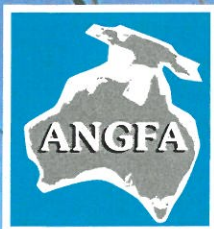
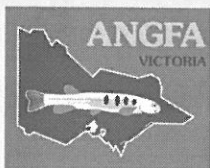


AUSTRALIA NEW GUINEA FISHES ASSOCIATION

INCORPORATED



**NATIONAL CONVENTION
APRIL 23-24 2005
MELBOURNE AUSTRALIA**



The 2005 Convention is proudly hosted by:
ANGFA Victoria Regional Group

CONVENTION PROGRAMME

FRIDAY APRIL 22

Evening Programme:

- 7.45 ANGFA Regional Reports (all members and visitors welcome).
- 8.15 ANGFA Happy (Half) Hour (after conclusion of above meeting).
- ANGFA Victoria invites all ANGFA members to join us at the bar for our "Happy (Half) Hour". All drinks (beer, wine and soft drink) will be supplied for 30 minutes. Your chance to socialise and meet old and new friends before the Convention proper.

SATURDAY APRIL 23

Morning Programme:

- Session Chair: Neil Armstrong (ANGFA Vic.).
- 8.00-9.00 **Registration & Coffee.**
- 9.00-9.30 **Convention Opening.**
- Special Convention Opening Video followed by Special VIP Presentation and Welcoming Speech by Neil Armstrong and ANGFA National President Dave Wilson
- 9.30-10.15 **Mike Hammer – "Get Out There and Find Stuff".**
- 10.15-10.45 Morning Tea
- Session Chair: Ron Bowman (ANGFA Vic.).
- 10.45-11.45 **Franz-Peter Mullenholz –**
1: "ANGFA Horror Picture Show"
2: "The Days After"
3: "Expedition to Namibia/Botswana"
- 11.45-12.30 **Gunther Schmida – "Unkle Gunther's Aussie Fish Show".**
- 12.30-2.00 Lunch.

Afternoon Programme:

- Session Chair: Glenn Briggs (ANGFA Vic.).
- 2.00-2.45 **Steve and Aimee Brooks – "Kiss the Fish".**
- 2.45-3.15 **Jim Rabba – "The Fish of The Americas and Borneo".**
- 3.15-3.45 Afternoon Tea.
- Session Chair: Neil Armstrong (ANGFA Vic.).
- 3.45-5.15 **Heiko Bleher – "Voyage and collecting on the Southern Moluccas with new discoveries in 2004".**

Saturday Evening Programme:

- 5.30-6.00 **Pre-Dinner Drinks.**
- 6.00-7.15 **Convention Dinner**
(Optional at Cilom's Restaurant).
- 7.15-10.15 **Auction.**
Conducted by John Cousins.
Auctioneers: Glenn Briggs & Andy Wattam.

SUNDAY APRIL 24

Morning Programme:

- Session Chair: Damian Walsh (ANGFA Vic.).
- 8.30-9.00 Registration & Coffee.
- 9.00-9.15 Opening Sequence.
- 9.15-9.45 **Kwai Chang-Kum – "Frogs and Microchips".**
- 9.45-10.15 **Phil Littlejohn – "A Layman's Encounters With The Genus Euastacus of Victoria".**
- 10.15-11.00 Morning Tea
- Session Chair: Heidy Rubin (ANGFA Qld.).
- 11.00-12.00 **John Seyjagat – "Animal Planet Australia – Wild Extremes".**
- 12.00-12.15 **"Special ANGFA Presentation"**
- 12.15-1.30 Lunch.

Afternoon Programme:

- Session Chair: Ken Smales (ANGFA Vic.).
- 1.30-2.00 **Mal Davidson – "Aquatic Blackworms".**
- 2.00-2.45 **Dr Paul Sinclair – "The Murray River".**
- 2.45-3.30 Afternoon Tea.
- Session Chair: Andy Wattam (ANGFA ACT.).
- 3.30-5.00 **Heiko Bleher – "Collecting fishes in Kyrgyzstan at altitudes up to 4000m!".**

SUNDAY EVENING:

- 5.30-6.30 Rest & Recovery & Pre-Dinner Drinks.
- 6.30 Wind-Down Dinner –
(Optional at Cilom's Restaurant).

MONDAY APRIL 25 PROGRAMME:

- 10.25 Assemble front entrance at Melbourne Zoo (see further details this outing on page 10). Also see page 10 for information on Fish Widows' Tours.



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CONVENTION ORGANISERS

The 2005 ANGFA National Convention has been organised by the ANGFA Vic Committee with special thanks to Jennifer Palmer for helping to organise sponsorship.

The support of our sister clubs and their committees, sponsors and members also deserves special mention. Without their support and help our task would have been just that little more difficult.

