

The Inland Koi Connection

THE OFFICIAL NEWSLETTER OF IKS • ISSUE 284 • APRIL 2022



Sunday, April 24 Potluck Meeting Hosted by Rob & Deanna Fales ~ 2-5pm 760 La Cumbre St., Corona 92879 ~ 951.279.0181

Rob & Deanna Fales have hosted the IKS Board, as well as auction and tour committees, on many occasions; they let the public tour their yard during the 2018 Pond Tour; but they've never invited the club to meet pondside and see the amount of love they have poured into this foothill property.

The Fales built the original pond in 2010, after inheriting five koi from a relative; a year later they dug it down to a 33" depth (*a constant challenge being a preponderance of solid granite*) and added a bottom drain and filtration. Embracing the sloping backyard, they built a cascading field-stone-lined waterfall that cuts through the hillside to the pond below, suggesting a stream from the local mountains reemerging in their backyard.

Venture up the rock stairs at left, or take the gentle route on the right, to sit on the fish-viewing decks above the pond to take in the entire effect. At the top on the far left, go through the gate to see Rob's newest project, turning unowned land into a cactus garden retreat. Watch your step: lots of babies un-



der foot out there! It's all so inviting at dusk and later in the evening.

Bring chairs, food for the buffet, something for the raffle table.... Enter through the gate left of the garage.

See you Sunday!



CLUB NEWS . . .**NOTES FROM APRIL 3 IKS BOARD MEETING**

• **The IKS Board** met at the Fales' and they agreed to host the April general meeting. After the usual potluck, our Panel of Experts will field questions about anything and everything koi. Bring chairs, a dish to share, and questions. Seriously, let's play Stump the Experts!

• **Meetings:** Hosts are still needed for meetings for this year and next. Please contact Brenda Aker to offer your pond for a visit.

• **Treasury:** Without the bill for our storage unit this month, income exceeded expenses and our balance is up \$200+, thanks to those renewing, ordering badges, and participating in the drawing.

• **Koi Auction:** Praying we'll be able to host an auction in 2022, but COVID is the determining factor. Looking now at October.

• **Rescue:** Tom & Deanne recently release two koi at Dos Lagos and said they could identify several big koi that they had released earlier, healthy and enormous. "Being in the wild is therapeutic!" Scheduled a rescue on 4/10 for eight koi. **All koi in QT are available for purchase, \$50-\$200 depending on size and quality...less than retail!** Contact Ed.

• **Poll Results:** The 41 members at the March meeting turned in 24 questionnaires; 19 voted for a trip to Barstow and 12 voted for a bus, obviously willing to pay a higher price per person to ride. Sixteen said they would work at an auction, but many of those could represent two people; we need to go over them again to note how many were from couples and how many from singles. There were 9-10 ponds offered for a tour, and we hope those members will also consider hosting a meeting if asked (a lot less traffic!); there were also 12 offers to host a meeting this year or next, and two or three would be new sites. If avoiding a question were a silent 'yes' (*Just ask me...!*), the majority were willing to get involved in leadership; only nine said No. ☺

4/3	IKS BOARD MTG ~ 5:30 pm / Host: Fales
4/9-10	San Diego Koi Show, Del Mar Fairgrounds https://kooclubofsandiego.org/resources/
4/23-24	Riverside Garden Tour ~ Free ~ No Flower Show
4/24	POTLUCK MTG ~ 2-5pm / Hosts: Rob & Deanna Fales, 760 La Cumbre St, Corona 92879 ~ 951.279.0181
4/30-5/1	Redlands Garden Tour & Plant Sale ~ \$15
5/1	IKS BOARD MTG ~ 5:30 pm / Host: Scott Zehm
5/22	POTLUCK MTG ~ 2-5pm / Tentative: Francine Hoffman
6/5	IKS BOARD MTG ~ 5:30 pm / Host: Kushners
6/26	Potluck Mtg ~ 2-5pm ~ Location Pending

Board of Directors

Welcome to our Newest Members ~ look for unfamiliar faces and greet them!

