

The Inland Koi *Connection*



THE OFFICIAL
NEWSLETTER
OF IKS
ISSUE 184
SEPTEMBER 2011



*Kimberly Crest
House & Gardens*

*September 25
2011*

3:00 - 6:00 pm



**1325 PROSPECT DRIVE
REDLANDS, CA 92373**

PHONE: 909-792-2111

**KIMBERLY CREST
MANSION
IN
REDLANDS,
CALIFORNIA**

Kimberly Crest House and Gardens, a home museum featured on the PBS series "America's Castles." Named after the family who purchased the house, the owners of Kimberly-Clark (makers of paper goods and Kleenex), it is a beautiful mansion set high on a hill overlooking the whole valley.





The meeting at Nick and Peggy Milfeld's was 15 degrees cooler in the backyard where the pond and pool were located than in the front yard. Attendance was great and everybody enjoyed being there.

Our speaker was Andy Moo from Andrew's Koi International, located in Anaheim. He has been a judge in Koi shows and still thinks of himself as a Koi hobbyist. He provided a lot of valuable information for the IKS members.

There are two things I am concerned about:

1) Most of the meetings this year have been at board members' homes. We need members to step up to the plate and volunteer their ponds for IKS meetings. Hosting gives you an opportunity to show off your Koi pond and location and encourages other Koi club members to see how your efforts work in improving a pond. No one ever completes their pond; as we all know, after you complete a project, you come up with new ideas to be done or things that should have been done. Your pond doesn't have to be finished to give other members ideas on what they could do with theirs. Members have always enjoyed seeing other members' ponds. Contact our VP Ed Kushner (edkushner@msn.com or 951-520-0092) who needs your help to provide locations for the IKS membership to enjoy the socializing, pot luck and educational opportunities of the monthly meetings.

2) Healthcare and Koi rescue are additional benefits offered to members, but they are provided by less than a handful of IKS members. Our club is getting many calls from members and nonmembers wanting to have us rescue their fish. Our present club policy is that we only work with IKS members to rescue fish and help with Koi health problems. Because of the economy, some people are shutting down their ponds and looking for help. We need additional club volunteers and, as these calls can come on any day of the week, this volunteerism would be best served by retired members. We will need volunteers to manage, advise and obtain the fish that we would agree to rescue and help the Koi community, which is one of the reasons the IKS exists. Contact our VP, Ed Kushner (edkushner@msn.com or 951-520-0092), who is chairman of the Koi rescue and holding process. As a possible solution, we are looking into constructing a permanent club holding pond with the idea of offering rescued fish for adoption and holding some of the Koi for the biennial IKS auction.

I look forward to this month's meeting at Kimberly Crest in Redlands and to seeing all of you there.

Dennis Lynaugh

Dennis Lynaugh - IKS President

BOARD of DIRECTORS <i>Inland Koi Society 2011</i>		Inside This Issue	
PRESIDENT: DENNIS LYNAUGH (951) 780-0123 dlynaugh@pacbell.net		•Oval Pond •Board Members •Help Line	2
VICE PRESIDENT: ED KUSHNER (951) 520-0092 edkushner@msn.com		•Sept. Pond and Host Profile •Map and Directions •Information	3
SECRETARY: PEGGY MILFELD (951) 780-7395 milfeld@msn.com		•Laguna Koi •Gambling •Printing Connection •Make-A-Wish	4
TREASURER: SANDY HANSON (951) 682-3107 hanson_sandy@yahoo.com		•August Notes & Recap of Meeting •More Map & Info •Harrison's Koi Farm	5/6
NEWSLETTER EDITOR: DEBBY LEVERETT (951) 781-3887 jenniferd11950@hotmail.com		•Proposal •IKS Bus Trip •Welcome •Inland Koi, Quality Japanese Koi •Beauty in Eye	7/8
DIRECTOR: BOB HENRY (909) 783-2373 bigoldgiantbob@sbcglobal.net		•Seasons •Environment •Food Recommendations	9
DIRECTOR: MAC McCLAIN (909) 225-2346 jmksmclain@gmail.com		•Water KH Values •Love Built House •Wearable Art	10
DIRECTOR: MARK KRAKOWER (951) 371-2223 kraktronix@sbcglobal.net		•Calendar / Events •For Your Info. •What's Happening	11
DIRECTOR: Raffle Manager MARY LEEVER (909) 862-3028 mary@leeveerelectronics.com			
DIRECTOR: NICK MILFELD (951) 780-7395 milfeld@msn.com			
DIRECTOR: REY QUIRONG (951) 660-1475 qrejoyz@yahoo.com			
DIRECTOR: LARRY WOLF (951) 218-1777 larry_a_wolf@msn.com			
~HELP LINE~		REFERENCES	
• INFORMATION:	JACK MARRIN	(909) 792-3603	
• KOI HEALTH	TOM WRIGHT	(951) 637-5479	
• LIBRARIAN: Books, Videos	REY QUIRONG	(951) 6601475	
• MEETING SITES:	ED KUSHNER	(951) 520-0092	
• MEMBERSHIP:	TEE WRIGHT	(951) 637-5479	
• NEWSLETTER ADS:	DEBBY LEVERETT	(951) 781-3887	
• AKCA REPRESENTATIVE:	MAC McCLAIN	(909) 225-2346	

The Gardens at Kimberly Crest

The Italian terraced gardens were designed by G. Edwin Bergstrom, a prominent Los Angeles architect and a son-in-law of the Kimberlys. Bergstrom successfully interpreted Mrs. Kimberly's wishes for an Italian garden. Terence Herstrom, director of gardens and grounds, revives and designs the breath-taking gardens today. The gardens include never ending Mediterranean borders, cascading fountains, lily and koi ponds, multiple terraces, curved stairways and engulfing orange groves - all reminiscent of Renaissance Italy.

The luxuriant gardens and grounds provide an aristocratic setting for important private events. Wedding ceremonies often take place at one end of the main terrace in a semicircular nook where a wisteria-covered arbor makes a classical backdrop. Kimberly Crest provides the perfect setting for an exclusive outdoor event.

