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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Current work: (1) PhD Thesis on the taxonomic study and phylogenetic relationships of the genera: Brachyplectostoma, Goslinia, Platystomatichthys, Pseudoplactostoma and Sorubim (Siluriformes, Pimelodidae), to be finished in 2003; (2) description and phylogenetic relationships of a new species of blind pinelodid catfish from a cave in the state of Bahia, northeastern Brazil (w/ R.M.C. Castro); (3) description of a new Sorubim from Jurujena river, Tapajós basin, Brazil; (4) phylogenetic relationships of the Sorubiminae genera (Siluriformes, Pimelodidae); (5) description of skeleton of Pimelodas maculatus; (6) taxonomic study of Platytherius and Duopatatus genus.

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

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Current work: Morphology of Gobioid fishes: lateral line system, osteology; (1) morphology of Ponto-Caspian gobies (w/M. Duchkowitch); (2) morphology of east Pacific gobies (w/V. Bohacek, J. Goeschl, N. Miljovic & G. Scattoni). 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: 352-392-1732; E-mail: jwallt@flmnh.ufl.edu.

Current work: (1) Phylogenetic revisions of the Neotropical electric fish genera Gymnotus, Stiagenes, and Sternopygus using morphological data, including descriptions of 11 new species in these taxa (James Albert, William Crampton, Dean Thorsen and Kevin Hulen); (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 basin, Brazil; (4) phylogenetic relationships of the Sorubiminae genera (Siluriformes, Pimelodidae); (5) description of skeleton of Pimelodas maculatus; (6) taxonomic study of Platytherius and Duopatatus genus.

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systems of *Kurtus gulliveri* is in preparation with Andrew Mahon and Kent Carpenter; (3) paper on the ontolith 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) ontology 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, and (7) systematics of *Kurtus indicus is in press at Ichthyological Exploration of Freshwaters; (7) resource partitioning among *Ethesthes* 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 egg to do DNA paternity analysis with John Avise.

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Current work: (1) Phylogeny and systematics of Neotropical and Eigenmann, 1909 (Ostariophysi: Characiformes: Characidae) (w/ Luiz R. Malabarba; (2) review of Aptyxen Baird & Girard, 1854 (Teleostei: Characidae) from the rio Tramandai drainage, RS, Brazil (w/ L. R. Malabarba and J. P. da Silva); (3) systematics of Prodonotocharus and Amblycestis (Teleostei: Characidae: Cheirodontinae), with descriptions of new species (w/ L. R. Malabarba); (4) review of Odontesthes "grupo perugiae" from the lagos Patos drainage (w/ L. R. Malabarba and B. Dyer); (5) study of the occurrence, distribution and abundance of some common fish species in the Iago Guia, RS, Brazil (w/ F. G. Becker and Z. M. Lucena); (6) description of two new species of Ancistrus from the rio Tocantins drainage (w/ S. Fish-Muller, A. R. Cardoso and J. P. da Silva).

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Current work: (1) Genetic, citotaxon and morphological revision of cyprinids from southern Europe in collaboration with colleague from several European countries; (2) a paper in collaboration with Frank Nordlie on salinity tolerance of *Valencia letourneuxi* (Valenciidae) and *Pseudophoxinus symphalicus* (Cyprinidae) is still in preparation; (3) chapters on several cyprinid species for "The Freshwater Fishes of Europe" (edited by Aula - VITALI) are in press; (4) chapters on several *astyanax* (Callichthyidae) from Shallow waters. I start a work on biology and *Etheostoma zu* with color notes, *Kurtus gulliveri* is in press with Derek Aday; (5) review of *Aspidoras* (Aspidoridae) from Bahia (Loricariidae) (w/ R.E. Reis and P.A. Buckup); (6) a chapter about callicythid 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).

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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* (1758); (5) tooth replacement rate in lantern sharks (genus *Etmopterus*); (6) description of a new species of percoid fish from the Eocene Swaak Fm. of Washington (with Mark V. H. Wilson).

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Research is continuing on multiple projects: (1) Review of the family Catostomidae with separate reviews on genera (1a) *Aequidens* and (1b) *Xenotilapia*. (American genera completed, with dummy partially finished, African and Asian genera partially completed). (2) Review of the family Pomacanthidae. (dummy being constructed). (3) Review of the catfish family Coracidoridae, family Cichlidae. (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, Cichlidae. (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.

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Current work: (1) Molecular phylogeny of the Percichthyidae (w/ M. Tuong & 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 *Pogrus* (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 Cichlidae (w/ T. Donaldson); (2) phylogeny of the Chironemidae (w/ R. Melendez & B. Dyer); (3) osteology of the *Cichlidae* (Loricariidae) and *Amphoricidae* (w/ M. Gomon); (4) molecular phylogeny of *Acantophagus* (Sparidae). My contract at Deakin Univ. expires late 2004. http://www.deakin.edu.au/science/moclab/home.htm: lab website.

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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 *Leucopis* and on grunion (*Leuresthes tenuis*) population structure have been published.
Current Research: (1) Submiting to FAPESP (State of São Paulo, Brazil, main research granting agency) a Thematic Project on the phylogenetic nature of the family Characidae (Characiformes, Osteiophysii) (with Flávio A. Bockmann, Richard P. Van 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 (Osteiophysii, Siluriformes, Pimelodidae) (with Claudio A. Bockmann); (4) cophomorphy 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 *Bramichthys* like fish (Characiformes, Characidae) from the upper Paraná River basin, State of São Paulo (with Ricardo C. Benine, Alexandre C. Ribeiro and Rosana Souza Lima); (7) redescription and phylogenetic appraisal of *Henicholus wheatlandii* Garman, 1890 (Characiformes, Characidae) - submitted to Copeia and accepted for publication pending successful completion of revisions (with Richard P. Van, Fábio Vieira and Claudio Oliveira); (8) phylogenetic and revisionary studies of *Leporellus Lütken* (Characiformes, Anostomidae) (with Richard P. Van and Lilian Casatti); (9) taxonomic revision of the Upper Paraná River species of *Arystanax 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. Van); (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 of Rio Tocantins basin in the State of Tocantins, north of Brazil, Southeastern Brazil with Heraldo A. Britski, José L. Figueiredo, Náercio A. Menezes, Julio C. Gavarello, Richard P. Van, Stanley H. Weitzman and many students and technicians from LIRP-USP and MZUSP). One of 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 unevaluated areas in upper Paraná River basin, 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) Taxonomic revision and phylogeny of the subfamily Rhoadsiinae (Characidae, Characiformes); (2) revision of the species of *Rineloricaria* from coastal rivers in southern Santa Catarina to northeastern Rio Grande do Sul, Brazil (Pisces, Loricariidae); (3) description of a new species from the lower Comegues River of Thailand (in collaboration with E. Buffet and V. Suteethorn); (4) the completion of a database including all fossil post-Triasic 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.

