

Newsletter
of
Systematic Ichthyology

NUMBER TWENTY-THREE



2001

DEPARTMENT OF ICHTHYOLOGY

California Academy of Sciences
Golden Gate Park
San Francisco, California 94118
U.S.A.

Sponsored in part by the American Society of Ichthyologists and Herpetologists
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This is the twenty-third issue of the annual Newsletter. Its purpose is to increase communication between persons engaged in systematic studies of fishes. It is informal and not a publication. Production of the Newsletter is by the entire staff of the Department of Ichthyology, and funded by donations from participants/non-participants, the California Academy of Sciences, the American Society of Ichthyologists and Herpetologists, and H & N Fish Company, San Francisco.

Announcements for participation are distributed in September. All who participated in the current year (or in the last three years) will receive an announcement for the issue of the following year.

Participants provide a synopsis of their current research activities and bibliography of recent publications and manuscripts in press. Announcements of general interest are welcome. Submissions should be sent to: Newsletter, Department of Ichthyology, California Academy of Sciences, Golden Gate Park, San Francisco, California 94118. Tel. 415-750-7047; Fax 415-750-7148; E-mail: mhoang@calacademy.org

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Cost: \$3 donation (cash or check to "California Academy of Sciences") for participants. Overseas participants are requested to send checks drawn in U.S. dollars; if that is inconvenient, we will subsidize your participation. Non-participants may purchase copies at \$4.00/ea. Our thanks to several persons who contributed extra amounts.

Special thanks to the American Society of Ichthyologists and Herpetologists and H & N Fish Company for their generous financial support.

SYNOPSIS OF RESEARCH ACTIVITIES

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

Current work: (1) PhD Thesis on the taxonomic study and phylogenetic relationships of the genera: *Brachyplatystoma*, *Goslinia*, *Platystomatichthys*, *Pseudoplatystoma* and *Sorubim* (Siluriformes, Pimelodinae), to be finished in 2003; (2) description and phylogenetic relationships of a new species of blind pimelodid catfish from a cave in the state of Bahia, northeastern Brazil (w/R.M.C. Castro); (3) study about the pimelodid genera *Zungariopsis* and *Zungaro* (w/O.A. Shibatta).

ÅHLANDER, ERIK. Collection Manager, Fishes, Dept. of Vertebrate Zoology, Swedish Museum of Natural History, P.O. Box 50007, SE-104 05 Stockholm, SWEDEN. Tel. 46-8 5195 4118; Fax -5195 4212; E-mail erik.ahlander@nrm.se

Current work: (1) Genus *Laetacara* (family Cichlidae); (2) Indian freshwater fishes in general; (3) history of the Swedish Museum of Natural History, MRM.

AHNELT, HARALD. Inst. of Zoology, University of Vienna, Althanstrasse 14, A-1090 Wien, AUSTRIA. e-mail: harald.ahnelt@univie.ac.at

Current work: Morphology of Gobioid fishes: lateral line system, osteology; (1) morphology of Ponto-Caspian gobies of the upper Danube river (w/M. Duchkowsch); (2) morphology of east Pacific gobies (w/V. Bohacek, J. & G. Scattolin).

AKAMA, ALBERTO. PhD student, Seção de Peixes, Museu de Zoologia da Universidade de São Paulo, São Paulo, SP, Caixa Postal 42594, CEP 04299-970, BRAZIL. Tel/Fax (0550xx11) 6165 8100 aakama@ib.usp.br

Current work: (1) Systematic revision of the genera *Parauchenipterus* and *Trachelyopterus*. (2) study of the ichthyofauna of Rio Ribeira de Iguape basin (w/O. Oyakawa) (3) studies on the subfamily Pimelodinae (w/ J.G. Lundberg, B. Parisi & M. Littmann).

