

# Newsletter of Systematic Ichthyology

NUMBER TWENTY-FIVE

LAST ISSUE from C.A.S.



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DEPARTMENT OF ICHTHYOLOGY  
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*This is the twenty-fifth and last issue of the annual Newsletter. Its purpose has been to increase communication between persons engaged in systematic studies of fishes. Because some present Ichthyology staff at the Academy will be reassigned to other duties on a regular basis in the future (see Announcement on the move), we need to reduce some activities. It was decided that this 25th issue of the Newsletter will be the last from C.A.S. We hope ASIH or some other group will take up where we leave off. We appreciate the interest, participation, and support so many of you have shown over the past 25 years, and we hope the Newsletter has been helpful in disseminating information about the activities of systematic ichthyologists around the world. The financial assistance of ASIH, H & N Foods International, and several generous donors is gratefully acknowledged.*

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## Synopsis of Research Activities

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Tel: (55-51) 3320-3500, Ramal 4413 Fax: (55-51) 33203903; E-mail: mlabreu@pucrs.br E-mail: marcialiaa@hotmail.com

Current work: Revision of the *Gymnogeophagus* group *G. rhabdotus* (Pisces, Perciformes, Cichlidae). Advisor: Dr. Roberto E. Reis.

**ABREU, TATIANA XANDÓ DE** Graduate student, Departamento de Zoologia, Instituto de Biociências, Universidade Estadual Paulista, Distrito de Rubião Júnior, 18618-000, Botucatu, SP, BRASIL. Researcher, Laboratório de Ictiologia de Ribeirão Preto (LIRP), Departamento de Biologia FFCLRP-USP, Av. Bandeirantes, 3900, 14040-901, Ribeirão Preto, SP, BRASIL. Phone (055) (016) 602-3710; FAX (055) (016) 602-3666. E-mail tatixando@hotmail.com

Current work: (1) PhD Thesis on the taxonomic study and phylogenetic relationships of the genera: *Brachyplatystoma*, *Goslinia*, *Platystomatichthys*, *Pseudoplatystoma* and *Sorubim* (Siluriformes, Pimelodinae), to be finished in 2003; (2) description and phylogenetic relationships of a new species of blind pimelodid catfish from a cave in the state of Bahia, northeastern Brazil (w/ R.M.C. Castro); (3) description of a new *Sorubim* from Juruena river, Tapajós basin, Brazil; (4) phylogenetic relationships of the Sorubiminae genera (Siluriformes, Pimelodidae); (5) description of skeleton of *Pimelodus maculatus*; (6) taxonomic study of *Platysilurus* and *Duopalatinus* genus.

**ÅHLANDER, ERIK.** Collection Manager, Department of Vertebrate Zoology, Swedish Museum of Natural History, POB 50007, SE10405 Stockholm, SWEDEN. Tel x46-8-51954118; Fax x46-8-61954212; E-mail erik.ahlander@nrm.se

Current work: (1) Genus *Laetacara* (Cichlidae); (2) type status of some Linnaean fish species.

**AHNELT, HARALD.** Institute of Zoology, University of Vienna, Althanstrasse 14, A-1090 Vienna, AUSTRIA. E-mail: harald.ahnelt@univie.ac.at

Current work: Morphology of Gobioid fishes: lateral line system, osteology; (1) morphology of Ponto-Caspian gobies (w/M. Duchkowsch); (2) morphology of east Pacific gobies (w/V. Bohacek, J. Goeschl, N. Miljkovic & G. Scattolin). Osteology of small cyprinid fishes; (3) comparison of *Phoxinus phoxinus* and *Pseudorasbora parva* (w/ M. Juette & A. Schoen). Hubert Keckeis, Hans Nemeschkal and I started a project on the early ontogeny of European freshwater fishes.

**ALBERT, JAMES S.** Assistant Curator of Fishes, Florida Museum of Natural History, University of Florida, Florida, 32611-7800, U.S.A. Tel: 352-392-1721; E-Mail: mailto:albert@flmnh.ufl.edu.

Current work: (1) Phylogenetic revisions of the Neotropical electric fish genera *Gymnotus*, *Steatogenys*, and *Sternopygus* using morphological data, including descriptions of 11 new species in these taxa (James Albert, William Crampton, Dean Thorsen and Kevin Hulén); (2) evolutionary analyses of electric organ discharges in these taxa (William Crampton and James Albert); (3) a three year interdisciplinary biodiversity inventory of the Pacaya-Samiria National Reserve, a megadiverse, vulnerable and poorly known region in the Peruvian Amazon (James Albert, William Crampton, Cristián Ituarte, Nathan Lovejoy, Carolina Noreña, Hernan Ortega, Guido Pereira, Roberto Reis, Daniel Shain, Lorgio Verdi, and Cecilia Volkmer). (4) Systematics of the Neotropical electric fish *Gymnotus* using morphology and molecular sequence data, and evolution of the electric organ discharge (James Albert, Will Crampton, Nathan Lovejoy and Angel Caputi).

**ALLEN, GERALD R.** Conservation International, 1 Dreyer Road, Roleystone, W.A. 6111, AUSTRALIA (61) 8 9496 1143; Fax (61) 8 9397 6985; email tropical\_reef@bigpond.com

Current work: (1) Preparation of distribution maps for every known species of shallow (to 60 m depth) reef fish in the tropical Indo-west and central Pacific using ArcView software; (2) taxonomic studies of Indo-Pacific Apogonidae; (3) taxonomic studies of Indo-Pacific Pomacentridae; (4) freshwater fishes of New Guinea and northern Australia, particularly melanotaeniids and gobioids; (5) taxonomic studies of coral reef fishes of Australia and SE Asia; (6) updated version of field guide to the freshwater fishes of New Guinea. Field work for late 2003 and 2004 will include reef

surveys at northeastern Kalimantan and Milne Bay Province, PNG, and freshwater surveys at West Irian and Papua New Guinea.

**ALMEIDA, ARMANDO. J.** Professor, Departamento de Biologia Animal, Faculdade de Ciências da Universidade de Lisboa, C-2 P-1749-016 LISBOA - PORTUGAL. Tel: (351) 2175700000; Fax: (351) 214869720; E-mail aalmeida@fc.ul.pt

Current work: (1) Systematic of Blenniidae, (2) Ichthyofauna of seagrass beds in Atlantic and Indian Ocean, (3) Ichthyofauna of Deep-sea Hydrothermal vent.

**ANDERSON, M. ERIC.** Senior Ichthyologist, SAIAB (J.L.B. Smith Institute of Ichthyology), Private Bag 1015, Grahamstown 6140, SOUTH AFRICA. Tel.: +27 46 603 5800; Fax: 046 622 2403; E-mail: E.Anderson@ru.ac.za.

Current work: (1) Polishing manuscript on new, mostly deep-sea, records of fishes from off Angola with colleague Denis Tweddle; (2) new records of western Antarctic zoarcids from cruises since my 1988 paper, including 9 very rare species and yet another new lower slope *Pachycara*; (3) description of a new *Microbrotula* from the western Indian Ocean (WIO); (4) starting, with Ofer Gon, on Clupeiformes of WIO for Heemstra and Randall book on shore fishes of the region. Scientific editor duties consume much of my time and we produced four publications during 2003. See New Publications section herein.

**BANARESCU, PETRU M.** Institutul de Biologie, Spl. Independentei nr. 296, RO – 79651 Bucuresti, ROMANIA.

Current work: (1) Freshwater fishes of Europe, vol. 5 II in 2002 and vol. 5 III appeared in 2003. A LIFE-Program for the Survival of *Romanichthys valsanicola* was achieved in October, 2003; (2) the various chapters of freshwater fishes vol. 4 I, II and III, with numerous collaborators are being elaborated; (3) a paper on the ichthyological results of Pietschmann's Mesopotamia and Armenia expeditions is almost ready; (4) a paper (with T. Nalbant) on the high-Asian loach genus *Triplophysa*.

**BARREIROS, JOSE P.** Professor (PhD), Dept. of Agricultural and Environmental Sciences, University of the Azores, 9701-851 PORTUGAL. Tel (00351)295402223; Fax (00351)295402205; E-Mail jpedro@angra.uac.pt

Current work: (1) Fish communities in Macaronesian Archipelagos and Islands of the Gulf of Guinea; (2) fish communities from Santa Catarina State, Southern Brazil; (3) ecobiology of, and *Epinephelus marginatus*'s populations in the Atlantic and in Mozambique; (4) coastal fish communities in Southern Mozambique; ecobiology and ethology of *Epinephelus itajara* in southern Brazil.

**BELLWOOD, DAVID R.** Director, Centre for Coral Reef Biodiversity & Associate Professor, Marine Biology, James Cook University, Townsville, Qld. 4811, AUSTRALIA. Tel +61 (0)7 47 814447; E-Mail david.Bellwood@jcu.edu.au

Current work: (1) Evolution of reef fishes (from Triassic – Present) based on fossil record; (2) functional morphology and ecology of wrasses (Labridae) (w/ P.C. Wainwright & M. Westneat); (3) reef fish systematics using molecular techniques (inc. several genera in the Labridae, Scaridae, Chaetodontidae, Pomacanthidae) (w/ Wainwright, Westneat, P. Barber, L. van Herwerden & grad students); (4) global biogeography of reef organisms (inc. corals w/ T.P. Hughes, S. Connolly); (5) the role of reef fishes in coral reef resilience (management of coral reef ecosystems not fish stocks) (w/ Hughes, Connolly & C. Folke).

**BENINE, RICARDO C.** Graduate student, Laboratório de Ictiologia de Ribeirão Preto (LIRP), Depto. De Biologia, FFCLRP da Universidade de São Paulo. Av. Bandeirantes, 3900, 1404-901, Ribeirão Preto, BRASIL. Tel 55-16-602-3710; Fax 55-16-602-3666; e-mail: rbenine@hotmail.com.

Current work: (1) Phylogenetic analysis of the neotropical genus *Moenkhausia* (Characiformes: Characidae) with a taxonomic revision of the forms of the upper Rio Paraná (as a Ph.D. thesis). (2) Preparing for publication the systematic revision of the genus *Gymnocorymbus* (Characiformes: Characidae).

**BERRA, TIM M.** Professor Emeritus, Department of Evolution, Ecology & Organismal Biology, Ohio State University, Mansfield, Ohio 44906, U.S.A. (419) 755-4310; Fax (419) 755-4367; E-Mail berra.1@osu.edu

Current work: (1) paper on reproductive biology of the nurseryfish, *Kurtus gulliveri*, is in preparation with Bruce Thompson; (2) paper on molecular

systematics of *Kurtus gulliveri* is in preparation with Andrew Mahon and Kent Carpenter; (3) paper on the otolith and age and growth of *Kurtus gulliveri* is in preparation with Derek Aday; (4) paper on anatomy of skull, ribs, swim bladder, and lateral line nerve of *Kurtus gulliveri* is in press with Kent Carpenter and Julian Humphries; (5) ontogeny of *Diplomystes* with John Lundberg and John Friel is in press at Ichthyological Exploration of Freshwaters; (6) a paper redescribing *Kurtus gulliveri* with color notes, distribution map and comparison with *Kurtus indicus* is in press at Ichthyological Exploration of Freshwaters; (7) resource partitioning among *Etheostoma* with Joan Bradley is forever on going; (8) work on the histology of the lateral line nerve and neuromasts of *Kurtus gulliveri* continues with Kent Carpenter and others; (9) I will spend Oct-Nov.2003 chasing *Kurtus gulliveri* and avoiding crocodiles in the Adelaide River near Darwin, NT in order to collect males with eggs to do DNA paternity analysis with John Avise.

**BERTACO, VINICIUS ARAÚJO.** Graduate student, Laboratório de Ictiologia, Museu de Ciências e Tecnologia (MCP) PUCRS. Av. Ipiranga 6681, P. O. Box 1429, 90619-900 Porto Alegre, RS, BRAZIL. Tel. (51) 3320-3500 ext. 4413. Fax. (51) 3320-3903. E-mail: ubertaco@puccrs.br

Current work: (1) Phylogeny and taxonomy of *Hollandichthys* Eigenmann, 1909 (Ostariophysi: Characiformes: Characidae) (w/ Luiz R. Malabarba; (2) review of *Astyanax* Baird & Girard, 1854 (Teleostei: Characidae) from the rio Tramandaí drainage, RS, Brazil (w/ L. R. Malabarba and J. P. da Silva); (3) systematics of *Prodontocharax* and *Amblystilbe* (Teleostei: Characidae: Cheirodontinae), with descriptions of new species (w/ L. R. Malabarba); (4) review of *Odontesthes* "grupo perugiae" from the laguna dos Patos drainage (w/ L. R. Malabarba and B. Dyer); (5) study of the occurrence, distribution and abundance of sand beach fish species in the lago Guaíba, RS, Brazil (w/ F. G. Becker and Z. M. Lucena); (6) description of two new species of *Ancistrus* from rio Tocantins drainage (w/ S. Fish-Muller, A. R. Cardoso and J. P. da Silva).

**BIANCO, PIER GIORGIO** Associate Professor, Dipartimento di Zoologia, Via Mezzocannone 8, I-80134 Napoli, ITALY. Tel /Fax +39 081 2535138; Fax +39 081 2535210; E-mail [gibianco@unina.it](mailto:gibianco@unina.it)

Current work: (1) Genetic, cytotoxicology and morphological revision of cyprinids from southern Europe in collaboration with colleagues from several European countries; (2) a paper in collaboration with Frank Nordlie on salinity tolerance of *Valencia letourmeuxi* (Valencidae) and *Pseudophoxinus stymphalicus* (Cyprinidae) is still in preparation; (3) chapters on several cyprinid species for "The Freshwater Fishes of Europe" (edited by AULA-VERLAG) are in progress; (4) field work on fishes from National Park (Parco Nazionale della Maiella, Parco Nazionale del Cilento) are in progress; (5) a study on biology of three cyprinid species from Southern Italy (*Rutilus rubilio*, *Leuciscus cephalus* and *Barbus tyberinus*) is completed; (6) I start to work on marine fish with: a contribution to the biology of *Pagellus bogaraveo* (Sparidae) from Tyrrhenian sea; record of the mesopelagic species *Zu cristatus* (Lampridiformes) from shallow waters. I start a work on biology and autoecology of Lizard fish (*Synodus saurus*) from central Tyrrhenian Sea.

**BOESEMAN, M.** Emeritus curator of Fishes, Rijksmuseum van Natuurlijke Historie, Leiden (now Nationaal Natuurhistorisch Museum 'Naturalis'). Home address: Prins Bernhardlaan 54, 2341 KL Oegstgeest, THE NETHERLANDS. Telephone: 003171-5174477.

Current work: Being retired, circumstances forced me to restrict my scientific activities to research mainly based on literature and archives. These efforts have led to a continuation of my study of the collection of Brazilian zoological pictures by the Dutch painter Albert Eckhout around 1640, resulting in a paper read at a symposium in Recife, Brasil, in September 2002, and subsequently published. My second subject, an exhaustive biography and bibliography on the neglected Dutch scientist Martinus Houttuyn (1720-1798), resulted in an extensive paper completed with the cooperation of Mrs W. De Ligny, and at the printers now.

**BOR, TACO J.** Prinsenweer 54, 3363JK Sliedrecht, THE NETHERLANDS. E-mail [tjbor@doge.nl](mailto:tjbor@doge.nl)

Work on the systematics and stratigraphical distribution of fossil elasmobranch teeth from the Cretaceous (Maastrichtian) and Tertiary (Eocene, Oligocene and Miocene) of The Netherlands and Belgium is continued. In addition the dentitions and systematics of modern sharks, rays and chimaeras are studied.

**BIGGS, JOHN C.** 82-651 Skyview Lane, Indio, CA 92201, U.S.A. E-mail [clingfish@earthlink.net](mailto:clingfish@earthlink.net).

Current work: Am now retired to a nice place without many fishes but we spend the summers in British Columbia where there are plenty of them (of the angling variety). Now working on an article devoted to the conservation of

coral reef fishes. The emphasis will be on the importance separating pattern from process.

**BRITTO, MARCELO R.** Associate researcher, Museu Nacional da Universidade Federal do Rio de Janeiro, Depto. de Vertebrados, Setor de Ictiologia, Quinta da Boa Vista s/n, São Cristovao. 20940-040 Rio de Janeiro, RJ, BRAZIL. Tel +55 21 2568-1319 (r. 249); Fax +55 21 2568-8262 (r. 232); E-Mail [mrbritto2002@yahoo.com.br](mailto:mrbritto2002@yahoo.com.br)

Current work: (1) Taxonomic revision and phylogeny of the recently resurrected genus *Scleromystax* (Callichthyidae); (2) redescription of *Corydoras flaveolus* (Callichthyidae) (w/F.C.T. Lima); (3) taxonomic revision and phylogeny of the genus *Aspidoras* (Callichthyidae) (w/F.C.T. Lima); (4) description of a new *Aspidoras* from Bahia (Callichthyidae) (w/ F.C.T. Lima and A. Clistenes); (5) description of new hypoptopomacine catfishes from Central Brazil (Loricariidae) (w/ R.E. Reis and P.A. Buckup); (6) a chapter about callichthyid catfishes on a book based in the ichthyofauna from Rio Ribeira de Iguape (coordinated by O. Oyakawa); (7) preparing the results of my Ph.D thesis on higher-level phylogeny of Siluriformes for publication (Siluriformes) (w/M. de Pinna).

**BRUNER, JOHN C.**, Department of Biological Sciences and Laboratory for Vertebrate Paleontology, University of Alberta, Edmonton, Alberta, T6G 2E9 CANADA. (780) 492-5408; Fax (780) 492-9234; E-mail [jbruner@ualberta.ca](mailto:jbruner@ualberta.ca)

Current work: (1) Faunal and historical survey of the fishes of Hickory Creek, Des Plaines River Drainage, Will and Cook Counties, Illinois (with Alan Resetar, FMNH); (2) tooth replacement rates of *Squalus acanthias*; (3) sexual dimorphism in number of first dorsal fin basals of *Squalus acanthias* Linnaeus, 1758; (4) tooth replacement rate of *Carcharodon carcharias* (Linnaeus, 1758); (5) tooth replacement rate in lantern sharks (genus *Etmopterus*); (6) description of a new species of percoid fish from the Eocene Swauk Fm. of Washington (with Mark V. H. Wilson).

**BURGESS, WARREN E.** Shadow Lake Village, 106 Lexington Court, Red Bank, NJ 07701, U.S.A. Tel. (732) 747-5539; e-mail: [burgwl@aol.com](mailto:burgwl@aol.com)

Research is continuing on multiple projects: (1) Review of the family Cichlidae with separate reviews on genera (1a) *Aequidens* and (1b) *Xenotilapia*. (American genera completed, with dummy partially finished, African and Asian genera partially completed). (2) Revision of the family Pomacanthidae. (dummy being constructed). (3) Review of the catfish subfamily Coradoradinae, family Callichthyidae. (4) Revision of the family Ambassidae (one preliminary paper in prep.). (5) Several papers on larval fishes in preparation dealing with (5a) Acanthuridae, (5b) Pomacanthidae, (5c) Chaetodontidae, and (5d) Pomacentridae. (6) New species in works on Pomacanthidae, Cichlidae, Loricariidae, Callichthyidae. (7) Checklist of Anabantoidei completed. (8) Work on Embiotocidae and Chaenopsidae continuing. (9) Update on Catfish Atlas currently on back burner because of extensive systematic changes reported in CLOFFSCA.

**BURRIDGE, CHRISTOPHER P.** Research Academic, School of Ecology & Environment, Deakin University, PO Box 423 Warrnambool, VIC 3280, AUSTRALIA. Tel +613-5563-3297; Fax +613-5563-3462; E-Mail [chrishb@deakin.edu.au](mailto:chrishb@deakin.edu.au)

Current work: (1) Molecular phylogeny of the Percichthyidae (w/ M. Truong & C. Austin); (2) genetic identification of commercial fishes in SE Australian markets (w/ S. Williamson & C. Austin); (3) molecular systematics of Australian desert fishes (w/ B. Bostock, C. Austin & M. Adams); (4) molecular systematics of landlocked *Galaxias maculatus* (Galaxiidae) in SE Australia (w/ C. Jacq & C. Austin); (5) molecular phylogeny of *Pagrus* (Sparidae) (w/ L. Meggs & C. Austin); (6) molecular variation among common carp (*Cyprinus carpio*) strains (w/ B. Thai & C. Austin). My own research has been delayed given student supervision and laboratory management duties associated with the aforementioned projects, but comprises (1) phylogeny of the Cirrhitidae (w/ T. Donaldson); (2) phylogeny of the Chironemidae (w/ R. Melendez & B. Dyer); (3) osteology of the Cheilodactylidae and Latridae (w/M. Gomon); (4) molecular phylogeny of *Acanthopagrus* (Sparidae). My contract at Deakin Univ. expires late 2004. [http://www.deakin.edu.au/sch\\_ecol\\_env/research/mol\\_ecol\\_bio/home.htm](http://www.deakin.edu.au/sch_ecol_env/research/mol_ecol_bio/home.htm): lab website.

**BUTH, DONALD G.** Professor of Biology, Dept. of Organismic Biology, Ecology, and Evolution, University of California (UCLA), Los Angeles, California 90095-1606 U.S.A. Tel (310) 206-6084; Fax (310) 206-3987; e-mail: [dbuth@UCLA.edu](mailto:dbuth@UCLA.edu)

I was hospitalized last fall after triple bypass heart surgery and have been kept busy with extra teaching since then to make up for my absence. My interests continue for catostomids, cyprinids, gasterosteids, and percids. Papers on the catostomid genus *Cycleptus* and on grunion (*Leuresthes tenuis*) population structure have been published.

**BUSBY, MORGAN S.** Research Fishery Biologist, National Marine Fisheries Service, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Building 4, Seattle, WA 98115 USA. Tel. (206) 526-4113 or 4126, Fax (206) 526-6723, E-Mail morgan.busby@noaa.gov.

Current Work: (1) Continuing studies on taxonomy of larval and adult snailfishes (family Liparidae) in the North Pacific Ocean and Bering Sea including a revision of the genus *Allocareproctus* with a description of late stage eggs (with J.W. Orr). (2) Description of an unusual late stage grenadier larva (Gadiformes: Macrouridae). (3) Spawning and development of eggs and early larvae of arrowtooth flounder (*Atheresthes stomias*) (family Pleuronectidae) (with A. Matarese and D. Blood). (4) Description of larvae and early juveniles of giant blob sculpin, *Psychrolutes phrictus* (with R. Cartwright and J. Drazen). (5) Species assemblages, taxonomy, and osteology of larval and juvenile fishes from the Gulf of Alaska and Bering Sea.

**CAPPETTA, HENRI.** Laboratoire de Paléontologie, ISEM - Université Montpellier II, Sciences et Techniques du Languedoc Cc 064, Place Eugène Bataillon 34095 Montpellier Cedex 5 FRANCE Tel: (33) 04 67 14 32 64 Fax: (33) 04 67 14 36 10 E-Mail: cappetta@isem.univ-montp2.fr

Current work: (1) Long-term studies on the Cretaceous and Tertiary elasmobranch faunas regularly collected in the Phosphate deposits of Morocco and Middle-East include actually the description of new Campanian and Maastrichtian Anacoracidae; (2) the studies on the dentition of Recent and fossil Dasyatoidea, mainly dasyatids and urolophids, is on-going; (3) the completion of the revision of European Eocene Odontaspidae, mainly from Belgium (in collaboration with D. Nolf); (4) an addition to the Cretaceous and Eocene (Campanian, Maastrichtian and Lutetian) elasmobranch faunas from Texas and Alabama (USA, in collaboration with G.R. CASE *et al.*); (5) the study of a new elasmobranch assemblage from the Lower Cretaceous of Thailand (in collaboration with E. Buffetaut and V. Suteethorn); (6) the completion of a database including all fossil post-Triassic genera and species of elasmobranchs, for publication in the Series "Fossilium Catalogus"; (7) the up-dating of the Handbook of Palaeoichthyology for a new publication of the vol. 3, actually out-of-print.

