

# ***The Inland Koi Connection***



THE OFFICIAL  
NEWSLETTER  
OF IKS  
**ISSUE 228  
NOVEMBER  
2015**



**Sunday, Nov. 22 ~ 2-5 PM**

## **Potluck Meeting**

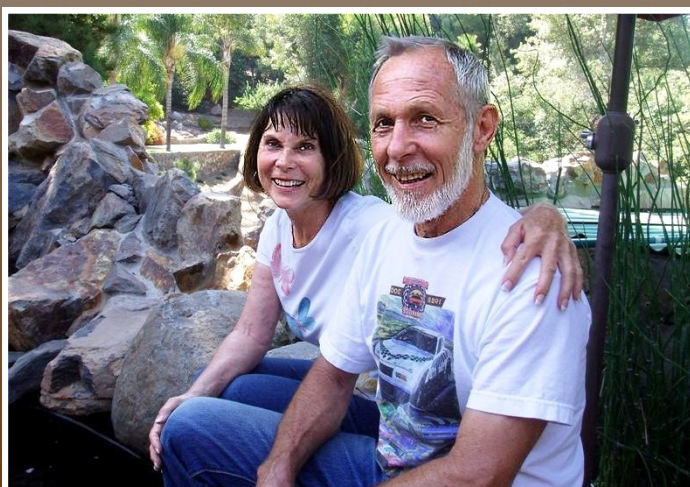
*graciously hosted by*

**Jerry & Pat Mall**

*43024 Via Las Rocas*

*Temecula 92590-3904*

*951.506.4814*





The IKS Board meets monthly, generally on the Wednesday following the Sunday regular meeting of the club. Meetings begin at 7:00pm and are open to any interested members.

At the October 28 meeting we discussed:

- **The McGarveys' meeting:** Big turnout (40) considering distance, including new members. Spike Cover stepped up to cover for a last-minute speaker cancellation and gave an excellent presentation. Plenty of food on tables well dressed in webs, spiders Fun!
- **Confirmed** meeting plans for Nov. 22 at the Malls, 2-5PM, in Temecula. Jill McClain will plan the fun; 40+ sign-ups already; list will be published. Elections...disheartening response by all. The lack of participation makes the Board's jobs all the harder.
- **2016** tentative meeting sites set; working on programs. Contact the Fales to secure a favorite month for hosting.  
January 24 hosts - Leveretts; speaker pending.  
February 28 hosts - possibly at Inland Koi, or Blais  
March 20 hosts - possibly Blais (a week early, Easter 3/27)  
April 24 hosts - Ramirez, in Claremont  
May 22 hosts - AVAILABLE  
June 4: Possible Pond tour if we have willing hosts, workers.
- **Elections:** Two offices positions, President and Secretary or Newsletter, are vacant, as are two director seats. Several appointive/volunteer jobs are available. Who will get involved with the ongoing success of IKS?
- **Edward-Dean Museum:** Leaf & Litter clean-out Sunday, Nov. 15 at 10am. Steve & Laura Nyirady maintain the pond but need help on this larger job. Contact Rob Fales if you can help.
- **Membership Renewal Forms** will be in Nov. newsletter and are due by Jan.1. The best time to pay is at the November meeting. [Those who joined in October or November for the prorated fee of \$23 may pay the \$12 difference to make it \$35 for the full 2016 year. Our bad! This should have been offered when you applied.]
- **AKCA: 2016 Seminar** will be in Cedar Falls, Iowa; Sunday tour will be to Kloubec Koi Farm.
- **Next Board meeting** will be Wed., Dec. 2, 7pm at Jack's!

Peggy Milfeld, Secretary ☺\_(')\_/



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**Officers, Directors and Help Line**

**BOARD OF DIRECTORS**

President: **Position Open**

Vice President: **Rob Fales** ~ Mtg Sites & Speakers  
(951) 279-0181 ~ Rob\_fales@inlandkoiociety.org

Secretary: **Peggy Milfeld**  
(951) 780-7395 ~ milfeld@msn.com

Treasurer: **Nick Milfeld** ~ Membership  
(951) 780-7395 ~ milfeld@msn.com

Newsletter Editor: **Position Open**

Director: **Deanna Fales** ~ Raffles  
(951) 279-0181 ~ Rob\_fales@inlandkoiociety.org

Director: **Ed Kushner** ~ Koi Rescue  
(951) 520-0092 ~ edkushner@inlandkoiociety.org

Director: **Jack Marrin** ~ Info, Club Properties  
(909) 792-3603 ~ jack@marrin.com

Director: **Randy McGarvey** ~  
(909) 534-5776 ~ randymcgarvey@inlandkoiociety.org

Director: **Tom Wright** ~ Koi Health  
(951) 990-5479 ~ TomWright@inlandkoiociety.org

**IKS HELP LINE**

Koi Health, K.O.I. Rep.: **Spike Cover** ~ (949) 855-2371

Librarian: Books & Videos listed on IKS web-site  
**Audrey Rowland** ~ (951) 233-3671

Database: **Orville Hanson** ~ (951) 682-3107

Web Master: **Alecia Everett** ~ ikswebmaster@yahoo.com

Badges: **Jack Marrin** ~ (909) 792-3603 ~ jack@marrin.com


Sunshine: **Francine Hoffman** ~ (951) 781-8209

•When calling our volunteers, you might get a recorded message. Please suggest a time when you're home to receive a return call, or when you would like to call back.

