



# AKA Reporter





#### DracoDrum

DracoDrum by AussieKoi WA is Australia's number one choice of drum filters for Koi Hobbyist. DracoDrum is also becoming increasingly popular with the scientific, industrial and educational sectors. DracoDrum's are now installed all over Australia including Tasmania. Typically used in fresh water DracoDrum's are now also widely utilized in salt water applications.

### DracoDrum advantages over traditional filtration:

- Automated cleaning. No more manual cleaning of matting or brushes.
  - Designed with simplicity in mind for exceptional value for money.
- Very small footprint compared to traditional vortexes and chambers.
  - Unrivaled water quality equals healthier Koi with better growth.



## DracoDrum Solum 25

- Fully automatic cleaning.
- Capacity 25,000 litres per hour 58micron (pump fed less 25%).
- Optional 75micron mesh increases capacity to 30,000 litres per hour.
- Suitable for pond sizes of approx 30.000 liters.
- Twin 4" inlet and outlets.
- · Easily removable bypass plates.
- Dimensions 610mm wide, 677mm long, 571mm depth.
- Height above water level 180mm.



**DracoDrum Solum 16** Capacity of 16,000 LpH



DracoDrum Solum 70 Capacity of 70,000 LpH



DracoDrum Minima Combi Capacity of 10,000 LpH

For more information www.aussiekoiwa.com or 0419 907 973

# **AKA** Reporter



### February 2023–March 2023

Administrative members and contact details	2
President's Report by Ian Andrews	3
Meeting Notices and Agendas, News, New Members, Auction Dates	4-5
The Australian Koi Association—some history by Kate McGill-Andrews	6
AKA Mid Northern Region	12
Buy, swap and sell	13-14
Country living by Graham and Lee Fameli	15
Thank you to our advertisers	
Aussie Koi WA	Inside front cover
Clear Water Koi ProfiDrum	18-19
The Pond Man	20
AllCare Ponds	Back cover
For all advertising enquiries please contact Gordon Kilborn 02 9153 9012 or 0429 664 916	

COVER PHOTO (courtesy ZNA Assistant Certified Judge Mr Sombat Rattananai from Phuket)

The Sakai GC painted model koi which forms part of the presentation ceremony to the owner of the newly crowned winner at the 2023 All Japan Nishikigoi Show.

AKA Reporter is published by the Australian Koi Association Inc.

ABN 91 669 147 584

Advertising enquiries: Adam Holden 0419 165 782 Newsletter production www.petergibson.com.au

All correspondence to: The Secretary, Australian Koi Association, 17 Westmore Drive, West Pennant Hills NSW 2125

#### Disclaimer

The opinions expressed in this magazine are those of the authors, and do not necessarily represent those of the Australian Koi Association or its management. Nor does the Association accept responsibility for the claims made by advertisers or members in respect of any service or items offered for sale herein.



Scan this tag with your phone www.akakoi.com.au

© 2022 Australian Koi Association Inc.

## The Australian Koi Association Inc.

Patron: Professor Simon Chapman AO PhD FASSA

Bankstown	Branch

President	Ian Andrews	0418 255 897, ia222@hotmail.com
Vice President	Paul Miglionico	0415 834 529
Secretary	Adam Holden	0419 165 782
Treasurer	Judi Rea	0418 290 084
Public Officer	Norm Verity	0404 057 741

#### Committee Members

committee members		
Show Coordinator	Paul Miglionico	(02) 9862 0472 / 0415 834 529
Show Support Group	Graham and Lee Fameli	0400 615 977
	Joe and Rita Borg	(02) 9832 9676
	John Zammit	0419 019 125
	David Chu	0402 032 750
	Mark Robinson	0427 236 385
	TK Hing	0402 305 868
	Ron Moylan	0414 909 966
Membership Officer	Heinz Zimmermann	0428 478 594, zimmo55@yahoo.com.au
Supply Officers:		
North West Sydney	Anthony Waring	0418 617 627
South West Sydney	Heinz Zimmermann	0428 478 594

South West Sydney	Heinz Zimmermann	0428 478 594
Eastern Suburbs	John Rhodes	0415 034 652
Western Suburbs	Phil and Judy Rea	0418 996 226
Membership Liaison	Mimi Chu	0418 318 333
-	TK Hing	0402 305 868
Auction Coordinator	Heinz Zimmermann	0428 478 594
Auction Assistant	Joe Borg	0416 545 882
WhatsApp and Facebook	TK Hing	0402 305 868