Mention should also be made of Mark Toothill and the staff at Ciloms for their enthusiastic help and support in helping to ensure this Convention will be a success.

Royal Melbourne Zoo, together with Noel Harcourt, are also to be thanked for helping organise our post-convention outing on Monday ensuring our overseas, interstate and local visitors see one of the major highlights of Melbourne.

This publication has been designed and produced by Ken Smales. Special thanks to Maurice Austin for use of his "Lagoon" image throughout this publication.

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SPECIAL NOTICE:

ALL MEMBERS AND VISITORS TO THIS CONVENTION ARE REQUESTED TO ENSURE THAT MOBILE PHONES ARE SWITCHED OFF DURING CONVENTION PRESENTATIONS.

WELCOME!!

Please use this weekend to exchange information and make new friends and contacts.

Use the pages at the back of this Souvenir Convention Booklet to record their names and addresses.

Take notes, ask questions.

This is a unique opportunity to increase your knowledge of our aquatic environment.

Please join in and enjoy yourself



HEIKO BLEHER

About Heiko Bleher:

Heiko Bleher is one of the best known aquarium fish collectors in the world. Heiko travels the world seeking new fish, and has had many varieties of fish named after him, including *Chilatherina bleheri*, so beloved of rainbowfish enthusiasts.

Born in war torn Germany in 1944, into a family with a history of collecting aquatic plants and fish, Heiko followed on from his grandfather and mother in developing Frankfurt's largest aquatic plant and fish establishment.

Heiko spent much of his youth in Rio de Janeiro and the Brazilian interior with his Mother and siblings. Fluent in seven languages, he has authored articles which have appeared in more than 100 publications, including *Aqua Geo* which he set up himself to highlight studies of aquatic environments worldwide.

Heiko uses the "Heiko-mobile", a go-anywhere vehicle, built to his specifications, in quests to the last unexplored places on earth that may reveal new aquatic species. His expeditions into New Guinea have provided us with much of the knowledge of New Guinea species we have today.

Heiko's Presentations:

Heiko will do 2 presentations – one on Saturday, one on Sunday.

Presentation 1:

"Voyage and collecting on the Southern Moluccas with new discoveries in 2004".

Heiko will take us on a sailboat cruise to the Aru Archipelago in the Arafura Sea, with insights into the wildlife and peoples of the region. He also will recount his experiences of visiting neighbouring islands such as Pentar and Wetar in the Lesser Sunda Islands, which are located in the Banda Sea. These islands are also now known as the Maluku Islands, and are part of Indonesia, located between East Timor and Irian Jaya.

Presentation 2:

"Collecting fishes in Kyrgyzstan at altitudes up to 4000m!"

This is Heiko's very latest expedition to "God's land". Kyrgyzstan is in Central Asia, a country formerly part of the USSR. Its neighbouring countries include China and Kazakhstan. It is a land which partly still not has accepted money as a form of payment. It is also seemingly a land where people stay healthy forever.

STEVEN & AIMEE BROOKS

About Steven & Aimee Brooks:

Steven has been keeping native freshwater fish since he was a child and went on to study fisheries biology at Queensland University of Technology. He graduated with a Bachelor of Science in 1988 and has been employed as a Fisheries Biologist for DPI Queensland since 1990. For the most part of the last 14 years Steven has worked on various aspects of the stocking program for recreational fishing in Queensland dams, undertaken an extensive research project on the ecology of Queensland lungfish and fisheries resources of the Burnett River and has also been involved with general aspects of freshwater fisheries management in Queensland.

Aimee studied Sports Science in 1987-88 and went on to work as a Sports Co-ordinator for the Sunshine Coast Police Citizens Youth Club until 1991 when she married into the "fish business". Together they now run a successful native fish farm in Wamuran, Queensland.

Steven & Aimee's Presentation:

"Kiss the Fish"

This presentation is an overview of the simple methods Steven and Aimee have employed to breed and raise rainbowfish, blue eyes and grunters on their farm.



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KWAI CHANG-KUM

About Kwai Chang-Kum:

A keen aquarist, Kwai Chang-Kum represents the younger generation of ANGFA member, who not only has an interest in native fish species, but also has a passion for all native aquatic flora and fauna. As a zoo keeper at the Werribee Open Range Zoo for over 10 years, Kwai has followed his desire to help all creatures, growling grass frogs in particular. He has seen and studied the effects first-hand that introduced species of fish, such as gambusia, can have on native populations. For example, mosquito fish will eat the fins off tadpoles so they cannot swim. As part of the frog research team, Kwai is helping with the survival of this critically endangered species.

Kwai's Presentation:

"Frogs and Microchips"

Werribee Open Range Zoo is a leader in the field of frog conservation and is the only zoo in the world that does research on the endangered growling grass frog. As part of this research, Werribee Zoo keepers Kwai Chang-Kum, Leam Smith, Heath Butler and Prue, have been counting growling grass frogs for the past seven years. As part of the team, Kwai has been finding and fitting microchips to the frogs, which live naturally on the property.

