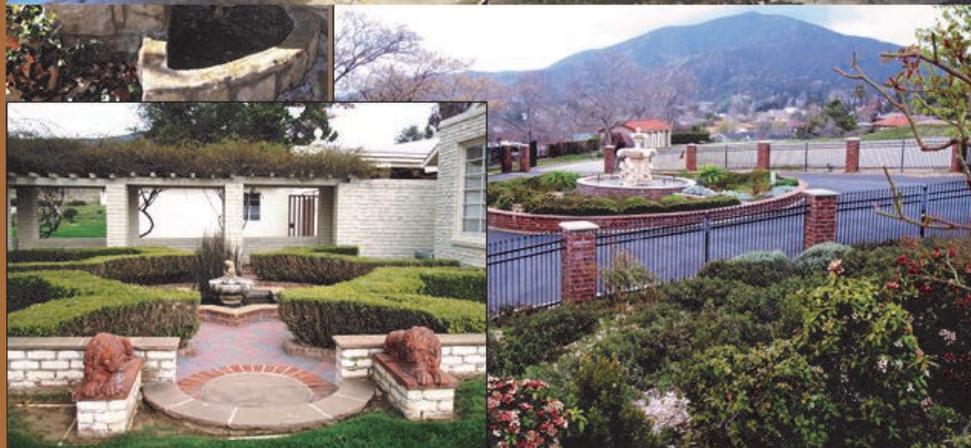
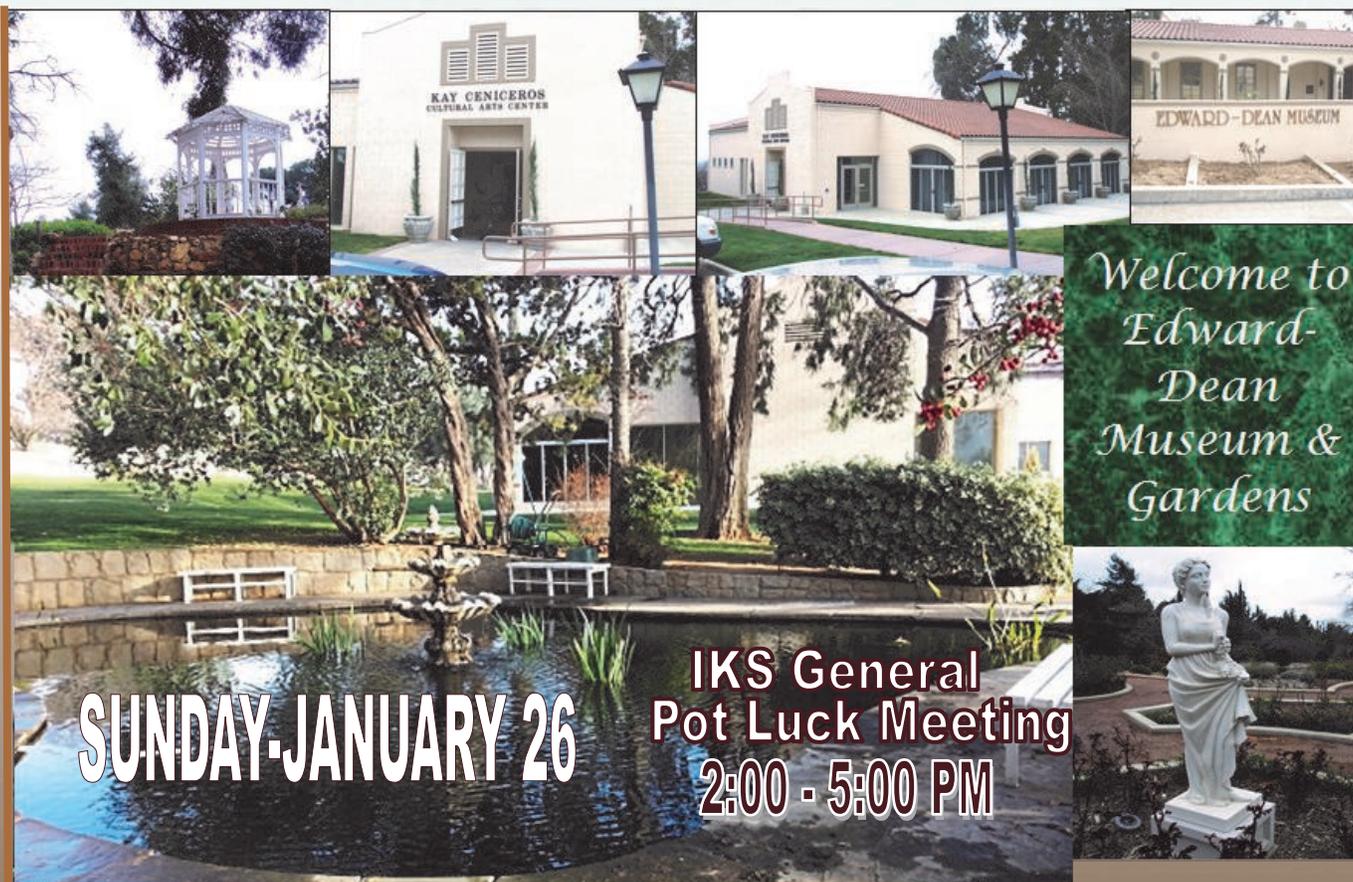