The House at Kimberly Crest

Kimberly Crest, a picturesque French chateau style home built in 1897, is a well preserved example of the Victorian Era in California. The 7,000-square foot, three-story chateau sits on a six-and-one-quarter acre estate two miles south of downtown Redlands, at 1325 Prospect Drive, and is enjoyed by more than 11,000 visitors annually.

Originally built by Mrs. Cornelia A. Hill, a widow from New York State, the home was purchased by J. Alfred Kimberly (a co-founder of the Kimberly-Clark Corporation) and Helen Cheney Kimberly in 1905. Their widowed daughter, Mary Kimberly Shirk, lived in the home from 1920 until her death in 1979.

The house's unique features include a French revival parlor complete with gilt furniture and silk damask wall coverings. Terraced Italian gardens, orange groves and ponds surround this historic landmark home. The lily ponds feature radiant Koi; vivid red, pink and yellow lilies against deep green majestic lotus blossoms; and papyrus. **In 1998, KSA was made an honorary member of the Inland Koi Society which maintains the lily ponds at Kimberly Crest.**

In 1963 there was a community effort to raise money to purchase Prospect Park (a 39 acre botanical park east and adjacent to Kimberly Crest) for the City of Redlands. To motivate support for this project, Mrs. Shirk promised to give her home to the "people of Redlands," if the needed money was raised. The park was acquired in 1968. The following year the Kimberly-Shirk Association, a non-profit corporation was formed. In her will, Mrs. Shirk left the house to the Association for the people of Redlands. The house and grounds are open to the public from 1:00 to 4:00 p.m., Thursday through Sunday, September 2011 through July 2012.

Tours

Guided tours start every 30 minutes with the last tour beginning at 3:30 p.m. Admission donation is \$10 for adults, \$8

for students and seniors, and \$5 for children 6-12; children 5 and under will be free

The option of taking the tour is your own, but you will have to come earlier than when we are getting together for our 3:00 pm General IKS Meeting.

We will be setting up in the shade of a huge magnolia tree, on the grass to one side of the pond; bring your chairs or a blanket, like you would at a park. There will be no electricity, but we do have EZ-Ups for shade, if more is needed. Bring something light to share in the potluck, please, and you know the club always supplies the drinks.

There is a parking lot off Prospect with 31 spaces. It is a short walk into the gardens, but with 25 stairs along the way. People may be dropped off at the top in the mansion driveway and take the easier path down to our area; it is a tight turn around for drivers who will need to return to the bottom to park.

The program this month will be a "Panel of Five" discussing and answering your questions. A panel discussion is designed to provide an opportunity for a group to hear several people knowledgeable about a specific issue or topic present information and discuss personal views. A panel may help the audience further clarify and evaluate their positions regarding specific issues or topics being discussed and increase their understanding. We will have paper and pens available for you to write questions about anything you'd like to hear, discuss, or know. A moderator will collect all papers and present subjects to the Panel.



Nice Facilities



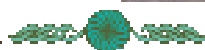
Magnolia Tree



Please see more map and directions on page 6



Larry & I standing under the huge, gnarly magnolia tree, beside the brick walk way.



Gambling Addiction

Problem Gamblers & Affected Loved Ones
Are Eligible for NO COST Treatment



GET HELP NOW Located in Corona

951-316-1174 • 909-292-6888 • Se Habla Español

www.helpingstopgamblingaddiction.com

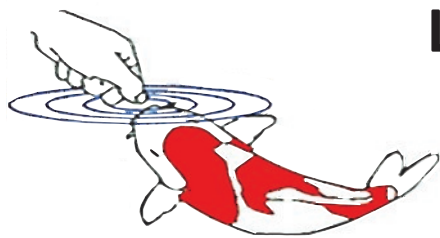


MEMBERS:

When you check in at meetings, look for **Question of the Day** forms at the sign-in table; write down any pond-or club-related questions you have and turn them in.

DON'T FORGET!

There will be time in the meeting to answer all questions posed. Often the questions are common to other members, too, and everyone learns something from the discussions that usually follow.



LAGUNA KOI PONDS

Ben Polonski

20452 Laguna Canyon Road, Laguna Beach, CA 92651
 bplonski@lagunakoi.com Phone (949) 494-5107 Fax (909) 494-1679

Jack Cords



20% Off For First Time Customers!

800.491.1964 • 951.351.9437
 printingcolor@yahoo.com • www.printingconnection.net
 11800 Sterling Ave., Suite E • Riverside, CA 92503

September is all about making wishes come true! Along with Ice Cream Lovers like you, Cold Stone Creamery® has been helping the Make-A-Wish Foundation® make wishes come true for children with life-threatening medical conditions. All month long Cold Stone stores will be accepting donations to the Make-A-Wish Foundation. Visit any Cold Stone Creamery store and show your support for the Make-A-Wish Foundation by purchasing a Make-A-Wish paper star for just a dollar!



COME INTO A COLD STONE TODAY
DONATE TO HELP MAKE WISHES COME TRUE!
AND RECEIVE A FREE
SPRINKLED WITH WISHES™ CREATION™

AND...WE'RE HOSTING THE WORLD'S LARGEST ICE CREAM SOCIAL TO SUPPORT THE MAKE-A-WISH FOUNDATION ON TUESDAY, SEPTEMBER 27TH BETWEEN 5 AND 8 P.M. WHERE CUSTOMERS WILL GET A FREE TASTE of our Sprinkled with Wishes™ Creation™ - Sweet Cream Ice Cream, Brownie, Rainbow Sprinkles and Fudge!

Free ice cream refers to 3oz. sample of Sprinkled With Wishes™ Creation™ served in a Like It™ cup. Waffle Products and extra mix-ins available for additional charge. Valid only during published date and time. While supplies last. No substitutions. Limit one per customer. 100% of all donations in September will benefit the Make-A-Wish Foundation®. For more information about the Make-A-Wish Foundation, visit wish.org.

