

The Yorkshire Koi Society



NEWSLETTER: June 2018

In May we held the annual YKS Photo Show sponsored once again by Ann and the team at Saki-Hikari. Anthony and Stephen Grey kindly gave up their weekend to judge the participants koi and see their ponds and filters. Thanks again guys! The hospitality was once again top notch and the sun was shining down on us; although that did make getting some decent photos difficult! On the Saturday we enjoyed a meal at the New Wheatsheaf, I got that postcode right at least! We now have the presentation BBQ to look forward to in August at Jimmy and Mandy Shaw's place.

Weekend away 21st & 22nd July: Rooms have now been booked. Please make your payments to Sue Dixon ASAP, £71.50 for the room and £35 per person for the coach. Please note that the two ponds we will be visiting are not members of a Koi club so it would be unfair to expect them to provide us with food/drinks.

There are a good number of us going so it should be a good weekend. Itineraries will be printed out for those of you attending and handed out on the day and I will also post it on the members section. Make sure you are all up bright and early!

Please keep using the forum folks. Keep checking out our sponsors banners and look out for new sponsors who are advertising with us. Without them we would not be able to run the club.

Some of you may have noticed a new tab on the forum; "Koi Health". This will have information related to parasites and treatment. Further information will be added over time. Keep posted for further updates!

Photos: Various Apps are available to help with resizing images. It makes things much quicker and easier!

Upcoming Events 2018

- **23rd & 24th June** - BKKS National Koi Show.
- **Sunday 8th July** - Midlands Koi Club visit us.
- **Saturday 21st & Sunday 22nd July** - YKS weekend away - see members section.
- **Sunday 19th August** - YKS Photo Show BBQ Presentation.
- **Saturday 25th & Sunday 26th August** - North of England Koi Show.
- **Sunday 9th September** - we visit the Midlands Koi Club
- **September 16th** - Potteries Koi Club come to us.
- **Saturday 22nd & Sunday 23rd September** All England Koi Show
- **October 21st** - Last Supper.

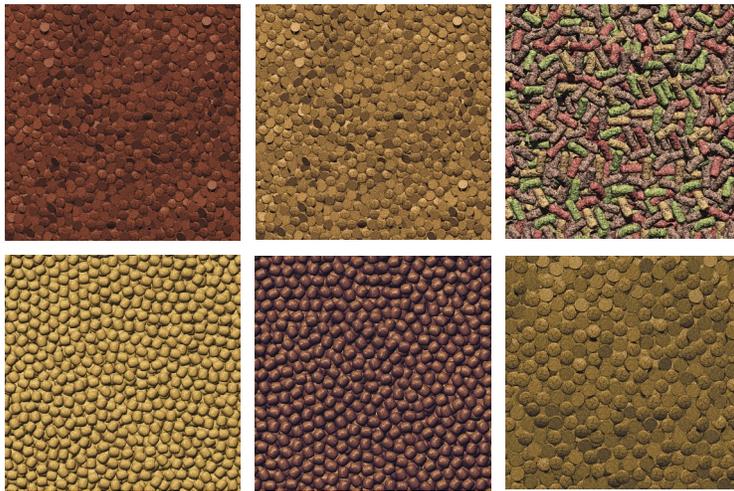


JBL PROPOND FOOD

NEO Index® literally means: natural, energy-optimised nutrition. Behind this lies the ratio of proteins to fats in the food. Looking at the season alone, the fish would only need half as much protein in winter (2:1) as in summer (4:1). But because not only does the water temperature play determining roles, but also

the size and age of the fish, and food function (e.g. growth food), the NEO Index® has been developed to deal with all these factors in one. Feed your koi throughout the year with the natural, balanced JBL ProPond fish food, to keep them healthy and active long-term. By supporting all their vital functions it ensures active, disease-resistant fish with vibrant colours. The food is highly digestible thanks to its prebiotic ingredients and is available in various pellet sizes and shapes, as well as floating and sinking.