Raymond Aguilar (9/21)
1384 Detroit Str., Norco 92860
951.275.2446 ~ xrayra@gmail.com

David & Belinda San Jose (9/21)
Rowland Heights CA 91748

Jason & Kristine Zara (9/21)
9739 Palmetto Ave., Fontana 92335
760.970.9338 ~ jasonazarad@gmail.com
Kris ~ 760.970.9334

Richard & Janna Grushen (10/21)
22775 Gierson Ave, Wildomar 92595
951.775.7755 ~ koikeeper@ca.rr.com

Howard & Kimberly Newton (12/21)
43200 Vista Bonita, Temecula 92590
949.285.9902 ~ 949.285.1679
NewtonAvocadoManor@gmail.com

Paul & Angel Palacios (2/22)
42299 Oregon Trail, Murrieta 92562
951.712.2631 ~ dr.breeze@hotmail.com

Look for these members & welcome them back:
John & Cricket Mouw ~ Riverside
Chuck & Ping Hille ~ Riverside

2021 OFFICERS & DIRECTORS**Officers**

Ed Kushner, President 951.520.0092

Koi Re-Homing ~ Web Liaison

Brenda Aker, V.P. 951.316.0263

Meeting Sites & Speakers

Monica Dirac, Secretary 909.887.7497

Nick Milfeld, Treasurer 951.780.7395

Membership

Peggy Milfeld, Editor 951.780.7395

Directors

Rob & Deanna Fales 951.279.0181

Raffles ~ Koi Re-Homing

Larry Leverett 951.781.3887

Properties Manager

Linda Kushner 951.520.0092

Alvin Watson 951.764.6387

Scott Zehm 951.237.2508

Theo Zoetemelk 951.735.9896

Buffet & Banquet Supplies

The following is a reprint of a talk given by one of our favorite speakers, Jack Chapman, in March 2018. It's a timely review of a lot of information.

DOES A 32" CHAMPION BELONG IN YOUR POND?

As **Jack Chapman**, one of our favorite guest speakers, struggled with the mic, he broke the ice with this quip: "I know, you're all afraid of a voice malfunction. It ain't gonna happen!"

From there, he presented quite a challenge: to sit down this time of year and make a serious review of where you are with your pond, then question your goals for the year along three lines of thought – Koi, FOOD, and ENVIRONMENT. He addressed each issue in 12-minute bursts of focused energy.

Koi: Do you want a new fish this year? You get to decide what to spend on koi, and the more you're willing to spend, the more you need to know about keeping koi. You can enjoy a new fish for a time and then trade it out at auction, but if you invest a small fortune, you're not going to let it go that easily. Do you have a koi 'bucket list'? A specific variety, size you dream of having? Weigh what it will take to get it, to keep it healthy for a long time. Do you want to show it? What will you have to do to maximize its potential; how long it will take; are you committed to that goal?

Jack had two on his list. ♦The first, a 2-year-old *Shiro Utsuri* from Japan that he bought and left in Japan to be grown out for one year in the ideal conditions in which it was bred and raised. He didn't enjoy it in his pond, but he did enjoy entering it in the All Japan Show as a 3-year-old and winning a second place trophy! ♦The second, a 2-year-old *Asagi* at a dealers-only auction, had a high price tag. He gamely asked if there was any chance of getting it for \$2500-\$3000, and the dealer sagely asked, "You want the front half or the back half?" It sold for \$7200.

Food: Nutrition is vital to the health of your fish, whatever you have and, again, you get to decide what you feed your koi — based on what you want your koi to become. Read the labels, but anything beyond that is "proprietary information" and not for us. In fish meals alone, there are 40-50 grades; white fish meal has 20 grades. Most people like to be told exactly what to feed and when.

Jack recommends that you measure a fish to get the real length – tip of nose to tip of tail – then calculate weight based on a koi weight chart. Weight is important for medications dosing and for calculating how much to feed based on how much growth you want. Use a **weight-to-length chart**, or employ the **12-12 rule**: a typical 12-inch koi weighs 12 ounces. Obviously, a fat fish weighs

more; a skinny fish, less. A formula for determining the weight of other-length koi is: **weight = length x length x length / 144** (for weight in ounces). Then decide how much growth you want, 1 or 2 or 3%. Feeding schedules are different for small, medium and large fish, so it's easier to go with the middle rate as the average if you have a great diversity of sizes. Then, measure out the food for each feeding; in summer, Jack feeds 7 times a day.

Jack is very fond of suggesting a "poop watch" as a practical diagnostic of koi health. After all, everything that goes in comes back out, and you can tell a lot from the poop: Are you feeding too much? Do they digest it all?