**CARDOSO, ALEXANDRE RODRIGUES.** Graduate Student. Museu de Ciências e Tecnologia, PUCRS (MCP). Av. Ipiranga, 6681. Caixa Postal 1429, 90619-900 Porto Alegre, RS, BRASIL. Tel. (51) 3320.3500 ex- 4413. Fax. (51) 3320.3900; e-mail alexrc@pucrs.br.

Current work: (1) Taxonomic revision and phylogeny of the subfamily Rhoadsiinae (Characidae, Characiformes); (2) revision of the species of *Rineloricaria* from coastal rivers in southern Santa Catarina and northeastern Rio Grande do Sul, Brazil (Pisces, Siluriformes, Loricariidae); (3) taxonomic revision and phylogeny of the genus *Bunocephalus* Kner (Teleostei: Siluriformes: Aspredinidae - Ph.D. thesis) and (4) two new species of the genus *Ancistrus* Kner from the rio Tapajós basin and from the rio Tocantins basin (Teleostei: Siluriformes: Ancistrinae) (W/Fisch-Muller, S; Silva, J. F. and Bertaco, V.A.).

**CARVALHO, MARCELO R de.** Departamento de Biologia (FFCLRP), Universidade de São Paulo, Av. dos Bandeirantes, 3900, Ribeirão Preto, SP, 14040-901, BRAZIL. Tel: (55)-(016)-602-3710. Fax: (55)-(016)-602-3666. E-mail: mrcarvalho@ffclrp.usp.br

Current work: (1) Research on the systematics and evolution of freshwater stingrays (Potamotrygonidae), which includes descriptions of new species (with NR Lovejoy, RS Rosa and P Charvet), inventory of the Rio Tocantins forms (with EE Marques and P Lucinda), and descriptions of isolated fossil remains (with JG Lundberg); (2) my doctoral dissertation (systematics of *Narce*) is being prepared for publication; (3) research on the Eocene Monte Bolca batoids continues; (4) revision of Eastern Atlantic *Torpedo* (with B Séret); (5) revision of *Narke* (with JE Randall). Please note new address and contact information.

**CARVALHO, MURILO.** Graduate student. Laboratório de Ictiologia de Ribeirão Preto (LIRP), Depto. de Biologia, FFCLRP da Universidade de São Paulo. A. Bandeirantes, 3900, 14040-901, Ribeirão Preto, Brasil. Tel 55-16-602-3710; Fax 55-16-602-3666; e-mail: murilocarvalho@yahoo.com.

Current work: (1) Phylogenetic analysis of the genus *Hypostomus* (Siluriformes: Loricariidae) (as a Master's thesis); (2) description of various new species of the subfamily Hypoptopomatinae (Siluriformes: Loricariidae) (w/ F.A. Bockmann; A.C. Ribeiro & A.L.A. Melo); (3) finalizing the chapter of Hypostominae for the book 'Catálogo das Espécies de Peixes de Água Doce do Brasil' (w/ F.A. Bockmann).

**CASTRO, RICARDO M.C.** Docente, Laboratório de Ictiologia de Ribeirão Preto (LIRP), Depto de Biologia da FFCLRP - Universidade de São Paulo, Av. dos Bandeirantes 3900, CEP 14040-901, Ribeirão Preto, SP, BRASIL. Tel. 55-16-602-3817; FAX 55-16-633-1758; E-Mail rmcastro@ffclrp.usp.br

Current Research: (1) Submitting to FAPESP (State of São Paulo, Brazil, main research granting agency) a Thematic Project on the phylogenetic nature of the family Characidae (Characiformes, Ostariophysi) (with Flávio A. Bockmann, Richard P. Vari and Claudio Oliveira); (2) revision and phylogenetic relationships of the genera *Engraulisoma* Castro and *Clupeacharax* Pearson (Characiformes, Characidae); (3) description and phylogenetic relationships of a new species of blind pimelodid catfish from a cave in the state of Bahia, northeastern Brazil - finished and soon to be submitted (with Tatiana X. de Abreu and Flávio A. Bockmann); (4) revision and phylogenetic studies of *Rhamdiopsis* Haseman (Siluriformes, Pimelodidae) (with Flávio A. Bockmann); (5) ecomorphology of the fishes from the headwaters of the São Francisco River, state of Minas Gerais, southeastern Brazil (with Lilian Casatti); (6) description and phylogenetic studies of a new genus and species of a *Bramocharax* - like fish (Characiformes, Characidae) from the upper Paraíba do Sul River, State of São Paulo (with Ricardo C. Benine, Alexandre C. Ribeiro and Rosana Souza Lima); (7) redescription and phylogenetic appraisal of *Henochilus wheatlandii* Garman, 1890 (Characiformes, Characidae) - submitted to Copeia and accepted for publication pending successful completion of revisions (with Richard P. Vari, Fábio Vieira and Claudio Oliveira); (8) phylogenetic and revisionary studies of *Leporellus* Lütken (Characiformes, Anostomidae) (with Richard P. Vari and Lilian Casatti); (9) taxonomic revision of the Upper Paraná River species of *Astyanax* Baird & Girard (Characiformes, Characidae) - a new species description was finished and submitted to publication in the Proceedings of the Biological Society of Washington (with Richard P. Vari); (10) the successful completion of the Coordination of a four and a half years (started on December 01, 1998 and ended on June 30, 2003) BIOTA/FAPESP's Thematic Project on the fish diversity of the headwaters and streams of the upper Paraná River system in the State of São Paulo, southeastern Brazil (with Heraldo A. Britski, José L. Figueiredo, Naércio A. Menezes, Julio C. Garavello, Richard P. Vari, Stanley H. Weitzman and many students and technicians from LIRP-USP and MZUSP). One the most valuable Project results was the incorporation in LIRP's fish collection of 16.679 stream fish specimens, belonging to six orders, 19 families, 52 genera and 95 species (about 15% undescribed) from the previously uncollected areas in the Upper Paraná River basin in the State of São Paulo. This collection is available for online consultation at <http://splink.cria.org.br/>. A major synthetic paper summarizing about a third of the Project's major results was already published (see the Literature section of this newsletter) and two similar ones are almost ready for submission.

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Current work: (1) The systematic catalog of Mexican sharks (w/H. Espinosa Pérez & L. Huidobro-Campos) is going (finally) to press and, if everything is ok, it will be published by the end of this year; (2) the study (w/A. Antuna-Mendiola, A. González-Acosta & J. De la Cruz-Agüero) of several specimens of *Mustelus*, caught from off Bahía Magdalena, Baja California Sur, rendered a new species, and the ms. has been already submitted for publication; (3) systematics and biogeography of Mexican mojarra (Family Gerreidae) is almost ended (w/A. González-Acosta & A. Antuna-Mendiola); (4) a paper describing two new species of angel sharks (*Squatina*) from the shelf of Golfo de México was already submitted for publication (w/H. Espinosa Pérez & L. Huidobro-Campos); (5) my long term project, namely writing a new book on Mexican iso and hypersaline lagoons ichthyofauna is in progress (w/many colleagues); (6) probably I will leave on a one-year sabbatical 1 August, 2004, to Colección Nacional de Peces (National Fish Collection) at the Instituto de Biología, U.N.A.M. in Mexico City. This action will be in strong relationship with the book mentioned above.

**CHARCANSKY, ALEXANDRE.** Graduate student. Lab. of Ichthyology, Museu de Ciências e Tecnologia - PUCRS .Av. Ipiranga 6681, 90619-900 Poto Alegre, BRASIL RS, Tel. (+5551) 3320-3568 ext. 4413, Fax (51) 3320-3568 E-mail: charcansky@pucrs.br

Current work: (1) Study of tooth morphology and ultrastructure in ostariophysian fishes (Teleostei, Otocephala) as M.sc. Dissertation under advice of Dr. Carlos A. Santos Lucena.

**COAD, BRIAN W.** Research Scientist, Canadian Museum of Nature, P. O. Box 3443, Station D, Ottawa, Ontario, CANADA K1P 6P4. Tel (613) 364-4067; Fax (613) 364-4027; E-mail bcoad@mus-nature.ca, briancoad@hotmail.com; Website www.briancoad.com.

Current work: (1) Editing and writing sections of the books "Arctic Marine Fishes of Canada" and "Freshwater Fishes of Nunavut"; maintaining a website (see above) with work towards a "Freshwater Fishes of Iran", "Fishes of Canada's National Capital Region" and a "Dictionary of Ichthyology"; (2)

writing up papers on systematic problems in the ichthyofaunas of Canada and Iran.

**COHEN, DANIEL M.** Research Associate, C.A.S.; mailing address: P.O. Box 192, Bodega Bay, CA 94923, U.S.A. Tel. (707) 875-9285; e-mail dmco@monitor.net

Current work: Continuing studies on bythitid fishes including description of a new species of cave-dwelling *Grammonus* (w/J. Nielsen).

**COLLETTE, BRUCE B.** Senior Scientist, National Marine Fisheries Service National Systematics Laboratory, National Museum of Natural History, Washington, D.C. 20560-0153, U.S.A. (202)357-2524, Fax (202)357-2986. E-mail: collette.bruce@nrmn.si.edu

Current work: (1) Sections on Belonidae and Hemiramphidae for fishes of the western North Atlantic; (2) FAO world catalogue of beloniform fishes (with N.V. Parin); (3) molecular phylogenetic studies of Scombroidei and Xiphioidei (with T. Orrell and G.D. Johnson); (4) phylogenetic studies of the Beloniformes (with H. Banford and N. Lovejoy); (5) accounts for the families Batrachoididae, Belonidae, Coryphaenidae, Echeineidae, Hemiramphidae, Lampridae, Pomatomidae, Rachycentridae, Scomberesocidae, and Scombridae for the FAO Identification Guide to Living Marine Resources of the East Central Atlantic; (6) early life history sections on Belonidae Hemiramphidae, and Batrachoididae for Bill Richards' book on early life history of western central North Atlantic fishes; (7) annotated checklists for the Hemiramphidae and Scomberesocidae for the CAS annotated checklist series; (8) phylogenetic and host-parasite studies of remoras, Echeineidae; (9) revision of halfbeaks of the genus *Zenarchopterus*; (10) sexual dimorphism in the southeast Asian freshwater needlefish, *Xenentodon* (with M. Kottelat); (11) faunal study of the fishes of the West Wind Drift islands and sea mounts; (12) hermaphroditism in *Serranus novemcinctus* (with C. Roberts); and (13) continued participation in refinement of ITIS, the Integrated Taxonomic Information System (<http://www.itis.usda.gov/itis>). Long-range studies continue on the systematics of the Scombridae, Belonidae, and Hemiramphidae.

**CRAIG, MATTHEW T.** Ph.D. Candidate, Scripps Institution of Oceanography, UCSD-0208, La Jolla, CA 92093-0208, U.S.A. E-mail mcraig@ucsd.edu.

Current research: (1) Systematics of the groupers (Serranidae; Epinephelinae); (2) trans-isthmian speciation in marine fishes; (3) systematics of the Lophotidae, (4) molecular systematics of the chaenopsid tube-blennies.

**DERIJST, EDDY.** Aquariumwereld B.B.A.T. Werfstraat 6, B-9500 Geraardsbergen, BELGIUM Tel. & fax +32 54.58.93.59 (& I.R.S.N.B. division of ichthyology, Vautierstraat 29, B-1000 Brussels) E-mail eddyderijst.systichthys@belgaacom.net

The systematic overview of the fishes is still in progress. Order, family and genus composition are followed and updated with new described taxa or revisions. Several nomenclatural problems are in study.

**DONALDSON, TERRY J.** Senior Scientist and Director, and Adjunct Graduate Professor, IMA- Integrative Biological Research Program, University of Guam Marine Laboratory, UOG Station, Mangilao, Guam 96913 USA. Tel (671) 735-2187; FAX (671) 734-6767; E-Mail donaldsn@uog9.uog.edu

Current work: (1) historical ecology, behavior and biogeography of hawkfishes (Cirrihitidae), sandperches (Pinguipedidae), and groupers (Serranidae: Epinephelinae). Some additional work on wrasses (Labridae) and marine angelfishes (Pomacanthidae), and continued collaboration with A. Nakazono (Kyushu University); (2) continued work on the Cirrihitidae (with J.E. Randall); (3) biogeography of Indo-Pacific coastal marine and insular freshwater fishes (with R.F. Myers); (4) reef fish conservation biology, especially fishes taken in the Live Reef Fish Trade; (5) comparative studies of reef fish spawning aggregations and sites (with P.L. Colin and others). I continue to serve as Chair of the IUCN/SSC Coral Reef Fish Specialist Group and am in the process of securing funding for a "Global Assessment of Reef Fishes" for the IUCN Red List. I also serve on the Board of the Society for the Conservation of Reef Fish Aggregations.

**ECONOMIDIS, PANOS STAVROS.** Ex-Professor at the Aristotle University of Thessaloniki. Home address, 79, Karakasi str., GR-54453, Thessaloniki, GREECE. Tel: + 30-2310-923559, Email: PSEcon@bio.auth.gr

Current work: Continuation of those referred in Newsletter of 2001: (1) Critical revision on endemic fresh water fish; (2) action plan for protection of endemic freshwater fish species of Greece, (3) New endemic freshwater fish taxa; (4) contribution to the Handbook Freshwater Fishes of Europe, Aula Verlag, and (5) new records of marine fish from Greek seas and Lessepsian migrant species in the marine area of Dodecanese (southeast Aegean Sea); (6)

diadromous fish species, as sturgeon, shads in Greek water; (7) new fish fauna in the recreated lake New Karla.

**ELVIRA, BENIGNO.** Professor, Department of Zoology and Physical Anthropology, Faculty of Biology, Complutense University of Madrid, E-28040 Madrid, SPAIN. Tel. +34 91 3944946; Fax +34 91 3944947; E-mail belvira@bio.ucm.es

Current work: (1) Researches on the taxonomy and biogeography of the Iberian freshwater fishes; (2) projects on conservation of Spanish freshwater fishes.

**ESCHMEYER, WILLIAM N.** Dept. of Ichthyology, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118 U.S.A. Tel (415) 750-7049; e-mail: weschmeyer@calacademy.org; Fax (415) 750-7148.

Current work: (1) We continue to enter data in the Catalog of Fishes database. Currently we are going through the 2003 "Check List of Freshwater Fishes of South and Central America" species-by-species. This large, important work has established or changed the status (valid, synonym) of hundreds of species. A new internet version probably will be posted in December 2003. (2) The "Annotated Checklist" project was continued, and the first CD was completed and all articles in it are online at [www.calacademy.org/research/ichthyology/annotated](http://www.calacademy.org/research/ichthyology/annotated), with 2 more expected late in 2003/early 2004 (see Announcement section). A new 6 month grant was received to prepare a "draft list of available names in Ichthyology". Initially this list will include available names, unavailable names, and incertae sedis names, and it will be output from the Catalog of Fishes database. This is to take advantage of Article 79 in the 1999 Code, but the process is lengthy, and it involves consensus on the part of ichthyologists. Our first task is to post the list and let people examine it and question anything in it. We believe we can purge from Ichthyology thousands of unavailable generic and specific names that have no information content (and are clutter for all intents and purposes, including nomina nuda, names mentioned in passing, etc.). Additional programming will take place in December, and the list posted by mid-2004. We will see what responses we receive. We anticipate corrections and comments (some critical). Then the list would go to a group of societies or one society, and a proposal made to the International Commission. For available names, this list would fix the names (spellings), authorship, date, bibliographic reference, and types for species. Once approved, any newly found old names or earlier references, etc., are rejected. How typos and small errors are to be corrected subsequently is not addressed in Art. 79. Of all large disciplines, we probably are the closest to being able to prepare such a list. See Article 79 for more details. It is worth a try, but it will take more research in old literature and consensus building on such subjects as how to spell certain author names. (3) The Academy in Golden Gate Park closes at the end of 2003, and nearly all of the buildings will be demolished. The move to a large building on Howard Street in downtown San Francisco will begin in early 2004 for a period of about 4 years. We will be somewhat crowded, but all specimens will be available. Please see the announcement of the move in the Announcement section. We are preparing for the move at this time. (4) I plan to concentrate on the database project, and hope to find additional funding for more Annotated Checklists, but even without funding or until we find more funding, I anticipate I can work with authors on a few families at a time.

**ESPINOSA, P. HECTOR.** Curator of Fishes. Dept. Zoologia, Instituto de Biología, Universidad Nacional Autónoma de México. AP 70-153 MEXICO 04510, D.F. Tel. 5622-9147 Fax 5550-0164 E-mail hector@servidor.unam.mx

Current work: Continuation of those programs referred in 2001. (1) The Mexican sharks catalog w/ J.L. Castro Aguirre and L. Huidobro; (2) with the ASIH-AFS common names committee, revision of the Mexican common names for the list. With D. Hendrickson, F. Garcia and R. Mayden study of the native trout (*Onchorhynchus*). (Students L. Huidobro, revision of *Poeciliopsis* genus (Poeciliidae) and X. Valencia, revision of the Mexican Cichlidae).

**FANG, FANG.** Research scientist, Department of Vertebrate Zoology, Swedish Museum of Natural History, POB 50007, SE10405 Stockholm, SWEDEN. Tel x46-8-51954123; FAX x46-8-61954212; E-mail fang.fang@nrm.se

Current work: I am involved in an EC sponsored project, ECOCARP, and now working mainly with (1) systematics of the Chinese cyprinid fishes *Zacco*, *Saurogobio*, and *Hemibarbus* (Cyprinidae); (2) ichthyofauna of Hunan Province; and (3) freshwater fishes of Guangxi Province. This year I did two collecting trips in China, one in Guangxi Province, one in Beijing area. The first trip lasted for about four weeks and was interrupted due to the outbreak of the SARS. The second trip ran only for a week or so, and the collection was small both in terms of species number and specimen amount. Works on the Burmese cyprinids continued. A manuscript on Burmese *Garra* (c/w Sven

Kullander) is soon completed. Besides all the above mentioned, my long term project is a phylogenetic analysis on all danionin or rasborine species.

**FERNHOLM, BO.** Professor of Vertebrate Zoology, Swedish Museum of Natural History. POB 50007, SE-104 05 Stockholm, SWEDEN. Tel +46 8 51954110; E-Mail bo.fernholm@nrm.se

Current work: On leave from chairing the Vertebrate Department; I am, since 2003, the project leader of GBIF-Sweden, the Swedish node of the Global Biodiversity Information Facility ([www.gbif.org](http://www.gbif.org)). This means less time for fish systematics, but my interests in hagfish global taxonomy and systematics remain.

**FERRARIS, CARL** 2944 NE Couch St., Portland, OR, 97232, U.S.A.. Tel. (503) 234-2095. E-mail: cferraris@msn.com

Current work: Taxonomy and phylogeny of the Cetopsidae (with R. Vari and M. de Pinna); revision of *Auchenipterichthys* (Auchenipteridae) (with R. Vari); description of a new species of *Tetranematichthys* (with R. Vari); description of new *Pseudolaguvia* (Erethistidae) from Myanmar (With R. Britz); description of a new *Entomocorus* (Auchenipteridae) (with A. Akama); revision of *Euristhmus* and *Cnidoglanis* (Plotosidae) (with E. Murdy); description of a new *Clupisoma* (Schilbiidae) from Myanmar; revision of *Hypophthalmus* (Pimelodidae) (with R. Vari); revision of *Nemuroglanis* (Heptapteridae) (with F. Bockmann). A comprehensive Checklist of Catfishes is nearly complete.

**FERREIRA, KATIANE M.** Graduate Student, Laboratorio de Ictiologia, Depto de Biologia, FFCLRP, Universidade de Sao Paulo, Av. Bandeirantes, 3900, CEP 14040-901, Ribeirao Preto, SP, BRASIL; Tel. (016) 602-3710, Fax (016) 602-3666; E-mail katiandeferreira@hotmail.com

Current work: PhD thesis on the taxonomic study and phylogenetic relationships of the genus *Knodus* Eigenmann, 1910 (Characiformes: Characidae).

**FIGUEIREDO, CARLOS A.** DSc., post-doc at Museu Nacional, Setor de Ictiologia, Rio de Janeiro, RJ, BRAZIL. CEP 20940-040. Tel +55 (21) 2568-8262 ext-249; Fax. +55 (21) 2568-1352; E-mail ca.figueiredo@superig.com.br; ca.figueiredo@ig.com.br

Current work: (1) Finished my Doctoral thesis on phylogeny of Poeciliinae (Cyprinodontiformes, Poeciliidae) with emphasis on *Poecilia*, *Limia* and *Pamphorichthys*, now I'll be preparing the manuscript for publication; (2) starting an integrated revision of genera *Micropoecilia*, *Lebistes* and *Pamphorichthys*; (3) description of several new *Pamphorichthys* species; (4) conclude the revision of the Characidiinae (Characiformes, Crenuchidae) of Paraguay (w/ Dr.P.Buckup); (5) description of a new species of *Xyliphius* (Siluriformes, Aspredinidae) (w/ M.R.Britto); (6) description of a new *hypoptomatine cascudinho* from upper Paraná River (w/F.Bockmann & S.Schaefer).

**FRIEL, JOHN P.** Curator of Fishes, Cornell University Museum of Vertebrates, 159 Sapsucker Woods Road, Ithaca, NY 14850-1923 U.S.A. Tel. 607-254-2162; Fax 607-254-2415; E-Mail jpf19@cornell.edu

Current work: (1) Descriptions of new catfish species (Amphiliidae, Aspredinidae and Mochokidae); (2) conducting fieldwork in Central Africa for the All Catfish Species Inventory project; (3) study of the evolution and functional morphology of the defensive and acoustic behaviors of catfishes (Siluriformes).

**FROESE, RAINER.** Institute of Marine Research, Düsternbrooker Weg 20, 24105 Kiel, GERMANY. E-Mail rfroese@ifm.uni-kiel.de

Current work: (1) With the help of the FishBase Team and many partners, continue coordination of FishBase, a global database currently containing key information for over 28,000 species and subspecies of fishes (see [www.fishbase.org](http://www.fishbase.org)); (2) collaborate with curators to provide coherent on-line access to fish collection databases (currently 31 collections with 1.5 million lots, see [www.fishbase.org/SearchFishCollections.cfm](http://www.fishbase.org/SearchFishCollections.cfm)); (3) continue to serve on the OBIS International Committee to combine marine species data with physical oceanography data; (4) as my Pew Fellow project and with many partners, create an electronic atlas for all marine organisms; (5) do research on life history strategies of fishes.

**FUIMAN, LEE A.** Professor, Department of Marine Science, University of Texas Marine Science Institute, 750 Channel View Drive, Port Aransas, Texas 78373, U.S.A. Tel. (361) 7496775; Fax (361) 7496777; Email lee@utmsi.utexas.edu; website [www.utmsi.utexas.edu/staff/fuiman](http://www.utmsi.utexas.edu/staff/fuiman)

Current work: (1) Identification of behavioral skills required for fish larvae to survive predatory attacks (w/ J.H. Cowan, Jr., K. A. Rose, E. Smith); (2) behavioral mechanisms underlying recruitment of marine fish larvae (w/ J.H. Cowan, Jr.); (3) review of development of form and function of the teleost ear

and lateral line system (w/ D.M. Higgs, K.R. Poling); (4) sublethal effects of contaminant exposure on behavior of Atlantic croaker and red drum larvae (Sciaenidae) (w/ P. Thomas, M. C. Alvarez, I. D. McCarthy), and adult populations (w/ K.A. Rose); (5) effects of contaminants on protein metabolism in red drum larvae (w/ H. Samberson, I. D. McCarthy) (Sciaenidae); (6) role of water viscosity in hydrodynamics of larval and juvenile fishes (w/ B. Sarkisian); (7) characterizing intervals of development in Gulf of Mexico blennies (Blenniidae); (8) foraging behavior and physiology of Weddell seals under the Antarctic fast ice and Stellar sea lions off Alaska (it's not exactly ichthyological, but it's really cool).