For further information visit: <https://www.jbl.de/en/propond>



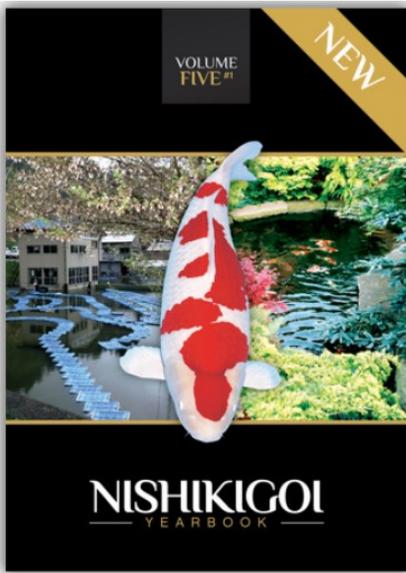
JBL is the first European manufacturer to exhibit at the All Japan Koi Show in Tokyo

The All Japan Koi Show in Tokyo is the most important koi evaluation show worldwide and is run annually by the Shinkokai (association of professional koi breeders) in Japan. Koi experts from all over the world meet up there to admire and buy the best Japanese koi.

There are over 70 judges who spend an entire day evaluating every single koi being exhibited. There is then a ceremony lasting several hours in which the cups and awards

are presented. The Shinkokai made an exception in allowing JBL to run a stand after the most reputable Japanese breeders had put in a good word for them. They are keen to support JBL's professional commitment in the koi scene.





Nishikigoi Yearbook: Volume 5, Part 1

For sale through the YKS, I also have a limited number of Volume 4, Part 2. £8.00 each. Message me if you want a copy.

“200 pages of serious, totally Koi focused material. With more than 150 of these high quality pages dedicated to serious Koi information, all produced by some of the most experienced and committed Koi enthusiasts anywhere in the Koi world”

<http://www.nishikigoiyearbook.com/shop/>

Charity Fundraiser 29th July 2018

Derek Topping is hoping to have an open garden fundraiser in order to raise much needed funds for a cancer charity; Lindsey Lodge Hospice. There will be plants for sale and a small £3 entry fee. Please make your interest known on the forum. Many of us will have been touched by this horrible disease in one way or another. Raising funds for such a cause will help patients and families going through the difficult times.

For those of you who have not been to Derek's place, he has a beautiful garden and pond, definitely well worth seeing.





BarnsleyKoi

Welcome to Barnsley Koi, a new sponsor we have on board. Ady and Hayley have recently got their dealership in Goldthorpe up and running. It is clear that they have put a great deal of time and effort into the premises. The space is large and airy with a number of tanks around the perimeter of the space. In



the centre there is a large show pond where the larger and best koi are able to be viewed. There is a good choice of dry goods, pond additives and treatments. If you fancy something different there are also Japanese Tamasaba and Fancy Goldfish available in their aquarium section.

Their interest in koi began 12-13 years ago where they started selling small koi from their back garden at home and online, interest grew with more customers buying from them. More people were asking for larger higher quality koi, this meant a larger facility was needed in order to meet the demand. It was this growing popularity and word of mouth that made them decide to take the plunge and open their own shop. Not happy with turning some potential customers away, Ady and Hayley decided to deliver on their customers requests and stock a



small number of fancy goldfish, dry goods and equipment. They hope to progress with their business, by gaining a good reputation for quality koi and service, go from strength to strength and become more well established amongst the koi world.



The 9 smaller 340 gallon tanks around the perimeter, a corner tank (1200 gallons) and 2 with 650 gallons all filtered with showers. The main display pond of approx. 4000 gallons is filtered by a synergy drum combi 35. Hiding



away is a quarantine facility and near the roller door is a bank of 12 aquariums housing the Fancies.

Ady plans on going out to Japan to select Koi, he aims to make selections for all budgets as well as seeking out the special koi for customers who have set him a budget. Some of the breeders he visits and receives shipments from include Hiroi, Hirasawa, Sakai, Dainichi and Marajyu to mention a few. Well worth paying them a visit if you are in the area, they do a good brew too!