Want some special foods for your pets? Silkworm pupae are a great treat for koi, but rather expensive at \$80-85 for a box. The mulberry trees on which the silkworms feed are high in important amino acids, and koi need the same amino acids with only a couple of exceptions. A cheap and very satisfactory substitute is red yams. Bake the unpeeled yams in a 350-degree oven for 40 minutes, then slice and dice; don't make mush. The yams are especially good for red colored koi (*and red should be the primary color in the pond*), and can be fed to them from early Spring into late Fall. In Australia, koi keepers will beef up a fish by treating it with honey on wheat bread: simply spread the honey on the bread and then bake it a bit to make a drier toast. Another favorite is powdered marigold flowers, but don't overdo it: your white koi may show up yellowish!

The most important thing about Spring is how you want them to be in the Fall

A few important notes: Don't store koi food in a plastic container in the full sun; keep it in the shade, or better yet, indoors. And don't buy or try to keep a 3-year supply of any food; take seriously the expiration dates, as seriously as on your own foods.

ENVIRONMENT: As a hobbyist, you get to decide how much you control your koi's home environment. The maintenance schedule of the pond is vital to the health of your koi. You must be able to control the stress levels surrounding your koi: stress shortens their lives and destroys their colors. So what causes stress?

♦Spring transition is hard on our koi, especially with the temperature fluctuations we have. At 62-63°, a fish's immune system is functioning at about 50%; the immune system in the Fall is at its optimum. Therefore, do heavy maintenance then, when the fish are at their strongest.

"The most important thing about Spring is how you want them to be in the Fall." ~Continued. page 5

 Redlands Horticultural & Improvement Society
GARDEN OASIS

REDLANDS Garden Tour & Plant Sale

See the GARDEN TOUR that include 6 BEAUTIFUL GARDENS

Saturday	Apr 30–May 1	10:00 AM
Sunday	2022	4:00 PM

ASISTENCIA – 26930 Barton Rd.

Come visit the RHIS PLANT SALE full of a PLANTS, POTS, ART & MORE

Saturday ONLY	Apr 30 2022	9:00 AM
		4:00 PM

1352 Prospect Drive by the Carriage House



GARDEN TOUR

ASISTENCIA
26930 Barton Rd.
Saturday – Sunday
10:00 am – 4:00 pm

RHIS PLANT SALE

1352 Prospect Drive
by the Carriage House
Saturday ONLY
9:00 am – 4:00 pm

REDLANDS ART ASSOCIATION

215 E. State St.
Saturday – Sunday
10:00 am – 5:00 pm

 
RedlandsGardenClub.com

OPPORTUNITY DRAWING & TICKET SALES AT ASISTENCIA

- TICKETS AND MAPS-\$15 (Children 13 & under FREE)
- TOUR SIX GARDENS (with live music)

ASISTENCIA DISPLAYS & EXHIBITS

- Exhibit Gates Cactus and Succulent Society
- Quilt Display Citrus Belt Quilters
- Flower Photography Display Redlands Camera Club
- Opportunity Drawing

PRE-PURCHASE TICKETS

- Gerrards Market 705 W. Cypress Ave, Redlands
- Redlands Art Association 215 E. State St, Redlands
- Sunshine Nursery 34017 Yucaipa Blvd, Yucaipa
- Cherry Valley Nursery 37955 Cherry Valley Blvd, Cherry Valley

MEMBERSHIP RENEWALS TO DATE

Members listed below have turned in their dues and renewal forms for 2022. The list will be culled the end of March or early April, and there are so many names I don't want to miss this year!

If there's an asterisk at your name, please let me know if you want an email address listed, and which one. ~ Thanks, Peggy

Aguilar (new)	Hoffman	Nyirady
Aker	Houston ~ honorary	Palacios (new)
Alexander	Howo	Pierce ~ honorary
Atkiss	Hunter	Pollock
Broomfield *	Hurley	Poyle
Chandler	Kushner	Rowland
Coby	Lei	San Jose (new)
Dirac *	Leverett	Svelan ~ honorary
Elkind	MacLaren	Walters
Fales	Mall	Watson *
Frady *	Marrin	Wolf
Grushen (new)	McClain	Wright *
Hamilton *	McHan	Zara (new)
Henry (Bob)	Milfeld	Zehm+
Henry (Richard)	Mouw	Zoetemelk
Hille	Newton (new)	Are YOU here?

◀ **Redland Garden Tour ~ \$15 pp**
IKS member **Aiko Howo**'s pond and garden is included on this tour. Drop in and say Hello!

