



|                       |                              |
|-----------------------|------------------------------|
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| Volunteer Coordinator |                              |
| Editor                | Bob Chaffer                  |
| Webmaster             | Diane Giangrande             |

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## August, 2019

### By the Pond

Hello Everyone,

It was great to see everyone at the Summer Social! To recap for those who could not attend we had a great time visiting and talking with new and old friends, plenty of delicious dishes and shared laughter. A special thanks to our hosts Angie and Craig for having us all to their beautiful home. We also held the vote about the Club Logo and the original design will remain our logo. I would also like to thank the club members who submitted new logo options for consideration. Each were beautifully created but the club has determined our original logo still represents us best!

This month's meeting will be held on August the 10th at Diane Giangrande's house in Roswell. Her new pond has just been completed and we are all very excited to see the finished work in person. If you are thinking of building or renovating an existing pond Diane will have a good idea of costs involved as I'm sure it is still fresh on her mind.

We will be talking about our upcoming Annual Koi Show and encouraging everyone to get involved. This is a major undertaking for us each year and relies heavily on the support from each member. If you have a particular interest in a certain area or part of the show let us know. We will also be happy to go over any questions as well. Hope to see everyone on August 10th!

Best Regards,  
Chad C. Bishop, DVM

## Vice President

It sounds like you all had a wonderful time at Craig and Angie Jones house for the summer social. Thank you to Brad Mohs for teaching about fry care and what it takes to raise koi. Thank you to Craig and Angie for opening up their beautiful house to the club and providing such delicious food. A big thank you to all who put in the effort to make delicious dishes to share also!

We currently have 139 members and I understand we had 42 at the meeting plus several guests.

This month's meeting, **August 10th at 6pm** will be at Diane Giangrande's. This will be our last evening meeting. We're counting on cooler weather after that! Rich Carter of Kol Koi Pondscapes will be talking about the new pond build. Have your questions ready.

The following month's meeting will be on September 8th. This will be the last meeting before the show and it will be on Sunday at 2pm. Please mark it on your calendar. The location will be disclosed later. If you'd like it to be at your home, please let me know. If you've offered before, please offer again. If I didn't write it down, I've forgotten!

We will be having nominations soon for the positions of Vice President and Treasurer. If you are asked to be on the nominating committee, please know that it is quick and painless. It involves only a couple of responses to emails, no meetings or group discussions.

That's all I have! See you August 10th! I have your name badges!  
Melanie Onushko, VP

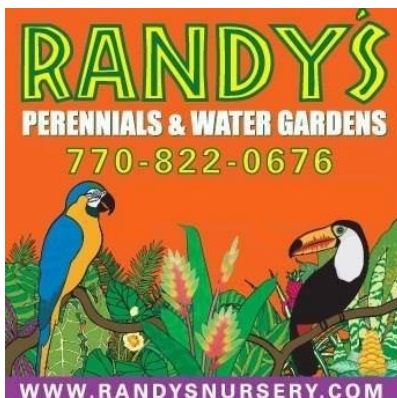
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## July's Social Blast at the Jones' home

In spite of very threatening weather, Nature looked kindly upon the Koi club's Summer social at Angie and Craig's home.. Craig ran the barbie, and cooked some awesome kabobs and stuff.... A brief social business meeting opened with a vote on a new logo. The vote resulted in an interest in keeping our existing logo, but to research concerning copywriting it. Angie and Craig had some very interesting filters, which were in process.





## Comets

### Koi and ~~Cornets~~: A Risky Mix

Koi and Goldfish are pretty together. As the Koi become large and lumbering, the Goldfish remain smaller, like little attendants. But the problems come up in the springtime. When the Koi go to spawn, the Goldfish zealously consume the eggs and fry. When the opposite happens, (Goldfish spawn) the Koi almost ignore their eggs. The point is, you keep having all these fish fry around, but they ALL grow up to be goldfish, and you wonder why you never get any nice Koi, despite all their efforts. Well, the Goldfish and Shubunkins are the culprit. You may not feel this way now, but you will evolve to prefer the Koi anyway, for their size, color and intelligence. Then, after a season or two of reproduction, the Goldfish will be too numerous to ever fully eradicate.

Just a thought.

### Plants in the Koi Pond

by Betty Tucker from May, 1994 Atlanta Koi Newsletter

**Water Lilies and Koi:** Plant lilies in pots without holes. Do not use peat moss. Use garden soil or red clay soil, leave a couple of inches in the top of the pot and spread a little sand over the dirt to hold the mud down, and add some pea gravel and egg size gravel.

You want gravel large enough so the largest Koi can't lift out the gravel. I have a liner pond so I don't use gravel with sharp edges. Koi like to nibble at the roots and look for worms, and sometimes they will bite a leaf or two, but they prefer spinach, worms and koi pellets.

