



# Jim and Jan Daunheimer

1804 S Oak Park Dr

*Meeting begins at 3:00, April 28, 2013*

From 22<sup>nd</sup>, South on Harrison, West on 29<sup>th</sup> St, North on Oak Park Dr to address.

*Starts at 3:00*

*Please let Brent know if you are interested in hosting a meeting.  
There are plenty of openings for 2013.*

## SAKA, Inc Club Officers

<b>President</b>	Bob Panter <a href="mailto:sakabob@cox.net">sakabob@cox.net</a> (520) 747-7278
<b>Vice President</b>	David Young <a href="mailto:koiman@mindspring.com">koiman@mindspring.com</a> (520) 403-2949
<b>Secretary</b>	Karen Johnson (520) 400-2073
<b>Treasurer</b>	Dan and Martha Cover <a href="mailto:mardan79@msn.com">mardan79@msn.com</a> (520) 297-4071

## Committees/Points of Contact

<b>2013 Pond Tour</b>	
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<b>33rd Koi Show Co-Chairperson(s)</b>	Brent VanKoevering <a href="mailto:bvankoevering@longrealty.com">bvankoevering@longrealty.com</a> (520) 780-3980
<b>AKCA Representative</b>	Debby Young <a href="mailto:debbyt@akca.org">debbyt@akca.org</a> (520) 682-7697
<b>Newsletter Editor</b>	Brent VanKoevering <a href="mailto:bvankoevering@longrealty.com">bvankoevering@longrealty.com</a> (520) 780-3980
<b>Koi Health Advisor</b>	Noel Shaw <a href="mailto:koidoc@noelshawdc.com">koidoc@noelshawdc.com</a> (520) 400-0335
<b>Membership Chairperson</b>	Faye Hall (520) 297-1253
<b>Education Committee</b>	TBD

Editor's Note: Articles published herein are intended for the enjoyment of all and come from a variety of sources. The articles are not intended to replace veterinary advice. Pond owners, and not the club, are responsible for the health of their koi, water changes, what to do, and how to treat their pond. Reasonable effort is made to review these articles for accuracy before including them in the newsletter.

### SAKA, Inc 10% Discount

With your SAKA, Inc Membership Card at:

**Boyd Equipment Center**  
3625 S Country Club Road  
Tucson, AZ  
(520) 792-2244 or  
1 (800) 844-2244

**Mountain View Koi Fish & Aquatic Plants**  
3828 E. Keeling Road  
Hereford, AZ 85615  
(520) 378-3710

**Oasis Tropical Fish**  
3865 N. Oracle  
Tucson, AZ  
(520) 408-9700

**Patty's Water Plants**  
By Appt Only  
E. Benson Highway, Tucson AZ  
(520) 294-0748

### Club Meetings

**Hosting Meetings:** For those wishing to host an upcoming business/education meeting, the club will reimburse the host up to \$50 (with receipts) toward food/beverage for the meeting. **We would like to see your pond!** Please contact Bob Panter or Brent VanKoevering if you are interested in hosting a meeting.

### Club Announcements

#### Business Meeting Minutes

Koi Meeting Minutes

March 24, 2013

Call to order by Bob Panter  
Correspondence: None  
Treasurer's Report:   Checking Bal. \$13,303.10  
                                  Savings         \$5,202.92

Question about status of taxes... Not due yet.  
AKCA Report: Deb Young... We need to vote on new officers.  
Candidates are Bob Finnigan, Don Chandler, Carol Ellis (Sp>?), Brandon Chandler....  
Motion for vote for the slate of AKCA officers. Seconded ayes, so moved.

