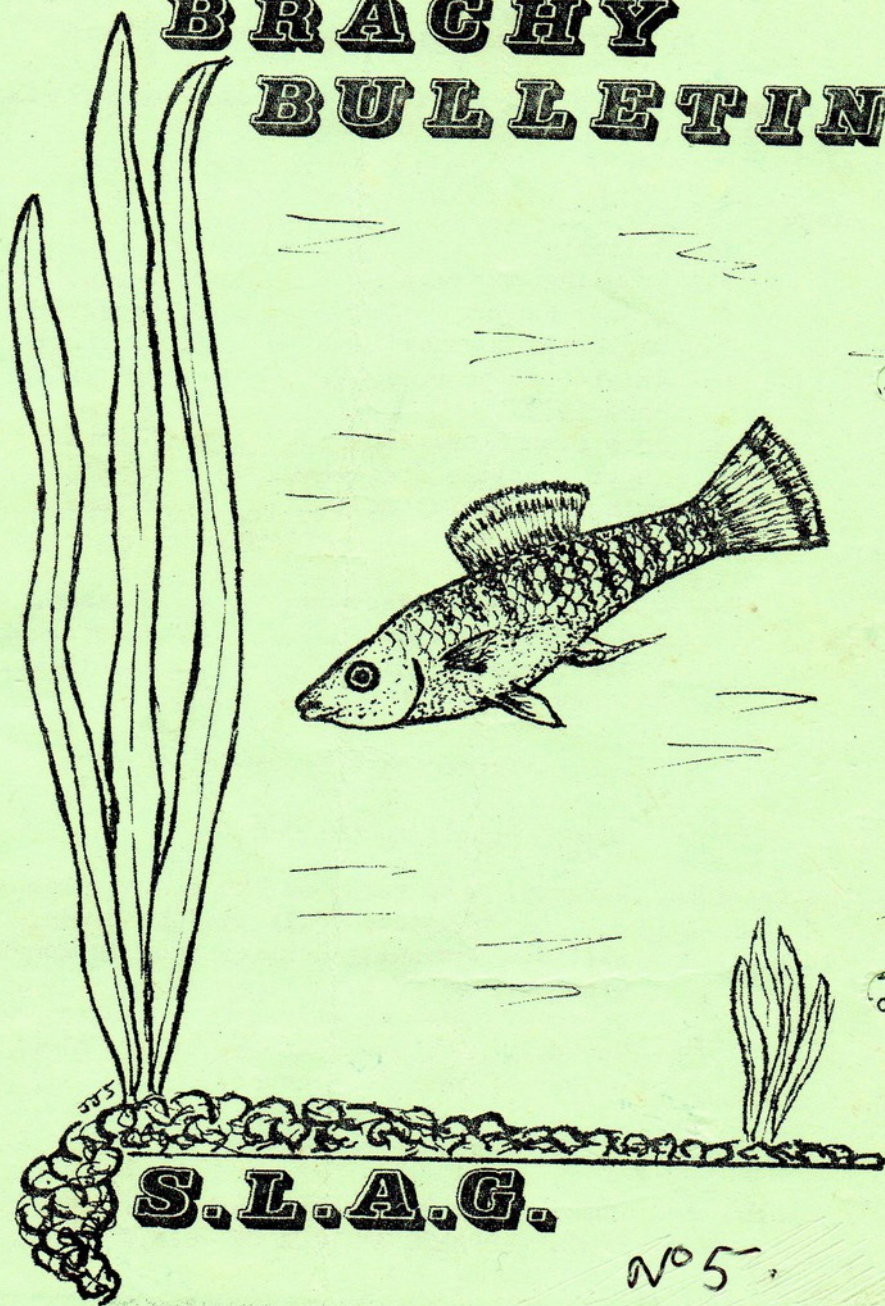


BRACHY BULLETIN



S.L.A.G.

No 5.

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S. L. A. G. MEETINGS.

March 8th Newbury. Same venue as the A.G.M. Club meeting
Subject. Talk by John Dawes.

July 5th . Clevedon Community Centre. Show in conjunction
with Nailsea Club. I

Sept. 14th . Newbury. Venue as above. Mini Closed Show.

Nov. 15th . Newbury. As above. A.G.M, Bring along those
slides of your fish house.

-X-X-X-X-X-X-X-X-X-

SUBS WERE DUE IN NOV. 1979. ALL RENEWALS TO TREASURER
COLIN HOWE. ADDRESS AT BACK OF THIS JOURNAL.

EDITORIAL

As you will all know by now Howard Preston has resigned as Editor of the Journal and it has fallen to me to take his place. I feel sure that at this point you would all like to join me in thanking him for the excellent work he has done for the Group in the past.

