

The

Gravel Gossip

Volume 2024

Number 06



Next Meeting:

**Monday, June 10th, 7pm, at
Wilmington Manor Lions Club
New Castle, DE 19720**

**Speaker: Joel Antkowiak
“Rainbows”**

Meetings are normally held on the second Monday of every month, beginning 7:00PM at
William Penn High School - Main Cafeteria
713 E. Basin Road (Rt. 141 South)
New Castle, DE 19720

Please note: Alternate meeting area is 2nd cafeteria on left side of building by 2nd set of doors, or from the front entrance, turn left and go down the hall and follow around to an intersection of the halls. The 2nd cafeteria will be on the right corner.

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INDEX

General Information	2
Message	3
<i>Directions to Iron Hill Park</i>	<i>4</i>
Prizes	5
Other Clubs.....	6
Manufacturers.....	7
Trading Post.....	8
Advertising	9-10
ABC #24.....	11
<i>Monthly Board Meetings</i>	<i>12</i>



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Gravel Gossip is the official publication of the Diamond State Aquarium Society, of the state of Delaware. We are a non-profit organization dedicated to the education and advancement of the tropical, marine, and aquatic hobby. The information contained in the articles appearing in this publication should not be construed as 100% factual. It may, however, be accepted as information that has been proven successful for the authors.

Notice

Items to be published in the Gravel Gossip **MUST** be received by the editor two (2) weeks prior to the meeting date.

Membership Fees

Junior (under 18)—\$10/Year
Adult—\$15/ Year
Family—\$20/Year

PLEASE NOTE

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\$30/Year
\$4/Month

The Gravel Gossip

Newsletter of

The Diamond State Aquarium Society, Inc.

Hi Hobbyists!

Happy summer to all our members and fishy friends. Our guest speaker for June is Joel Antkowiak from our sister club in Lancaster. His program is on the beautiful family of rainbow fish, their care and breeding.

Our July picnic on Sunday, July 21st, at Iron Hill Park pavilion is set. The fun starts at 12 noon, rain or shine. We have the covered pavilion at the top of the parking lot. Please email Marty at reefzig@verizon.net if you are able to come so we know how much food we will need. The club will provide the hot dogs, hamburgers, fried chicken, rolls, condiments, beverages, snacks, utensils and paper goods. We ask each attendee to bring a side dish or dessert. If bringing a side dish, please email or call Dolly at dollyz51@verizon.net or 302-322-8187 to let her know and prevent duplication.

I have one sad note this month, a well known hobbyist to many of us has passed away in May. Clay Crawford was an icon of knowledge to clubs and conventions throughout the entire country. He will be missed and remembered by all who met him.

See you all at the June meeting.

Mike T.
DSAS President

Motto from your President: ***There is always room for one more aquarium !***

Be sure to visit us on Facebook and on our new website, <http://dsas.online> or <http://dsas.club>. The site is updated monthly with any presentations scheduled for future meetings. Please check our website for any updates.

Please to check our website for future updates and meetings.

DSAS Annual Picnic at Iron Hill Park Pavilion is scheduled for ***Sunday, July 21st, 2024.***

DSAS Annual Auction Event at Wilmington Manor Lions Club is scheduled for ***Saturday, September 28th, 2024.***

Memberships

Due

2024 memberships are due now!

We are now on a calendar year renewal

Welcome new Members!

Future Meeting Dates:

Jun 10th
Aug 12th
Sep 9th
Oct 14th
Nov 11th
Dec 9th

DSAS Annual BBQ
Jul 21st at Iron Hill Park
Pavilion

Note: All past articles are available from our archives. They are posted on our web site. If you want a copy please email the editor at: martyz50@verizon.net or write to DSAS at our address or see a Board member at a meeting.

Directions for Iron Hill Park Pavilion in Newark, DE

896

From I-95 at exit 1A, take ramp right for DE-896 "South" toward Middletown. (from I-95 north, you will go under the 896 bridge before looping around on the ramp.

From I-95 south, you will bear off to the right onto 896)

1.0 mi

Turn right onto Old Baltimore Pike

0.9 mi

Arrive at Old Baltimore Pike. Iron Hill Park will be on the right side of Old Baltimore Pike.