•Remember that phone advice is given based on your input; the ultimate responsibility and treatment remains with you.

The IKS donor community needs 24 donations a year to continue. Donate at  
**4006 Van Buren Blvd.  
Riverside 92503**

Call **Life Stream** at  
**951.687.2530** to schedule.

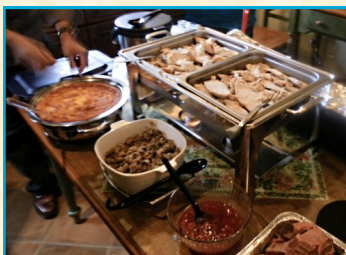


**Is there a blood donation on the calendar?**  
**Remember to credit the IKS!**

## As the year winds down, we'll

be gathering again at the lovely home of **Jerry & Pat Mall** in the hills west of Temecula. As usual, we've moved the date to the Sunday before Thanksgiving so we can celebrate together before taking December off, then we'll meet again the fourth Sunday in the new year. The Malls' is a great location, and we'll have a sit-down dinner with the traditional spread of an "American Thanksgiving" menu. Our buffet is staged all around Pat's big kitchen, there's fun and games instead of a scheduled speaker, and we have the freedom to wander at will exploring this lovely property. Some find this the best meeting to which to invite friends who are interested in membership.

**Give** some serious thought to what you'll add to the buffet. We ask for sign-ups both for attendance and for what you'll bring so that we have all the courses covered... and so Pat can order the turkey. On page 4 is a list of menu ideas: check it out, decide what to bring, and drop a me note or give me a quick call at [milfeld@msn.com](mailto:milfeld@msn.com) or 951.780.7395; please do leave a message if I miss you. Let's see what the favorite recipe is this year; last year was Larry's Strawberry Jell-O!



**Thanks** to **Jerry & Pat** for once again hosting us for this special meeting. Pat always goes out of her way to decorate the tables for us, too. Such a lovely hostess! It's hard to believe we're set up in a garage with a polished floor and the 'coffee and dessert room' and spotless restroom attached. *Reminder: don't bring chairs this month; all you need is a food item!* Jerry may take the guys (and anyone else interested) to his filter room, another remarkable place, the man-cave of koi-keepers.

**at** the end of lunch, whether full or stuffed, we get to have fun and games, this year led by Jill McClain (the Fales get to spend Thanksgiving at UC Davis with daughter Carrie.) Don't know if it's fair to remind you, but last year there were games involving wallet contents and pocket change....

**the** key piece of business for the day will be the annual election of officers and directors. The ballot will ask you to re-elect **Rob Fales** to another term as VP; he's done a fantastic job of arranging meetings and speakers as well as covering at meetings as president, and he does a great job with Deanna on the raffles. I think they both just like to shop! **Ed Kushner** is asking for a third two-year term as director, and **Larry Leverett** is nominated to be a director. There are four directors continuing in office, needing to complete two-year terms: **Deanna Fales**, **Jack Marrin**, **Randy McGarvey** and **Tom Wright**. That leaves one opening for another director, plus vacancies for president and secretary (or newsletter editor — one of them needs a break!) We will take volunteers or nominations from the floor. Our By-laws do limit how long any one person can serve in any position, and those rules have been stretched a lot over the years. No shame, but I do encourage any who can to find even a small way to serve the club to step up and do it.

**M**ake time this meeting to visit the pond, of course, but also wander downstairs to the lower garage to visit Jerry's car collection. You might notice that there's a car wash down there, too! And another man-cave, complete with indoor racquetball and a viewing room with "back-seat" sofas made from the rear ends of classic cars.

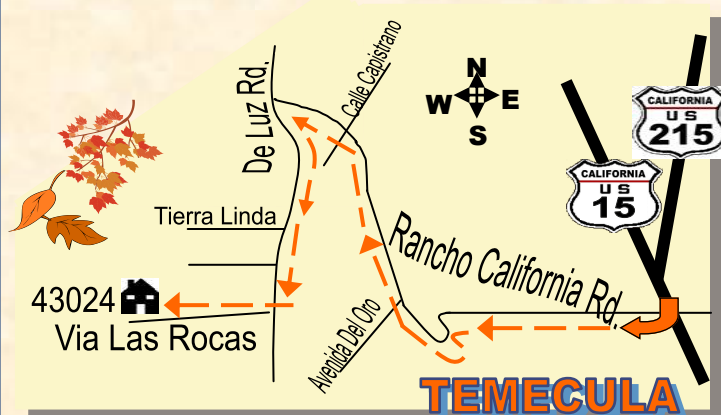


**A**s you may remember, Jerry and Pat had the winning Koi of the Year in April, 2010 — a stunning 4-year old Tancho Showa — shown on the back page. IKS submitted its photo to the AKCA to compete at the annual seminar against the koi of the year from all the other clubs in the nation. Their fish was judged and voted the AKCA Koi of the Year, and graced the cover of the next issue of KoiUSA magazine. See if he's still friendly, if you can spot him in the pond; I'll be looking to see how much he's grown! *Gorgeous creature!*

**L**ook around you during lunch and make a mental note of how many people you can call by name, how many you have (or have not) made a point of speaking with over the last year. Then challenge yourself to know more by sight next year, and to chat with a few different people each month. Let's get real friendly in 2016!

