The lecture on Japan's Koi and Gardens was great!

Narakoen Temple

We had a good turn out for our first CWGS meeting. Mary Margon counted 40 people. I don't know if Carla Littlefield counted that many cookies gone, but I'm sure she did.

Bob Hoffman and son Mike went first with Koi Pictures from the All Japanese Koi Show. There were 100s of fish containers and all color combinations of Koi. I wanted to know how they knew when a fish was black with white spots or white with black spots.

Then Gail followed with pictures of Japanese Gardens, Temples and the Lotus Museum. The Japanese do not use water lilies in their ponds, because too many plants spoil the reflections that can be obtained in still water. They have semi circular bridges so that when you see the reflection it is a whole circle.

The Japanese eat all parts of the Lotus, they didn't understand why Gayle went to the Lotus Museum. It was like us going to a potato museum.
CWGS June 7th FUNDRAISING SALE, Please check date!  Cyndie Thomas

Colorado Water Garden Society's 1998 Plant Sale is being held Sunday, June 7, at the Morrison Center (11th Ave. and York St.) Members of CWGS will be able to shop beginning at 9:30 a.m. The Sale will open the general public at 10 a.m.

Please note the date and location change from the last edition of The Water Garden. The Oak Grove did not provide adequate space for the sale. Stan Skinger and Cyndie Thomas, Co-Chairpersons, felt it would benefit all to move the sale up a week to utilize the Morrison Center, as we had last year, proving to be very successful.

As with last year, CWGS members and Denver Botanic Garden (DBG) members are admitted free.

CWGS members are encouraged to save their plant divisions from spring cleaning to donate to the sale. Donations should be brought to classroom A in the DBG main building on Saturday, June 6th, from 10 a.m. to 2 p.m. If anyone has donations and cannot bring them on Saturday, contact Cyndie Thomas at 755-1885, so special arrangements may be made.

Proceeds from the annual June plant sale support education programs, The Water Garden newsletter and general operational expenses of the Society. Additionally, from the proceeds a twenty-five percent use fee is paid to DBG and taxes are included in all plant sale prices.

--- 30 ---
Photos and more information on water plants is available from the following web sites:
http://www.pcisys.net/~splash (the unofficial CWGS web page - now updated)
http://aquat1.ifas.ufl.edu:80/glossary.html
http://aggie-horticulture.tamu.edu/extension/homelandscape/watergarden/index.html

Another Correction. Cyndie Thomas is a Co-Chairperson for the June CWGS Plant Sale.

Mike Hawes at 756-2844.

Nancy Jewett also has a list of CWGS member's e-mail addresses. If you shared your e-mail address on your 1998 application form and DON'T want it available to other CWGS members let Nancy know. To obtain a copy of this list (CWGS members only) call Nancy at (303) 671-7964.

Don't forget that we have Elections coming up in September and will need a Secretary, Vice-President and Member-at-Large to fill the slate for the elections. Please call any one of the board members if you are interested in serving.
We have a limited number of Victoria's for Sale. They may be obtained by pre-order, please contact Stan Skinger, info below.

The Victoria lily is the largest lily in the world, and leaves exceeding 8 feet having been recorded. At the Denver Botanic Gardens, the leaves reach/achieve a diameter of about 5 feet in during August. It is a night blooming lily, which opens the first evening with an intense pineapple fragrance from a snow white flower. The second night, the flower is pink.

There are a very limited number of Victoria water lilies available. They may be pre-ordered prior to the June sale. They will only be available on a first come, first served basis. Should any be available at the time of the June sale, they will also be on a first come, first served basis. The Victoria will not be picked up the day of the sale. Pickup will be tailored based on the status of your pond. The plants will be available for pickup at a Denver location when the weather is appropriate, usually the third or forth week of June, or when your daytime water temps reach 75 degrees. Instructions will be included with your plant, and some help will be available by phone. Victoria require a large, 23" pot and lots of fertilizer for maximum size. Smaller pots and less fertilizer will result in a smaller plant. This is more suited for a smaller pond.

The cost will be $100 including: all taxes, shipping to Denver, and holding expenses. Should you desire them shipped to you from Denver, the cost of packing and shipping will be about $20 for priority mail.

