

Cedar Lake Curlyleaf Pondweed Delineation Survey

Rice County, Minnesota

4/11/2026

A Curlyleaf pondweed delineation survey was completed on 4/11/2026 in Cedar Lake in Rice County, Minnesota for the Cedar Lake Association. A total of 494 sites were sampled with a double-sided rake. For every species sampled, an abundance rating was assigned based on how much was sampled on the rake. The ratings are as follows:

0. Plant species absent
1. Plant species covers <25% of the rake
2. Plant species covers 25-75% of the rake
3. Plant species covers >75% of the rake

This rating scale was taken out of the Minnesota Department of Natural Resources Guidance for Delineating Aquatic Plants for Management.

Curlyleaf pondweed abundance ranged from 0 to 3 (See table 1). The maximum depth where Curlyleaf pondweed was sampled was 15 feet. Eurasian watermilfoil and native plant species were also sampled during the survey (see tables 1 and 2). See figure 1 for curlyleaf pondweed distribution and abundance. See figure 2 for Eurasian watermilfoil distribution and abundance. Lastly, see figure 3 for native plant species distribution and abundance.

Table 1: This table lists the species found within Cedar Lake in the proposed treatment area, the number of sites it was sampled at and rating count breakdown.

Plant Species	Sites Sampled	3 Ratings	2 Ratings	1 Ratings	Max Depth (ft)
Curlyleaf pondweed	494	226	85	86	15
Eurasian watermilfoil	494	6	7	5	4
Native plant species	494				

Table 2: List of native plant species sampled in Cedar Lake during the delineation

Native Plant Species	Comments
Coontail	Most abundant
Whitestem pondweed	
Chara spp	
Nitella spp	
White waterlily	Avoided surveying in stands