Advertising in the Inland Koi Connection includes your Ad on our

inlandkoi.org website

BUSINESS CARD	\$100 / year
QUARTER-PAGE DISPLAY	\$140 / year
HALF-PAGE DISPLAY	\$275 / year
FULL-PAGE DISPLAY	\$550 / year

Approximately 135 copies of the Inland Koi Connection are printed and mailed ELEVEN times yearly. For more information call Debby, IKS Editor, at (951) 781-3887

Pro-rated prices available after July

Another miserable day in the IE! "It's 105° out there!" everyone cried as they came through the gate into the shade, which gave us about a 15° drop but no less humidity. Yet very soon a gentle breeze came up and stayed all afternoon. Thank you to **Rey & Joy Quirong**, who came an hour early with the five EZ-ups and helped set them up; we had more shade than full sun — enough that 54 members could sit in it. We were pleased to see **Roy McNutt, Mark & Charlene Whalen, John & Ann Geerken, Tom & Zuma Ross** and **Greg & Laura Pollak & Ian** again after several months' absences [*Isn't that Ian growing!*]; and our newest members, **Kevin Roebke, Jodi Holmes**, and **Pamela Holtorf**, were all there, too.

Not many main dishes were on the buffet table, but plenty of light salads and sandwiches, fresh fruits and watermelon, KFC and chili, and DESSERTS, so many that we couldn't eat them all! Lemon, apple and cherry pies, cookies and cakes, brownies and brittle, and a continental cheese-and-fruit platter. Yum! And thanks for the leftovers!

Dennis had host **Nick Milfeld** give a brief pond talk—so many members are already familiar with this pond—and then made a couple of announcements. **First**, the club is seeking volunteers to host meetings in the coming months; willing members should contact VP **Ed Kushner**, Site & Speaker Chairman. **Second**, we receive frequent calls from nonmembers seeking koi rescues. We offer this service to members, but to nonmembers only if we have a relocation site available. Knowing of members who want some new fish at no charge and who can quarantine them before introducing them to their existing ponds would be helpful. Ed fields the rescue calls, too, and would like to hear from anyone who would like to adopt fish, or who knows of others who would.

You missed a truly good presentation if you stayed home from this meeting. Andy Moo, the owner of Andrew's Koi International in Anaheim, has spent most of his life playing with koi, and he speaks with vast knowledge and authority. He covered four major topics—**water quality, feeding, growing out, and preparing for winter**—with time for questions between topics. We didn't ask the questions... either we hit info overload, or Andy made things so clear we got it! This is what he said...



Most important for healthy koi is **water quality**: "**Water keeping is the key to koi keeping.**" Poor water can cause koi not to feed well and even not to reproduce. [*Then is a season without spawning a sign of poor water quality?*] •Start by keeping leaf traps clean. •Remember that overfeeding leads to murky water, especially if your schedule only allows for AM and PM feedings; your koi should have several smaller, frequent feedings during a day, allowing time for complete digestion. Exercise also promotes more complete digestion and thus leads to cleaner water. •Evaporation becomes an issue in our area, but just setting a spraying garden hose to 'fill 'er up' isn't the best policy. Barring the use of an auto-fill device, Andy suggested the safer way would be to put the garden hose at the top of a waterfall, trickling 24/7 at about 10gph, which allows any chlorine to dissipate before it reaches the pond. •When you backwash a filter, try to recycle the water into the garden. Great fertilizer!

Of all the variables to water quality, the key is to "**Get the hardware right first—i.e., the filtration—then get the fish...slowly.**" Andy was quite complimentary of the Milfelds' pond, saying the water was amazingly clear. Too often the filter is too small for the volume, and "having to make water changes is not a solution but a desperate measure." He shared a story of a customer who couldn't keep the water clean and healthy so did frequent water changes; but every time he did so, he killed all his koi, then came in to buy more. Great for sales, fatal for the koi... The smaller filters should be backwashed regularly, but a larger, more adequate system should be cleaned before and after the 'growing season' of April/May through October.

On to the topic of **feeding**... Andy assured us there is no one perfect food, so he recommends a koi cocktail, mixing various foods to reap the benefits of each. A high quality all-season koi food should be high in vegetable matter, lower in protein, and easy to digest. It should also include vital nutrients and minerals that koi need for color and health. This will create less waste to foul the water in the cooler months. •Carp eat all day, so he recommended an automatic feeder set to release every one or two hours for one or two minutes; one cheap model has a timer that allows 14 settings. •Koi require 3% of body weight in food daily, and the

more frequently fed, the better. In growing out trials, heavily scheduled feeding made the difference. •Did you know you can tell the sex of your koi by the way they feed? "**Females eat like packhounds, while males grab a few pellets and go down to the bottom; by the time they come up again, the female has eaten five times as much.**" [*So I've been watching ours, and Andy must be right! Shameful gluttony!*]

Talk of feeding is almost synonymous with talk of **growing**, especially if your goal is maximum size and or show-quality koi. Details of such goal feeding makes a strong case for having a second smaller pond reserved for growing your best koi. "**Males win more often at the shows,**" and may be kept in a smaller, even dirtier, pond where they can be lazy simply eating and growing. Females need clean, deep water; a small pond won't bring out their potential.

Exact care may be taken to feed for growth and development, especially if you plan to show your koi. "**Spring shows see better color than Fall shows,**" and you can prepare or condition you koi to show their best. Although we don't have real winters like Japan or the East Coast, we can still stop growth and feeding to give the fish the chance to have their colors come up. Feed for growth all summer—April/May through October—but don't give "color food" until August. •Thirty days before a show, begin mixing 70% summer 'grow' food (it should be at least 40% protein) with 30% spirulina. Adjust the ratio every few days to decrease growth food and increase spirulina, from 70:30 to 60:40 to 50:50 and so on, all the way down, then back up until you are back to your regular food mix. •Do stop all color food by October, leaving one good growing month before winter brings cold water and the gradual cessation of feeding altogether; as they rest, the colors become richer.

