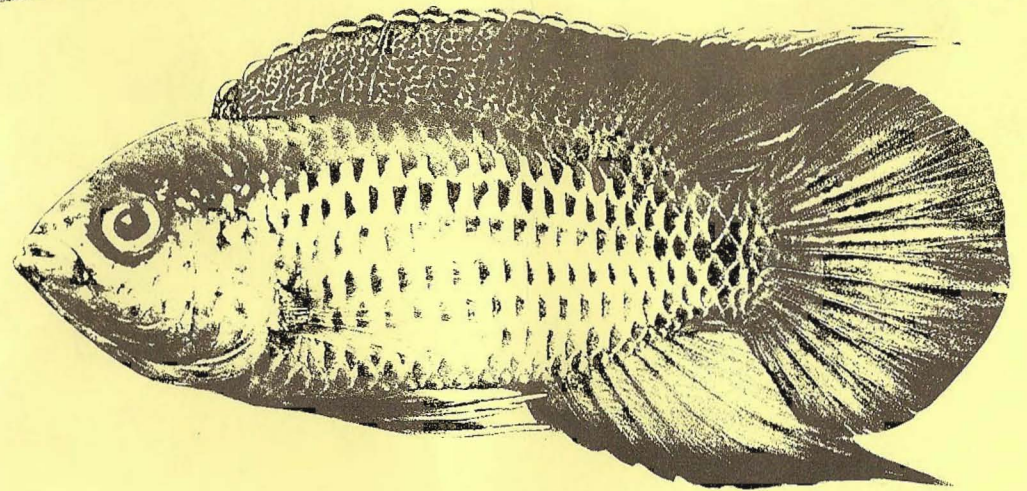
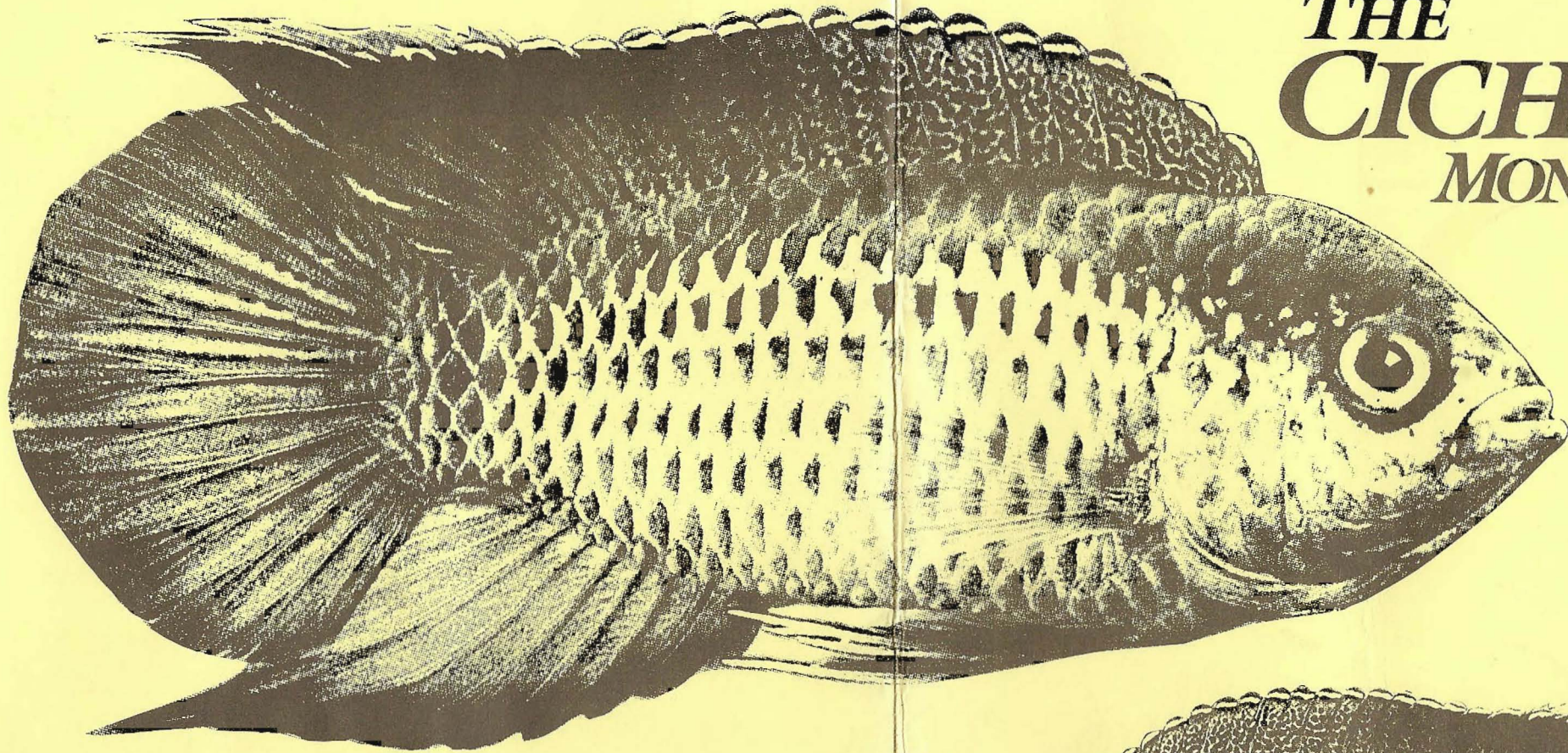