The Inland Koi Connection



**THE OFFICIAL
NEWSLETTER
OF IKS
ISSUE 208
JANUARY
2014**



**9401 Oak Glen Road
Cherry Valley, CA
92223
(951) 845-2626**



Greetings,

Happy New Year! I would like to thank Jerry and Pat Mall for hosting our annual Thanksgiving meeting. If you were unable to attend, you really missed an outstanding event.

The Malls have one of the most beautiful homes I have ever seen. Set on some very large acreage with breathtaking rock landscaping, their pond is magnificent, with some of the largest and beautiful koi that you will ever see. Jerry said he used to be able to tell which fish were larger than the others but now you can't tell the difference.

The Malls have hosted our Thanksgiving meeting for the last three years. Thanks to Peggy Milfeld, the club presented the Malls with a beautiful engraved glass plaque.

Some past our meetings at the Malls were dampened by the rain, but this year the weather was absolutely gorgeous.

The turkey provided by the Malls and all the potatoes, gravy and the remaining sides provided by our members was fantastic. I'm getting hungry just writing about it.

Our wonderful raffle coordinators Rob and Deanna Fales, came up with a great game, where after your number was picked from a hat, you got to pick a gift. You could then keep the gift, take someone else's gift, or pick another gift. As complicated as it may sound, it was extremely fun, for not only the participants but the audience as well. I hope that in the future we may make this a part of some of our monthly meetings. I have had nothing but positive feedback about this game.

We also had our annual election with Ed Kushner (Director), Rey Quirong (Vice President), and me being reelected, and yes, you're stuck with me for one more year as your President. All kidding aside, it is a real pleasure being your President and I look forward to our meetings and interacting in this great Koi hobby we all love.

Thought of the month: "The only man who never makes a mistake is the man who never does anything" -Theodore Roosevelt
Mac McClain, IKS President

There are openings on our board of directors. Why not you? We'll talk at our January meeting how your skills & ideas can help

MONTHLY PLANNING CALENDAR 2014

REGULAR MTG	HOSTS & City	PROPOSED PROGRAM	BOARD
4th Sunday			Wed. after Mtg.
January 26	Edward Dean Museum - Cherry Valley	Ultra Violet Lights-Benefits and How to Choose One.	January 29
February 15 (3rd. Saturday)	Mission San Luis Rey - Oceanside	The 4 to 1 Ratio in Koi Pond Planning and construction	February 19
 Ride a club bus, \$10 pp; contact Milfelds at 951.780.7395 or milfeld@msn.com . Depart from Jack Marrin's business at 12:30pm. RSVP by 1/31			
March 23	Mac And Jill McClain - Riverside	Spring koi pond readiness-	March 26

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~ HELP LINE ~	REFERENCES
• INFORMATION:	JACK MARRIN (909) 792-3603
• KOI HEALTH:	TOM WRIGHT (951) 637-5479
• LIBRARIAN: Books, Videos	OPEN
• MEETING SITES:	OPEN
• MEMBERSHIP:	OPEN
• NEWSLETTER ADS:	PETE MILES (760) 705-5800
• AKCA REPRESENTATIVE:	MAC MCCLAIN (909) 225-2346

THE EDWARD-DEAN MUSEUM AND GARDENS in Cherry Valley is hosting the Inland Koi Society's January meeting in the Kay Cenicerros Cultural Arts Center.