ALFONSO, NOEL A. Research Assistant, Research Services Division, Canadian Museum of Nature, P.O. Box 3443, Station 'D', Ottawa, Ontario, CANADA. Tel (613) 364-4064; FAX (613) 364-4027; E-Mail nalfonso@mus-nature.ca

Current work: (1) Revision of the tropical and sub-tropical Indo-Pacific family Samaridae (Pleuronectiformes). This monophyletic group consists of three genera; *Plagiopsetta*, *Samariscus* and *Samaris*. A preliminary cladistic analysis at the generic level has been done. A full phylogeny will be constructed. Collaborator: François Chappleau, University of Ottawa; (2) taxonomic revisions and COSEWIC (Committee on the Status of Endangered Wildlife in Canada) reports on the pearl dace (*Margariscus margarita*) with Brian Coad, Canadian Museum of Nature; (3) Investigation of ecomorphotypes of lake charr (*Salvelinus namaycush*), focussing on Great Bear lake, NWT, Canada.

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

Current work: (1) Annotated checklist of the coral reef fishes of Indonesia; (2) taxonomic studies of Indo-Pacific Apogonidae; (3) taxonomic studies of Indo-Pacific Pomacentridae; (4) freshwater fishes of New Guinea and northern Australia, particularly melanotaeniids and gobioids; (5) taxonomic studies of coral reef fishes of Australia and SE Asia; (6) zoogeographic analysis of coral reef fishes to identify "hotspots" of biodiversity/ endemism for conservation priority setting. Field work for 2002 will include coral reef surveys of northeastern Madagascar and the Raja Ampat Islands, Irian Jaya.

ALMEIDA, A. J. Professor, Departamento de Zoologia e Antropologia, Seção de Biologia Marinha. Faculdade de Ciências de Lisboa, C-2 P-1749-016 LISBOA - PORTUGAL. Tel. (351) 2175700000; Fax. (351) 214869720; E-mail aalmeida@fc.ul.pt

Current work: (1) Systematics of Blenniidae; (2) ichthyofauna of seagrass beds in Atlantic and Indian Ocean; (3) ichthyofauna of deep-sea hydrothermal vents.

ANDERSON, M. ERIC. Senior Ichthyologist, J.L.B. Smith Institute of Ichthyology, Private Bag 1015, Grahamstown 6140, SOUTH AFRICA. Tel. +27-46-636-1002; Fax 046-622-2403; E-mail: e.anderson@ru.ac.za

Current work: (1) working up specimens from 2000 and 2001 deep-sea cruises (Cape to Angola) which includes probably an undescribed *Physiculus* (Moridae) and three *Eustomias* (Melanostomiidae) of the subgenera *Dinematochirus*, *Haploclonus* and one I'm unsure of at this point; (2) have expanded slightly the review of *Ambassis* with Phil Heemstra, work will continue into 2002; all this was presented in Durban at IPFC-6; (3) planning ahead for review of Clupeiformes of western Indian Ocean with Ofer Gon starting in 2003. *Bothrocara* review has been shelved again and will spend most of 2002 on food habits studies and fossil fish expeditions in the mountains of this beautiful country in my new Toyota Venture!

ANDERSON, R. CHARLES. Marine Biologist, Marine Research Centre, H. Whitewaves, Male', REPUBLIC OF MALDIVES. Tel & Fax (+960) 327024; E-mail anderson@dhivehinet.net.mv

Current work: (1) New records and species of fishes from the Maldives with several collaborators; (2) fisheries biology of tuna, reef fishes and sharks.

ANDERSON, WILLIAM D., JR. Grice Marine Biological Laboratory, 205 Fort Johnson, Charleston, South Carolina 29412-9110, U.S.A. Tel. 843-406-4028; Fax 843-406-4001; E-mail andersonwd@cofc.edu

Current work: Review of Atlantic and eastern Pacific anthiine serranids (w/P.C. Heemstra).

ARRATIA, GLORIA. Curator, Museum fuer Naturkunde, and Chairman, Institut fuer Palaeontologie, Museum fuer Naturkunde, Humboldt Universitaet, Invalidenstr. 43, D-10115 Berlin, GERMANY. Tel (xx49) 30-2093-8864; Fax (xx49) 30-2093-8868; E-Mail gloria.arratia@rz.hu-berlin.de

Current work: (1) Ontogenetic development of the lateral line system in catfishes; (2) review of crania, axial skeleton and fins, and skin in siluriforms; (3) handbook of Paleoiichthyology, vol. 9: Teleostei (w/M.V.H. Wilson); (4) searching for the [fossil and living] sister-group of Teleostei and stem-group teleosts.