**CAPPETTA, HENRI.** Laboratoire de Paléontologie, ISEM - Université Montpellier II, Sciences et Techniques du Languedoc, Cité 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


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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-Mendolia, A. González-Acosta & J. De la Cruz-Agierro) of several specimens captured from off Bahía Magdalena, Baja California Sur, Mexico, and rendered a new species, and the ms. has been already submitted for publication; (3) systems and biogeography of Mexican mojarras (Family Gerreidae) is almost ended (w/A. González-Acosta & A. Antuna-Mendolia); (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 Colection 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.

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

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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.

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

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Current work: (1) Sections on Belonidae and Hemiramphidae for fishes of the western North Atlantic; (2) FAO world catalogue of byline fishes (with N.Y. Parin); (3) molecular phylogenetic studies of Scombridae and Xiphiidae (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, Echeneidae, Hemiramphidae, Lampridae, Pomatiodae, 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, Echeneidae; (9) revision of all inclusive of the genus Zenarchopterus; (10) sexual dimorphism in the southeast Asian freshwater needlefish, Xenentodon (with M. Kottelat); (11) faunal study of the West Wind Drift islands and special monograph: (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.

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Current research: (1) Systematics of the groupers (Serranidae; Epinephelinae); (2) trans-isthmian speciation in marine fishes; (3) systematics of the Lophidae; (4) molecular systematics of the chaenopid tube-blinnies.

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

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Current work: (1) historical ecology, behavior and biogeography of hawkfishes (Cirrhitidae) 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 Cirrhitidae (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 freshwater fishes (with R.F. Myers); (6) reef fish conservation biology, especially fishes taken in the Live Reef Fish Trade; (7) comparative studies of freshwater fishes (with R.F. Myers); (8) phylogenetic and host-parasite studies of remoras, Echeneidae; (9) revision of all inclusive of the genus Zenarchopterus; (10) sexual dimorphism in the southeast Asian freshwater needlefish, Xenentodon (with M. Kottelat); (11) faunal study of the West Wind Drift islands and special monograph: (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.

ESCHMEYER, WILLIAM N. Dept. of Ichthyology, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118 U.S.A. Tel (415) 742-7049; e-mail wescheme@calacademy.org; Fax (415) 742-7145.

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

ESPINOSA, P. HECTOR. Curator of Fishes, Dept. Zoologia, Instituto de Biologia, Universidad Nacional Autonoma de Mexico. 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-IFS 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 (Oncorhyncheus). (Students L. Huidobro, revision of Poeciliopsis genus (Poeciliidae) and X. Valencia, revision of the Mexican Cichlididae).

FANG, FANG. Research scientist, Department of Vertebrate Zoology, Swedish Museum of Natural History, POB 50007, SE10405 Stockholm, SWEDEN. Tel x46-8-51954123; FAX x46-8-61594212; E-Mail FANG@nmr.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, Blicha, 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 Gurna (Ow Sven
Kullander) is soon completed. Besides all the above mentioned, my long term project is a phylogenetic analysis on all dianionin and rasorbie species.

FERNHOLM, BO. Professor of Vertebrate Zoology, Swedish Museum of Natural History, P.O.B 50007, SE-104 05 Stockholm, SWEDEN. Tel +46 8 51954110; EMail bo.fernholm@nrmi.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). This means less for fish systems, but my interests in hagfish global taxonomy and systemsatics remain.

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

Current work: Taxonomy and phylogeny of the Cetopids (with R. Vari and M. de Pinna); revision of Auchenipterichthys (Auchenipteridae) with (R. Vari); description of a new species of Tetratromatichthys (with R. Vari); description of new Pseudolaguvia (Eelhidiids) from Madagascar (with M. de Pinna); description of a new Entomocorus (Auchenipteridae) with (A. Akama); revision of Eustrophus and Odiobolans (Poecilidae) with (E. Murdy); description of a new Cupisomus (Chilidae) from Madagascar; revision of Hemirhamphus (Heptapteridae) (with F. Bockmann). A comprehensive Checklist of Catfishes is nearly complete.

FERRERIA, KATIANE M. Graduate Student, Laboratorio de Ictiologia, Depto de Biologia, FFCLRP, Universidade de Sao Paulo, Av. Bandeirantes, 3900, CEP 14040-901, Ribeirao Preto, SP, BRAZIL. Tel. (016) 602-3710, Fax (016) 602-3666; E-mail kadfigueiredo@superig.com.br; kadfigueiredo@ig.com.br

Current work: (1) finished my Doctoral thesis on phylogeny of Poeciliidae (Cyprinodontiformes, Poeciliidae) with emphasis on Poecilia, Limia and Panporthichthys, now I’ll be preparing the manuscript for publication; (2) starting an integrated revision of genera Micropoecilia, Lebistes and Panporthichthys; (3) description of several new Panporthichthys species; (4) conclude the revision of the Characidae (Characiformes, Crennichthyidae) of Paraguay (w/ Dr.P. Buckup); (5) description of a new species of Xyliphis (Siluriformes, Aspredinidae) (w/ M.R.Brito); (6) description of a new hypoptomatine cascadinho from upper Paraná River (w/F.Bockmann & S.Schafer).

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: Anthony.Gill@asu.edu.

Current work: (1) Descriptions of new catfish species (Amphilidae, 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 rfoese@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); (2) collaborate with curators to provide coherent online access to fish collection databases (currently 31 collections with 1.5 million lots see www.fishbase.org/Search/SCollections); (3) continue to serve on the OBIS International Committee to combine marine species data with physical oceanography data; (4) as my Fellow Project and with many partners, create an electronic atlas for all marine organisms; (5) do research on life history strategies of fishes.