The growling grass frog was once the most common frog in western Melbourne, but today its numbers are dwindling. Habitat loss, chytrid fungus, and the thinning ozone layer have combined to reduce the frog population to an endangered level. There is just one step between endangered and extinct – critically endangered – and it is this step the research group are trying to stop. Little is known about the species except its population decline.

Last year the frogs were micro-chipped, when the frogs are recaptured, they are scanned with a microchip reader and their position plotted on a hand-held global positioning system. Kwai will give insights into the research and practical findings of this project.

MAL DAVIDSON

About Mal Davidson:

Mal Davidson is the only commercial producer of the "Black Worm" in Australia and pioneered the system for growing them in Australia. After spending 21 years in the Australian Army, Mal and family moved from Sydney to buy a small trout farm at Beechworth. He produced approximately 20 tons of fish per year and also sold fingerlings for restocking waterways and farm dams. He also experimented in producing yabbies in commercial quantities and produced **Euastacus armatus** [the Murray Crayfish] on an experimental basis to ascertain their suitability for culture. His venture into aquatic worms was started when a fish wholesaler asked to collect the worms from the trout grow-out ponds. That was 17 years ago and now he produces no fish but does produce over 250 kgs of worms every week of the year and has plans to increase to 400 kgs per week.

Mal's Presentation:

"From Fish To Worms"

If you look in most "fish" books under Live Foods, tubifex worms usually get a mention, and usually not a very complementary one. The main criticism of this worm is its lack of cleanliness and it is often referred to as the sewer worm. The aquatic worm Mal has specialised in growing is not the red Tubifex worm but the black worm (**Lumbriculus variegatus**). With absolutely nothing written on the commercial growing of any type of aquatic worms, Mal has developed what he believes is the best system anywhere in the world for growing large quantities of worms that would meet the most stringent hygiene conditions that anyone could wish for. This presentation will tell how a small tourist orientated trout farm changed from growing trout to producing over 12 tons of aquatic worms per year.



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MIKE HAMMER

About Mike Hammer:

CRC for Freshwater Ecology, School of Earth and
Environmental Sciences DP312,
The University of Adelaide, Adelaide, SA 5005.
Email: michael.hammer@adelaide.edu.au

Michael is currently in the final year of his PhD project being undertaken at the University of Adelaide and the SA Museum looking at the conservation biology of fishes in southern Australia. He has published numerous recent reports and articles detailing the distribution and environmental requirements of native fish in South Australia, and a key area of his research involves documenting the spatial genetic structure of native fish as a basis to conservation and theoretical understanding. An interest (obsession) in native fish stemmed from a general appreciation of nature and keeping local native fish in aquariums, and is driven by the critically low level of information and protection for native fish in many areas.

Mike's Presentation:

"Get out there and find stuff!"

The role of ANGFA in documenting aquatic biodiversity"

Even though we are well into the new millennium there is still much to be learnt about Australia's aquatic inhabitants. This presentation discusses a recent review in South Australia which provides a catalogue of fish species in different drainage divisions of the state as an updated basis for research, management and species conservation.

Despite South Australia's reputation as 'the driest state on the driest inhabited continent', it harbours a remarkable diversity of aquatic habitats, from small desert mound springs to extensive wetlands, and from intermittent streams to lowland rivers (River Murray, Cooper Creek).

There is a correspondingly rich freshwater fish fauna with published data, recent surveys and a review of museum specimens yielding a list of 84 fishes for the state. There are 58 native species (44 restricted to freshwater), including seven endemics, and 26 alien species. Three new records (fleyspecked hardyhead, mud galaxias, spotted galaxias) are reported, with additional notes on a terapontid of uncertain status, and range extensions are reported for Yarra and southern pygmy perch and Murray Darling carp gudgeon.

Extirpations appear confirmed for Chanda perch, southern purple-spotted gudgeon, trout cod, Murray galaxias and Australian grayling. The alien barrumundi, sleepy cod and Australian bass are recent additions to the state fauna, and there are

numerous other regional translocations (e.g. Murray cod, Midgely's carp gudgeon, Murray rainbowfish, dwarf flathead gudgeon).

Some genetic work is also included to further highlight the need to uncover and protect local populations of native fish, even those considered to be wide-spread and common.

There is a key role for the interest, enthusiasm, expertise and passion of ANGFA members in documenting patterns of distribution for our native fishes, before it's too late.