A LITTLE HISTORY: The Edward-Dean Museum & Gardens is housed in a cultural complex on the edge of a small town on the edge of the Los Angeles Metropolitan area, a surprisingly rural setting for a cultural center. The museum began as the private collections of two fine arts dealers, J. Edward Eberle and Dean W. Stout. Keeping the best pieces for themselves, by the 1950s they had gathered an impressive collection. They purchased a cluster of buildings in Cherry Valley, a town a little east of Redlands, and established a museum. The grounds include a classical garden.

In 1964, they donated the museum and property to the County of Riverside. Additional pieces have been added to make this a comprehensive and unique museum. The art, furniture, and decorative arts are not the only beautiful objects in the house.

Steve and Laura Nyirady announced at the November 2013 IKS meeting that they will maintain the museum koi pond.

THE KOI POND: Steve and Laura have been working at the pond with the volunteers and staff mostly to clean the leaves and muck from the pond. The staff has been trained to use a skimmer net, but any of us who have trees in our yards can attest that as soon as you skim the surface leaves off the pond, they are right back there.

Maintenance of the pond bottom is the biggest challenge, with a thick layer collecting there. Last April Steve and Laura drained the pond; then, working together, they cleaned the pond bottom using a hoe and a shovel. They removed over a dozen wheelbarrow loads of the decaying leaves and muck that had accumulated. The shovel-and-hoe effort to clean the pond bottom taught them that any activity using a pond vacuum or other type of outside-the-pond cleaning method would be impractical.

The pond has no filtration system; instead, a fountain supplies new water with some aeration as it falls into the pond. A swan statue has a little holding basin and fresh tap water spills out of it into the pond to create a continuous supply of fresh water. A half-inch wide sidewall crack in the pond serves as a constant draining system, so the water leaking out is replaced by the new water coming from the fountain and swan basin. Because the water is being aerated at a slow rate as it falls into the pond, the chlorine dissipates from it and it's basically a fresh supply of suitable water.

Steve's confident that the ammonia, nitrite and nitrate levels are really not an issue since there is a steady supply of water and this is a large body of water of approximately 10,000 gallons. It also helps that the pond is not overstocked. The water doesn't seem to be toxic to the fish. The koi appear to be healthy and in fact the number of them has increased thanks to the Inland Koi Club's donation of several nice sized koi. Ed Kushner, in charge of koi rescue for our club, brought the fish over and placed them into the Edward-Dean pond. Be sure to check out

the newest addition, a long-fin butterfly koi, when you visit. Steve and Laura also donated some of their own fish to the pond.

Maybe in the future some of our club members can assist them in designing and building a proper skimmer system that can be easily maintained by onsite volunteers at the museum....

THE BEAUTIFULLY LANDSCAPED GROUNDS include the concrete-lined pond, with koi already described, and there is a circle planter with a flowing fountain in the front drive which was added about six years ago. The rose gardens and terraces were added four years ago through donations and a contractor.

The museum has several temporary exhibits annually which feature local, national and international displays of decorative arts from past and present artists and collectors. Many other exciting events happen throughout the year, including a free concert series. Check the schedule at www.edward-deanmuseum.org. Admission to the museum is \$5 and hours are Friday and Saturday, from 10 am to 5 pm. Check it out when you can!

This wonderful meeting will be inside again this month, with tables and chairs available, so no need to bring your chairs unless you'd like to sit outside by the pond.

