



The Prairieland Splash

**Prairieland Koi And Pond Society Meeting: Feb 9, 2013 --9:00 AM
ICC Horticulture Bldg**

It is hard to believe that December and January have come and gone already, and that it is time for the first meeting for 2013. At the Banquet in November Sheldon and I had a discussion concerning copper poisoning that could occur in a pond, so I asked Sheldon to provide an article concerning this possibility, you will find it in this newsletter and like always Sheldon has done an excellent job of explain a possible pitfall.

I have also found an article that discusses the use of Sodium Thiosulfate to de-chlorinate water, the article stated that it would cost about \$0.21 to de-chlorinate 4000 gallons of water that is at 4ppm (highest level allowed) so we will do some more research and provide a report to the club.

Don't forget that we will be doing a pond tour this year and of course we are still in the need of a few more ponds to showcase, so don't be bashful and sign up and show off your pond.

We are also planning a trip back to Hornbakers along with a meeting to be held at Kullscape again in April this year. Of course no year is complete with out annual cleaning of Peoria Zoo pond and the Luau.

It looks like we will have a busy year and we look forward to seeing all of you at the meeting next week.

Todd

PrairieLand Koi
& Pond Society
February 2013
Volume 17 Issue 1

Think!!
Spring!!



TREASURER'S REPORT

Beginning Balance	\$ 3784.72
Income	\$ 49.00
Expenses	\$ 532.48
End Balance	\$ 3310.24

PKPS DUES

\$ 20.00
By 1 April

Don't Forget to check
the website;
www.pkps1.com

Club Meeting Dates

9 Feb ICC	July	Pond Tour
10 Mar Luthy Botanical Gardens	10 Aug	TBD 24 Aug LUAU
13 April Kullscapes	14 Sep	TBD
11 May TBD	12 Oct	TBD
8 Jun Hornbakers	9 Nov	Banquet

Board Meeting Dates

Date	Location	Date	Location
23 Feb	Clark	27 July	Cantrell
23 Mar	Morelands	24 Aug	Clark
27 Apr	Hofstetter	28 Sep	Hofstetter
18 May	Smith	26 Oct	Bong
22 Jun	Kruger	23 Nov	Moreland

Dates /Location subject to change



Copper Poisoning

I recently had a club member contact me about fish dying and others that were not acting right. The owner stated that the only change he had made recently was adding 15 small fish to his pond. Those fish came from my pond so I begin to wonder if I had passed on some unhealthy fish. After observing the fish my first impressions were that the fish had received an electrical shock. They appeared disoriented, could not swim using there tail. and some stayed close to the bottom and could only stay upright by balancing themselves on there fins. One was swimming with his head pointed down.

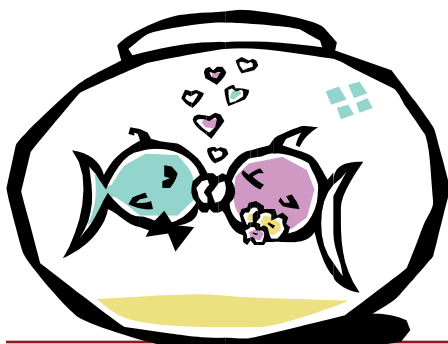
After further investigation and some internet work I began to focus on copper as the culprit, in particle the iongen system that was installed in the pond. The iongen system is designed to release a controlled amount of copper into the pond water to control algae. From what I can read, Koi begin to show signs of copper-effect at .003 ppm and may die at this level if water hardness is high and ph is below 7. The reading in the affected pond, after a large water change, was .2 ppm. Excess copper affects the internal organs and cannot be medically removed. Survival rate is improved when copper levels are increased over the course of several days as well as the age of the fish. There are reports that fish may expel some of the copper themselves, primarily through their feces.

The fish added to this pond were small and were introduced quickly.

If anybody has added small fish recently and has an iongen system be alert for the above symptoms.

Sheldon Bevard

Membership Dues \$20.00 Due by 1 April



Don't Forget Valentines Day!!!



PrairieLand Koi & Pond Society

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