Andy feels there is no **good** color food: spirulina formulas (up to 10%), from a spirial blue algae, are hard to digest, and the new 15% spirulina can mess up a koi's white (even at \$300 a bag!) You can't afford that when 95% of your prize Tancho should be a pure white canvas! [*"Tancho" refers to the Japanese crane, which is white with a single red blotch on the head, but the Tancho trait is highly valued because the pattern is similar to the Japanese flag—white with a red sun.*] This makes a case for the growing pond where you limit which koi get which foods.

Changes...every season has them. Again, although So Cal doesn't have a true winter, we still need to prepare our koi for a season of reduced activity. When the water temperature starts to fall and the daylight hours are less, koi stop growing, so from July through October/November, make sure they will put on enough fat to make it through a long fast, then gradually reduce their intake and the frequency of feeding to 2-3 times a week until they are receiving nothing when the water temp reaches 50°F. You can give them lemon slices for the vitamin C that will disappear from their food supply. There should be no water changes from the end of November into February when you should start feeding gain. In February and March, feed koi patiently, even soaking their first foods in lemon juice to soften them and keep the vitamin C level up. [*So...can koi develop scurvy?*] During these transition periods it is important to clean any leaf traps every other day—the fish are **so sensitive** then. "**We have to do extra work to help koi grow to maximize size, beauty and health.**"

Hastening to finish, Andy had just a few more admonitions to share with us. •Medications should not go into the pond except a twice-yearly treatment to kill parasites. •Don't change your filter system during the growing season. •When buying koi, consider your filter capacity for the maximum number of fish you should have...and keep in mind that the fish will grow. •Design your filter system for what you presume to be a maximum number of koi, *plus 20%*.

Everyone was enthused by the wealth of information shared. It was a long presentation—worth every minute—and we thank Andy for graciously taking the time to join us. A few closing announcements: •Our **annual Field Trip**, a day early on **Saturday, October 22**, will be to Roger's Gardens and Sherman Gardens in Corona Del Mar, with lunch on your own in the food court of South Coast Plaza and a visit to their indoor koi pond. Sign-ups will be taken at the September meeting. •**Mark Krakower** invited any poker players to a **Texas Hold'em event** on October 29; a worthy cause, a \$50 buy-in includes two drinks. Call him! **Nick Milfeld** called the raffle, coaxing and cajoling everyone to step lively. **Patricia Hurley** was thrilled to win a beautiful koi donated by Andy. We closed with "See you in September!" to all.

So much information was to be covered in his presentation that Ed video-taped Andy's talk. With his permission it may be posted on the website, or a copy will be available in the library for personal review.

~submitted by Peggy Milfeld

HARRISON'S
KOI FARM

POND KOI • SHOW QUALITY KOI
 2000 KOI on display from 3" to 30"

Specializing in hard to find varieties

- KOI FOOD
- SUPPLIES
- EQUIPMENT
- CONSULTATION

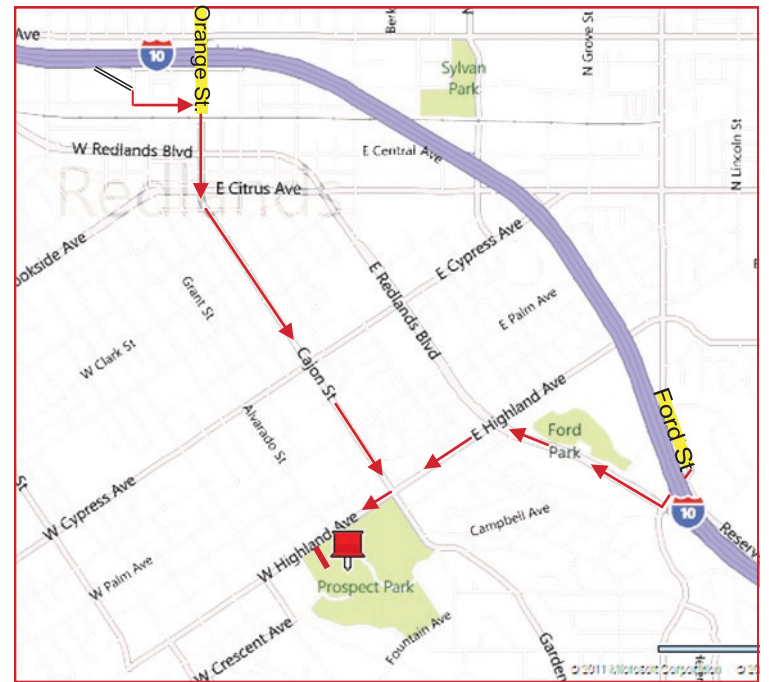



Terry & Koren Harrison
 5580 / 5582 Rio Road
 Riverside, CA 92509

(951) 369-9998



Exit Orange Street off the 10 Freeway in Redlands / or Ford Street off 10 Freeway

- Lily Pond
- Narrow Driveway to use temporarily for dropping off members who can not climb stairs. So, be sure to walk on the Brick Walkway down to the Magnolia Tree
- Kimberly Crest
- Huge Magnolia Tree
- Koi Pond
- Brick Walk way
- Easy Stairs
- Entrance from parking lot

Following W. Highland Ave in Redlands, Enter left on Prospect Drive



A Modest Proposal...

Have you ever thought about showing off your pond to the club, but feared trying to get 50, 60 or more people seated with room to spare for food tables and speakers and all that, not to mention having half of them wandering through the house to use the bathroom? We understand! Have you thought it would be fun to be on one of the Pond Tours, but there's never enough others nearby to create the tour? Or maybe you are reluctant to have a few hundred people tromp through and trample your yard? Or maybe the pond is finished but the yard isn't...maybe the pond isn't either, yet. We understand that, too!

Well... What if we could visit with the guarantee that not a blade of grass would be touched, not a door would be opened, not an hour would be lost, yet everyone would get the grand tour and understand your enthusiasm for koi? Would you invite us over for a few minutes fitted into your schedule, not ours?