There is a kitchen attached to the area where we will be gathering, so setting up will be easy. Please be sure to donate to the potluck and remember to take your dishes home at the end. ~Pete Miles, IKS Editor

PROGRAM: We welcome **Orville Hanson**, a long-standing member of the Inland Koi Society, who always presents quality information in a straightforward way that everyone can understand. His presentation at our meeting will be on: **"THE BENEFITS OF ADDING A UV LIGHT AND HOW TO CHOOSE THE PROPER ONE FOR YOUR POND SYSTEM."**

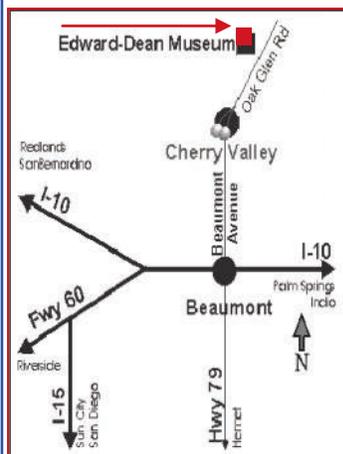
DIRECTIONS:

EXIT FWY 10 at BEAUMONT AVENUE in Beaumont.

- Go **NORTH** through the town of Cherry Valley, staying on Beaumont Avenue.
- **BEAUMONT AVE TURNS INTO OAK GLEN RD** as you go along. Shortly after, watch for museum sign on the right hand side of the road. Watch for our signs, too.

- Turn **LEFT** through the gate and continue going on the left hand side at the "Y" in the road to the back parking lot. You'll see the Koi pond down the small hill on the right and a large building to the left of the pond. Work your way down the road, or path, to the building.

9401 OAK GLENN RD
(909) 845-2626
CHERRY VALLEY CA 92223



MAP NOT TO SCALE

Thanksgiving Meeting Photos

Great weather, food and people



See Page 5 for the report of the November 24th. IKS general meeting.



Hope to see you on January 26 at the Edward-Dean Museum for our next club meeting.



The Malls, Jerry and Pat, are wonderful hosts, conscious of everyone's needs yet comfortable and relaxed themselves the whole time you are with them. The November meeting is usually the largest of the year, everyone seemingly willing to take the winding road to this hilltop retreat just to spend the afternoon with friends of choice, the last gasp of free air before the holiday craziness begins. And this time Mother Nature smiled on us with sunshine and no threat of rain! Jerry's boots and yellow slicker were safe in the closet!

Even though the club takes care of the main course and tables and chairs, there's much for the hosts to do. Linen-covered tables fill the upper garage, for which Pat made seasonal centerpieces (and then gave them away during the raffle). Pat organized her kitchen to accommodate an impressive buffet: enter one door to find appetizers and salads first along one counter, circulate around the big island to pick up the turkey and all the side dishes, while checking out all the crock pots plugged in on the window counter, and head back to the dining room where a coffee-tea-and-hot-chocolate bar was set up in one corner and, in a separate room, an array of desserts covered another long counter. No excuse to go hungry!

Mac greeted everyone with enthusiasm, and with the same spirit released us all to the feast! Many took time before lunch and instead of waiting in the buffet line to explore the grounds and visit the pond. The Malls certainly have an enviable collection of koi! Once Mac was fully stuffed — and to keep himself from wandering off to find a napping place — he began the business part of the meeting, first thanking all of the cooks. As a special *Thank You* from the club, the Malls were presented with a lovely floral bouquet in a vase etched with a koi design. This is the third year they have hosted this meeting and we all appreciate the indoor venue and banquet format: *November in SoCal is so fickle!*

Elections was the key element of business as we closed out the 2013 year. Most officers and directors were continuing in a two-year term, but Mac McClain and Rey Quirong needed to be voted into second terms as President and VP. Bob Henry will retire from the board for a while due to conflicting work schedules, and Ed Kushner sought re-election to a second two-year term. With no nominations from the floor, balloting showed the three were re-elected unanimously. The new term starts in January.