# THE CICHLID MONTHLY



**VCS** 

Volume 16 No. 9

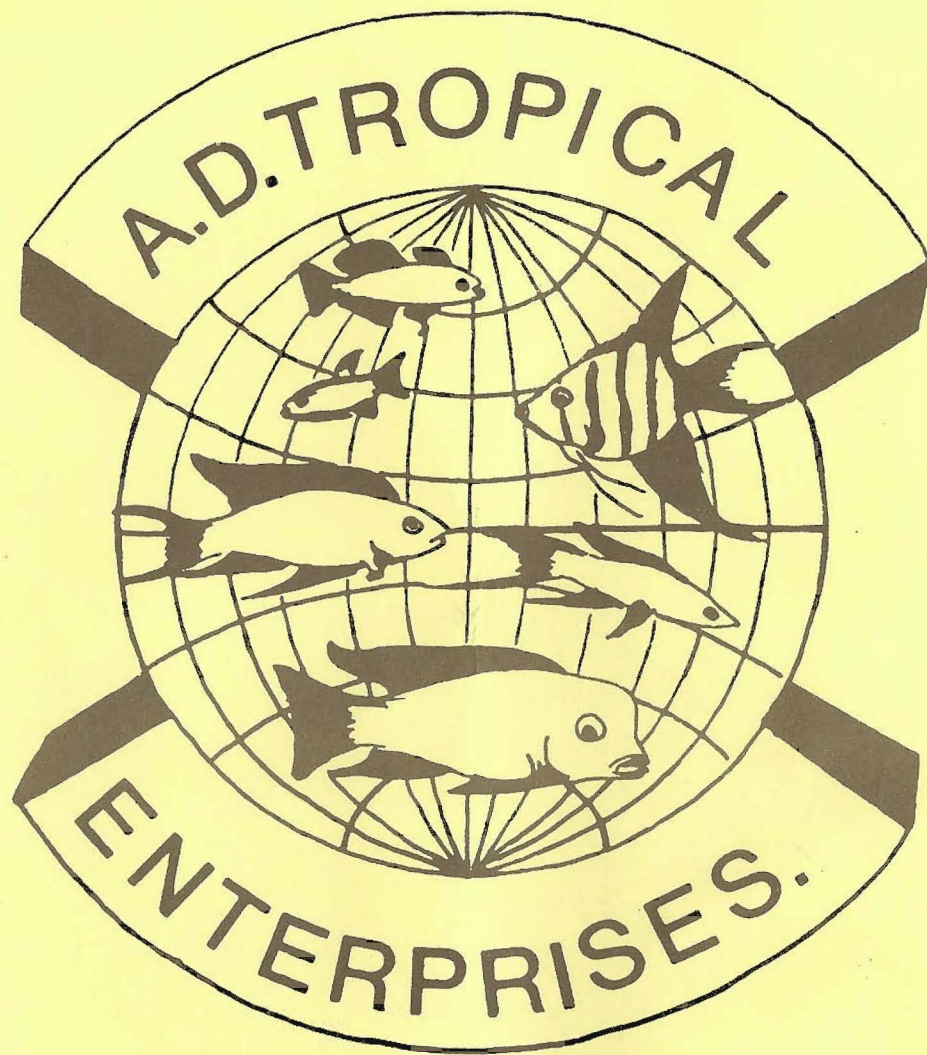
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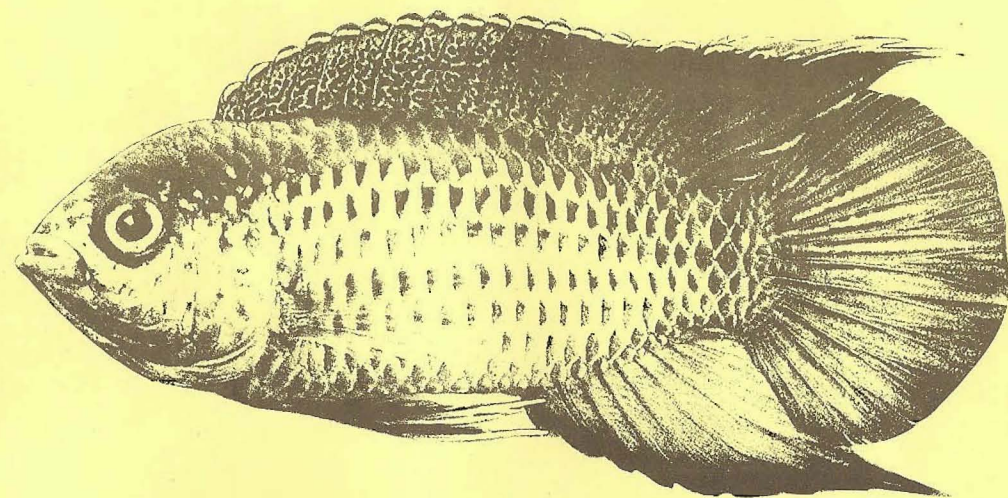


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# THE CICHLID MONTHLY

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This magazine is produced and edited by Steve Morton  
assisted by Daryl Hutchins and Steve McCausland  
with the help of John Hogan and Neil McLaren.

The Cichlid Monthly is Registered by Australia Post  
— Publication Number VBH0297.

The Victorian Cichlid Society Incorporated is a member of the Federa-  
tion of Victorian Aquarium Societies.

## DECEMBER

# VCS



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*The Victorian Cichlid Society Inc, formed by Cichlidophiles in March 1972, thus became the first specialist aquarist group in the State of Victoria.*

*The aims of the VCS Inc are: to promote the keeping of Cichlids; to gain and disseminate knowledge of their habits through slides, films, books, lectures, overseas magazines, articles by members and discussion with fellow members or other experts in the field.*

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**REPRINTS:** Anyone wishing to reprint materials from any Cichlid Monthly, may direct their requests to authors, via the Editor.

The Cichlid Monthly is published monthly by:  
THE VICTORIAN CICHLID SOCIETY INCORPORATED,  
c/- 23 Mangana Drive,  
Mulgrave, Vic, Australia 3170.