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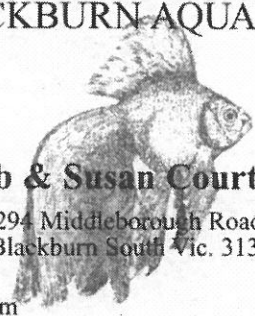
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PHIL LITTLEJOHN

About Phil Littlejohn:

Phil has had a strong interest of all things in nature all his life. His main passion is aquatic organisms, with particular emphasis on Victorian aquatic eco-systems. A major focus of his hobby is freshwater crustaceans, and one of his goals is to collect and photograph all known Victorian species. This has given him the enjoyable activity of travelling to most parts of Victoria in his collecting endeavours.

Recently buying his own home has also given Phil the opportunity to breed and study these fascinating but poorly understood animals.

Phil works at Aquarium Industries in Melbourne, where he has been employed for the last 25 years. With a strong all round knowledge of aquarium husbandry, he is a specialist in water management and disease control in aquaria.

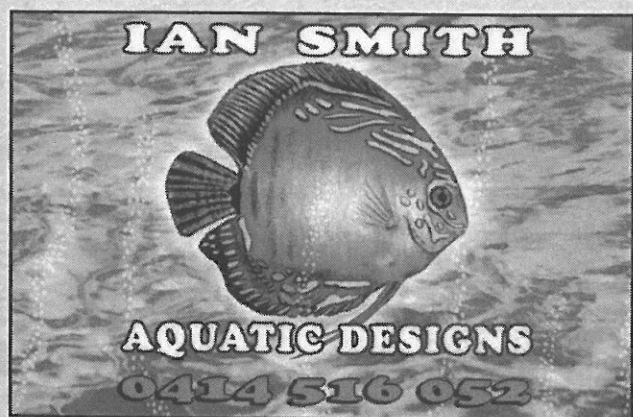
Phil's Presentation:

"A Layman's Encounters With The Genus Euastacus of Victoria"

With all our wealth of freshwater crustaceans that inhabit Australia, the genus Euastacus are some of the largest on the planet and some of the most impressive. They are commonly called prickly backs or spiny crayfish, because they are armoured with spines. With approximately 40 species, these powerful creatures habitat range occurs in the cooler waters of eastern Australia from South Australia through to Queensland.

Trying to gain information about them is difficult. Most are poorly studied, with many species rarely, if ever, photographed. With this in mind, it has been Phil's hobby to collect for photographic purposes, every Euastacus species in Victoria.

The slides presented will be a photographic example of all known species of Euastacus that inhabit Victoria. The presentation will briefly outline points of identification, distribution and habitat.



FRANZ-PETER MULLENHOLZ

About Franz-Peter:

Franz-Peter has become a regular visitor to the shores of Australia having visited here on many occasions with his travelling partner and wife (Ulli). He lives in Germany where his occupation is an EDP Project Manager.

Franz-Peter has been a keen fish keeper for nearly 40 years and specialises in Guppies and Australian Rainbows. Franz-Peter is a member of the International Rainbow Study Group (IRG) which is a European based Australian and PNG Rainbow group.

As a hobby photographer he is a member of a specialised aquarium association in Germany known as **Fisch Knipser Koln** (Fish photographers Cologne). This group's main aim is to create and present multi-vision presentations of aquatic related subjects using up to sixteen projectors.

Franz-Peter has made many journeys around the world to catch fish, find water plants, make contact with people from those countries and then return home to give a slide show about his journeys.

Franz-Peter still struggles with the English language (and, in particular, the way Australians speak it) and has requested his good friend, Gunther Schmida, to do the commentary for his presentations (3). As usual, Franz-Peter's presentations will be backed with "beautiful" music. This will be his first presentation to an Australian audience using "electronic computer images".

Franz-Peter's Presentations:

1: "ANFGA Horror Picture Show"

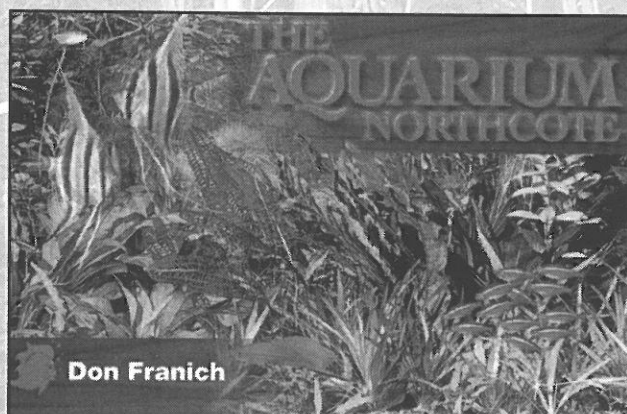
A good starter presentation of about 3 minutes duration comprising beautiful music and pictures.

2: "The Days After"

A 15 min presentation of a trip Peter and Ulli journeyed on after the 2003 Brisbane Convention.

3: "Expedition to Namibia/Botswana"

A 20 min. presentation of a trip to Namibia/Botswana undertaken in January 2004.





