B appears blue-green, similar to the photo above. The cattail stand is part of a beaver impoundment. The cattail coverage is discontinuous and the clumped. The photo was taken in September 1996.



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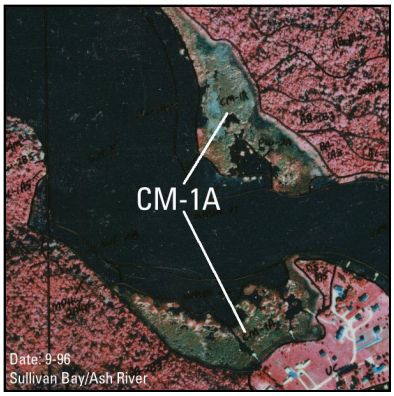
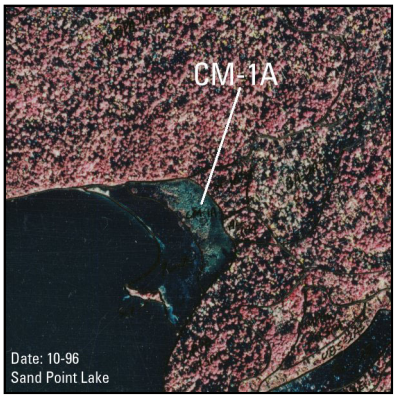
CM-1A appears as a mottled blue-green in this photo. The edges of the cattail bed are somewhat ragged-looking as the bed reaches its water depth limit. The photo was taken in September 1996.



CM-1A appears as a patchy blue-green in the photo. The cattails have reached the end of the growing season and are no longer producing chlorophyll. The photo was taken in October 1996.



Area Report for CM Map Unit
Polygons: 212
Hectares: 475
Acres: 1,173
Average size: 2 hectare, 6 acres

Accuracy Assessment Results for CM Map Unit
The Cattail Marsh Map Unit was assessed at 100% producers' accuracy (confidence interval 98-102%) and 95% users' accuracy (confidence interval 86-105%).