**GARAVELLO, JULIO C.** Depto. de Ecologia e Biologia Evolutiva, Universidade Federal de São Carlos, 13565-905, São Carlos, São Paulo, BRAZIL; Tel 016 260-8321; Fax 016 260-8322; E-Mail garavelo@power.ufscar.br

Current work: (1) Continuing studies on the Anostomidae genera *Schizodon* and *Leporinus* (with H.A. Britski); (2) the revision of the genera *Hisonotus*, *Microlepidogaster* and *Parotocinclus* of the Hypoptopomatinae subfamily (Loricariidae) is in preparation (with S.A. Schaefer and H.A. Britski); (3) the revision of genus *Steindachneridion* with new species is planned for 2004; (4) descriptions of new species of the genera, *Hypostomus*, *Rhamdia* and *Pimelodus* from the rio Iguazu basin (with H.A. Britski and O.A. Shibatta) are coming soon.

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Current work: Please note that I had changed my e-mail address and my address to Museu Nacional (Rio de Janeiro). (1) My doctoral thesis on systematics and revision of *Sturisoma* (Siluriformes, Loricariidae) is finished (advisor Menezes, N. A.- MZUSP); (2) working on a manuscript with three new species of *Sturisoma*; (3) revision of the genus *Rineloricaria* from coastal rivers in east and southeast, Brazil (Siluriformes, Loricariidae) (w/ Oyakawa, O.T.(MZUSP) and Buckup, P. A. (MNRJ)); (3) long term study: revision and phylogenetic relationships of *Harttia* (Siluriformes, Loricariidae) (w/ Oyakawa, O.T.); (4) revision of the genus *Spatuloricaria* (Siluriformes, Loricariidae) (w/ Oyakawa, O. T.); (5) long term study: revision of the genus *Sturisomatichthys* (Siluriformes, Loricariidae) (w/ Oyakawa, O.T.); (6) working on a manuscript with new species of *Rineloricaria* from South Brazil.

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Current work: Doctoral project "Biology and ecomorphology of a coastal marine fish community in southeastern Brazil" (since August 2000); (2) description of a new and unusual feeding strategy used by the comb grouper *Mycteroperca acutirostris* (submitted to Copeia); (3) studies on the biology and mating behavior of the hairy blenny *Labrisomus nuchipinnis* (Labrisomidae) in western south Atlantic (in preparation w/F.B. Santos, J. Sabino & H.F. dos Santos); (4) coastal fish fauna from Canal de São Sebastião, São Paulo State, Brazil (in preparation w/R.M.C. Castro, F.B. Santos, B.S. Daher & H.F. dos Santos); (5) I am still working on a manuscript resultant from my M.Sc. thesis with activity, feeding behavior, diet and comparative morphology associated with feeding of *Diplacrum formosum*, *D. radiale*, *Epinephelus marginatus* and *M. acutirostris* (Serranidae). Homepage: [www.fergibran.kit.net](http://www.fergibran.kit.net)

**GILL, ANTHONY C.** Assistant Museum Curator, School of Life Sciences, PO Box 874501, Arizona State University, Tempe, AZ 85287-4501, U.S.A. Tel. (480) 965-8620; fax (480) 965 6899; e-mail: Anthony.Gill@asu.edu.

Current work: Studies listed in the last several issues on acanthomorph relationships and anatomy (particularly gobioids, pseudochromids, centrogeniids and percopsiforms) and on the systematics and biogeography of various Indo-Pacific taxa (particularly pseudochromids, xenisthmids, gobiids, *Notograptus*, *Balistapus*, *Canthidermis*, *Scatophagus*, *Retropinna* and *Lates*) continue at various rates (w/ various collaborators); recent fieldwork has been in Queensland (w/ J. Johnson and other QM staff), and northern New South Wales (w/ M. McGrouther and other AMS staff). Research effort is currently a little slow as I settle into a new position. Nevertheless, the following papers should be submitted over the next few months: (1) pseudochromine and pseudopleiopiine pseudochromids of Socotra, including descriptions of two new species (w/ U. Zajonz); (2) molecular phylogeny of the Chaetodontidae (w/ S. McDonald, D.T.J. Littlewood and T.H. Cribb); (3) description of a new *Acanthoplesiops* (w/ R.D. Mooi); (4) comment on the monophyly of the Percopsiformes (w/ G.D. Johnson); and (5) description of a new *Anisochromis* from Rodrigues. Note change of address.

**GOLANI, DANIEL.** Curator of Fishes, Department of Evolution, Systematics and Ecology, The Hebrew University of Jerusalem, 91904 Jerusalem, ISRAEL. Tel 872-2-658-5872; Fax 972-2-658-4741; E-mail dgolani@cc.huji.ac.il

Current work: (1) The marine ichthyofauna of the eastern Mediterranean, with emphasis of Red Sea colonizers species (Lessepsian migrants); (2) exotic fishes in the Mediterranean; (3) taxonomy of Holocentridae and Mullidae; (4) sandy shore and artificial reef fish communities in the Red Sea and the Mediterranean; (5) ichthyofauna of the Seychelles (w/A. Baranes, M. Goren and A. Diamant); (6) commercial fisheries in the Levant.

**GON, OFER** Senior Scientist, South African Institute for Aquatic Biodiversity (formerly the J.L.B. Smith Institute of Ichthyology), Private Bag 1015, Grahamstown 6140, SOUTH AFRICA. Tel +27 46 603-5828; Fax +27 46 622-2403; Email O.Gon@ru.ac.za

Current work: (1) work on the Apogonidae of the western Indian Ocean continues; (2) revisions of the apogonid genus *Siphamia* (w/G.R. Allen) and the *Apogon coccineus* species group (w/D.W. Greenfield) continue; (3) review of western Indian Ocean clupeiform fishes (w/M.E. Anderson) continues.

**GONZÁLEZ-ACOSTA, A.F.** Professor-Research, Colección Ictiológica, Centro Interdisciplinario de Ciencias Marinas, I.P.N., Apartado Postal 592, La Paz, Baja California Sur, MÉXICO, 23000. Tel (612) 12253-44; Fax (612) 12-53-22; E-Mail aacosta@ipn.mx

Current work: (1) I hope to finish my Ph.D. Thesis on the Systematics and biogeography of genus *Eugerres*, under the advisement of Dr. Jose Luis Castro-Aguirre, on 2004; (2) review of the eastern Pacific *Eugerres* (w/ J.L. Castro-Aguirre and J. De la Cruz-Agüero); (3) review on the *Eugerres mexicanus* complex (w/ J.L. Castro-Aguirre); (4) morphosystematic of the Atlantic species of *Eugerres*; (5) seasonal patterns of fishes associated with mangroves in BCS.

**GREENFIELD, DAVID W.** Research Associate, Department of Ichthyology, California Academy of Sciences. Mailing address: Moss Landing Marine Laboratory, 8272 Moss Landing Road, Moss Landing, CA 95039. Tel (831) 648-9115; E-Mail greenfie@hawaii.edu.

I have just retired from the University of Hawaii and moved to the Monterey Peninsula in California. My Fiji collections now are at the California Academy of Sciences where I am sorting and identifying them. Current work: finishing a paper on the gobies of Hawaii with Jack Randall; completing the description of a new garden eel from Fiji; working on a number of undescribed Fiji species.

**GUEDES, RODRIGO G.** Graduate student, UERJ (Universidade do Estado do Rio de Janeiro), FFP, Dept. de Ciências, Rua Dr. Francisco Portela 794, Paraíso CEP 24435-000 São Gonçalo RJ Brasil. Tel 552194035817 E-mail rodrigo\_uerj@yahoo.com.br.

Current work: (1) Study of the ichthyofauna from the rio Guapiassu (Cachoeiras de Macacu, RJ).

**HARTEL, KARSTEN E.** Curatorial Associate in Ichthyology, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts 02138, U.S.A. Tel (617)495-2477; Fax (617) 495-5667; E-Mail Hartel@oeb.harvard.edu

Current work: (1) Imaging of primary types continues (with C. Kenaley) with over 1,000 images (mostly types) on-line (see <http://collections.oeb.harvard.edu/Fish/FishSearch.htm>); (2) reviewing (w/ C. Kenaley) Atlantic *Photostomias* with plans to describe two new species; (3) reviewing Atlantic *Chiasmodon* to resolve status of *C. bolangeri*; (4) update NE deepsea fishes (Moore et al 2003) since there are over 20 new species-area records since that paper was submitted.

**HIDAKA, KOICHI.** Graduate student. Division of Fisheries Sciences, Faculty of Agriculture, Miyazaki University, 1-1 Gakuen-kibanadai-nishi, Miyazaki 889-2192 JAPAN. Tel (81) 985-58-7222; Fax (81) 985-58-2884; E-mail kga318u@student.miyazaki-u.ac.jp

Current work: (1) PhD thesis on the taxonomic study of the family Albulidae in the worldwide; (2) study of the ichthyofauna of coastal waters in southern Japan.

**HORN, MICHAEL H.** Professor of Biology, Dept. of Biological Science, California State University, Fullerton, CA 93834, U.S.A. Tel (714) 278-3707; FAX (714) 278-3426; E-Mail mhorn@fullerton.edu

Current work: (1) Genetic adaptation and phenotypic plasticity in gut structure and function in five related species of pricklebacks (Stichaeidae) within a phylogenetic context, with research associate Anna Gawlicka, graduate student Kelly Kim, and former graduate student Donovan German now in a Ph.D. program at the University of Florida; (2) trophic position of

these prickleback species, with graduate student Mike Saba; (3) comparison of gulf structure and ecomorphology of intertidal fish assemblages from central California and central Chile with former graduate Kelly Boyle now in a Ph.D. program at the University of Hawaii; (4) comparative gut morphology and digestive physiology of *Atherinops affinis* and two related silverside species, *Atherinopsis californiensis* and *Leuresthes tenuis*, with Anna Gawlicka and graduate students; (5) a multi-authored book entitled Ecology of California Marine Fishes, edited by Larry Allen, Michael Horn and Daniel Pondella, and scheduled for publication by the University of California Press in 2004.

**HOWE, JEFFREY C.** Fish and Wildlife Biologist, U.S. Fish and Wildlife Service, 1339 20<sup>th</sup> St., Vero Beach, FL 32960, U.S.A.. Tel (772) 562-3909; E-Mail jchow132@aol.com

Current work: In late November 2003, I accepted a position with USFWS working in the permitting office dealing with endangered and threatened species.

**HUBER, JEAN H.** Laboratoire d'Ichtyologie generale, Museum national d'Histoire naturelle, 43, rue Cuvier, 75231 Paris Cedex 05, France Mobile phone: 33 6 60 81 84 96, private phone (after 9 p.m. French time): 33 1 45 04 39 26 Private address for correspondence: 7 Boulevard Flandrin, 75116 Paris, FRANCE. e-mail: huber.mnhn@ifrance.com or author@killi-data.org

Current work: (1) Fauna of the Congo cuvette; (2) types of BMNH; (3) "*Cyprinodon*" martae from Wiener NMW; (4) issues of ICZN for oviparous Cyprinodonts; (5) family Profundulidae for Bill Eschmeyer's Annotated List; (6) material from Peru, Colombia, Paraguay, Gabon. Specialized in oviparous Cyprinodontiformes (Aplocheilidae, Rivulidae, Fundulidae, Profundulidae, Aplocheilichthyinae, Cyprinodontidae).

**HUTCHINS, J. BARRY.** Curator of Fishes, Dept of Aquatic Zoology, Western Australian Museum, Francis St, Perth, Western Australia 6000, AUSTRALIA. Tel 618 94272744; FAX 618 94272882; E-mail barry.hutchins@museum.wa.gov.au

Current work: (1) Description of a new *Paraluteres* (Monacanthidae) from the Indian Ocean (with J. Randall); (2) revision of the gobioid genus *Parvicrepis* (with G. Moore); (3) revision of the monacanthid genus *Thamnaconus* (with K. Matsuura); (4) systematics and biogeography of the monacanthid fishes; (5) continuing studies on tropical reef fish recruitment in temperate Australia; (6) checklists of fishes of the Recherche Archipelago and Shark Bay, Western Australia. I am planning to visit New Zealand in early 2004 to prepare a family treatment for the Gobioidae of that country. If time permits, I hope to join R. Mooi and T. Gill in our northern Kimberley region to find and collect specimens of two rare eleotrids in late 2004. (See also general announcements).

**INGENITO, LEONARDO F.S.** Graduate student. Museu Nacional, Universidade Federal do Rio de Janeiro, Departamento de Vertebrados, Setor de Ictiologia, Quinta da Boa Vista s/n, São Cristovão. 20940-040 Rio de Janeiro, RJ, BRAZIL. Tel +55 21 2568-1319 (r. 249); FAX +55 21 2568-8262 (r. 232); E-Mail: lfsi@uol.com.br

Current work: (1) Finishing my M.Sc. dissertation on Southwestern region of Mantiqueira's Mountain Ridge as biogeographic barrier for fishes (advisor: P.A. Buckup); (2) phylogeny of Parodontidae (my Ph.D thesis project) should start during the first half of 2004 (advisors: P.A. Buckup and C.S. Pavanelli); (3) description of a new *Parodon* from Sapucaí river basin (Parodontidae) (w/ P.A. Buckup); (4) description of two new *Trichomycterus* from Southwestern region of Mantiqueira's Mountain Ridge (Trichomycteridae) (w/ F.A. Bockmann and P.A. Buckup); (5) taxonomic revision of *Rineloricaria* from Paraíba do Sul river basin and costal streams from Rio de Janeiro (Loricariidae) (w/ A.T. dos Santos, M.S. Ghazzi and P.A. Buckup); (6) preparing the results of my Graduate monography on usage of otoliths on differentiation of four species of *Astyanax* from Upper Iguazu river (Characiformes) (w/ V. Abilhoa); (7) taxonomic studies of fishes from Upper and Middle Iguazu river, and its relationship with coastal drainages from Paraná and Santa Catarina States (w/ L.F. Duboc and V. Abilhoa); (8) an identification key to the fishes from Upper Iguazu river basin, mentioning five species for the first time in this basin, has been recently submitted for publication (w/ L.F. DUBOC and V. ABILHOA); (9) survey and ecology of fishes from Morato river basin, a coastal stream from Paraná State (w/ L.F. Duboc, M.S. Tokarski, V. Abilhoa, and F. Popazoglo).

**ISHIHARA, HAJIME** Marine Biologist, Institute of skatology, 10-11-203 Minamifujisawa, Fujisawa, 251-0055 JAPAN. Tel. & Fax: +81-466-235550; E-Mail: skatolog@fsinet.or.jp

Current Work: (1) Systematic study of the superorder Batoidea; (2) systematic study of the freshwater elasmobranchs in India, southeast Asia and Madagascar (w/ T. Taniuchi and Sho Tanaka); (3) systematic study of the family Dasyatidae (w/M. Manjaji and P. Last); (4) research of the endangered



elasmobranchs with SSG/IUCN, (5) research of an extinct species in Japan, *Onchorhynchus kawamurae* (w/H. Sugiyama and K. Suzuki). From January to March, I was staying in Sumatra Island and recorded (took photos of) about 50 freshwater fishes from Bangkinang, Kampar Regency, Indonesia. In August, I visited California Academy of Sciences and met all of the CAS staffs except for John McCocker and Mysi Hoang, who were in the fields. Then, I visited the Pacific Shark Research Center, Moss Landing to see Greg Cailliet, David Ebert and other skates ladies. Presently am studying art of shark skin with Kanakao Morinaka and studying landed egg-capsules of skates with a beachcomber, Izumi Hanno.

**IWAMOTO, TOMIO** Curator, Dept. of Ichthyology, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118 USA Tel: 415-750-7054; fax: 415-750-7148; email: tiwamoto@calacademy.org

Current work: A month's visit to five Australia museums in February-March involved work on grenadiers for Australia's bioregionalisation project to model the biogeographic distribution of Australia's slope fauna. Most of that work completed with Alan Williams of CSIRO. From 9 May to 6 June participated in NORFANZ cruise, a joint venture of New Zealand and Australia to sample slope fauna of seamounts of Norfolk Ridge and Lord Howe Rise. Cruise very successful, resulting in lots of rare and new species of fishes and invertebrates, including three new grenadiers and several new records. One week spent at Museum of New Zealand (NMNZ) following cruise working with Peter McMillan (NIWA) on grenadier chapter for Clive Roberts's NZ Fish Guide. Plans are currently underway for our move to transition facilities in South of Market area of San Francisco; the Academy will be closed to the public after 31 Dec. 2003. The Dept. of Ichthyology will move in late March thru early April 2004; please avoid visiting during those months, as our collections are likely to be inaccessible. However, after our move we expect to have all collections accessible in our transition facilities, where we shall be until 2008 while a brand new state-of-the-art building is constructed at the old Golden Gate Park site. Reductions in staff time (FTE) of curatorial technicians during transition period will cause some reductions in our ability to handle requests from ichthyological community. Please bear with us for we will make every attempt to meet normal loan and service requests. Manuscript on new species of *Caelorinchus* from Walters Shoals completed and undergoing review.

**JAAFAR, ZEEHAN**. Graduate student, Department of Biological Sciences, National University of Singapore, 14 Science Drive 4, SINGAPORE 117543 Tel: +65 68746867; Fax: +65 67792486; Email: scip1157@nus.edu.sg

Current work: Working on the systematic revision and phylogeny of the gobiid genus *Acentrogobius* for a PhD at the University of Singapore. The dissertation includes the use of molecular tools to aid in elucidation of the phylogeny of this taxa. Also interested in biological, ecological and taxonomic aspects of the subfamily Gobiinae and Oxudercinae.

**JAWAD, LAITH A.** Museum of New Zealand, Te Papa, 169 Tory Street, Wellington, NEW ZEALAND. Tel. (64) 4 381 7355, Fax 64 4 381 7310; e-mail laithj@tepapa.govt.nz

Current work: I am still engaged in the Ph.D. research program working on the morphological phylogenetic of the triplefin fishes. One paper already accepted for publication in J. Roy Soc. NZ on erection of a new tripterygiid genus, *Matanui*. This genus contain the previously known triplefin species *Forsterygion bathytaton* and *F. profundum*. The second paper about the revision of the genus *Forsterygion* to include *Obliquichthys maryannae*, *Grahamina capito*, *G. gymnota* and *G. nigripenne* in addition to the four usual *Forsterygion* species.

**JAYARAM, K.C.** (Retired) Joint Director, Zoological Survey of India, "Padmaja", New No. 2 (Old No. 22), III Main Road, Officers Colony, Adambakkam, Chennai 600 088, INDIA, Tel (044) 2245 2843. E-mail:jayramkc@hotmail.com, bagridjayram@yahoo.co.in

Current work: (1) Investigations carried out on the Deccan Mahseer fishes under the aegis of the Pitambar Pant National Environment Fellowship of the Ministry of Environment & Forests, Govt. of India has been completed. The results have been put in the form of a monograph: "The Deccan Mahseers: their ecostatus and threat percepts". It is ready for publication. Of the three species *Tor khudree* (Sykes), *Tor mussullah* (Sykes) and *Tor neilli* (Day) the last has been assessed as critically endangered, even extinct; the second one as endangered in Kerala and vulnerable in Maharashtra and the third as not threatened. The generic and specific status of *Tor mussullah* so far considered as synonymous with *Tor khudree* has been clarified through statistical analysis and cytogenetic study as a distinct species. (2). I am compiling a book on the Catfishes of India incorporating the latest phylogenetic studies on different families; an attempt is being made to illustrate each species. (3). The systematic account of the fish fauna of the Krishna river system is being written out as a joint paper with some colleagues in the ZSI, Chennai. Authors

who have papers on Catfishes of the Indian region are requested to send me reprints.

**JEREP, FERNANDO CAMARGO**. Undergraduate student in Biology, Universidade Estadual de Londrina, 86051-990, Londrina, PORTO RICO. E-mail: fjerep@pop.com.br

Current work: (1) Traditional and molecular systematic of the genus *Hypostomus* (Siluriformes, Loricariidae) of Rio Paranapanema Basin (under supervision of Oscar A. Shibatta); (2) survey of fishes from Cambé stream, Londrina, PR, Brazil (under supervision of Oscar A. Shibatta).

**KAEFER, CINTIA**. Graduate Student, PUCRS - Laboratório de Ictiologia, Museu de Ciências e Tecnologia – PUCRS, Av. Ipiranga 6681, P. O. Box 1429, 90619-900 Porto Alegre, RS, BRASIL. Tel: +55 51 3320-3500, Ramal 4413; Fax +55 51 3203900 e-mail: cintiakaefer@terra.com.br

Current work: (1) Taxonomic revision and phylogenetic interrelationships of species the genus *Lepthoplosternum* (Callichthyidae) (w/ R. Reis).

**KIMURA, SEISHI** Associate Professor, Fisheries Research Laboratory, Mie University, P.O. Box 11, Wagu, Shima, Mie 517-0703 JAPAN; Tel +81-599-85-4604; Fax +81-599-85-5492; E-Mail: kimura-s@bio.mie-u.ac.jp

Current work: (1) revision of Indo-Pacific leiognathid fishes (family Leiognathidae) (w/Y. Iwatsuki, T. Yoshino & P. V. Dunlap); (2) revision of Indo-Pacific marine atherinid fishes (family Atherinidae) (w/ Y. Iwatsuki & T. Yoshino); (3) revision of the genus *Gerres* (family Gerreidae) (w/Y. Iwatsuki); (4) studies on the ichthyofauna of the SE Asian waters (w/ K. Matuura); (5) revision of the genus *Zoarchias* (family Stichaeidae); (6) study of the ichthyofauna of Kumano-nada, Pacific coast of central Japan (including the mesopelagic fishes); (7) study of larval fish fauna of Ago Bay, Pacific coast of central Japan.

**KRUPP, FRIEDHELM**. Curator of Fishes, Senckenberg Research Institute and Natural History Museum, Senckenberganlage 25, 60325 Frankfurt/M., GERMANY. Tel +49-69-7542255, Fax +49-69-7542253; E-Mail fkrupp@senckenberg.de

Current work: (1) Taxonomy, systematics and biogeography of the marine fishes of the Arabian Seas Region, particularly the Arabian (Persian) Gulf and Socotra Archipelago; (2) taxonomy, systematics and biogeography of the freshwater fishes of SW Asia; (3) review of the conservation status of freshwater fishes of the Arabian Peninsula; (4) coordination of the Zoological Survey of Arabia; (5) revision of the electronic database of the Senckenberg fish collection, which will become accessible on FishBase by the end of 2003.