Membership committee: 16  
 Suggested that Brent send out separate membership dues notices.  
 Membership cards available at next meeting.  
 Calander of meetings:  
 Next meeting April 28th at Jim Daunheimer's  
 May 26th at Dan Cover's  
 June 23rd is still open.  
 July 28th is at Mountain View Koi in Sierra Vista  
 Aug 25th is at Mike Herndon's  
 September 22nd is still open.  
 October 27th is sill open.  
 November is the Koi Show.  
 December is still open.  
 Budget committee: Motion to keep budget as last one. Motion seconded and moved.  
 Dan suggested the show budget be separate from all budget.  
 Deb Young is the back up for audits.  
 Old Budiness: Membership ends each February. We need suggestions on how to keep track of memberships.  
 Koi Person of the Year needs to be submitted to the AKCA by May 1.  
 Nominations:? Next meeting.  
 Brent: please put requests for Koi Person of the Year nominations in the next newsletter.  
 Pamphlet Report: Jim suggests an invitation to attend a koi meeting in the pamphlet. A "Come visit" friendly invitation.  
 The cover photo: A contest for the photo with 20lbs food as the reward for best pic emailed by April 10th.  
 Address for the email for the photo contest: koicountess@mindspring.com  
 Putting pamphlets in Nurseries, Stores, etc.:  
 Deb Young -Reillito Nursery.  
 Bob Panter -PetsMart and Home Depot  
 Jim -Mesquite Valley, Magic Garden, Savano  
 Alan -Lowes, Home Depot  
 Duane -Bock's Nursery  
 Dan -Koi Store on Dodge  
 Volunteers are to keep the pamphlets in stock.  
 Pond Tour: None planned, no volunteers  
 New Business: Dan needs help with trailer pick up from Toltec. Alan offers to see if he can coordinate times.  
 New Business Continued: Duane needs a tank. ... 100 Gal, or more to buy or?  
 Motion to Adjourn: Seconded, so moved.

## Featured Articles

### **SALT TEST ON PLANTS - adapted from Bonnie Hale @ koivet.com**

[http://www.koivet.com/html/articles/articles\\_details.php?article\\_id=131&category=1&name=Plant%20Information](http://www.koivet.com/html/articles/articles_details.php?article_id=131&category=1&name=Plant%20Information).

Many ponders run 0.1% salt in their ponds routinely for general fish health. In the case of parasites, it is generally recommended that ponds be salted at .3% for a minimum of 2 weeks. The plant versus salt test was run for 2-week periods at each salt level to see which plants would survive a .3% salting, and which would need to be removed from the pond. The test was run two separate times to ensure validity. Healthy, actively growing plants were set in a 600-gallon stock tank, with full aeration for circulation of salt. Salt was measured weekly using a refractometer and LaMotts salinity test kit. Each plant was physically removed and inspected before the next level of salt was added. Water lost to evaporation was replaced as needed. The letter "D" represents the level of salt at which the plant died.

### **PLANTS HIGHLIGHTED IN BOLD (IN THE .4% AND HIGHER COLUMNS) ARE SAFE AT .3% SALINITY**

PLANT	0.1%	0.2%	0.3%	0.4%	0.5%	0.6%	NOTES
Arum - Calla			D				
Bacopa			D				
Blue Bells Chic-Chi			D				
Bog Bean			D				
<b>Bog Lily</b>				<b>D</b>			
<b>Button Bush</b>				<b>D</b>			