**Water lilies** need at least 4 to 6 hours sun to bloom. I feed my lilies once a month for better bloom, and use 3 tabs in small pots, or 4 to 5 tabs in the 12-quart pots. The blooms will open each day for three to five days, then sink below the surface. I cut the stem removing the old flower head, also any leaves that are turning yellow. It just keeps them looking neater. Divide water lilies in early spring while they are still dormant and the water is cold! Just clean off the mud and cut the roots with a sharp knife. Make sure you have at least one bud (where new growth starts) on the root you are planting.

By the way, Koi are harder to catch when you have plants in the pond.

**Parrot's Feather:** I don't think the koi will eat this plant, but my koi will spawn on it. That's the only time I have had any damage to this plant. I find that this plant works better if it is potted and doesn't have too much water turbulence. Its roots need to be below the ice in winter. It likes shallow water.

**Umbrella plant:** koi don't bother this plant.

**Iris:** have worked well for me with koi.

Unfortunately many of the oxygenation plants are considered salad for koi.

**Hornwort:** An excellent underwater oxygenation plant. Use it in a shallow area, and it's great for koi to spawn on. You can anchor it down with a rock, or float it, no potting necessary.

**Anachris, Azolla, Water Hyacinths, Water lettuce, and Water clover** are some of the plants that koi will eat. If you have these plants you need to separate them from the koi.

When acquiring new plants, it's a good idea to treat them before adding them to your pond. I treat new plants with 37% Formalin. You can use a plastic tub: apply 1cc per 10 gallons of water, and aerate to mix. Leave plants in for 4 hours, and then move to fresh water.

Water lilies give the koi places to hide, and shade the water in the hot summer to help keep the temperatures down. High temperatures can stress fish

## How can I tell if I have male or female koi?

**A:** If only koi were as easy to sex as a pair of peacocks! Like those fanciful birds, koi are sexually dimorphic – meaning the males and females look and behave differently – but it's not an easy distinction to discern. They grow to roughly the same size and they both have colorful scales, yet there are subtle differences if you know where to look. With these clues, you'll know whether to name your finned friends Fred or Frieda.

### Clue #1: Age

Koi are easier to tell apart when they're mature, and so your first clue will be age – which is related to their length. They're considered mature (3 years old) when they're about 10 inches long. If they're between 3 and 10 inches, they're still juveniles and may be difficult to sex.

### Clue #2: Body Shape

Immobilize your koi by capturing it in your **pond net** and take a look at it from above. A mature male koi will have a slender looking body, while a female koi will have a rounded body, particularly when it's spawning season and she's carrying a nest full of eggs!

### Clue #3: Fin Shape

Next, examine your koi's fins. A male koi's pectoral fins, the ones near his head, will appear pointed and solid in color. In addition, the first ray of his pectoral fin may be more substantial when compared to his female counterpart, which will display rounder fins.

### Clue #4: Tubercles

During breeding season, you may see little white growths, called tubercles, on male koi's heads and pectoral fins. They're perfectly natural and will disappear once the fish have finished getting frisky. Females don't develop these protrusions.

### Clue #5: Behavior

One final – and obvious! – clue: amorous behavior. When they're not mating, they behave very similarly, but during mating season, the male koi will chase the female, encouraging her (sometimes enthusiastically) to release her eggs

It's not easy to distinguish the male and female koi, but with these tips and clues, you'll know your Freds from your Friedas in no time!



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The Pond Guy store

**Atlanta Koi Club**  
**Financial Statement**  
**Year to Date**  
**As of May 31, 2019**

**BEGINNING CHECKING ACCOUNT BALANCE:** **\$13,119.55**

**INCOME STATEMENT**

**Income**

|                     |            |  |                          |
|---------------------|------------|--|--------------------------|
| 2600 Pond Tour      |            |  | \$1,800.00               |
| 2620 Ticket Sales   | \$1,800.00 |  |                          |
| 2700 Membership     |            |  | \$118.00                 |
| 2720 Name Badge     | \$32.00    |  |                          |
| Membership          |            |  |                          |
| 2730 Dues           | \$60.00    |  |                          |
| Koi USA Sub-        |            |  |                          |
| 2735 scriptions     | \$26.00    |  |                          |
| <b>Total Income</b> |            |  | <b><u>\$1,918.00</u></b> |

