September 1958

Two shillings

FISHKEEPING

and Water Life



DIAMOND TETRAS (Hemigrammus pulcher)

PRINCIPAL CONTENTS

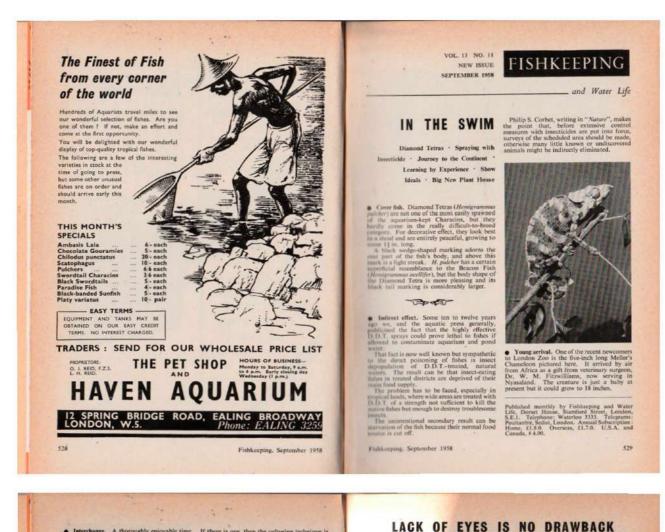
Decorative Aquariums in the Home Spawning Media for Goldfish Ornamental Bamboos Smooth Newt Egyptian Mouthbreeders Corydoras Catfisb



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. 24 -





differences of the odcurs he inhales, earthy, vaguely decaying aroma that with a Blue-green alge invasion is often rat sign that this particular pest will y develop. In fact, it is one of those which, once snifted, is never forgotten, ite Worm or Dwarf White Worm is should have no offensive odour at all.

530

Interchange. A thoroughly enjoyable ting during their Summer visit to Nympha A.S. The British visitors had a full titierary prepared for them as the report on page 558 tells and a mid-August Hendon club meeting 300 colour pictures, taken in Ghent, were shown.
 Ar a result of contacts made during the visit about will be planned for the future.
 On September 20 Hendon celebrates its Stoch meeting with an Assembly, whon Messna A. Cards and C. H. Watter-both Nympha
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• All far plants. Photographs on this p show something of the development program that any strains and the strains late. (Birry fishbour now has a new 60 fit, structure ad side it where tropical aquarium plants propagated in quantity, two a Colin G. Roe, proprio of Shirley Aquatics, who showed the Veiltail at the Midland A. & P.S. exhibitor Aquast 27 to 30. Remarkably, it was caurrent-year (Jannary born) specimen with a development.



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Two specimens of the Blind Cave Fish (Anoptichthys jord

by DIANE SCHOFIELD

Repellent to some, others find the Blind Cave Fish strangely attractive

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Fishkeeping, September 1958

rather than a soft, acid medium. This is undoubtedly due to their native habitat and the limestone found in their caves. While the Bind Cave will live happily in water that is on the soft acid side, it will refuse to propagate its pocies in soch a tank. Through the years I have spawned many thousands of them and it has always been in water with a pH of 7.4, preferably freshly drawn to further stimulate the breeders.

eggs will shower down. This procedure will be becauted until the sides of the female will be becauted to be flat once again. Immediate will be brood fish should be removed. Although the Blind Cave Fish cannot see, it an sense the presence of food, and this naturally includes the eggs. The thick mat of *Myriophyllum* will act as a deterrent, but the fish are very wily and will make a meal of any gegs that they can root out. The female should nere parantion for spawning once again in two to three weeks.

Eggs Non-adhesive

532

THE PETS

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No. 6. SMOOTH NEWT

by ALFRED LEUTSCHER, B.Sc.

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Photograph by Wm. J. Howes, F.Z.S., of a male Common or Smooth Newt (Triturus vulgaris).

but they should be kept apart to avoid cannibalism. Babies will take White Worm, greenfly, very small Earthworms and tiny pieces of meat. Adults will consume almost any animal food of suitable size.

Encourage Hibernation

A final warning. Newts kept active through-out the winter usually show no inclination to breed the following spring. To get them into breeding condition it appears necessary for them to have a period of rest at a low temperature—in other words, a libered in a field or kept in an unheated room during the winter months, taking care to avoid frost.

From My Experience . . .

by R. W. ANDREWS

species. However, the particular case I have in mind concerns just one very fine specimen, *Evalcore-homehan kallopterus*. This fish was housed on its own for several months, its tank being situated in my living-room where both myself and visitors had ample opportunity to admire the fully co-operative front glass display of this not too common fish.