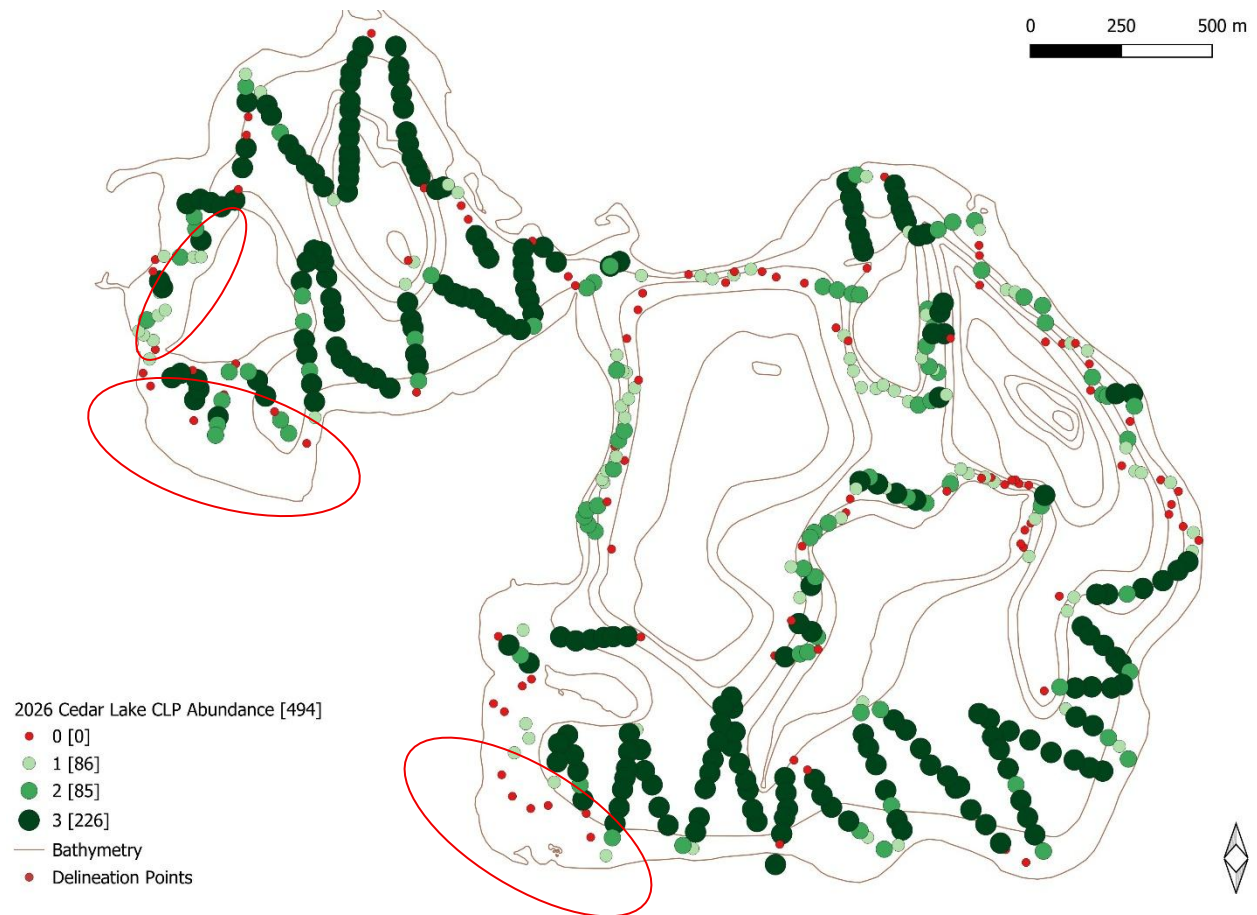


Figure 1: Curlyleaf pondweed distribution and abundance in Cedar Lake. Curlyleaf pondweed was very abundant from 4-5 feet all the way to 14-15 feet. Areas of the lake in red ovals were stands of white waterlily and native species. The surveyor avoided those areas to limit impacts on white waterlily and native plants.

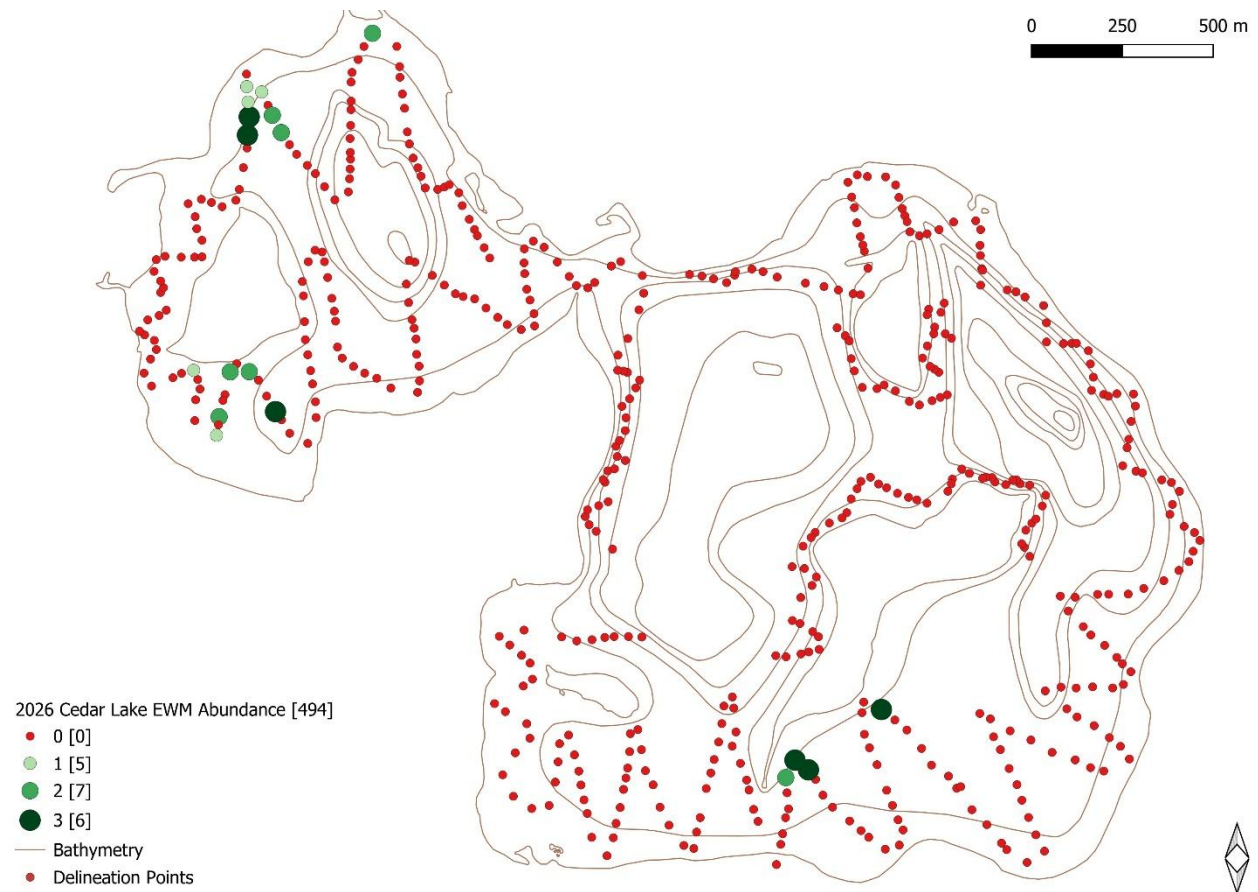


Figure 2: Eurasian watermilfoil distribution and abundance in Cedar Lake.