**KULLANDER, SVEN O.** Senior Curator, Department of Vertebrate Zoology, Swedish Museum of Natural History, POB 50007, SE-104 05 Stockholm, SWEDEN. Tel +46-8-5195 4116; Fax +46-8-5195 4212; E-mail sven.kullander@nrm.se

As deputy head of the Vertebrate Department during 2003, my fish activities were somewhat curtailed. Work should continue with emphasis on South American cichlids and Asian cyprinids. CLOFFSCA appeared in 2003, including a checklist of the Neotropical Cichlidae. We conclude the European Commission (EC) funded ECOCARP project (2001-2003), searching for new aquaculture fishes in China. We started collecting and sequencing fish for another EC project, FISHTRACE, an online genetic catalog of European marine fishes, with Michael Norén doing most of the work. We established a FishBase secretariat at NRM. Oldrich Rican is revising the heroin cichlids under my supervision. In 2004 I will start on a systematic catalog of Swedish fishes, to be published in 2006, and expect to get published papers on *Garra*, various Chinese cyprinids, and some cichlid backlogs, alone or with a number of co-authors.

**LANDIM, MARIA ISABEL**. Graduate student, Secao de Peixes, Museu de Zoologia da Universidade de Sao Paulo, Caixa Postal 42594, São Paulo, SP 04299-970, BRAZIL. Tel: +55 (11) 6165-8119. E-mail: milandim@usp.br.

Current work: (1) Finishing the preparation of my MS dissertation on Geophaginae (Perciformes: Cichlidae) for publication; (2) describing some new cichlid species and; (3) PhD on phylogenetic analysis (morphology) of Cichlidae.

**LISSO A., CARLOS A.** Curator of Fishes and Manager Research Scientist. Museo de Historia Natural La Salle, Fundación La Salle de Ciencias Naturales, Apdo. 1930, Caracas 1010-A, VENEZUELA. Tel. (58-212-7938321), e-mail carlos.lasso@fundacionlasalle.org.ve; lassoc@hotmail.com; Fax: 58-212-7937493

Current work: (1) Ichthyofauna of Caura River basin (Orinoco drainage) (with C. Vispo, D. Taphorn, A. Machado-Allison and O. Lasso-Alcalá); (2) study of the ichthyofauna of Upper Caroni River basin and the Canaima National Park (Orinoco drainage) (with O. Lasso-Alcalá); (3) study of Trophic

ecology of the fish community in a venezuelan Guayana black river (with O. Lasso-Alcalá); (4) Ichthyofauna of Golfo de Paria and Río Tuy basin (with F. Provenzano and O. Lasso-Alcalá); (5) Ichthyofauna of Cataniapo River basin, Amazonas State (Orinoco drainage) (with F. Provenzano, J. Fernandez and A. Cervó); (6) description of new species of *Galeocharax* (Characidae) from Venezuela (Orinoco Drainage) (with D. Taphorn); (7) descriptions of new species of *Trichomycterus* (Trichomycteridae) from Upper Caroni River basin (Orinoco Drainage) (with F. Provenzano); (8) descriptions of a new species of *Cyphocharax* (Curimatidae) from Upper Caroni River Basin (Orinoco Drainage) (with O. Lasso-Alcalá and R. Vari); (9) description of a new species of *Apareiodon* (Parodontidae) from Upper Caroni River basin (Orinoco Drainage) (with O. Lasso-Alcalá, A. Machado-Allison and other colleagues); (10) study of introduction of fishes in continental waters of Venezuela (with O. Lasso-Alcalá and J. P. Rodríguez); (11) study of the Marine Ichthyofauna of Venezuela: Taxonomical revision of The Collection of Fishes, "Museo Oceanológico Hermano Benigno Román, Estación de Investigaciones Marinas de Margarita" (MOBR-EDIMAR) (with O. Lasso-Alcalá and J. C. Capelo); (12) new records of marine fishes from Venezuela (with O. Lasso-Alcalá and J. C. Capelo); (13) expedition AquaRAP 2002 (Conservation International) from Gulf of Paria and Orinoco Delta, Venezuela (with O. Lasso-Alcalá and M. Smith); (14) new records of brackish fishes from the north coast of South America and Western Central Atlantic (with O. Lasso-Alcalá, F. Pezold and M. Smith); (15) checklist and distribution of native fresh water fishes of Venezuela (with O. Lasso-Alcalá, D. Taphorn, C. DoNascimento, F. Provenzano and other colleagues); (16) checklist of threatened fresh water fishes of Venezuela (with O. Lasso-Alcalá and other colleagues); (17) expedition AquaRAP 2003 (Conservation International) from Ventuari and upper Orinoco river, Amazonas State, Venezuela (with O. Lasso-Alcalá, D. Taphorn and O. León); (18) checklist and distribution of species of genus *Awaos* (Gobiidae) from Venezuela (with O. Lasso-Alcalá and other colleagues); (19) editor of the journal: "Memoria de La Fundación La Salle de Ciencias Naturales"

**LASSO-ALCALÁ, OSCAR M.** Assistant of Curator of Fishes and Research Scientist. Museo de Historia Natural La Salle, Fundación La Salle de Ciencias Naturales, Apdo. 1930, Caracas 1010-A, VENEZUELA. Tel. 58-212-7938321, Fax: 58-212-7937493; e-mail oscar.lasso@fundacionlasalle.org.ve; lasso\_alcala@hotmail.com

Current Work: (1) Ichthyofauna of Caura River basin (Orinoco drainage) (With C. Vispo, D. Taphorn, A. Machado-Allison and C. Lasso); (2) ichthyofauna of Upper Caroni River basin and the Canaima National Park (Orinoco drainage) (with C. Lasso); (3) study of trophic ecology of the fish community in a venezuelan Guayana black river (with C. Lasso); (4) ichthyofauna of Golfo de Paria and Tuy River basin (with C. Lasso, F. Provenzano, and other colleagues); (5) description of a new species of *Cyphocharax* (Curimatidae) from Upper Caroni River basin (Orinoco drainage) (with C. Lasso and R. Vari); (6) description of a new species of *Apareiodon* (Parodontidae) from Upper Caroni River basin (Orinoco drainage) (with C. Lasso, A. Machado-Allison and other colleagues); (7) Study of introduction of exotic fishes in continental waters of Venezuela (with C. Lasso, J. P. Rodríguez and other colleagues); (8) Study of the Marine Ichthyofauna of Venezuela: Taxonomical revision of The Collection of Fishes, "Museo Oceanológico Hermano Benigno Román, Estación de Investigaciones Marinas de Margarita" (MOBR-EDIMAR): (with C. Lasso, and J. C. Capelo); (9) new records of marine fishes from Venezuela (with C. Lasso, J.C. Capelo and E. Klein); (10) expedition AquaRAP 2002 (Conservation International) from Gulf of Paria and Orinoco Delta, Venezuela (with C. Lasso, and M. Smith); (11) new records of brackish fishes from the north coast of South America and Western Central Atlantic (with C. Lasso, F. Pezold and M. Smith); (12) study of coral reef fish communities of small rotenone stations in western central coast, Venezuela (with E. Villamizar); (13) biodiversity of coral reef fishes of Turiamo Bay, western central coast, Venezuela (with E. Klein, M. Kurten and E. Villamizar); (14) checklist and distribution of natives fresh water fishes of Venezuela (with C. Lasso, D. Taphorn, C. DoNascimento, F. Provenzano and other colleagues); (15) checklist of threatened fresh water fishes of Venezuela (with C. Lasso and other colleagues); (16) expedition AquaRAP 2003 (Conservation International) from Ventuari and upper Orinoco river, Amazonas State, Venezuela (with C. Lasso, D. Taphorn and O. Leon); (17) checklist and distribution of species of genus *Awaos* (Gobiidae) from Venezuela (with C. Lasso and other colleagues).

**LEHMANN, PABLO.** Graduate Student Fellow CNPq - IEL Nacional - Brasil, Zoology Ph.D. Candidate., PUCRS - Laboratory of Ichthyology - Museum of Science and Technology (MCP), Porto Alegre - BRASIL. <http://www.mct.pucrs.br/lab/museu/ictio/portugues/students-pablo.htm> Permanent address: Av. Ipiranga 6681, Cep:90.619-900. Porto Alegre, RS - Brasil; Tel: (55-51) 3320-3500, Ramal 4413; Fax: (55-51) 33203903; E-mail:

plehmann@pucrs.br. Temporary address: Carrera 6 # 43N66, Popayan, Cauca - Colombia. (till March 2004). Tel: (5728) 235668; E-mail: pablolehmann@hotmail.com

Current work: (1) PhD Thesis Research: Phylogenetic analysis of the *Parotocinclus* catfishes (Ostariophysi: Loricariidae: Hypoptopomatinae). Advisor: Dr. Roberto E. Reis; (2) revision systematic of the neotropical armored catfish genus *Callichthys* (Ostariophysi: Siluriformes: Callichthyidae). Together with Roberto E. Reis (MCP, PUC-RS); (3) ecology and taxonomic studies on the ichthyofauna of the Colombia; (4) description of a new species of *Otocinclus* catfish from the upper Amazon River (Loricariidae: hypoptopomatinae); (5) a new species of trans-Andean catfish of the genus *Pseudopimelodus* from Colombia (Siluriformes: Pseudopimelodidae)

**LEIS, JEFFREY M.** Principal Research Scientist, Ichthyology, Australian Museum, 6 College Street, Sydney, NSW 2010, AUSTRALIA. Tel. 61 2 9320 6242; Fax 61 2 9320 6059; email: jeffl@austmus.gov.au

Work continues on descriptions of temperate Australian fish larvae. Two papers [Labridae, Aploactinidae] are in press, and future descriptions [including Aulopidae, Cepolidae, Percichthyidae, Sillaginidae] will appear on the AMS website in the format of Neira et al (1998) Larvae of Temperate Australian Fishes. Also in the works is a web-based summary of the available descriptions of early-life history stages of the fishes of New South Wales. This work is in collaboration with A Hay, A Miskiewicz, and/or T Trnski. A slightly updated, soft cover version of Leis & Carson-Ewart (2000) Larvae of Indo-Pacific Coastal Fishes will appear early in 2004 (see New Publications). The main research emphasis in the next few years will be on the ontogeny of behaviour and sensory abilities in marine fish larvae. This in collaboration with D Clark, D Higgs, K Poling, K Wright and others. The long-delayed paper on larval development in the lutjanid subfamily Lutjaninae is further delayed. One day field work is planned at Lizard Island, Great Barrier Reef in Dec 2003, and in Taiwan in May 2004. Check out our website at [www.amonline.net.au/fish](http://www.amonline.net.au/fish).

**LI, MING-DE.** Nankai University, South West Village, 51 Building, Room 401, Tianjin, PEOPLE'S REPUBLIC OF CHINA. See Reference Section.

**LIMA, FLÁVIO C.T.** Ph.D. Student, Museu de Zoologia da Universidade de São Paulo, Caixa Postal 42594, 04299-970, São Paulo, SP, BRAZIL. Tel + 55 11 6165 8119; E-mail fclima@usp.br

Current work: (1) Revision and phylogenetic relationships of *Salminus* (Characiformes: Characidae) (Ph.D. project); (2) revision of cis-andean species of *Brycon* (Characiformes: Characidae); as mentioned in the previous NSI issue, the completion of the revision depends on the examination of type material deposited in european museums, some that hopefully I will undertake next year. Meanwhile I submitted the description of a new *Brycon* species from the rio Tocantins basin; (3) revision of *Thayeria* (Characidae), probably to be finished next year (w/ C. Moreira); (4) description of two new *Gelanoglanis* (Auchenipteridae) from Amazon basin in Brazil (w/L. Soares-Porto & A. Akama); (5) systematics of *Aspidoras* (w/ M. Britto); (6) revision of *Megalancistrus* (Loricariidae) (w/ F.Bockmann & F. Vieira); (7) a new odd-looking characid from Chapada Diamantina, Brazil (w/F. Di Dario & P. Gerhard); (8) a new *Bryconops* (Characidae) from upper rio Arinos, Brazil (w/B. Chernoff & A. Machado-Allison); (9) description of a new *Aphyocharacidium* (Characidae) from the upper rio Paraguay basin (w/H. Britski); (10) redescription of *Hemigrammus jaguaribensis* (Characidae), with a key for the small tetras from northeastern Brazil; (11) redescription of *Corydoras flaveolus* (Callichthyidae) (w/M. Britto); (12) a new Hypoptopomatinae (Loricariidae) from the upper rio Araguaia basin (w/C.Moreira); (13) a new dwarf *Parotocinclus* (Loricariidae) from upper rio Tocantins basin (w/ H. Britski & J.C. Garavello); (14) new *Astyanax* (Characidae) from the lower rio Xingu (w/J Zuanon); (15) new *Knodus* (Characidae) from the upper rio Paraguay (w/H. Britski).

**LOURIE, SARA A.** Department of Biology, McGill University, 1205 Avenue Dr Penfield, Montreal, H3A 1B1, Québec, CANADA. Tel: +1 (514) 398 8306, Fax: +1 (514) 398 5069, Email: slouri@po-box.mcgill.ca

Current work: (1) Taxonomic revision and biogeography of Indo-Pacific seahorses (Syngnathidae: *Hippocampus*), using morphological and molecular techniques; (2) description of new species of pygmy seahorses. Expected thesis submission December 2003. Based at McGill University under the supervision of Dr Amanda Vincent.

**LUCINDA, PAULO H. F.** Curator of Fishes and researcher, Laboratório de Ictiologia Sistemática (UNT), Universidade Federal do Tocantins - UFT, Campus de Porto Nacional, rua 3, quadra 17, s/n Jardim dos Ipês. 77.500.000 Porto Nacional - TO - BRASIL. Tel /Fax +55 (63) 363.5082/+55 (63) 363.5296. Email: lucinda@pucrs.br.

Current work: (1) At last! I concluded my phylogeny hypothesis and a proposal of classification for the subfamily Poeciliinae (Cyprinodontiformes: Poeciliidae) as part of my Ph.D. thesis under advise of Dr. Roberto E. Reis (submitted); (2) At last, I also concluded the taxonomic revision and phylogeny of the tribe Cnesterodontini, including the taxonomic revision of the genera *Cnesteron*, *Phalloceros*, *Phallotorynus* and *Phalloptychus* (Cyprinodontiformes: Poeciliidae) (as part of my Ph.D. thesis under advise of Dr. Roberto E. Reis (submitted)); (3) Phylogenetic studies on Poeciliinae; (4) description of a new species of the genus *Cnesteron* (Cyprinodontiformes: Poeciliidae) from the rio Uruguai drainage (w/ Juan Anza & Luiz R. Malabarba); (5) description of a new poeciliid species (Cyprinodontiformes: Poeciliidae) (from the rio Paraguai drainage) (w/ C.A.A. Figueido & H.A. Bristki); (6) description of a new species of the genus *Moenkhausia* (Characiformes, Characidae) w/ Luiz Malabarba (submitted); (7) geographical variation on *Roeboexodon geryi* populations (w/ Carlos Lucena) (submitted); (8) taxonomic revision of the genus *Bryconops* (Characiformes, Characidae) in the rio Tocantins drainage (w/ Thales L.O. Guedes); (9) description of a new species of the genus *Panaque* (Siluriformes: Loricariidae) from the rio Tocantins drainage; (10) description of two new species of the *Hypostomus cochliodon* group (Siluriformes: Loricariidae) from the rio Tocantins drainage (w/ Roberto E. Reis); (11) description of a new species of the genus *Tyttobrycon* (Characiformes, Characidae) from the rio Tocantins drainage (w/ A. B. Soares); (12) taxonomic revision of the *Potamotrygon* species (Miliobatiformes: Potamotrygonidae) of the rio Tocantins drainage (w/ Marcelo R. Carvalho); (13) taxonomic revision of *Loricariichthys* (Siluriformes: Loricariidae) in the rio Tocantins drainage (w/ Edson H. L. Pereira).

**MATTOX, GEORGE MENDES TALIAFERRO.** Graduate Student (Master's). Dept. de Zoologia, Universidade de São Paulo. Caixa Postal 11461; 05422-970 São Paulo, SP, BRAZIL. Tel: (011) 3091-7482. Fax: (011) 3091-7802. Email: gmattox@ib.usp.br

Current work: (1) Master's Dissertation – Taxonomic revision of the *Hoplias macrophthalmus* species group (Ostariophysi: Characiformes) and description of the osteology and cranial musculature of *Hoplias macrophthalmus*, advisor: Mônica Toledo-Piza, expected completion date: late 2004; (2) taxonomic revision of the *Hoplerthrinus* and *Erythrinus* genera (Characiformes: Erythrinidae), with Mônica Toledo-Piza and Osvaldo Oyakawa.

**McCOSKER, JOHN E.** Chair of Aquatic Biology, California Academy of Sciences, San Francisco, CA 94118-4599, USA. Tel. (415) 750-7249; Fax (415) 750-7148; email jmcosker@calacademy.org

Current work: (1) Review of deepwater (>200m) *Ophichthus* including several new species from Indian, western Pacific and eastern Atlantic oceans; (2) description of a new carapid from Pacific Panama with John Olney; (3) description of a deepwater Galapagos fish, including a catshark with Leonard Compagno and Carole Baldwin and scorpaeonids with Stuart Poss; (4) description of a new strange-toothed *Gymnothorax* from Indonesia with Jack Randall; (5) monograph of ophichthid eels of Australia; (6) expect to complete, with Dave Smith, the ophichthid eel chapter for the Western Indian Ocean volume; (7) general review of the Galápagos ichthyofauna with Dick Rosenblatt; (8) completing updated attack history of white sharks in the eastern Pacific, 1994-2003, with Bob Lea; (9) involved with Moore Foundation Biodiversity initiatives; and (10) I expect to be making submarine dives and collections in a variety of tropical eastern Pacific locations.

**McDOWALL, ROBERT M.** National Institute of Water and Atmospheric Research, PO Box 8602, Christchurch, NEW ZEALAND. Tel (3) 348-8987; Fax (3) 348-5548; email: r.mcdowall@niwa.co.nz

Current work: Have spent much of the past year dealing further with galaxioid systematics and relationships, describing new species still turning up, and exploring generic relationships in some groups. Have produced a small booklet on the freshwater fishes of the Falkland Islands (in press); continue an interest in diadromy, globally, both for its own sake, and also as a key element in the biogeography of some groups (yes: dispersal lives!).

**MECKLENBURG, CATHERINE W.** Associate Specialist, University of California, Santa Barbara, Marine Science Institute; Field Associate, California Academy of Sciences, Department of Ichthyology; and Point Stephens Research, P.O. Box 210307, Auke Bay, Alaska 99821 U.S.A. Tel (907) 789-7603; Fax (907) 789-7693; E-mail ptstephens@alaska.com

Worked with CAS taxonomic checklist team to launch the new series *Annotated Checklists of Fishes*, with 20 on CD 1. Authored checklists of Anoplopomatidae, Hexagrammidae (with W. N. Eschmeyer), Rhamphocottidae, Hemitriptidae, Cyclopteridae (with B. A. Sheiko), Bathymasteridae, Cryptacanthodidae, Pholidae, Anarhichadidae, Scytaliniidae, Ptylichthyidae, Zaproridae, and Icosteidae. Currently working on additional checklists, including Stichaeidae (with B. A. Sheiko), Agonidae (senior author

B.A. Sheiko), Cottidae (with Yabe and Sideleva), and Chiasmodontidae (with K. Hartel), to be published on CD 2 (December 2003) and CD 3 (early 2004). Gathered data for checklists in research visits to USNM, UW, and CAS collections, and from specimens collected recently around Alaska and in Okhotsk Sea. Participated in U.S. Fish & Wildlife Service survey of maritime national wildlife refuge around Kasatochi Island and vicinity, Aleutian Islands. Work continues with B. A. Sheiko on an identification guide to Cyclopteridae of the world; and with M. Love, T. A. Mecklenburg, and L. K. Thorsteinson on checklist of marine West Coast fishes from Baja California to Arctic Alaska-Canada boundary.

**MILLER, RICHARD GORDON.** Research Associate, Foresta Institute for Ocean and Mountain Studies, 3375 E 2nd St, Tucson, AZ 85716, U.S.A. Tel. (520) 327- 8924.- (or-2911), Research Associate, Univ. Arizona. (Use same address).<forstinst@aol.com >

Current work: (1) Revising "History and Atlas of the Fishes of the Antarctic Ocean" and soliciting observations, additions, corrections. (A few copies still available at ASIH price; free blurbs for your librarian - or see Amazon.com); (2) attempting revision of subfamily Pleuragramminiini of Antarctic waters; (3) organizing a survey of the cottid (Suborder Cottoidei, Order Scorpaeniformes) distributions in the northern hemisphere marine and freshwaters; (4) organizing case for control and enforcement of market ban on 'Chilean sea bass' and 'toothfish' (Perciformes, Nototheniidae, *Dissostichus* 3 species) look-alikes, emphasizing taxonomic I-Ds; (5) advocating distinctive use of name 'Antarctic Ocean' for all waters south of the Antarctic Convergence; (6) depositing personal ichthyological - marine biol. - oceanography - aquarium library, books, separates and data files, with Moss Landing Marine Laboratories - Monterey Aquarium Research Institute (MLML - MBARI) Library. (Any ichthyologist - oceanographer - student (polar or other) would do well to examine this source, as well as Reno's Desert Research Institute and U. Nevada Library - Special Services; (7) arranging accounts of personal shore fish collecting and exploring in waters of Mexico (San Quintin, San Lucas, La Paz, Loreto, San Felipe, Agua Charlie, Pto. Penasco, Bahia Kino, San Carlos; Cozumel, Cenote Djibichaltun). Kenya (Malindi), N.Z. (w. coast). Fiji (w. shores). Also in U.S. waters (Lakes Tahoe, Pyramid, Carson, Walker and adjacent rivers, and desert hot springs; (8) I continue urging associates and all to make contact, support and follow the World Conservation Union (IUCN) - especially its Species Survival Commission, Environmental Education Commission - in its protection of the global biota and habitat. Also do support the work of the Desert Fishes Council, and your ASIH and CAS in protecting Fishes, habitat waters - and ichthyologists

**MINCARONE, MICHAEL M.** Curator of Fishes, Museu Oceanográfico do Vale do Itajaí, Universidade do Vale do Itajaí, CP 360, 88302-202, Itajaí, SC, BRAZIL. Tel (55) 261-1287. E-mail: mincarone@bc.univali.br

Current work: (1) Continued research on systematics of hagfishes (Myxinidae); (2) continued work on the phylogeny of the family Myxinidae (PhD Thesis w/ Roberto E. Reis, Museu de Ciências e Tecnologia da PUCRS); (3) completion of manuscripts describing a new species of *Eptatretus* from Galápagos Islands (w/ John McCosker); (4) catalogue of marine fishes from Brazil, family Myxinidae (w/ Naércio A. Menezes and editors); (5) taxonomy of some groups of Scorpaeniformes and Stomiiformes from Southwestern Atlantic (w/ Adriano T. Lima); (6) from September to December I was at the California Academy of Sciences, San Francisco, researching hagfishes. I would like to thank William N. Eschmeyer, John E. McCosker, Tomio Iwamoto and all the staff of the Ichthyology Department for kindly receiving me there!

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Current work: (1) Global revision of Dinematichthyini (Bythitidae) (with W. Schwarzhanz & J.G. Nielsen); (2) molecular phylogeny of Liparidae (with S. Knudsen & P. Gravlund); (3) Check-list of the fishes of Greenland (with J.G. Nielsen).