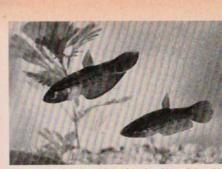
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Effects of Thunderstorm

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Betta picta, one of the Genera which includes the well-known Fighting Fish

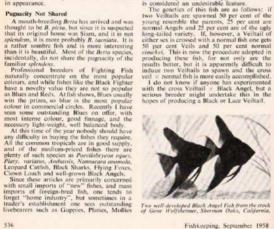
Mouth-breeding Bettas Have Recently Arrived

by P. MILLET

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Fishkeeping, September 1958

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Fishkeeping, September 1958

AQUARIUM FISHES FROM CEYLON



The Giant Donio (Danio malaba ently impacted from Ceston.

No. 4. Species that are to be found in the hill streams

by RODNEY JONKLAAS (Ceylon)

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Stretchy speaking the following risks are previous to the hill streams and rivers of Caselon, excluding the very highest semi timestance in the ball streams and rivers.
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Ceylon to the average English and Continental aquarisi, I am adding to the above list a few of the better-known explore the above list a few of the above the second second second second units out heavy to fourish elsewhere as well. They are: Donion andaban cas, the Giant Danio; Macrogenulus acodevias, the Spiny Lei Barbas surana, the Greater Blackspot Barby Barbas surana, the Greater Blackspot Barby Barbas binaculaus, the Two-spot Barby Gara ecoloneusis, the Sucker or Glass-cleaner.

517

Generally speaking, all the fishes listed her should be kept in large aquariums with any costible. Plants are optional but useful for possible. Plants are optional but useful for possible. Plants are optional but useful for beeding. A neutral to slightly atkluing edit, the hards, as always, me easy to feed many of the stream should be an ideal ford by the streams they live in. The Garras and takeon must have algae which is admost the is almost any of the streams they live in. The Garras and should be artificial. The Spiny Edis act only owners and Earthworms which is admost the should be artificial. The Spiny Edis act only owners and Earthworms which are the business action. Hard to breve the streams they live in the issues that is the issues that is the issues of the attract of the streams they live in the issues that is the pointed snow the streams of the them. The Danies et al input any there which likes to live under rough on the issues that the issues of the should be and input any and the streams they live in the issues that is the pointed snow the pering out, show or antificial. The Expiny Edis act only owners and Earthworms which are the business and the sing the or attribute the low of the should be and the streams they live in the streams they live in the sing the streams they live in the stream streams they live in the stream streams they live in the sing the streams they line the sing they they the s

Fast Growth Rate

\$36

fine gime fish when large. Grows to over 60 lb. Algae Preferred Labos fisheri – A drab grey and bronze Labos with chunky body. Very hard to capture Young are bronzy, elongate with distinct black spot at tail base which is lost when fish is dutt. Grows to over 2 lb, and is hard to capture. Prefers calling algae to any other fisch. Bering to about 1 lb, in weight. Young have to minute dots under the dorsal fin on each die of the body and a large black blob at tail base. Fins are light red when young, paling when larger, Very hardy, fast-growing and voracious.

\$38

ker from recks, boulders, etc., like Loacnes, tver hardy and peaceful. Hard to breed. **Lice on Earthworms** Macrographic generations of the weind for the second second second second second to be second second second second second to be second second second second second to be second seco

ALTERING THE APPEARANCE OF QUARUM PREMANCE OF ALL photographs and diagrams of have been either oblong or square. Changing the shape and size of the front of different appearance to the tank but creates an important of shapes can be used such. Amy amount of shapes can be used such. The appearance to the tank but creates an important of shapes can be used such. The appearance to the star but creates an intervent of shapes can be used such. The appearance to the such but creates an intervent of shapes can be used such. The appearance to the such of the shape of the front punel. The chosen design is hen drawn on it and cut out. Glued to the shapes and the shape and the shapes, out. Wat will be match they received the same shapes and the sam

10s. 6d. Is paid for each hint received from a reader and published in FISHKEEPISO.

Fishkeeping, September 1958

ORNAMENTAL BAMBOOS

Decorative plants for the water garden

by H. G. WITHAM FOGG

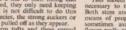
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A. simonii, hardy nutive of China and Japan.