**L**ooking forward to this meeting as it begins the renewal season and I get excited about how many member will renew membership. The forms are tucked into this issue — *Thank you, Orville!* Please double-check all the information, make any necessary changes, and bring it back to me when you check in. I will be working on a Directory update and the sooner all renewals are in, the sooner I can print the directories and hand them out at meetings.

**S**o, 2015 is over for us, but there is much to look forward to in the new year. VP Rob has most of the year's meetings already scheduled, but he is still looking for hosts for May and July forward. We also need speakers and suggested topics, plus ponds for a tour, as that should be our event of the year. If you're ready to entertain the club, choose your month and contact Rob. And put Saturday, June 4 on your calendar for the 2016 Tour: we'll need lots of workers, too! See you in January at Larry & Debby Leverett's... and if it rains, we'll be in a garage again!



Map to 43024 Via Las Rocas, Temecula 92590-3904



**"FAMILY FEAST" MENU IDEAS**

We already have 40+ members signed up for our meeting on Nov. 22, but let's double that. Consider this list your not-so-subtle reminder of what to bring, and yes, changes of mind are allowed! Choose a new recipe you want to try (we're great guinea pigs), or an old family favorite. The deadline to sign up is Tuesday Nov. so Pat can order tables and turkey.

● **Stuffing or Potatoes ~ mashed, yams, cheesy...**

Francine Hoffman ~  
Mac & Jill McClain ~ mashed  
Spike & Ginger Cover ~ yams

● **Vegetable Dishes ~ all the family favorites...**

Bill & Trish Haumann ~  
Larry & Dorothy Wolf ~ corn casserole  
Randy & Pauline McGarvey ~  
Francine Hoffman ~

● **Salads, any kind ~ green, fruit, molded...**

George & Juli Ramirez ~  
Scott & Phyllis Zehm ~ potato salad  
Carl & Mary Leever ~ veggie & fruit tray  
Jim & Tess Poyle ~ broccoli salad

● **Muffins, Rolls, Breads...**

Armand & Eve Blais ~  
William & Donise Lei ~  
Francine Hoffman ~

● **Desserts, any kind and all the favorites!**

Ed & Linda Kushner ~  
Carl & Mary Leever ~ birthday cake  
Francine Hoffman ~  
Larry & Debby Leverett ~ two pies

● **Other Items, including Appetizers...**

Jerry & Pat Mall ~ turkey & gravy  
Bob & Bonnie Henry ~ butternut squash soup  
Carl & Mary Leever ~ ham

*If you're not on the list, call Peggy and sign up!  
(951) 780-7395 ~ or email milfeld@msn.com*

Great Resources Are Available In Our



A complete list of books & videos is available on our website. Contact our Librarian, Audrey Rowland, and she'll bring what you want to the next meeting! (951) 233-3671 ~ rowlandalong@gmail.com

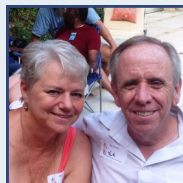
**We're still looking** for two members willing to bring an ice chest full of sodas to each meeting — one for Regular sodas and one for Diets. Without volunteers, sodas will no longer be provided.... We have the ice chests and will reimburse monthly.

**GET INVOLVED** join our board  
Your club needs you

**WELCOME TO OUR NEWEST MEMBERS!**

*Write these folks into your Directory and seek them out at meetings. Make them welcome; make them friends!*

*We offer you the advantage of years of experience (mistakes and all), and there are enough new-to-the-hobby members that no one should feel foolish asking questions. Ask away ~ there's something to learn from everyone!*

**New Members:****11/4: Ed & Louise Broomfield**

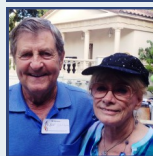
Claremont 91711 ~ cell (909) 519-7026  
e.broomfield@verizon.net  
louise.broomfield@verizon.net



*We'll get this piece soon!*

**11/10: David Parsons**

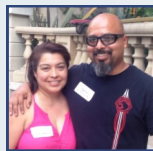
60425 Santa Rosa Road  
Mountain Center 92561-3747



(951) 801-2782 ~ BillHaumann@Roadrunner

**9/27: Bill & Trish Haumann**

7042 Dover Court, Highland 92346  
(951) 801-2782 ~ BillHaumann@Roadrunner.com

**9/27: George & Juli Ramirez**

198 W. Monterrey Dr., Claremont 91711  
(909) 626-0261  
BLWNOVA@yahoo.com

**ELECTIONS 2016**

**Elections for the 2016 term** will take place at the November meeting. Please consider carefully what you want out of IKS and whether you can give a few extra hours a month to keep us moving forward.

**Go for the power and the glory! Volunteer to preside!**

We're looking for an MC for regular meetings and a gavel-rapper for the Board meetings — someone to keep things moving along smoothly according to an agenda. (The VP has all the heavy work of coordinating meeting sites and speakers!)