**MOREIRA, CRISTIANO R.** Seccao de Peixes, Museu de Zoologia da Universidade de Sao Paulo, Caixa Postal 42494, São Paulo, SP 04218-970, BRAZIL. Tel +55 (11) 6165-8119, Fax +55 (11) 6165-8113. Email cmoreira@ib.usp.br

Current work: (1) PhD thesis dealing with the higher-level interrelationships within the Characiformes (W/ M.C. C. de Pinna & R.P. Vari); (2) the relationships within the Iguanodectinae (Characidae) is ready, and waiting the completion of the groups revision to be published; (3) redescription of *Iguanodectes rachovii* is almost ready, and will be submitted soon; (4) revision of *Thayeria* (w/ F. Lima) should be ready in 2004; (5) a new *Caiapobrycon* (w/ R. Vari) from the Xingu and Tapajos basins; (6) survey of the head

myology of the order Characiformes (with M. Toledo-Piza and D. Almeida); (7) description of a new *Leptagoniates* from Tocantins (w/ R. Quevedo and C. Nolasco); (8) description of a new species of *Hyphessobrycon* from rio Trombetas (w/ F. Lima).

**MORI, HORÁCIO.** Graduate Student. Mestrado em Ciências Biológicas, Centro de Ciências Biológicas, Universidade Estadual de Londrina. 86051-990 Londrina, PR, BRASIL. Tel. (43) 3371-4631, E-mail: horaciomori@hotmail.com

Current work: (1) Geographic distribution evaluation of species from the genus *Microglanis* (Siluriformes: Pseudopimelodidae); (2) taxonomic review of the genus *Microglanis* (Pseudopimelodidae) of the Brazilian's coastal drainages.

**MOTOMURA, HIROYUKI.** Postdoctoral Research Fellow of the Japan Society for the Promotion of Science for Research Abroad. Ichthyology, Australian Museum, 6 College Street, Sydney, NSW 2010, AUSTRALIA. Fax: +61 2 9320 6059; E-mail: motomurah@austmus.gov.au.

Current work: (1) Revision of the genus *Neosebastes* (Neosebastidae); (2) taxonomic study of the family Scorpaenidae; (3) larvae of the family Scorpaenidae; (4) revision of the family Banjosidae; (5) taxonomic study of the family Tripterygiidae; (6) ichthyofauna of freshwater fishes of Cambodia.

**MUNROE, THOMAS A.** Systematic Zoologist, National Marine Fisheries Service National Systematics Laboratory, National Museum of Natural History, Washington, DC 20560, U.S.A.. Tel (202) 357-4255; Fax (202) 357-2986; Email: munroe.thomas@nrmh.si.edu

Current work: (1) Continued research on systematics of flatfishes, especially families Soleidae and Cynoglossidae; (2) continued work on a systematic revision of *Soleichthys* (Soleidae); (3) completion of manuscripts (some with co-authors) describing new species of *Soleichthys*, *Symphurus* and *Cynoglossus* from Indo-Pacific waters; (4) continued work on FAO species catalogues on pleuronectid flatfishes of the world (Pleuronectidae) co-authored with A. Cooper, Canada, and scophthalmid flatfishes with B. Chanet, France; (5) revising manuscript describing new species of symphurine flatfishes (Cynoglossidae) from waters around New Caledonia; (6) preparation of species identification sheets for several families of flatfishes and clupeoids of the tropical eastern Atlantic; (7) continued progress on identification of flatfishes from El Salvador; (8) continued work on systematic revision of eastern Pacific *Symphurus*; (9) preparation of family account of the Cynoglossidae for book on Fishes of Western Indian Ocean, edited by P. Heemstra and J. Randall; (10) continued collaborative work with Juan Diaz de Astarloa on South Atlantic paralichthyid flounders; (11) description of new species of *Symphurus* from off East Africa; (12) continued work on several systematic projects on Australian flatfishes.

**MURDY, EDWARD O.** Senior Program Manager, Office of International Science & Engineering, National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia, 22230, USA. Tel. 703.292.7222; Fax 703.292.9067; email: emurdy@nsf.gov

I am back at NSF after a very interesting sabbatical year with NOAA Sea Grant. Further work on revising the gobiid subfamily Amblyopinae is on hold until types in European museums can be examined. A manuscript redescribing *Trypauchenopsis intermedia* (first author is K. Shibukawa) is almost ready for submission. Future amblyopine work will include a revision of *Taenioides* and descriptions of new genera. A study of *Dormitator* with Frank Pezold is in the formative stages. As part of the Planetary Biodiversity Initiative on catfishes, I will be reviewing the plotosid genera *Cnidoglanis* and *Euristhmus*.

**MYERS, ROBERT F.** Coral Graphics, 1554 E. Harmony Lakes Circle, Davie, FL 33324-7104 U.S.A., Tel. 954 577-7919 Email: robmyers1423@bellsouth.net

Projects completed during the past year include Coral Reef Guide Red Sea (with E. Lieske: HarperCollins) featuring about 500 fishes and 500 other species (invertebrates, other vertebrates and plants); and an updated checklist of the fishes of the Mariana Islands (with T. J. Donaldson). New records of fishes for the Mariana Islands (with T. Allen and H. Kimura), an annotated checklist of the fishes of Palau (with T. J. Donaldson and J. E. Randall), new and recent records of the fishes of Palau (with T. J. Donaldson and H. Nagano), and a supplement to Micronesian Reef Fishes remain in preparation. Zoogeographic studies continue with emphasis on a comprehensive table of Indo-Pacific shorefish distributions to facilitate the comparison of biodiversity across regions and aid in the production of detailed species distribution maps. Loan requests for Marianas material should be sent to Terry Donaldson. Please note my new addresses.

**NALBANT, TEODOR T.** Division of Fishes, Department of Lower Vertebrates, National Museum of Natural History Grigore Antipa, Kisseleff 1, Bucharest 011341, ROMANIA. E-mail: nalbant@mailbox.ro

Current work: Phylogenetic classification of butterflyfishes (Pisces: Perciformes: Chaetodontidae) is finished and will be submitted for print. The work on Turkish Nemacheilidae (w. F. Erkanan, Ankara) is in progress. I am working (w. Brian Coad, Ottawa) on a collection of Iranian loaches (Nemacheilidae and Cobitidae).

**NELSON, JOSEPH S.** Dept. of Biological Sciences, University of Alberta, Edmonton, Alberta T6G 2E9, CANADA. Tel. 780-492-4741 (with voice mail); Fax 780-492-9234; E-Mail joe.nelson@ualberta.ca

Current work: (1) Systematics of the Psychrolutidae and description of new species (with Keith Jackson); (2) description of a new species of Trichonotidae (with M.K. Das and J.E. Randall); (3) analysis of data on pelvicless *Culaea inconstans* (Gasterosteidae); (4) Chair AFS/ASIH committee for revision of AFS publication on "Common and scientific names of fishes from the United States, Canada, and Mexico", new edition expected early 2004; (5) "Fishes of the world" — I will continue to appreciate receiving either reprints and/or references to your systematic studies relevant to future revisions of this book (revisions for 4<sup>th</sup> edition started last year and expected to be completed late 2004). I am now Professor Emeritus but maintain a university office and research grant.

**NEELY, DAVID A.** Post-doctoral Researcher, Dept. of Biology, Saint Louis University, 3507 Laclede Ave, St. Louis, MO 63103, U.S.A.. Tel (314) 977-3914; Fax (314) 977-3658; E-Mail neelyda@slu.edu

Current work: (1) Molecular and morphological analyses of cottoids, including a revision of *Cottus* (w/A.P. Kinziger) and descriptions of several new taxa (w/J.D. Williams and R.L. Mayden); (2) molecular systematics and conservation genetics of several species of *Percina* (w/A.L. George, R.L. Mayden and J.D. Williams).

**NG, HEOK HEE.** Fish Division, Museum of Zoology, University of Michigan, 1109 Geddes Avenue, Ann Arbor, Michigan 48109-1079, USA. Tel (734) 647-2192; Fax (734) 763-4080; E-Mail heokheen@umich.edu

Current work: Phylogenetic studies of the Sisoridae and Erethistidae (Ph.D. dissertation), as well as the Bagridae and Siluridae are ongoing. A study of the phylogenetic relationships of *Ancharius*, with descriptions of new species (w/J. Sparks) is also in progress. Ongoing work in describing new taxa in the families Akysidae, Amblycipitidae, Amphiliidae, Bagridae, Clariidae, Erethistidae, Mochokidae, Siluridae, and Sisoridae is still being carried out. See last year's newsletter for details.

**NIELSEN, JØRGEN G.** Curator of fishes (emeritus), Zoological Museum, Universitetsparken 15, 2100 Copenhagen, DENMARK; Fax 35321010; e-mail jgnielsen@zmuc.ku.dk

Current work: Revision of various ophidiiform genera and of Dinematchthyini (Bythitidae) with Peter Rask Møller and Werner Schwarzhans.

**OLSON, JOSHUA D.** Graduate Student. Major Advisor: Dr. Donald G. Buth. Dept. of Organismic Biology, Ecology, and Evolution, University of California, Los Angeles, California, 90095-1606, U.S.A. Tel (310) 206-6084; Fax (310) 206-3987; E-Mail jdolson@ucla.edu

Current Work: Masters thesis: Phylogenetic analysis of the genus *Pleuronichthys* (Pleuronectiformes, Pleuronectidae) using morphological and osteological data. Expected completion: Summer 2004. Long range studies: Phylogenetic analysis of the genus *Pleuronichthys* using molecular data (mitochondrial DNA, nuclear DNA, and allozymes).

**ORR, JAMES W.** Research Zoologist, NOAA/National Marine Fisheries Service, Alaska Fisheries Science Center, RACE Division, 7600 Sand Point Way NE, Seattle, WA 98115, U.S.A.. Tel (206) 526-6318; Fax (206) 526-6723; E-Mail James.Orr@noaa.gov

Current work: (1) New genus of Liparidae from the Aleutian Islands; (2) revision of *Allocareproctus* including new species from the Aleutians (w/ M.S. Busby); (3) several new species of *Careproctus* (separate projects w/ K.E. Pearson, D.L. Pitruk, and D. L. Stein); (4) fishes of Puget Sound (w/ T.W. Pietsch); (5) systematics of *Sebastes aleutianus* (Sebastidae) (w/ S. Hawkins); (6) new species of *Bathyraja* (Rajidae) from Alaska (w/ D.E. Stevenson, G.R. Hoff, and J.D. McEachran).

**OTT, GERHARD H.F.W.** Fischbestimmungs-Service, Ökologie Süßwasseraquarientische & Ichthyologie VDA e.V. (Fishdetermination Service, Database for Ecology of Freshwater Aquarium Fishes and Ichthyological Advice of the Association of German Aquarium Clubs founded in 1911, Holzkrugweg 16 E, D-24941 Flensburg, GERMANY. Tel. +49 (0)

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E-Mail gerhard-ott@foni.net

Current Work: (1) Study of ichthyofauna (esp. Cobitoidea and Cypriniformes) of South and South-East Asia, also interested in some Gobioidae; (2) Fishdetermination Service of all freshwater aquarium fishes in friendly cooperation with leading ichthyologist; (3) field studies 1992, 1998, 2001, 2002 in Sri Lanka, in 1997 in Turkey, 1999 in Indonesia (Bali, Java), 2000 in Morocco, 2003 Indonesia (Sumatra Utara), next planned 2004 Denmark, 2004/05 Thailand, 2005 Taiwan. Works published this year or actually in press at this time see internet <http://www.go-sachschriststellerei-und-lektoratsdienstleistungen.de>

**PAEPKE, HANS-JOACHIM.** Lennéstrasse 14 b, D-14469 Potsdam, GERMANY. phone: ++49-331-963071 (private), c/o Museum für Naturkunde der Humboldt-Universität, Institut für Systematische Zoologie, Invalidenstrasse 43, D-10115 Berlin, phone: ++49-302093-8666; fax: ++49-302093-8528 (business).

As pensioner and voluntary cooperater of the fish collection of the Museum für Naturkunde der Humboldt-University I am occasionally working there. This year the 4th. revised edition of the monograph of the cichlid genus *Pterophyllum* was published.

**PARENTI, LYNNE R.** Head, Section of Vertebrate Zoology and Curator of Fishes, National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20560-0159, U.S.A.. Tel (202) 357-2740 or 3313; Fax (202) 357-2986; E-Mail <mailto:parenti.lynne@nmnh.si.edu>

Current research: Projects continue on the systematics and biogeography of freshwater, coastal and marine fishes from the Indo-Australian Archipelago, particularly northwestern Borneo and Sulawesi, and development of the use of gonad (w/ Harry Grier) and nerve (w/ Jiakun Song) characters in systematic ichthyology. I will be teaching in a course on the reproductive biology of fishes to be held at the Universidad Autónoma del Estado de Morelos, Cuernavaca, México in November, emphasizing the importance of the integration of systematics into surveys of reproductive morphology. Harry Grier and I thank all who have responded to our requests for gonad material to be used in our survey of testis morphology in bony fishes.

**PARENTI, PAOLO.** Department of Environmental Sciences, University of Milano-Bicocca, Piazza della Scienza 1, 20126 Milano, ITALY - Tel (02) 6448 2752; Fax (02) 6448 2795; E-Mail [paolo.parenti@unimib.it](mailto:paolo.parenti@unimib.it)

Current work: (1) Checklist of Labridae and Scaridae; (2) checklist of Molidae; (3) collaboration for preparing annotated checklists of fishes and a new edition of the catalog of fishes (w/ William N Eschmeyer); (4) study of the role of Walbaum, Seba, Klein and other eighteenth century scholars in systematic ichthyology. Several names (nomina obliata) proposed by Walbaum and other early authors have been found to predate well established taxa (nomina protecta). However, conditions exist to allow "reversal of precedence" as provided by Article 23.9 of the International Code of Zoological Nomenclature.

**PARISI, BEATRICE M.** Ph.D. Departement des Milieux et Peuplements Aquatiques, Museum national d'Histoire naturelle 43, rue Cuvier, 75231 Paris Cedex 05. Tel (+33) 1 40 79 37 35; FAX (+33) 1 40 79 37 71; E-Mail [bparsi@club-internet.fr](mailto:bparsi@club-internet.fr); [beatriceparisi2003@yahoo.fr](mailto:beatriceparisi2003@yahoo.fr)

Current work: (1) Continuing research on the *Calophysus-Pimelodus* group taxonomy, with special emphasis on *Pimelodus* species: description of new species alone and in collaboration (w/ J.G. Lundberg); (2) participation in the All Catfish Species Inventory; (3) osteology and phylogeny of the *Calophysus* group; (4) several educational appointments at the Grande Galerie de l'Evolution (MNHN, Paris) including lectures on Evolution, Classification, Biodiversity (Marine and Terrestrial) and Impact of Human activities on Nature and Evolution.

**PAVANELLI, CARLA S.** Curator of fishes, Núcleo de Pesquisas em Limnologia, Ictiologia e Aqüicultura, and professor, Curso de Pós-Graduação em Ecologia de Ambientes Aquáticos Continentais, Universidade Estadual de Maringá, 87020-900 Maringá, Paraná, BRAZIL. Tel. +55-44-261-4632; Fax +55-44-263-1424; E-mail [carlasp@nupelia.uem.br](mailto:carlasp@nupelia.uem.br)

Current work: (1) Description of two new species of *Apareiodon* from Amazonian headwaters (w/HA Britski); (2) description of two parodontid new species from upper Rio Paraná basin (w/HA Britski). (3) checklist and handbook to identification of Rio Corumbá species (w/HA Britski, GS Avelino, AP Vidotti, CH Zawadzki and WJ Graça, in part); (4) characterization of the species of some small reservoirs of State of Paraná (w/ HA Britski); (5) trophic ecology of two endemic species of *Bryconamericus* from Rio Iguazu basin (w/ MR Russo and NS Hahn); (6) description of a new species of *Astyanax* from the Rio Mourão, upper Rio Paraná basin (W/ HA Britski); (7) illustrated guide of fishes from Rio Paraná floodplain (w/ W. J. Graça, in part).

**PAXTON, JOHN R.** Research Fellow, Australian Museum, 6 College St., Sydney, N.S.W. 2010, AUSTRALIA. Tel. (61 2) 9320-6139; Fax 61 2 9320-6059; E-mail [johnp@austrmus.gov.au](mailto:johnp@austrmus.gov.au)

Current work: (1) Zoological catalogue of Australia, Pisces, Part 2 (with D.F. Hoese, G.R. Allen, & D. Bray; submitted); (2) a new species of the deepsea whalefish genus *Cetomimus* (Cetomimidae), with a key to the described species (with T. Trnski); (3) 5 family accounts of cetomimoid fishes for the FAO Eastern Central Atlantic Identification Guide (2 with T. Trnski); (4) revision of the whalefish genera *Gyrinomimus* and *Cetomimus* (Cetomimidae); (5) new species of *Neoscopelus* (Neoscopelidae) (with M. McGrouther). [Families 178, 237, 238, 251, 252, 253]

**PEDEN, ALEX E.** Liparis Biological Services, 1508 Hollyridge Terrace, Victoria, British Columbia, V8N 5Z9, CANADA. (same address). Curator Emeritus, Royal British Columbia Museum, 675 Belleville, Victoria, BC, V8W 9W2. Tel (250) 721-4356; E-Mail: [peden-liparis@shaw.ca](mailto:peden-liparis@shaw.ca)

Current work: (1) Identification of western Canada's marine and freshwater fishes; (2) fishery survey on Canadian Department of Fisheries and Oceans' research vessel "G. B. Reed" with new species records off Canadian West Coast; (3) updated fish species lists for B.C. Conservation Data Centre ([http://srmwww.gov.bc.ca/atrisk/documents/2003taxachanges\\_since\\_v3.pdf](http://srmwww.gov.bc.ca/atrisk/documents/2003taxachanges_since_v3.pdf)); (4) member and status report writer for COSEWIC (Committee Status Endangered Wildlife in Canada). During 2002-2003, prepared Updated Status Reports; *Acantholumpenus mackayi* (Stichaeidae), Enos Lake Sticklebacks (*Gasterosteus*, Gasterosteidae), *Rhinichthys osculus* (Cyprinidae), Salish Sucker (*Catostomus* sp., Catostomidae) with distribution, systematics, life history (copyright with Canadian government, contact COSEWIC ([cosewic/cosepac@ec.gc.ca](mailto:cosewic/cosepac@ec.gc.ca)) or Peden to access reports & data); (5) expect to finish reports on Liparidae and Zoarcidae for publication.

**PEQUEÑO, GERMÁN.** Titular Professor, Instituto de Zoología "Ernst F. Kilian", Universidad Austral de Chile, Casilla 567, Valdivia, Chile, Tel (56) 63-221409; Fax (56) 63-221315; e-mail [gpequeno@uach.cl](mailto:gpequeno@uach.cl)

Current work: (1) Studies on fishes of the oceanic islands of the South Eastern Pacific off Chile; (2) fishes of the Valdivian district; (3) fishes of the southern fiords of Chile.

**PEREIRA, EDSON H. L.** Graduate student, Laboratório de Ictiologia, Museu de Ciências e Tecnologia – PUCRS, P. O. Box 1429, 90619-900 Porto Alegre, BRASIL. Tel. (51) 3320-3500 ext. 4413; FAX (51) 320-3900 email [edsonhlp@pucrs.br](mailto:edsonhlp@pucrs.br)

Current work: (1) Taxonomic revision and phylogenetic interrelationships of species and genera in the subfamily Neoplecostominae (sensu Armbruster: *Neoplecostomus*, *Pareiorhina*, *Pareiorhaphis*, *Kronichthys*, *Isbrueckerichthys*, *Hemipsilichthys* and *Corymbophanes* from Bahia state) for my Doctoral dissertation; (2) taxonomic revision of genus *Pareiorhaphis* (Siluriformes, Loricariidae) (w/R. Reis); (3) taxonomic revision of genus *Kronichthys*; (4) revision of *Delturus* and *Hemipsilichthys* with the proposition of a new loricariid subfamily (Siluriformes) (w/R. Reis and J. Armbruster) submitted and (5) description of new species of the genus *Neoplecostomus* (Loricariidae, Neoplecostominae) from the rio Itapemirim drainage.

**PIETSCH, T. W.** Professor, Curator of Fishes, School of Aquatic and Fishery Sciences, University of Washington, Box 355020, Seattle, WA 98195, U.S.A., Voice (206) 543-8923; Fax (206) 616-6716; E-Mail: [twp@u.washington.edu](mailto:twp@u.washington.edu)

Now that biotic survey and inventory work in the Russian Far East is winding down (our tenth and last annual expedition was successfully completed in July-September 2003; for a partial summary of results, see Pietsch et al., 2003), I've returned to fish systematics in full force, working primarily on revisions of deep-sea anglerfish families of the world (anyone knowing of recently collected material is asked to please contact me). A study of lophiiform relationships based on an analysis of mtDNA (senior authored by Andy Shedlock) is in press, as are several other anglerfish papers, including a revision of the diceratiid genus *Bufoceratias* (with Taiwanese colleagues H. Hsuan-ching and C. Hong-ming). Ichthyo-historical work is still on-going: "Isaac Johannes Lamotius and his Paintings of Indo-Pacific Fishes and Other Marine Animals" is in press (with L.B. Holthuis) and an annotated English translation of Georges Cuvier's "History of the Natural Sciences, from Their Origin to the Present Day," has been submitted (actually, to several different presses, so far without success). Thanks to the dedication and expertise of Collections Manager Katherine Pearson, the University of Washington Fish Collection is now fully cataloged and available on-line ([www.uwfishcollection.org](http://www.uwfishcollection.org)), including our 61,830 lots of early life-history stages.

**POLY, WILLIAM J.** Research Assistant, Department of Ichthyology, California Academy of Sciences, Golden Gate Park, San Francisco, California 94118. Tel (415) 750-7048; Fax (415) 750-7148; E-mail wpoly@calacademy.org

Current work: (1) Catalog of Fishes and Annotated Checklists of Fishes; (2) ongoing study to follow progress of translocation of fringed darter (*Etheostoma crossopterum*); (3) distribution and taxonomy of various fishes and Crustacea.

**RANDALL, JOHN E.** Senior Ichthyologist Emeritus, Bishop Museum, 1525 Bernice St., Honolulu, HI 96817-2704, USA. Tel (808) 235-1652; E-mail jackr@hawaii.rr.com.

My book Reef and Shore Fishes of the South Pacific is in production. It includes nearly 1500 species, all illustrated, mostly in color. It will be published by the University of Hawaii Press and should be printed in China in 2004. I have finished the text for a book on all the reef and shore fishes of Hawaii to 200 m (about 600 species), now under review. It includes keys to the species of all families. Three other fish books published by the University of Hawaii Press are still available: Coastal Fishes of Oman, Fishes of the Great Barrier Reef and Coral Sea (with Allen and Steene), and Shore Fishes of Hawaii. The e-mail address for UH Press is uhpbooks@hawaii.edu. Copies are also still available of Surgeonfishes of the World from Mutual Publishing Co., Honolulu. E-mail: mutual@lava.net. Indo-Pacific Fishes, number 35, Revision of the Indo-Pacific cardinalfish genus *Archamia*, by Ofer Gon and myself was printed in June; it has 49 pages, 10 black and white figures, and 24 color figures; retail price \$37.50 (20% less for those who subscribe to the series). Order from lorio@bishopmuseum.org I finished the text for IPF 36, a revision of the mulloid genus *Parupeneus*. Then I discovered there are two more new species in the W Indian Ocean for which specimens are being sought by Phil Heemstra. Other recent taxonomic papers have mainly been descriptions of new species to make names available for the South Pacific and Hawaiian fish books.