Koi of the month: Chagoi

Who doesn't love a good old friendly Chag? The Labrador of the koi pond. The one who is always first up to greet you with a big open mouth. They may not be the most colourful but they make up for that with the attitude. Chagoi's have their own unique personalities and are usually first to the food. They are usually added to a pond in order to calm the others who may be skittish and wary. They are usually the first to feed from your hand with the other koi usually following suit. Their name means "Colour of tea" this covers shades from copper and brown right through to olive green. As



with most koi types they also have doitsu and gin rin variations which can be very striking.

When choosing a chag for your pond there are a few key points to look out for.

Size. In young fish it should be an aggressive eater and larger than the others it shares a tank with. The

head and shoulders should be broad and the tail tube thick. The pecs ideally need to be large and paddle shaped. Ensure there is no damage to the fins or dorsal. As an adult the fish should have a large frame, Chags are even more desirable when they reach that "Jumbo" size.

Skin: The head should be clean and even. There are two types of pattern to look out for with Chagoi's, This is known as "*With Fukurin*" and "*Without Fukurin*". For the latter; the scales should have a dark black edge to them where the skin has grown and extended around the scale. in both "with" and "without" the pattern of the scales should look like a fish net "*Reticulation*". The scales should ideally be lined up in a uniform straight pattern much like a corn on the cob.

Eyes: They should be clear and bright. If they are neither of these then avoid buying it.

Colour: As mentioned previously, Chagoi's come in varying shades of brown and when young can have a green tint to their skin. Green chag's are only green when young, they will eventually turn an amber/blonde colour which is probably the most attractive shade compared to the others. They are often the ones that are



the hungriest and get the biggest. Brown Chag's should have good Fukurin to define the scales. So at first glance they appear to be a plain brown koi, however when you look deeper there is far more to them than meets the eye. Their eyes, skin, pattern and shades of colour all play a part.

Members Pond of the Month: Kevin Colbeck



Kev has a beautiful stone brick pond which takes pride of place in his garden. It has a pergola which protects it from the bright sun and allows him to enclose it for winter. There is a good sized window which allows Kev to see his koi when in the house. It holds 3780 UK gallons, there is a single aerated bottom drain and JBR skimmer which feed into a Profidrum Combi Bio 35 containing K1. From this it is fed via a Superfish 18000 pump to a Crystal 8.5kw ASHP and then to a four tier Bakki Shower that holds 50kg BHM. A second outlet on the drum feeds a mid water return via a 12000 ltr/ph pump.

How did you get into keeping koi?

I was going to build a small pond in the back garden so started looking on several forums for ideas. I loved the colours of some of the Koi and decided that's what I wanted.



What would you change?

I would change the roof and extend it to have a sheltered seating area.

What is your favourite Koi?

Kohaku, I like this as that was the first koi I bought, I also like the uncomplicated patterns.

What has been your best koi keeping experience?

Winning the Chairman's Choice award at last years Photo Show.



What has been your worst koi keeping experience?

Losing my first Chagoi which jumped out of the pond.

What do you feed the koi?

I usually feed them Hikari Wheatgerm and Saki Hikari (when I can afford it).



What varieties do you have?

Kohaku, Sanke, Showa, Kikisui, Asagi, Yamabuki Ogon, Tancho Showa

How many koi are in your collection?

12

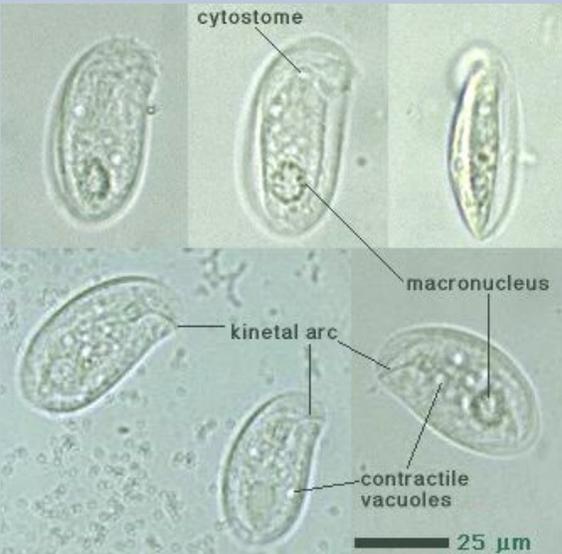


FOCUS ON..... Chilodonella

Chilodonella is a very common freshwater parasite found all over the world. This takes the third position on the kill list.