AZPELICUETA, MARÍA DE LAS MERCEDES. CONICET researcher. División Zoología Vertebrados, Fac. de Ciencias Naturales y Museo de La Plata, Paseo del Bosque, 1900 La Plata, ARGENTINA. Fax (54) 221 425-7527 - Email: azpeli@museo.fcnym.unlp.edu.ar or azpeli@netverk.com.ar

Current work: (1) Faunal studies in the province of Misiones; (2) phylogenetic revision of the genera and species of the family Pimelodidae (w/J. Lundberg); (3) revision of fossil fishes from the Miocene (w/A. Cione & J. Casciotta); (4) description of some species of the genus *Cynolebias* from Uruguay (w/G. García & M. Loureiro); (5) biological studies of *Diplomystes* from Chubut River (w/A. Gosztonyi & L. Kuba)

BARREIROS, JOÃO PEDRO. Professor, Universidade dos Açores, Campus de Angra do Heroísmo, 9701-851 Angra do Heroísmo, PORTUGAL. Tel 351 295 442 223; Fax 351 295 332 605; E-Mail jpedro@angra.uac.pt

Current work: (1) study of the ichthyofauna of Santa Catarina, Southern Brazil; (2) behavioural ecology of several littoral Atlantic fishes; (3) serranid (Epinephelinae) ecology and behaviour in the warm temperate and tropical Atlantic.

BARRULL, JOAN. Lab. Vertebrats, Secció Ictiologia. Museu de Zoologia de Barcelona, Apartat de Correus 593, E-08080 Barcelona, Catalonia, SPAIN. Tel. 34-3-3196912; Fax 34-3-3104999; E-mail jbarrull@pie.xtec.es

Current work: (1) Computer compilation of catalog by the Zoological Museum Ichthyological Collection with Isabel Mate & Manel Bueno; (2) long-term study about captures and sales of the Catalanian Sea sharks with I.Mate; (3) compilation of *Hexanchus griseus* records in the Mediterranean Sea with Isabel Mate, Christian Capapé, Farid Hemida & Mohamed N. Bradaï; (4) study about ecology of demersal and benthic sharks in Catalanian Sea with I. Mate; (5) long-term study with co-workers (Mediterranean Shark Research Group) in the Mediterranean Shark Sportfishery Program; (6) preparation of a field guide of fishes of the Catalanian Sea with I.Mate.

ANNA MARIA BELTRANO. IRMA-CNR (Istituto per le Risorse Marine e l'Ambiente - Consiglio Nazionale delle Ricerche) Via Luigi Vaccara, 61 901026, Mazara del Vallo (TP) Sicily, ITALY. E-mail: annamariabeltrano@hotmail.com; P.IVA 01914480817; Tel. 0039 0349/7360488-0039 091/6173223; Tel/Fax 0039 091/329357

Current work: 1998-2001: works on the biology of fishes at I.R.M.A.-C.N.R. (Istituto per le Risorse Marine e l'Ambiente - Consiglio Nazionale delle Ricerche). 2000-2001: Collaborator in IRMA-CNR on following European projects: "Stocks assessment of some coastal species caught by artisanal fishery" (SACS), project's number: 96/054"; "Fish aggregating device (FAD) fisheries in the Eastern Mediterranean: An alternative technique to enhance pelagic fish catches and diversify effort?"; 2000: 30th Course on "Biodiversity Conservation and Sustainable Management of Marine Resources" at International School of Biophysics. 2001: Participates in course "Pollution in surveillance and control in Wetland ecosystems" (Hungary) EU.

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

Current work: Most of 2001 was spent as Research Associate at the Museum and Art Gallery of the Northern Territory in Darwin, Australia chasing nurseryfish, *Kurtus gulliveri*, (Perciformes: Kurtidae), and avoiding crocodiles in the Adelaide River; (1) paper on embryos, larvae, and development of *K. gulliveri* is in preparation with Francisco J. Neira; (2) redescription of *K. gulliveri* with life history information is in preparation. (3) a paper on alimentary canal anatomy and diet of *K. gulliveri* with Dion Wedd has been submitted; (4) molecular systematics of *Kurtus* with Kent Carpenter is in progress; (5) ontogeny of *Diplomystes* with J. Lundberg and J. Friel is nearing completion; (6) resource partitioning among *Etheostoma* with J. Bradley is on-going; (7) a paper on biogeography of *Galaxias vulgaris* in New Zealand was published; (8) Freshwater Fish Distribution was published by Academic Press.