FUMIANI, LEE A. Professor, Department of Marine Science, University of Texas Marine Science Institute, 575 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/fumian.in

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 (Sincaenidae) (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) (Sincaenidae); (6) role of water viscosity in hydrodynamics of larval and juvenile fish (w/ B. Sarkisian); (7) characterizing intervals of development in Gulf of Mexico benthic fishes (w/ A. Bianchi); (8) foraging behavior and physiology of Weddell seals under the Antarctic fast ice and Stellaer 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 garavello@power.ufscar.br

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

GHAZZI, MIRIAM S. Research Associate, Setor de Ictiologia, Departamento de Vertebrados, Museu Nacional, UFRJ. Quinta da Boa Vista s/n, Rio de Janeiro, RJ. Cep:20940-040, BRASIL. Tel. (21)25681319 r. 249; E-mail: ghazzi@ibest.com.br or msghazzi@yahoo.com.br

Current work: Please note that I had changed my e-mail address and my academic address to: Museu Nacional, katharinef@msn.com.

Current work: (1) 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. (MNRI); (3) long term study: revision and phylogenetic relationships of Harttia (Siluriformes, Loricariidae) (w/ Oyakawa, O.T.); (4) description of the genus Sturisomatichthys (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.

GIBRAN, FERNANDO Z. Doctoral student, Laboratório de Ictiologia de Ribeirão Preto (LRIP), Depto. de Biologia, FFCLRP-USP, Av. Bandeirantes, 3900, 14040-901, Ribeirão Preto, SP, BRAZIL. Tel +55 (0XX16) 602-3710; E-mail: fergibran@hotmail.com

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 groupers Mysteroperca acutirostris (submitted to Copeia); (3) studies on the biology and mating behavior of the hairy benny Labrus morum (Laboridae) from western north Atlantic (in preparation); (4) working on a manuscript with new species of Hypoplectrus, Hisonotus and Leporinus; (5) my work is still ongoing on a manuscript result from my M.Sc. thesis with activity, feeding behavior, diet and comparative morphology associated with feeding of Diplotrema formosum, D. radiale, Epinephelus marginatus and M. australis (Serranidae). Homepage: www.fergibran.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 acanthomorphic relationships and anatomy (particularly gobioids, pseudochromids, centrogennids and percopsiforms) and on the systematics and biogeography of various Indo-Pacific taxa (particularly pseudochromids, xenitshuids, gobids, Notograptus, Balistatus, CANthidermis, Scaphophagus, Retropinnus and Latex) 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. McGruther 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 pseudoplesioiine pseudochromids from Socorro; (2) description of two new species (w/ U. Zajonc); (2) molecular phylogeny of the Chaetodontidae (w/ S. McDonald, D.T.J. Littlewood and T.H. Cribb); (3) description of a new Acanthochromis (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.
Current work: (1) the ichthyofauna of the eastern Mediterranean, with emphasis on Red Sea colonizers species (Lessepsian migrants); (2) exotic fishes in the Mediterranean; (3) taxonomy of Holocentridae and Mullidae; (4) sandy shore and zonation of the 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.

Current work: (1) work on the Apongidae of the western Indian Ocean continues; (2) revisions of the aponogid genus *Sphinius* (w/G.R. Allen) and the *Aponog cacceous* species group (w/D.W. Greenfield) continue; (3) review of western Indian Ocean chupiform fishes (w/M.E. Anderson) continues.

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Current work: (1) Imaging of primary types continues (with C. Kenaley) (4) description of two new Eleotridae (w/ M. Manjaji and P. Last); (4) research of the endangered thresher sharks *Alisonus heerculi* (w/T. Taniuchi and Sho Tanaka); (5) taxonomic revision of *Paraluteres* (w/ C. Bolanger); (6) material from Peru, Colombia, Paraguay, Gabon. Specialized in oviparous Cyprinodontiformes (Apocheilidae, Rivulidae, Fundulidae, Profundulidae, Aplocheilichthyinae, Cyprinodontidae).

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

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. Pavaneeli); (3) description of a new Parodon from Sapucai 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 Paraiba do Sul river basin and coastal 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 *Astrynax* from Upper Iguacu river (Characiformes) (w/ V. Abilhoa); (7) taxonomic studies of fishes from Upper and Middle Iguacu river, and its relationship with coastal drainages from Parana and Santa Catarina States (w/ L.F. Duboc and V. Abilhoa); (8) an identification key to the fishes from Upper Iguacu 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).

Current work: (1) the ichthyofauna of the eastern Mediterranean, with emphasis on Red Sea colonizers species (Lessepsian migrants); (2) exotic fishes in the Mediterranean; (3) taxonomy of Holocentridae and Mullidae; (4) sandy shore and zonation of the 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.

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) *Photostomias* and *Chiasmodon* (4) issues of ICZN for oviparous Cyprinodontidae; (5) family Profundulidae for Bill Eschmeyer's Annotated List; (6) material from Peru, Columbia, Paraguay, Gabon. Specialized in oviparous Cyprinodontiformes (Apocheilidae, Rivulidae, Fundulidae, Profundulidae, Aplocheilichthyinae, Cyprinodontidae).

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 guild 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, *Atherinops californiensis* and *Leuresthes tenasi*, 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.

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

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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. I participated in the Pacific Shark Research Center, Moss Landing to see Greg Cailliet, David Ebert, and other skates/colonies. Presently I am studying art of shark skin with Kanakao Morinaka and studying landed egg-capsules of skates with a beachcomber, Isamu Hanno.

IWAMOTO, TOMIO Curator, Dept. of Ichthyology, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118 USA Tel: 415-750-7000 Ext: 4217, Fax: 415-750-7020, email: iwamotot@calacademy.org

Current work: A month’s visit to five Australia universities 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 ofCSIRO. 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 clade 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 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 Caelorinichus from Walters Shoals completed and undergoing review.