Cancelling all other business, Mac welcomed visitors to this fun, end-of-year meeting: Marie Peacock came as a guest of Francine Hoffman; William and Danice Lei came to check us out and we hope to see them again! It was fun to see some members who don't get out to meetings regularly: Phil & Rachel Hunter, who are planning to move from their Temecula hilltop to the valley below; Warren & Cynthia Fowler, and Morris & Marie Nyquist. Mac also recognized about a dozen members with November and December birthdays; there's always a cake-of-the-month from

Mary Leever, with all the names listed. Spike Cover spoke briefly about Koi Organisation International (K.O.I.) and announced the newest supplement to the waterproof reference guide that comes free with membership. K.O.I. is an internet-based learning and teaching organization with 60-70 founding members who are the recognized "experts" in the field of koi keeping; they are committed to learning more about koi. The club offers online classes and a bookstore.... It was a soft-sell with much prodding from his wife Ginger, but Spike is one of our favorite go-to guys and the force behind the AKCA's KHV research and the KHA programs. [Look into www.koiorganisationinternational.org; membership is \$24 a year with unlimited use of the online resources.]



Usually the Raffle consists of koi-related items and things the members have brought to share, but this month Chairman Rob Fales had a different idea. To mix it up a bit, he prepared a fun gift exchange of eight gift bags with good and not-so-great prizes in them. Eight people were drafted to choose one bag at a time: the first opened his bag to reveal the prize, then the second could steal it or choose a different bag. When a bag was stolen, the victim of the theft got to choose — or steal — another bag. For the sake of time, a bag could only be stolen twice and the exchange continued until all prizes were revealed. The prizes were: \$25 gift cards to Amazon.com, Lowes, TGI Friday and IHOP,

and a small fish net, a bottle of hydrogen peroxide, a tin of Juicy Fruit gum and a jar of lemon drops. As the last person to draw, smarty Jack Marrin had paid attention and was pretty sure the last bag had a gift card in it, so he took it and thought the game ended there. But tricky Rob let Lloyd Rein, the first-to-draw, have the last chance; he was the only one who hadn't known what any of the gifts were!

Last on his agenda of Raffle Alternatives was a guess-how-many game. Rob gave everyone the opportunity to guess how many koi food pellets a plastic container held, and the one with the closest answer would win it. Guesses ranges from a low of 1100 to an amazing high of 789,000, but the [almost] actual number was a big 23,010. Kazuko Bednay was only off by 1200 with her guess of 24,210, and she didn't know that a \$100 Home Depot gift card was buried inside! (Yes, Rob counted them! Well, he fudged a bit. He counted a 20-gram sample, filled the container, weighed the full contents and did the math. Close enough?)



After seconds and thirds on desserts and before total lethargy set in in everyone, Mac released us a bit early to explore some more, help with clean-up, and just get up and move around before taking to the highway. Certainly all were slow in leaving, but we went with wishes for a happy Thanksgiving for all and a blessed Christmas season. Our club is dark during December, so we'll meet again on January 26, 2014. See you then!



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We don't have severe winters here in southern California but we have members who live on the coast and the farther you go inland and up in elevation the worse the winter conditions get. So winter is here and what you do for the next three months will help or

hinder your koi's health next spring!! As pond temps drop and we get to the 50 to 55 degree range then you should have reduced your fall feeding schedule (all-season or wheat-based food, 35-37% or below in protein) and be moving to your winter plan. Yes, you need to give consideration to what's happening and what you plan to do during the winter season.

Most published articles about when to stop feeding koi will suggest a water temp from 49 to 55 degrees F, with 50 degrees being the most common mentioned. At 45 degrees it's believed that a lot of your filter bacteria go into sleep or death mode, with only a 20% effectiveness. For me (after several years) I've chosen 52 degrees as the stop feeding temp, with feeding once late afternoon every other day, 53 to 55 degrees; daily, 56 to 58 degrees; and twice a day, 59 to 63 degrees. Our koi are a four-season animal and one can argue that they thrive better when their bodies tell them (hormones, due to water temp and sunlight pattern) that it's now winter, rest time and/or slow down time. You should be observing this slowdown activity in your koi now along with less vigorous feeding activity.

