



THE OFFICIAL
NEWSLETTER
OF IKS
ISSUE 267
AUGUST
2019

August 25 Meeting Cancelled



Stay cool at home!

AROUND THE OVAL POND

The IKS Board generally meets on the second Sunday evening at 5:00 or 6:00 pm; they share hosting the meetings, providing simple refreshments or a dinner. Members are welcome to attend, but should let the hosts know their intention to do so.

The **August 11 Board Meeting** will be hosted by Brenda Aker, starting at 5pm for a light dinner. Address: 2375 Chateaux Way, Corona 92882. Interested Members are welcome to attend, but please call to let the host know your intention: 951.316.0263

- *Membership:* We received three new member applications at the July meeting, all sponsored by *Ponderiffic*. That's three new ponds in Hemet, Murrieta, and Yucaipa. We'd love to visit them!
- *Meeting Dates:* Ed has these <u>dates</u>, <u>hosts</u> and <u>speakers</u> confirmed:
- \bullet 25 August \sim Cancelled due to expected heat and lack of a host.
- 29 September ~ Steve & Kellly McHan, Loma Linda
- 27 October ~ Host needed ~ *call Ed Kushner to volunteer*.
- 24 November ~ Jerry & Pat Mall, Temecula
- Elections for 2020 Board: Just a reminder that we are always looking for members who are interested in being involved in the leadership of IKS. It requires a commitment to attending the Sunday afternoon General Meeting and the Sunday evening Board meeting each month. We will hold Elections at the November meeting; contact any officer or board member for more info and or to express your interest. Better yet, plan to attend an upcoming Board Meeting to get a feel for the business side of the organization. Thanks to all who make IKS the success it is!

WELCOME TO OUR NEWEST MEMBERS!

6/01/2019 ~ Craig & Wendee Backstrom 1555 Gratton Street ~ Riverside CA 92504 951.780.6590 ~ wabcjb1@att.net

6/01/2019 ~ Bryan & Lori Bakstrom Riverside CA 92506 loribackstrom@gmail.com

6/01/2019 ~ Ryan & Jennifer Cargando Riverside CA 92506-5547

6/01/2019 ~ Woody & Melissa Warren 8650 Mission Blvd. ~ Riverside CA 92509 909.994.6180 (C) WoodyWarren@sbcglobal.net

7/28/2019 ~ Vicki Nibecker
13358 Canyon Heights Drive
Yucaipa CA 92399 ~ vnibecker@gmail.com

7/28/2019 ~ Harold Six 200 Terry Lane ~ Hemet CA 92544 951.663.0810 ~ sixeugene@yahoo.com

7/28/2019 ~ Betty Sperry ~ 37829 Peregrine Place ~ Murrieta CA 92563 925.899.8723 (C)

Friends...ever ready to share a cup and see what's going on in your life!

Write these folks into your Directory, seek them out at meetings, and make them welcome! More than fellow members, make them friends!





BOARD OF DIRECTORS

President: Linda Kushner

951.520.0092 ~ lindakushner@inlandkoisociety.org

Vice President: **Ed Kushner** ~ *Meeting Sites & Speakers*,

Web Liaison ~ Koi Re-Homing

951.520.0092 ~ edkushner@inlandkoisociety.org

Secretary: **Monica Dirac**

<u>Treasurer</u>: **Nick Milfeld** ~ *Membership, Auction* 951.780.7395 ~ nickmilfeld@inlandkoisociety.org

<u>Newsletter Editor</u>: **Peggy Milfeld** ~ *Directory, Printing* 951.780.7395 ~ peggymilfeld@inlandkoisociety.org

<u>Director</u>: **Brenda Aker** ~ *Liaison with Tom's Farms* c 951.316.0263 ~ BrendaAker@inlandkoisociety.org

<u>Director</u>: **Ed Broomfield** ~ Certified Koi Keeper, Koi Health Advisor

c 909.519.7026 ~ EdBroomfield@inlandkoisociety.org

<u>Director</u>: **Deanna Fales** ~ Raffles

951.279.0181 ~ DeannaFales@inlandkoisociety.org

<u>Director</u>: **Rob Fales** ~ *Pond Tour Co-Chair* 951.279.0181 ~ robfales@inlandkoisociety.org

<u>Director</u>: **Larry Leverett** ~ *Properties Manager, Auction* 951.781-3887 ~ larryleverett@inlandkoisociety.org