There are three chief Generic names used for the barboos: they are Anadinaria. Phyllo-produce long straight stems with a point sector has somewhat flattmend stems. The sector of the sector of the sector has somewhat flattmend stems. The sector of the sector of the other sector of the sector of the sector has somewhat flattmend stems. The sector of the sector of the sector has barded with the Arandinarias. Generally specific with the Arandinarias for the sector of the sector of the most useful species which have for long been pardens or where spece is restricted there are the sector of the while it is especially pleasing seen near a small Bender Strafed Laves

Slender, Striped Leaves

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Iropical Reflections

THEY ARE SIMPLE PROBLEMS-

but they present difficulties to novices

by DR. F. N. GHADIALLY

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EGYPTIAN MOUTHBREEDERS

"Safe" members of a community tank, despite their aggressive looks

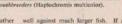
by "OSTREA"



Pair of popular Egyptian Mouthbr

Itiver Nile and its delta. They are rather dumpy, bullet-shaped little fish, rarely exceed-ing 24 inches in length, and give an impressiveness. The female is somewhat larger than the make, and the bones of her head, and lower jaw of the bend is relatively large and protor plants, and think that they look best on the source of the relatively large and protor plants, and think that they look best on the source of the relatively large and protor plants, and think that they look best and plants of the relatively large and protor plants, and do well at a temperature of

Fishkeeping, September 1958





Harlequin Fish- ideal small tropicals for a mixed

years without rusting. For those who can afford it and desire to try a larger one, a tank 3 ft, x 15 in, yould be suitable, but this, 1 feel, is about the maximum permissible size for a beginner. Though it is true that larger tanks are easier to maintain than smaller ones because of the large quantity of water they hold, there are other complicating factors to consider.

they hold, there are other complicating factors consider. Their terrific weight, special planting and laying-out problems, the need for larger fishes to make an attractive display and the difficulty and work involved if the water and gravel are fouled makes very large tanks unsuitable for beginners. There is, as I have pointed out, an optimum size; avoid anything much bigger runch smaller. The setting up of the tank is an easy matter and is described adequately in numerous excellent books. It is, of course, hopeless to start fishkeeping without having first rend at least one or two books on the subject. Community Amaria

Community Aquaria

Community Aquarta The mext question that arises is the type and the provide the second start of the second start of the second start of the second second second starts of the second start of the second second starts of the second starts of the second second second starts of the second starts of the second starts of the second starts of the second second starts of the second starts of the second starts the second starts of the second starts of the second starts of the second starts of the second second starts of the second st

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oct sart off with the more expensive varieties. Local transmission of the same series of

discase is introduced from outside. **Ourrantining New Fish** This can only be achieved by quarantining the second second second second second second may be obtained from text-books on fish-teeping. Until a quarantine tank has been set up, no new fishes should be bought. Failure to observe this rule is the most common cause of beginnens giving up fishkeeping. You cannot go on obtaining fishes indefinitely and placing them straight into your community tank without coming to grief sooner or later.

Fishkeeping, September 1958

such an environment. On the other hand, a very beautiful, penceful tank can be set up with Neons, Glowlights, Harlequins and similar fishes.

fabes. **Points for Gaidance** There are two gaiding principles to follow: (1) see that all the immarks of the tanks are approximately the same size; failing that, at least be certain that no fish is so small that it will form a morsel of livefood for one of the bigger ones, (2) for the best results, at is necessary to keep only fabes of similar tem-peraments together. The graceful, slow-moving full of large Swordtails or Barbs dashing about wildb.

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68:70 deg F. But they can stand up to 30 deg F. Mut they can stand up to 30 deg F. Mut they reliable all forms of livefould have been strained on the strained of the strained of the block worms, as well as baby Guppies—Hut the strained of the strained straine

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Fishkeeping, September 1958

Till. Date is a slim, silvery little fish which for strengely swift in its movements. Its for strenge of the strenge of the strenge the again of the garden pool. It can be kept of the strenge of the strenge of the strenge with the strenge of the strenge the strenge of the strenge of the strenge of the strenge strenge of the strenge of the strenge strenge of the strenge of the strenge of the strenge strenge of the strenge strenge of the strenge of the strenge of the strenge of the strenge strenge of the strenge of the strenge of the strenge of the strenge strenge of the strenge of the

Similarity of Species

Similarity of Species Disce and Chub are very much alike, but to the practiced sey there are recognisable differ-men. Nevertheless, Dace and Chub of similar disc may quite easily be missaken. A Bleak should not be mistaken for a Dace though, though not be mistaken for a bace though, though not be mistaken for a bace though, though not be missaken for a bace though, though not be distinguished from a Chub by its conceive or indented doesd and anal fins, bit the degs of these fins are unmissably misses or outwardly rounded in the Chub A reminder goes : "Curved Chub and dented Disce" I This should help any aquarist to remomber the main difference between the two steres. <text><text><text><text><text><text><text><text><text><text><text><text>