We are hoping to plan a **Virtual Tour** of our reluctant members' ponds for a future meeting that needs to be held indoors, and what we are asking is cooperation from a lot of members we rarely see or never get to visit. The idea is to have as many members as possible take their own photos as if on a tour of their own ponds. Snap a shot from the street maybe, or through the garden gate; approach the pond from several angles, distant and close-up; spray the cobwebs off the filter equipment and take shots of it; capture some views of your fish, the waterfall, the details that make your pond special to you. Show it off! And don't show anything you don't want to show! Oh, and by all means, include a snapshot of yourselves so we can put faces on the places we tour. Thanks!

Besides photos, we would like to have a little information about your pond, similar to what we publish in the tour booklets. People are interested in dimensions, water volume, your filtration system, how many koi you have and what you feed them. Are they pond fish or named pets? They want to know how you got started in koi, whether this is your first pond, the second or third revision, or the "last pond built first" as everybody recommends. Was it a DIY project or built for you? Have you had any great problems (snow, earthquakes, flooding...), unique solutions, or great successes? Yep! We're all nosy, admittedly guilty as charged.

Oh! What do you do with all those photos and info? Well, hopefully the photos are digital so you can put them on a disc and send them to us, or email the photos. The info can be a file on the disc, too, or just printed out and included. We'll make a PowerPoint show of the various ponds and be able to take everyone on the "tour" someday soon. *(If you really get into it, you can send us your own PowerPoint, narrated or with subtitles...or not.)* We would promise not to post any of it on the website, to keep it "in the club."

We hope this sounds interesting to everyone. We would especially enjoy hearing from our far-flung members who would host if we could get to them. We know the Frady's and the Poppe's in Virginia deal with snow and a frozen pond each winter; we'd like to see 'seasonal' views and understand how they deal with it. Information and photo CDs can be sent to our email address, nickmilfeld@inlandkoiociety.org or to milfeld@msn.com with subject line filled in as: **Attn: IKS Virtual Tour.**

Looking forward to visiting many of you soon! Write or call if you have questions. My telephone number is on page 2

~Peggy Milfeld

Beauty's in the eye of the beholder

"WE DON'T NAME OUR KOI ANYMORE," says Kailua, Hawaii-resident Karl Sinclair, owner of 40 show-and pet-quality koi.

When he first started his hobby, he paid \$2,500 for 60 koi. "Those koi were...well, they were garbage," he laughs. "I've learned over the years about koi. Since I got rid of them, I've been slowing buying the fish I really like." Except a select few his son fancied.

"When my son was younger, he liked to name the koi," he says. "I started out with some pretty ugly koi. Well, he didn't care about that. He loved them and he named them. And once I found out that he named them, I was stuck with them. He'd come out and ask me every day, *Where's Tiger?*" "So, I thought, "Oh no! I can't get rid of these fish because he keeps asking me where they are," he says.

Now, after seasons of spawning, some of the koi that remain are descendants of the early fish.

"Tiger is still there, and that's why we have a few ugly fish in there," Sinclair says, "Because of my son."

*With thanks to -WBW / Koi World and Water Gardens 2005-2006 Edition



NEW MEMBERS

NAME	CITY	JOINED
LIZA EDPAO TRISTAN EDPAO	CHINO HILLS	06 - 11
JODI HOLMES KEVIN ROEBKE	RIVERSIDE	06 - 11
PAMELA HOLTORF	RIVERSIDE	08 - 11
ED & SUE VERMLYEA	UPLAND	05 - 11
KAREN VOYER	QUAIL VALLEY	06 - 11

INLAND KOI

Quality Japanese Koi
& Pond Supply



Importers of high quality
Japanese koi.
Complete line of koi &
pond supplies.

Our recent shipment
of Japanese Koi
is looking good.
INLAND KOI
Come and see them!

10000 Indiana Ave., Ste #7
Riverside CA 92503
(951) 352-5128

Store Hours: Mon-Sat 10:00-5:00
Sun 10:00-4:00

Phone: (951) 352-5128
Email: inlandkoi@inlandkoi.com

THE BEST QUALITY
Japanese Koi
AT A REASONABLE PRICE!

IKS ANNUAL BUS TRIP INFORMATION

Saturday, October 22, 2011 -
IKS members (who sign-up
prior and pay \$10) will travel
by coach to Corona del Mar
and make three stops.

We'll start at **Sherman Li-
brary & Gardens** to visit their
koi pond in the Tropical Con-
servatory and see fall flowers
displayed in the gardens.

Then we will visit the food
court at **Fashion Island** for an
on-your-own lunch by the **koi
pond** (approx costs are \$5-\$12
or bring your own lunch bag).

Finally we'll go to **Roger's
Gardens**, a 7-acre 'destination'
garden center across from
Fashion Island to visit and see
the shops and gardens. Visit
www.rogersgardens.com
for further details on this impres-
sive establishment!