#### **AKA Reporter**

Editor	Kate McGill-Andrews	0427 702 235
Photography	John Ling	0411 156 648
Advertising/Promotion	Adam Holden	0419 165 782

### Committee Support Panel

Paul and Dorothy Miglionico	0424 133 698
Rostered amongst Members	
Judi Rea	0418 290 084
Eric Wilma	0417 412 159
	Rostered amongst Members Judi Rea

#### AKA Mid Northern Region

Chairman	Gavan Gribble	0430 930 936
Dep. Chair	Greg Collins	0411 406 519
Secretary	Peter Hemmings	02 6567 7576
Treasurer	Pooney Pun-Gribble	0409 675 673
Event Coordinator	Steph Nicholson	0428 493 566
Technical (Fish) Officer	Peter Colgan	0407 182 709
Membership Officer	Greg Collins	0411 406 519

#### Website www.akakoi.com.au

Facebook www.facebook.com/AustralianKoiAssociation

#### Life Members

Ethel Allen\*; Ian Andrews; Joe and Rita Borg; Jack Cohen\*; Mary Cohen; Max Farrugia; Ron Farrugia; Barbara and Bryce Hough; Arthur Johnston; Gordon Kilborn; Yvonne Louis; Betty and George Ludbrook; Kate McGill-Andrews; Dorothy Miglionico; Paul Miglionico; Ken Newton; Dave Pogson\*; John Rhodes; Arthur Robinson; Alan Walter\*; Barbara Walter\*; Harry Watson\*; Robert Wood\*; Heinz Zimmermann. \*Deceased

#### All correspondence

Australian Koi Association, 17 Westmore Drive, West Pennant Hills NSW 2125

## President's Report



Another new year of koi activities is ahead of us. Many members have been busy over the summer, although you would have to say it's been a very unusual one, with spawning koi and raising fry. As a comment, there was a fairly common occurrence this season

of either very low hatch rates or nil eggs hatching. A theory put forward by Allan Bennett in WA is that he believes we possibly spawn too early and the male koi have not yet fully developed their sperm. A reasonable theory in my mind!

The end of January saw the 53rd All Japan Nishikigoi Show (Shinkokai) held at the Ryutsu



2023 All Japan Nishikigoi Show Grand Champion. 101 cm Taisho Sanshoku. Six years old, bred by Sakai Fish Farm. Owned by Dr Yuan Jiadong (China).

Centre in Tokyo. This is the most prestigious koi show in the world with the highest-quality koi on show. A superb 101 cm Sanke, pictured below, was bred by Sakai Koi Farms was awarded GC. Interestingly, this mammoth koi was developed from Karashigoi and Sakura (Showa) bloodlines. Members of the AKA were in attendance, including Graham Fameli, Allan Bennett, Cam Mangiameli and Phong Ta from WA. I'm hopeful we might be able to get a full report for a later magazine.

Our focus now is on our Sydney Koi Show, being held on Sunday 28 May at the Sydney International Equestrian Centre at Horsley Park (just off the M7 on Saxony Road).

We are still chasing our guest International ZNA Judges for this show, however I have confirmed Mr Shoji Saito, who missed previous shows due to COVID-19 restrictions. Shoji is a great friend to all koi exhibitors here in Australia, and it will be a pleasure to have him as ZNA Head Judge. We will also welcome Jun Hun Gou, Vice Chairman of the Koi Society of Western Australia, who will be visiting us as well.

My special request is to all members to support the Sydney Koi Show and make it one of our best. If more members could make the effort to enter a few of their koi, this will boost the overall number of entries and help make the event an outstanding showcase of our magnificent koi.

Please start thinking about what koi you would like to enter, and if you need help completing online entry forms, photographing your koi or transporting them, please speak to me or any of our Committee who will be only too happy to help.

Finally, many members have expressed concerns about the media reports on massive numbers of carp reoccurring in our waterways across the country. As expected, there have been the usual calls to release the KHV into our waterways. We are preparing a full status report on this project, since the National Carp Control Plan report has recently been sent to the Federal Government for review and determination. I will advise what we find out in our next *AKA Reporter*.

Yours in koi Ian Andrews, President, AKA ■

## **AKA News and Events**

### Meetings of the AKA

Our monthly meetings are held at the Georges Hall Community Centre. Meetings are on the second Monday of each month with the exception of December when no meeting takes place. Details of all our meetings are also on AKA's Facebook page.

Remember all members and visitors must register, preferably using the QR code via the Service NSW app, as AKA is now a registered COVID Safety Plan business.