A hard thing for me to remember: just because they ALL come a-swimming when you present yourself to the feeding station does not mean they are in need of nutrition. Oh – and when we have a couple days of warm weather in between colder temps is NOT a reason to feed your koi during this time. For my pond temp based on the above schedule over the past 5 years my no-feed time has been 3 to 8 weeks. Yes, it took me several years to start practicing what I was reading in the articles written by koi professionals a lot smarter about this stuff than me. Speaking of slow down time, a koi's immune system is at about 50% efficiency at 65 degrees, reduced to about 20% at 60 degrees and only at about 10% when we get to 50 degrees. And, at this same time the BAD bacteria activity continues to operate at a higher level. Remember how I stress Aeromonas alley (skin ulcers) for spring time temps 48 to 62 degrees – well the same applies in reverse for 62 to 48 degrees. As a side note – most articles on how to prepare your koi for show time will have a few weeks of no feeding just before the show. It is said to be good for luster and color. Good timing for our koi show – hope you're



all planning on at least one tank at the show. It's just a great experience for all. Sorrrrrry – back to subject – you need to keep an eye on your water quality values, but not as often as summer time unless you're anal like me and continue water changes. Mother Nature does help: as pond temp drops, the ratio of toxic NH₃ to non-toxic NH₄ is reduced, but you have to be mindful that the ratio starts at a higher level as pH rises.

Our local water supply is a good source of carbonate hardness/KH/alkalinity, which I like to keep at above 80 ppm – don't want to deal with fish loss due to pH crash. Which leads me to rain: NO run-off from roof or yard into pond or you could be dealing with unwanted environmental or man-made deposited toxins. Rain is acidic so it can reduce pH and has no KH; just another reason to keep up with water changes (the solution to pollution is dilution). Just because you're not feeding your koi does not mean you can stop observing them to make sure their behavior and general health are okay.



Remember Costia and Chilodonella, both ciliated parasites, can be the biggest cause of fish death at this time of year through next spring. Also, a lot of leaf litter can reach the pond at this time of year so don't let this material collect on the bottom of your pond – just a nice home for all the wrong types of organisms -- BAD NEWS -- ESPECIALLY COME SPRINGTIME. A clean pond is just another DE-stressor. Trust me when I say, "A healthy pond during winter will result in less stress for both you and your koi come springtime!!!" As always, this is just a short synopsis of the subject matter and I hope it encourages you to do some additional research on the subject. ~r/koi jack



Note: The bulk of the above info can be found in multiple articles, but a good resource article I used in preparing this article can be found in Bryan Bateman's "COLD WATER Care of Koi" published in the NOV/DEC 2011 issue of Koi USA. Just another good reason for you to subscribe to the hobby magazine. Reprinted with permission from KCSD-Jan 2014.

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27th Annual Koi Show



March 1st and 2nd 2014

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Friday 3pm-8pm
Saturday 8am-9am



Exhibit Hours
Saturday 9am-4pm
Sunday 9am-3pm

Judging starts Saturday @ 10am
Awards Banquet Saturday @ 6pm
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I'll tell you, you can be glad you live in this pond. What we just went through proves it. I know, I've talked to a lot of others who have been in other ponds and you should hear the horror stories they tell.

What was it! The waterfall is off and the pond is all silent and eerie?

Master Showa says it's called a power failure. Something the air breather gets more than a little paranoid about. I watched him when it happened. He was there feeding us and then the waterfall slowed and stopped in the fountains dribble out and the water just-settled. I know you felt it. Even if you don't have all the flowing fins to just-group like mine, you felt the water slowly and-settle, like I said. No flow from the waterfall to the drains, no current from the venturis to swim against. Ms. Kohaku went racing around the pond with Baby Tancho right behind her, with into a frenzy. Master Showa just sighed and sank to the bottom of the pond to wait it out.

He's been through several of these, he says. There will be a slight backflow from the filter to the pond since the pump isn't there to keep it moving. The waterfall noise will go away, even the drips. The hone of the pump will silence. The hiss of the air stone will die, no more bubbles for Baby Tancho to play in. And it will all get-quiet. *This is eerie!*

There's a lot of noise down here under the water, vibration of the pumps and water gurgling the pipes and even the buried thump of the air breather's footsteps. You recognize those, of course, as they come with the food. With a power failure all those places stop, just like they did. Master Showa says once he was in the pond when there was no power at night and it got dark— very dark. Dark enough he says, that he bumped into things because the current was gone and the light was gone and the ambient noise was gone.