JIM RABBA

About Jim Rabba:

Jim Rabba has travelled extensively around the world including Australia, Africa, Antarctica, New Zealand, Papua New Guinea, the Americas and Malaysia. He travels for the greater experiences of meeting new cultures, inspired landscapes and enthralling wildlife. Jim has kept a large variety of native and exotic wildlife as pets, including reptiles, amphibians, birds and of course, fish. He has had an interest in Australian Native Fish ever since early childhood, and has been a member of ANGFA for some ten years. As an amateur naturalist, Jim Rabba pursues his interest at every opportunity.

Jim's Presentation:

"The Fish of The Americas and Borneo"

Jim Rabba's recent trek around The Americas and Borneo provides the background for this informative presentation. Jim will relive some of these fascinating aspects of his travels, including the time when he snorkelled amongst nature's own aquarium. With such a bowl of bio-diversity he will provide us with images and experiences, coupled with an informative and laid back presentation style, there will be something new and entertaining for everyone.



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JOHN SEYJAGAT

About John Seyjagat:

Curator Australian Exhibits

The National Aquarium in Baltimore, Maryland, USA

Born in Trinidad West Indies, John Seyjagat started his animal management career at the Emperor Valley Zoo, Port of Spain, eventually being appointed Head Keeper in 1980, a position he held for 10 years. John, with the guidance and approval of the zoo's Director and Zoological Council, transformed the zoo into a local treasure highlighting the many native species of indigenous fauna.

In 1988 he was presented with an award for outstanding contribution to natural history preservation by the Trinidad and Tobago Tourist Bureau.

In 1990 he left the Emperor Zoo and migrated to the USA where he started out as Head Keeper at the Lubee Foundation Inc. 1993 saw John appointed Director of the Lubee Foundation and under his direction he turned the institution into the world's most renowned centre for Old World fruit bat conservation with the most diverse bat collection in captivity and 5 field stations situated around the world.

In 1995 the Lubee Foundation was awarded the American Zoo Association's (AZA) most significant contribution to bat conservation and John Seyjagat was presented the AZA's Bat TAG's award for most outstanding service.

John left the Lubee Foundation in 2003 and joined The National Aquarium in Baltimore to get back into animal management, mainly reptiles and aquatics.

As the Curator of Australian Exhibits he is responsible for the operations of NAIB's soon to be opened new exhibit "Animal Planets Australia - Wild Extremes". His responsibilities include the procurement and management of a very diverse animal collection indigenous to Northern Australia including a handsome fish collection.

The exhibit proposes to display some 40 species of fresh water species numbering over 1000 specimens. The exhibit would display such jewels as Empire gudgeons, numerous species of Rainbow fish, blue eyes, hardy heads and giant glass fish. The exhibit represents a northern river gorge and the evolution and adaptation of the northern fauna as it faces the extreme conditions from drought and fire to flood. The exhibit is also a platform for the development of partnerships for conservation, research, education and training.



GUNTHER SCHMIDA

John's Presentation:

"Animal Planet Australia – Wild Extremes"

The challenges encountered in developing an Australian River Gorge Exhibit at The National Aquarium in Baltimore

Australia is well known for its unique flora and fauna. As a resulting of the continent's 200 million years of geological isolation, its more than 100,000 species are endemic and can be found no where else. Australia, the sixth largest country in the world is very flat, with low mountains and rivers occurring on its eastern, northern and western edges and the interior very dry and largely deserts. Australia's climate is quite extreme varying from torrential monsoon rains resulting in extensive floods, to severe drought giving rise to widespread fires.

After an extensive exhibit feasibility study for its expansion plan, The National Aquarium in Baltimore selected Northern Australia as its newest exhibit. The exhibit entails recreating a river gorge and gallery forest ecosystem in an engineered glass pyramid. The exhibit features Australia, the water challenged continent and the adaptation of its fauna to survive in such harsh and extreme environments.

The very vertical 65,000 square feet expansion project incorporates high standards of exhibit craftsmanship, animal welfare, conservation education, and visitor satisfaction for accuracy and believability. The display component features more than 70,000 gallons of aquaria and a dry gallery forest. The animal collection plan includes freshwater fish, reptiles, birds, mammals and invertebrates numbering more than 225 species and 2000 specimens. The exhibit boasts color, uniqueness, movement, noise, variety, immersion experience and numerous storylines. The exhibit is designed to allow the visitor to step into an accurately recreated remote river gorge at the beginning of the rainy season and experience native culture, unusual plants and animals and their adaptations and strategies to survive in a harsh land of little water and intense heat.