# EDITORIAL

Christmas is upon us once again. With the coming of the end of the year the final V.C.S. meeting for 1987 has, of course, a Christmas flavour.

A huge CHRISTMAS HAMPER is the main draw prize at the December meeting. As well as this the meeting will be followed by the traditional V.C.S. Christmas SAUSAGE SIZZLE, so bring the whole family and friends for a good feed on December 16th.

Don't forget the 1987 ELAINE TURNER PHOTOGRAPHY AND ART COMPETITION. See Cichlid Scene for the full details.

There will be no general meeting of the V.C.S. in January, as usual, but there is the Annual V.C.S. POOL PARTY. It is on January 17th at the Nunawading Swimming Pool Complex. All facilities including B.B.Qs should be available from 10 am to 5 pm. I hope the weather makes a great day even better for all V.C.S. members, families and friends.

## NOVEMBER MINUTES

Meeting opened with Aart talking on the fish of the month - Labeotropheus. Heinz thanked Aart for his talk. Apologies were received.

Minutes of the October meeting were taken as read on a motion moved by Danny and seconded by Kevin.

Treasurer's report was received on a motion moved by John and seconded by Peter. Correspondence was received.

New members Martin Criddle, Bernadette Ross and Adrian Seckold were welcomed.

Council at large - Manny Vella elected unopposed.

Steve defeated Maryanne in the quiz on the umpteenth tiebreaker and won a can of food.

After an intriguing mini auction, a short break was held.

Danny, assisted by Keith, then chaired an open forum on fry raising. Heinz thanked Danny and Keith.

Table show results were announced.

Door prizes were awarded.

Draw prize winners were announced prior to breaking for supper at 10.36.

**VCS**





# CICHLID EXPO 1988

Early in 1986, VCS member Steve Butcher made the club aware of a newspaper advertisement placed by the Australian Bicentennial Authority which offered grants to produce an event or happening as part of the Bicentenary Celebrations.

Thereby, the seed was sown; and after a tremendous amount of paper work a sub-committee was formed consisting of Bill Foreman, Peter Petrus, and Aart Langelaar. After many meetings and a lot of work this sub-committee was successful in obtaining a grant of two thousand dollars.

The sponsors are:

- 1) The Springvale Bicentennial Authority
- 2) Impact Demolition: materials, scaffolding & transport
- 3) Sera Foods: Danny Genovese, who will be supplying fish food for the Expo.

There are also two other possible sponsors, the details of which are not yet finalised.

The exhibition area will be shared by two other organizations; the City of Springvale Garden Club who will be exhibiting in conjunction with the VCS in the Supper Room of the Springvale Council complex, and The Victorian Historical Society who are staging a magnificent exhibition in the adjacent Main Hall. This coexhibition is of great importance as it will inevitably lead to an increased attendance at the exhibitions of all three societies.

Our Expo will be held from the 17th to the 24th of April 1988. We will produce an integrated display of the finest pot plants and other floral decorations from the Garden Club along with enclosed aquariums containing the best and rarest Cichlids in Australia. There will also be a four foot square video screen showing continuous videos of fish, natural environment, etc. Also, at the conclusion of the exhibition, the VCS will donate a complete aquarium set-up to three selected homes for the aged. The residents of these homes will become honorary members and be involved in all the club activities such as the Home Shows etc.

We will be displaying 14 standard 4 foot tanks, 16 standard 3 foot tanks and a show cabinet housing an 8.5 x 2 x 2 foot tank flanked by two standard four footers. Our floor stewards will be dressed in specially designed uniforms for which the art work and printing have been done by Manny Vella. A video tape of the entire expo will be professionally produced and made available to interstate societies, overseas associations, schools and members.

It is our intention to make this an Expo which will be difficult to equal and impossible to better.