BERTACO, VINICIUS ARAÚJO. Graduate student, Laboratório de Ictiologia, Museu de Ciências e Tecnologia (MCP) PUCRS. Av. Ipiranga 6681, P. O. Box 1429, 90619-900 Porto Alegre, RS, BRAZIL. Tel. (51) 3320.3500 ext. 4413. Fax. (51) 3320.3900. E-mail: ubertaco@pucrs.br

Current work: (1) Phylogeny and taxonomy of *Hollandichthys* Eigenmann, 1910 (Ostariophysi: Characiformes: Characidae) under advise of Dr. Luiz R. Malabarba; (2) review of *Astyanax* Baird & Girard, 1854 (Teleostei: Characidae) from the rio Tramandaí drainage, RS, Brazil (w/L.R. Malabarba & J.F.P. da Silva); (3) systematics of *Prodontocharax* and *Amblystilbe* (Teleostei: Characidae: Cheirodontinae), with descriptions of new species (w/L.R. Malabarba); (4) review of *Odontesthes* "grupo perugiae" from the laguna dos Patos drainage (w/L.R. Malabarba & B. Dyer); (5) revision of the *Hollandichthys* and *Pseudochalceus* of CLOFFSCA; (6) study of the occurrence, distribution and abundance of sand beach fish species in the lago Guaíba, RS, Brazil (w/F.G. Becker & Z.M. Lucena).

BOESEMAN, M. Emeritus Curator of Fishes of the Nationaal Natuurhistorisch Museum (formerly Rijksmuseum van Natuurlijke Historie), P.O. Box 9517, 2300 RA, Leiden, NETHERLANDS. Home address: Prins Bernhardlaan 54, 2341 KL Oegstgeest. Tel. 0031-71-5174477; E-mail boeseman@hetnet.nl.

With Mrs. W. de Ligny, we appear to have finished the comprehensive biography and bibliography on the 18th century physician and naturalist Marinus Houuttuyn, about whose ichthyological work I published earlier as referred to in the Newsletter nr 17, 1995. Place and time of the present publication, which we mentioned already in previous newsletters, are still to be decided depending on appropriate facilities.

BOR, TACO J. Prinsenweer 54 3363 JK Sliedrecht THE NETHERLANDS E-mail tjbor@doge.nl

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

BRAY, DIANNE J. Collection Manager, Ichthyology, Museum Victoria, PO Box 666E, Melbourne, Victoria 3001, AUSTRALIA. Tel 61 3 8341 7448; Fax 61 3 8341 7442 ; Email dbray@museum.vic.gov.au

Current work: (1) Completing the Zoological Catalogue of Australia, Pisces, part 2 (w/D.F. Hoese, G.R. Allen, J.R. Paxton & others) (submitted); (2) completing (w/D.F. Hoese & J.R. Paxton) a revised (on-line) edition of the Zoological Catalogue of Australia, Pisces, part 1; (3) a new species of *Zenopsis* (family Zeidae) (w/U. Yamada & T. Nakabo) (submitted); (4) Zeiforme fishes of Australia.

BRIGGS, JOHN C. Adjunct professor, Georgia Museum of Natural History, University of Georgia, Athens, GA 30602, U.S.A. Tel. (706) 353-1945; E-

mail clingfish@earthlink.net

Current work: Papers under review include (1) Classic works (w/C.J. Humphries) to comprise a chapter in a book Foundations of Biogeography edited by J.H. Brown, M.V. Lomolino, and D.F. Sax. To be published by University of Chicago Press, (2) Fishes and birds: passengers aboard Gondwana life rafts?, and (3) Marine centers of origin as evolutionary engines. Work toward the formation of an International Biogeographic Society, in cooperation with many others, is progressing.