But this time the air breather was there to take care of us. First he hooked up a battery operated pump to the air stone. Something that didn't need the missing power. I thought it was silly at first. There was plenty of oxygen in the water of the waterfall, but by the time I had swum into some of the pockets of still water, I realized how much that little air stone helped. I heard him talking to his wife saying he will put one in the filter. What a crazy idea! Put an air stone in the filter? We're not swimming in the filter—we're here in the pond and master Showa sat on the bottom nose pointed



toward the air stone.

He supposed to know so much, Master Showa. If I sit on the bottom with him, I might damage my face, but I could see what he was doing. By sitting still, he was using less oxygen -sort of like sleeping. Not the mad dash that Ms.

Kohaku who was doing. Granted, she was stirring up the water surface which brought us more oxygen in, but she was also using up more than she was folding in.

So I hovered in between, listening to the air breather talk and watching Master Showa. "The air stone is in the filter to keep the filter live," Master Showa said to whoever was listening. "Haul out the gasoline generator," the air breather said. "To be used to make electricity," Master Showa said. "If the power stays off

more than an hour, we dump the filter," the air breather said. "If the power is off more than two hours," Master Showa said, "Even with the air stone, if the filter dies and if it dumps back on us when the pumps come on, we're dead". Cheerful thought!

But as I said before, were lucky to be in this pond. The air breather spent his time fiddling with the generator until at last it clattered aside of the pond and he plugged the waterfall pump into it. The water from the filter started coming in. It tasted strange, but not foul. He told his wife he was going out to get more gas. Master Showa remained sitting on the bottom.



Around sunset the power came back on. In the whoosh the big air stone and air and baby Concho had the bubbles the play and again. The air breather came out and plug the waterfall back inward belong and six the valves and we had all the venturis and splitters and waterfall again. Master Showa wandered up to hang out under the waterfall. I could feel the increased current against my fins. A return to normalcy.

But like I said, you glad we live in the pond we do our air breather knew what to do. He didn't let the filter die. With two or more hours and no air circulation the filter could have died. Later I heard him talking to some of his buddies we had to dump their filter and start over. At least they dumped it. I rather go through a new filter and green water than swim in that foulness.

I hear that in some places ponds are built on rivers and the river current eliminates the need for waterfall, but I'd still rather have our safe little home — even with power failures.

Have you ever wondered what would happen if the Japanese working with the Inland Koi society, had gotten hold of the lunar calendar before the Chinese did, and used those 12 months to create the koi horoscope? There would be no ox, rat, snake, tiger, dog, dragon, sheep, monkey, rooster, pig, rabbit, or even a horse-just Koi breeds. What sign are you in the imaginary koi horoscope ?



Doitsu	1924	1936	1948	1960	1972	1984	1996	2008
Becko	1925	1937	1949	1961	1973	1985	1997	2009
Asagi	1926	1938	1950	1962	1974	1986	1998	2010
Kohaku	1927	1939	1951	1963	1975	1987	1999	2011
Utsuri	1928	1940	1952	1964	1976	1988	2000	2012
Sanke	1929	1941	1953	1965	1977	1989	2001	2013
Kumonryu	1930	1942	1954	1966	1978	1990	2002	2014
Gin Matsuba	1931	1943	1955	1967	1979	1991	2003	2015
Showa	1932	1944	1956	1968	1980	1992	2004	2016
Tancho	1933	1945	1957	1969	1981	1993	2005	2017
Kujaku	1934	1946	1958	1970	1982	1994	2006	2018
Yamabuki Ogon	1935	1947	1959	1971	1983	1995	2007	2019

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Mark Your Calendars

February 15th is a joint meeting/potluck with the Koi Club of San Diego at the **Mission San Luis Rey**

4070 Mission Ave, Oceanside CA 92057

Meeting Topic: The Factor of 4 in Building Your New Koi Pond - Getting Help From Fellow Clubs