JAAAFAR, ZEEHAN. Graduate student, Department of Biological Sciences, National University of Singapore, 14 Science Drive 4, SINGAPORE 117543 Tel: +65 68746867; Fax: +65 67792486; Email: scipll157@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:jawadla@tepapa.govt.nz

Current work: I am still engaged in the Ph.D. research program working on the morphological and phylogenetic aspects of the triplefin fishes. One paper already accepted for publication in J. Roy Sac. NZ on erection of a new triplefin genus, Matanai. 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, Grauhamina capito, G. gymnota and G. nigripinne 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, Adamabakkam, Chennai 600 088, INDIA, Tel (044) 2245 2843. E-mail:jayaramkc@hotmail.com, bagirdjayaram@yahoo.co.in

Current work: (1) Investigations carried out on the Deccan Mahseer fishes under the 14th Plan Project, 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 perceptions”. It is ready for publication. Of the three species Tor khudree (Sykes), Tor mussullah (Sykes) and Tor nelli (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. (2) Investigating the specific status and synonymy of Tor mussullah, (3) as synomymous 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 (Serrasalmidae) 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).

KAFFER, CINTIA. Graduate Student, PUCRS - Laboratório de Ictiologia, Museu de Ciências e Tecnologia – PUCRS, Av. Ipiranga 6681, P. O. Box 696, 90900-900 Porto Alegre, RS, BRASIL. Tel: +55 51 3320-3500, Ramal 4413; Fax +55 51 3203900 e-mail: cinkiaka@terra.com.br

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

KIMURA, SEISHI Associate Professor, Fisheries Research Laboratory, Mie University, P.O. Box 11, Waga, Shima, Mie 517-0703 JAPAN; Tel +81-599-85-4601; Fax +81-599-85-5492; E-mail: kimu@s.bio.mie-u.ac.jp

Current work: (1) revision of Indo-Pacific leioagnathid fishes (family Leioagnathidae) (w/Y. lwatsuki, T. Yoshino & P. V. Dunlap); (2) revision of Indo-Pacific marine atherinid fishes (family Atherinidae) (w/ Y. lwatsuki & T. Yoshino); (3) revision of the genus Gerres (family Gerreidae) (w/ Y. lwatsuki); (4) studies on the ichthyofauna of the SE Asian waters (w/ K. Matuura); (5) revision of the genus Zoachias (family Sichiahsidae); (6) study of the ichthyofauna of Kumano-nada, Pacific coast of central Japan (including the mesopelagic fishes); (7) study of larval fish fauna of Agyo 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 +49-69-7542233; 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 (1) New species of cichlids and aquarium fishes. CLOFFSCA appears 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 Rician 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, Sao Paulo, SP 04299-970, BRAZIL. Tel: +55 (11) 6165-8119; E-mail: milandim@usp.br.

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

LASSO A., CARLOS A. Curator of Fishes and Manager Research Scientist, Museo de Ciencias Naturales, Apdo. 1100-10 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 Cauru River basin (Orinoco drainage) (with C. Vispo, D. Taphorn, A. Machado-Allison and O. Lasso-Alcala); (2) study of the ichthyofauna of Upper Caroni River basin and the Canaima National Park (Orinoco drainage) (with O. Lasso-Alcala); (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 Rio 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 Galeochromis (Characidae) from Venezuela (Orinoco Drainage) (with D. Taphorn); (7) descriptions of new species of Trichomycterus (Trichomycteriidae) from Upper Caroni River Basin (Orinoco Drainage) (with F. Provenzano); (8) descriptions of a new species of Cyphochromis (Culimidae) from Upper Caroni River Basin (Orinoco Drainage) (with O. Lasso-Alcalá and R. Vari); (9) description of a new species of Apareiodon (Pareobrontidae) 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) Redescription of Marine Ichthyofauna of Venezuela: Taxonomic 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, L. J. Zitterbart, D. Higgs, O. Lasso-Alcalá and others); (18) checklist of a new species of genus Awaos (Goebelidae) 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, Avenida 10A. EDIMAR, 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 Cyphochromis (Culimidae) from Upper Caroni River basin (Orinoco drainage) (with C. Lasso and R. Vari); (6) description of a new species of Apareiodon (Pareobrontidae) from Upper Caroni River basin (Orinoco drainage) (with C. Lasso, A. Machado-Allison and other colleagues); (7) Study of fish communities in freshwater lakes of Venezuela (with O. Lasso-Alcalá and A. Machado-Allison); (8) Ichthyofauna of fresh waters of Venezuela (with C. Lasso, J. P. Rodríguez and other colleagues); (9) Study of the Marine Ichthyofauna of Venezuela: Taxonomic 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); (10) new records of marine fishes from Venezuela (with C. Lasso, J.C. Capelo and E. Klein); (11) expedition AquaRAP 2002 (Conservation International) from Gulf of Paria and Orinoco Delta, Venezuela (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 Turiamento Bay, western central coast, Venezuela (with E. Klein, M. Kurten and E. Villamizar); (14) checklist and distribution of native 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, A. Machado-Allison and other colleagues); (17) expedition AquaRAP 2003 (Conservation International) from Gulf of Paria and Orinoco Delta, Venezuela (with C. Lasso, F. Pezold and M. Smith); (11) 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) 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 (Goebelidae) from Venezuela (with O. Lasso-Alcalá and other colleagues).
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 Ctenocephalontini, including the taxonomic revision of the genera *Ctenostoma*, *Phallacanthus, Phallorina* and *Phallo cephalus* (Cyprinodontiformes: Poeciliidae) as part of my Ph.D. thesis under advise of Dr. Roberto E. Reis (submitted); (3) more recent studies on Poeciliinae; (4) description of a new species of the genus *Ctenostoma* (Cyprinodontiformes: Poeciliidae) from the rio Uruguay 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. Figueudo & H.A. Britski); (6) description of a new species of the genus *Moerthiasia* (Characiformes, Characidae) w/ Luiz Malabarba (submitted); (7) geographical variation on *Rhomboconus geryi* populations (w/ Carlos Lucena) (submitted); (8) taxonomic revision of the genus *Bryconidae* (Characiformes, Characidae) in the rio Tocantins drainage (w/ Charles L.O. Guedes); (9) description of a new species of the genus *Panake* (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 *Tytto brycon* (Characiformes, Characidae) from the rio Tocantins drainage (w/ Marcelo R. Carvalho); (12) taxonomic revision of *Loricarchichthys* (Siluriformes: Loricariidae) in the rio Tocantins drainage (w/ Edson H. L. Pereira).