(The entrance is on Robert L Melson Ln, the 3rd right turn road)

(If you reach Whittaker Rd, you've gone too far)

Iron Hill Park

1355 Old Baltimore Pike,

Newark, DE 19702

Keep following the (long) park road until you come to a stop sign and tee in the road. You can only go "right" to continue. Follow road all the way to the end. You will see the pavilion on the hill to your right. If can't find us, call me on my cell at 302-363-6902. Please email if you plan on attending by contacting Marty at: reefzig@verizon.net

Door Prizes

Raffle Prizes

Marineland Prec Subm heater 100wt – Mike T
Digital pH tester – Khumar S
Ken's Ultra Prem Egg Yolk flk 1/4lb – Jim H
Ken's Ultra Spirulina Garlic flk 1/4lb – Charlie W
Marina 6" fish net – Jim H
Tube cleaning coiled brush 90cm – Jim H
Ken's Ultra Meat Wafers ¼ lb – Marty Z
Blue Ribbon Poly Filter Fiber 4oz bag – Jim H
Ken's Ultra Earthworm Mini Sticks 1/4lb – Tim Z
Ken's Ultra Color Max Mini Sticks 1/4lb – Marty Z
Aqueon 10-gal glass aquarium tank – Jim H
Marina Battery Air Pump – Rose B
Pneumatic Water Goblin sponge filter – Marty Ziegler
Airline Kit – Tim Z
Digital TDS & EC Gage – Tim Z
Cobalt Aquatics Guppy gran sink fd 1/4oz – Joe S

Members Only

Cobalt Aquarics Breeder Prem Flk 0.5 oz – Joe K
Cobalt Aquarics Breeder Prem Flk 0.5 oz – Julie M
Cobalt Aquarics Color Prem Flk 0.5 oz – Joe S
Cobalt Aquarics Color Prem Flk 0.5 oz – Khumar
Cobalt Aquatics Trop Goldfish Food – Charlie W
Digital temperature gage – Marilyn K
Marina aquarium thermometer – Dolly Z
Wizard Glass Algae Scrubber Pad – Amanda D
Digital TDS Meter – Donna G
Aquarium Décor Fish Cave – Jeff W
Deluxe airline tubing 10ft – Marty Z
Marina air stone sphere – Phil S
Aqua Ultraviolet Tote bag – Dave K
10pc cleaning brush set on ring – Mike T
Buoyancy feeding rectangular ring – Tim Z
Mini algae scraper tool – Jeff M

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Alternate Future Meeting Location (TBD)

**Peniel United Methodist Church
115 East Market Street
Newport, DE 19804**

**Just off the I-95 exit to Rt 141 Newport,
Stay to right, 1st exit on Rt141, at bottom of ramp at
traffic light, go straight, church is on right, turn right
into parking lot.**

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For many years now as most of you know, I have been making my own frozen fish food. It has changed over the years to the point that I am using mostly fresh and naturally found seafood - it contains NO fillers - absolutely NONE! Anyone who has been to my home and seen my fish can attest to the fact of how well this food has been for them. The tremendous size they put on at such a young age and the colors are both astounding, not to mention the overall health of the fish. I attribute it to my homemade "Almost Natural Frozen Tropical Fish Food". With basically all of the same ingredients, I am proud to offer "Almost Natural Tropical Fish Food" in flake and pellet form to other hobbyists.

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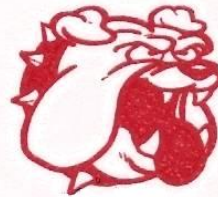
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Please remember to include DSAS's ID#

*The Club ID # can be obtained from Marty, or Bob

IT'S AS EASY AS A B C . . .

AQUARIUM BASIC CONCEPTS . . .

Article in the ABC Series

By Ed Keene, DCAS
Part #27 in This Series
By Ed Keene, DCAS

Why Quarantine?

Have you ever heard of anyone who had a very well established show aquarium with beautiful, happy, and healthy fish? Well one day they decided to go acquire another fish to add to their aquarium. They brought it home and after having gone through the new fish acclimation process, added it to their aquarium. Within a week several fish had died and several others were looking pretty bad. Turns out a disease was running wild in the aquarium and it all originated from the newly acquired fish. This scenario happens often, more especially with beginning hobbyists. This problem can be prevented and one of the best ways is by the use of a quarantine aquarium.