I must apologise for the lateness of the Journal this quarter. This was due to no fault of my own, but to a mixture of several things including, lack of material for the Journal, the resignation of the Secretary Keith Dryden and printing difficulties. With the exception of the first these have been resolved. With regard to the first however.

I must ask you all to send in a letter, small item or a full blown article for inclusion in the Journal. Don't forget this magazine is your platform to express your thoughts ideas, praises and complaints about S.L.A.G. I undertook to edit your Journal for you, not to write it. So, without your help I will be unable to do my job. I don't care if my postman does get an hernia as long as it enables me to produce a good, lively, interesting Journal for you.

You will have noticed the new format this the committee feels is a much handier size to handle and we hope that you will too.

Joe Sutcliffe.

-x-x-x-x-x-x-x-x-x-x-

THE CHAIRMAN

Ray Townsend, who has just taken over as Hon. Secretary has now taken steps to bring that department up to date, Your Committee has decided to arrange the meetings for the year now, so that you will have plenty of warning as to the dates. It is hoped that one meeting will be in the form of a closed show for members and if this comes off, I hope that those members who have species that are in short supply will try to show them as I am sure we have members who have not seen them before.

Mervyn Strange is suffering from a lack of species forms and information on species. Now that all members have them please let him have them back as soon as possible.

Joe Sutcliffe has got off to a good start with the.....

Journal and is aiming to publish on regular dates in the future. He will be relying on articles from you so start the flood now.

Area meetings can be held under rule 5 of the constitution and the idea behind this is for members to get together between normal non Business Meetings. Any member wishing to organise such meetings MUST have Committee approval first and should write to Ray Townsend giving details of where and how the meetings are planned to be held Ray will then bring this before the next Committee meeting on Sunday 30th. March 1980. You will hear soon after that date as to whether the go-ahead has been approved.

Area groups may also be formed under rule 6. To apply to start a group, the written application of ten or more paid up members to Ray is required, and again, he would then bring this before the Committee.

It is probably advisable to walk before you run and to start area meetings first if these run successfully for a time, then, apply to for a an area group. I am going to apply to the Committee to commence area meetings in my part of the country and, if this is approved, will then contact members within a reasonable distance of my address.

The Constitution will be printed soon and sent to all paid up members.

I have been in the throws of building a,,new fish-house Progress is slow because of time and inflation but I am determined to finish it completely before moving over. The temptation is great to change over as soon as possible but I have seen in the past, that once you start moving in tanks the building work never gets finished. I will report on the new set-up after it is in use which I hope will be before the next Journal comes out.

Dave Cheswright

-x-x-x-x-x-x-x-x-x-x-

COFYHIGHT

ALL ARTICLES IN THIS JOURNAL MAY BE RE-PRINTED OTHER THAN FOR PROFIT, PROVIDED THAT THE AUTHOR AND THE SOUTHERN LIVEEBARERS AQUATIC GROUP ARE AKNOWLEDGED AND 2 (Two) COPIES ARE SENT TO THE EDITOR.

Our first A.G.M. was held at Newbury on Saturday 17th November 1979. It was due to start at 4pm. but, as members were still arriving then, I delayed the start until 4.30pm. 26 members plus 8 visitors signed in and we had apologies for absence from Phil Martyn, P.R.O. U.K. and from Dave Haley, who had sent a telegram of good wishes.

I, as Chairman gave a brief report of the inaugural meeting on July 1978. Keith Dryden gave his report as Hon. Secretary.

Species Control Officer, Mervyn Strange spoke at some length, referring first of all to species conservation, with sufficient members keeping each species being essential in order to maintain it in viable numbers. A new Species Form was available at the meeting and members declaring species would be asked to do so for 18 months minimum and to pass the species on if not wanting, or unable to keep it at any time. There is a lack of information on many species and much more is required to enable them to be fully described. He asked all members to supply information to him. A pedigree form has been suggested by Ivan Dibble and it is hoped that this will soon be in use for all species that are traceable to the wild; co-operation on this has been promised by the N.G.L.S. and the D.G.L.Z. (Later I asked members if they would support this scheme which would involve some paper-work and the response was very good. Mervyn said that information on species kept by our members would be confidential, however he did point out that any information he could not publish for the use of other members would be of no use to him. Members who renewed their subscriptions would keep the number issued to them in the first year, so that species information would remain continuous. A general discussion then took place on Species Control and it was emphasised that members must inform him if they cease to keep any species, otherwise they would be shown as still having it.

Overseas P.R.O. Ivan Dibble then gave his report. He said we had exchanged fishes with 4 overseas Societies & were in contact with 6. The emphasis is on keeping stocks clean when the original wild source of collection is known. He also mentioned various trips to Germany by himself and other members, I thanked Ivan for the tremendous job he has.....

done in introducing "new" species into the U.K. and for maintaining continuous contact with other countries. Ivan asked for any members who can speak a foreign language to let him know. He also mentioned a possible trip to Mexico. Ivan then presented his report as Treasurer. He thanked members for their generosity in helping with stationary, postage and other costs, including the printing of the Journal. He thought that the subscriptions should be £5. in order to provide enough funds to properly run the Group.