**REIS, ROBERTO E.** Curator of Fishes, Museu de Ciências e Tecnologia (MCP), PUCRS. Av. Ipiranga 6681, P.O.Box 1429, 90619-900 Porto Alegre, BRAZIL. Tel (+55 51) 3320-3500 ext. 4413; FAX (+55 51) 3320-3903; email: reis@pucrs.br

Current work: (1) The revision of *Delturus* and *Hemipsilichthys* and proposition of the new subfamily Delturinae is finished and submitted (Loricariidae, Siluriformes) (w/ Jon Armbruster & Edson Pereira); (2) the new *Callichthys* from upper Negro/Orinoco is also finished and submitted (Callichthyidae, Siluriformes) (w/ Pablo Lehmann); (3) the revision of the hypoptopomatine genus *Eurycheilichthys*, with the descriptions of six new species has been expanded to include a molecular phylogenetic study (Loricariidae, Siluriformes) (w/ Sandro Bonatto & Tiago Carvalho); (4) study of the species of a possibly new genus of Hypoptopomatinae from central Brazil (w/ Paulo Buckup & Marcelo Britto); (5) description of various new species of *Gymnogeophagus* (Cichlidae, Perciformes) (w/ Luiz Malabarba); (6) revision and reassessment of the phylogenetic relationships of *Gymnogeophagus rhabdotus* species-group (w/ Cintia Kaefer); (7) revision of the auchenipterid genus *Entomocorus* (Siluriformes) (w/ Thiago Borges); (8) various papers on descriptions and phylogenetic relationships of diverse new loricariid taxa (Loricariidae, Siluriformes) (w/ diverse co-authors); (9) serving as editor of the Red Book of Endangered Animal of Rio Grande do Sul State, Brazil (w/ Carla Fontana & Glayson Bencke); (10) serving as Systematics Editor to the new journal *Neotropical Ichthyology* of the Brazilian Society of Ichthyology; and (11) starting studies for the new (electronic) phase of CLOFFSCA, which has been published as a book in 2003 (w/ Sven Kullander & Carl Ferraris).

**RIBEIRO, FRANK, R.V.** Graduate Student. PUCRS - Laboratory of Ichthyology - Museu de Ciências e Tecnologia - PUCRS. Av. Ipiranga 6681, Cep:90.619-900. Porto Alegre, RS - BRASIL. Tel.: (55-51) 3320-3500, Ramal 4413; E-mail fraynner@pucrs.br/fraynner@hotmail.com; Fax: (55-51) 33203903

Current work: Species diversity of the genus *Pimelodus* Lacépède, 1803 (Siluriformes, Pimelodidae) of the middle Amazonas River, Santarém region. (as MSc. dissertation under advisement of Dr. Carlos Lucena).

**• Í • AN, OLD • ICH.** PhD Student, Department of Vertebrate Zoology, Swedish Museum of Natural History, POB 50007, SE-104 05 Stockholm, SWEDEN. Tel +46-8-5195 4105; Fax +46-8-5195 4212; & Department of Zoology, Stockholm University, SE-106 91 Stockholm, Sweden; E-mail oldrich.rican@nrm.se

Current work: PhD Thesis on the systematics, phylogeny and biogeography of the neotropical heroine cichlids. 2003-2004 working mainly on a systematic revision of the '*Cichlasoma*' *facetum* group and the phylogenetic position of the West Indian cichlids. A description of a new species from the

'*Cichlasoma*' *facetum* group is in press and a molecular biogeography paper of the whole heroine tribe, in collaboration with G. A. Concheiro Pérez, E. Bermingham, I. Doadrio, G. Ortí, and R. Zardoya, is in advanced stages of preparation. I am also working on a paper focusing on the development of adult coloration patterns in heroine cichlids.

**RICHARDS, WILLIAM J.** Senior Scientist, NOAA Fisheries, 75 Virginia Beach Drive, Miami, FL 33149, U.S.A. Tel (305) 3614249; Fax (305) 3614478; E-mail bill.richards@noaa.gov

Current work: (1) Preparation of a book entitled 'Early stages of fishes of the western central North Atlantic'. This book will be published by CRC Press in October 2004. About 50 ichthyologists are preparing chapters and completed chapters may be viewed at www4.cookman.edu/noaa/ click on ichthyoplankton. The book covers all early life history stages of species of marine fishes that occur between Cape Hatteras (35 N lat.) and the Equator east to 55 W. long; (2) studies continue on fishes of the Family Triglidae, but are on hold for the moment until item #1 is completed; (3) ecology of larval bluefin tunas and other critical species (especially reef fish) continue with colleagues John Lamkin, Cynthia Yeung, Monica Lara, David Jones, and Sarah Frias-Torres.

**RIEHL, RÜDIGER.** Institut für Zoomorphologie, Zellbiologie & Parasitologie, Universität Düsseldorf, Universitätsstr. 1, D-40225 Düsseldorf, GERMANY. Tel 0049-211-81-13582; Fax 0049-211-81-14499; E-Mail riehl@uni-duesseldorf.de

Current work: (1) Scanning electron microscope studies on surfaces and micropyles of native, Antarctic and tropic fish eggs with special reference to their systematic significance; (2) comparative studies on the ultrastructure of egg envelopes in different teleost families, especially cyprinids, cichlids and characoids; (3) finished comparative studies on the eggs and reproductive behaviour of four German and Austrian *Gobio* species (w/R. Bless); (4) studies on the stickiness of egg envelopes in economically important fish species (cyprinids, esocids, percids); (5) finished a study on the reproductive behaviour and eggs of a *Characidium* species (w/P. & M. Hoffmann); (6) an ultrastructural study on the eggs of *Lampetra fluviatilis* (w/A. Wünnel).

**SABAJ, MARK H.** Collection Manager, Dept. Ichthyology, Academy of Natural Sciences, 19th & the Parkway, Philadelphia, PA 19103, U.S.A.. Tel (215) 299-1026; Fax (215) 405-5080; E-Mail sabaj@acnatsci.org

Current work: (1) Co-PI on NSF-funded All Catfish Species Inventory, in charge of project databases and webserving, will co-lead (w/H. Ortega & N.J. Salcedo) trans-Peru Expedition during summer 2004; (2) finishing up descriptions of two new species of *Rhinodoras* (w/D.C. Taphorn & O. Castillo); (3) revision of *Leptodoras* nearing submission; (4) continuing work on checklist and imagebase of fishes of Peruvian Amazon; (5) working on descriptions of new species of *Doras*, *Trachydoras*, *Playtdoras* and *Amblydoras*.

**SAN MARTIN, MARÍA JIMENA.** INIDEP, Instituto Nacional de Investigación y Desarrollo Pesquero, Paseo V. Ocampo N°1, Escollera Norte, 7600, Mar del Plata, ARGENTINA. Email: jimena\_eoraya@inidep.edu.ar , Tel. +54 - 223 - 486 2586 int. 286, Fax + 54 - 223 - 486 1830

Current work: I recently obtained my Licenciatura degree at Universidad de Buenos Aires under supervision of Lic. Gustavo E. Chiaramonte. The title of my thesis was: "Reproductive biology of the sandskate *Psammodontus bergi* Marini, 1932 off the coast of Puerto Quequén, Buenos Aires province, Argentina". I am working on the publication of the results. Temporarily, I am also working on the publication of the variability of the diet of *P. bergi*, under the supervision of G. Chiaramonte and Jorge Perez; I am also involved in the project "Incidental capture of seabirds survey in coastal fisheries (Seabirds'03)", sponsored by British Petroleum Conservation Programme 2003 to Leandro Tamini (Project N°201702). Now I am involved for three years in the research project ECORAYA for my PhD thesis at Universidad de Buenos Aires "Systematics of south-western Atlantic species of *Bathyraja*" under supervision of Dr. Matthias Stehmann and Dr. Martín Ehrlich. I really appreciate for being provided reprints of all publications dealing with rajoid skate systematics, biology, morphology, anatomy, ecology, particularly of the genus *Bathyraja*.

**SANDHU, AJAZ AHMAD.** Department of Zoology, Government College, Gujranwala, Punjab, Pakistan. Kot Noora, p/o Ghakkar, District Gujranwala, Punjab, PAKISTAN. email: sandhu786pk@yahoo.com; sandhu786pk@hotmail.com

Current work: fish and fisheries of Punjab, Pakistan, especially catfishes.

**SANTINI, FRANCESCO.** Marie Curie Research Fellow, Département Systématique et Evolution, Muséum National d'Histoire Naturelle, 43 rue

Cuvier, Paris, 75005, FRANCE. Tel. ++33 (0) 1 40 79 37 35; Fax ++33 (0) 1 40 79 37 71, E-Mail: fsantini@mnhn.fr.

I am presently a postdoctoral fellow in the lab of Prof. Guillaume Lecointre at the Muséum National d'Histoire Naturelle, Paris, where I have joined an ongoing research project on acanthomorph relationships. My current morphological work includes an investigation of the relationships among fossil and extant Zeiformes, fossil and extant Caproidae and fossil and extant Zeidae in collaboration with Drs. James C. Tyler, Alex Bannikov, and Sorin-Dorin Baciu; still with Dr. Tyler and with Guillaume Lecointre work on the molecular phylogeny of the Zeiformes; with Guillaume Lecointre work on a morphological and molecular phylogeny of the Acanthomorpha, with special attention for the clade formed by Caproidae, Tetraodontiformes and Lophiiformes that several molecular phylogenies have recovered in the recent years. I am also describing two new species of Triacanthodidae and have begun assembling a large osteological data set to investigate the relationships among selected groups of Tetraodontidae.

**SCHAEFER, SCOTT A.** Curator, American Museum of Natural History, Central Park West at 79<sup>th</sup> St., New York, NY 10024-5192, U.S.A. Tel 212-769-5652; Fax 212-769-5642; schaefer@amnh.org

Current work: (1) Revisionary systematics of the Andean Astrobalepidae under NSF award DEB 0314849, with fieldwork in Ecuador, Bolivia, Peru and Venezuela for 2004-2006; (2) descriptions of new Venezuelan glanapterygine Trichomycteridae (with F. Provenzano, M. dePinna, J. Baskin); (3) description of new insular *Trichomycterus* (with L. Fernandez); (4) description of new Venezuelan lithogenine Loricariidae (with F. Provenzano); (5) morphological study of *Rhizosomichthys totae* (Trichomycteridae) and *Lamprologus lethops* (Cichlidae) from CT datasets; (6) molecular phylogeny of Characiformes (with D. Calcagnotto and R. DeSalle); (7) survey of Lower Guinean dwarf Alestidae and revisionary studies of African alestine genera.

**SCHINDLER, INGO.** Warthestr. 53a, 12051 Berlin. GERMANY. E-Mail ingoschindler@web.de

Current work: (1) Morphological variation among *Cichlasoma* (Cichlidae); variability of dark bar pattern of *Pterophyllum scalare* (Cichlidae); analysis of lateral body shape of *Pomacanthus* (Pomacanthidae).

**SCHMITTER-SOTO, JUAN JACOBO.** Curator of Fishes, El Colegio de la Frontera Sur (ECOSUR), Apdo. Postal 424, MX-77000 Chetumal, Quintana Roo, MEXICO. (Until July 2004, on sabbatical leave at University of Michigan Museum of Zoology, 1109 Geddes Av., Ann Arbor, MI USA 48109-1079. Tel. +734-647-2192, fax +734-763-4080, e-mail juanjsch@umich.edu)

Current work: (1) Revision and phylogeny of *Archocentrus* (Cichlidae), based on morphology. (2) Evolution and biogeography of *Astyanax aeneus* and *A. altior* (Characidae) (w/A. Rocha and M.E. Valdez-Moreno). (3) Still analyzing synecological data on the fishes of Chetumal Bay and the adjacent Caribbean reef (w/several students and colleagues). (4) Evolution and biogeography of *Poecilia velifera* and *P. petenensis* (Poeciliidae) (w/S. Hankison and M. Ptacek).

**SÉRET, BERNARD.** Muséum National d'Histoire Naturelle, Département Systématique et Evolution, Antenne IRD, 43 rue Cuvier, 75231 Paris cedex 05, FRANCE. Tel. (33) 1.40.79.37.38; Fax (33) 1.40.79.37.71; E-mail: seret@mnhn.fr

Current work: (1) Taxonomy of the Indo-Pacific chondrichthyans with various colleagues; the description of 4 new species of *Urolophus* with P. Last to be published in 2003; (2) freshwater chondrichthyes (Carcharhinidae, Dasyatidae, Pristidae) with M. Carvalho & J. McEachran for the Lower Guinea Ichthyofauna (Stiassny & Teugels, eds); (3) check list of the chondrichthyan fishes of the Syrian coasts with A. Saab; (4) description of a new genus and species of guitar fish from Mauritania; (5) FAO Batoid catalogue with L.J.V. Compagno, P. Last & J. McEachran; (6) updating the batoid section of the FAO sheets for the Eastern Tropical Atlantic (K. Carpenter ed.); (7) expertise on the shark fisheries and conservation in the Seychelles; (8) participation in the elaboration of the European action plan for conservation of the elasmobranch fishes for the EU; (9) participation in the NORFANZ cruise in the South Pacific (C. Roberts & P. Last, cruise leaders); (10) co-editor of *Cybium*, journal of the French Ichthyological Society; (11) chair of "ElasmoFrance", the shark group of the French Ichthyological Society and editor of the newsletter "ElasmoScope"; (12) review of some species status for the IUCN Red List and of the French translation of « Sharks and their relatives ». Projects: (1) revision of the West African torpedinids (with M. Carvalho); (2) redescription of *Dasyatis tortonesei* with H. Cappeta & L. Euzet; (3) observations on *Galeus atlanticus* with J. Rey.

**SHIBATTA, OSCAR AKIO.** Profesor Adjunto. Dept. de Biología Animal e Vegetal, Centro de Ciencias Biológicas, Universidade Estadual de Londrina. 86051-990 Londrina, PR, BRAZIL. Tel. (43) 3339-7905 E-mail: shibatta@uel.br

Current work: (1) curator of fish in the Museu de Zoologia of Departamento de Biologia Animal e Vegetal at Universidade Estadual de Londrina collection; (2) description of a new species of *Microglanis* (Pseudopimelodidae) from rio Tocantins; (3) description of a new species of *Microglanis* (Pseudopimelodidae) from alto Paraná basin (with Ricardo C. Benine); (4) taxonomic revision of the genus *Microglanis* (Pseudopimelodidae) from brasilian coastal drainages (with Horácio Mori); (5) study of geographic variation of the species *Zungaro zungaro*, *Hemisorubim platyrhynchos* and *Pinirampus pirinampu* (Pimelodidae) (with Hugo Sum de Souza Filho); (6) taxonomy of the genus *Iheringichthys* (Pimelodidae) from alto Paraná basin (with Hugo Sum de Souza Filho); (7) evaluation of diagnostics characters of *Hypostomus* species (Loricariidae) from Rio Paranapanema basin (with Fernando Camargo Jerep and Ana Cecília Hoffmann); (8) studies on the reproduction of *Loricariichthys platymetopon* (Loricariidae) (with Karen M.I. Marcucci and Mário Luis Orsi).

**SILVA, JOSÉ F. PEZZI DA** Laboratório de Ictiologia, Museu de Ciências e Tecnologia (MCP), PUCRS, Av. Ipiranga, 6681, P.O.Box 1429, CEP 90619-900, Porto Alegre, RS, BRASIL. Tel (+55 51) 3320 3500 ext. 4413; Fax (+55 51) 3339 1564; e-mail: pezzi@pucrs.br

Current work: (1) Continuing to prepare the taxonomic review of the genus *Bryconamericus* (Characiformes: Characidae) from Southeastern Brasil for publication; (2) taxonomic review of the genus *Astyanax* (Characiformes: Characidae) from the rio Tramandaí drainage (w/ L. R. Malabarba and V. A. Bertaco); (3) taxonomic review of the genus *Othonocheirodus* (Characiformes: Characidae) from southeast Brasil (w/ L.R. Malabarba); (4) description of a two new species of *Hypobrycon* (Characiformes: Characidae) from middle rio Uruguai in Rio Grande do Sul state, Brasil (w/ L.R. Malabarba).

**SMITH, DAVID G.** Museum Specialist, Division of Fishes MRC-159, National Museum of Natural History, Washington, DC 20013-7012, U.S.A. Tel. 202 633-9786; Fax 202 357-2986; E-mail smith.davidg@nmnh.si.edu

Current work: (1) Eels of the western Indian Ocean; (2) checklist of fishes (eels); (3) description of a new species of *Pteropsaron*, with G. D. Johnson; (4) description of two new genera and species of Congridae; (5) description of new species of moray eels; (6) larval fishes from Carrie Bow Cay, Belize, with C. Baldwin and J. Mounts; (7) FAO species identification guides, Eastern Central Atlantic (eels); (8) determination of proper allocation of names based on several problematical muraenid types, using morphological and molecular data, with J. Randall and B. Bowen; (9) studies on history of ichthyology and ichthyologists, with I. Bowman; (10) finding time to do all of these.

**SOARES PORTO, LUISA M.** Professor Visitante, Setor de Ictiologia, Depto. Vertebrados, Museu Nacional/ UFRJ. Quinta da Boa Vista, s/ no. São Cristóvão, Rio de Janeiro, RJ, BRASIL. 04490. Tel (55)(21) 2594-8262 r. 249; E-Mail luisa@nossacasa.net

Current work: (1) Systematic revision of *Centromochlus* (Siluriformes, Auchenipteridae) da Amazônia (with R. Royero); (2) new *Centromochlus* (Siluriformes, Auchenipteridae) from Amazon (with R. Royero); (3) systematic revision of *Glanidium* with a new species from São Francisco river drainage (Siluriformes, Auchenipteridae) (with P.A. Buckup); (4) new *Tatia* from Amazon (Siluriformes, Auchenipteridae) (with J. Zuanon & M.F. Catarino); (5) two new *Gelanoglanis* (Siluriformes, Auchenipteridae) (with F.C.T. Lima & A. Akama); (6) four new *Gelanoglanis* (Siluriformes, Auchenipteridae) from Amazon (with P. Petry, M. Sabaj & M. Thomé); (7) fishes from the Guapiassu river drainage, Cachoeiras de Macacu, Rio de Janeiro (with my undergraduate student R.G. Guedes); (8) fishes from the Reserva de Desenvolvimento Sustentável Mamirauá, in Tefé, Amazonas (joining the group led by M.F. Catarino); (9) the research integrated project "Systematics of Auchenipteridae", is under the scope of large project "Systematics and biogeography of riverine freshwater fish fauna", led by P.A. Buckup and sponsored by the Conselho Nacional de Desenvolvimento Científico e Tecnológico- CNPq; (10) member of "All Catfish Species Project" (<http://clade.acnatsci.org/allcatfish/>).

**SOUZA-LIMA, ROSANA** Doctoral Student, Museu de Zoologia, Universidade de São Paulo, Av. Nazaré, 481, Ipiranga, São Paulo, SP, BRAZIL. Zip Code: 04263-000. Tel 55 (11) 6165-8145; E-Mail rosanasl@yahoo.com.br

Current work: (1) Revision of the genus *Aphyocharax* (Characidae, Characiformes), osteology, phylogeny, descriptions of new species; (2) study of the ichthyofauna of São Francisco River, BA; (3) and of the ichthyofauna of Paranapanema River, SP, including a review of *Hypostomus* from Paranapanema river with Miriam Ghazzi.

**SPRINGER, VICTOR G.** Curator, Division of Fishes, Section of Vertebrate Zoology, Department of Systematic Biology, National Museum of Natural History, MRC-159, P.O. Box 37012, Washington, DC, 20013-7012, U.S.A.. Tel (202) 357-3305; Fax 202-357-2986; E-Mail springer.victor@nmnh.si.edu

Current work: Study of gill-arch musculature continues; review of *Symphysanodon*, Symphysanodontidae (with W.D. Anderson, Jr., P.I.) continues. Study of blenniid genus *Ecesenius* continues. Sundry check-lists and regional accounts of Blenniidae ongoing. I would be interested in seeing E. Pac shark specimens identified as *Mustelus henlei* (Triakidae) from south of Mexico.

**STEHMANN, MATTHIAS F.W.** ICHTHYS, Ichthyological Research Laboratory and Consultancy, Dr. Matthias STEHMANN, Hildesheimer Weg 13, D-22459 Hamburg, GERMANY. Email: M.Stehmann@ichthys-fisch.info, Tel. +49 - 40 - 32 89 70 71, Mobile +49 (0)179 - 2316614

Current work: Am since my early retirement in 2002 trying to get a number of long pending manuscript projects finished step by step for publication, with priority for descriptions of new elasmobranch taxa. The three years research project ECORAYA focusing on the *Bathyraja* skate fauna of the south-western Atlantic has been granted in March/April and kept my German partner ZMT Bremen and me busy since with all necessary preparations. Due to unexpected sudden circumstances, the official project start had to be postponed from 1 May to 1 July 2003, what forced me to cancel my intended participations in the ASIH/AES/IUCN meetings in Manaus and in the Kaliningrad 10<sup>th</sup> Congress on History of Oceanology. Have travelled to Mar del Plata in late June until early August to get the project started with both Argentinean partners and for preparation of the methodological project manual. Will guide during the project period jointly with M.D. Ehrlich (INIDEP Mar del Plata) the thesis work on *Bathyraja* systematics of my newly selected Ph.D. student Lic. M.J. San Martin (Univ. Buenos Aires). My next project visit to Argentina is scheduled from mid-October to mid-December 2003, and I will be on "shuttle service" between Hamburg and Mar del Plata more or less regularly for 2-3 longer visits each of the coming three years. See also general announcements. Thanks to all who have provided me their reprints for my renewed ichthyological research after a break of about 10 years since 1993, and please continue sending me your papers.

**STEIN, DAVID L.** Senior Marine Biologist, NOAA/NMFS Systematics Laboratory, Smithsonian Institution, P.O. Box 37012, National Museum of Natural History, Washington, DC 20013-7012, U.S.A. Tel (202) 357-2550; Fax (202) 357-2986; E-Mail david.stein@noaa.gov

Current work: (1) Descriptions of new South American snailfishes (family Liparidae) from Peru and Chile; (2) family Cyclopteridae (sensu lato) for the FAO Eastern Central Atlantic volume; (3) reviewing MBARI videos of snailfishes (family Liparidae); (4) review of high Arctic deep-water fishes (800-2800 m) (Zoarcidae, Liparidae, Psychrolutidae, Rajidae) from videos and still photographs; (5) community structure of fishes of Heceta Bank, Oregon. In 2004, I will be participating in the NSF-sponsored "ICEFISH" cruise aboard R/V "Nathaniel B. Palmer" to sample the marine fauna of the subantarctic Atlantic islands and banks, including: Burdwood Bank, Falkland Is., Shag Rocks, S. Georgia Is., S. Sandwich Is., Bouvet Is., and Tristan da Cunha. The cruise leaves Punta Arenas, Chile 17 May and arrives Capetown, SA, 17 July. We will be sampling bottom fishes from the intertidal to at least as deep as 7000 m in the South Sandwich Trench. Other than notothenioidae, liparids, zoarcids, grenadier, and myxinids, if you are interested in specimens of specific fish taxa likely to be collected, let me know well in advance and I will see what can be done to provide them.

**STIEPIEN, CAROL A.** Director, Great Lakes Environmental Genetics Laboratory, Center for Environmental Science, Technology, and Policy, Cleveland State University, 2121 Euclid Ave., Cleveland, OH 44122, U.S.A. Tel (216) 523-7311; Fax (216) 687-5393; E-Mail c.stiepien@csuohio.edu.