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DECORATIVE AQUARIUMS IN THE HOME

A. F. Baldock explains how to get the best effects in tropical tanks

The cravel Preferred
 Another disadvantage with using very fine states at least.
 Easy to Maintain
 That a clean and healthy condition or sand is that it will, with very little water movement, level itself out in the superstandard or sand is that it will, with very little water movement, level itself out in the superstandard or sand is that it will, with very little water movement, level itself out in the superstandard or sand is that will, with very little water movement, level itself out in the superstandard or sand is that will will with very little water movement, level itself out in the superstandard or sand is that will an advantage with the average-sized to about three incides along the bank, assisted with the superstandard in the outer the superstandard in the superstanda

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The this article I shall deal with aquarium intended for home decoration and not those of the shall deal with aquarium of the shall deal with a gradient in the shore has. I think the shall be the shall deal with a gradient is great standard to go the four main qualities. This is the shore has a bicture, pleasant to foot at and a pleasure to live with. Second the shall be a picture, pleasant to foot at and a pleasure to live with second to shall be a picture, pleasant to foot at and a pleasure to live with second to shall be a picture, pleasant to the shall be a picture, pleasant to the shall be a picture of use and the shore difficult to push out a root system arconad and, in many house, this is the same to be for ever changing the shore the shall to be plants in the shore difficult to push out a root system. The shore difficult to push out a root system arcensary for their healthy growth. The shore the shore difficult opush out a root system arcensary for their healthy growth. The shore difficult is the shore difficult to push out a root system arcensary for their healthy growth. The shore difficult is the shore difficult to push out a root system arcensary for their healthy growth. The shore difficult is the shore difficult opush out a root system arcensary for their healthy growth. The shore difficult is the shore difficult opush out a root system arcensary for their healthy growth. The shore difficult is the shore difficult opush out a root system arcensary for their healthy growth. The shore difficult is the shore difficult opush out a root system arcensary for their healthy growth. The shore difficult is the shore difficu

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the Hyperphilas of the standard of guant factors. Such plants as Cabomba, Ludwigia, Myrio-schlum, Hatzgrass, Limosphild (Ambula) and the more expensive Aponopeton Jonestrality (Loc-leaf Plant) are very lowely in a decorative autorium but under average indoor conditions by may need to be replaced periodically.

Recommended Tropical Aquarium Design

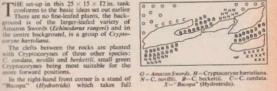
The set-up in this 25 × 15 × 12 in, tank functions to the basic ideas set out earlier formand is of the larger-leaded variety of the centre background. It is a group of Cryste. The cleate between the rocks are planted to contro between the rocks are planted to contro between the rock are p

Fishk ceping, September 1958

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Collecting Rockwork

Collecting Rockwork The you are rock gathering from the stream bed, basch or even from the local landscape gatherer's premises choose your picce car-fully : yr to fai them into a patient or design in your mind's eye. Modiume-intel rocks are men optimises, which inteleven the stream the stream into a stream of the stream the stream into a stream of the stream value and the stream of the stream of the stream into a stream of the stream of the magnatium, askward-shoped rocks will do make them studi of using concrete in your to also forget to cure the correct by soaking in a buch do water for two weeks, changing the water a couple of times during that period.





described by Mr. Baldock. R. Skippe

advantage of any front light which shines monophic theorem is a server but, when the rockwork is of well figured Westmortand, some and it is laid in the trank to form during the server troughs of gravel for the background plants, the gravel being at least three inches deep at the server back. This gravel is or ordinary aquarium type,

An Alternative Arrangement Indianosized piece of grey Devon rock, which Coulded while and black in the devone Cryptocaryse nerilli, behind a low wedge of rock, directly contrasting with the want of the rock. Site dard want, from the same area. Six plant species are used. In the left and right background are four large Amazon



up of the ult out showing the sump in feast.

Fishkceping, September 1958

1

THEY PROVIDE FRY WITH REGULAR FOOD SUPPLIES

by T. PAIN and J. A. WILLSON

A NUMBLE of Apple Snail species, largest freshwater snals, have been success-large receil in tropical aquaria. They have a worldwide distribution within the oppose, being found in Sum, French Indo Orna, the Philippines, the Celebs, the Malay Parinsula, Malay Architegiago, in the four Trenter Sunda Islands, in the Lesser Sunda thants only in Ball, Combok and Sumbawa, India, Burma, Ceylon, Madagasear, tropical Mena, Central and South America, and from Frenda and the West Indies to the Argentine.