BRITTO, MARCELO R. Ph.D. Student. Museu de Zoologia da Universidade de São Paulo (MZUSP), Seção de Peixes. Cx. Postal 42594, São Paulo, SP, 04299-970, BRASIL. Tel +55 11 6165-8119 FAX +55 11 6165-8113. E-mail mrbritto@ib.usp.br

Current work: (1) Ph. D. thesis on the relationships of superfamily Loricarioidea with other Siluriformes (Ostariophysi) (advisor: M. de Pinna); (2) description of a new *Corydoras* (Callichthyidae) (w/R. Castro; submitted); (3) phylogenetic analysis of the subfamily Corydoradinae (Callichthyidae) (submitted); description of a new *Aspidoras* (Callichthyidae) (w/F. Lima & C. Moreira); revision of *Aspidoras* species (Callichthyidae) (w/F. Lima); description of a new *Otocinclus* (Loricariidae) (w/C. Moreira).

BRZOBHATY, R. Professor, Dept. Geol. Paleontology, Masaryk University, Kotlarska 2, 611 37 Brno, CZECH REPUBLIC. Tel. 420 05 411 29 251; Fax 425 412 112 14; E-mail rosta@sci.muni.cz

Current work: (1) Study of otoliths from the Lower Miocene (Italy, together with D. Nolf); (2) a revision of the Karpatian (top of the Lower Miocene, Central Paratethys) otolith-based fish fauna; (3) manuscript in press includes new data on the Miocene Stomiiformes from the Carpathian Foredeep (Otoliths, West Carpathians, together with D. Nolf).

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

Current work: (1) Work on comprehensive review of Cichlidae, including revisions of the genera (1a) *Aequidens* and (1b) *Xenotilapia*, progressing; (2) revision of family Pomacanthidae completed except for minor corrections; (3) review of Corydoradinae (family Callichthyidae) well under way; (4) work progressing well on Anabantoidei; (5) revision of Ambassidae semidormant due to lack of African specimens; (6) larval reef fish studies on (6a) Acanthuridae, (6b) Chaetodontidae, (6c) Pomacanthidae, and (6d) Pomacentridae being illustrated; (7) new species in works in Pomacanthidae, Cichlidae, and Loricariidae; (8) update on catfishes with Lee Finley progressing slowly; (9) interest still strong in Embiotocidae and Chaenopsidae.

BUSBY, MORGAN S. Research Fishery Biologist, National Marine Fisheries Service, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Building 4, Seattle, WA 98115-6349 U.S.A. Tel. (206) 526-4113 or 4126; Fax (206) 526-6723; E-Mail morgan.busby@noaa.gov.

Current Work: (1) Continuing studies on taxonomy of larval and adult snailfishes (family Liparidae) in the North Pacific Ocean and Bering Sea including a description of a new species of *Paraliparis* from Shelikof Strait Alaska and redescription of *Paraliparis holomelas* with new records and notes on larval development; redescription of *Liparis callyodon*; (2) early life history studies of capelin (*Mallotus villosus*) (family Osmeridae) in the Gulf of Alaska (w/several others); (3) spawning and development of eggs and larvae of arrowtooth flounder (*Atheresthes stomias*) (family Pleuronectidae) (w/A. Matarese & D. Blood); (4) taxonomy and osteology of juvenile osmerids, gadids and other young fishes from the Gulf of Alaska and Bering Sea; (5) spawning and development of eggs and larvae of the bigmouth sculpin *Hemitriperus bolini* (family Hemitripteridae) (w/D. Blood & D. Nichol).

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

Despite a 2001 sabbatical leave, not much has changed since last year. My interests continue for catostomids, cyprinids, gasterosteids, and percids. A paper on *Cycleptus* (w/R. Mayden) is now in press and one on *Myxocyprinus* is in prep. Planned 2001-2002 papers should be on catostomids and darters.