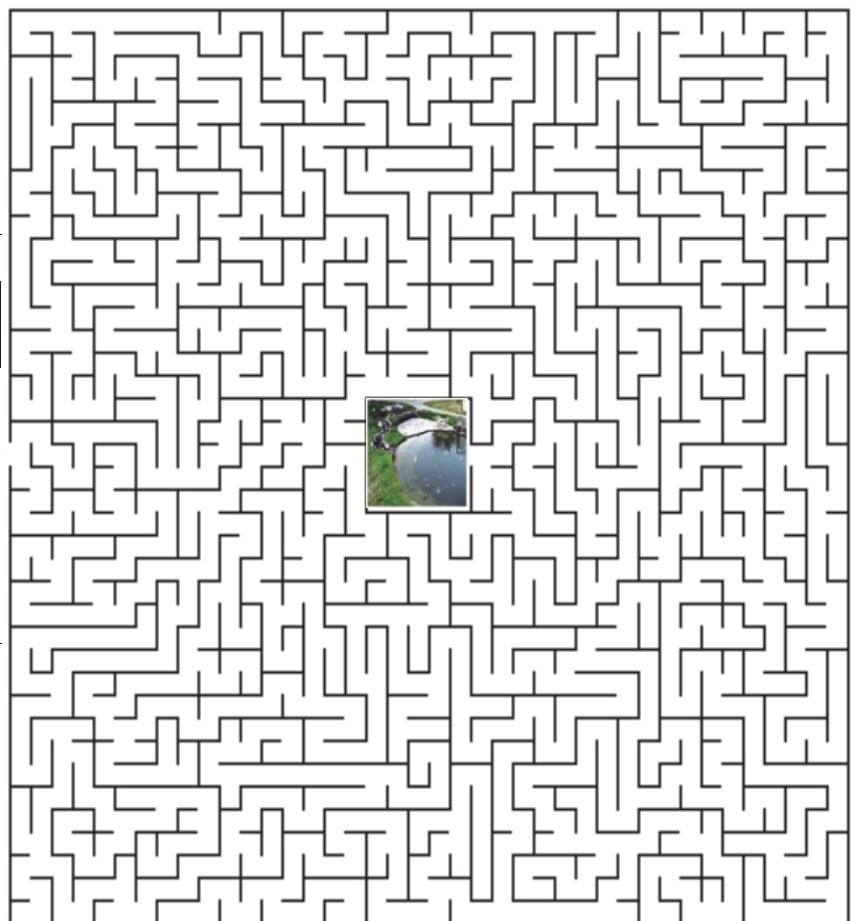


Oh dear!



Enter
Here
→

Please
help Mr.
Kohaku
find his
pond!



SEASONS, ENVIRONMENTS, METABOLISM AND FOOD RECOMMENDATIONS

<http://www.koipondfever.com/c-1-koi-food.aspx> [Japanese Koi Pond Supplies & Info] © KoiPondFever.com 2011. All Rights Reserved.

Only feed koi when the water temperature is above 50° Fahrenheit. During the spring and fall it is best to use foods that are easy to digest, such as Dainichi All-Season or Saki-Hikari Multiseason. In the summer use a high protein food, such as Dainichi Premium, Dainichi Growth or Saki-Hikari Growth. For color enhancement try Saki-Hikari Color Enhancing Diet or Dainichi Color Intensifier. Koi are omnivorous and should also be provided vegetable matter such as [watercress](#), which can be grown in the pond.

This is a great site for info on ponds, plants, koi varieties, etc.

KOI FOOD FOR THE DIFFERENT SEASONS

There has been a lot of discussion about koi food - how much to feed, how often to feed and what type to feed. A lot of time and energy is spent creating an artificial environment for Japanese koi. Some may try to create a natural environment in a koi watergarden with plants and even a gravel bottom. The koi watergarden uses both mechanical and biological filtration as well as plants to keep the water quality high. A koi only pond relies totally on mechanical and biological filtration to keep the water quality high. So what does koi food have to do with water quality? Why feed an **easy to digest food in cooler water temperatures and high protein in the summer months**? Why is it best not to feed koi when the water temperature is below 50°F? To answer these questions we have to consider the natural environment of koi and where they originated.

JAPANESE KOI NATURAL ENVIRONMENT

Koi are basically colored carp that originated from mutated carp in the Niigata prefecture in Japan. This is a mountainous region that receives substantial snow fall in the winter months. In Niigata the carp were originally raised in earthen ponds as a food source until mutated colors were discovered in the early 1800s. Selective breeding has given way to the colorful varieties we have today. Koi are omnivorous, meaning that they eat vegetable and meat matter in the form of aquatic plants, algae, crustaceans, worms, larvae and silt. The protein content in their natural environment is much higher than the koi foods that we provide today. The whiskers on koi, like catfish, are like

taste buds that help them forage for foods on the bottom. **Since koi do not have stomachs, whatever they eat is not stored but instead digested for the purpose of growth, color and energy. Whatever is not utilized is excreted as waste. Japanese koi are cold blooded and their metabolism is dependant on the water temperature. This metabolism peaks at just over 70°F when most of their growth takes place. At this time most of the proteins are utilized for growth and there is little waste excreted. When the water temperature falls below 70°F they are not using the proteins for growth and there is more waste excreted in the form of ammonia.** This matters little in their natural environment where population densities are much less than in a modern koi pond or koi watergarden.

THE METABOLISM OF A KOI POND OR KOI WATERGARDEN

Just as the metabolism of koi is dependant on water temperature, so is the metabolism of the koi pond or koi watergarden. They both tend to peak and go into a dormant state at the same time. In the winter months every thing seems to come to a stand still including biological activity. It is the biological activity of denitrifying bacteria that keeps the water quality high. Plants that would utilize and remove waste are also at a dormant state. Even though the mechanical filtration is doing its job of removing debris before it has a chance to break down, there is little if anything to deal with ammonia or nitrates that can build up. This is especially true in the transition months in the spring and fall. In the fall season plants are dying back and leaves are blowing into the pond as mechanical filters struggle to keep up. Feeding a high protein food at this time could very easily cause water quality that was in balance to degrade to an ammonia soup in a very short time. Likewise in the spring when the water temperature is below 70°F feeding a high protein diet would wreak havoc on water quality. Leaves and other debris that were not caught by mechanical filtration are starting to break down as the water temperature warms. Denitrifying bacteria lags behind in the metabolism peak which is why there is often an algae outbreak in the spring that tends to go away when water temperatures go up to over 70°F.