I then presented my report as Chairman. We have over 80 species bloodlines in the U.K. now and I feel that consolidation is a must, a lot of members are needed to cover such a large number safely. We are very pleased with our contacts overseas, particularly Germany and Howards trip to Mexico. I thanked all Committee members for their work and all members who had helped with the costs mentioned by Ivan I also mentioned that 2 Journals had been printed by an Aquarist who was not even a member, at no cost. The Journal now cost us £22 to be duplicated and that was on a borrowed machine. The cost of 4 Journals at this price would be £88 per annum and lack of funds prevented us from printing more information for members. During the year we had put on stands at 4 Open Shows and the members concerned were thanked for their work. I mentioned the various trips to Germany and their visit to us in April 1979? also the visit of Gunter Entlinger for the N.G.L.S. Show, My wife and I met him at Gatwick with Ivan Dibble. Other members had met him either at Ivan's or at the Show, Since the start of S.L.A.G Members have been visiting each other on many occasions. We have had publicity in various magazines and I particularly mentioned John Dawes series of articles in "Practical Fishkeeping" on the Goodea family. (I refer members to Dec. 79 issue, where John completed his series with details of the sources to the U.K. of the various Goodeas, and the person who had introduced them). Finally I mentioned the tremendous number of exchanges of fishes that have taken place between members. I emphasised to members not to hesitate to contact other members who are listed as having species they would like. I personally have had no requests for fish for some time.

The Constitution was then discussed, amended and approved', Details of the amendments were sent to all members.....

in Jan 1980 and the Constitution will be printed in full in due course.

The Committee was then appointed. (Details elsewhere in this issue). Please note that Chairman, Vice Chairman, Secretary and Treasurer hold office for 2 years. We tried to appoint Howard Preston as President but unfortunately he was not willing to accept the nomination. Bernard Meech and Sid Pinnis agreed to act as Auditors. In any other business I asked members to give a show of hands on the question of meeting places. This produced an almost even vote for keeping to the same place each time and for moving the meeting place about as we have done so far. Mervyn Strange said that the Constitution now provided for area meetings, and perhaps Quarterly meetings would be better held in one place. Ken Saxby asked if the meeting could be asked for approval of affiliation to the F.B.A.S.

This was carried unanimously. I asked if members would be willing to pay a £1 or so, for a club badge so that we could have one of good quality and the members present supported this. (Ideas for a design for this are required so send them in. Ed.)

The A.G.M. closed at 7.30pm.

A break was then taken till about 8.15. Howard then presented an excellent slide show on his trips to Mexico, with the emphasis on the 1979 one. Whilst there he had met Dr. Radda and had gone fishing with Erlich with whom he had had contact via the D.G.L.Z. His show included not only fishes and locations, but scenes of the local towns, villages and people. It also included shots of the excellent accommodation with running water, on the floor !! The tremendous variation in the wild locations of the fishes was shown up on the screen. They varied from very small pools and what were almost swamps to large rivers. The difficulties of catching any given species to order are obviously great. Howard said there was no way he could have brought back every fish he would have liked to, as there is a limit to the quantity that can be transported. All those present really enjoyed his talk and were green with envy I was very pleased that our time-table worked so well and that ample time was left for the auction. We held the usual raffle. During the break members and visitors were treated to a grand spread of food provided by.....

the home cooking of Ray Townsend's and Colin Howe's wives, many thanks are due to them both, and, for the hospitality at Colin's home before, and after the meeting. The bar was open all through the meeting so the members did not have to leave it in search of food and drink during the break, If we can continue to have meetings such as this, and the others we have held in the past I am sure we will go from strength to strength

-x-x-x-x-x--x~x-x-x-x -x-

Dave Cheswright

CARLHUBBSIA STUATRI

OBTAINED FROM WEST GERMANY IN OCTOBER 1978 HAVING
COME ORIGINALLY FROM STOCKS CAUGHT BY E. SCHLOSSED IN OCT.
1977 FROM RIO DULCE, LAGUNA YSABEL, GUATEMALA.