**Wanted: Scribes, not Scholars!**

Contribute to the newsletter by writing a brief summary of the goings-on at regular meetings and submit it to the editor. You don't need to write up the speaker's presentation, just share what happened for those who were absent. Want to know first-hand what's going on? Offer to record minutes at the Board meetings and mail /email them to the officers and directors.

Remember: Once there were four people named **Everybody**, **Somebody**, **Anybody** and **Nobody**.

There was an important job to be done and **Everybody** was sure that **Somebody** would do it. **Anybody** could have done it, but **Nobody** did.

**Everybody** thought that **Anybody** could do it, but **Nobody** realized that **Everybody** wouldn't do it.

It ended up that **Everybody** blamed **Somebody** when **Nobody** did what **Anybody** could have done.

Take a chance! Be the **SOMEbody** that **ANYbody** could be!





**R**andy & Pauline were ready for everyone to show up! Based on the heat on Saturday, they had raised EZ-Ups to create a double-wide stage with a backdrop (*that might work for showing films sometime!?*), covered the buffet, and decorated for Halloween. Behind the buffet, the 'green door' was convenient access to a bathroom. The goats were ready for guests, there were umbrella-shaded tables and lots of seating facing the stage from front and side. Parking didn't really cause a problem: we had people out front to take chairs and food, then the drivers headed around the block to park south or north of the house and walk back to join us. It worked in reverse at end of day.



It was great to see our newest members, **Bill & Trish Haumann** and **George & Juli Ramirez**, at this meeting; we look forward to them becoming regulars. Forewarned, they came to join at the last meeting and brought chairs and potluck dishes. **Duane & Gigi Flory** and their son **Jake** are visiting today, friends of our hosts; they've come from just a few blocks south of our home in Riverside and it's their first time here, too.



After initial greetings, and after everyone has wandered around to meet the goats and chickens, birds and koi, Rob excused all for lunch. It's a beautiful day, clear and without the expected heat.

**Randy** takes his turn to talk about their urban farm and answer questions about predators. Yes, a couple years ago he found a koi in the far back of the yard, and assume it didn't swim there; might have been plucked out by a bird and then dropped, but not sure. And he caged a skunk once, then didn't know how to get it out without getting sprayed! *Not fun!!* Downsizing from 30 chickens to the goats gave them the fun of raising kids and selling them. (*What a concept.*)

**Orville Hanson** shared a recent experience with us as a warning about how and where and how long you store chemicals used around the pond. You may read all the big print about how good **MinnFinn** is for treating bacterial infections and such, but, as with all chemicals, you want to read the fine print, too. Perhaps the house is not the safest place to keep them but, in this case, that may have been the saving grace. That and a sharp nose. *Read more on page 9.*

**Mac McClain** also shared with us. Mac is one of our past presidents and has agreed to take back his position as AKCA Rep, choosing to report directly to the membership at meetings

instead of to the Board. AKCA is the umbrella organization under which IKS and 65 other US koi clubs operate. It provides our insurance, trains and certifies koi judges and Koi



Health Advisors, and published the KoiUSA magazine. In particular, Mac wanted all to know that IK will cover the registration cost for two members a year to train as KHA's. If you are seriously interested in a deeper study of koi, talk with Mac or Spike; we would like to have more experts in our club.

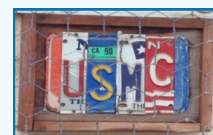
**O**ur speaker this month was not Wesley Gonzalez of Van Ness Water Gardens, as reported; he cancelled two days before the meeting. We have some wonderful speakers in our midst, and **Spike Cover** graciously agreed, on short notice, to give instruction on "How to Become a Better Koi Keeper." Spike has many years of experience in Koi! He spent 10 years as head of AKCA's Scientific Committee, and during that time founded AKCA's Koi Health Advisor (KHA) Program, writing course materials and serving as Director and instructor. He established AKCA-funded research projects to study KHV, helped write the *Koi Dealer Best Health Practices Certification Program*, an AKCA project, and is a founding member of Koi Organisation International (K.O.I.), writing much/most of the K.O.I. Guide. He's a writer, speaker and incurable fish geek. [See page 6 for highlights of Spike's talk.]

**W**inding up a meeting always includes the birthday list, this month quite a long one, topped by three anniversaries: On the 7th, **Ed & Linda Kushner** will finish 7 years; on 12th, **Dennis & Dorothy Lynaugh** reached 58 years, and on the 28th, **Tom & Pat Sharpe**, Chrisie Nobles' parents, will celebrate their 60th! What a blessing to know those numbers exist today. Birthday wishes this month go to **Pat Mall**, **Larry Leverett**, **Chrisie**, and our host, **Randy**. And we thank **Mary Leever**, as always, for bringing the birthday cake.

**W**ith reminders to sign-up for our Thanksgiving Feast next month, **Rob & Deanna** started drawing numbers in the raffle, then wished everyone a safe drive home. Several

people stayed put, just chatting and enjoying the company of others, because that's what we do....

**S**ee you next month in Temecula! ❖





*Spike Cover could probably teach this* in his sleep, and has graciously given me his outline on which to elaborate. But it boils down to five basic considerations on which he focused.

