

Hi Jerry,

Thanks to both you and Rami for the article. The person referenced in the article has been in the news on occasion in the past about bugs, but unfortunately she as well as the bugs have never preformed as they need to. Bugs do not eat themselves out of food and some years the bugs win and others like this year, the milfoil is winning. Just as reminder samples of milfoil were sent to Dr. Bob Johnson, Cornell University, in 2000 for bug checking and his reports came back that we had a significant moth and weevil populations; in a further sampling by him in 2001 he could not find significant evidence of either bug. This has been the case in other lake he has worked on. There are a few lakes however that report long/longer term success. These are however exceptions to the general mass trend. I have not seen/heard of any hard copy plant surveys to support this.

Reports from other lakes indicate that everyone is reporting bumper crops of the stuff this year. Eagle Lake also has experienced a significant increase in amount of toping out milfoil patches as well as size of observable patches. We have upped by a significant amount the area covered /mapped by milfoil as the divers, while in the water were able to get a much better handle on the "deep" stuff. It is doing well in waters 22-25' deep. (Plants are growing from this depth to the surface!) Beyond the depth of what is visible from the surface. This is very true in the area between you and Ruck's. Even though there are 2 visible patches at the markers, the divers report a bottom that looks as if someone planted the milfoil using a shot gun. (Lots of individual new plants spaced inches to feet apart but covering the entire bottom) There are lots of these 1-2' plants scattered all over the bottom from Ruck's dock to just off the stream that comes in by your property edge. They are deep 20-25' and just waiting to get to the surface. (Sorry for this news) on the plus side is from the stream around to the mats that were placed to the west of you dock is for the moment reasonably milfoil free.

Beyond the mats toward Tom's property it is much different. In front of his place to the just to the west of the swim rock is covered, some as large mono-culture milfoil patches, other areas of deep "shot gun plantings" and other areas heavily mixed with white stemmed curly leaf pond weed. All disappointments from the stand point of being over whelming for the process of mating and hand harvesting. A similar situation has been observed in several/many other locations on the other side of the causeway.

A revised map of the distributions of milfoil sites show that some 13 large to very large patches occupy approximate 75 acres of water, this is a gross increase from the 8 plus acres observed in 2003 when only the largest beds were GPS surveyed by surface

observations. A follow up GPS, surface, survey of a couple select beds in Aug 2009 showed growth of some in the 30-100% plus range. These maps will be available later this fall on the web site.

A Monday 8-31-2009 attempt to relocate several mats placed 8 week earlier turned up a disappointment, when 400 plus square ft of mat was removed from a small but tall, dense bed of milfoil it looked as if some of the plant stock might still be viable, this observation was made because several decomposing plant stalks still had white growing root stock in their root ball and there was evidence of several small light deprived leaf shoots on the attached stems. Needless to say plans for removal of additional mats placed during the 2009 season were scrapped, no need to just knock the plant down only to have it come back next year. Four week post work site observation of sites where mats were placed in 2008 and removed for relocation in 2009 did show the return of a very, very limited number of native plants, with no observation of milfoil in the same area.

We are fighting the battle but unfortunately losing the war.

Just some numbers for to date completions

69,000 square feet of mat placed in 2008-9

45,000 of this placed in 2009

14,600 lbs wet weight of milfoil removed in 2008-9

9,000 lb of that removed this year

17,300 feet plus of shore line swam over, individual plants removed, small patches matted in 2008-9

12,000 feet of shore line swam in 2009

Several thousand additional feet closely scoped from boat observation

\$50,000 approximate spent to date on materials, dive and non dive related professional services

\$35,000 provided by legislative grants, remainder provided by ELPOI members  
(THANKS!!)

I spent time today speaking with the Applicator that was responsible for treatment(s) of Saratoga lake, both this and last year as well as several VT lakes. He is reporting that it appears that milfoil has been eradicated in the treatment sites, with just a handful of diver hand pick able plants left in all lakes treated. The applicator indicated that VT removed an earlier restriction about time of treatment and application dose that greatly improved this years VT results. This has all been reported with the note that there was no observable damage to natives, both in or outside of the treatment areas. All treatments were done with out the requirement of curtains. In several post renovate application lake plant surveys a greater diversity of native vegetation was reported, it appears that removal of milfoil in the treated areas allows masked native vegetation to stand up/germinate so that it can be counted.

This is as yet unpublished information. Hence the reason I'm sharing a cc of this letter with the Board. They have a meeting this Sunday to discuss directions for future action.

Till Later Rolf

--- On Tue, 8/25/09, jere paddack <jerepaddack@yahoo.com> wrote:

From: jere paddack <jerepaddack@yahoo.com>

Subject: Fw: Re: problem solved

To: "rolf tiedemann" <camptouchstone@yahoo.com>

Date: Tuesday, August 25, 2009, 4:10 PM

Rolf, My son in law found this article after I spoke with him about milfoil. For your information. Jere

[REDACTED]:

[REDACTED]

Subject: Re: problem solved

To: [REDACTED]

Date: Saturday, August 22, 2009, 9:42 PM

oops. wrong link. This is what I meant to send.

[http://www.middlebury.edu/about/pubaff/news\\_releases/2007/pubaff\\_633246789192631035.htm](http://www.middlebury.edu/about/pubaff/news_releases/2007/pubaff_633246789192631035.htm)

--- On Sat, 8/22/09, [REDACTED] > wrote:

> From: [REDACTED] >

> Subject: problem solved

> To: [REDACTED]

> Date: Saturday, August 22, 2009, 9:41 PM

> <http://en.wikipedia.org/wiki/Weevil>

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