Riverside Garden ▶ Tour ~ FREE for all attendees.
Garden details and addresses will be posted on the website before the show in April. The Vendors' Garden Fair will be located at **Sim's Tree Learning Center**, 6111 Appaloosa Ave, Jurupa Valley 92509, and local gardening groups will have booths at the various gardens.

2022 Annual Riverside Community

Garden Tour "Homegrown Harvest"

6 Local Gardens FREE Admission

Saturday, Apr 23 and Sunday, Apr 24 2022 10 am - 4 pm

Craft Fair Sims Tree Farm Handcrafts, Plants Garden Art for Sale





Riverside Community Flower Show & Garden Tours

See our website for the 2022 Tour Details:
www.RiversideFlowerShow.com
Facebook/RiversideFlowerShow • 951-850-8277

Continued from page 3:

ENVIRONMENT: ...So what else causes stress?

♦**Ammonia** – there should be none.

♦**pH and temperature changes**, AM to PM. Koi are sensitive to change and will start flashing in the evening as a reaction to a 4° temperature change or a pH fluctuation of 0.4 up or down. You get to decide how much testing or journaling you do to track it.

♦**Chlorine is a killer; so are chloramines.** Chloramines are a combination of ammonia with chlorine. Unlike straight chlorine, which dissipates fairly quickly when exposed to air, chloramines remain in the water and are not good for our fish.

♦**Oxygen** – Koi waste half their energy in osmoregulation [i.e., maintaining fluid balance and the concentration of electrolytes (salts in solution) to keep the body fluids

from becoming too diluted or too concentrated] instead of repair and growth. An increase in O₂ levels can be an incredible bonus; know your pond's O₂ level and increase it for denser populations.

♦**Alkalinity** – Alkalinity is related to the amount of dissolved calcium, magnesium, and other compounds in the water and as such, alkalinity tends to be higher in "harder" water. (Hard water is noted for causing black *shimis* on koi.) In an established pond, the ideal alkalinity measurement should be around 100 ppm; readings from 50 to 200 are acceptable. High alkalinity is normally prevented by routine water changes. Watch the alkalinity to prevent a +pH crash.

Reconsider Jack's challenge to do an annual review – to make the decisions regarding koi selection, food requirements, and environmental controls – and then enjoy your koi more! ☺

ART AUCTION THIS MONTH

Last Fall, as Phil & Rachel Hunter donated these 4 'coffee table' books and pair of numbered prints to IKS, with the intention that they be used to generate some income for the club. To that end, some or all of them will be offered at auction this month.

① Koi Kichi, by Peter Waddington. Hardback, slipcase.

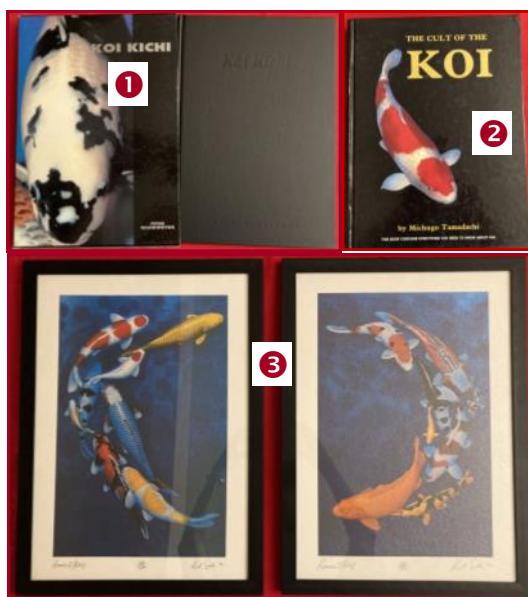
② The Cult of the Koi, by Michugo Tamadachi, 1990. 'This book contains everything you need to know about koi.' ~ During the 1990 Koi show held in Tokyo, a group of experts convened to discuss the knowledge which they considered vital for beginners and advanced koi-lovers. Dr. Tamadachi was there and made copious notes about the fish in the show. His notes resulted in this book.

③ ROTATING I (Part I #236/250), (Part II #238/250), by Keith Siddle '94. Set of companion prints featuring koi in a circling pattern; signed / numbered prints, framed in black; might be offered separately. Siddle is a British artist renowned for his koi paintings.

④ Kokugyo Vol.1, Nishikigoi Development. Hardback, slipcase.

⑤ Kokugyo, volume 1. Hardback, in slipcase, with CD/DVD.

⑥ Kokugyo ~ opened book to show content format.