<u>Director</u>: **Theo Zoetemelk** ~ Buffet & Banquet Supplies, Liaison with Norco High School 951.735.9896 ~ theozoetemelk@inlandkoisociety.org

Director: **Position Open**

IKS HELP LINE

Koi Health \sim K.O.I. Rep.: **Spike** Cover \sim 949.855.2371

AKCA Representative ~ Mac McClain 951.398.7048

Librarians: Books & Videos listed on IKS website

Database: **Orville Hanson** ~ 951.682.3107

Photographer: **Donise Lei** ~ doniselorene@icloud.com

Web Master: Alecia Everett ~ ikswebmaster@yahoo.com

<u>Badges</u>: **Jack Marrin** ~ 909.792.3603 ~ jackmarrin@inlandkoisociety.org

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 for treatment remains with you.
- You can call our Librarians to request information on a particular topic and they will bring it for you to the next meeting, or make other arrangements to get it.

JULY 28 MEETING PICURES

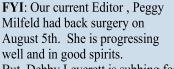


Speaker Jerry Meyers, KCSD, on koi handling

I apologize for not taking notes on this glorious, but hot meeting at the Mouw's. But it was a well organized, informative, well fed, and welcoming day! This was their first meeting since joining IKS and it was just perfect! djl



SPIKE COVER ARMAND BLAIS MARY LEEVER CYNTHIA FOWLER **PEGGY MILFELD NISHA WATSON** PHYLLIS ZEHM And forgive me if I've left off or not heard about any other club members! Be Well!



But, Debby Leverett is subbing for her until she can resume her

valuable volunteer work with the Inland Koi Connection. Think Good Vibes.













Cynthia Fowler asked members who would pray wellness for her, that she would appreciate the extra hope! Her heart is not doing well and her cancer has spread dangerously. She has moved into: Brookdale Magnolia **Cynthia Flower** 737 Magnolia Ave Apt. 211A Corona, California 92879-7003



Jim & Tess Poyle recently had some of their koi die. They had a few fish acting up and not doing good. Several fish died. A local expert told Jim he had a bacterial infection and another expert told him his fish had KHV. But, it turned out to be a bacterial infection so they treated the pond with Potassium Permanganate. They have not lost any more of their precious Jewels! So-o-o glad!

FOR SALE \$800. or best offer! Comes with UV Light, Filter, and pump. Not needed. Fish can be included. Armand Blais: (714) 717-2470 Call & Lets Talk!





KUJAKU

Kujaku are koi with a solid white body and black pine cone netting (similar to *Matsuba), with the addition of a secondary color overlaying the white of the body. The secondary color of Kujaku can range from yellow, to orange, to deep red.

WHAT TO LOOK FOR

The balance of the three colors of Kujaku (white base, secondary color, and black pine cone pattern) is very important. Ideally, the black pine cone pattern should be uniform, and symmetrical on both sides of the dorsal line. Try to avoid Kujaku where the black net pattern is too dominant, or fades from view in some areas. The edges between the white base color and the yellow, orange or red secondary color should be clean and crisp, with no blurry edges. At one point, the highest quality Kujaku were only those that displayed a clean platinum-white head, with no secondary color intruding into the head area. Now, however, high quality Kujaku can have the secondary color on a portion of the head, provided there is no black present, and the color forms an interesting pattern.

https://nextdaykoi.com/koi-fish/kujaku/

*Matsuba are solid, metallic-colored koi with a black netting or "pine cone" pattern on the body. Matsuba can display many different body colors, but the black pinecone pattern remains consistent among all Matsuba.



https://nextdaykoi.com/koi-



8"IMPORTED KUJAKU BUTTERFLY KOI SKU: H0725D111103 Exact Fish Pictured \$135.00 \$94.50

10"IMPORTED MALE KUJAKU SKU: H0723D180812 Exact Fish Pictured \$215.00 \$150.00







The **Kujaku** High Quality Koi, Japan Strain has attractive markings said to represent peacock (kujaku) feathers. This bright, metallic koi has red/orange markings on a field of brilliant white, accentuated by a reticulated net-like pattern. This distinct set of traits differentiates the Kujaku Koi from other Japanese Koi with reticulated markings.

The Kujaku Koi we offer are rated by breeders as AAA Grade Select - the highest rating these fish can receive. They are produced by some of the best brood stock in Asia. While Japanese koi can live longer than 200 years, their typical life span is 25 to 35 years. These high-quality Japanese strain koi are a product of years of professional breeding, and will turn your pond into a showcase of champions.