For those who have not yet seen this fish, it most probably conforms in body shape to what has been known in Britain as the 'Merry Widow. However the Carlhubbsia does seem to be slightly deeper in the body, but grows to approximately the same size. Some of the most distinctive features being intense vertical black barring on the sides of the body, with a base colour of light bronze flecked with many beautiful highlights of other colours when seen in natural daylight. The fins in the main have faint golden tinge with the exception of the dominant male in the tank who usually shows a black line along the outer rays of the dorsal fin when in good condition the fish sports extremely well. So far the most young that I have obtained 79, this female in her first brood had only 23. I found it rather sensitive to light and contact with large boisterous livebearers. I found I had my best results when keeping them in a tank especially for this species which, although well lit, had many dark recesses amongst the plants, where the fish seemed to spend a large part of their time. Initially the stuartri would not take to dry food. This was obvious to me during the winter of 78/79 when, for once, my sources of live food dried up. As a result, the stocks started to show signs of wasting away for the first time ever. Now though, the successive batches

I have experienced no difficulty at all in breeding this fish. The gestation period of which seems to vary with tank temperature from about four weeks at 80°F. to 6 weeks at 72°F. Whenever I have wanted young, I have simply taken a gravid female and placed her in a small tank with a large clump of Java Moss. Usually in a few days the fry are there.

The female must be removed as soon as possible or she will kill or eat some of the fry.

Ivan Dibble,

-x-x-x-x-x-x-x-x-x-x-

A VISIT TO THE D.G.L.Z. SHOW 1979

Early in October last year when judging at the N.G.L.S Open Show in Newcastle I was introduced to Günter Entlingera member of the D.G.L.Z. I was asked by Doug Renton if I would judge together with Günter. Of course I was more than pleased to say yes. I am sure we both learned quite a lot from the experience, he on English methods of judging and I on German methods. Günter was staying with Ivan Dibble at Clevedon as I live about half way between there and Newcastle I suggested they might like to break their journey home at my house. This they did and they ended up staying the night. It was then that we introduced Günter to the delights of Barley Wine. He had never had the drink before and he soon ended up steaming.

On the Monday morning, after a visit to a local fish shop, they went over to Burnley to meet Dave Hanns. Tuesday evening they were back again. Wednesday morning my wife and I took them on a visit to Nottingham Castle and to the oldest pub in England, "The Trip to Jerusalem". After a meal we all trooped off to Blackpool to have a look at the illuminations. We returned home after midnight and.....

broke out the Barley Vine again. Poor old Günter, the way Ivan and myself wizzed him about that week he didn't know if he was on his head or his feet. After this meeting I was looking forward to seeing him again when I visited the D.G.L.Z. Show in Hannover later in the month. The three of us who went to the show had a wonderful if somewhat hectic time. I left home about noon on Thursday and drove down to Clevedon to pick up Ivan Dibble and Alan Howard. We left for Dover at 6pm. After Cornish pasties and some liquid refreshment in one of Dover's many excellent pubs, we boarded the ferry and left for Ostend just after midnight. When the bookings were made, I insisted on booking a cabin for the crossing. Not all were in favour of this at the time but even though it gave us only three hours sleep, all agreed it was well worth the extra couple of pounds each it had cost us.

Driving through Belgium in the early morning we saw one of the most fantastic sunrises you could imagine. We crossed into Germany at Aachen and arrived at friend Hans Dieter Georg's home in Wuppertal at about 9.00am. just in time for breakfast. Dieter made us very welcome, and we all made phone calls to our wives. At about noon we were off once more for the last three hour drive to Hannover. When we arrived there, we booked into the Hotel that Dieter had so kindly pre-booked for us, then after a meal of who knows what! (very tasty though) and a couple of lagers we went to find the show. The D.G.L.Z. show is a three day event. Judging on the Friday, a club meeting and social on the Saturday, and open to the public on the Sunday.

When we arrived at the venue, which was a spacious well lighted hall in a modern German school, judging should have been in progress. Instead of this we were greeted with complete and utter chaos. Half the benching had not arrived.

At German shows, or at least at this one, all are provided by the club. At this show there were some or three hundred of them, all 14" x 8" x 6". They are totally enclosed except for the viewing area, all have air provided and are well lit. When erected it all looks very neat tidy, and all the entries stand the same chance of being seen by the Judges. We in the U.K. could learn a lot from.....

the way they bench their fish. You must admit some of the benching in this country leaves a lot to be desired. The tanks we put our fish in are also a shambles, being all shapes and sizes.

As I said before, the scene that greeted us was chaotic. When the van did arrive, the reason for the delay turned out to be a puncture. All hands fell in to to unload and erect the benching, by the time it was finished it was very close to midnight, believe you me it was a very tired Alan Howard and Joe Sutcliffe who slipped into their beds about thirty minutes after midnight. I don't know how Ivan does it but he went to a bottle party with some of the D.G.L.Z. Members who were staying in the same hotel. What time he got to bed I have no idea, nor has Ivan, but we had a hard time trying to wake him at 7.00am. on Saturday morning.

After breakfast everyone went to the show. Judging started early, in fact most of the judges were working when we got there. I must make a point here, it surprised me that most of the judges were judging classes that had their own fish in them.

In fairness I must add that the fish that won were in fact the winners. At this show two or three judges judged each class, the two or three sets of points were added together and divided by the number of judges and the result was the number of points awarded to that entry.