Two Distinct Genera

The family Angullaridae, to which these nully belong, is divided into two genera-la found in the old world tropics and Pomaceur America and the West Indies. They may be immunished one from the other by reference the operculum, by means of which the snail in close the aperture of its shell.

a Pila this appendage will be found to asst of a hard calcareous plate, which in a species fits tightly into a groove in the all of the shell. In Pomerca, however, it is and horny and fits well up into the interior 1 a



Pila warnes from the Tana River, Kenya. Light in schure the lines showing the last two years of growth can be clearly seen near the mouth of the shell.

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imen of Pila orbata with opera - Ken

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Source of Infusoria

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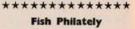
Source of Infusoria Because of their voracious appetite Angul-infate do not make ideal aquarium inmates, ank in a few hours. Kept aloos, hoursables to tank, and an old glass accumulator is simirable, they are a reliable source of infusoria for the fish breeder. Tases snails an be kept at room temperature, although, of course, they cannot stand extreme cold. They can be field on lettice or young dandelion heaves, and will also take cabbage, although when fed on the latter duet they rapidly pollute when the down the latter duet they rapidly pollute of the source of the latter duet they rapidly pollute of the source of the latter duet they rapidly pollute the source of the latter duet they rapidly pollute

the water. When influences one ting inprove positive When influencing are needed the tank containing the snail is brought up to the temperature of the "Typ" tank, and the rise in temperature will increase the snail's activity and appetite, the result being a regular and usbitantial supply of food for the fish fry. On no account should a snail be placed in the tank containing the



Pomacea Canalizata australis from the Rio Parana, Argentina, showing the operation drawn well up into the aperane. Photographs, J. A. William.

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Barred Surgeon

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Fishkeeping, September 1958

JOHN WAKEFIELD

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Easy to Breed

Fasy in Breed It would be most profiliable to anyone having the time, to study and learn all about these tables, so as to be able to beet them equilarly and in quantity, and their that it has been accompliable occurs and the second study of the tables a possible. Many of the Corystems are say to breed, and it is supprising that com-issing the possible of the second study of the complete the possible of the cory-dense have many points in their favour. There are immunicially species to try, most of which are attractively marked. They are not

Fishkeeping, September 1958

says D. B. MCINERNY

BREEDING TROPICAL EGGLAYERS

Corydoras Catfishes in Great Demand More aquarists should breed these interesting scavengers



eache, wer er ne mair attractive Catria. each a Corydoras in one corner of a tank, nolly to run his sharp dorasi spine under the and ached and throbbed for so long afterwards that am convinced that it was not only sharp, to lei it happen again. Cerydoras have another advantage ; they white Spoth as well as "Velved", no doubt because their armour-plating is too impen-bable it amperature too high as a cure, as Carydoras do not like heat and may be the

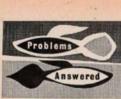
first to soccumb to this treatment. If the importance must be raised remove the selected site the female temperature must be raised remove the surgery of the selected site the female for your selected site of the selected site the female ins, preses her body up undernath a leaf, fins, present and the whole procedure is repeated every langth hours on end. The present will not eat these, but and body up the bier body of the precent links, and are those body up the bier body body the bier body body bod

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Even Temperature Needed

Even Temperature Needed Adjust the thermostat to operate around the deg.F., but do not let the temperature the deg.F., but do not let the temperature the tark, all healthy and searching for food. The tark, all healthy and is three searching for food. The tark, all healthy and is three searching for food. The tark, all healthy and is three searching for food. The tark, all healthy and is three searching for food. The tark all healthy and is three searching for food. The tark sturday or Stunday to that year the presently introduce the breeders, only presently heaving will astin over and the tark sturday or Stunday to the tark structure the formate of around the tark structure presently heaving will astin over and they form a conse-tabaced pooket, and in one they form a conse-tabaced pooket, and in one tark this will be emisting will aladine, moderately hard water-the did theories of thick main presents for this come-tary the leaves of the Cryptowership they form a conse-tabaced pooket, and in one tark this will be emisting will aladine. The tark for this com-text this will be emisting will aladine the deverties of the source of the source of the spectra of the tark structure is the source of the sou

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Destroying Infusoria and Bacteria

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SPAWNING MEDIA FOR GOLDFISH BREEDING

by R. J. AFFLECK, M.Sc.