The ideal setup for Kujaku Koi is a 1000+ gallon pond with a fine gravel substrate, rocks, and hardy plants. Because these koi savor plant roots and will dig to get

to them, be sure to place large rocks around the base of plants to protect them. You will also need to provide adequate filtration to maintain proper water conditions. Males are easily recognized by their concave anal sec-

tion and occasionally by breeding spots on the head. Spawning may result in as many as 1,000 eggs, with fry emerging in approximately 4 to 7 days, depending on the water temperature. Feed fry small live foods or frozen daphnia for the first 3 to 4 weeks. At that time, gradually



change their diet to crushed flake and pellet foods. Their color will emerge in about 3 to 12 weeks. Feed Kujaku Koi a quality pellet or flake food.

Approximate Purchase Size: Small: 2" to 4"; Medium: 4" to 6"; Large: 7" to 10"

www.liveaquaria.com

10 CURIOUOS BEHAVIORS

few years ago, Spike Cover arranged for one of the K.O.I. speakers, Ken Austin from El Paso, Texas, to give us a Power-Point discussion on "Koi Behaviors" as a way of diagnosing problems in the pond. Of course, to make this work, you ought to be familiar with your koi, making it a habit to watch them regularly so that you know what an unusual behavior is. When you do see your koi acting out of character, start by noting if it's one fish or several. Is it a momentary, one-time behavior, or has it been a repetitive thing?

Ranking behaviors from *Least* to *Most Devastating*, Ken led us through ten curious behaviors that can be symptomatic of minor to severe problems, pausing after each for us to comment or ask questions. The ten behaviors discussed were:

- 1. Flashing
- 2. Sitting with clamped fins
- 3. Rapid breathing
- 4. Color or pattern changes
- 5. Changes in shape
- 6. Erratic swimming
- 7. Fin erosion
- 8. Sores and or ulcers
- 9. Pop-eye (protruding eyes)
- 10. Sudden death

Lach behavior may have several causes, so appropriate treatment depends on the cause. For instance, flashing may be a sign of parasites, evidence of toxins, or changes in the water (pH, alkalinity). The first rain of this season would have brought down the most pollutants, but also could mess up the natural alkalinity in our water; have you checked yours? Adding one cup baking soda per 1000 gallons of water will boost the alkalinity; a couple of cinderblocks in a liner pond (or cracked oyster shells or chicken scratch) will help. For clamped fins, do water quality tests; an affected koi can be put in QT at 75°F, with salt at 0.3, and watch him for a month, looking for sore or ulcers. Rapid breathing can mean low O₂ levels, high water temps, toxins, disease....

You must *Know <u>Normal</u>* before you can *Critique Curious*

Treatments for color changes start with water quality again, and checking other stress factors. Changes in shape may include the swollen belly of a female full of eggs, or a fish bloated with dropsy, to the extreme weight loss of organ failure. As the behaviors get worse, so do the causes. Internal parasites or bacterial diseases, neurologic dysfunctions, inner ear or lateral line damage; bacteria can cause fin erosion, sores and ulcers, as well al pop-eye and accompanying dropsy, where a koi swells up so its scales stand out like a pinecone. The scariest game changer is sudden death: when it's a multiple die-off the first thought is a pH crash, poisoning, or dreaded viral attack like KHV. The only thing you can do for viruses is prevent them!

he take away from all of this is the key to it all: you must *Know Normal* before you can *Critique Curious*. Don't be in too great a rush to 'do something' without giving it more than a casual observation; think through the possibilities, and then be

prepared to *Treat the Problem Sources rather than the Symptoms*. Make a practice of doing water quality tests regularly (that's part of *knowing normal*).

Owning a microscope — or having access to one — is helpful. Once you believe you have a valid diagnosis, make a plan and do the *Least Invasive Treatment First*. Bottom line, *Preventing is better than Fixing a problem*.

Solid information, greatly appreciated! Thanks, Ken.

10 Curious Behaviors

Descriptions of Unusual Behaviors:



- 1. Flashing \sim Koi swim rapidly, twisting to rub against the bottom or side of the pond. Is one or are all your fish flashing?
- 2. Sitting with clamped fins ~ Pectoral fins are normally extended for balance, but after stress, often after dark, or in fear of predators they may

clamp their fins to the sides of their bodies (like wrapping arms around yourself) and settle on the pond bottom.