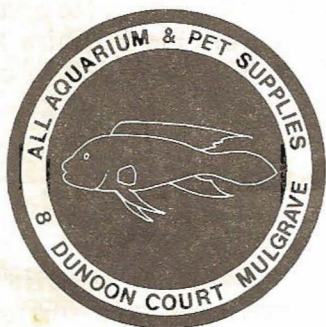
At this time the planning is nearly finished and some physical work has been started. We will shortly need signwriters, carpenters and people who are just keen to lend a hand. We invite you to participate and help this Expo to put the VCS and Australian Cichlid keepers on the map. A list of fish selected for the Expo will be published in next month's magazine.

See any member of the sub-committee should you wish to add your contribution to this magnificent Bicentennial Celebration.

The sub-committee would like to thank Mr. Mark McKenzie-McHard, secretary of the Springvale Bicentennial Committee for his assistance, and Springvale Council for the use of their hall.

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# THE CICHLIDS OF LAKES ALBERT AND EDWARD

There are three lakes which form a slight arc as a continuation of Lake Tanganyika; these three being Lakes Albert, Edward and Kivu. Lake Albert is the northernmost of the three and lies in Equatorial Africa, astride the borders of Zaire and Uganda. It is 620 metres above sea level, is in excess of 100 kilometres in length, is 32 kilometres wide at its widest point, and has a deepest point of only 48 metres.

Inflow comes from the south west by means of the Semliki River from Lake Edward, eventually becoming a constant flow for the White Nile.

The water has a very high mineral salt content, while its water temperature remains very constant, with little variation in depth or with time or year. Water hardness is 450-550 ppm and the pH is 7.8 - 9.2. There is little data available to the author on the cichlids in the lake, other than that there are 4 Genera of cichlids comprising 12 species, of which 6 are known to be endemic.

The middle lake of the three lakes, and the second northernmost of the lakes comprising the rift lake system, is Lake Edward (formerly known as Lake Edward-George). It is located in Zaire and Uganda and is some 970 metres above sea level. It is connected to Lake George in the north east by the Kazinga Channel. The main inflow is from the Rutshiru River, which is the head stream of the White Nile. Only scant details of cichlid species are available due to political unrest in the area.

Aart

## THE LAKE ALBERT CICHLIDS

<b>Haplochromis</b>	albertianus*, avium*, bullatus*, lanceolatus*, mahagiensis*, serridens*, wingattii
<b>Hemihaplochromis</b>	multicolour
<b>Sarotherodon</b>	galilaea, leucistica, nilotica
<b>Tilapia</b>	zillie

*Sarotherodon leucistica* is perhaps one of the most widely spread African Cichlids, as they appear in the following locations: L.Albert, L.Baringo, L.Chad, L.Edward, L.Rudolf, L.Tana, L.Victoria, Malagaresi Swamps, most of the West African Rivers, the waterways of the Eastern Regions, Asia Minor and Palestine, where they were introduced for economical food reasons.



# THE LAKE EDWARD CICHLIDS

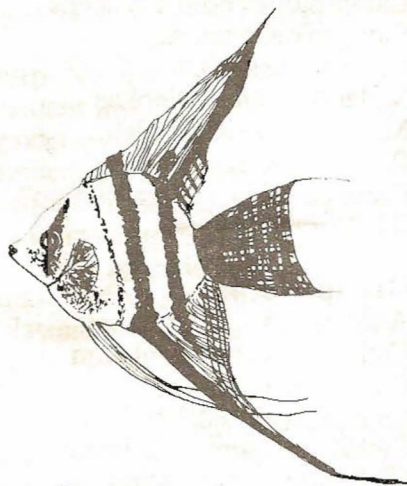
5 Genera of Cichlids consisting of 35 species, of which 21 are endemic, 29 are Haplochromis.