One of the main purposes of the quarantine aquarium is to hold newly purchased or otherwise acquired fish in an aquarium for a period of 2 to 3 weeks. Keeping a fish separated from any future aquarium mates allows for easy disease detection and other observation. Many times an infected fish will not show any signs of the disease for 10 to 14 days. By keeping a fish in a quarantine aquarium you allow for the disease to proceed through its cycle and finally show itself. If during the quarantine period, the fish should show signs of parasites or other disease, you can medicate it with absolutely no risk of impacting the fish in your show aquarium. It is also very cost effective to medically treat a small quarantine aquarium rather than a much larger aquarium.

The size of your quarantine aquarium will be based upon the size of fish you are going to acquire. For the average sized fish, say up to 4 or 5 inches, a 10 gallon aquarium will serve the purpose well. The quarantine aquarium does not have to have the best and the fanciest equipment on it. In fact, quite the opposite is the suggested way to go and the preferred way of the more experienced hobbyist.

Keep it simple! The standard equipment for the quarantine aquarium is the aquarium with a cover of some type, a heater, a low tech filter without carbon, a light, and a decoration of some type. The decoration, which does not have to be anything fancy, is simply to give the fish a feeling of security, knowing that it has something to hide behind or inside of. A piece or two of plastic PVC pipe will work just fine. This is all you need. It is basically a bare aquarium - no gravel, no plants, no nothing -other than what I previously mentioned. Keep in mind the quarantine aquarium is established to aid in the cure of any fish which might be infected with some type of disease. It is not one which is being entered into the world's greatest looking aquarium contest.

Continued on page 11

Continued from page 10

Most any type of filter is adequate provided carbon or charcoal is not used. Remember, carbon adsorbs chemicals in the water, i.e. medication. If you end up medically treating the quarantine aquarium, the carbon will defeat your attempts. Power filters, corner box filters, even canister filters can be used. Just remember - no carbon. Because several of the aforementioned types of filters are expensive and not really being used to their full potential, many hobbyists turn to sponge filters for quarantine aquarium use. The sponges are inexpensive and will provide good bacterial filtration. The sponge filter can be operated with an air pump or with a power head attached to it.

If medical treatment of your fish is necessary, you should allow for another 2 to 3 week period of quarantine after your last treatment. This will assure that a subsequent disease cycle is not in progress. Once this period has been completed, you can begin the acclimation process of moving your fish to your show aquarium

In conclusion

If you have the space available for a quarantine aquarium, it would be a wise decision on your part to have one and put all future fish acquisitions through the quarantine process. Of course on the other hand, if you reject the idea of a quarantine aquarium and a disease completely terminates the life of all your prize fish, you have the dubious distinction of being able to go out and spend lots of money to purchase all brand new fish! The choice is yours.

DSAS Monthly Board Meetings

DSAS monthly board meeting scheduled for Tuesday, **June 18th, 2024**, at **7pm**, at my house (see directions below) or via video conferencing through **Google Meet**. Invitations will be sent via email a day or two prior to the meeting. Please respond whether or not you are able to attend.

All DSAS board members are requested to attend and confirm if they are able to attend in-person or via Google Meet. Other members are welcome to attend.

Board meetings are a week after the general meeting on Tuesday, including the summer months, except during a holiday. The meetings will be used to discuss future club activities, scheduling of speakers, field trips, and planning for the annual auction.

Directions to 13 Saratoga Dr, Penn Acres South/Pennwood, New Castle, DE 19720.

From I-95, take New Castle exit Rt 141 South (Basin Rd) to first traffic light after crossing bridge over Rt 13 (Same side of Basin Rd as WP High School, shared development entrance with Penn Mart Shopping Center (Big Lots, Save-a-Lot, Rainbow stores, PNC Bank). Turn right at the traffic light and then bear left into the development. Take second left (Rebel Hill Rd) and another left (Saratoga Dr). I am right on the corner of Saratoga Dr and Rebel Hill Rd.