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Current work: (1) Master’s Dissertation – Taxonomic revision of the *Hoplias macrocephalus* species group (Ostariophysi: Characiformes) and description of the osteology and cranial musculature of *Hoplias macr ocephalus*, advisor: Mônica Toledo-Piza, expected completion date: late 2004 (a) Continued revision of the *Hoplias* and *Erysthynidae* genera (Characiformes: Erysthynidae), with Mônica Toledo-Piza and Osvaldo Oyakawa.

MCOSKER, 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 (>2000m) *Opisthichus* 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 scarpaenids 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 the osteology of the *Hoplias* and *Erysthynidae* genera; (7) general review of the Galápagos ichthyofauna with Dick Randall; (8) monograph of ophichthid eels of Australia; (9) expect to complete, with Dave Smith, the eel chapter for the Western Indian Ocean volume; (10) involved with Moore (polar or other) would do well to examine this source, as well as Reno’s Desert Research Institute and U. Nevada Library - Special Services; (11) arranging accounts of this student project; (12) organizing a survey of the cottid (Suborder Cottoidei, Order Scoperaeiformes) in the U.S. fish markets; (13) taxonomic revision of the *Potamotrygon* species (Miliobatiformes: Potamotrygonidae) of the rio Tocantins drainage (w/ Marcelo R. Carvalho); (13) taxonomic revision of *Loricarchichthys* (Siluriformes: Loricariidae) in the rio Tocantins drainage (w/ Edson H. L. Pereira).

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Current work: Have spent much of the past year dealing further with galaxiid 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 pstephens@alaska.com

Worked with C.A. Talmage and Michael T. Tallevi (USNM), and from specimens collected recently around Alaska and in the 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 Cyprinodontidae and *Thayeria* (w/ A. M. Lovel, 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).

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 blurs for your librarian - or see Amazon.com); (2) attempting revision of subfamily Pleurogramminimini of Antarctic waters; (3) organizing a survey of the cottid (Suborder Cottoidei, Order Scoperaeiformes) in the U.S. fish markets; (4) organizing case for control and enforcement of market ban on ‘Chilean sea bass’ and ‘toothfish’ (Perciformes, Nototheniidae, *Disostichus* 3 species) look-alikes, emphasizing taxonomic ID-s; (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 Aquarian Research Institute (MAR) Library - www.marinerequest.com; 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, Museo Oceanografico do Vale do Iaijau, Universidade do Vale do Iaijau, CP 360, 88302-202, Itajai, SC, BRAZIL. Tel (55) 261-1287. E-mail: mincarone@bc.univali.br

Current work: (1) Continued research on systematics of hagfishes (*Myxineidae*); (2) continued work on the phylogeny of the family *Myxineidae* (PhD Thesis w/ Roberto E. Reis, Museu de Ciências e Tecnologia do Hominídeo, Universidade de São Paulo); (3) organizing a survey of the cottid (Suborder Cottoidei, Order Scorpaeniformes) in the U.S. fish markets; (4) cataloguing of marine fishes from Brazil, family *Myripristidae* (w/ Naércio A. Menezes and editors); (5) taxonomy of some species of *Scorpaeniformes* 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 *Dinematichthys* (Bythidae) (w/ W. Schwarzhans & J.G. Nielsen); (2) molecular phylogeny of *Liparidae* (w/ S. Kravens & P. Gravalid); (3) Check-list of the fishes of Greenland (J.G. Nielsen).

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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) revision of *Iguanodectes rachovi* is already ready, and will be submitted soon; (4) revision of *Thayeria* (w/ F. Lima) should be ready in 2004; (5) a new *Caiaupobryon* (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 Hypophthalmichthys from rio Trombetas (w/ F. Lima).

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Current work: (1) Geographic distribution evaluation of species from the genus Microganus (Siluriformes: Pseudopimelodiidae); (2) taxonomic review of the genus Microganus (Pseudopimelodiidae) of the brazilian’s coastal drainages.

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Current work: (1) Revision of the genus Neosebastes (Neosebastesidae); (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.

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Current work: (1) Continued research on systematic of flatfishes, especially Cottidae 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 sympharines flatfishes (Cynoglossidae) from waters around New Caledonia; (6) preparation of a table of 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.

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

MYERS, ROBERT F. Coral Graphics, 1554 E. Harmony Lakes Circle, Davie, FL 33324-7104 U.S.A. Tel. 954 577-7919 Email: robmyers142@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 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 Marinas 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, Kiseleff 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. Ertkakan, Ankara) is in progress. I am working (w. Brian Coad, Ottawa) on a collection of Iranian loaches (Nemacheilidae and Cobitidae).

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Current work: (1) Systematics of the Psychrolutidae and description of new species with K. Shibukawa; (2) description of a new species of Trichonotidae (with M.K. Das and J.E. Randall); (3) analysis of data on pelvics Hilarus inconstans (Gasterosteidae); (4) Chair AFS/ASIH committee for revision of AFPS 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 reprnts and/or references to your systematic studies relevant to future revisions of this book (revisions for 4th edition started last year and expected to be completed late 2004). I am now Professor Emeritus but maintain a university office and research grant.

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Current work: (1) Molecular and morphological analyses of cottoids, including a revision of Cottus and Cottidae; (2) analysis 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) 662-2192; Fax (734) 763-4080; E-Mail ngheokh@umich.edu

Current work: Phylogenetic studies of the Sisoridae and Eristidae (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 Aksyidae, Amblycipitidae, Amphiliidae, Bagridae, Claridae, Eristidae, Mochokidae, Siluridae, and Sisoridae is still being carried out. See last year’s newsletter for details.

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

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) 260-6084; Fax (310) 206-3987; E-Mail jolson@ucla.edu.