- 3. Rapid breathing ~ Normal breathing increases when eating, exercising or when excited; rapid breathing is like *gulping* air near the surface as if lacking oxygen or suffocating.
- 4. Color or pattern changes ~ Color is genetically controlled and some changes occur with age; other changes are indicative of problems, whether environmental, hormonal, or pathological.
- 5. Changes in shape ~ Conformation is usually symmetrical; 'C' or 'S' curvatures, bloating, extreme weight loss are abnormal.
- 6. Erratic swimming ~ Jerky movements, spiraling, corkscrewing, tail-chasing, inability to remain upright....
- 7. Fin erosion ~ Fins seem to be melting away or are ragged on outer edges, although you must expect some tearing of long-fins.
- 8. Sores and or ulcers \sim Red spots to deep holes, raised scales.... Note that hi, red coloration, rarely 'appears'; increases should be closely watched.



- 9. Pop-eye ~ Protruding, bulging eyes, often associated with a bloated body or dropsy; scales may look like a pinecone.
- 10. Sudden death \sim Single deaths may remain mysteries, but multiple deaths indicate a serious problem with water quality, poisoning, bugs, bacterial or viral issues.



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A U G	thru 8/11	Orange County Fair ~ July 12 thru August 11 ~ OC Fair & Event Center, 88 Fair Dr. Costa Mesa / W-F, Noon-Midnight; Sat-Sun, 11am-Midnight; M-T, closed / buy tickets thru Ticketmaster.com / children 5 and under, free; parking \$10.
	11	IKS BOARD MEETING ~5pm / Host: Brenda Aker, 2375 Chateaux Way, Corona 92882 / 951.316.0263 / Interested Members are welcome to attend, but please call to let the host know.
	<u>25</u>	IKS POTLUCK MEETING ~ CANCELLED July meeting was so hot, and August is traditionally worse; no one even wanted to host!
S E D	8/30 - 9/22	LA County Fair ~ Labor Day weekend thru 9/22 ~ Fairplex, 1101 W McKinley Ave., Pomona CA 91768 / Info: www.lacountyfair.com/visit
	08	IKS BOARD MEETING ~5pm / Rodrigo's Mexican Grill, 150 W Parkridge, Corona, CA 92880/ Interested Members are welcome to attend.
	29	IKS POTLUCK MEETING ~ 2-5pm / Hosts Steve & Kelly McHan , 11525 Richardson Street, Loma Linda 92354 / 916.662.1367 / Speaker: Panel of Experts, answering your submitted questions.
O C T	5-13	Albuquerque International Balloon Fiesta ~ daily events / 5000 Balloon Fiesta Pkwy., Albuquerque NM 87113 / Info: 505.821.1000; website: www.balloonfiesta.com
	13	IKS BOARD MEETING ~5pm / Host Larry Leverett / Interested Members are welcome to attend, but please call to let the host know.
	18- 20	Bakersfield 20 th Annual Koi Show ~ Watch for more info,
	27	KCSD Koi Auction ~ Time TBA Watch for more info, or contact Tom Wright
	27	IKS Potluck Meeting \sim 2-5pm / Hosts & Speaker TBA \sim volunteers needed!
Z • >	10	IKS BOARD MEETING ~5pm / Location to be determined / Interested Members are welcome to attend, but please call to let the host know.
	24	Note: this is the 3rd Sunday, one week earlier IKS POTLUCK MEETING & KOI RACES — 2-5pm / Hosted by Jerry & Pat Mall ~ 43024 Via Las Rocas, Temecula 92590 ~ 951.506.4814 ~ Annual Feast, Elections, 2019 Dues are due, Koi Races! ~ IKS will provide the turkey, members sign up to bring all the traditional sides!

Reminder!

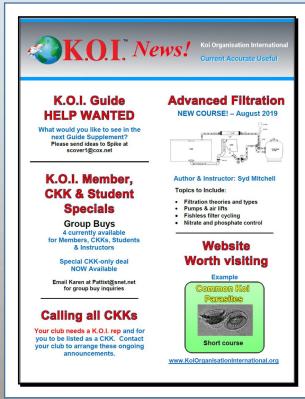
It's time to start thinking about election of officers and directors again. In one sense, EVERY position is OPEN! We need more members to participate in the month-to-month running of IKS.

Who will come on board for next year?



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

Return Service Requested





KCSD
Koi Club of San Diego
2019 Friends of Koi Auction
Sunday, October 27, 2019
Matrix Enterprises
12310 Stowe Drive ~ Poway CA
The business is
owned by Kathy and
Ernie Stewart,
members of KCSD

