Elections held at September meeting

Call for nominations for board positions

Members will elect board members for the positions of President, Treasurer, Member-At-Large and Program Chairperson at our September meeting. The term of office is two years for each.

Any member of the organization is eligible to run. Members may express their interest in running, or be nominated by another member of the organization for these positions. If you would be interested in running for a position contact Carol Tuttle, CWGS Secretary at 303-766-6820.

Board members are required to attend five board meetings which are usually held the same day (at noon), in the same location as general meetings. Special board meetings are held at a central location with adequate notice.

At this writing, Carla Littlefield (Member-At-Large) and Craig Russell (Program Chairperson) have expressed they will not be running for their current positions.

No experience is necessary; the only requirement is interest and a desire to participate in creating a positive direction for CWGS.

Article V: Duties of Officers

Sec. 1 President: The President shall
A. Preside at all meetings and act as administrative head of the Society.
B. Sign checks for the Society if the Treasurer is absent or in case of an emergency.
C. Appoint committees as needed with the approval of the Board of Trustees.
D. Perform such duties as directed by the Board of Trustees.
E. Conduct official correspondence if desired.

Sec. 3 Program Chairperson
A. Shall develop the program content for all regular or special meetings of the Society and handle all arrangements and logistics for speakers or other program designs as approved by the Board.
B. May be assisted by other members of the Society for special projects, tours, etc.

Sec. 5 Treasurer: The Treasurer shall
A. Collect and be responsible for the safe keeping of all funds of the Society.
B. Keep an accurate and up to date record of all monies due, collected and disbursed.
C. Perform such duties as directed by the Board of Trustees.
D. Furnish a written financial report to the Board of Trustees at each meeting and to the audit committee once each year.
E. Perform such other duties as directed by the Board of Trustees.

Member-At-Large
No specifications included in the by-laws, but assists with all organizations functions and official activities in providing general support.

Koi Show scheduled for Labor Day Weekend

Plan to attend the RMKC KOI Show at Ocean Journey Event Center Tent. September 1, 2 or 3rd. At this time CWGS is planning to construct a water feature for the show. The show is from 10:00 AM to 5:PM Saturday and Sunday and from 10:00 AM to 1:00 PM on Monday. Judging of the KOI will be Sunday morning. There will be vendors selling pond equipment and fish. There are plans to have speakers on KOI and watergardening topics. The entry fee is $7.00 per adult and children under 12 years of age are free. If you are an Ocean Journey member or have bought a Ocean Journey ticket the cost is only $5.00 per adult.

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Pond Tour Photos see page 5

Make your own Shishi Odoshi bamboo fountain see page 3
Officers and Committee
Chairs for 2000

President
Cyndie Thomas 303 755-1885
Vice President
Stan Skinger 303 237-0071
Secretary
Carol Tuttle 303 766-6820
Treasurer
Mike Gibson 303 986-7895
Programs
Craig Russell 303 443-7877
Members-at-Large
"Moe" Belisle 303 744-0745
Carla Littlefield 303 399-7946
Committees:
Membership
Nancy Jewett 303 671-7964
Volunteer Coordinator
Damon Ginnow 303 480-9544
Publicity
Nancy Styer 303 850-7150
Archivist
Mary Miron 303 922-9559
Speakers Bureau
Bob Hoffman 303 978-0124
DBG May Plant & Book Sale
Carla Littlefield 303 399-7946
Bob Hoffman 303 978-0124
CWGS June Plant Sale
Cyndie Thomas 303 755-1885
Stan Skinger 303 237-0071
Bob Hoffman 303 978-0124
July Pond Tour & Picnic
Craig Russell 303 443-7877
Newsletter Editor
Bob Hoffman 303 978-0124

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"Thank you" to our pond tour hosts! We also need to extend a special "thank you" to Steve Forgy for his assistance to Craig Russell in putting together the special ponds for our viewing enjoyment this year. If you missed the tour check out our page of photos in this issue. As soon as our server can be accessed I will put up pond tour photos - several from each member's pond.