CAILLIET, GREGOR M. Professor, Moss Landing Marine Laboratories, 8272 Moss Landing Road, Moss Landing, CA 95039, U.S.A. Tel (831) 632-4432; Fax (831) 633-4403; E-Mail cailliet@mlml.calstate.edu

Current work: I am mainly interested in fish ecology and study the age, growth, reproduction, habitat utilization, and recruitment processes of marine and estuarine fishes in Monterey Bay and along the west coast of North America. Using ROVs, submersibles, and nets, we have sampled deep

demersal fishes off the Farallon Islands, in Monterey Submarine Canyon, and along the Big Sur coast (Big Creek Ecological Reserve). I continue to work with Allen Andrews on radiometric age validation of deep-sea rockfishes and we have completed studies on the bocaccio (*Sebastes paucispinis*) and yelloweye (*Sebastes ruberrimus*) rockfishes. I also periodically sample fishes in central California habitats: estuaries, sandy and rocky shores, near-shore soft bottoms, and deep sea. In addition, we just finished a two-year survey of the shark and ray fishing camps in the Gulf of California. We also completed a comprehensive life history data base on 124 species of nearshore marine fishes funded by the Pacific States Marine Fisheries Commission for use under the California Marine Life Management Act, which is available on the California Department of Fish and Game's web site (<http://www.dfg.ca.gov/mrd/mlma/reports/finfishhistory.html>). I continue an interest in the ecology of chondrichthyan fishes and we are working with Dr. David Ebert on skate (family Rajidae) taxonomy on the west coast. I teach courses in Marine Ecology, Ichthyology, Population Biology and Marine Fisheries.

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

Current work: (1) Long-term studies on the Cretaceous and Tertiary elasmobranch faunas collected yearly in the Phosphate deposits of Morocco and Middle-East; (2) studies on the dentition of Recent elasmobranch fishes: Dasypnoidea, mainly dasyptoids and urolophids, from Tunisia, Eastern Atlantic and Western Australia (w/different colleagues); (3) a revision of European Eocene Odontaspidae, mainly from Belgium (w/D. Nolf); (4) a study of different Cretaceous elasmobranch faunas from Texas and of a Middle Eocene elasmobranch fauna from the Tallahatta Fm., Alabama (USA, w/G.R. CASE et al.). (5) the completion of a database including all fossil post-Triassic genera and species of elasmobranchs.

CARDOSO, ALEXANDRE RODRIGUES. Graduate Student. Museu de Ciências e Tecnologia, PUCRS (MCP). Av. Ipiranga, 6681. Caixa Postal 1429, 90619-900 Porto Alegre, RS, BRASIL. Tel. (55) 51.320.3500 ex- 4413. Fax. (55) 51.320.3900.

Current work: (1) Taxonomic revision and phylogeny of the subfamily Rhoadsiinae (Characidae, Characiformes); (2) Description of three new species of the genus *Hemiancistrus* (Loricariidae, Siluriformes) from the rio Tocantins drainage. (w / P. H. F. Lucinda). Submitted; (3) Revision of the species of *Rineloricaria* from coastal rivers in southern Santa Catarina end northeastern Rio Grande do Sul, Brazil (Pisces, Siluriformes, Loricariidae) and (4) For the *Cloffa* participation revision of the subfamily Rhoadsiinae (Characidae, Characiformes).

CARVALHO, MARCELO R. de. Department of Ichthyology, American Museum of Natural History, Central Park West at 79th Street, New York, NY, 10024-5192, USA. Tel. 212-769-5664; Fax 212-769-5642.

Current work: (1) Preparing my PhD thesis for publication (systematics of the electric ray genus *Narcine*) -- this has been delayed as I await the publication of various new species of *Narcine* (w/co-authors) and complete a species-level phylogenetic and biogeographic analysis; (2) A revision of the electric ray genus *Narke* (w/J. Randall); (3) a revision of the eastern Atlantic species of *Torpedo* (w/B. Seret); (4) descriptions of new species of potamotrygonids (some w/co-authors); (5) description of a Late Cretaceous platyrhinid from southern Italy (for Mesozoic Fishes 3); (6) revisionary work on the Eocene batoid fauna of Monte Bolca is on-going (new data collected in Verona in 2000 and 2001), to be published by the Museo Civico di Storia Naturale di Verona; description of potamotrygonid fossils from South America (w/J. Lundberg); (7) contributions for the multi-authored and comprehensive FAO batoid catalog underway (electric rays, stingrays). Please note my return to the Department of Ichthyology of the AMNH.