# Meeting of the AKA, Monday 13 February 2023

The February meeting of the AKA will be on Monday 13 February 2023 at the Georges Hall Community Centre 188 Birdwood Rd, Georges Hall, 7.30 pm. Welcome to members and guests

- 2. Apologies
- Confirmation of minutes of previous monthly general meeting.
- 4. Raffle
- 5. Reports
- 6. General Business
- 7. Guest speaker.
- 8. Raffle Draw ■

# Meeting of the AKA, Monday 13 March 2023

The March meeting of the AKA will be on Monday 13 March 2023 at the Georges Hall Community Centre 188 Birdwood Rd, Georges Hall, 7.30 pm.

- 1. Welcome to members and guests
- 2. Apologies
- Confirmation of minutes of previous monthly general meeting.
- 4. Raffle
- 5. Reports
- 6. General Business
- 7. Guest speaker.
- 8. Raffle Draw ■

#### Koi food

It is hoped that we can continue to provide as necessary any koi food requirements from our four outlets. We will require payment upfront or similar, and with no direct contact—our suppliers (see advertisement in this magazine) can arrange for food orders to be left out ready for pick up, having nil face-to-face contact.

Have you tried AKA's Sinking Koi Pellets yet? Seems that many of our more experienced koi keepers have given this food a big tick and are getting great results feeding it to their koi. It's best to feed one lot of floating and next feed give them the sinking. Give it a try and I'm sure you will see the improvements in your koi.

#### **New members**

New members are always assured of a friendly welcome when attending the AKA's monthly meetings. Help and advice is available if required and our Supply Officers can provide you with koi food and accessories at favourable prices. Call our membership officer (details on page 2). We welcome the following new members:

# AKA's banking details

Australian Koi Assocation,
NAB BSB 082 343
A/C 8525 90813.
Please always enter your
name on the transaction.

# New outlet for AKA Supplies

We have a new outlet for AKA Supplies. Thanks to Heinz Zimmerman (0428 478 594) for establishing the Bass Hill location for koi food, etc.

## **AKA News and Events**

## AKA Auction Dates



Held at Fairfield City Showground (bottom of markets) Commencing at 10.00 am. Quality fish at reasonable prices! Food and refreshments available. Fish

food and other fish keeping supplies also available.



Bankstown City NSW Chapter Zen Nippon Airinkai

Saturday 11th February 2023 Saturday 1st April 2023 Saturday 3rd June 2023 Saturday 5th August 2023 Saturday 30th September 2023 Saturday 18th November 2023



# Understanding the terms Tancho or Maruten in koi



Tancho Kohaku.



Maruten Kohaku.



Tancho Showa.



Maruten Showa.



Tancho Kujaku.



Maruten Kujaku.

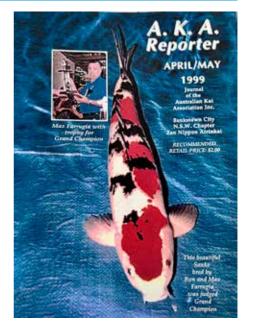
# The Australian Koi Association—some history

Kate McGill-Andrews

The Australian Koi Association (AKA) has quite a long history—the first show was held in 1981. Ian and I thought it might be of interest to members to hear a bit of the history of the Chapter, as much as we have been able to discover, at least.

The very first AKA Reporter, our magazine, was published in March 1981, shortly after the Chapter was founded earlier that year. It is very interesting reading, with original names like Bob Yandell (the then President), Dave Pogson (Vice President), Peter Hemmings (Secretary), Bill Groves (Treasurer), Ethel Allen (Supply Officer), Robin Groves (Membership Officer), Arthur Robinson (Social Secretary), Ken Newton (Public Relations Officer), Ron Thelander (Showmaster) and Col Chaloner (Editor).

The first koi article was on 'colour and pattern inheritance in koi' by F. L. Vanderplank PhD, who states that the 'unnatural colours of koi are due to viruses of the natural pigments'—a process also common to goldfish. I cannot say that I have ever heard this idea anywhere else! He also says 'that to obtain 100% mixed colours on koi, you must cross white (pearl) with red, and most of the offspring will be red and white with some other



Sanke GC in 1999. Very neat pattern but a little slim in figure.



Venue for the Sydney Koi Show, the Sydney International Equestrian Centre.



Pre-computer program recording of show results.



GC Showa 2019, Agus Djafar.



Ron and Farrugia with the first AKA Showa GC back in 2000.



Hi Showa GC.

colours depending on the genetic variations of the chemical nature of the pigments. I have always understood that to obtain patterns, at least one parent must be patterned. Interesting reading, but I am inclined to stick with the more modern views on koi breeding.