**1 Keep the pond clean.** “The pond” is a euphemism for the whole system — pond, filters, sumps and skimmers, waterfalls and streams, and piping throughout. The water is home to your koi, where they eat, sleep and feed, so keeping the pond clean should be a top priority. A clean pond reduces stress. The cleaning process includes regularly skimming leaves from the surface (they can turn water brown; organic decay, and cause a buildup of ammonia or trigger an explosion of algae. A water test kit is a given here.

### *the Solution to Pollution is indeed Dilution*

Frequent water changes are imperative: they prevent the slow buildup of toxins. An old fish keeper’s adage applies here: *The Solution to Pollution is indeed Dilution*. A recommended 10% per week water change is the prevailing wisdom. Some have done 10% a day on occasion, dropping to 5% a day. Changes provide a cheap source of fertilizer for lawn or garden; you can redirect the drain-off water to these areas (but probably not if the pond has been salted).

Nick commented that he pumped from the clean side of his filter into his irrigation lines, and then, when finished, he flushed the lines with tap water for a one-minute cycle. If irrigating from the ‘dirty’ side, you may need to strain debris from the water first; a centrifugal separator can be use for this.

**2 Feed with a quality food.** Koi are possibly the most dirt-producing fish we keep as pets, and most of it is our fault. We feed too much too often, totally out of balance with their cousins in a natural habitat. And what goes in goes out, so it is in our best interests to use a formula designed to maximize assimilation and minimize waste.

Spike has recently stepped up to Hikari™ food and has found he cleans the filters less often and finds less waste. Invest in it if you can afford it: you get what you pay for. We also need to control our desire for rapid growth in our koi; an auto-feeder will let them control their own diets with consistent feedings, even through our vacations, and probably use less food overall.

**3 Be prepared for the emergency.** We are responsible for the care and treatment of our koi, and the unexpected should be anticipated. Starting with **equipment**, keep clean buckets, nets — don’t use a pool net — and tubs available.

Have at least the standard or **common chemical treatments** on hand. ClorAm-X is an ammonia binder; it destroys chloramine and then removes the ammonia and chlorine; it won’t affect dissolved oxygen levels and reduces pH drop; it is non-toxic to us, pets, and fish. It is used when conditioning a new pond as well as during or after water additions, and before adding new plants or ‘creatures’ to the pond (*and in water used to transport koi, as in the fresh water for bagging at our auctions.*)

Spike suggested three **common medications** for our arsenal: potassium permanganate (PP or KMnO<sub>4</sub>), Praziquantel, and Proform-C.

**PP** is an effective anti-parasite treatment for pests such as Trichodina, Costia and Chilodonella, and can help with bacterial gill disease and skin ulcers. It also oxidizes dissolved organic matter, reducing the biological demand and improving water quality and clarity.

**Praziquantel** is the best treatment for flukes. Gentle yet effective, it is a one-time treatment which does not require water changes after treatment and doesn’t require a bypass of the filter system. It works with salt in the pond, too. It can/should be used in early Spring and late Fall as a preventative measure.

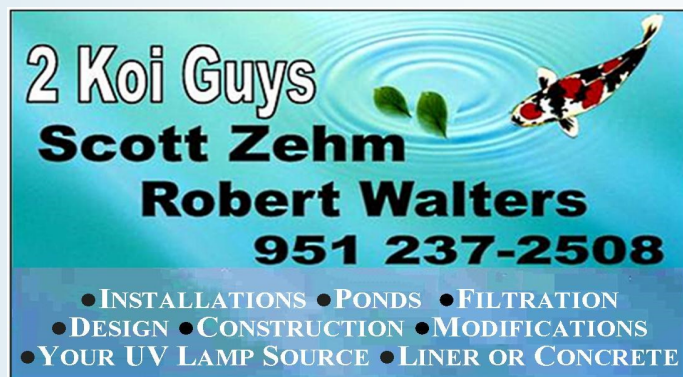
**Proform-C** is a broad-spectrum disease treatment for Costia, Trichodina, etc. and fungal infections. It’s a better combination of Malachite green and formalin (MG&F) because it uses Malachite green *chloride* rather than the more toxic form used in other MG&F products. It can be used in water temps as low as 50°F, *i.e.* early Spring and late Fall, and doesn’t require a bio-filter bypass, so you can treat the entire pond system.

Asked if you find one koi with parasites, should you treat the individual or the whole pond, Spike answered that he prefers to treat the whole pond: koi are generous, sharing creatures.

**4 Have quick access to good information.** Spike recommended two excellent resource books, E.L. Johnson’s *Koi Health and Disease*, and D.L. Griffith’s *Step by Step, Advanced Diagnosis and Treatments*. He also made a shameless plug for K.O.I. membership, as the K.O.I. Guide has all the info in a compact form, safe and handy to use pond-side.

There is always the hope that a club has trained, certified people who can be called for help — whether a Certified Koi Keeper (CKK), or a Koi Health Advisor (KHA) — or a local vet who treats fish. It’s also nice to have in your kit a small scale for weighing medications and chemicals and a microscope for diagnosing parasites. A 40x microscope will make visible anything but Costia.