It seemed to work well enough anyway. During the Judging members were waking round buying, swapping and exchanging fish. NO ONE TOOK: THEIR OWN DISH HOME FROM THE SHOW!!!

The standard of entries was very good but some of them were not as good as I have seen on British show benches. I fell in love with a pair of wild green swordtails. Ivan found the owner, told him, and I was delighted when he made me a present of them. He had caught them himself earlier in the year in Mexico. I also received gifts of pairs of Xiph`hellerei guentheri, Girardinus falcatus, Humpbacks, blue

platies, marigold platies, more swordtails and some very nice salt and pepper platies. Nor did Alan come away empty handed while Ivan went for the more exotic species offered. S.L.A.G. won the trophy for most entries: from foreign countries with Sweden second.

By Saturday noon the judging was finished, at this point Günter Entlinger and his wife arrived, and most of us went to a bar in a shopping precinct nearby for lunch and a little liquid refreshment.

In the afternoon all the D.G.L.Z. members, the Swedes Alan, Ivan and my self went to a Restaurant come bar come swimming baths for the A.G.M. of the D.G.L.Z. This turned out to be a very lively affair made even livelier by the waiters dashing to and fro with trays of booze. After several glasses of beer I began to wonder who was paying for this lot as I had never put my hand in my pocket once all afternoon. It turned out that as we left the room everyone went to the bar and paid for the drinks they had had during the meeting. Very trusting these Germans. I can just imagine what would happen here if a landlord tried it. after the A.G.M. it was back to the show for a couple of hours.

In the evening we went once again to the bar come Restaurant for dinner. This turned out to be a very plush affair and after the meal we retired to a private room for Ia very social evening. The English contingent were thanked by Herr Baldcra the D.G.L.Z. President for our help in setting up the show, at this point three flaming glasses of schnapps were brought in for us, the idea was that you blow out the flame, wait a few seconds for the glass to cool and then try to blow the top of your head off by drinking it in one go. They call the drink "Friesengeist". By midnight spirits were beginning to lag a little, and the party broke up. The three of us then had a coffee with Günter and his wife, then we made our way back to our beds. Needless to say, Ivan found himself another bottle party. Sunday saw us up at 8,00am., after breakfast three car load of us set out for the show, the two leading cars full of Germans and me bringing up the tail end. We had only gone about half a mile when the two leading cars pulled to the kerb. Now, don't know if it was the slight mist that was hanging about or the mist caused by the booze the night before, but they were lost and asked me if I knew the way to.....

Sunday was for the public and a goodly number attended but the hall was never full. Unlike British shows no food or drink was on sale to the public, but members of the D.G.L.Z. were supplied with endless cups of good free coffee. Many clubs in the U.K., more so in the north, are now holding auctions at their open shows. At first they were very good. Now, unfortunately, they have become a dumping ground for rubbish. The D.G.L.Z. auction to say the least, unusual. All interested parties followed the show organizer to the first tank where the fish were auctioned. After purchasing the fish it was up to the buyer to provide himself with plastic bag & rubber band. They all moved from tank to tank until all the fish were sold. The cash taken by the way all went to the club, not a percentage of it the way we do here. We left the show after the prize-giving at about 5.30pm. and made our way back to Wuppertal with our mate Dieter. We had a very nice pizza, provided by Dieter's lady wife Marion and after a few more drinks and a long chin-wag we went gladly to our beds.

Monday, after a trip around the Shops of Wuppertal to buy gifts, we left. It was 11.30am. We arrived back in Clevedon about midnight. After food and a hectic sharing out of fish I made my way back to Nottingham arriving at 6 am. Tuesday, if you will excuse the term "knackerd".

If after reading this you are sorry you did not go. Try getting in touch with Ivan Dibble. He is looking for people to make up a coach party to visit the next annual D.G.L.Z. show in Frankfurt in October of this year. The members from Frankfurt promised us a very good show. Why not try it ?.

WOULD ALL MEMBERS PLEASE RETURN THEIR SPEWCIES FORMS
TO MERVYN STRANGE
THEY ARE IMPORTANT

SOME DISEASES OF FISHES AND THERE POSSIBLE TREATMENT

<u>Disease</u>	<u>Treatment</u>
1. Virus	Avoid contagion.
2. Bacterial	Avoid contagion, treat with antibiotics.
3. Parasitic	Avoid contagion, treat with antifungal medicine, disinfect tank with copper sulphate solution or formalin.
a) fungi (Saprolegina)	
b) Dinoflagellates (Oodinium)	Clean tank and disinfect as above.
c) External protozoa (Costia, etc.)	Avoid contagion, treat with formalin, copper sulphate, methylene blue or malachite green.
d) Interdermal protozoa	Avoid contagion, kill free protozoa by malachite green or copper sulphate & increase water temperature for a few days to as high as the fish will tolerate.
e) Intestinal protozoa (Hexamita)	Specific medicines available. (e.g. Enheptin).
f) Systemic protozoa (Myxosoma etc.)	There are no practical cures to recommend.
g) External trematoda	Controlable by bathing in a solution of formalin or potassium permanganate.
h) Crustaceaena (nematoda, acanthocephala)	Remove parasites mechanically Bath fish in solution of potassium permanganate or formalin.