CASATTI, LILIAN. Postdoctoral researcher, Laboratório de Ictiologia de Ribeirão Preto (LIRP), Dep. Biologia, FFCLRP-USP, Ribeirão Preto, 14040-901, BRAZIL. E-Mail licasatti@netsite.com.br; Tel. 55-16-6023710; Fax 55-16-6023666;

Current work: (1) Study of the ichthyofauna of reference-streams in São Paulo State (Morro do Diabo State Park) as part of the Thematic Project "Fish Diversity of the headwaters and streams of the upper Paraná River system in the State of São Paulo, Brazil", coordinated by Ricardo M.C. Castro, part of the BIOTA/FAPESP - The Biodiversity Virtual Institute Program (www.biotasp.org.br); (2) phylogeny of South American freshwater Sciaenidae based on morphological characters (reviewing manuscript); (3) systematic revision of *Pachypops* and *Plagioscion*, family Sciaenidae (manuscripts submitted); (4) systematic revision of *Pachyurus*, family Sciaenidae (in press.); (5) preparation of Sciaenidae chapter for CLOFFSCA (Check List of Freshwater Fishes of South and Central America); (6)

description of a new species of *Pachyurus* from Ecuador (w/ L.N. Chao); (7) description of a new species of *Trichomycterus* (family Trichomycteridae) from Morro do Diabo State Park (w/ F.A. Bockmann); (8) biology of *Trichomycterus* sp. From Morro do Diabo State Park (manuscript submitted); (9) diet of a fish community in Macrophyte banks (w/ H.F. Mendes & K.M. Ferreira).

CASCIOTTA, JORGE R. Div. Zoología Vertebrados, Museo de La Plata, Paseo del Bosque, 1900 La Plata, ARGENTINA; E-Mail: jrcas@museo.fcym.unlp.edu.ar

Current work: (1) Study of the freshwater fishes from La Plata basin (2) I will continue with systematic studies on Argentinean Miocene freshwater fishes (w/A. Cione & M. Azpelicueta).

CASTRO, RICARDO M.C. Docente, Laboratório de Ictiologia, Depto de Biologia, FFCLRP - Universidade de São Paulo, Av. dos Bandeirantes 3900, CEP 14040-901, Ribeirão Preto, SP, BRASIL. Tel. 55-16-602-3817; Fax 55-16-602-366; E-Mail rmcastro@ffclrp.usp.br

Current Research: (1) Phylogenetic and revisionary studies of the family Prochilodontidae (w/R. P. Vari); (2) description and phylogenetic relationships of a new species of blind pimelodid catfish from a cave in the state of Bahia, northeastern Brazil (w/T.X. de Abreu); (3) revision and phylogenetic studies of *Rhamdiopsis* Haseman (Siluriformes, Pimelodidae) (w/F.A. Bockmann & Carlos R.S.F. Bizerril); (4) ecomorphology of the fishes from the headwaters of the São Francisco River, state of Minas Gerais, southeastern Brazil (w/L. Casatti); (5) description and phylogenetic studies of a new genus and species of Glandulocaudinae fish (Characiformes, Characidae) from the upper Paraná River basin, State of Minas Gerais (w/A.C. Ribeiro, Ricardo C. Benine & A.L.A. Melo); (6) description and phylogenetic studies of a new genus and species of a *Bramocharax*-like tetragonopterin from the upper Paraíba do Sul River, State of São Paulo (w/R.C. Benine & A.C. Ribeiro); (7) redescription and phylogenetic appraisal of *Henochilus wheatlandii* Garman, 1890 (Characiformes, Characidae) (w/R.P. Vari); (8) phylogenetic and revisionary studies of *Leporellus* Lütken (Characiformes, Anostomidae) (w/R.P. Vari & L. Casatti); (9) taxonomic revision of the Upper Paraná River species of *Astyanax* Baird & Girard (Characiformes, Characidae) (w/R.P. Vari); (10) coordination of a four years (started in December 01, 1998) BIOTA/FAPESP's Thematic Project on the fish diversity of the headwaters and streams of the upper Paraná River system in the State of São Paulo, southeastern Brazil (w/H.A. Britski, José L. Figueiredo, Naércio A. Menezes, Julio C. Garavello, Richard P. Vari, Stanley H. Weitzman and many students and technicians from FFCLRP-USP and MZUSP) (1, 2, 3, 4, 5 completed and in the manuscript writing stage).