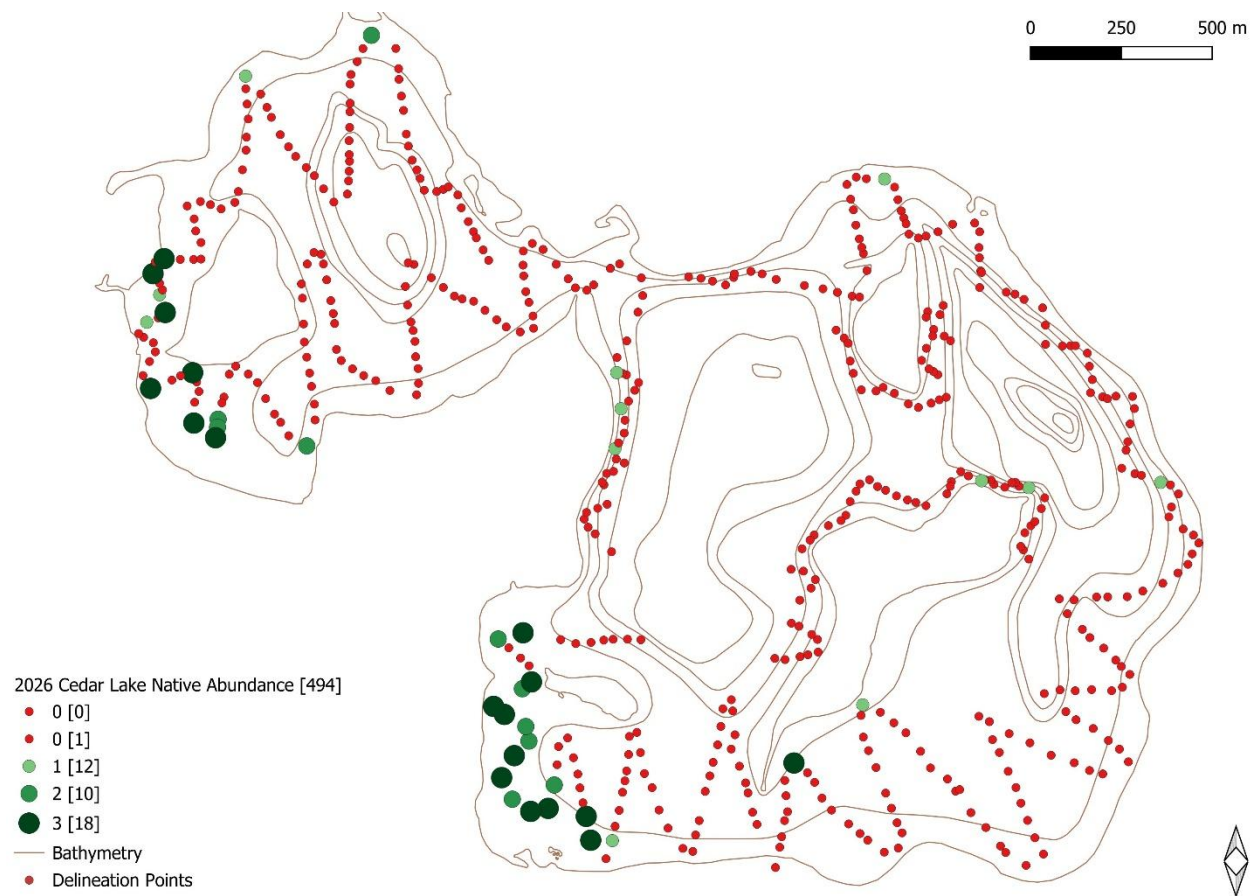


Figure 3: Native plant distribution and abundance in Cedar Lake. Coontail was the most abundant plant species sampled. See table 2 for a native species list.