NAIB's Australian exhibit presented a number of opportunities and challenges. The opportunities are species diversity, exhibit originality, destination popularity, engagement, structural and climatic compatibility and cost effectiveness. The challenges are exhibit space, cryptic species color, environmental parameters, animal acquisition, and animal holding. NAIB's Animal Planet Australian – Wild Extremes exhibit is 75% completed and scheduled for opening in the fall of 2005.

About Gunther Schmida:

Based at Mudgeeraba, behind the Gold Coast in Queensland, Gunther Schmida is renowned as one of Australia's leading wildlife photographers. His photographs are published worldwide in leading magazines, and accompany many scientific publications.

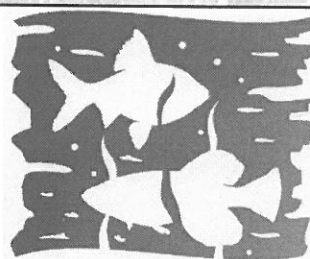
Gunther grew up in Braunschweig, Germany, and developed his lifelong interest in wildlife at an early age, keeping tropical fish from his teens, and taking up SCUBA diving and photography before moving to Australia in 1965.

He travelled throughout the country, settling for some years in Sydney where he co-authored the well known **Australian Freshwater Fishes**, and his solo publication **The Cold Blooded Australians**. His most recent publication is a book entirely on "Rainbowfishes" in the German language. Gunther continues to build up his collection of photographs of not only fishes, but frogs, reptiles and a vast range of creatures and their habitats and in preparation for a likely Volume 2 of **The Cold Blooded Australians**. Gunther spent six months in the central western area of Queensland (mainly Mt Isa) working but in his spare time he was sampling and photographing some of the local fish of the area as well as reptiles, amphibians, etc.

Gunther's Presentation:

"Unkle Gunther's Aussie Fish Show"

A guided tour through a collection of about 100 slides of rare and beautiful native fish seen from the perspective of that famous ANGFA photographer Gunther Schmida and presented in his usual laid back style.



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Dr PAUL SINCLAIR

About Dr Paul Sinclair:

Dr Paul Sinclair is the Director of the Healthy Rivers Campaign at Environment Victoria. He is a founding board member and currently chair of Waterkeepers Australia, a not-for-profit organization that supports a national network of community groups who are working to protect Australian waterways. Dr Sinclair is also an honorary Research Fellow at Melbourne University's Australian Centre. His book **The Murray: A River and its People** was published by Melbourne University Press in 2001.

Paul's Presentation:

"The Murray River"

The Murray River is of vital importance to Australia and affects so many communities throughout this land from recreation and commercial points of view. Paul's presentation will cover many of these aspects. Paul heads up the The Healthy Rivers Campaign. It relies on a volunteer network operating throughout Victoria. Campaign members lobby political parties and develop policy with the aim of protecting freshwater ecosystems and building sustainable communities.

Melbourne Zoo Information

Royal Melbourne Zoo is regarded as one of the world's top zoos. It is situated in Elliott Avenue in Parkville and is easily accessible by public transport. All ANGFA members and visitors to the ANGFA Convention are invited to attend this outing. Featured will be a special guided tour of the Zoo by Noel Harcourt, Zookeeper, ANGFA member and ex President of our group. Noel is conducting a number of behind the scenes tours (eg Platypus, Lions, etc.). These exhibits are normally out of bounds to the general public. We have access to the zoo for the day so be prepared. Comfortable walking shoes are recommended. Take your own lunch or purchase same from the Zoo's Bistro.

It is not known at time of going to print whether an admission discount will apply but normal admission prices are \$20 per adult, \$9.50 for children. Other normal concession prices apply for those eligible. Bookings not essential but best if ANGFA Treasurer is notified by people who intend to be in attendance. Assemble at Zoo's Front Entrance at 10.25 am for 10.30 admittance. This should be an interesting and enjoyable experience for all attendees. Don't miss out!!!

Fish Widows' Tour

Catering for spouses who do not intend to be in attendance at main convention. All are invited. This group will decide on day what activities are to be carried out. Shopping, sightseeing, touring, etc. All attendees are requested to assemble at 9.30 am at front entrance foyer of Ciloms Motor Lodge and Convention Centre. A mini bus (courtesy of Ciloms) will transport group to a local tram or bus stop where group will travel to decided destinations. Comfortable walking shoes and attire are recommended. No fees apply for this trip but bulging purses are recommended.

Further information can be obtained from ANGFA Treasurer. Bookings not essential but recommended as Ciloms Courtesy Bus has limited seating.

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The magazine dedicated to the Tropical Fish Enthusiast, ANGFA is mentioned every month in the Specialty Societies department. Rainbows and Australian natives are often featured. Articles of interest on fish from around the world, published monthly. Enquire at your local aquarium shop or go to www.famamagazine.com for subscription details. Phone: +1 626 355 1476

Aquatic Gardeners Association

An international group of aquatic plant enthusiasts that appeals to beginners and experienced hobbyists alike. Their quarterly journal is called 'The Aquatic Gardener', an English language journal devoted to aquarium plants. Enquire at your local aquarium shop or go to www.aquaticgardeners.org for membership details.

