

MICROBE-LIFT
NEWSLETTER

IN THE NORTH

Some places are experiencing almost balmy conditions, while others are being hit by winter storms. If your pond is sited so it's protected from ravaging winter winds, is sufficiently deep for your area, and in colder zones, if you have been able to



construct winter protection to "help" Mother Nature, you should only need to continue with the Microbe-Lift/Autumn Winter Prep until done and monitor water parameters. A water change is not merely topping it off to compensate for compensation. Removing some of the water and replacing it, that's a water change. The importance of water changes is in removing pollutants that would just continue to build if left unchecked. Icy conditions may make this difficult. Please be careful! If your pond is netted or covered, leave it as it is until spring. Visiting wildlife can fall in and drown if there is no protection in place. If you are in one of the warmer climates of the north, a good guideline for feeding will be one of the big holidays. If you are not in too cold an area, perhaps Easter will work for you. But in areas such as New York, Memorial Day is recommended. The fish will be able to eat the algae from the pond, if they are hungry in the meantime.



WHAT'S NEW?

If you bring your pond fish indoors for the winter, use Microbe-Lift Aquarium products for your tank! We make Bloom & Grow for Aquatic Plants if you are overwintering annuals and Goldfish Water Conditioner, Special Blend, and more!

IN THE SOUTH

Here in Florida, as with other parts of the south, we were not prepared for the extended cold that devastated citrus crops in January. In the Southwest areas, the damage to decorative plants was equally devastating to homeowners, primarily because we were not prepared. Freezing winds relieved me of my beautiful Desert Roses and Areca Palms, whereas those plants indigenous to the area survived nicely. This is when proper koi pond construction with adequate depth prevents harm to the fish. I stopped feeding my koi. It won't hurt them to "fast" for a while and without feeding, the filter bacteria will be more effective (for longer) in case the cold is not finished with us. February is usually our winter month, so I will do water changes and continue testing water parameters. I want to make sure the carbonate hardness (KH) does not become used up and cause the pH to crash (while I am "taking time off" indoors). And although ammonia is not as toxic in cold water, I want to monitor all the same parameters as in summer. My fishes' lives may depend upon a timely water change.



Upcoming Events

**Feb 12-14
Koi Club of San Diego's
23rd Annual Koi Show at
Del Mar Fairgrounds,
koiclubsandiego.org

**March 12-14
Central Florida Koi Show
Holiday Inn Resort
Orlando, Florida
Michael McMahon
michael.mcmahon@akerman.com
www.orlandokoishow.org

March 26-28
Koi Health Seminar
koihealthseminar.com
Vicki Vaughan
vicki@flatrockkoi.com

**May 19-23
AKCA Seminar
Millennium Maxwell
House Hotel
Nashville, TN
Wanda at
dorwrichardson@comcast.net
Kay Rice at
kay.rice07@comcast.net

July 24-25
Minnesota Water Garden
Society's 13th
Annual Pond Tour
Twin Cities, Minnesota
612-803-POND
<http://www.mwgs.org/>

**Sept. 24-26
Mid-Atlantic Koi Club's
Koi America
Carroll County Agriculture
Center Westminster, MD
www.makc.com

Oct. 1-3
South Carolina Koi &
Water Garden Society's
Annual Koi Show
Jim Suerth
bevjim@bellsouth.net

Send info to Carolyn to display your show here.

**The shows with asterisks are where you will find me. Please introduce yourself. I'd love to meet you! And, if you'd like me to come to your koi show, send me an email with the information as soon as possible,
carolynw@microbelift.com

ANNOUNCEMENT!!!!!!!!!!!!!!



The much-sought-after online:

MICROBE-LIFT
WATERGARDENER MAGAZINE

can be found at <http://www.microbelift.com/>. This is the Spring/Summer issue- better late than never! You will find more helpful information in caring for your pond, plants and fish in this issue. Since Carolyn went on a self-guided pond tour earlier this spring, the photography was selected from various areas, with many of the ponds in the Bradenton/Sarasota area of Florida. You might even see your own pond in there!

LOW REZ LINK (for viewing on computer screen; quick loading):

http://www.microbelift.com/uploadme/93MLSprSum_Mag_LoRes.pdf

HIGH REZ LINK (for high quality printing; longer loading time):

http://www.microbelift.com/uploadme/94MLSprSum_Mag_HiRes5.pdf

REPRINTS:

Material in Microbe-Lift Newsletter may be reprinted by non-profit organizations,

provided that proper credit is given to the Microbe-Lift Newsletter and the author, and that two copies of the publication containing the reprinted material (one for the author, the other for the Microbe-Lift Newsletter library) be sent to Ecological Laboratories, Inc. Reprints must also be accompanied by the following: "Reprinted from Microbe-Lift Newsletter, publication of Ecological Laboratories, Inc. Interested parties are invited to write: Ecological Laboratories, Inc, Marketing Director, 2525 NE 9th Ave, Cape Coral, FL 33909 for more information." Reproduction in whole or part by any other organization or publication without written permission of the editor of Microbe-Lift Newsletter is prohibited.

HOW TO USE THIS NEWSLETTER TO MAKE CHANGES:

To unsubscribe, scroll to the bottom and click on "unsubscribe". To change your email, update information so you don't miss out on monthly e-newsletters, scroll to the bottom, click on "Update Profile". It's easy! To add friends, scroll to the bottom, click on "Forward to Friend"... Share your passion with others. I have monthly tips to share with everyone for enjoying ponds.

DID YOU KNOW?

Water temperature between 45 and 60F is considered Aeromonas Alley. Your fish's immune system is shutting down while the pathogens are still active. Using Microbe-Lift/PL will eliminate a primary food and breeding material of these pathogenic bacteria: organic waste! Use PL to out-compete the Aeromonas and Pseudomonas in your pond. Give your fish a hand at this very vulnerable time of the year.

Have you found a source for MICROBE-LIFT/LICE & ANCHOR WORM treatment yet? Lice & Anchor Worm is the most effective treatment for this problem and will not harm the biological filtration. It can be used in ANY WATER TEMPERATURES ABOVE 40F.

ML/DRY AMMONIA REMOVER with CLORAM-X is ready for installed ponds, as well as those in trouble due to a "crashed filter". It will be a life-saver at koi shows (for your own fish). 1 oz will remove 1 mg/L of total ammonia for 72+ hours and treat 235 gallons of water! Since it is dry, it can be stored easily and should be kept on hand for all fish pond "first aid kits".



*Follow Carolyn on TWITTER:
<https://twitter.com/EcologicalLady>

*Come see Carolyn in person at the San Diego Koi Show this month!

Meet Carolyn ("MicrobeliftLady") at www.KoiFace.com. We may be starting a Microbe-Lift Q&A chat room, for anybody who's interested.

**Ecological
Laboratories**
Providing Aquatic
Solutions Since 1976

P.O. Box 184
Malverne, NY 11565
info@MicrobeLift.com
Toll Free: 1-800-645-2976