Presenters: Pete Miles of Inland Koi Society and Frank Painter of Koi Club of San Diego

Ride the Bus—Avoid the Fuss! See info in the calendar



Meeting time
2:00 – 5 :00 pm
No Need for Chairs
meeting is indoors

2014 Coming Events

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10	AKCA BOARD MEETING ~ 6 pm / 529 W. Blueridge Ave., Orange, CA 92865 / Call Mac McClain at (909) 225-2346 for more information
13	JAPAN COMING OF AGE ~ The holiday was first established in 1948, to be held every year on January 15. In 2000, as a result of the <u>Happy Monday System</u> , Coming of Age Day was changed to the second Monday in January
18-19	THE ASIAN AMERICAN EXPO ~ 10 am- 7 pm / The largest Asian tradeshow / See information on the left / www.asianamericanexpo.com
20	MONDAY — Martin Luther King Jr. Birthday
26	INLAND KOI SOCIETY POTLUCK MEETING ~ Edward-Dean Museum & Gardens in Cherry Valley. Contact Mac McClain for more information (909) 225-2346
29	IKS BUSINESS MEETING ~ 7 pm / <i>All members of IKS welcome!</i> — 6531 Box Springs Blvd, Riverside / Mac McClain (909) 225-2346
25	ASIAN PACIFIC LUNAR NEW YEAR FESTIVAL ~ 10 am-7 pm Downtown Riverside / Free entry, parking www.LunarFestRiverside.com
31	CHINESE NEW YEAR — Year of the Horse

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02	GROUND HOG DAY — is when the Ground Hog predicts how much longer winter will last.
10-12	NEWPORT HARBOR ORCHID SOCIETY SHOW ~ Hundreds of orchids on display along with experts offering growing and maintenance techniques. / 1025 Westminster Mall / (561) 404-2000 / free / www.nhos.org
14	VALENTINE'S DAY ~ Make their day extra special! 
15	IKS MEETING ~ JOINT POTLUCK WITH KCSO Saturday, 2-5pm at Mission San Luis Rey, Oceanside. Ride a club bus, \$10pp; contact Milfelds at 951.780.7395 or milfeld@msn.com. Depart from Jack Marrin's business at 12:30pm. RSVP by 1/31
17	PRESIDENTS DAY ~A combined Celebration. The 12th is Lincoln's Birthday; Washington's is the 22nd. 
26	IKS BUSINESS MEETING ~ 7 pm / <i>All members of IKS welcome!</i> — 6531 Box Springs Blvd, Riverside / Mac McClain (909) 225-2346



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Edward-Dean Museum & Gardens

See page 3 for the profile

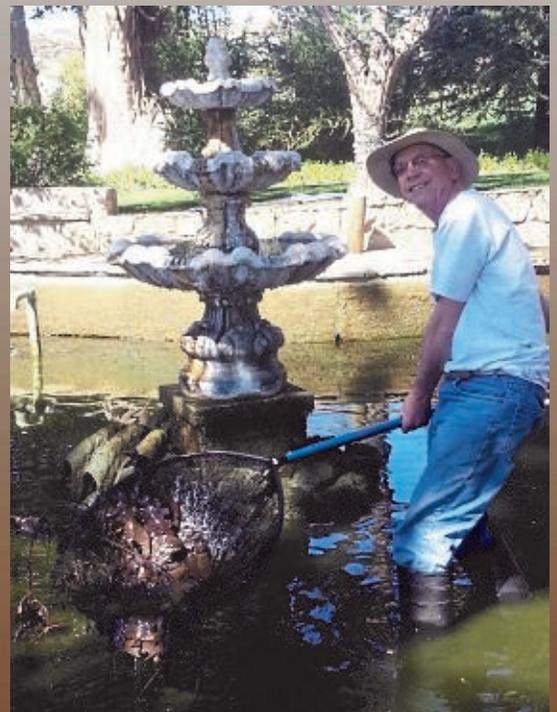


HAPPY NEW YEAR 2014



Winter maintenance of a koi pond

See page 7 for what to do



Thorough pond cleaning

Visit our website: www.inlandkoi.org