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 Allocoracopsis including new species from the Aleutians (w/ M.S. Busby); (3) several new species of Careproctus (separate projects w/ K.E. Pearson, D.L. Pitruck, and D. L. Stein); (4) fishes of Puget Sound (w/ T.E. Pietsch); (5) systematics of Sebastes actuens (Sebastidae) (w/ S. Hawkins); (6) several species of Bathylaja (Rajidae) from Alaska (w/ D.E. Stevens, G.B. Hoff, and J.D. McEachran).

OTT, GERARD H.F.W. Fischbestimmungs-Service, Ökologische Süßwasseraquarienfisch- & 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, Holzkruggweg 16 E, D-24941 Flensburg, GERMANY. Tel. +49 0)


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

PARENTI, LYNN 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.lyNN@NMNH.Si.edu

Current research: Projects continue on the systematics and biogeography of freshwater, coastal and marine fishes from the Indo-Australian Archipelago, particularly those of Borneo and Sulawesi, and developments of the used 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@unimi.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 (nominia oblitae) proposed by Walbaum and other early authors have been found to predate well established taxa (nomen 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. Department 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; beatriceparisi2003@yahoo.fr

Current work: (1) Continuing research on the Calophyus-Pimelodus group taxonomy, with special emphasis on Pimelodids 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 Calophysidae group; (4) several educational appointments at the Grande Galerie de l’Évolution (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, Ichtiologia e Aquacultura, and professor, Curso de Pós-Graduação em Limnologia, Ichtiologia e Aquacultura, Universidade Estadual de Maringá, 87020-900 Maringá, Paraná, BRAZIL. Tel. +55-44-261-4632; Fax +55-44-263-1424; E-Mail carlapas@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 habitat characterization of Rio Corumbá species (w/HA Britski, GS Avelino, AP Vieira, 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 Astrap旭ian from the Rio Mouroá, 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 johnr@ausmuss.gov.au

Current work: (1) Zoological catalogue of Australia, Fishes, Part 2 (with G.R. Allen, & D. Bray; submitted); (2) a new species of the deepsea whalefish genus Cetomimus (Cetomimididae), with a key to the described species (w/ T. Trnski); (3) family account of the diceratiid fishes for the FAO Eastern Central Atlantic Identification Guide 2 (w/ T. Trnski); (4) revision of the whalefish genera Gyrinomimus and Cetomimus (Cetomimididae); (5) new species of Neoscorpula (Neoscorpidae) (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. Tel (202) 721-4356; E-Mail: 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/attis/documents/2003catchchanges_v3.pdf); (4) member and status report writer for COSEWIC (Committee Status Endangered Wildlife in Canada). During 2002-2003, prepared Updated Status Reports, Acantholampetus mackayi (Stichaeidae), Enos Lake Stickelves (Gasterosteus, Gasterostelidae), Rhinichthys oculatus (Cynipridae), Salish Sucker (Catostomus sp., Catostomidae) with distribution, systematics, life history (copyright with Canadian government, contact COSEWIC (cosewic@cosewicac.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. Kiiian”, Universidad Austral de Chile, Casilla 567, Valdivia, Chile, Tel (56) 63-221409; Fax (56) 63-221315; e-mail 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

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

Now that biotic survey and inventory work in the Russian Far East is winding up 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 author by Andy Shedlock) is in press, as are several other anglerfish papers, including a revision of the siluriform family Bapiridae (with Taiwanese colleagues H. Hsuan-ching and C. Hong-ming). Ichthyological work is still on-going: “Isaac Johannes Lamotius and his Paintings of Indo-Pacific Fishes and Other Marine Animals” is in press (w/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 online (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 fringe 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.edu

My book Reef and Shore Fishes of the South Pacific is in production. It includes nearly 400 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 Reef and Shore Fishes Project 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 Goni 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 IFFP 36, a revision of the mullid genus Parapeneus. 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. Irigüera 6681, P.O.Box 1429, 90691-900 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 Deltorus and Hemisphilichthys and proposition of the new subfamily Delturinae is finished and submitted (Loricariidae, Siluriformes) (w/ Thiago Borges); (2) the new Callictichthys from upper Negro/Orińoco is also finished and submitted (Callictichthyidae, Siluriformes) (w/ Pablo Lehmann); (3) the revision of the hypoptopomatine genus Euryheeleichthys, 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 Hypoptopomatidae from central Brazil (w/ Paulo Buckup & Marcelo Brito); (5) description of various new species of Gymnogeophagus (Cichlidae, Perciformes) (w/ Luiz Malabarba); (6) revision and reassessment of the phylogenetic relationships of Gymnogobius species-group (w/ Enrico Kaesberg); (7) revision of the auchenipterid genus Entomocoris (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. Irigüera 6681, Cep:90691-6090. 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 Pelmodus Lacépède, 1803 (Siluriformes, Siluridae) of the middle Amazonas River, Santarém region. (as MSc. dissertation under advisement of Dr. Carlos Lucena).

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_ecoraya@inidep.edu.ar, Tel. +54 -223 - 486 2586 ext. 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 sandskipate Psammobatis 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” (w/ Dr. Fabricio Ladeira and Dr. Javier R. Roubal). 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, pio 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: fasninti@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 acaenthor morph relationships. My current morphological work includes an investigation of the relationships among fossil and extant Zeiformes, fossil and extant Caproidae and fossil and extant Zeiformes 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 Triacanthohidae 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 79th St., New York, NY 10024-5192, U.S.A. Tel. 212-769-5652; Fax 212-769-5642; schaefer@amnh.org

Current work: (1) Revision of the West African torpedinids (with chair of “ElasmoFrance”, the shark group of the French Ichthyological Society NORMAN cruise in the South Pacific (C. Roberts & P. Last, cruise leaders); (5) study of geographic variation of the species Zungaro zungaro, Hemisarcothem platyrhynchos and Pinirampus pirinampu (Pimelodidae) (with Hugo Sum de Souza Filho); (6) taxonomy of the genus Bathyichthys (Bathywelcomidae) from alto Paraná basin (with Ricardo C. Benine); (4) taxonomic revision of the genus Microglanis (Pseudopimelodidae) from brazilian coastal drainages (with Horácio Mori); (5) study of geographic variation of the species Zungaro zungaro, Hemisarcothem platyrhynchos and Pinirampus pirinampu (Pimelodidae) (with Hugo Sum de Souza Filho); (7) evaluation of diagnostics characters of Hypostomus species (Loricariidae) from River Paranapanema basin (with Fernando Camargo Jerep and Ana Cecilia Hoffmann); (8) studies on the reproduction of Loricariichthys platymetopon (Loricariidae) (with Karen M.I. Marcucci and Mário Luís Orsi).