<b>Canna</b>						<b>D</b>	<b>Top die back @ 0.5%</b>
<b>Cat Tail - Graceful</b>				<b>D</b>			
Cat Tail - Mini			D				
Cardinal Flower			D				
Cotton Grass			D				
Duckweed			D				
<b>Fairy Moss</b>						<b>D</b>	<b>Brown@ 0.5%, lived</b>
Floating Heart			D				
Forget-Me-Not			D				
Frog Bit			D				
<b>Hibiscus</b>						<b>D</b>	<b>Top die back @ 0.5%</b>
Houttuynia			D				
<b>Iris</b>				<b>D</b>			
Lavendar Musk		D					
<b>Lizards Tail</b>				<b>D</b>			<b>Top die back @ 0.4%</b>
Manna Grass			D				
<b>Papyrus, Dwarf</b>				<b>D</b>			
<b>Papyrus, Egyptian</b>				<b>D</b>			
<b>Parrots Feather</b>				<b>D</b>			
Pickerel Rush			D				
<b>Perennial Rice</b>					<b>D</b>		
Primrose Creeper			D				
<b>Rush, Blue</b>					<b>D</b>		
<b>Rush, Striped</b>					<b>D</b>		
Rush, Zebra			D				
Sensitive Plant			D				
Star Grass		D					
<b>Sweet Flag</b>				<b>D</b>			
Taro - Black Magic			D				
<b>Taro - Green</b>				<b>D</b>			<b>Top die back at 0.3%</b>
<b>Thalia delbata</b>						<b>D</b>	<b>Top die back at 0.5%</b>
<b>Umbrella Palm</b>						<b>D</b>	
Water Baby's Breath			D				
<b>Water Celery</b>						<b>D</b>	<b>Top die back at 0.5%</b>
<b>Water Chestnut</b>						<b>D</b>	<b>Top die back at 0.5%</b>
<b>Water Clover</b>				<b>D</b>			
<b>Water Clover, Variegated</b>				<b>D</b>			
Water Fringe		D					
Water Hyacinth	D						
Water Lettuce	D						
<b>Water Lily</b>					<b>D</b>		<b>Top die back at</b>

							<b>0.4%</b>
Water Mint		D					
Water Snowflake		D					

## Koi Surgery

*By Kathy Ferriss*

If you can anesthetize your koi then you can do simple koi surgery. Simple koi surgery can include using a sharp knife or scissors to trim off an infected or tumor riddled tail or fin. Once trimmed, the cut section can be painted with 7% mercurochrome or malachite green. But this article will focus on repairing a badly split fin! This was the fate of a beautiful Tancho Sanke named 'Buddy'. Buddy unfortunately incurred a split in one of his pectoral fins that separated the soft tissue between the rays clear down to the fin joint or knuckle as it is sometimes called. This is the point closest to the body of the koi where the fin is attached. When this happens to a pectoral fin (especially on a fish 14" or larger like Buddy) it takes a very very long time for the fin rays to reattach back together again, because the koi are constantly using their pectoral fins to swim. Also the fin is continually pushing water between the open rays and the split can get caught on other fish and plants in the pond. This really is a simple fix if you have a few of the right tools and the belief that "I can do this"

### Have ready:

- Eugenol (oil of clove)
- Suture (4-0 nonabsorbable) Available from Vets.
- (3) Old Towels (Roll up and soak with pond water)
- (2) Old Hand Towels (Soak with pond water)
- Injectable Antibiotic (optional)
- Topical Antibiotic Cream or Hydrogen Per
- Scissors
- Forceps or clamp (Available at surplus stores) Used to hold needle while sewing!
- 2 Tubs of pond water

Set out your supplies on a table high enough to work comfortably. Place the two wet towels side by side, then place the third towel flat on top of the first two rolled towels. What you are making is a V-shape to hold the fish stable while you work on it. Place the Eugenol drops (6 drops per gallon) into one of the tubs with the intended victim, I mean patient!

When you are sure the fish is out cold! You will know this, when the fish stops yelling or doesn't move when you pick it up. Putting a fish out with Eugenol shouldn't take more than 10 min. give or take!

Place it on the wet towels so that the fin to be sewn is easy to work on and place the two remaining wet hand towels on either side of the body of the koi leaving the fin exposed. This will help keep the body of the koi from drying out. NOTE: If the fin has been split for several weeks, you will need to rough up the soft tissue on either side of the split edge because the tissue will have started to callus over and won't connect back together as quickly. It's the same as if you tried to get two sections of scar tissue to reattach, it doesn't! Take your first stitch about a 1/4" away from the joint (see drawing) being sure your needle loops around a fin ray (gristle) on both sides of the split in the fin. I prefer 4 or 5 separate knots instead of a running stitch (see drawing). Use a square knot and trim extra suture off with a scissors. Optional antibiotic injection can be administered now. Azactam, Baytril, Amikin, Gentamycin any of these would be fine.