DIFFERENT KOI FOOD FOR DIFFERENT SEASONS

High quality koi foods that are available

today are formulated to the needs of koi in an artificial environment. In a totally natural koi pond we would not have to feed our koi at all. However, in this environment the waters would be turbid and enjoying the beauty of the koi greatly diminished. Having crystal clear water allows us to enjoy and interact with the beauty of these fish. **It is imperative to feed a high quality koi food that is correct for the season and water temperature. A high quality all season koi food should be high in vegetable matter, lower in protein and easy to digest.** It should also include vital nutrients and minerals that koi need for color and health. This will create less waste to foul the water in the cooler months. The best koi foods meeting this criteria are [Dainichi All-Season](#) and [Saki-Hikari Multi-Season](#). **A high quality summer food should contain at least 40% protein to provide for high growth. It should also have nutrients and minerals for good color and health.** The best koi foods in this category are [Dainichi Growth](#) and [Saki-Hikari Growth](#). The recommendations are as follows: Never feed koi when the water temperature is below 50°F. From 50°F - 60°F feed an all season koi food 2-3 times a week. From 60°F - 70°F feed an all season food 1 - 2 times a day. From 70°F - 85°F feed a summer koi food 3 - 5 times a day. **Slow the feeding when water temperature rises above 85°F to 1 - 2 times per day. Koi tend to lose their appetite when the water gets this warm. During the fall, when the water temperature starts to fall and the daylight hours are less, koi stop growing. This is also the time when their colors become richer. Many koi keepers at this time supplement the koi diet with a color intensifier. Koi naturally put on color at this time and it is important to provide a koi food with sufficient nutrients to help this process. The main ingredients in koi food for color enhancement is spirulina algae and krill. Dainichi Premium has color enhancers along with proteins for high growth. The [Dainichi Color Intensifier](#) is loaded with krill and spirulina. [Saki-Hikari Color Enhancer](#) is loaded with Spirulina. Both Dainichi and Hikari koi foods have many years of research and development built into their koi food formulas. They also have a proven track record of creating champion koi. Feeding a high quality koi food may seem a little pricey, but the benefits far out weigh the cost, resulting in better growth and color with fewer outbreaks of disease and mortalities.**

...With my thanks, Peggy Milfeld! dj

SOUTHERN CA WATER KH VALUES

FROM STEVE IN TEMECULA: I've noticed a significant drop in KH values of our tap water. It started about a month ago. The pH went from 8.2-8.4 to about 7.5-7.8 and the KH values went from 107-125 to about 50dh (3 drops on an API test).

I posted it on the internet and I've gotten confirmations from San Diego county and up near LAX, so it must be the blend that the state metropolitan water is using. Not sure if Riverside would be affected since they use a greater percentage of well water, but many of our members could be in affected areas.

Each district uses a different blend, so the only way to tell is to test the tap water... and many people seldom test their KH values since it is not part of the regular test kits. If KH runs too low, there is a danger of having a pH crash. Those members with bead filters and/or members who do large water changes on smaller ponds would be in the most jeopardy. Bio-filtration gradually depletes KH... but our area has always had a high KH level in the source water.

REPLY FROM TOM: Steve's area gets water from a completely different source than we do in Riverside. Most of our water comes from local wells, they get mostly Colorado River water. I say "most" because they blend it to keep certain contaminants to a minimum. All of it has had a lot of alkalinity. Got lime scale? Same stuff.

Testing for alkalinity (KH) requires a special kit, not included in most pond test kits. Most SoCal pond keepers just change water to keep it up, as even the decreased value that Steve reports is adequate. If a pond is 100% liner, or sealed so that no concrete touches the water, it will lose alkalinity a bit more quickly as the filter bacteria use it up. Riverside residents have little to worry about; folks served by other water districts should keep an eye on pH, as that's what actually counts. In all my pond visits, I never measured less than 8.0. If it gets below 5.8 the filter bacteria will die – THAT's a pH crash. The only one who ever had this problem that I know of is Jack, and he admitted he did not change water enough. In a do ughboy with no other source of calcium.

So I agree with Steve, except that due to the bacterial action, water changes increase alkalinity over time. And I note that many koi keepers (especially in the UK) use reverse osmosis filtration to reduce alkalinity to nearly zero! They say it prevents shimis and improves the white, and their water is pretty low in KH to begin with. My advice would be to just check pH weekly, and change that water 10-20% per week. You don't need to change more unless you are battling some other contaminant, like an ammonia spike from a power outage.....!!!

If anyone really feels they have a problem, some oyster shells (which are mainly Calcium Carbonate) will raise KH. Heck, you could just throw in a concrete block! But most koi keepers will be fine, as there are some benefits from reducing alkalinity. For example, as pH goes down, any ammonia present is less harmful as it becomes de-ionized. Can be handy when your pump and filter are off for 12 hours...

...With my thanks, Tom Ross! djl

Club T-shirts available for \$15...

Contact Larry or Debby Leverett to check size availability and they can deliver a shirt at the next meeting. Other shirts designs also available, just ask...

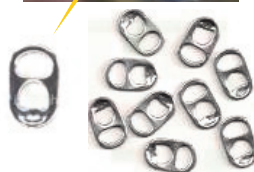
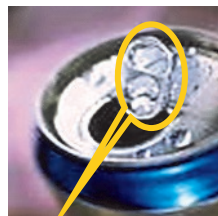


Hey! We're Gettin' Lazy!

Members are forgetting to pull the tabs off their soda cans at meetings... A couple of us don't mind digging through the recycle bin to pull them, but we usually find we should also dig through the trash to put the recyclables where they belong.

Please, Friends, when two containers are provided for trash and recycling at a meeting, use them appropriately. Our thanks!

I know, we need to have a container for them right there by the recycle bin, or by the ice chests, and I'll be sure to have one or two at the next meeting. You can also drop them off on the registration table, individually, or by the bagful. Many of our members collect tabs at home, at work, even at church... wherever they know people are sipping sodas.



"The House that Love Built"



Bring your collected tabs to any General Meeting and give them to Peggy Milfeld or Debby Leverett. It is a small but worthy community cause supported by the Inland Koi Society.