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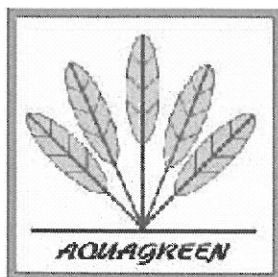
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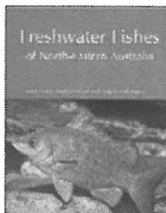
Essential Resources from **CSIRO PUBLISHING** for members of ANGFA

Freshwater Fishes of North-Eastern Australia

Brad Pusey, Mark Kennard & Angela Arthington

This book provides details of the ecology, systematics, biogeography and management of 79 species of native fish present in the region. It includes detailed information on their identification, evolutionary history, breeding biology, feeding ecology, movement patterns, macro-, meso- and micro-habitat use, water quality tolerances, conservation status and threats, as well as environmental flow and management needs.

2004 CSIRO PUBLISHING 0643069666 700 pp
illust hardback RRP AU\$89.00
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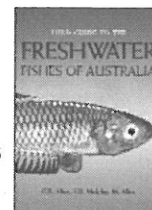


Field Guide to the Freshwater Fishes of Australia

GR Allen, SH Midgley & M Allen

This comprehensive volume provides in-depth coverage of nearly 300 species of freshwater fish. Full colour illustrations complement the concise summary of biological knowledge. Each species has a colour image, distribution map, details on general features and identification as well as habitat and status information.

2002 WA Museum 0730754863 410 pp
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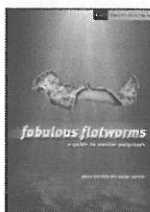
Fabulous Flatworms

A Guide to Marine Polyclads

Leslie Newman & Lester Cannon

This CD-ROM enables users to learn about hundreds of marine polyclads, commonly known as flatworms. Over 1200 colour photographs showcase the diversity of patterning and colour found across some 400 species from around the world. For each species there are notes on appearance, size, habitat and distribution. A section on look-a-likes explains how to distinguish them from the more well known, but unrelated nudibranchs and other animals.

February 2005 CSIRO PUBLISHING/ABRS
064306964X CD-ROM AU\$69.95

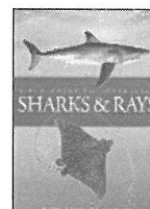


Field Guide to the Australian Sharks and Rays

RK Daley, JD Stevens, PR Last & GK Yearsley

Australia has a diverse shark and ray fauna, with more than 300 different species found in our waters. This guide has been developed so that readers can identify the main Australian target and bycatch species of sharks, rays and chimaerids. It includes full colour illustrations, distribution maps and descriptions, which will be of interest to divers, naturalist and students in aquatic science.

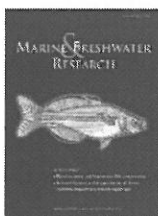
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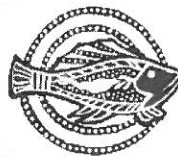