3. i) Parasitic Worms

Eliminate infested animals & intermediate carriers (mollusks, crustaceans, etc.) Administer Kamala orally for Cestida & piperazine for citrate for Nematoda.

4. Other diseases

a) conditions due to incorrect environment wrong feeding, skin damage due to bad handling.

Find out and eliminate cause, avoid increasing susceptibility to more serious illness.

b) Tumours

Remove affected animal.

PRINCIPAL MEDICINES & THEIR USE AGAINST DISEASES IN FISHES.

<u>MEDICINE</u>	<u>PREPARATION</u>	<u>TREATMENT</u>
Sodium chloride (Na Cl salt.)	Solution in water. (3% by weight)	Bathe for 30 mins. to a maximum of 2hrs. (fresh water only.)
Copper sulphate	Solution in water. 1:2,000 ratio (can add glacial acetic acid about 1ml.-1.	Bathe for one minute.
Formalin (commercially available at 37 % by weight of Formaldehyde in water.)	Dilute in water to 1 : 500 1 : 4,000 1 : 6,000	Bathe for 15 minutes. Bathe for 15 minutes. Bathe for one hour.
Potassium permanganate $KMnO_4$	Dilute in water to 1 : 1,000 1 : 100,000	Bathe 10-40 seconds . Bathe for one hour.
Methylene blue	Dilute in water to 1 : 350,000	Bathe for 3 - 5 days.

Malachite green	Dilute in water to 1 : 15,000 1 : 200,000	Bathe for 10-30secs Bathe for One hour
Chloramphenicol	Dilute in water to 1 : 20,000 or commercially avail- -able form or commercially avail	Bathe for an indef- -inate time. Orally, in food at rate of 50 / 75mg per kg. body weight per day. One peritonal in- -jection of 10/30mg. per kg. body weight
Oxytetracycline	Commercially avail- -able	Orally, in food, at the rate of 50/75mg per kg. body weight per day. Treat for 10 days.

Included in the next Journal will be some useful hints on the treatment of fishes.

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Subs were due in November 1979!!!! Only the following members have paid their subscriptions.

Nos. 1, 2, 4, 5, 6, 9, 10, 12, 14, 20, 30, 33, 34, 35, 36, 39, 45, 46, 47, 48, 55, 57, 63, 74, 78, 81, 82, 83, 84, 85 and 86.

If your number is not listed above, your subs are due. If you do not know your number, you will find it after your name on the envelope this Journal came in. all outstanding subscriptions to Treasurer Colin Howe please.

-x-x-x-x-x-x-x-x-x-x-

SPECIES CONTROL RECORDS

A "revised form" which members were asked to complete, giving details of livebearing fish that are kept, was distributed at the A.G.M. to those members present. If things had gone to plan, the Secretary should have distributed the Form together with details of the A.G.M. to all members soon afterwards. As you know the Group has had problems, but you should all have the forms now. Before the Editor publishes the next magazine. I would like to be able to produce for publication, a listing of what fish are being kept and which members are keeping them. To do this I require that information be sent to me. I take it for granted that you understand that these forms need to be sent to Species Control regularly. We all change species from time to time, and unfortunately we sometimes lose fish, so the forms sent in 1979 are not valid except for background information. We do read up to date records. If you are continuing to keep the same species as last year, confirmation is still needed even if it is only a phone call.

If we are to maintain all the species that we have at present we will need members to declare for as many species as practical. The principal of what declaring for a species has been published in previous magazines and is in the declaration forms. Ivan Dibble, has for some time been advocating we establish a pedigree record for our fish bloodlines. At the A.G.M. we introduced a S.L.A.G. form which we hope enough will find of interest, as this does establish a more scientific approach to our records. Naturally such a scheme will require a response from our membership, accurate records from those who breed and distribute fish, great care with species of fish that hybridize and a serious attitude from those members who choose to use the scheme. The result given a reasonable support, will be the gathering of a mass of detail about the species covered by the pedigree scheme which must be of benefit to us all.

As I receive record forms I will distribute the relative "pedigree" sheets to those members who give me sufficient detail for me to relate their fish to the bloodline traced on each, pedigree sheet produced.

record of the fish being kept as is available. I believe those of you who may be doubtful whether a pedigree sheet | can be valid for fish, will, when you see the sheets in operation, become as enthusiastic as our friend Ivan,A final plea !!! Send information to us so that you can share in the total information that is available from SLAG,members.