The Victoria water lily requires a larger pond. It may be kept in a pond of 12 feet in diameter, but does best with 20 feet or more. They can be maintained in a pond as small as 8 feet, but would then require some special care regarding fertilizing and pot size. They require 6 or more hours of direct sun each day. The daytime water temperature should be about 75 degrees, and not drop below 70 degrees at night, although a cooler night here and there can be tolerated.

For further information, or to order a Victoria, please Contact Stan Skinger at (303) 237-0071.

If you are on the web, check out the Victoria info on the IWLS web page at: www.h2olily.com.

Plants pre-ordered from the flyer are $25.00. This includes $23.30 plus $1.70 sales tax.

Editor's Note: I recycled pictures from the last newsletter.
Correction to Information on John Mirgon

My apologies to John Mirgon and the South Carolina Water Garden Society. I had John getting an honorary membership from the North Carolina Society in April’s Newsletter.

To set the record straight, John’s list of honors is as follows:

Honorary Member of:
South Carolina Water Garden Society
Pikes Peak Water Garden Society
Colorado Water Garden Society
Wabash Valley Water Garden Society
And Life and Hall of Fame Membership in the International Water Lily Society.

Bring your container Gardening ideas and questions to the CWGS meeting on May 17th.

MARGINALS, FLOATING PLANTS AND OXYGENATING PLANTS

Compiled by Cyndic Thomas

A water garden can be comprised of a pond of lilies or a compliment of marginal plants, oxygenating plants, and floating plants in addition to lilies.

Marginal plants, sometimes called shallow water plants or bog plants, can border your pond or be placed in the shallow area of your pond. Most marginal plants should be potted in a one gallon (or larger) size pot. The wider the pot, the more dynamic the affect along the pond’s edge.

Oxygenating plants should be potted and submerged in the bottom of the pond. These plants absorb carbon dioxide (wastes of animal life and decaying matter) and release oxygen into the water. They also serve as a great fish spawning area.

Floating plants generally are not potted and just float on the water’s surface. These plants draw nutrients from the water, competing with algae. They also provide shade for fish.

Following is a listing of many of the marginal plants, which we hope to have available at this year’s sale.

"T" denotes it is Tropical and "H" is Hardy. The "D" followed by the number is the depth the plant should be placed in the water.

MARGINAL PLANTS

Acorus, Variegated
(Acorus gramineus) H
Sweet flag. Marginal plant has tufts of green and white variegated leaves. Grows to 12". D-1-6"

Aquatic Mint
(Mentha aquatica) H
Lavender flower on green lush foliage. Grows to 18". D-1-6"

(The list of plants continues on pages 6, 7 and 8. Bring the list with you to the sale, June 7th.)
CORRECTION the June Plant sale is June 7th!

Programs for 1998:

All programs are held at the Denver Botanic Gardens (DBG) unless noted otherwise.

May 17th Sunday

Container Gardening - Get inspired!

Classroom C

Creative Ideas for half-barrels or any other container that will hold water.

Ellen Westbrook

June 7th, Sunday

Annual CWGS Plant Sale

Be there or be square! 10 AM till sell-out.

Set up in Classroom B on June 6th. Sale in the Morrison Center.

July 12th Sunday

Annual CWGS Pond Tour

Directions & location to come.

August 9th, Sunday

Topic to be finalized

2 PM in the Morrison Center.

September 13th, Sunday

Victoria - Amazon Expedition

Nancy, Trey, and Will Styler and Stan Skinger will describe their adventures in Brazil, searching for Victoria lily seeds and exotic birds.

2 PM in Classroom C.

December 5th, Saturday

Holiday Dinner Party

6 PM in the Morrison Center.

Classrooms are downstairs in DBG's main building at 1005 York Street. The Morrison Center is on 11th Avenue, between York and Josephine Streets.

Please direct program inquiries to the Program Chairperson, Carla Littlefield, phone (303) 399-7946, fax (303) 399-0170, e-mail: cclittlefield@compuserve.com.

If you have not renewed your membership for 1998, this will be your last newsletter. If you have a question about your membership status, call Nancy Jewett at (303) 671-7964.

Remember memberships go from January to December and are not prorated.