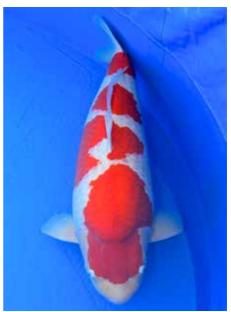


The best Kohaku to date, WA winner in 2021, owned and bred by Alan Bennet.



Young Chris Miglionico receives BIV trophy from Mike Harvey (South Africa).

Meetings initially were held at the Bankstown Senior Citizens' Hall on the first Wednesday of every month—a date reserved until early 2020 when we had to look for a different

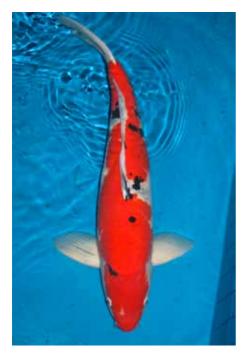


Over 85bu Kohaku from the International Show in Narita 2022.



Bryce and Barbara looking after Harry and Yvonne Bexx in 2005.

venue to the Scottish Hall in Bankstown (used for meetings for over 30 years from 1987 or 1988) due to the escalating cost of its hire. Due to COVID-19 throughout 2020, all meetings were cancelled until the beginning of 2021, but the hunt was on for a new venue. The Sydney International Equestrian Centre, although a very nice facility, was just too far away for



GC Sanke 2006 owned by Ros & Lars Lindberg.

many members to travel to for an evening, and eventually an excellent, affordable, more central location was found—the Georges Hall Community Centre. However, our meeting night had to be changed to the second Monday in the month, as this venue was unavailable on the first or second Wednesday. Quite a change, after almost 40 years of meetings!

Koi auctions, initially held at the Senior Citizens' Hall, followed by the Trotting Club in Bankstown, also underwent a change of venue from the historical use of Auburn Japanese gardens post COVID-19. Just too many obstacles were put in the club's way to re-book the venue. Another major change was the move to Fairfield City Showground, on a Saturday, rather than the traditional Sunday. However, the change has worked out well. Because of the Saturday markets at Fairfield, a huge number of visitors turn up—more opportunities to sell koi!

Koi shows for AKA have also been continuous since 1981 but have seen quite a few changes of venue over the years, including the Japanese Gardens at Auburn, Bass Hill (a shopping centre), the Trotting Club, Bankstown



GC Sanke 2021 owned by Graham & Lee Fameli.

Square, Bankstown Plaza, the Dunc Gray Velodrome, the Chinese Gardens at Blacktown, Cumberland Nurseries and finally three different areas of the Equestrian Centre. Only the COVID-19 pandemic stopped the shows, and then only for a year. In 2021, a show was squeezed in between lockdowns with local judges, since international travel was still banned. Japanese judges have been introduced to the shows only recently because finding an interpreter was too difficult; international judges have been engaged since the 1990s—at least, from the USA, Europe and South Africa.

In 1981 and 1982, the show was held in August, but from 1983 to 2019 dates were always in March or early April, with the Koi Society of Australia (KSA) traditionally having their show towards the end of May, a date adopted in 2019 when the two Chapters came together to host a joint Sydney koi show, a real milestone for both, staged in the main arena at the Sydney International Equestrian Centre and proving highly successful, despite doubts from many members of both Chapters initially.

Records show that the first Grand Champion



An early show venue, the Dunc Gray Velodrome.



Bass Hill Plaza Koi Show 2005.



A very special GC-Ron and Max Ferrugia's Kumonryu in 2014.

for AKA was a Kohaku (owned by Dave Pogson), but over the next seven years a Sanke won five times. In fact, over 36 shows (where the results are collated) a Sanke won 20 times, a large majority, showing just how popular this variety is in Australia. Other winners have been Kohaku (five times), Showa (four times), Utsurimono (twice times), Ogon (twice), plus



Even at our early Koi Shows Gin Matsuba were regularly seen.

occasionally other varieties appearing for a single year, including Metallic Doitsu, and Kumonryu. Interestingly, Showa did not put in a winning appearance until 2000 when Ron and Max Ferrugia's Showa took out GC. The koi in question was a Hi Showa with a robust figure and very solid-looking hi and sumi. Since that time, huge emphasis on improving Showa has resulted in quite spectacular improvements;

Agus Djafar's winner in 2019 was a very special Showa, developing to its winning presentation over many years.