The most well known genus is "*Chilodonella Cyprinii*". This is a parasite that feeds off the epithelial (skin) cells including in the gills. It is a broad leaf shaped ciliate parasite, meaning it propels itself along with little hairs

along its body, one end is wider than the other and tends to have a little dimple at the larger end. It



is around 40x50 microns in size. It is often found on a weak koi that has other ailments that have already taken a toll on it. Unfortunately as with many other parasites, Chilodonella appears to be building a resistance to some treatments.

Symptoms

Laboured breathing, lethargy, heavy mucous over the body, clamped fins, flashing, hanging at the surface gulping for air, they may have instability when swimming to the point you can push them over or lift them out, the fish

will appear to be very distressed. In later stages there may be secondary bacterial infection. It is not uncommon for severely weakened fish to not survive the treatment period.

Identification

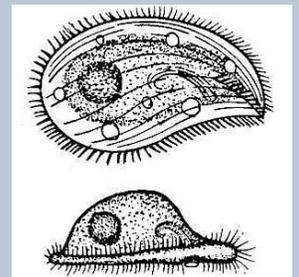
A skin mucous scrape is required. Chilodonella is visible at x150 magnification. It can be more tricky to see as it's movements are not as erratic or frantic like that of costia or trichodina. On



closer inspection at a higher magnification, you will be able to see the "nucleus"; a larger circular object near the broad end and two "contractile vacuoles"; much smaller lighter spots. These would be much clearer by staining the slide using methylene blue or methyl violet.

Lifecycle.

It reproduces by binary fission (splits in half), sometimes they may join together to exchange their genetic material; this is called "conjugation". This fortunately means there are no eggs to be dealt



continued.....

with. Chilodonella can lay dormant until the right environment occurs. The optimum temperature for this critter is 5 -10°C which also means the koi's immune system is not at its peak. It can reproduce extremely quickly in the right environment. If the host dies it will leave to find another victim. Poor water quality and stressed fish work in favour of Chilodonella.

Treatments

The most effective treatment to eradicate Chilodonella is:

Malachite Green and Formalin.

Malachite Green 2% - 10mls per 176 Gallons (800 Ltr).

Formalin 30% - 10mls per 150 Gallons (682 Ltr); check your temperature as dosage may be increased in warmer water. A second dose may be required after a week.

Potassium Permanganate (PP) 1.5 grams per 220 gallons or 1.5ppm. Keeping the water purple for 4 hours, additional 1/4 or 1/2 doses may be required in ponds with a heavy bio load. When water starts to go brown the PP is spent and not doing anything else. To neutralise PP either Hydrogen Peroxide (HP) or Sodium Thiosulphate (ST) can be used. Always add lots of extra air to a pond when treating with PP as it is an oxidising agent. Where possible avoid feeding for 24 hours prior to using PP. it is usually a good idea to do a deep clean of the filters and system to avoid having more organic matter in the pond for the PP to consume.

Chloramine T. *Kusuri* 15-20 grams per 1000 gallons for 4 doses. Not effective in temps below 11°C. Other brands are available, please check instructions prior to use. **Turn off UV!**

Acriflavine with Salt.

5 grams Acriflavine powder per 220 UK gallons. 14 grams salt per UK gallon.

Remember NOT to use salt if Formalin or PP is in the pond already. Use an accurate salt meter to ensure the percentage or ppt is safe. 0.3% starting dose to slowly increase to 0.6% over 24 hours. Any further salt increases should be done slowly. Remove any Zeolite from the filters as the salt will release ammonia from it.

Warning/Disclaimer: Medications are used at your own risk and it is your responsibility to calculate dosages accurately according to your pond volume. Check parameters prior to any treatments being administered.

References: <http://www.koiquest.co.uk/CCyprinii.htm>
<http://www.pond-life.me.uk/fishhealth/chilodonella>