Nancy Jewett, Membership Chairman

This is your last issue, unless you have renewed!

Volunteer Opportunities by Lynn Jewett

We started preparing the plants for transfer to the DBG pools on April 19th. A very energetic group showed up and much was accomplished. Continue to need volunteers as we expect to be as busy the next few weekends. It is an excellent way to learn how to work with the water plants, and an opportunity to ask other members about water gardening.

Summer maintenance of the water plants is ahead. What a pleasant way to spend part of a summer day keeping cool wading in the ponds, fertilizing and trimming the lilies and talking to the garden visitors as they walk by. Volunteer once a week, once a month, or whenever you have some time. Call me for information Lynn Jewett, Volunteer Coordinator, (303) 671-7964.

Hudson Gardens, Vickie Pervich at (303) 771-6342
Littleton Hospital Pond needs splitting and repotting.
Julie Powell (303) 795-1036
Butterfly Plant  (Asclepias) T
Long, green opposing leaves. Produces clustered flowers in red/yellow, white, and pink. Grows to 24". D-0-4"

Bog Bean
(Menyanthes trifoliata) T
Clustered three leaf foliage with pinkish flower stocks in spring. Grows to 8". D-1-6"

Blue Bell  (Ruellia squarrosa) T
Short, green linear foliage. Produces many small, blue bell flowers. Grows to 12". D-1-6"

Bog Lily  (Crinum americanum) T
Long dark green stalks with outstanding large, white flowers which bloom in Spring and Summer. Grows to 24". D-1-6"

Canna Longwood hybrids T
True aquatic flowering canna hybrids. Large elongated coves, with abundant blooms in red, yellow, orange, or pink in Spring through late Summer. Grows to 4'. D-1-6"

Canna (Canna hybrid) T
Produces orange flowers from Spring to late Summer. Grows to of 4'. D-1-6"

Canna (Americanallis variegata) T
An orange flower with large green and yellow variegated leaves. Grows to 4'. D-1-6"

Canna (Canna flaccida) T
Produces yellow flowers which bloom from Spring to late Summer. Grows to 3'. D-1-6"

Cattail
(Typha latifolia) H
Tall, grassy leaves and produces brown cattens. Grows to 6'. D-6-8"

Cattail
(Typha minima) H
A dwarf version of cattail. Grows to 12-18". D-1-6"

Cattail, Graceful
(Typha laxmannii) H
Long, slender, grass-like leaves. Grows to 4'. D-2-8"

Clover  (Gallium spurium) H
Variegated leaves spread out across water surface, topped with verdant green leaves divided into four parts, like four-leaf clover. Needs to be potted. Grows to 8". D-3-12"

Other varieties: dwarf, four leaf, split leaf, and two leaf.

Cotton Grass
(Suza squarrosa) T
Short, green linear foliage. Produces many small, white tufts resembling cotton. Grows to 8". D-1-6"

Dwarf Papyrus
(Cyperus haspans) T
Grows in a clump and foliage has round brush-like balls on the end of each stalk. Grows to 2.3'. D-1-3"

Florida Crypt
(Physostegia leptophylla) T
Abundant stalks with lavender flowers all Summer. D-1-3"

Golden Club  (Gontium aquaticum) H
Large blue-green leaves grow low to water surface, yellow spike flowers. D-1-6"

Gymnocoronis
(gymnocoronis spilanthoides) T
Short, green linear foliage. Produces many small, blue bell flowers. Grows to 12". D-1-6"

Hawthorn, Water
(Aponogeton Distachyos) H
Spring and Fall blooming. Fragrant white flowers are held above water. Oval, elongated, green leathery leaves float on the surface. D-3-8"

Hibiscus, Water  (Hibiscus) T
Large and small flowering species in red, white and pinks. 30-48". D-1-6"

Houttuynia
(Houttuynia cordata) H
Multi-branched, heart shaped foliage. Variegated, with multi-colored leaves of white, green, red and maroon. Grows to 8". D-1-6"

Iris-Blue  (Iris versicolor) H
Produces violet-blue flowers which bloom in early Spring. Grows to 24". D-1-6"
Iris-Yellow (Iris pseudacorus) H
This Spring bloomer has bright yellow blossoms and sword-like leaves. Grows to 3'. D-1-6"