A lot of work has also been put into breeding Sanke, and many improvements have been seen over the years. Compare the Sanke from 1999, 2006 and 2021. Most noticeable is the change in figure. Early photographs generally show rather slim koi, and a lot of effort has been made to produce koi with more impressive figures. Modern winners tend to be larger, in every respect, perhaps through improved feeding as well as attention being paid to using larger parent koi whenever possible.

A major failing of koi breeding in Australia has perhaps been too much attention to Sanke and Showa to the detriment of Kohaku. We still are very lacking in this variety as a top quality koi. A lot more effort has been made in recent years, but if we ever manage to achieve anything close to the sort of Kohaku Japan can field is anyone's guess at present. It is an ongoing struggle requiring tremendous dedication from koi breeders. If only we could import some breeding stock! What a difference it would make. Unfortunately, we might also inadvertently import KHV, truly disastrous.

However, it is not all doom and gloom!
Australia has successfully kept alive a lot of rarer koi varieties, often lapsed elsewhere in the world. Matsuba is a useful example. Constant attention is required. Yes, you might have a Kumonryu or two, but our koi all get older, often past breeding condition, and if there are no youngsters to bring on, it is all too easy to lose a line

After so many years, the koi hobby in Australia is still alive and kicking—let us keep it that way.

#### Author's note

This history is far from complete. Remember the early *AKA Reporter* magazines had few if any photographs, and I have not yet had access to magazines pre-1999, with the exception of the very first issue. If they become available, I may be able to add to this account. ■

## AKA Honorary Auditor

The Australian Koi Association is looking for a new financial auditor to replace our Mr Andrew Delahunt who is heading off to retirement.

On behalf of AKA I would like to formally thank Andrew and his staff for their kind support over many years.

If you know of someone that may be able to help in fulfilling this important role, please contact either our Treasurer Judi Rea on 0418 290 or Ian Andrews on 0418 255 897.

## KSA Auction Dates

Saturday 7th January 2023
Saturday 4th March 2023
Saturday 6th May 2023
Saturday 8th July 2023 (Northern Branch)
Saturday 2nd September 2023
Saturday 28th October 2023 (Cumberland
Branch)
Saturday 9th December 2023

Current Covid-19 restrictions as administered by Fairfield Council means that all these dates are tentative and will be confirmed or cancelled at a date closer to the auction date.

New venue for KSA auctions is Fairfield City Showground (bottom of markets), Smithfield Road, Prairiewood

# AKA Mid Northern Region Chairman's Report

#### A Technical Officer

Up here in the Mid-Northern region we've got one, and every koi club deserves one: an inhouse Technical Officer.

So what does our Technical Officer do? This person needs to be the GOAT—our 'go to' person when it comes to all matters of fish health diagnosis and treatment. The same thing is needed with water quality parameters, pumping equipment and filtration.

Of course we have the obligatory 1,000 to 1,500 years of experience in the koi club—but it is fragmented and not centralised, which in turn has its own set of problems.

We have attempted to resolve this by appointing a Technical Officer. Needless to say we call on each other as necessary where unique problems require unique skill sets and solutions. It is not that the Technical Officer is the be-all and end-all; we share our skills as required. Nonetheless we cajoled Peter Colgan (and cajole is appropriate) into the role, and why not—he is excellent.

Peter's background is scientific (nuclear physics and a master's degree), which coupled with his passion for the koi hobby, his experience within the hobby and his inquisitive determination made him the man for the role. It took a few years to convince him about the role but we got him there. To have a recognised focal point for any club—whether it is technical, marketing, accounting or legal—seems to be desirable.

Peter Colgan is perfect for us—and for a small \$ retainer we are happy to share. On a serious note—yes of course we are happy to share, he has the recognised skills and he's happy to go on call as it were.

Gavan Gribble
Chairman, AKA Mid Northern Region ■



Peter Colgan-Technical Officer



The beautiful natural landscaped koi pond of Mid-Northern member Ross Bailey.



## Buy, swap and sell

Buy, swap and sell notices can be placed free by members. Please call lan Andrews on 0418 255 897 or email ia222@hotmail.com for more information.

The Australian Koi Association does not accept responsibility for the quality of any items or any transactions advertised under Buy, Swap and Sell.

### For sale

For Sale Three (3x) 1,000 litre oval RELN Tanks \$300 each. Contact: Anthony 0418 617 627





This incredible photo taken at the 2023 All Japan Nishikigoi Show was captured by English photographer Steve Gibbins. It depicts the hoisting into the air of the GC breeder Mr Kentaro Sakai of Sakai Fish Farms, a tradition at a lot of major koi shows.