ZEN NIPPON AIRINKAI

Fifth Annual Koi Show
November 12-13, 2011
 SAT. 9AM-5PM & SUN. 10AM-2:30PM

SAN JOSE AIRPORT GARDEN HOTEL
 1740 NORTH FIRST STREET
 SAN JOSE, CA 95112

Free To The Public
 Koi Competition & Education,
 Auctions & Raffles, Artists,
 Dealers & Contractors
 Bonsai & Whole Lot More

Show Chair: Dinh Nguyen (408) 309-9119
 ddinhn@yahoo.com
 Vendor Coord: Larry Gill (510) 352-7168
 gelldu@sbcglobal.net

2011

Coming Events	
3 to Oct 2	L.A. COUNTY FAIR POMONA, CA ~ There's more than 500 diverse and exciting events www.fairplex.com or www.lacountyfair.com
17	AUTUMN HARVEST FAIRE ~ 10am - 5 pm. California Citrus State Historic Park, 1879 Jackson St., Riverside / Free / Celebrating Pagan Pride Day/ www.ieppd.org or www.pie-fellowship.com
23	FIRST DAY OF FALL ~ Hopefully this season will be a beautiful Autumn. <i>Fall</i>
24	CHINESE GARDEN SYMPOSIUM : ~ 8:30 am - 5:00 pm / Free / This one-day symposium will explore Buddhist and other spiritual ideas in the gardens of Chinese emperors, monks, and scholars. Advance registration required. Call (626) 405-3503. www.huntington.org
24-25	FASCINATION OF ORCHIDS SHOW & SALE ~ 10 - 5pm - 1631 West Sunflower - Santa Ana 92704 / Free / South Coast Plaza Village
25	SIGN UP FOR IKS BUS TOUR ~ At this meeting in September. Look for the sheet at the registration table and put your name down
25	IKS GENERAL POTLUCK MEETING ~ Kimberly Crest Manor in Redlands. Contact Ed Kushner for more information (951) 520-0092
28	IKS BUSINESS MEETING ~ 7 pm / <i>All members of IKS welcome!</i> — Leverett house / 5349 Jasper Lane / Riverside / Dennis Lynaugh (951) 780-0123.

CCKS KOI SHOW-BANQUET - SATURDAY, SEPTEMBER 24TH AT 7:00 P.M.

Cost \$30.00 pp

- Double Shrimp Pasta
- Lemon Pepper Crusted Salmon
- Braised and Slow roasted Pot Roast.

Included with dinner is Caesar salad, cornbread, and fountain drinks, iced tea or coffee and a slice of Apple, Chocolate or Lemon Meringue Pie. Other drinks such as wine and beer are available at extra cost and not paid by the club.

Marie Callenders 3602 West Shaw Avenue, the north-west corner of Shaw and Marty Avenues.

Rosimeri Tran (559) 454-0804

californiaseals@sbcglobal.net

Please let Rosimeri know if you will be attending.



Central California Koi Society
33rd Annual Koi Show

Friday, Saturday, and Sunday Sept. 23-25, 2011
 CVS, Fig Garden Village, Palm & Shaw, Fresno, California



Friday, Sept. 23: 3-7 p.m. Registration for all show contestants
 Saturday, Sept 24: 9 a.m. Judging (Koi must be in tanks by 8a.m.)
 Sunday, Sept 25: 3p.m. Show closes

For Vendor or Tank information please contact:

Greg Mariano ph.#: 559 298 2638
 email: gloryname@comcast.net
 or
 Rosimeri Tran ph.#: 559 970 8508
 email: californiaseals@sbcglobal.net



Any questions or comments about the club should be directed to Rosimeri Tran. Please email her or give her a call.

OCTOBER

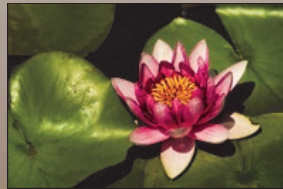
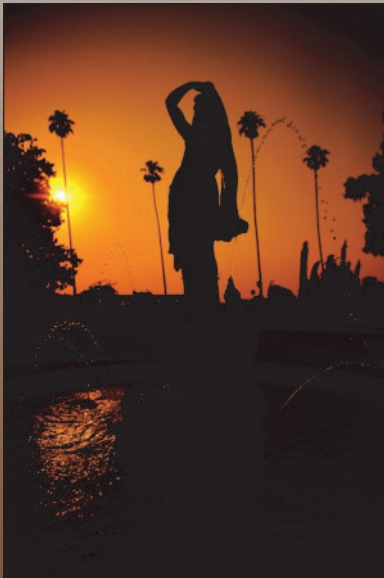
2-30	U-PICK APPLES(FUGI & GRAN SEEDLINGS) ~ Oak Glen - @ Riley's Apple Farm, 10am - 4 pm Riley's Farm /12261 S. Oak Glen Road / Oak Glen, California 92399 / 909-797-7534
14	AKCA BOARD MEETING ~ 6 pm / 529 W. Blue-ridge Ave., Orange, CA 92865 / Call Mac McClain at (951) 398-7048 for more information
14 - 16	SOUTHLAND ORCHID SHOW ~ 10:30 am - 4:30 pm Huntington Library, Art Collections & Botanical Gardens. Orchid Symposia & Sales / 1151 Oxford Road, San Marino, CA 91108 (626) 405-2100 / www.huntington.org
20	EDWARD-DEAN MUSEUM & GARDENS ~ 5pm 9401 Oak Glen Road / Cherry Valley, California \$125 per person, or Table of Eight for \$1,000 Dancing to follow, Black Tie www.edward-deanmuseum.org
22	INLAND KOI SOCIETY'S ANNUAL BUS TRIP ~ 8 am-6 pm / Continental breakfast & coffee at Scott -Marrin Business in Riverside / Sherman Library & Gardens in Corona Del Mar, Fashion Island for lunch by koi pond, & Rodgers Garden before heading back to Riverside. Call Larry Leverett if more info is needed (951) 781-3887
26	IKS BUSINESS MEETING ~ 7 pm / <i>All members of IKS welcome!</i> 6531 Box Springs Blvd, Riverside / Call Dennis Lynaugh for more info (951) 780-0123.
31	Halloween - ****Yeooow****



INLAND KOI SOCIETY
5198 ARLINGTON AVE., #146
RIVERSIDE, CA 92504

Return Service Requested

Kimberly Crest



Visit our website: www.inlandkoi.org