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Point Scale Goldfish, Photographs on this point by courtery of Tachbrook Tropicals.



Fishkeeping, September 1958

annest Ch

Brandslehead Goldfish, a variety without a dorsal fo

artificial food. The quality of the eggs pro-duced depends on the diet of the female, and in the dependence of the exclusively on artificial foods produce poor-quality eggs. When the selected pair are in breeding condition they should be transferred to the breeding tank and given worsmand wheat-germ food. An experienced aquarist can judge by the vipour of the driving if spawning is likely to excur on the following day but the weather breeding tank the final asy. Spawning usually begins early in the morning of a bright day but cocasionally very ripe find will spawn on a dull day when their activities are not very viporous.

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obviate this, frequent tests should be taken of the water in the breeding tank so that you can be certain the infusoria are not getting the upper hand. Playing with Sea-horses A second of Ages The second of Ages Ages

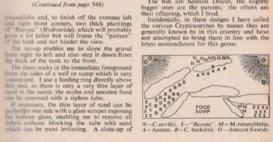
Decorative Aquariums in the Home (Continued from page 548)

Pidskeeping, September 1958



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this sump arrangement is shown on page 548. The fish are Salmon Discus, the slightly bigger ones are the parents; the others are their offspring, which I bred. Incidentally, in these designs I have called the various Cryptocorynes by names they are generally known by in this country and have not attempted to bring them in line with the latest noneneclature for this genus.



Midlands Miscellany by W. L. Mandeville

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News from the North-West by "Aquaticus"

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Fishkeeping, September 1958

Scottish Commentary by K. A. M. Robertson

Fishkeeping, September 1958

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A UGUST is reveally a quier month for aquariants in Social and and very for meetings the half. However, this is the time for the social transmission is the social of the social transmission in the social of the social transmission is a social transmission of the social transmission. The social s

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Federation of Scottish Acquarium Societies' first proving of immense popularity in the Federatism which is the solution of t

South-West Viewpoint by H. C. B. Thomas

South-West Viewpoint by 14, C. B. Thomas M. S. JCK. MASON, of Weston-super-Mark the provide the relation of the use of the source of the source of the source of the source of the provide the provide the source of the sour

Fishkeeping, September 1958

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in of the Walthamstow A.S. 1958 eshibition. To the left is an arranmental good and, to the formished aquarka. Photographic by D. E. Goodbody.







Workers at Walihamitrow making the final arrangements before their August show was opened in the public.

water Furnished Class was A. H. Pringle's carefully planted tank containing Golden Orfe. Members of the British Herpetological Society demonstrated some of their snakes and other replace. Visitors handled them freely and much interest was created.

Beerg wall much instruct was contain.
This promotioners in the 26 classis were: Hammendard models in the second second

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unnoticed to all other than those who keep them under close observation. The way Tarties plat together is studied by the second second second second second training Robert Bauadrich have Chanelcons (C. akiswo) leck their horns in battle. The observations tend to deprove the option of presentially antiperiodic label the deprove the option of presentially antiperiodic label the deprove the option of the second second second leck their horns in battle. The observations tend to deprove the option of the deprovement of the the deprovement of the deprovement of the deprovement of the present second seco

Coming-of-Age at Nottingham

Coming-of-Age at Notingham Wet methods whether and order water the second secon

Keeping in Touch THI several section forming the Federation of Guppy Brocker's Societies run that own affarch taries unfil upped to activities, and the section of the section product of the section of a bright Newsletce. From the Upped Toucher Section Chairman, has been searched between the section of a bright Newsletce. From the section of the section of a bright Newsletce. From the section of the section of a bright Newsletce and Section The Section Chairman, has been searched between the Perspective and the section at Dapathan Section 1972.

Progress in YorkShire Association VARIOLX idea for helping local societies with speaker and using are being sorted on the the Association of Yorkshire Associaties. This heat has used in speaker and the series of the series of the speaker and easily ended information of the speaker speaker and replies are weater of the series for the speaker of the speaker of the series of the speaker winterburn, 15 Woodhail Prace, Thombury, Readford X