## Buy, swap and sell

Buy, swap and sell notices can be placed free by members. Please call lan Andrews on 0418 255 897 or email ia222@hotmail.com for more information. The Australian Koi Association does not accept responsibility for the quality of any items or any transactions advertised under Buy, Swap and Sell.

### For sale

1 x square fibreglass spawning pond, covers and Pond One Canister filter.







1 x rectangular fibreglass fry-raising pond and covers, etc.







Many great successful koi have been raised in this system. Reasonable offers please. Contact: John Rhodes 0415 034 652.

## **Country living**

#### Graham and Lee Fameli

In 2021 we decided to sell our house and pack up all our belongings (including the koi) and move to the country.

The koi hobby has grown on us for the last 23 years and we had built multiple ponds and enjoyed breeding each year.

Part of the decision to move now was to do it whilst we are still young enough to manage it, with the desire to build my dream koi house.

With over 20 years of building ponds and filters, etc., the goal was to build a full indoor setup and iron out all the faults from previous builds.

After moving to the Central West and settling in, we started planning the design of the shed and ponds. It gets very cold here so a hot house seemed a must.

It was designed to be a combination of Colorbond and polycarbonate sheets to allow enough light but still be strong enough to handle the snowy conditions during winter.

It took a while to convince council that my 220 square metres of ponds were going to be for my hobby and not a business venture, which I could fully understand as it seems crazy to even myself.

Approval was granted and earthworks started, which led to the first hurdle of twice the amount of fill required to level out the site, which equated to twice the price estimated.

The concrete piers were poured and the sheds soon arrived. Installation of the sheds has taken two weeks but I couldn't be happier with the design and finish.

We have started by installing four 5,000-litre aquaculture ponds with airlift systems from the filters instead of pumping, as I like the way the return water is aerated, which I feel is a healthy and cost-effective method of filtering.

I have recently started the breeders' pond where the parent stock will be held, which is approximately 15,000 litres, and the main pond which should hold 45,000 litres for the show fish.

There will also be a 9,000-litre and a 5,000-litre pond for the tosai (one year old) which will be heated during the colder months to enable the young koi to grow.

The last tub is a 2,000-litre spawning tub which will be used and cleaned out after each spawning.

Part two of this build will follow and hopefully most of the ponds will have been built and closer to completion.

Many thanks to my fellow koi mates for looking after my koi during this extended period. ■



Shed pad complete and erecting the new fish house begins.



Excavation and pier holes done, ready for the 45,000 L main pond to begin.



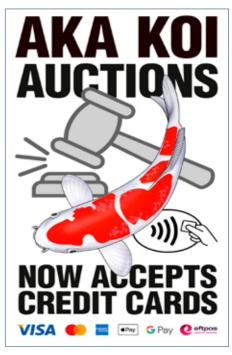
15,000 L breeders pond taking shape.



Aquaculture spawning tubs were first to go in.



Fish shed complete and couldn't be happier.



## Koi critique—a very unusual Kawarimono

#### Kate McGill-Andrews

We all know Kawarimono is 'something strange', but this quite remarkable koi is in a class of its own, catching the eyes of the South African judges as well as myself and Ian. It received two friendship awards (South Africa and Australia) as well as Best Kararimono in the ZNA International Koi Show, plus has since appeared as the cover koi for the Dutch *KOI* high-quality magazine.

Classifying this koi beyond Kawarimono is difficult. Misaji Yamazaki san (fully-certified Japanese judge) named it a metallic Ochiba Shigure (autumn leaves on water) but there are a few issues with this classification.

Firstly, the koi is not fully metallic—look at the fins; also the head appears creamy coloured rather than silver although the body of the koi does show a metallic sheen. The grey and orange brown colours are typical of Ochiba Shigure, but the black (sumi) on the head and pectorals points to some crossover with a Karasugoi (crow koi) line or something similar—Kin Ki Kokuryu for example.





However, the impression this koi creates with its unique colouring and superb figure is undeniable. The reticulation on the body is incredibly clear, as are the edges between pattern elements. The cream head, picked out with grey and black is very eye catching. Even the eyes, with their touches of orange extending onto the cheeks add to, rather than detract from this koi's fascinating impression. A koi to remember for a long time!

# **ProfiDrum**

# ProfiDrum is pleased to announce that it has partnered with Clear Water Koi as Australia's sole distributor for ProfiDrum Filters.

ProfiDrum is the worlds No:1 choice for Koi hobbyist who want the very best in pond filtration as they know the best possible water quality creates the perfect environment for producing outstanding healthy Koi.