Current work: (1) Systematic revision of the Neogobiinae (Gobiidae) based on nuclear and mitochondrial DNA sequence characters and morphology, with research findings supporting that the genera *Neogobius*, *Proterorhinus*, and *Mesogobius* need to be synonymized as *Neogobius* and that *Proterorhinus marmoratus* from the Great Lakes and the Danube River needs to be resurrected/redefined as *Proterorhinus* (now *Neogobius*) *rubromaculatus* and is a separate species from *Proterorhinus marmoratus* in saline waters, including the type locality from Sevastopol, Crimea, Ukraine (by an estimated 5 million years of evolutionary divergence); (2) systematics of the black basses *Micropterus* (Centrarchidae) based on nuclear and mitochondrial DNA sequence characters and osteology (with Ph.D. student W. Calvin Borden); (3) systematic and population genetic relationships of the Percidae, based on nuclear and mitochondrial DNA sequence characters (with Ph.D. student Alex M. Ford), including population genetics of walleye *Sander vitreus*, yellow perch *Perca flavescens*, rainbow darter *Etheostoma caeruleum*, log perch *Percina caprodes*, and greenside darter *Etheostoma blennioides*

throughout the Great Lakes region; (4) systematics of the Blennioidae, based on nuclear and mitochondrial DNA sequence characters (families Clinidae, Labrisomidae, Chaenopsidae, Blenniidae, Tripterygiidae, and Dactyloscopidae). I anticipate having funding for a postdoctoral researcher on the Neogobiinae, beginning summer 2004; if interested, please e-mail me. Would greatly appreciate any additional samples of *Neogobius*, particularly from the Caspian Sea area (in 95% EtOH, will pay for shipping). Am planning a research collection trip to the Caspian Sea in fall 2004. Would also appreciate samples of *Labrisomus atlanticus* from all locations (in 95% EtOH, will pay for shipping).

**STEVENSON, DUANE E.** Research Fisheries Biologist, National Marine Fisheries Service, Alaska Fisheries Science Center, RACE Division, 7600 Sand Point Way NE, Seattle, WA 98115-0070, U.S.A. Tel (206) 526-4468; Fax (206) 526-6723; E-mail: Duane.Stevenson@noaa.gov

Current work: (1) Revision of the Bathymasteridae (w/ Ann Matarese); (2) description of new skate species (Rajidae) from the Aleutian Islands (w/ Jay Orr and others); (3) revision of the genus *Bothrocara* (Zoarcidae) (w/ Eric Anderson); (4) ongoing investigation of several potentially new species recently collected from the Bering Sea and Aleutian Islands. I participated in the 2003 Eastern Bering Sea shelf and Gulf of Alaska bottom trawl surveys, and will be participating in similar surveys in the summer of 2004. My ongoing work with the North Pacific Groundfish Observer Program continues.

**STRINGER, GARY LAYNE** Department of Geosciences, The University of Louisiana at Monroe, Monroe, Louisiana 71209-0550, U.S.A. Tel. (318) 342-1893; Fax (318) 342-1755; E-mail stringer@ulm.edu

Studies involving fossil otoliths continue to be the central focus of my research. A presentation entitled "Discovery and Significance of gobiid otoliths from the Middle Eocene (Early Lutetian) Cane River Formation of Louisiana" has been accepted for the 63<sup>rd</sup> Annual Meeting of the Society of Vertebrate Paleontology. This study extends the range of gobiids in North America to the middle Eocene (earliest Lutetian, approximately 46.5 to 48 million years old). The Cane River Formation gobiids appear to represent the earliest, well-documented occurrence of otolith-based gobiids in the world. A taxonomic and paleoecologic study of almost 2000 fossil otoliths from the Clinchfield Formation (earliest late Eocene) in Georgia is in progress. Work has also begun on further investigation of Late Cretaceous (Maastrichtian) otolith-based fishes from the famous Coon Creek Site in southwest Tennessee. Graduate student Brett Woodward completed his thesis on the taxonomy, paleoecology, and evolution of otolith-based fishes from the Late Cretaceous (Maastrichtian) Kemp Formation of northeast Texas. The study was based on over 1200 otoliths of marine Cretaceous fishes. Another graduate student, Casey Strickland, also completed his thesis entitled "The Use of Fish Otoliths and Analytical Techniques for Paleoenvironmental Interpretation in Archaic Archaeological Sites in North Louisiana." Finally, graduate student Lauri Worley is making progress on her study of bony and cartilaginous fishes (otoliths and skeletal remains) from three Oligocene sites in northeastern Louisiana.

**SULLIVAN, JOHN P.** Research Associate, Dept. of Neurobiology and Behavior, Cornell University, Ithaca, NY 14853, U.S.A.. Tel (607) 2544384; Fax (607) 2544308; Email js151@cornell.edu

Current work: (1) Molecular phylogenetics of African electric fishes (Mormyridae) with description of new species; (2) molecular phylogenetics of living bony-tongued fishes (Osteoglossomorpha); (3) molecular phylogenetics of South American electric fishes (Gymnotoidei).

**TOLEDO-PIZA, MÓNICA.** Departamento de Zoologia, Instituto de Biociências, Universidade de São Paulo, Caixa Postal 11461, São Paulo, SP 05422-970, BRASIL Tel: 55 11 3091-7482; FAX: 55 11 3091-7802. Email: mtpiza@usp.br

Current work: (1) Continuing studies on the phylogeny of the Acestorhynchidae (Ostariophysi, Characiformes); (2) phylogenetic study of the subfamily Characinae (Ostariophysi: Characiformes) (w/ N.A. Menezes and C.A. Lucena); (3) revision of *Erythrinus* and *Hopleryrhrinus* (Ostariophysi: Erythriniidae) (w/ O. Oyakawa and G. Mattox); (4) Revision of *Anostomoides* (Ostariophysi: Anostomidae) (w/ K. Mautari and G. Mendes dos Santos); (5) Survey of the head myology of the order Characiformes (w/ C. Moreira and D. Almeida).

**UIBLEIN, FRANZ.** Institute of Marine Research, Nordnesgaten 50, P.b. 1870 Nordnes, N-5817 Bergen, NORWAY. Fax +47 55 23 86 87, Email franz.uiblein@imr.no

Current work: (1) From mid November 2003 I will hold the position of a principal scientist in ichthyology at the Institute of Marine Research in Bergen, Norway. Major tasks are fish taxonomic, systematic, and ecological studies for the Census of Marine Life Project "MAR-ECO"



(<http://www.efan.no/midatlencensus/>) featuring the ecosystems along the Mid-Atlantic Ridge including participation in a cruise with the new G.O. SARS (w/ O.A. Bergstad *et al.*); (2) morphological phylogeny of *Neobythites* with special emphasis on the evolution of eyespots and colour patterns in this ophidiid genus (w/ J.G. Nielsen & W. Schwarzhans); (3) species composition and behavioural analysis of fishes in deep canyons off the Gulf of Maine (NW Atlantic) based on submersible dives and videos (w/ M. Youngbluth, F. Pagés & C. Jacoby); (4) Species composition and behavioural analysis of deep-sea fishes in the Bay of Biscay (NE Atlantic) based on submersible and ROV video sequences (w/ P. Lorange, V. Trenkel & D. Latrouite); (4) morphological comparison among populations of selected myctophid species from several different areas in the Atlantic and Indo-Pacific (w/ R. Wienerroither).

**UNMACK PETER J.** School of Life Sciences, Arizona State University, PO Box 874601, Tempe AZ 85287-4601, USA. Tel 480-965-8352; Fax 480-965-6899; email peter.unmack@asu.edu

Current work: (1) Finishing up phylogenetic work for my PhD on various Australia freshwater groups including pygmy perch (*Nannoperca*, Percichthyidae), hardyheads/silverside (*Craterocephalus*, Atherinidae) and rainbowfishes (Melanotaeniidae); (2) have various ongoing phylogenetic side projects including desert gobies (*Chlamydogobius*, Gobiidae), blue eyes (Pseudomugilidae), southern smelts (Retropinnidae) with A. Gilles, various Australian eleotrid genera (*Hypseleotris*, *Philypnodon*) with C. Thacker, and relationships among Perciformes and Atherinomorpha families with C. Thacker.

**VARI, RICHARD P.** Research Zoologist and Curator. Division of Fishes, Smithsonian Institution, PO Box 37012, National Museum of Natural History, WG-14, MRC 159 Washington, DC 20013-7012, U.S.A. Tel (202)347-4027; Fax (202)357-2986; E-Mail vari.richard@nmnh.si.edu.

Current research: The revisionary and phylogenetic study of the characiform family Prochilodontidae (w/ R.M.C. Castro) is in proofs and will be published in the next few months. The revisionary study of the catfish subfamily Cetopsinae (w/C.J. Ferraris, Jr. and M.C. C. de Pinna), a phylogenetic analysis of the Trans-Atlantic characiform clade Alestidae (w/A.M. Zanata), the redescription of the endangered eastern Brazilian characiform genus *Henochilus* (Characidae) with an analysis of its phylogenetic position (w/R.M.C., Castro, F. Vieira, and C. Oliveira), and the description of a new species of *Astyanax* (Characidae) (w/R.M.C. Castro) are in review. Primary ongoing projects include: (1) the description of a new species of *Tetragonopterus* (Characidae) (w/R.C. Benine and C.Z.P. Dardis); (2) the description of new species of *Nannocharax* (Distichodontidae) (w/C.J. Ferraris, Jr.); (3) the description of a new species of *Trichomycterus* (Trichomycteridae) from northwestern Argentina (w/L. Fernández); (4) an analysis of the phylogenetic relationships within the characiform family Anostomidae (w/B. Sidlauskas); (5) an analysis of the *Astyanax* species (Characidae) of the upper Rio Paran basin, Brazil (w/R.M.C. Castro); (6) a revisionary study of the neotropical catfish genus *Auchenipterichthys* (Auchenipteridae) (w/C.J. Ferraris, Jr. and S.J. Raredon); and (8) a reappraisal of the catfish genus *Tetranematichthys* (Auchenipteridae) (w/C.J. Ferraris, Jr.). Various other projects involving characiforms and siluriforms are at various levels of development.

**VOGT, KENNETH D.** Instructor (term), Department of Biological Sciences, University of Alaska Anchorage, 3211 Providence Drive, Anchorage, AK. 99508, U.S.A.. Tel. 907-786-4770. E-mail afkdv@uaa.alaska.edu

I have been promoted to an instructor position for the academic year 2003-2004. Previously I was an adjunct instructor. Research efforts in fishes are directed to the family Liparidae, Myxiniiformes, and Petromyzontiformes. My research in rehydrating dehydrated museum specimens continues. I am interested in fish-invertebrate interactions. I am still trying to publish my thesis results (an invertebrate problem).

**VOSKOBOINIKOVA O.S.** Senior scientist, Lab. Ichthyology, Zoological Institute of Russian Academy of Sciences, 199034 S.Petersburg, RUSSIA. Tel. (812) 328-06-12; Fax (812) 328-29-41; E-mail: vosk@zin.ru.

Current work: (1) Comparative osteology, osteological development, relationships, systematics and evolution of the notothenioid fishes and their relative suborders (Blennioidei s.l.) (2) early life history of the notothenioid fishes.

**WEITZMAN, STANLEY H.** Curator of Fishes, MRC 0159, WG12, Dept. of Systematic Biology, National Museum of Natural History, Smithsonian Institution, PO Box 37012, Washington, DC 20013-7012, U.S.A. Tel (202) 357-3379; FAX (202)-357-2986; E-Mail weitzman.stan@nmnh.si.edu

Current research: (1) Phylogeny & taxonomy of inseminating characiforms (those of the Glandulocaudinae & certain of the Cheirodontinae, plus certain inseminating and non-inseminating outgroup characids). All research uses cladistic methodology based on gross anatomical data (osteology etc.), SEM & TEM data, plus histological data, the later three based on the primary and secondary sexual anatomy. Gross anatomical data based on a wide variety of anatomical features. (2) Similar, but more or less incidental research on some catfish groups is also in progress. (3) Some systematic research is being conducted on various other American characids

**WILLIAMS, JEFFREY T.** Collection Manager, Division of Fishes, PO Box 37012, NHB WG-12 MRC-159, Washington, DC 20013-7012, U.S.A. Tel (202)357-3059; FAX (413)618-1138; e-mail: williams.jeff@nmnh.si.edu, <http://www.nmnh.si.edu/vert/jtw.html>

Current work: description of a new species of *Helcogramma*, with comments on *H. ellioti* (Tripterygiidae) (with Wouter Holleman); description of a new species of *Pseudochromis* (Pseudochromidae) from the Philippines (with Tony Gill); revisionary studies on the Indo-Pacific blennioid genera *Alticus* and *Andamia* (Blenniidae); revision of the *Helcogramma fuscopinna* species complex (Tripterygiidae) (with Jeff Howe) is in press in Aqua; families Blenniidae, Labrisomidae, Chaenopsidae, Tripterygiidae and Dactyloscopidae for the FAO Species Identification sheets for the Western Central Atlantic are in press; checklist of the fishes of Tonga (with M. Kulbicki, J. E. Randall, and D. G. Smith) is in press in the Atoll Research Bulletin; analysis of *Steeneichthys* (Plesiopidae) with R. D. Mooi; preparation of a chapter covering the Blenniidae is being prepared (with Victor Springer) for a book on the Fishes of the Western Indian Ocean; descriptions of five new species of *Tomicodon* (Gobiesocidae) from the Caribbean Sea, with J. M. Tyler, is in press in the Smithsonian Contributions to Zoology. An expedition to survey the fish biodiversity of Busuanga Island, Philippines, was undertaken in March 2003, with Mark Westneat, Kent Carpenter, Luz Regis-Romena, and others.

**WILLIAMSON, SALLY-ANNE.** PhD Postgraduate Student. Molecular Ecology and Biodiversity Laboratory, School of Ecology and Environment, Deakin University, PO BOX 423, Warrnambool, VIC 3280, AUSTRALIA. Tel: +613-5563-3569; FAX: +613-5563-3462; Email: swillia@deakin.edu.au

Current Work: I am in my 2nd year of my PhD entitled 'A Molecular Genetic Approach to Fish Species Identification from Processed Food Products' at Deakin University in Warrnambool under Dr. C. Austin, Dr. C. Burridge and Dr. S. Wilcox (Australian Genome Research Facility). The focus of this PhD research involves the design and development of a simple, rapid and reliable genetic method for identifying commercial and endangered Australian fish species in food products, with the aim of aiding effective management and regulation of the Australian Fishing Industry. The project may also provide a compact system allowing on-site market testing of fish species using new biochip technologies.

**WINTERBOTTOM, RICHARD.** Senior Curator, Centre of Biodiversity & Conservation Biology, Royal Ontario Museum, 100 Queen's Park, Toronto, ON, CANADA M5S 2C6. Ph. 416-586-5759; Fax 416-586-7921.

Current work: (1) Taxonomic, anatomical and phylogenetic studies of selected genera of gobiids (especially *Trimma* and *Trimmatom*); (2) biogeography of the Indo-west Pacific from a phylogenetic perspective; (3) osteology and phylogeny of the gobioid *Parioglossus* – with R. Wang (in preparation); (4) development of a website providing hypotheses of the phylogeny of fishes, with nodal lists of the evidence for the relationships (with D. McLennan); (5) raising funding for a major trip to the Republic of Palau in May, 2004.

**WIRTZ, PETER.** PO Box 103, P - 9125 Canico, Madeira, PORTUGAL. Fax 00351-291-934784; email biomar@uma.pt.

Current work: (1) All aspects of the biology of blennioid fishes; (2) zoogeography of the area between the Azores and Sao Tome Island. Third trip to Sao Tome and Principe planned for February-March 2004. Describing new species of *Serranus* from Sao Tome (with F. Reiner). Book on the fishes of Sao Tome (with F. Reiner) almost finished. I am willing to send samples for (genetic) studies from my area, albeit against payment.

**WITTE, KAI ERIK.** Dept. of Genetics, Max Planck Institute for Dev. Biol., Spemannstr. 35/3, 72076 Tuebingen, GERMANY. Email: kai.witte@tuebingen.mpg.de

Current work: (1) Continuing interest in systematics, evolution and phylogeny/phylogeography, as well as ecology of Asian and European freshwater fishes; (2) longstanding projects on Cypriniformes (mainly Cyprinidae and Balitoridae) with coauthored papers on several taxa forthcoming.

**WOODLAND, DAVID J.** Zoology Bldg, School of Environmental Sciences and Natural Resources Management, University of New England, Armidale, N.S.W. 2351, AUSTRALIA. Tel (61 2) 6772 9889 or 6773 3081; Fax (61 2) 6773 3814; E-mail dwoodlan@metz.une.edu.au

Current work: (1) Revision of the Gerreidae; (2) completing revision of the genus *Leiognathus*; (3) adding to Siganidae revision with descriptions of new species; (4) molecular systematics of the Siganidae; (5) writing section on Siganidae for "Fishes of the Western Indian Ocean"; (6) researching/writing the section on parasitic fishes for a standard textbook on "Marine Parasites". As an Honorary Fellow of the University I am provided with a lab and study in order to continue with my research. I also do casual consultancy work and teaching.

**ZHANG, CHUN-GUANG.** Curator of Fishes and Research Professor, Research Center of Zoological Evolution and Systematics, Chinese Academy of Sciences, Beijing, CHINA, 100080. E-Mail: fish@panda.ioz.ac.cn

Current work: (1) classification of marine catfish (*Arius*) of China; (2) classification and biogeography of cave fish of China (*Sinocyclocheilus*,

Cyprinidae). Long-range studies include the study of the ichthyofauna of Chinese eels.

**ZHOU, WEI.** Professor, Faculty of Conservation Biology, Southwest Forestry College, Kunming, Yunnan 650224, P. R. CHINA. Tel. 86-871-3863669 (H), 86-871-3862458 (O); E-mail weizhou@public.km.yn.cn

Current work: (1) Study on phylogeny of cyprinoid fish genus *Discogobio* (Cyprinidae); (2) study on taxonomy and phylogeny of nemacheiline loaches genus *Paracobitis* (Cobitidae); (3) continue to study taxonomy of glyptosternon group in Sisoridae (Siluriformes) and relationship between this group and biogeography of north-western Yunnan.

**ZUPANCIC PRIMOZ.** AZV AGENCY Dolsko 14, 1262 Slovenija, EUROPE E-mail: primoz.zupancic@guest.arnes.si tel/fax 00386 1 5647 616

Current work: 1. Study on systematics and distribution of endemic fishes inhabiting Western Balkans.

## Literature

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- AHNELT, H. & J.D. DORDA** In press. Gobioid fishes of the north eastern Atlantic and the Mediterranean: new records and rarely found species. Ann. Nat. hist. Mus. Wien 104B.
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## General Announcements

**ALL CATFISH SPECIES INVENTORY.** We are extremely pleased to announce that our proposal to discover and describe the catfishes of the world has been fully funded by the U.S. National Science Foundation! The All Catfish Species Inventory (ACSI) was proposed as Phase I of a long-term inventory of the Otophysi, the largest clade of freshwater fishes. The inventory is expected to result in the discovery and description of up to 1,750 new species of catfishes and, ultimately, in the description of between 2,300 and 4,600 new species of freshwater fishes. It will result in the completed taxonomy of a globally diverse taxon, Siluriformes, and later in the completed taxonomy of Otophysi, the clade containing over two-thirds of all freshwater fishes. Products of ACSI will include a completed taxonomy of catfishes with up-to-date identification guides, atlases, catalogs and checklists of species, phylogenetic studies of higher-level relationships among catfishes and an improved predictive classification, large samples of freshwater fishes from poorly collected regions added to permanent collections, and enhanced international communication among fish taxonomists. The project's website <<http://clade.acnatsci.org/allcatfish/>> and electronic mail listserver are available for dissemination of ACSI data and products, and to provide for better communication among taxonomists about research, educational and outreach opportunities. An exceptional feature of ACSI is the large number of taxonomists and students (over 200 participants from 31 counties) who will participate in the project. Each participating ichthyologist, including graduate students and advanced undergraduates, is eligible for small awards from ACSI to support completion of the species inventory of catfishes. Please see information on the ACSI website about how to request funding. We welcome your requests for funding to participate in ACSI. (Larry Page, Principal Investigator; John Lundberg, co-Principal Investigator; Carl Ferraris, co-Principal Investigator; John Friel, co-Principal Investigator; Jonathan Armbruster, co-Principal Investigator; Mark Sabaj, co-Principal Investigator).

**THE ARTEDIAN** is available as an alternative Ichthyology Collection Management System. It keeps track of collection objects (bottles, tissue, images, references), prints reports and labels, handles incoming and outgoing loans (less the packing and shipping), and a lot more. You may download it from [www.nrm.se/artedian/](http://www.nrm.se/artedian/) or obtain the full code from the author [sven.kullander@nrm.se](mailto:sven.kullander@nrm.se). The current version 2.042 requires MS-Access 2000 or MS-Access XP. A webfront is available using PHP and MySQL (used for NRM database at [artedi.nrm.se/nrmfish/](http://artedi.nrm.se/nrmfish/)) and it also includes single-click exports to FishNet and customizable DiGiR formats.

**BIOGEOGRAPHY SPREADSHEET FOR INDO-PACIFIC SHOREFISHES.** Work continues sporadically on a biogeographic table of shorefish distributions for the Indo-Pacific in the form of a spreadsheet. The purpose of the spreadsheet is to compare biodiversity across regions and aid in producing detailed species distribution maps. It includes all species of shorefishes that occur down to 200 m, including freshwater gobioids as well as deeper-dwelling species within certain families that include shorefishes (e.g. many eels, dragonets, scorpaeniformes). It is based primarily on

published checklists, taxonomic revisions and periodic reviews of key journals, but also utilizes much unpublished information from other sources such as museum collection data bases and verifiable underwater photographs. So far, I've completed data entry for localities that are the subject of recent comprehensive faunal studies or checklists. I am interested in contributions from anyone with recent, accurate lists of fishes from their area, especially lists that can be emailed as electronic files convertible to MS Word or Excel. Of course, I would be happy to share information from my spreadsheet. Since this is an unfunded project that gets "shelved" for long periods of time, I ask past and future collaborators to please bear with me and I will eventually get back to you. Since it now occupies nearly 100 pages of near-microscopic text, I rarely print it and prefer to share it or portions of it as an electronic file. Robert F. Myers, 1554 E. Harmony Lakes Circle, Davie, FL 33324-7104 USA. Ph. 954 577-7919 Email: [robmyers1423@bellsouth.net](mailto:robmyers1423@bellsouth.net).

**CALIFORNIA ACADEMY OF SCIENCES—MOVE TO TEMPORARY QUARTERS IN 2004.** The entire operations of the California Academy of Sciences will be transferred from Golden Gate Park to temporary facilities in downtown San Francisco (875 Howard St). All but one of the current buildings will be demolished, and a totally new building, designed by world-renowned architect Renzo Piano, will be built in its place. The entire Department of Ichthyology, including the fish collection, will be transferred to the temporary facility. All CAS research departments, the aquarium and public exhibits will have a presence in the temporary quarters. The timing is still being established, but we anticipate moving as early as March or as late as June 2004. The collections will not be accessible during our move, but they will be available once we are settled into the new quarters. We will be short-handed while at the transition site because some departmental staff time will be redirected to assist with the planning and exhibit preparation for our return to the new facility in 2008. The Academy has already reduced staff and made reassignments for financial reasons and because the much-smaller temporary facilities will not require as large a staff. Specimens will be available for loan, but it may take longer to send them out; we ask researchers to keep such requests at a minimum (and see also our [www](http://www.icas.acnatsci.org) site for photographs and radiographs of primary types). Research visits will be possible, but please check with us first; we suggest not visiting during the actual move (which might take only a month). Our email addresses are expected to remain the same.

**CHANGE OF ADDRESS.** Access Computer Printer Products, Inc., who provides printer ribbons with non-bleeding ink, has moved; their new address is: Access Computer Printer Products, Inc., 1213 Crockett Ln, Silver Spring, MD 20904. Phone: (301) 384-1398; Fax: (301) 384-1944; E-mail [acpp@erols.com](mailto:acpp@erols.com). The non-bleed ribbons they can make are 3/8" and 1/2" wide (nylon width). Contact: Mr. Minh Nguyen.