Mervyn Strange
phone Basingstoke 67039,
-x-a-x-x-x-x-x-x-x-x-

D.G.L.Z. SHOW 1980

I have been informed that the next annual D.G.L.Z. International show will take place in October this year in Frankfurt. Unfortunately at this moment the precise date is not yet available, but I hope to have it soon. In the mean time. I would like to hear from any individual interested in making up a party from England to visit the show,very approximate estimate of the cost of this four day trip would be in the region of £80, providing there are enough members willing to snake up a party. It will probably mean leaving on a Thursday evening from the London area and returning there Monday morning. This cost includes a 2 or 3 night stop over in a Frankfurt Hotel,Some people have already indicated verbally their interest in attending the show. However, I would like these and anyone else interested, to write to me confirming their interest until such time as I *am* able to contact them with more information,I would like to add that this years show promises to be a very good one. In the lovely city of Frankfurt there are many beautiful things to see and an excellent shopping centre if your wives would care to come along, many have already expressed their wish to do so.

11, Strode Road,
Clevedon,
Avon
BS21 6QB

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I. H. DIBBLE AMENDED STOCK AS AY JANUARY 1980

SEVERAL OF THE SPECIES LISTED BELOW ABE AVAILABLE PROM IVAN HOW. ALL, WILL BE AVAILABLE TO MEMBERS SOMETIME DURING THE YEAR

E.A.S.. English Aquarium Stock.

G.A. S.... German Aquarium Stock.

- Alfaro cultratus American Aquarium Stock
(Frohlich 1974)
- Amableps anableps..... British Columbia 1979
- Ameca splendens Costa Rica (J. Renton)
- Brachyraphis rhodophora Costa Rica (J. Renton)
- Carlhubbsia stuarti . . Rio Dulce, Nr. Laguna
Ysabel, Mexico.
(Schlosser 1977)
- Cnesterodon camegiei London Aquarium Shop
(K. Dryden)
- Cnestrtonodon decimaculatus. Buenos Aires, Argentina
- Gambusia affinis affinis . . Egypt (SR. Miller 1979)
- Gambusia affini3 affinis Italy
- Gambusia affinis holbrooki . . E.A.S.
- Gambusia panucofound 2km. before Soto
La Marina, Noack 14/11/78
- Gambusia regani ?
- Gambusia sexradiata Ciudad Aleman, Ceracruz
Mexico. (Prof. Anders)
- Gambusia vittata.Rio Axtla, Nr. Cd. Kante
(Dr. Radda)
- Gambusia puncticulata yucatanana ... Belize, British Honduras
(R. Greave Ftb. 1977)
- Gambuaia (unkmown) ... (T. Mayle)
- Girardinus falcatus G.A.S. Hamburg Botanical
Garden*.
- Girardinus metallicus...E.A.S.
- Coodea atripirmis San Juan Del Rio. Mexico
(J. H. Preston)
- Heterandria bimaculata Chetumak, Yucatan, Mexico
- Heterandria bimaculata ... Rio Tabasco, Nr. Teapa,
Mexico.
(Wilkins & Peters 1975)

- Jenynsia lineata* Argentina.
Limnurgus innorainatus Lake in Chapultepp. Bark
Mexico City (J. Preston)
Neoheterandria tridentiger .. Tocumen, Panama.
(Br. Luttenberger 2/77)
Phallichthys amates amates .. E.A.S.
Phallichthys fairweatheri Rio Subin, Guatemala.
(E. Schlosser 1977)
Phalloceros caud. reticulatua G.A.S.
Phalloceros caud. ret. auratus ... G.A.S.
Riallophthychus januaris Lagoa De Freitas, Brazil
(Dr. Bodart 1977)
Poecilia caudofasciatus Haiti
Poecilia chica Rio Purification Talisco
Mexico.
(J. Norton A.L.A.)
Poecilia dominicensis Port au Prinz, Haiti.
Bimuller 1977
Poecilia melanogaster.. G.A.S.
P. micropoecilia raelanozona. J. Norton A.L.A. Dec. 70
P. micropoecilia picta..... Dr. Radda.
Poecilia nigrofasciata... G.A.S.
Poecilia spihenops Puerto Vallarta.
Poecilia perguiae.. Dominican Rep. to the
West of Santo Domingo
Poecilia orri Ambergiscay, near town
of San Pedro.
Poecilia cateraconsinis.... Laguna Catemaco, Veracruz
Mexico. (S. Huilicka)
Poecilia reticulata Peru (Dr. Radda)
Poecilia vitxata (spotted) Cuba
Poecilia vittata (unspotted) Cuba Socolofe/Tampa 7/74
Jenynsia lineata Lagoa De Freitas, Brazil
(Bodart 1977)

