

Robert S. Whyte

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Dear Bob:

I have identified the two submersed aquatic plants as American Pondweed, also known as Longleaf Pondweed (*Potamogeton nodosus* Poir), and Leafy Pondweed (*Potamogeton foliosus* Raf.). The former was particularly difficult to confirm because of the lack of submersed leaves. As you stated, there is a strong resemblance to Illinois Pondweed, however, we are fairly certain it is indeed American Pondweed. That's not to say however that both species don't exist in the lake; only a more intensive survey could confirm the definite existence of both. The Curlyleaf Pondweed (*Potamogeton crispus* L.) is starting to die back and the Coontail (*Ceratophyllum demersum* L.) is becoming more abundant. The Longleaf Pondweed although not abundant throughout the lake does appear to have a high frequency, that is there are plants scattered in among the Curlyleaf and Coontail all along the shoreline. The Leafy Pondweed was found just south of the boat dock growing in a fairly dense mass among the Curlyleaf. I did not check to see if it may be growing anywhere else. I have pressed these four submersed aquatic macrophytes and they are attached here for your use. In addition, two species of duckweed were identified: *Lemna minor* (Smaller Duckweed) and *Wolffia columbiana* (Columbia Watermeal). I apologize for not asking for permission prior to making the collection and I hope this isn't a problem.

The Botany Department at Miami University is extremely interested in furthering its collection of aquatic macrophytes from Hamilton County and would like permission from the Park District to collect additional macrophytes from the various lakes and aquatic habitats within the Park District. Additionally, we would be interested in cooperating with the Park District on an intensive floristic survey of the aquatic and wetland plants of the Hamilton County lakes and wetlands. If the Park District feels there is a future need for such an effort we would be interested in discussing the possibility further.

Thanks again for help Bob, and I hope you can make use of the pressed specimens. Perhaps I'll see you at the July 16 OLMS meeting at Indian Lake. Take care.

Sincerely,

Bob Whyte