**CHILEAN ICHTHYOLOGICAL ASSOCIATION (ASOCIACIÓN CHILENA DE ICTIOLOGÍA).** This local organization is celebrating its 25<sup>th</sup>

anniversary, after being founded in 1954. The VII Symposium-Workshop will be held at the Universidad Austral de Chile (Valdivia, Chile), January 14-16, 2004. These meetings are bi-annual. There will be a few reprints on the "Abstracts" free for members of the NSI. Requests to Germán Pequeño, Instituto de Zoología "Ernst F. Kilián", Universidad Austral de Chile, Casilla 567, Valdivia, Chile. E-mail: gpequeno@uach.cl

**COLLECTION STATUS.** The fish collection of the South African Institute for Aquatic Biodiversity, Grahamstown, has been out of service since May 2003 owing to reshelving needs. We expect that specimen and data requests will be slow during the remainder of the year, but we will be back to normal in early 2004 (collection closed during end-of-year holidays). We are constructing a new collections building next door and expect the final move in 2006, at which time the collection will be unavailable again for several months.. The new building will also include space for chemical storage, specimen preparation, visitor examination and loan processing.

**THE CORNELL UNIVERSITY MUSEUM OF VERTEBRATES** has successfully completed its move to a new facility. The museum now has expanded specimen and tissue collection areas, a multi-user molecular lab, preparation and teaching labs, and space for visiting researchers. The fish collection is once again fully accessible and its holdings can be searched online at <<http://www.cumv.cornell.edu/>>. Please note our new mailing address, phone and fax numbers: Cornell University Museum of Vertebrates, 159 Sapsucker Woods Road, Ithaca, NY 14850-1923 USA; Tel. 607-254-2161; Fax 607-254-2415; Email [vertebrates@cornell.edu](mailto:vertebrates@cornell.edu). - John Friel.

**EARLY STAGES OF FISHES FROM THE WESTERN CENTRAL NORTH ATLANTIC** can be accessed at [www4.cookman.edu/noaa/](http://www4.cookman.edu/noaa/) click on ichthyoplankton for completed chapters. This comprehensive identification guide will be published in October 2004 by CRC Press. -- See under Richards, W.J. in Synopsis Section.

**ECORAYA** – a comprehensive skate research project on species of the genus *Bathyraja* in the Western South Atlantic off Argentina has started on 1 July 2003 and will last until 30 June 2006. On application by the German partners Centre of Tropical Marine Ecology (ZMT) Bremen and ICHTHYS Consultancy Dr. M. Stehmann, the project was funded by the German Volkswagen Foundation. Project partners in Argentina are the National Fishery Research Institute INIDEP and the Ichthyological Laboratory of the National University in Mar del Plata (UNMDP). Project tasks are Ecology and Biology (reproduction, feeding habits, age and growth), under responsibility of the Argentinean partners, and Biodiversity supervised by the German partners. Argentinean Ph.D. candidates will be integrated into the project and partly be supported by German fellowships for their academic qualification and to allow continuous work flow of project tasks. Skates of the genus *Bathyraja* are represented in the Western South Atlantic by 11 species, including a still undescribed species, and form, because of their size and abundance, an important resource for commercial fisheries, be it as by-catch or for target exploitation. Little is known, however, of their ecology and biology, and also knowledge of their taxonomically relevant characteristics and their systematic status is far from being up to date. The aim of the project is to also improve the fundamental biological and environmental knowledge of these skate species to a degree that, in view of their already current exploitation, measures for preserving their habitats and natural biodiversity, as well as an adequate monitoring and fishery management of their stocks can be established as soon as possible. The results of ECORAYA should thus enable Argentinean fishery management authorities to take adequate measures in the future for conserving the vulnerable fishery resources of skate stocks in favour of their sustainable yield. For further information contact Dr. M. Stehmann (see main section for address details).

**FRESHWATER FISH DISTRIBUTION** by Tim M. Berra is available from Elsevier /Academic Press, In the Americas (North, Central & South): TEL: 1-800-545-2522 in North America and 1-314-579-3300 outside North America; E-mail [usbkinfo@elsevier.com](mailto:usbkinfo@elsevier.com) or online at <http://books.elsevier.com>. All other countries: Tel +44 186 547 4110; E-mail [eurobkinfo@elsevier.com](mailto:eurobkinfo@elsevier.com) or online at <http://.com>. This book features 169 distribution maps of fish families that enter fresh water, 234 beautiful line drawings of fishes, and 1700 references. Please contact Tim Berra (E-mail [berra.1@osu.edu](mailto:berra.1@osu.edu)) for an errata sheet.

**GIBBS AWARD FOR EXCELLENCE IN SYSTEMATIC ICHTHYOLOGY.** Nominations are solicited by the American Society of Ichthyologists and Herpetologists (ASIH) for the Robert H. Gibbs, Jr., Memorial Award for Excellence in Systematic Ichthyology. The Gibbs Award is presented annually in the memory of Robert H. Gibbs, Jr., Distinguished Fellow of the American Society of Ichthyologists and

Herpetologists, and is made possible by an endowment fund established by the Society from a gift provided by Frigga Gibbs, Bob's wife. It is given for an outstanding body of published work in systematic ichthyology to a citizen of a Western Hemisphere nation who has not been a previous recipient and consists of a plaque and a cash sum based on available income accrued to the endowed principal. The recipient, selected by committee, is recognized at the annual meeting of the Society. Nominations may be made by any ichthyologist, including self nominations, and should include the nominee's curriculum vitae along with details of the nominee's specific contributions and their impacts on systematic ichthyology. Nominations are effective for three years and should be submitted by 1 March 2004 in order for the nominee to be eligible for the 2004 award. Three copies of the materials for each nominee should be sent to the Chairman of the 2004 Gibbs Award Committee, Dr. Henry L. Bart, Jr. (Tulane University Museum of Natural History, Belle Chasse, Louisiana 70037; E-mail: [hank@museum.tulane.edu](mailto:hank@museum.tulane.edu)), or to the Secretary of ASIH, Dr. Maureen A. Donnelly (Biological Sciences - OE 167, Florida International University, University Park, Miami, Florida 33199; E-mail: [donnely@fiu.edu](mailto:donnely@fiu.edu)). In July 2003 at the annual meeting of ASIH in Manaus, Amazonas, Brazil, the award for 2003 was presented to Dr. G. David Johnson, Division of Fishes, National Museum of Natural History, Smithsonian Institution, Washington, DC, for his numerous contributions clarifying the relationships of bony fishes.

**KILLI-DATA -- ICHTHYOLOGICAL WEBSITE.** I would like to inform you of a new ichthyological website that can be a good addition to readers of the CAS Newsletter. [www.killi-data.org](http://www.killi-data.org) It deals with all killifishes, i.e. oviparous cyprinodontiformes fishes. The website is made of 2 parts, both are free for ichthyologists: 1- to enter the "guest" section, mainly with news and various information designed for aquarists also, just login with your e-mail (it includes too twice a year newsletters, plus Killiflashes immediately after important publications for new species, upon free subscription). 2- to enter the "registered users" section, mainly with the data base on all (1237) taxa and about 1700 color photos, a registration is needed to obtain an ID and a password (to subscribe freely, just click in REGISTRATION within the "guest" section). An example of one of the pages of the data base is given in the "guest" section if you click on SAMPLE. It contains everything of what is known on any single taxon, valid or synonym, available or not, with a photo of the male and the female for most valid species and a complete bibliography. (See J.H. Huber).

**ILLUSTRATIONS FROM 'ONTOGENY & SYSTEMATICS OF FISHES'** include many illustrations produced by NOAA-NMFS staff artists and all have been housed at the Southeast Fisheries Science Center in Miami since the now out-of-print book was published in 1984. These illustrations are now being scanned into electronic TIFF formats at 600 dpi and will be accessible from the NOAA SEFSC web site <http://www.sefsc.noaa.gov/> in 2004.

**LAST ISSUE OF THE NEWSLETTER OF SYSTEMATIC ICHTHYOLOGY.** Because some present Ichthyology staff will be reassigned to other duties on a regular basis in the future (see Announcement on the move), we need to reduce some activities. It was decided that this 25th issue of the Newsletter will be the last. We hope ASIH or some other group will take up where we leave off. We appreciate the interest, participation, and support so many of you have shown over the past 25 years, and we hope the Newsletter has been helpful in disseminating information about the activities of systematic ichthyologists around the world. The financial assistance of ASIH, H & N Foods, and several generous donors is gratefully acknowledged. Department of Ichthyology, California Academy of Sciences.

**MESSAGE FROM SUSAN JEWETT:** On January 31, 2004 I will retire from my position as collection manager in the Division of Fishes, National Museum of Natural History, Smithsonian Institution. My career has spanned more than 34 years and has been extremely fulfilling for me. Highlights have included revisionary work on *Eviota* with Dr. Ernest A. Lachner, field work in South America and Cuba, and participation in the preservation of the holotype of *Latimeria menadoensis*. Perhaps the most rewarding of all, however, has been the friendships that have grown out of my interaction with colleagues throughout the world. Therefore, it is with mixed feelings that I leave the Division and embark on new adventures. I plan to remain in the Washington area for another two years during which time I will continue to be associated with the NMNH. After that I will relocate to the town in which I grew up, where I initially developed an interest in marine sciences, East Hampton, New York. I plan to remain active in ASIH and to redirect my efforts into local educational activities. Please address future requests for loans of specimens and other Fish Division matters to Dr. Jeffrey Williams (Williams.Jeff@nmnh.si.edu) or one of the curators on our staff. For the near term I will retain my email and mailing address at the NMNH. Thanks to all

of you who have honored me with your friendship and support over the years. I shall miss you!

**MICRONESIAN REEF FISHES.** The hardcover edition is out of print pending completion of a supplement. The abridged softcover field guide with the same color photos covering nearly all coral reef species (0-60m) remains available: *Micronesian Reef Fishes*, a field guide for divers and aquarists: 408 pp., 1559 photos of 1192 spp. \$49.95; Postage/handling: U.S., Palau, FSM, Marshalls, American Samoa: Priority (air): \$5.00/book; W. Europe, most of Pacific Rim: Priority (air): \$10.00/book. Coral Graphics, 1554 E. Harmony Lakes Circle, Davie, FL 33324-7104 USA. Ph. 954 577-7919 Email: robmyers1423@bellsouth.net.

**A NATURAL HISTORY OF AUSTRALIA** by Tim M. Berra is available in North America from Academic Press and in Australia and New Zealand from University of New South Wales Press. This book covers the geography, geology, plants, invertebrates, Great Barrier Reef, fishes, amphibians, reptiles, birds, mammals, and Aborigines of the island continent. It features over 200 color photographs, 220 line drawings, and 500 references.

**OFFICES AND LABORATORY** with specimen storage vault, for org / researcher needing space in the west.rural Nevada with access to Reno, Carson City. (20 & 8 mi), and California, available for rent/lease. Ideal for long term science & environmental programs as well as conferences, education workshops and quiet study. Low rent to you, conservation – professional, nonprofit, environmentally oriented, ecologically sensitive organizations. Contact: yvonnebooth@charter.net , (775) 529-9902, or R G Miller (520) 327-2911; forstinst@aol.com.

**REPRINTS AVAILABLE** of Lourie, S.A. and Randall, J.E. (2003) A new pygmy seahorse, *Hippocampus denise* (Teleostei: Syngnathidae) from the Indo-Pacific. *Zoological Studies*. 42(2): 284-291. Please contact slouri@pobox.mcgill.ca.

**SYMPOSIUM** in Honor of the Contributions to Systematic Ichthyology by Bruce B. Collette and Celebration of the 70<sup>th</sup> anniversary of his birth. Organizers: Lynne R. Parenti, National Museum of Natural History, Smithsonian Institution (mailto:parenti.lynne@nmnh.si.edu (202) 357-3313), and Thomas A. Munroe, National Marine Fisheries Service, NOAA,

(mailto:munroe.thomas@nmnh.si.edu (202) 357-4255), Washington, D.C. Bruce B. Collette is long-standing and dedicated member of ASIH, winning the Stoye award for best student paper in both Ichthyology and in Herpetology, serving as General Ichthyology editor of *Copeia*, and as President. He was honored by the Society for his contributions to systematic ichthyology by being the first recipient of the Gibbs Award in 1989. Bruce has mentored countless students, teaching a systematic ichthyology course regularly each summer in Nahant, MA, and then Bermuda. He is a co-author of the *Fishes of Bermuda*, published by ASIH, co-author of the *Diversity of Fishes*, and co-editor of *Fishes of the Gulf of Maine*. On March 14, 2004, Bruce will celebrate his 70<sup>th</sup> birthday. We will celebrate at the Oklahoma meetings with a one-day symposium and dinner in his honor in the evening following the presentations. All meeting participants are welcome to attend the symposium and the dinner. Please contact either one of the organizers for further information, especially if you would like to speak at the dinner or present a paper in the symposium. Deadline for abstract submission is 30 January 2004. We also request use of any photos you may have of Bruce, especially in the “early years” to use in the symposium introduction and at the dinner.

**A VERY LARGE COLLECTION OF LARVAE, JUVENILE AND ADULT FISHES FROM THE NORTHERN CORAL SEA** was accessioned by the Australian Museum Ichthyology Section during 2003. This is “by catch” from a CSIRO study of lobster larvae using a large midwater trawl. Material ranges from small larvae to sharks. If you are interested in the study of any of this material, please contact the AMS collection manager, Mark McGrouther (markm@austmus.gov.au).

**A SERIES OF WEBSITES** that cover various aspects of Australian freshwater fish biogeography available at [www.peter.unmack.net/biogeog](http://www.peter.unmack.net/biogeog) -- UNMACK, P.J.

**WESTERN AUSTRALIAN MUSEUM'S FISH COLLECTION CLOSED DURING 2004.** Due to the impending relocation of the Western Australian Museum's scientific staff and collections, the Executive Director has suspended access to the collections until the start of 2005. Requests for data on holdings in the collection, however, will still be handled, and loans can still be returned to the Museum's current address.

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## New Publications

**ANNOTATED CHECKLISTS.** A trial grant was received from NSF to CAS for us (Bill Poly, Kitty Mecklenburg, Mysi Hoang, Paolo Parenti, and Bill Eschmeyer) to work with specialists and do research to produce checklists of fishes by family. That grant has now ended, although we have some additional funding for Mecklenburg to continue from CAS funds, and Poly can assist some until February 2003 (since his research work on the draft list of names overlaps with the Annotated Checklists – see Eschmeyer account in this Newsletter). We found that it took us much research time to solve problems on names, dates, references, and nomenclatural matters; many emails went back and forth between us and the family specialists. However, it was our conclusion that these are extremely useful treatments authored by specialists; often by those nearing the end of active careers or researchers who are no longer concentrating on the family treated. These checklists serve to establish the current state of our knowledge for each family, and they set the stage for more research and for the next generation of ichthyologists. The first CD was posted, and at least 5 copies deposited at named libraries to establish publication. To examine the Introduction that discusses this series, and to see or download family accounts, go to [www.calacademy.org/research/ichthyology/annotated](http://www.calacademy.org/research/ichthyology/annotated); all accounts will be “downloadable” from our site. Any suggestions for additional funding are welcome. Eschmeyer feels he can in the future continue to work with a few authors at any one time, so the project will continue at some level. We expect to have CDs 2 and 3 published and posted in late 2003/early 2004. Submitted by Bill Eschmeyer.

**BIGELOW AND SCHROEDER'S FISHES OF THE GULF MAINE, 3RD EDITION.** Edited by Bruce B. Collette and Grace Klein-MacPhee. 2002. Smithsonian Institution Press, Washington, DC, 748 pp. With the cooperation of 35 ichthyologists and fishery biologists, Bruce Collette and Grace Klein-MacPhee revised and updated Bigelow and Schroeder's classic 1953 book. They document 252 species in 118 families, an increase of 33 species over the 219 included in Bigelow and Schroeder. Most new records are deep-water fishes that trickle into the Gulf. Seven species were described as new in the last 25 years. The Gulf contains a cold-water fauna characterized by relatively few species in a relatively large number of families. The 7 most speciose families are: skates (Rajidae) - 13 species, jacks (Carangidae) - 11, cods (Gadidae) and mackerels (Scombridae) - 10, herrings (Clupeidae) and sculpins (Cottidae) - 8, and righteye flounders (Pleuronectidae) - 7. About one-third of the 252 species are common residents of the Gulf, two-thirds are strays or seasonal visitors from south, north, or deep waters. Man has had a negative impact on the fishes of the Gulf: populations of many species have been greatly reduced so some formerly common species are now rare, fisheries are now based on only a few year-classes instead of many, and average size and age at first maturity have decreased resulting in decreased fecundity. Available from Smithsonian Institution Press, P. O. Box 960, Herndon, VA 20172-0960. \$75 plus \$4.50 postage and handling.

**CLOFFSCA CHECK LIST OF THE FRESHWATER FISHES OF SOUTH AND CENTRAL AMERICA** Edited by Roberto E. Reis, Sven O. Kullander and Carl J. Ferraris, Jr. CLOFFSCA is a biodiversity inventory of the freshwater fishes of South and Central America, including the Caribbean islands. It meets two immediate objectives, the first to list all known taxa for the region, and the second to establish a platform for keeping the inventory updated. CLOFFSCA was made possible by two databases resources combined with a large amount of systematic expertise. The Catalog of Fishes compiled by William N. Eschmeyer at the California Academy of Sciences, and the FishBase Project, which is a global information system covering all aspects of fish biology, created by Daniel Pauly and Rainer Froese. For this enterprise the editors invited experts for each family or subfamily of Neotropical fishes to participate as authors in CLOFFSCA. In the end, 64 persons from South America, North America and Europe were enlisted. Authors played the most important role in correcting synonymy and adding lots of new information to the original database. Entries for each fish species in the Neotropics include valid name and synonyms, author, year and page of original descriptions, type locality, and catalog number and depository of primary type specimens. In addition, contextual information for each species include maximum length, geographical distribution, countries of occurrence, common names, and remarks and references. A general introduction and a list of references complete the chapter for each family. This book is a necessary reference to all those working on systematics or general ichthyology of Neotropical fishes. Ordering CLOFFSCA (Hard cover, 729 pages, high quality paper, ISBN 85-7430-361-5) Price: R\$ 146,00 or US\$ 48.00. Shipping and handling: R\$ 15,00 (Brazil) or US\$ 12.00. Order with payment to: Edipucrs Av. Ipiranga, 6681 P.O. Box 1429 90619-900 Porto Alegre Brazil or FAX it to: +55-51-3320-3523. CLOFFSCA is available over the Internet at the Livraria Cultura. Go to <<http://www.livrariacultura.com.br>> and follow the instructions (in Portuguese). If you don't read Portuguese, follow these instructions: 1) Go to: Livraria Cultura <http://www.livrariacultura.com.br>. 2) In the upper left corner type in "Check List" and click the red arrow to go. 3) Select the "Check List of the Freshwater Fishes of South and Central America". 4) Click on the red tag [Comparar Livro]. 5) Select number of copies desired. If you change from "1" then click on the link "Se você alterou..." to recalculate the total. Click in the red tag [Ir ao Caixa]. 6) Type in your email and select "e sou do exterior". Click on [Continuar]. 7) Confirm your email and fill in your name, and address. Fill in your sex, birthday and choose a password (senha). Fill in a telephone number and choose an option at the "Mais Cultura box". Click in [Continuar Compra] at the bottom. 8) Select a shipping option - Sedex International recommended. Fill in your Credit Card data and click on [Confirmar Pedido].

**FISHERY SCIENCE: THE UNIQUE CONTRIBUTIONS OF EARLY LIFE STAGES**, edited by Lee A. Fuiman and Robert G. Werner. Each chapter of this textbook was written by a specialist and educator and covers a topic traditionally taught in fishery science courses, emphasizing the unique

contributions that research on fish eggs and larvae make to understanding fish populations. Contents: Preface; Special Considerations of Fish Eggs and Larvae; Age and Growth; Mortality; Recruitment; Population Analysis; Cohort Identification; Habitat Requirements; Assemblages, Communities, and Species Interactions; Fishery Management; Human Impacts; Case Studies: Resurgence and Decline of the Japanese Sardine Population, Cascading Effects of Human Impacts on Fish Populations in the Laurentian Great Lakes, Understanding Conservation Issues of the Danube River; Methodological Resources; Appendix; literature Cited; Subject Index; Taxonomic Index. See [http://www.utmsi.utexas.edu/staff/fuiman/Fishery\\_Science.htm](http://www.utmsi.utexas.edu/staff/fuiman/Fishery_Science.htm) for more information.

**LARVAE OF INDO-PACIFIC COASTAL FISHES**, soft-bound edition (ISBN 90-04-13650-9) coming soon. Expected in early 2004, price US\$124/EUR 99. Email orders to Brill: [cs@brillusa.com](mailto:cs@brillusa.com) in the USA, or [orders@brill.nl](mailto:orders@brill.nl) elsewhere. This is a slightly updated, more affordable version of the very expensive 2000 hard-cover edition. See reviews of the hard-cover edition in *Cybium* 25(1):66, *Copeia* 2001(4): 1172-74, *Reef Encounter* 31:36, *Journal of Fish Biology* 60(4):1065-1067, *Aust Mar Sci Assoc Bull* 159:47.

**REVISION OF THE PSEUDOCROMINAE**. This long-awaited tome on the Indo-Pacific dotybacks by Anthony C. Gill was produced in late 2003 as a monograph in the new SAIAB series, *Smithiana*. At 214 pages and 12 colour plates (120 illustrations), the publication includes descriptions of four new genera and 80 species, 10 of which are new, keys to all 10 genera and their species, distribution maps and biological and taxonomic discussions. Inexpensively produced in South Africa, the monograph is selling for only US\$45 or 40 Euros outside SA, including packaging and surface postage (airmail price available on request). The price to South African purchasers is R171 plus R25 postage. Bank cheques in Euros or dollars acceptable, but we prefer electronic bank transfers with proof of deposit. Send orders and receive details to our library: [P.Mpambani@ru.ac.za](mailto:P.Mpambani@ru.ac.za) or the editor: [E.Anderson@ru.ac.za](mailto:E.Anderson@ru.ac.za).

**SOUTHERN AFRICAN FRESHWATER FISH ATLAS**. This is a second monograph in the SAIAB *Smithiana* series by six ichthyologists in the region. It is based on the first author's (L.E.P. Scott) MSc. thesis and features a history and development of freshwater ichthyological biodiversity studies, atlasing and information technology development in southern Africa and details on the *Atlas* on a CD. The bulk of the tome is 252 distribution maps of species, followed by 25 colour plates, a must have for workers interested in African fishes. The cost is US\$ 50 or 45 Euros outside South Africa (R216 plus postage within SA). As with our first monograph on pseudochromines (above), we prefer electronic bank transfers, but can accept cheques. For details contact our library: [P.Mpambani@ru.ac.za](mailto:P.Mpambani@ru.ac.za), or the editor: [E.Anderson@ru.ac.za](mailto:E.Anderson@ru.ac.za).



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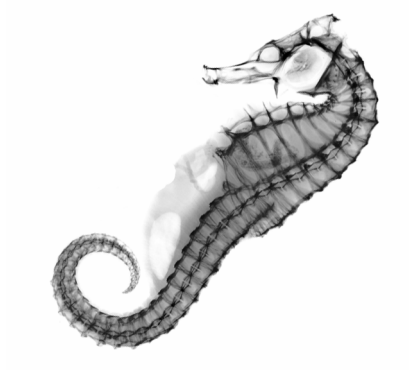
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