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

Current work: (1) Morphological variation among Cichlasoma (Cichlidae); variability of dark bar pattern of Pterygoplichthys scollae (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 Ptergoplichthys volnera and P. petenensis (Pteroplichthidae) (w/S. Hankison and M. Prince).

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 chondrichthians 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 (Siassa & Teugels, eds); (3) check list of the chondrichthian 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 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) conservation of the elasmobranch fishes for the EU; (10) finding time to do all of these.

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 Pteroparson, with G. D. Johnson; (4) description of two new genera and species of Congride; (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 Visiting, Setor de Ictiologia, Dept. Vertebrados, Museu Nacional/ UFRJ. Quinta da Boa Vista, s/n. São Cristóvão, Rio de Janeiro, RJ, BRASIL. 04490. Tel (55(21) 2594-8262 r. 249. E-Mail lauisa@nossacasa.net

Current work: (1) Systematic revision of Centromochlinae (Siluriformes, Auchenipteridae) da Amazônia (w/R. Roeyer); (2) new Centromochlus (Siluriformes, Auchenipteridae) from Amazon (w/R. Roeyer); (3) systematic revision of Gliedius with a new species from São Francisco river drainage (Siluriformes, Auchenipteridae) (w/P.A. Buckup); (4) new Tatuia from Amazon (Siluriformes, Auchenipteridae) (w/J. Zuanon & M.F. Catarino); (5) two new Gelandoglanis (Siluriformes, Auchenipteridae) (w/F. Malabarba); (6) four new Gelandoglanis (Siluriformes, Auchenipteridae) from Amazon (w/P. Petry, M. Sabaj & M. Thomé); (7) fishes from the Guaiapius 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. Pseudopimelodidae); (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 Zooloigia, Universidade de São Paulo, Av. Nazaré, 481, Ipiranga, São Paulo, SP, BRAZIL. Zip Code: 04263-000. Tel 55(11) 6165-8145; E-Mail rosalain@yahoocom.br

Current work: (1) Revision of the genus Aphocharax (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.
Current work: Study of gill-arch musculature continues; review of Symphysanodon, Symphysanodontiidae (with W.D. Anderson, Jr., P.L.) continues. Studies of benthic goby Ecsenius 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.

STEHMAN, MATTHIAS F.W. ICHTHYS, ichthyological Research Laboratory and Consultancy, Dr. Matthias STEHMAN, Hildesheimer Weg 13, D-22443 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 Bathyrhaja skate fauna of the south-western Atlantic has been granted in March/April and kept my German partner ZBT 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 10th Congress on History of Oceanology. Have travelled to Mar del Plata in late June until early August to get the project started with both Argentineen partners and for preparation of the methodological project manual. Will guide during the project period jointly with M.D. Ehrlich (INDEP, Argentina) in the presentation work and will be a 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 7012, National Museum of Natural History, Washington, DC 20030-7012, U.S.A. Tel (202) 235-2550; Fax (202) 235-2968; 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 western Atlantic; (3) Neogobius, Proterorhinus, and C. Moreira and D. Almeida); (5) Survey of the head myology of the order Characiformes (w/ N.A. Menezes dos Santos); (5) Revision of the subfamily Characinae (Ostariophysi: Characiformes) (w/ N.A. Menezes dos Santos); (5) 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 form 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@ulfm.edu

Studies involving fossil otoliths continue to be the central focus of my research activities. Research highlights include: (1) a study of recent Bering Sea and Aleutian Islands skate fauna of the south-western Atlantic has been granted in March/April and still photographs; (5) community structure of fishes of Heceta Bank, Oregon. In 2004, I will be participating in the NSF-sponsord “ICEFISH” expedition to the Gulf of Alaska. I also participated in the 2004 study of otoliths 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) 254-4384; Fax (607) 254-4308; 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 Zoología, Instituto de Biociencias, Universidad de São Paulo, Caixa Postal 11461, São Paulo, SP 05422-970, BRASIL Tel: 55 11 3091-7482; FAX: 55 11 3091-7802. Email: mtzpiza@usp.br

Current work: (1) Continuing studies on the phylogeny of the Acostorhynchidae (Ostariophysi, Characiformes); (2) phylogenetic study of the Bothroygidae (Ostariophysi, Characiformes); (3) revision of Anostomidae (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: 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”
Relative suborders (Blennioidei s.l.) (2) early life history of the notothenioid relationships, systematics and evolution of the notothenioid fishes and their

Previously I was an adjunct instructor. Research efforts in fishes are

Anchorage, AK. 99508, U.S.A.. Tel. 907 -786-4770. 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 superfamly Cetoniidae (w/C.J. Ferraris, Jr. and M.C. C. de Pinna), a phylogenetic analysis of the Trans-Atlantic characiform clade Aletidae (w/A.M. Zanata), the redescriptions 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 Nannochromis (Distichodontidae) (w/C.J. Ferraris, Jr.); (3) the description of a new species of Trichomycterus (Tryichomycteridae) from northeastern 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 (7) 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.

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 latter 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

Current work: description of a new species of Helcogonnum, with comments on H. elliottii (Tripterygiidae) (with Wouter Holleman); description of a new species of Pseudochromis (Pseudochromidae) from the Philippines (with Tony Gill); revisionary studies on the Indo-Pacific bennellii genera Alticus and Andania (Bennellidae); revision of the Helcogonnum fasscopina species complex (Tripterygiidae) (with Jeff Howe) is in press in Aqua; families Bennellidae, Isopomidae, Chaenopsidae, Tripterygiidae and Dactylopteiridae for the FAO Species Identification sheets for the Western Central Atlantic are in press; checklist of the fishes of Tonga (with M. Kulpicki, J. E. Randall, and D. G. Smith) is in press in the Atoll Research Bulletin; analysis of Steeneichthys (Plesiophidae) with R. D. Mool; preparation of a chapter covering the Bennellidae is being prepared (with Victor Springer) for a book on the Fishes of the Western Indian Ocean; descriptions of five new species of Tomichodon (Bennellidae) from the Caribbean Sea, with J. M. Thomas.