<b>Astatoreochromis</b>	allaudi
<b>Haplochromis</b>	eduaerdi*, elegans, fuscus*, guiarti, ishmaeli, labiatus*, limax*, macrops, malacophagus*, nigripinnis, nubilis, pappenheimi*, pharylgalis*, placodus, schubotzi, swuamipinnis, vicarius*
<b>Hemohaplochromis</b>	multicolour
<b>Sarotherodon</b>	leucostica, nilotica, nilotica-regani (sub-specie)
<b>Schubotzia</b>	eduardia, an endemic mono-genus unknown to the Australian Hobby.

\* indicates endemic species

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# WANTED - preferably alive

These fish are some of the species that the sub-committee feels are threatened in Victoria, if not Australia. We do not profess this to be a complete list by any means, but it is a starting point.

## SPECIES MAINTENANCE COMMITTEE ENDANGERED SPECIES LIST

### Key to groups:

No 1 = Lost to the hobby

No 2 = Existence doubtful

No 3 = Extremely rare

No 4 = Very rare

No 5 = Rare

No 6 = Threatened by inbreeding

No 7 = Endangered

No 8 = Allowable import but rare

### Group No 1:

*Biotodoma cupido*  
*Chromidotilapia guentheri*  
*Cichlasoma alfari*  
*Eretmodus cyanostictus*  
*Geophagus daemon*  
*Haplochromis grandeosus*  
*Haplochromis horei*  
*Haplochromis niger*  
*Haplochromis straeleni*  
*Haplochromis trimaculatus*  
*Haplochromis woodi*  
*Labidochromis caeruleus*  
*Lamprologus furcifer*  
*Limnochromis auritus*  
*Melanochromis brevis*  
*Nanochromis dimidiatus*  
*Simnochromis diagramma*

### Group No 2:

*Cynotilapia afra* "blue"  
*Haplochromis boadzulu*  
*Haplochromis brownae*  
*Haplochromis epichorialis*  
*Haplochromis johnstoni*  
*Haplochromis* Sp "utaka green"  
*Lamprologus elongatus*  
*Limnotilapia dardenni*  
*Pseudotropheus elongatus* "blue"  
*Pseudotropheus zebra* "red top"

### Group No 3:

*Aequidens tetramerus*  
*Cichlasoma aureum*  
*Cichlasoma motaguensis*  
*Cichlasoma psittacum*  
*Cichlasoma sieboldi*  
*Haplochromis quadrimaculatus*  
*Hermitilapia oxyrhynchus*  
*Lamprologus calvus*  
*Lamprologus compressiceps*  
*Lamprologus mustax*  
*Lobochilotes labiatus*  
*Melanochromis chipokae*  
*Melanochromis parallelus*  
*Pseudotropheus lucerna*  
*Pseudotropheus zebra* "albino"  
*Steatocranus tinanti*

### Group No 4:

*Aulonocara* sp. "sunburst"  
*Cichlasoma atromaculatum*  
*Cichlasoma facetum*  
*Cichlasoma friedrichsthalii*  
*Cichlasoma septemfaciatum*  
*Cichlasoma tetracanthus*  
*Etoplus maculatus*  
*Etoplus suratensis*  
*Haplochromis fuscotaeniatus*  
*Lamprologus pleuromaculatus*  
*Lamprologus tretocephalus*  
*Lamprologus walteri*  
*Melanochromis vermiverous*  
*Petrotilapia tridentiger*  
*Pseudocrenilabrus multicolor*

### Group No 5:

*Cichlasoma ellioti*  
*Cichlasoma salvini*  
*Haplochromis ahli*  
*Haplochromis chrysonotus/mloto*  
*Haplochromis euchilus*  
*Haplochromis frenestratus*  
*Haplochromis incola*  
*Haplochromis mola*  
*Haplochromis ornatus*  
*Haplochromis polystigma*  
*Lamprologus brevis*  
*Lamprologus chrystyi*  
*Lamprologus pulcher*  
*Lamprologus tetracanthus*  
*Petenia splendida*  
*Pseudotropheus elongatus* "likoma island"  
*Pseudotropheus elongatus* "golden"  
*Telmatochromis bifrenatus*  
*Tremotocranus reginae*  
*Trematocranus jacobfreibergeri*