GREAT NEWS!**Ed Kushner, IKS President**

Linda has sent word that Ed's latest tests show him **cancer free!** He is in remission and ready to gain back some of the 50 pounds he's lost over the last year. That brings smiles to the heart!

**Linda & Ed Kushner****New Badges Are Available Again!**

Made of the same plastic material as the original, with a magnetic "pin" on the back. Everything is printed on the badge, resulting in a clean, modern updated look.

Price:
\$12

**Scott Zehm****IKS LIBRARY**

Larry Leverett has the club Library in his garage. It is a collection of books & videos related to the koi hobby. Members have always been encouraged to borrow items to enhance their own knowledge. We used to have a Librarian who would bring the books to meetings, but it was a rarity that someone would take one. For a while the Librarian would report on a book or two to build interest; still no takers.



Therefore, the Board voted gradually to eliminate the Library and the Librarian, a thankless voluntary position no one wants. In the future you will find books and perhaps videos on the raffle table, freely to be taken if your number is called. Every koi keeper should have at least one good volume on the basics in their personal collection; you owe it to your koi!

OKO.I. News!

Koi Organisation International
Current Accurate Useful

April 2022

Welcome

NEW K.O.I. Member CLUBS

- San Francisco Bay Area
- South Texas Koi and Fancy Goldfish Society

Please Join Our K.O.I. Team

IMMEDIATE JOB OPENINGS

- Web Site Manager (WordPress)
- Assistant Membership Manager

Learn more here:
<https://koiorganisationinternational.org/job-openings-spring-2022>

GIVE BACK to the hobby you love!

CONGRATULATIONS

NEW CKK Graduates!

- Cathy Buff, Colorado Springs, CO
- Phil Goulding, Colorado Springs, CO

TIP OF THE MONTH

Coming Out of Winter, K.O.I. Tips
Please DO NOT dump anything in the pond and hope if fixes an unknown problem.

CLEAN Everything:

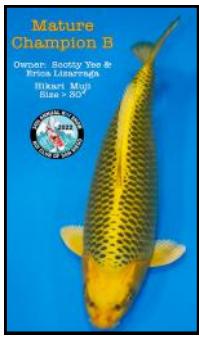
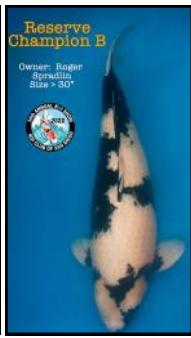
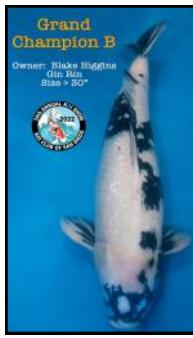
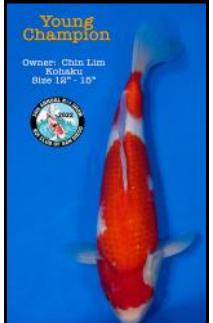
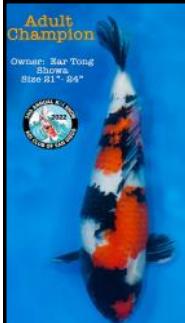
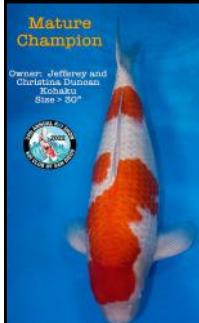
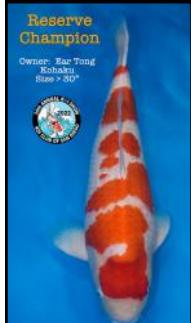
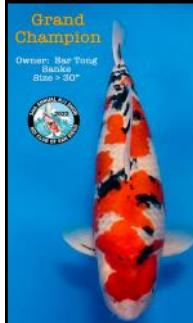
- Pond Bottom
- Filters
- Waterfalls, streams
- Equipment

OBSERVE! Let your Koi tell you if there's a problem

- Flashing? How many times/hour? One Koi or many?
- Any sitting on bottom with clamped fins?
- Any red spots or ulcers?
- Any Koi isolating away from buddies?

If you answer YES to any above and think you have a problem, consider getting help from a Certified Koi Keeper to help diagnose, scrape and scope, or treat an ulcer!

Learn More with our FREE EBOOK:
 • Coming Out of Winter
<https://koiorganisationinternational.org/product/coming-out-winter>





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RIVERSIDE, CA 92504-2603

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- Search for books & resources
- Watch educational videos
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inlandkoi.com

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