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.

Current work: (1) Taxonomic, anatomical and phylogenetic studies of selected genera of gobies (especially Trimma and Trisnematum); (2) biogeography of the Indo-west Pacific from a phylogenetic perspective; (3) osteology and phylogeny of the goboid Portugibbus – 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. McLenan); (5) raising funding for a major trip to the Republic of Palau in May, 2004.

Current work: (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 latter 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

Current work: description of a new species of Helcogonnum, with comments on H. elliottii (Tripterygiidae) (with Wouter Holleman); description of a new species of Pseudochromis (Pseudochromidae) from the Philippines (with Tony Gill); revisionary studies on the Indo-Pacific bennellii genera Alticus and Andania (Bennellidae); revision of the Helcogonnum fasscopina species complex (Tripterygiidae) (with Jeff Howe) is in press in Aqua; families Bennellidae, Isopomidae, Chaenopsidae, Tripterygiidae and Dactylopteiridae for the FAO Species Identification sheets for the Western Central Atlantic are in press; checklist of the fishes of Tonga (with M. Kulpicki, J. E. Randall, and D. G. Smith) is in press in the Atoll Research Bulletin; analysis of Steeneichthys (Plesiophidae) with R. D. Mool; preparation of a chapter covering the Bennellidae is being prepared (with Victor Springer) for a book on the Fishes of the Western Indian Ocean; descriptions of five new species of Tomichodon (Bennellidae) from the Caribbean Sea, with J. M. Thomas.


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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 (Sinocy clocheilus, Cyprinidae). Long-range studies include the study of the ichthyofauna of Chinese eels.

ZHOU, WEL. Professor, Faculty of Conservation Biology, Southwest Forestry College, Kunming, Yunnan 650224, P. R. CHINA. Tel. 86-871-3862669 (H), 86-871-3862458 (O); E-mail weizhou@public.km.yn.cn

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

ZUPANCIC PRIMOZ. AZV AGENCY Dolsko 14, 1262 Slovenia, 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.

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**Literature**


AHNLEIT, H. & J. GÖSCHL. 2003. Morphological differences between the eastern Pacific gobid fishes Quietula guaymasiae and Quietula y-cauda (Teleostei: Gobiidae) with emphasis on the topography of the lateral line system, Cybium 27.


AKAMA, A. & C.J. FERRARIS, Jr. In press. Entomocor us m.... a new species of auchenipterid catfish (Osteichthyes: Siluriformes) from the lower and middle reaches of the Amazon River. Neotropical ichthyology.


BANARESCU, P. 2002. Species and subspecies of fish and lampreys endemic or almost endemic to the drainage area of the Tisa River. Tisia Monogr. Ser., Szolnok, 6:176-172.


Coral-reef sounds enable nocturnal navigation by some reef-fish larvae in Pomacentridae, Chaetodontidae, Lutjanidae. [Pisces: Scorpaeniformes]. Zoological Studies


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; Jon 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/ or obtain the full code from the author sware@nrm.se. The current version 2.04 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/ ) 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 fish 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 gobiotics as well as deeper-dwelling species within certain families that include shorefishes (e.g. many eels, dragonets, scorpiformes). 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 convertable 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.

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-renown 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 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, (301) 384-1944. E-mail acpp@e rol s.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 ICHTIOLOGIA). This local organization is celebrating its 25th
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 Peñalo, Instituto de Zoología “Ernst F. Kühn”, 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.cumont.cornell.edu>. Please note our new mailing address, phone and fax numbers: Cornell University Museum of Vertebrates, 159 Sapucker Woods Road, Ithaca, NY 14850-1923 USA; Tel. 607-254-2161; Fax 607-254-2415; Email vertebrates@cornell.edu. - John Friel.

EARLY STAGES OF FISHES FROM THE WESTERN CENTRAL NORTH ATLANTIC can be accessed at 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 run until 30 june 2006. 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 target exploitation. Little is known about 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 usbinfo@elsevier.com or online at http://books.elsevier.com. All other countries: Tel +44 186 547 4110; E-mail eurobkinfo@elsevier.com or online at http://j.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) for an errata sheet.

GIBBS AWARD FOR EXCELLENCE IN SYSTEMATIC ICHTHYOLOGY. Nominations are solicited by the American Society of Ichthyologists and Herpetologists (ASH) 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 must 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. Bарт, Jr. (Tulane University Museum of Natural History, 1430 Palm Drive, New Orleans, LA, 70118; TEL: 1-504-865-2373; E-mail: hank@musetulane.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: donnelly@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 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 information designed for non-registered also, publish your work (it is only twice a year a newsletter, plus Killifishes 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 this issue. In order to be eligible for the 2004 award, you must be active in 2004. You are eligible for the 2004 award. Three copies of the materials for each nominee should be submitted by 1 March 2004 in order for the nominee to be

ILLUSTRATIONS FROM 'ONTONEMY & 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, in order to free up resources (and 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 Fonds, 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 southern Asia and Cuba, and participation in the presentation of the unique type 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 have already developed an interest, in the art nouveau and jugendstil of 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., 1550 photos of 1192 spp. $49.95; Postage/handling: U.S., Palaia, 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: robmayers1423@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 Aboriginals 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.


SYMPOSIUM in Honor of the Contributions to Systematic Ichthyology by Bruce B. Collette and Celebration of the 70th anniversary of his birth. Organizers: Lynne R. Parenti, National Museum of Natural History, Smithsonian Institution (mailto:parenti.lynn@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 70th 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 -- 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.

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; 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, jack (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 [Comprar 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 for more information.


REVISION OF THE PSEUDOCHROMINAE: This long-awaited tome on the Indo-Pacific dottybacks 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 or the editor: 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, or the editor: E.Anderson@ru.ac.za.
The following is a list of electronic mail addresses compiled by the collective resources of the CAS ichthyology department staff. Most of these were provided by the contributors to this newsletter and were listed as given, except that capital letters were converted to lower case.

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