**5 Quarantine.** Quarantining your new fish (and, as seen on page 9, any living thing being introduced to your pond) is the number one thing we do for the safety of our pond; it is our control. Koi raised in mud ponds have amazing access to parasites, so we should be vigilant to clean them up before adding them to the pond — regardless of the reputation of the breeder or the dealer. Buying from a dealer who does quarantine is a basic protection; we follow it with our own proof. Another alternative is to buy from one dealer only, always, but even then you may be dealing with koi from different breeders. ❖



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# 3<sup>rd</sup> Guide Supplement

## Free with renewal

Lots of new pages of more good stuff  
you just can't remember when you need it

### K.O.I. Guide & Supplements

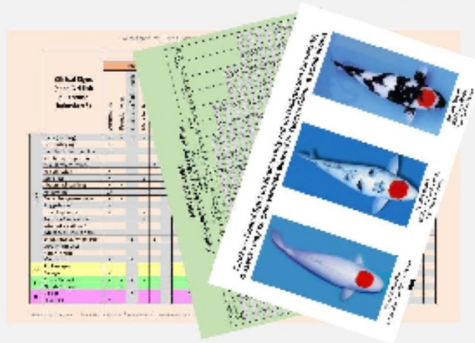
Guide free with initial full membership .....	\$24
3 <sup>rd</sup> Supplement free with full membership renewal .....	\$15
Guide+Supplements 1, 2 & 3 with initial full membership..	\$54

**Waterproof** paper and printing – use pencil or waterproof ink to add your own info

**Rigid binder cover** supports note taking

**Guide** includes: zone chart for water quality parameters; internal anatomy pix; original & modified vet-recommended injectable dosing charts; parasite ID page; Tx for parasites; chemical treatments charts; water treatment chems chart; piping flow rates vs. various pressure heads; basic pond calculation formulae.

**3<sup>rd</sup> Supplement** includes: New appreciation pages – Tancho, Gin Rin, Asagi & Shusui, and numerous varieties within Kowarigoi, all in full color; microscope use; ORP; sterile injections; S.O.A.P. Notes and their use; plus charts to aid in differential diagnoses, this is our first fold-out page; plus new pond call forms to use with S.O.A.P. Notes.



Website: [KoiOrganisationInternational.org](http://KoiOrganisationInternational.org)

**Q:** What if there was a source, available 24/7/365, that provides the information you need and want about Koi keeping? That would be nice...convenient, right?

**A:** Good news: There is just such a source and it's a click away on your computer. A new teaching/learning web site is available right now online at [www.KoiOrganisationInternational.org](http://www.KoiOrganisationInternational.org)

#### What is K.O.I.?

In 2009, a group of dedicated Koi hobbyists sought a suitable outlet to learn more and teach others about good Koi husbandry. They became a steering committee of 25+ members. Including members of the international community, they knew it would limit their efforts if they tried to work only in the US, and face-to-face interaction on a world-wide basis would only work on an Internet-based venue, but internet postings are too often unsupported opinion or sheer speculation. They wanted evidence-based, current, accurate and useful information. So they formed an international, internet-based teaching and learning organization named to reflect the focus on Koi and their international nature – thus the use of *Organisation* with and 's'.

As a volunteer group, they funded the initial costs, but soon realized the project needed a source of sustaining funds. They incorporated as *Koi Organisation International, Inc.* and applied for nonprofit status; approval was granted, and all donations to K.O.I are now tax deductible. They thought that others would pay a nominal sum for the results of time-consuming research, verifying and creating the final products, so some information is available free, but other offerings have a modest fee to sustain the group's mission, which is:

*"to promote and improve the world-wide enjoyment of the Koi hobby by providing hobbyists with opportunities for education, scientific study and mentoring, the recognition and management of Koi and pond system problems, and the management of improvement options."*

IKS is a member of K.O.I., and by extension, our IKS members have access to most everything on the K.O.I. website. IKS has a copy of the Guide in our library. We can shop the Store at Member prices.

A full personal membership is only \$24 initially, which gives you your own copy of the K.O.I. Guide, a waterproof binder practical for use around the pond; even the pages are waterproof. Three supplements have already been created, each given with a paid renewal. Members also get 20% discounts on E-books and 10% off on courses.

You can also choose a full "Membership PLUS" for \$54, which gives you the Guide and all three supplements. Note that the K.O.I. membership year is October 1 through September 30. Renewal are only \$15, due now.

<http://koiorganisationinternational.org>



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*Send me a question and I will do the research or pass it on to one of our experts for a better answer. We can learn together!*

~milfeld@msn.com

**Q:** *A comment at the last meeting became this question: A friend lost her koi after introducing plants from another person's pond. Should plants be quarantined as our fish are and, if so, how? What on the plants would be the problem?*

**A:** The quick, simple and practical answer would be yes, just to be safe, although it would also suggest inclusion of a 'sacrificial koi' in the QT tank. But I did check with the experts....

The first issue is water, so consider: If you travel to Mexico, the #1 rule is 'Don't drink the water!' Why? Your body develops tolerances to the parasites and bacteria in the water you use every day, but not to 'foreign' pathogens, so you get sick.

"Fish react the same way. If you introduce new parasites into the water by the introduction of new fish or even plants and other aquatic creatures, there is a good chance your fish could become ill or die." Plants can carry pathogens and, if not properly treated prior to introduction to your pond, can cause your fish problems.