- Poecilia vivipara* Lago De freitas, Brazil
(Dr. Bodart 1977)
- Poecilia vivipara*..... George Town, Guiana.
Tammaulipas
(Dr. Radda)
- Poecilia latipunctata*. .Rio Tamesi, M/Mante,
Tammaulipas
(Dr. Radda)
- Poeciliopsis gracilis* (5 spot) ... E.A.S.
(Dr. Radda)
- Poeciliopsis infans* River near Tala, Mexico.
(Dr. Radda)
- Poeciliopsis fasciata*. . Playa Ventosa, Santa Cruz.
(E. Huilicka Feb. 1979)
- Poeciliopsis viriosa* . . Rio Cluedor, Kayriy,
Kezcio.
(Schreiber1976)
- Poeciliopsis catemaco* (10 spot) E.A.S.
- Poeciliopsis* (new unidentified species) Mexico (Hinz)
- Poecilia reticulata* . . Port au Prince, Haiti.
- Poecilia zonata*Rio San Juan, Dom. Rep.
(E. Schlosser)
- Priapella compressa* Aquarium shop in Mexico City.
(J. H. Preston)
- Priapella intermedia* Rio Sarabi,
Mexico(Peters,Hamburg U 64)
- Xiph. montezumae montezumae* G.A.S.
- Xiph. montezumae* Tributary of Rio Axtla,
Mexico (J.H.Preston 1974)
- Xiph. pygraeus pygmaeus* Rio Axtla, Mexico.
(Zander, Hamburg U. 64)
- Xiph. pygmaeus nigrensis* ?
- Xiph. maculatus* Flood plain ditch,
Nr. Tuxtapeç, Mexico.
(j.H.Preston 1979)
- Xiph. maculatus*Rio Yamupa, Mexico.
- Xiph. montezumae cortezi* Rio Axtla, Mexico
(E. Huilicka)

Xiph, signum

Rio Cajmaic Mouke.

(G. Daul 14.3.63)

Xiph. H. strigatus... ..Saldo De Eyipantla,
Veracruz, Mexico.
(E.Huilicka)

Xiph. variatus Rio Nautla, Mexico.
(J.H.Preston)

Xiphophorus xiphidium.....Rio Soto La Karina,
..... Mexico,
.....(Hubbs & Gordon 1952)

Xenophalus umbratilis Costa Rica.
(Ban Fromm Kev Jersey)

Xenotoca eiseni B. Bailey, A.L.A. -
June Renton 1975.

Xenotoca eiseni (barred) A.L.A.

Xenotoca varxata A.L.A.
G. Entlinger 1975.

Xenophorus captivius... ..A.L.A. -
(Dr. Frohlich)

Belenisox belizanus G.A.S.

CULTIVATED STACKS

Xiphophorus maculatus Red Wagtail
Red Wagtail Pintail
Yellow Wagtail Pintail
Mickey Mouse
Red Pintail
Comet
Salt & Pepper Wagtail
Marigold

Xiph. variatus..... Blue Spotted
Hawian
Yellow
Marigold

Poecilia reticulata Top Sword

Write to Ivan with regard to price and availability.

-x-x-x-x-x-x-x-x-x-x-

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S.L.A.G. ACCEPTS NO RESPONSIBILITY FOR VIEWS OR OPINIONS
EXPRESSED BY AUTHORS IN THEIR RESPECTIVE ARTICLES IN THIS
JOURNAL

LAST MINUTE ITEMS

JENYNSIA LINEATA

In the course of the last year, stocks of *Jenynsia lineata* have been introduced and distributed throughout the UK. As far as I am aware, no one has experienced any problems with this fish, however, I would be very interested in having a report on this fish from anyone who is holding stocks.

The origin of these fish was from a collection made by Dr. Bodart in 1977 from Lago de Freitas, Rio de Janeiro, Brazil;

Some of the questions I would like answers to are as follows:-

- 1 Does anyone have both right and left handed males?
- 2 Can any of your females be mated from only one side?
- 3 Does anyone know anything on the genetics of one sidedness
- 4 Have any difficulties been experienced in keeping and breeding these fish, and in what size tanks they have been kept.

Ivan Dibble.

-X-X-X-X-X-X-X-X-

XENOTOCA VARIATUS

Will those members who keep this species please examine the vent of these fish. A case of intestinal worms has been discovered in this species. It appears as one or more worms which look like small tubifex or small fibres, that show at the vent. Watch for a period as they "stretch out" about 1/8" to 5/16" and return into the fish.

At the first sign isolate the fish. If this is not possible, then destroy them as it is very contagious. It can be easier seen in the female of the species and is spread if fry born to an infected female is eaten by another fish.

Mervyn Strange,

-x-x-x-y-x-x-x-x-x-x-

ALL COPY FOR THE JOURNAL TO JOE SUTCLIFFE AT THE ADDRESS

LISTED INSIDE