revening: further sociation of Betain's construction to the Secretary. Institute of Biology, 41 Queen's Gaia to the Secretary. Institute of Biology, 41 Queen's Gaia **Chamelcons Do Battle** QOKING frough the Bittink Amount of Hermiter QOKING frough the Bittink Amount of Hermiter Bitting and the Secretary of Construction will also be given on current trends in the Revent will also be given on current trends in the Bitting and the secretary of the Secretary of Construction will also be given on current trends in the Bitting and the Secretary of Construction will also be given on current trends in the Bitting and the secretary of the Secretary of Construction will also be given on current trends in the Bitting and the Secretary of Construction will also be given on current trends in the convention secretary. Wr. W. Le Wilson, 57 Contable Garden Secretary of Construction and the Secretary of Construction and the Convention secretary. Wr. W. Le Wilson, 57 Contable Garden Secretary of Construction and the secretary of Construction and the Convention secretary. Mr. W. Le Wilson, 57 Contable Garden Secretary of Construction and the Convention secretary. Mr. W. Le Wilson, 57 Contable Convention secretary. Mr. W. Le Wilson,

Fishkeeping, September 1958

Club Notes & News

Information on instruct to used reports of their activities for publication. Jierra should arrive nulater than September Fi Information insue. Fishkeepers who would like to know the name of their nearest society should write to the Editor.

Body groups were formed at a recent needing of lands 4.8. to investigate and report on "Preparing the second second second second second second to measure and also formed. Winner in the Scott reput relative show was 1.5. Segment. Two new embers-ties the second to any second second second second second to any second second second second second second to any second second second second second second to advantum of Scottinh Agentit Second second second to advantum of Scottinh Agentit Second second second to advantum of Scottinh Agentit Second second second to advantum second second second second second second second to advantum second second second second second second second to advantum second second second second second second second to advantum second second second second second second second to advantum second s Friday, Oct. 10. There will be no meeting in the club that month.

In some of periodent rain members of Leeds A.S. bounds envired their suit to Dadley Zoo last month, the manage Mr. Habley, took the party behind the mean the Aquarium and answered many questions, the further least show are being made and it is hoped are not as the special exhibits, including a pend.

Moving: of Paignton A.S. are resumed on Sept. 9 30 p.m. in the Zoo Restaurant. A full programme treasurancet: Enginese should be sent to Mr. H. M. in our of Paignton Zoo, Devon.

How chairman of the Welsh National A.S. is Mr. L. serm, while the new secretary is Mr. M. E. Lewis, Workeene Road, Cathays, Cardiff.

Fishkeeping, September 1958

The fails and the four of Acciment AS, took fuel as a second of the Carasaka Cd-b. Portnamed, the four of a with the four in a fair four as a second of the four of a with the four in a fair four as a second of the four of a with the four in a fair four as a second of the four of a with the four in a fair four as a second of the four of a with the four in a fair four as a second of the four of a with the four in a fair four as a second of the four of a with the four in a fair four as a second of the four of a with the four in a fair four as a second of the four of a with the four in a fair four as a second of the four of a with th Recent speakers at Houndow A.S. meetings have included Mr. J. E. Edwards and Mr. Katritzky. The fact that meetings are now being held in more pleasant sarroundings has resulted in an increase in membership. <text><text><list-item><list-item><list-item><list-item><text>

Constant module. The August Exploration Bullishing of California A.C. Lux Humes' array and the activities in factors and the Humes' array and by the previous and the wife. On Sept. 10 Outer is an interaction table show with the North Humst dath. Sevent members visited Mr. Roundles full-humes at the ord of July and showed great interest in his targe collection.

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visit to McLynn's Aquarium is being arranged and a try will be going to the Hendon society's film show this

month. • Last meeting of Streathan A.S. took the form of a table show with the Kingstein society at Kingston. Mc. and Mrs. W. Hall's Cartinguial Terrs secured first price, contributing to Streatham's total of 640 points as against Kingston's 633. Meetings will be required this month to discuss arrangements for the remaining content with other discuss arrangements for the remaining and with the remaining to the secure of the secure of the secure of the secure of the secure tables are secure of the s

clubs. Bethnal Green A.S. will be holding a show on Nov. 29 an part of the Borough of Hackney's display at the Kings Hall, Lower Chapton Read, E.S. Show secretary of the aquaria section is Mr. W. Wiegold, 15 Jenkimon House Usk Street, E.2. Entries class on Nov. 1. There are 22 classes in the achediate.

classes in the achedule. The Bristol Coldwater Breeders' Group met on Aug. 1 when a number of 11-week-old Orandos were shown, the majority of which aboved excellent colour. Members propriet good progress with Studwatch, Recisculat veltaals and Orandas and it was stated that the adverted of possing and locating preventing fishes had worked

of pooling and loaving prizewinning finhs had worked very well.