ProfiDrum's extensive range has a solution for every pond application. ProfiDrum's Eco range features 6 models with flow rates from 25,000 to 90,000 liters per hour. The ProfiDrum Combo range with intergrated K1 moving bed chambers and optional integrated Bakki Shower features 6 models with flow rates from 20,000 to 75,000 liters per hour. The ProfiDrum Stainless range features 4 models with flow rates from 35,000 to 90,000 liters per hour. For all ProfiDrum models available please see clearwaterkoi.com.au.

# No other rotary drum filter has the build quality, reputation or reliability of a ProfiDrum Filter.

## ProfiDrum Eco 45/40

The ProfiDrum Eco 45/40 has been designed for the Koi hobbyist who wants the very best in Koi pond filtration. All critical components are made from durable 316 stainless steel whilst the housing is made with economical polypropylene. The ProfiDrum Eco 45/40 uses a 70 micron stainless steel mesh for the best possible water quality with a maximum flow rate of 25,000 liters per hour.



The ProfiDrum Eco 45/40 is fully automatic and comes complete with an electronic control unit and high pressure water pump for cleaning. The innovative control panel gives you access to a fully adjustable duration of the rinse cycle, any duration from 12 seconds to several minutes depending on the amount of food you are feeding your Koi and time of year.

ProfiDrum Eco 45/40 Specifications: 94cm L x 60cm W x 54cm H, 3 x 110mm inlets, 2 x 110mm outlets, 1 x 110mm waste, 25,000 litres per hour.

ProfiDrum CombiBio 50

The ProfiDrum CombiBio 50 combines all of ProfiDrum's experience in the area of mechanical and biological filtration with a maximum flow rate of 50,000 liters per hour.



The ProfiDrum CombiBio 50 system is based on the same principle of the successful ProfiDrum Drum Filter with the addition of a moving bed filter using the award winning Kaldnes K1 Bio Media that is agitated via the built in aeration system. The system is supplied with 100 liters K1 Bio Media with a capacity of up to 200 liters K1 Bio Media. A integrated Bakki Shower can be fitted for additional bio filtration and water quality.

The ProfiDrum Combi Bio 50 system comes complete with integrated high pressure pump utilizing pond water to clean the Drum Filter. The internal air pump and gearbox are contained in a secured dry chamber creating a neat and tidy, compact all-in-one filtration system.

ProfiDrum CombiBio 50 Specifications: 207cm L x 82cm W x 97cm H, 4 x 110mm inlets, 2 x 110mm outlets, 1 x 110mm waste, 100 to 200 liters K1 Bio Media, 50,000 liters per hour.

## **Bluelab** Guardian Monitor

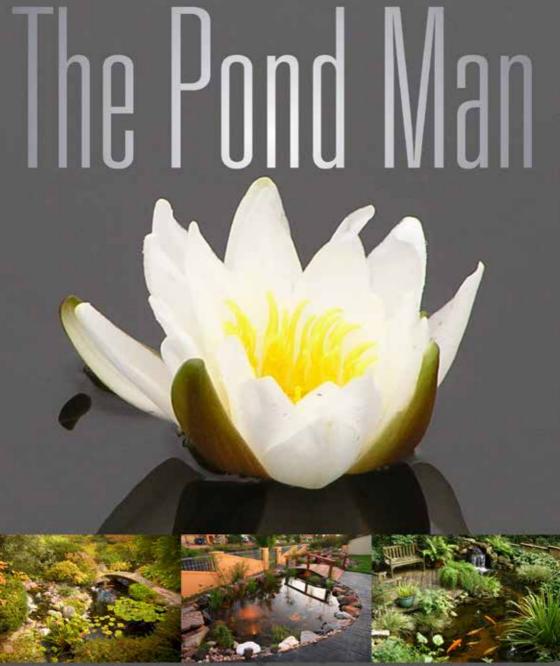
The BlueLab Guardian Monitor is the industry standard for aquaculture, hydroponics and professional Koi hobbyist alike. The BlueLab Guardian Monitor provides 24/7 continuous monitoring of pH, TDS and temperature so there's no need for manual measurements and spot checks. This not only saves you time and money but provides you with continuous and accurate measurements of your pond water allowing you to maintain the perfect environment for your healthy Koi.



The BlueLab Guardian Monitor features a large backlit LED display allowing you to view your pH, TDS and temperature at a glance, high and low alarms to alert you when parameters are out of range and easy pH calibration function with on-screen instructions.

For all inquiries please call 0419 165 782 or info@clearwaterkoi.com.au





Specialising in design, construction and maintenance of any water feature.

Any size from small domestic ponds to large lakes.

Over 50 years combined experience building water features.