Iris, Louisiana (Iris) H
Graceful narrow foliage with flowers in reds, purples, maroons, violets, pinks, and blues. Blooms in Spring. Grows to 3'. D-1-3"

Lizard's Tail (Saururus cernuus) H
Triangular foliage with unique narrow, white spike blooms that resemble a lizard's tail. Grows to 2'. D-1-6"

Lobelia (Blue - Lobelia siphilitica, Red - L. cardinalis) H
Blue flowering and red flowering spikes on green and reddish green foliage. Grows to 2-3'. D-1-6"

Marsh Marigold (Caltha palustris) H
Waxy, green clumping leaves with yellow flowers blooming in early Spring. Grows to 12". D-1-6"

Parrot's Feather (Myriophyllum aquaticum) H
Green featherly foliage which trails over the water's surface. D-3-12"

Pickerel, Blue (Pontederia cordata) H
This plant continually produces violet-blue flowering spikes from early Spring to late Fall. Grows to 3'. D-1-12"

Reed, Variegated Giant (Arundo donax variegata) H
Clustered canes with green and white leaves may be 12" long. Grows to 24-30". D-1-6"

Rush, Corkscrew (Juncus effusus spiralis) H
Slender, twisted, coiled stems. Grows to 24". D-1-6"

Rush, Flowering (Butomus umbellatus) H
Triangular foliage with pink spike flowers atop green stalks. Grows to 24-30". D-1-6"

Rush, White (Scirpus albescens) H
Needle-like stalks, white with pale green strips. Grows to 24-30". D-1-6"

Sagittaria - Arrowhead (Sagittaria latifolia) H
Clusters of white blooms adorn this plant with arrowhead-shaped foliage. Blooms early Summer through Fall. Grows to 2'. D-1-6"

Sagittaria - Narrow (Sagittaria lancifolia) T
This plant has long stalks, produces large, wide leaves and clusters of white flowers. Grows to 3-4'. D-1-6"

Spiderwort (Tradescantia chiensis) H
Green, linear leaves adorned with an abundance of blue blooms make up this plant that grows well in shallow water or damp soil. Grows to 12". D-1-3"

Star Grass (Dichromena colorata) T
Long, narrow, grassy foliage. Star-shaped white flowers on long stems. Grows to 18". D-1-6"

Taro - Green (Colocasia esculenta) T
A member of the elephant ear family, this lush green plant has big leafy foliage. Grows to 3'. D-1-12"

Umbrella Palm (Cyperus alternifolius) T
Grows in clumps with crowns of green, grass-like leaves at the tips. Grows to 6'. D-1-6"

Water Poppy (Hydrocleys nymphoides) T
This has small water lily-like pads which float on the water's surface. Yellow blooms rise 2" above the surface during warmer months. D-3-9"
Floating Heart
(Nymphoides peltata) T
Floating stems of heart-shaped foliage, with yellow flowers held above water surface all summer.

FLOATING PLANTS

Azolla (Azolla caroliniana) T
Green, fern-like moss floater. Turns reddish in the fall.

Water Hyacinth
(Eichhornia) T
Floating water hyacinths have glossy waxed leaves set atop spongy leaf stalks. Flowers are on a single spike, usually blue to purple in color.

Water Lettuce (Pistia stratiotes) T
Commonly known as "shell flower", this floating plant has pale green, shell-shaped leaves.

Ludwigia (Ludwigia sedioides) T
Floating stems of willowy foliage, topped with yellow flowers all summer. Needs to be potted. 4-1-3"

Salvinia (Salvinia rotundifolia) T
Clusters of bright green, hairy leaves float on surface.

OXYGENATING PLANTS

Anacharis (Egeria densa) T
Anacharis has narrow, dark green, curled leaflets attached to long, branching stems.

Cabomba (Cabomba pulcherrima) T
Foliage consists of dark green bristles carried along thin stems. Produces small white flowers with yellow centers.

Myriophyllum (spp.) T
Hair-like foliage traps debris. Good for fish spawning.

Umbrella Palm

In This Issue... THE CWGS PLANT SALE IS JUNE 7TH (see details inside)