### Group No 6:

*Aequidens itanyi*  
*Aequidens geayi*  
*Aequidens portalegrensis*  
*Chilotilapia rhoadesi*  
*Cichlasoma longimanus*  
*Cichlasoma maculicauda*  
*Cichlasoma trimaculatum*  
*Cichlasoma umbriferum*

### Group No. 6 contd.

*Cynotilapia afra* "yellow"  
*Geophagus balzani*  
*Geophagus surinamensis*  
*Haplochromis annectens*  
*Haplochromis compressiceps*  
*Haplochromis electra*  
*Haplochromis livingstoni*  
*Haplochromis nigricans*  
*Haplochromis rostratus*  
*Haplochromis symnodees*  
*Melanochromis crabro*  
*Melanochromis similans*  
*Pseudotropheus dinghanni*  
*Pseudotropheus minutus*

### Group No 7:

*Geophagus jurapari*  
*Haplochromis lividus*  
*Nanochromis nudiceps/parilius*

### Group No 8:

*Apistogramma* "species"  
*Crenicara filamentosa*  
*Lamprologus leleupi*  
*Lamprologus meeli*  
*Nannacara anomala*  
*Pelvicachromis subocellatus*  
*Pelvicachromis taeniatus*  
*Uaru amphiacanthoides*

Should you wish to assist the hobby by maintaining one or more of the "endangered" species the V.C.S. will help. The Species Maintenance Committee will give financial assistance to members wishing to acquire fishes listed in groups 1, 2, 3 and 4. All you need do is apply and we will try and get you the requested species. It's very easy, just talk to Scott, John E or John R.





# BREEDING DAPHNIA

REPRINTED FROM "AQUARIUM DIGEST" No. 13

In the March, 1975 issue of *Pet Product Marketing*, a popular British trade magazine, Lionel Vanderplank describes an interesting method for breeding commercial quantities of *Daphnia pulex*. We will condense the important points:

According to Vanderplank there are two problems to be overcome. The first, he says, has been feeding. Waterfleas require large quantities of free-swimming protozoans. They will take free-swimming bacteria and algae, but the best results can only be achieved by feeding them protozoans. The second problem is that they are susceptible to nitrites and nitrates. They need a stable environment.

The heart of Vanderplank's method is three large containers of varying sizes. The smallest holds 118 gallons (450 litres), and is used for breeding large amounts of bacteria by composting plants such as hay with manure and suitable artificial fertilizers. Heavy aeration is required to minimize the odor. The second tank, with a capacity of 594 gallons (2250 litres), is fed with a flow of 6.5 gallons (25 litres) daily from the first tank. The flow comes via a drip system or pump. A protozoan culture such as *Paramecia* is introduced and aeration is helpful but not required.

The third tank is the largest, containing 1188 gallons (4500 litres). It is the culture tank in which the *Daphnia* are introduced and bred.

The culture needs a break-in period of three to six weeks before full production. The size of the initial stock is also of importance. Breeding on the scale described here, can produce about 5 1/3 ounces of *Daphnia* daily, more than enough for many feedings. To prevent the algae build-up that can foul the water, decaying plants should be covered with black plastic sheeting.

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# AULONOCARA NYASSAE

The African Peacock Cichlid originates from Lake Malawi. In the United States it is referred to as the African Peacock Cichlid and in Germany as the Emperor Cichlid.

The Peacock is a mouthbrooder, therefore spawns are small. Water conditions for this particular fish are hard, alkaline, and a temperature range between 24°-26°. They can grow up to 15 cm in an aquarium.

The male of the species is of course, the most colourful. There is more than one colour morph for this species.

My own Peacocks are the Orange Shoulder variety. The colour of the male is a brilliant blue, however the female is a dull brown.