Please attend our August 12 meeting to hear our special guest speaker from the world renowned Lilipons Water Gardens. His expertise will provide everyone with something new to use at their pond. Hope to see you there!!! We also will have some special door prizes to give away!

Len and Doris Freestone- “The Cleaners”

Len and Doris Freestone spend Sunday mornings throughout the summer fertilizing and cleaning the lilies displayed in all the ponds at Denver Botanic Gardens.

Their volunteer efforts are invaluable to not only the health of the plants, but to the eye appeal for the numerous visitors.

Thank you Len and Doris for all your time and great work!!!

Don't forget CWGS has a website with pond information, meeting dates and membership information. Share it with a friend!

www.colowatergardensociety.org
Pond Tour 2001

1. Keith Funk
Keith is one of the KEZW “Gard.N-Wise Guys.” His 1800 gallon pond was installed in May, 2000. It features several waterfalls, a streambed, and is one of the focal points of a large perennial border.

2. Georgina and Rick Keller
The Kellers installed a small backyard pond, approximately 700 gallons, that can be viewed from a sun room on the back of their house.

3. Dave and Debra Foster
This 1500 gallon pond, installed 5 years ago, is the focal point of a small, semi-shaded back garden.

4. Karin Heine
This large pond, bog garden and creek is geared for wildlife. The backyard is designated an Official Wildlife Habitat from the National Wildlife Federation.

5. Theresa & Erik Wood
Theresa and Erik wanted to install a pond and after apprenticing with Scott Hayward, they hand excavated their pond about 2 years ago.

6. Dave and Jill Pepper
The Pepers current pond is 2 years old and replaced a 700 gallon pond they found too small to winter over Koi.

7. Scott and Bev Hayward
The Haywards have numerous ponds and water features ranging in size from a few hundreds gallons to over 3000 gallons. The largest is approximately 15' X 35' and includes a waterfall. Throughout their property they have over 120 varieties of hardy lilies and more than 20 varieties of tropical lilies.

8. Steve Forgus
This owner designed and built pond features a 1500 gallon main pond 8' X 15', three shallow pool sheer waterfalls and a 2' X 15' adjoining bog.

The Water Garden
Build your own Shishi Odoshi "Deer Scare" bamboo fountain

by: Paul Lewis
photos: Dave Starrett
illustration: Len Churchill

A solitary clack echoes through the garden and fades. We are reminded of the passage of time.
The shishi odoshi, a traditional Japanese fountain, was originally used to scare away deer who would otherwise feed on tender shoots in rice paddies.
The Water Hammer is now a common element in many Japanese gardens. Upon entering, one takes a drink from the basin, symbolizing internal purification; washes the hands, symbolizing external purification. The sound of the clack of bamboo penetrates the garden and fades. We are reminded that time is moving on.

Detailed construction information on page 4.
You Will Need

<table>
<thead>
<tr>
<th>Part</th>
<th>Size</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legs</td>
<td>1 1/2&quot; x 30&quot;</td>
<td>2</td>
</tr>
<tr>
<td>Crosspiece</td>
<td>2 3/4&quot; x 11 1/2&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Water spout</td>
<td>1&quot; x 9&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Centre tube</td>
<td>2&quot; x 27&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Pivot rod sleeves</td>
<td>1&quot; dia. x 1 3/4&quot;</td>
<td>2</td>
</tr>
<tr>
<td>Back leg</td>
<td>1 1/2&quot; x 10 1/2&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Base dowels</td>
<td>1&quot; dia. x 3&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Base (polyethylene board)</td>
<td>3/8&quot; x 9 1/2&quot; x 11&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Pivot rod (steel)</td>
<td>5/16&quot; dia. x 6 3/4&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Rod ferrules (brass)</td>
<td>3/8&quot; dia. x 3/4&quot;</td>
<td>2</td>
</tr>
<tr>
<td>Pump used for this project is made by Little Giant, model no. PSL-007</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The most challenging aspect of this project is finding the raw bamboo. Start your search in the Yellow Pages under rattan, bamboo and wicker products. You can repurpose inexpensive bamboo oil lamps. Check them carefully for quality bamboo.