 Winners of Functures-Diploment at speer dis-solution of the second available of the second second second second second available of the second second second second second second for best fields in a show as the Rught Auauristic second for best fields in a show as the Budgh Auauristic second for best fields in a show as the Budgh Auauristic second for best fields in a show as the Budgh Auauristic second for best fields in a show as the Budgh Auauristic second second second second second second second second test for the second second second second second second in Class at the same second.

Yeovil A.S. Outing

Yeovil A.S. Outing ANNUAL output of the Yeovil AS. Just her form of a highest, After line in the party proceeded to the Highland Water Cardona at Rechargement of the Term of a method. The final the party proceeded to the Highland Water Cardona at Rechargement of the term of the opportunity of seven that in the collections. The fourth annual table show in July was the most consecutif even the July are built in the Collections. The fourth annual table show in July was the most consecutif even the July are built in the opportunity of the term of the state of the term of the term consecutif even the July are built on the term of the term line and the state of the term of the term of the term line and the state of the term of the term of the term line are state with include an exclusion and the Yori!

Future agricults water se arouse c ater fish, ure activities will include an exhibition at the Yeovil itural show on Sept. 11. Both tropical and cold-sections are beging catered for and it is hoped to e considerable interest among visitors. 1958 British Aquarists' Festival

1525 DITUS AQUATISS FEMALA PROMITED by the Federation of Northern Aquarium files year on Nov. 8-7. Venue is the new exhibition half. Beilt War Gonton, Marchenter, The event is an open society show, anotypoting individual competition by society show. Gene W. Coske, Spring Grove, Field Hill, Bathy, Yosk.

2 JUNCTION RC	HENRY STRONG	Telephone 2778
	H. COLDWATER FISH, PLANTS	
Acara Blue	Botia Macracantha	Sunset Platies, good
Apistogramma Agassizi	Blue Gularis	Rasbora Borapetensis
Apistogramma Ramirezi	Festive Cichlids	Nanndatomas Anomalus
Apistogramma Reitzigi	Fighting Fish	Nannostomus Trifasciatus
Apistogramma Ornatipinnia	Firemouth	Neolebias Ansorgi
Angel Fish	Flame Fish	Neon Fish
Australian Rainbow	Flying Fox	Orange Chromide
Barbs, Tiger	Giant Danio	Paradiae Fish
Barbs, Cherry	Glass Catfish	Panchax Chaperi
Barbs. Checker	Glass Fish	Pearl Danio
Barbs, Nigger Barbs, Nigger	Glass Tetra	Pearl Gourami
Barbs, Rocy	Glowlight Tetra	Pelmatochromia Kribensis
Barba, Schuberti	Guppy	Penguin
Bescon Fish	Green Rivulus Green Swontrail	Perma-Black Mollie
Belgian Flag Tetra		Platy Variatus
Black Mollies, Sailfin	Harlequin Catfish	Platinum Tetra
Black Platy	Harlequin Marcher Fish Silver	Playlairs Panchax. Plecostomus Plecostomus
Black Angels	Head Standing Fish	Plecostomus Plecostomus Puicher (Hem)
Veiltail Angels	Hyph Costallo	Pristalla Riddlai
Black Swordtail	Hyph Griemi	Red Nove Tetra
Black Widow	Jewel Fish	Red Platies
Black-lined Tetra	Keyhole Cichlia	Red Swordtail
Black-banded Sunfish	Leeri Goorami	Red Finned Tetra
Bloedfin	Lemon Tetra	Red Tailed Black Sharks
Bivittatum Brooze Catfish	Leonard Catfish	Red-Eved Red Swordtails
Bumble Boes	Lemon Wagtail Platies	Rosaceus
Corydoras Rabauti	Lyre Tails (Blue)	Seissortail
Corydoras Julii	Lyre Tails	Sigmese Fighting Fish
Corydoras Punctatus	Malayan Angel Fish	Silver Tips
Corvdoras Aeneus	Marbled Hatchet Fish	Spotted Danio
Coryderas Agassizi	Mollies Sailfin	Thick-Lipped Gourami
Cardinal Tetras	Mollies Shortfin	White Cloud Mountain Minnov
Copeins Arneldi	Moon Platies	X-Ray Fish
Dwarf Gourami	Mouth Breeding Fish	Zebra Danio
Feetival Platies	Blue Gouramies	Veiltails Moors (COLDWATER)
Barbus Arulius	Lineatus	
Barbus Hexazona	Hump-backed Limia	Orandas

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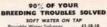
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