**Expenses**

|                                 |          |  |                        |
|---------------------------------|----------|--|------------------------|
| 200 Club Store                  |          |  | \$49.95                |
| Equipment - club owned (trailer |          |  |                        |
| 240 hitch)                      | \$49.95  |  |                        |
| 600 Koi Auction                 |          |  | \$137.50               |
| 620 Fish                        |          |  |                        |
| Water Cost for                  |          |  |                        |
| 670 Auction                     | \$137.50 |  |                        |
| 900 Pond Tour                   |          |  | \$333.84               |
| 930 Printing                    | \$333.84 |  |                        |
| 1100 Rent                       |          |  | \$185.00               |
| 1101 Rent                       | \$185.00 |  |                        |
| 1400 Bank                       |          |  | \$76.55                |
| Misc. Banking Costs - service   |          |  |                        |
| 1460 fee                        | \$0.13   |  |                        |
| 1466 PayPal Charges             | \$76.42  |  |                        |
| <b>Total Expenses</b>           |          |  | <b><u>\$782.84</u></b> |

**Month Net Income/(Loss)** **\$1,135.16**

**ENDING BALANCE:** **\$14,254.71**

**Outstanding Checks:**

|          |      |          |          |     |          |            |
|----------|------|----------|----------|-----|----------|------------|
|          |      |          |          |     |          | \$1,294.94 |
| 09/07/16 | EFT  | \$65.00  | 05/21/19 | EFT | \$333.84 |            |
| 10/08/16 | 1311 | \$16.85  | 05/24/19 | EFT | \$187.45 |            |
| 10/24/16 | EFT  | \$216.00 | 05/24/19 | EFT | \$185.00 |            |
| 10/03/17 | EFT  | \$107.17 |          |     |          |            |
| 06/15/18 | EFT  | \$150.00 |          |     |          |            |
| 10/03/18 | EFT  | \$33.63  |          |     |          |            |

**Amount**  
**Shown on**  
**Checking**  
**Account**  
**Bank State-** **\$15,702.00**

Year to Date  
As of June 30, 2019

**BEGINNING CHECKING ACCOUNT BALANCE:** **\$14,254.71**

**INCOME STATEMENT**

|               |                   |            |            |
|---------------|-------------------|------------|------------|
| <b>Income</b> | 100 Banking       |            | \$1,247.00 |
|               | Redemption of     |            |            |
|               | 103 CD            | \$1,247.00 |            |
|               | 2600 Pond Tour    |            | \$565.00   |
|               | 2620 Ticket Sales | \$565.00   |            |
|               | 2700 Membership   |            | \$142.00   |
|               | 2720 Name Badge   | \$16.00    |            |
|               | Membership        |            |            |
|               | 2730 Dues         | \$100.00   |            |
|               | Koi USA Sub-      |            |            |
|               | 2735 scriptions   | \$26.00    |            |

**Total Income** **\$1,954.00**

|                 |                             |                        |          |
|-----------------|-----------------------------|------------------------|----------|
| <b>Expenses</b> | 200 Club Store              |                        | \$51.71  |
|                 | Equipment - club owned (9 - |                        |          |
|                 | 240 storage totes)          | \$51.71                |          |
|                 | 500 Koi Show                |                        | \$206.70 |
|                 | 2019 Show                   |                        |          |
|                 | 510 Awards                  | \$206.70               |          |
|                 | 600 Koi Auction             |                        | \$517.50 |
|                 | 620 Fish                    | (replacement<br>check) | \$517.50 |
|                 | 700 Misc.                   |                        | \$150.00 |
|                 | Food for                    |                        |          |
|                 | Monthly Meet-               |                        |          |
|                 | 740 ing                     | \$150.00               |          |
|                 | 900 Pond Tour               |                        | \$294.33 |
|                 | 940 Supplies                | \$294.33               |          |
|                 | 1300 Membership             |                        | \$44.88  |
|                 | Koi USA Sub-                |                        |          |
|                 | 1325 scriptions             | \$25.00                |          |
|                 | Membership                  |                        |          |
|                 | 1380 Expenses               | \$19.88                |          |
|                 | 1400 Bank                   |                        | \$3.27   |
|                 | 1466 PayPal Charges         | \$3.27                 |          |

**Total Expenses** **\$1,268.39**

**Month Net Income/(Loss)** **\$685.61**

**ENDING BALANCE:** **\$14,940.32**

**Outstanding Checks:** \$997.06

|          |      |          |          |     |          |
|----------|------|----------|----------|-----|----------|
| 09/07/16 | EFT  | \$65.00  | 06/24/19 | EFT | \$150.00 |
| 10/08/16 | 1311 | \$16.85  | 06/25/19 | EFT | \$258.41 |
| 10/24/16 | EFT  | \$216.00 |          |     |          |
| 10/03/17 | EFT  | \$107.17 |          |     |          |
| 06/15/18 | EFT  | \$150.00 |          |     |          |
| 10/03/18 | EFT  | \$33.63  |          |     |          |

**Amount Shown on Checking Account Bank State-**  
**ment:** **\$15,590.98**