There is no doubt that, with any aquatic life form you add to the pond, you also increase the risk of contamination by the introduction of foreign parasites and disease. It is up to you to weigh the added risks, and that totally depends on your knowledge of each new species and the possible preventive treatments that may be

required. Needless to say, if you have a pond of expensive show-quality koi, you are going to frame your pond around their needs and not contaminate it with anything!

With that in mind, it is vital, when adding plants, that they be treated first. There are many commercial treatments, which can accomplish this, but I prefer to use potassium permanganate or 37% Formalin.



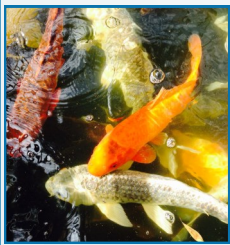
In the case of Formalin, which is more readily available, simply put the plants in a container of water, add the appropriate amount of Formalin (3cc per every ten gallons of water), and leave them in this so-

lution from 3 to 5 hours. They now should be pathogen free and can be introduced into the pond. **Do not add the water in which they were soaking to the pond;** discard it in an appropriate waste drain. Nor should you add the water the plants came in – water from another pond.

One pond source said to soak plants in a 50ppm solution of potassium permanganate (KMnO<sub>4</sub>) for one hour, then quarantine for two weeks. Others find about 0.5Tbsp of KMnO<sub>4</sub> per gallon to be adequate for a one-day soak, primarily to eliminate pond snails. A warning is added to be careful with KMnO<sub>4</sub>, not only because it is poisonous, but because it will stain red anything it touches.

**HELP! KOI NEED HOMES!**

**Glenn & Pamela Warrington**, former Riverside members of IKS, have begun the adventure of moving but find that most prospective



buyers don't want their koi. Their pond was showcased twice on our tours, in 2002—the "Waterfall Tour"—and again in 2005. Today it is home to about 100 fish, beautiful colors, all shapes and sizes, including many longfin koi.

Pam contacted us asking for help...

*"We are in the midst of selling our home. Buyers do not want the fish. I was inquiring if you or anyone in the club, would like to purchase any of my koi and bless them with a home? Or if you know any others who would. We used to be members of the IKS and had our pond on the tour twice. You would be helping us out and putting peace in my heart; I will feel good knowing they would be going to safe homes."*

*I look forward to hearing from you. You can reach me at the following numbers:*

Home# 951-682-6850

Cell# 951-662-4776

*Thank you, Pamela Warrington"*

Pam has had a few calls, but still needs more homes for their koi!

**CHEMICAL WARNING ~ A TICKING BOMB**

**Orville brought fair warning** to us about storing koi chemicals. Having breakfast one morning, he heard a 'hissing sound'. No gas smell, but checked every possibility anyway. Sound seemed to come from under the kitchen sink, so...

He found MinnFinn, an anti-bacterial treatment for the pond. The chemical had eaten through the bottom of its plastic bottle and the leaking fluid had begun to eat away the bottoms of metal cans of cleaning products stored nearby. One of them was contained heat-generating crystals. Cleaning out the cupboard, he realized he had just prevented a potential fire, explosion, severe if not total destruction of the house.

**MinnFinn** combats bacterial infections and parasites, Costia, Trichondina and other external protozoal infections.

It works so well that it will kill the whole bio filter if not used properly. Make sure you completely bypass all filtration until it is completely neutralized; in fact, use requires application of the neutralizer, NeuFinn. It is expensive, not an OTC treatment, and requires careful handling, measuring & preparation, and storage. MinnFinn should be stored in a cool place out of direct sunlight; with proper storage the shelf life is 1 year. Avoid contamination from any source, including metals, dust, etc.; contamination may cause rapid decomposition, generation of large quantities of oxygen gas and high pressures. For a lot more information, search <http://www.koi-pond-guide.com/minn-finn.html> Be careful!