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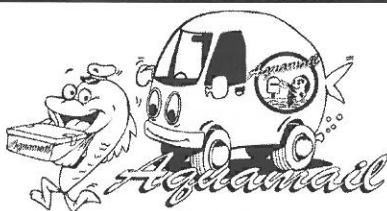
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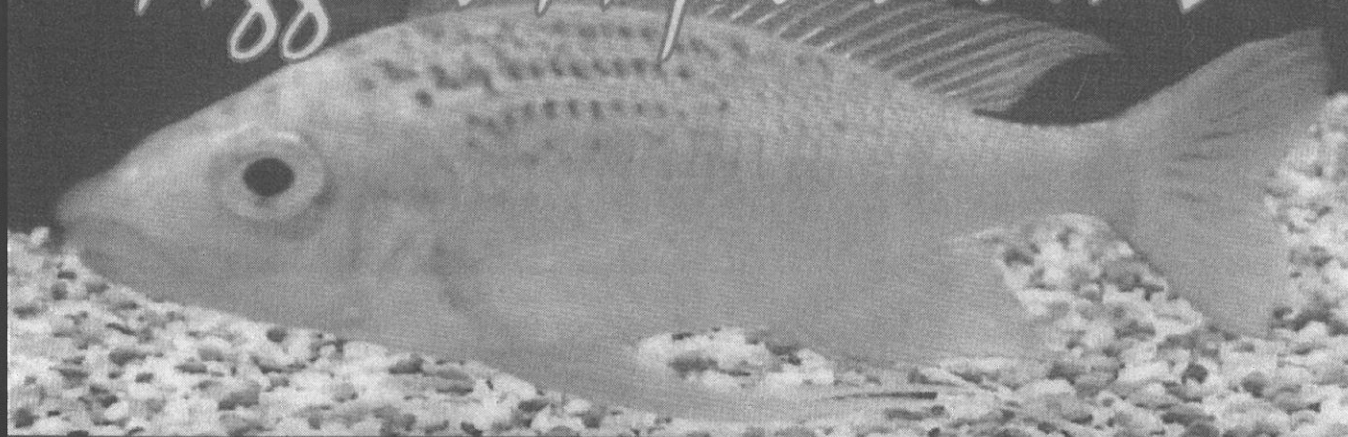
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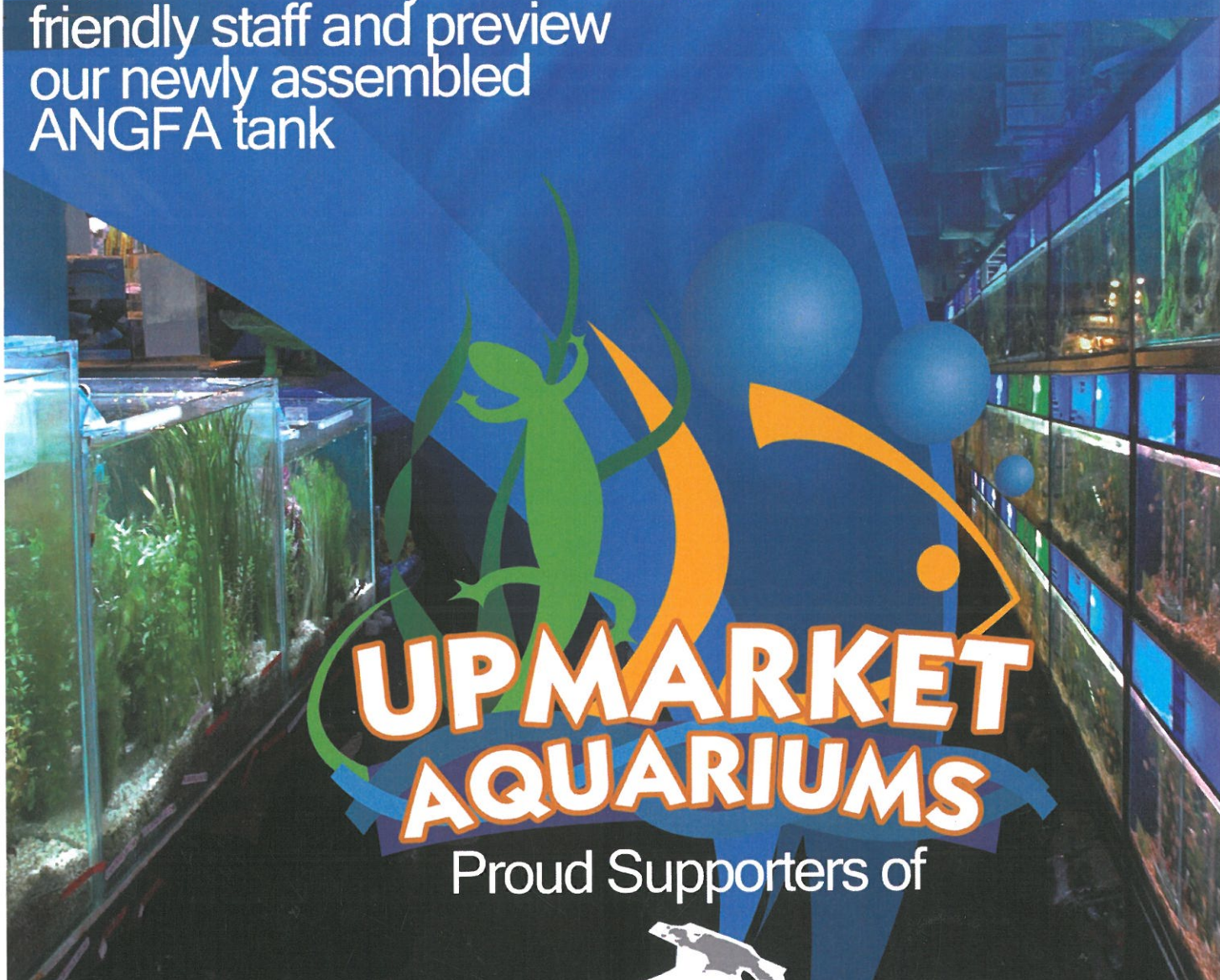
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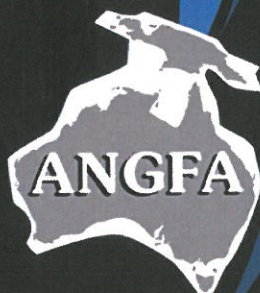
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