Chop Chop

In keeping with the spirit of the project, I used a small Japanese pull-saw, or dozuki, to cut the pieces to length. When cutting, pay attention to the location of the nodes, the darker raised rings that circle the shoots at regular intervals. The centre tube requires a node just in front of the pivot rod and the bottom of each leg should be free of any nodes that would impede the insertion of the base dowels. Once the pieces are cut to length, drill the 3/8" pivot rod holes in the centre tube and the legs. The holes in the crosspiece are drilled using a spade bit slightly smaller than the diameter of the legs and water spout that join with them. I then tapered each end of these parts slightly using a stationary disc sander. The final drilling procedure is to drill out the nodes inside one leg and the water spout to allow the plastic tubing through. I accomplished this by chucking a 1/2" spade bit on an 8" extension and guiding it through each tube.

Three Hands Required

Before assembling the pieces, feed the plastic hose through the leg, crosspiece and water spout. Insert the brass ferrules into the holes on the centre tube and fix with a dab of glue. Arrange the bamboo pivot rod sleeves and centre tube onto the pivot rod, then capture the whole assembly between the legs. Dry fit the legs and water spout into their holes before the final assembly with polyurethane glue.

Base Assembly

The base for the fountain is a 3/8"-thick polyethylene kitchen cutting board. Cut it to size using a tablesaw, then attach the hardwood dowels with stainless-steel screws countersunk from below. The legs of the fountain can now be slipped over the dowels and fastened with one screw each. If you don’t have a pond, you’ll need a reservoir to hold the circulating water. Any watertight container will do. Once your container is buried, drop in the pump and lay a sheet of hardware cloth over the opening. Position the fountain so the centre tube will empty into the reservoir, and cover the base and hardware cloth over with river rock. Fill up the reservoir with water and plug the pump into a GFCI-equipped outlet and sayonara to those pesky deer.
We can use tropical marginals in our ponds, but they must be removed and brought indoors before it gets too cold. Just because they are not hardy shouldn’t mean that they should be ignored. They can be used as an annual or a house plant in the winter.

"Tropical Marginals"

Taro (Arecaceae)  Taro can grow large leaves and if the plant is in a small pot it will blow over in the wind. Many of the darker varieties will appreciate some shade because their leaves will burn in the sun. Taro can be used as a house plant in the winter and these plants may be stored like canna bulbs in a cool dry spot. I would suggest a unheated crawl space. Bring them in at the first sign of frost or earlier.

_Colocasia esculenta, 'Green Taro' This is the basic taro that grows best here. It can grow taller than the others up to four feet, and does well once established in the sun._

(Tall)

_Colocasia esculenta var. fontanescii 'Violet Stemmed Taro', This plant will enjoy some shade. The plant may not get quite as tall as the green taro, but will grow to a nice three feet. The stem is violet with a green leaf._

(Medium)

_Colocasia affinis var. Jenningsii 'Black Princess', This plant in dark purple and will sun burn if not kept in some shade. This is very true when it is very young._

(Medium)

_Alecolasia amazonica 'Variegated Taro' This plant may take sometime to get started. The plant will look very nice in the pond._

(Small to Medium)

Umbrella Palm or Umbrella Sedge (Cyperus) This plant can come in many sizes. With different sizes some will do well in large ponds, others in small ponds and yet others will do well in containers. The plant will also do nicely indoors as a house plant.

_Cyperus alternifolius 'umbrella plant', this plant grows 3 to 4 feet for me, but may grow taller indoors. This plant can get too tall and be blown over in the wind. The plant is hardy to (zone 9)._  

(Medium)

_Cyperus alternifolius 'Graciilis', dwarf umbrella palm will only grow a foot or two and handles the wind better than the taller version._

(Small)

_Cyperus haspan ‘Tufted top’, This is another smaller version with a nice toast colored tufted top._

(Small)

_Cyperus papyrus ‘Tall specimen’ This is a plant that maybe better indoor because of it 7 to 8 foot size. If it is used outdoors plant in a large container and don’t plan on moving it._

(Tall)