I have found the best way to get my fish to spawn is to have a hardness of 300 ppm and an alkalinity of 7.9 - 8.0. A good water change promotes spawning. Old rule of course! But with my Peacocks, they spawn after every water change.

I have two males and three females in a 3 foot tank. The dominant male (always in colour) spawns with the females. The second male keeps the dominant male away from brooding females. My females have between 30-40 fry. I usually remove the fry after 12 days. This way the females stay in excellent condition ready for the next spawning.

The fry have large egg sacks at this stage. After another 7-10 days, feeding begins.

Overall I find these fish to be an enjoyable species to keep. My three year old son always looks for the Blue Fish!

Manny Vella

## FOR SALE

### BREEDING COLONIES

Haplochromis moori	2 males, 4 females
Haplochromis venustus	1 male, 5 females
Pseudotropheus lombardoi	4 males, 5 females
Trematocranus jacobfreibergeri	3 males, 3 females

#### PLUS

6 x Haplochromis compressiceps (4")  
Breeding pair Cichlasoma severum (green)  
Breeding pair Lamprologus daffodil

PLUS Other fish including catfish

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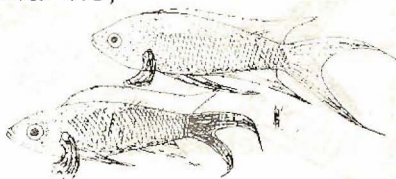
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# CICHLID SCENE

**NEXT MEETING** will be held on December 16th at the Ashburton Primary School, Fakenham Road, at 8.00 pm. Supper will be held after the meeting, all visitors are most welcome.

## MINI TALK

Fish of the Month  
"Pelvicachromis Species"  
- David Thorn

## MAIN TALK

"Rena Products"  
- A representative from Rena House will tell us all about Rena Aquarium Products

## DOOR PRIZES

DORADO FOOD

## DRAW PRIZES

1. Christmas hamper
2. Mini hamper
3. Plant

## TABLE SHOW

Africans and Asians

PLUS

## FRY SHOW

- 0 - 3 months
- 3 - 6 months

## DON'T FORGET!

THE CICHLID SOCIETIES SAUSAGE SIZZLE FOLLOWING  
OUR SLIGHTLY SHORTER DECEMBER MEETING

## AND

## THE 1987 ELAINE TURNER PHOTOGRAPHY AND ART COMPETITION

### FOUR CATEGORIES:

1. Photography
2. Adult Art
3. Junior Art A (under 16 years of age)
4. Junior Art B (under 10 years of age)

To be judged at the December Meeting with the winners to be announced and the trophies presented at the February Meeting.

**ENTRIES MUST BE ENTERED BY 8 PM AT THE DECEMBER MEETING.**

Each member may enter up to 3 entries per category.





# Invite a friend to join the Society

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## FEES:

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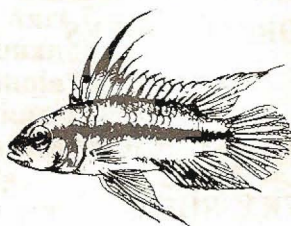
Ordinary membership . . . . .	\$12.00	Joining fee \$5.00.
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---

## APPLICATION FOR MEMBERSHIP

---

The Secretary,  
Graham Rowe,  
The Victorian Cichlid Society  
Incorporated,  
23 Mangana Drive,  
MULGRAVE, AUSTRALIA 3170.



Dear Graham,

*I wish to become a member of the Victorian Cichlid Society Incorporated. Herewith I have included the required information, and I enclose a cheque for the correct amount.*

Name in full: . . . . .

Age next birthday (if under-18): . . . . .

Address. . . . .

. . . . .

Postcode: . . . . . Telephone: . . . . .

Date: . . . . . Signature: . . . . .

Area/s of interest: . . . . .

. . . . .

. . . . .

Nominated by: . . . . .

Seconded by: . . . . .