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## CALENDAR & KOI EVENTS

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Or call 951-687-3015

Save the date: March 5-6, 2016  
**SAN DIEGO KOI SHOW**



NOV

DEC

JAN

21	<b>Santa Arrival &amp; Holiday Tree Lighting</b> ~ Promenade, Temecula. 7 pm ~ Pre-show begins 6pm. Music-Giveaways-Fireworks
21	Keep Our Gardens Clean & Beautiful ~ 8:15-11:30am; will be cancelled if it rains. Community Service hours. 951.784.6962
21	<b>CKSD DEALERS' TOUR</b> ~ Details below.
22	<b>IKS THANKSGIVING FEAST</b> ~ 2-5 pm, hosted by Jerry & Pat Mall ~ 43024 Via Las Rocas, Temecula ~ 951.506.4814 The club provides the Turkey, we'll sign up to bring the rest! Elections and fun 'n' games.
27- Jan.9	<b>Festival of Lights</b> ~ Mission Inn, 3649 Mission Inn Ave., Riverside ~ Switch-On ceremony 11/27, 4-11pm, 3.5M lights + fireworks open the season! <a href="http://RiversideFestivalofLights.com">RiversideFestivalofLights.com</a>
1-31	<b>Temecula's Winterfest</b> ~ Electric light parade; outdoor ice skating..
2	<b>IKS BUSINESS MEETING</b> ~ 7pm / All IKS members welcome! ~ 6531 Box Springs Blvd., Riverside 92507
4-8	<b>68th Annual Feast of Lights</b> ~ University of Redlands. 8pm [4pm on 12/6] ~ A beautiful service of worship in word, tableau, song & instrumental offerings. ~ Ticket office 909.748.8116 ~ Tickets online at <a href="http://www.redlands.edu/feastoflights/Tickets">www.redlands.edu/feastoflights/Tickets</a>
4	<b>Holiday Promenade &amp; Tree Lighting</b> ~ Entertainment starts at 5pm. Claremont Village ~ Info at <a href="http://thevillageclaremont.com">thevillageclaremont.com</a>
13	<b>Snow Day!</b> ~ Noon-4pm. Play in 25 tons of snow! Palm Court Center, Fontana ~ Sierra & Slover, exit Sierra Ave off I-10
19-20	<b>Nutcracker</b> at Landis Auditorium, Riverside Comm. College ~ 1 and 7pm. Tickets \$17-\$39. <a href="http://www.brava-arts.org">www.brava-arts.org</a>
25	<b>A BLESSED CHRISTMAS TO ALL!</b>
31	New Year's Eve: <b>HAPPY NEW YEAR!</b>
23	<b>GARDEN SEMINAR</b> series by Riverside Flower Show Committee & Marc Chacon, garden designer: Creating Garden Retreats that Can Survive Our Weather" ~ 8am-12noon. ~
24	<b>IKS POTLUCK MEETING</b> ~ 2-5pm, Larry & Debby Leverett's, 5349 Jasper Lane, Riverside ~ 951.781.3887
27	<b>IKS BUSINESS MEETING</b> ~ 7pm / All IKS members welcome! ~ 6531 Box Springs Blvd., Riverside 92507



### YOU'RE INVITED!

Join KCSD members on a bus trip to the top four koi dealers in  
the LA-OC region on **Saturday, November 21**. Check it out:

**A day of fun** ~ Games, great prizes, snacks on a comfortable  
bus ride. \$35.00 each includes lunch. Pay, reserve a seat now!

**First pick-up** in San Diego: **8am** at **Govenor** and the **805**;  
that's a Park & Ride south of UC San Diego.

**Second pick-up:** **9am** in **Carlsbad** at **La Costa Ave.** and **I-5**;  
south of Legoland and the Batiquitos Lagoon.

- **First stop:** about 10:30am at **Laguna Koi**
- **Second stop:** 12-1:30pm at **Inland Koi**, with lunch there
- **Third stop:** about 2pm at **Eastern Koi**
- **Last stop:** about 3:30pm at **Andrews Koi International**
- **Return home** with drop-offs at the same pick-up points.

This is a visit as well as a buying trip: have your QT ready!  
For more information, contact:

- Shirley Elswick ([sfelwick@cox.net](mailto:sfelwick@cox.net)) ~ 619.222.9825
- Susi Woods ([susiwoods1@hotmail.com](mailto:susiwoods1@hotmail.com)) ~ 898.692.7005
- Checks to KCSD should be mailed to Shirley Elswick at  
her address: 3638 Charles St., San Diego 92106-2841

**Laguna Koi Ponds** ~ 949.494.5107

20452 Laguna Canyon Rd., Laguna Beach 92651

**Inland Koi** ~ 714.438.0087

18122 Mt. Washington St., Fountain Valley 92708

**Eastern Koi & Waterscapes** ~ 714.895.7998

14700 Goldenwest St., Westminster 92683

**Andrews Koi International** ~ 714.778.8888

1650 S. Brookhurst St., Anaheim 92804

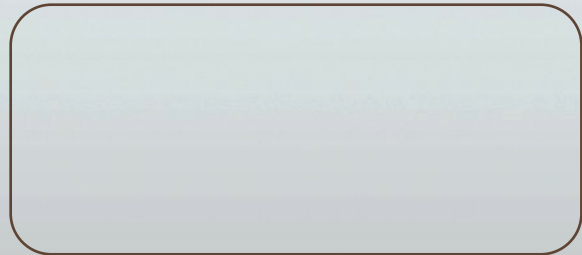




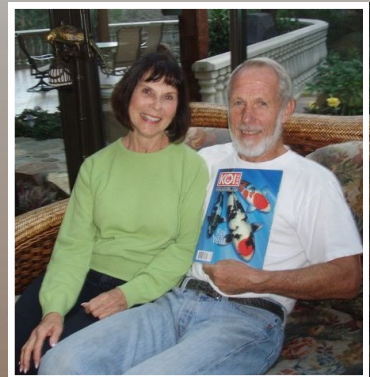
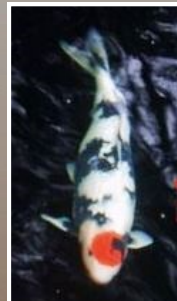
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**Return Service Requested**

**2016 Renewal Form**  
**ENCLOSED**



Two garages: one where we'll dine,  
and one for the guys.



Cover Girl: Jerry & Pat's Tancho Showa  
was AKCA Koi <sup>of</sup> the Year 2010



By the pond,  
Summer vs. January 2015



**Visit our website: [www.inlandkoiociety.org](http://www.inlandkoiociety.org)**