Administer topicals to both sides of the fin now.

Hopefully, this whole procedure took less than 45 min. and your ready to resuscitate your fish in the 2nd tub full of fresh pond water. An airstone in the tub would be helpful. Move the fish back and forth allowing the oxygenated water to pass through the gills! Some fish come out of this very quickly (within 10 min.) while others have been known to go an hour, so don't panic if your fish is still snoozing after 5 to 10 minutes. You will usually notice some twitching or gill movement within a few minutes. When you are confident that your koi is fully awake, go ahead and return it back to the pond it came from. Observe for a few minutes to be sure it is swimming OK and didn't make a torpedo dive to the bottom, knocking itself silly!

Depending on the fish (each is a little different) and the severity of the split, the sutures will have to remain in for several months. But this also depends on the size of the fish. It seems the larger the fish, the longer it takes to heal!

## 2012 SAKA Koi Show Vendors



Mountain View Koi Fish  
3828 Keeling Rd  
Hereford, AZ 85615  
520-3678-1271

GoldFishNet.com

水晶宮

Tommy Hui  
A's Aquarium



## Desert Rainbow Koi Farm

**Laurel Nason**

### Kawarigoi Korner



SAKA has the Emergency Supply Stations - Praziquantel, Dimilin, Potassium Permanganate, Sodium Thiosulfate, ProForm C. Parasites begin to revive from the cold much sooner than the Koi. The Koi's immune system is at its weakest right now and until the water temperatures hit 60F. Watch your fish for signs of distress. Do not start feeding until the water is above 55F and will continue to increase in temperature, at this point feed a wheat germ feed or Cheerios.

The new Tucson Japanese Garden opens January 19. Here is a link to their website.

<http://www.tucsonjapanesegardens.com/about-yume>

[Click Here](#) to see new items for sale on the SAKA Website.

If you have suggestions for the newsletter or items to be included in Karawagoi Corner or the Calendar, Please contact Brent VanKoeving at 520.780.3980 or [bvankoeving@longrealty.com](mailto:bvankoeving@longrealty.com).

### Upcoming SAKA Education and Business Meetings

Date	Location
April 28	Jim and Jan Daunheimer
May 26	Dan and Martha Cover
June 23	
July 28	Curt and Lisa Ogren. Mountain View Koi
August 25	Michael and Carol Herndon
September 22	
October 27	
November	No Meeting. See you at the show

<b>December</b>	

Shows, Pond Tours and Seminars

<b>Event</b>	<b>Dates/Location/Links</b>
Tucson Japanese Garden Opens	<a href="http://tucsoncitizen.com/community/2013/01/14/lovely-new-japanese-garden-to-open-in-tucson-on-january-19/">http://tucsoncitizen.com/community/2013/01/14/lovely-new-japanese-garden-to-open-in-tucson-on-january-19/</a>



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 1-888-660-2073

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 Month year



<http://www.sakoia.org>  
 Annual Membership

Dues are \$30.00 per family from March 1 to February 28 or 29 of the next year.

***Membership Type***

\_\_\_\_\_ Renewal  
 \_\_\_\_\_ New Member

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

Phone #: \_\_\_\_\_

E-mail \_\_\_\_\_

Today's Date: \_\_\_\_\_

# of Koi \_\_\_\_\_

Years Keeping Koi: \_\_\_\_\_

Pond size: \_\_\_\_\_

Would you like to host a meeting?  
 \_\_\_\_\_

Would you like to serve on a committee?

\_\_\_\_\_ If yes which one?  
 \_\_\_\_\_

**Make Checks payable to: SAKA, Inc.**

Mail to: Martha and Dan Cover  
 2841 W. Puccini Place  
 Tucson, AZ 85741