Ricardo Moral, The Pond Man Mobile 0414 075 398 www.pondman.com.au info@pondman.com.au



# Supplies available to AKA members

FOOD		WATER		
Flake-Tropical: POA, ring for sizes		Sodium Thiosulphate	1 kg	\$15.00
Fry Food 1 kg	\$25.00	Powder for ammonia and		
No.1 High-protein Crumble 1 kg	\$25.00	water stabilisation	1 litre	\$20.00
No.2 High-protein Crumble 1 kg	\$25.00	Stress coat		\$45.00
No.3 High-protein Crumble 1 kg	\$25.00	Bio start to start up filter bac	teria	\$75.00
No.4 High-protein Crumble 1 kg	\$25.00	Algicide		\$30.00
Baby Koi Pellets 1 kg	\$25.00	, agreade		400.00
Pond Sticks (great in winter) 4 kg	\$50.00	MISCELLANEOUS		
AKA Growth Food 5 kg	\$40.00	Air Tubing (UV resistant), pe	r motro	\$4.00
AKA Growth Food—Australian	ψ <b>4</b> 0.00		i illeli e	\$2.00
	¢ 40 00	Plastic Bags (large) each Glass heater 300 W		. +
sourced and made (small pellet) 5 kg		Glass neater 300 vv		\$28.00
AKA 42.5% Hi Protein Sinking 5 kg		NIETO		
Orca Quick Grow Medium 10 kg	\$95.00	NETS		40.00
Orca Quick Grow Small 10 kg	\$95.00	6' Nets		\$8.00
		10' Nets		\$12.00
MEDICINE				
Malachite Green 20 g	\$30.00	TEST KITS		
Clean Fish CF 50 1 litre	\$45.00	Ammonia Test Kit		\$25.00
Condy's Crystals 200 g	\$30.00	Carbon Hardness Test Kit		\$25.00
Oil of Cloves 100 ml	\$30.00	Nitrite		\$25.00
Hydrogen Peroxide 1 litre	\$1 <i>7</i> .00	pH Test Kit		\$25.00
Paragone for parasites	\$60.00	pH up	1 kg	\$10.00
Fungonex	\$40.00	pH down	1 kg	\$13.00
Formalin	\$60.00	'	0	·
Melafix	\$55.00	Please Note: If you require a pa	rticular ingi	redient in
	,	food, contact Anthony Waring to	o discuss, a	s prices
PUMPS (Japanes made)		have increased, especially medi-	cines.	
HIBLOW 20 litre/hour	\$366.00		1	
HIBLOW 40 litre/hour	\$420.00	Orders for supplies for delivery		
HIBLOW 60 litre/hour	\$500.00	meetings are to be in the Tuesda	y prior to th	ne meeting.
HIBLOW 80 litre/hour	\$530.00	Mambara ardarina ayanlias far r	منامام امتم	الماريم مامير سم
HIBLOW 200 litre/hour	\$780.00	3 11		
·	\$760.00	Koi Association to PO Box 6222		
NB: Parts available, POA.	¢25.00	Socialion to 1 & Box GEEE	01 01 0 0	
Aquarium Air Pump	\$25.00	For postal orders email Anthony	Waring at	anthony@
Battery Air Pump	\$25.00	personalautomotive.com.au with	your orde	r and ´
		address, and Anthony will calcu	late deliver	y costs.

### Supplies by appointment, phone:

North West Sydney: Anthony Waring, 0418 617 627 South West Sydney: Heinz Zimmerman, 0428 478 594 Eastern Suburbs: John Rhodes, 0415 034 652 Western Suburbs: Phil and Judy Rea, 0418 996 226

# **AllCare** Ponds

Pond builders, all work guaranteed

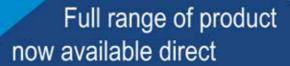
Specialising in pond construction, after care maintenance, fibreglassing on site

Tel 02 9610 0383 Fax 02 8786 0281

Mob 0409 749 454

Email allcare@bigpond.net.au

LIC No. 159135C ABN 11065879598



### **FILTERS**

Nexus, Easy, Pressure filter, custom made and many more. Filter media's, bio mats, K1, bio balls and more.

### **PUMPS**

Mebner, Continental, Sequence and many more.

Air pumps from 15 lts - 200 lts. Airline, stones and bottom drains.

### KOI FOOD

Hikari, Fujikawa, Sakura, Nobori, Medicarp, Yamato, Clay products and Refresh.

## **UV LIGHTS**

To suit any size pond.

(NSW AGENTS FOR AUSSIE KOI)

Check out the website: www.aussiekoi.com.au