CASTRO-AGUIRRE, JOSÉ LUIS. Full Professor and Senior Scientist. Dept. de Pesquerías y Biología Marina, Centro Interdisciplinario de Ciencias Marinas, I.P.N. Apdo. 592. La Paz, Baja California Sur 23001 MÉXICO. Tel. (6)122 5322/ 2 5366. Fax (6)122 5344. E-mail: jlcastroaguirre@hotmail.com

Current work: (1) The Mexican sharks catalog w/H. Espinosa Pérez and L. Huidobro-Campos is ended and is programmed to go to press at the end of 2001; (2) the paper on the new species of Lile from Eastern Pacific w/ G. Ruiz-Campos and E.F. Balart, is going to be published this year in the Bull. Southern California Academy of Sciences; (3) a new record of *Echiophis brunneus* (Ophichthidae) from the northern Golfo de California w/G. Ruiz-Campos, will also be published in the same journal; (4) studying several specimens of *Mustelus* (Triakidae) from off Bahía Magdalena, B.C.S. w/J. De La Cruz-Agüero; (5) analyzing several samples of *Eugerres mexicanus*, w/A. González-Acosta, from the Río Usumacinta basin; (6) collaborating with Dr. Stephen Norris (Univ. of Ohio) in the chapter of Dr. Robert R. Miller's book on the History of Mexican Ichthyology; (7) collaborating with Dr. G. Ruiz-Campos et al. in a chapter (of a book on the Mexican freshwater fishes) on the continental fishes of Baja California Sur.

CHAKRABARTY, PROSANTA . Doctoral student, Department of Ecology and Evolutionary Biology, University of Michigan; Fish Division, Museum of Zoology Bldg. 79, 1109 Geddes Ave. Ann Arbor, MI 48109, U.S.A.. Tel 734-222-4675 e-mail pchakrab@umich.edu

Current work: (1) Biogeography and systematics of neotropical and/or African cichlids. (Tentative dissertation topic).

CHEN, WEI-JEN. Postdoctoral Research Associate, School of Biological Sciences, University of Nebraska, 315 Manter Hall, Lincoln, NE, 68588-0118, U.S.A. Tel : (402) 472 3999; fax: (402) 472 2083; e-mail: wchen@biocomp.unl.edu

My work concerns mainly the application of molecular tools and a phylogenetic framework to interpret fish diversity and document the existing classification, which relies generally on loosely formulated "phylogenetic syntheses". I am also interested in developing methodologies associated with

reconstruction of macrophylogeny. Current projects: (1) High-level molecular phylogeny of ray-finned fishes (Actinopterygii) (w/G. Orti); (2) molecular phylogeny of the Esociformes (Protacanthopterygii) and allies (w/G. Orti & A. Lopez); (3) molecular phylogeny of spiny fishes (Acanthomorpha) (PhD dissertation with G. Lecointre); (4) phylogeny of the higher Antarctic teleosts (Suborder Notothenioidei, with G. Lecointre).

CHEN, XIAO-YONG. Dept. of Systematic Zoology, Kunming Institute of Zoology, Chinese Academy of Sciences, Kunming, Yunnan, P. R. CHINA. 650223. Tel. 86-871-5196361; Fax: 86-871-5191823; E-mail: chenxy@mail.kiz.ac.cn

Current work: (1) Phylogeny and speciation of the indigenous fishes of Erhai Lake, Dali, Yunnan; (2) phylogeny and zoogeography of genus *Barbodes* Bleeker (Cyprinidae) in Yunnan, China, with the descriptions of two new species from upper Irrawaddy and upper Salween; (3) taxonomy and phylogeny of genus *Schizothorax* (Cyprinidae) in Yunnan; (5) taxonomy and phylogeny of genus *Paracoptilus* (Cobitidae) in Yunnan. I am currently interested in *Schizothorax*, Barbiniae and Cyprininae fishes, especially those species occurring in lower Irrawaddy, Salween, Mekong and Red River.

CHEN, ZI-MING. Ph.D. candidate, Dept. of Systematic Zoology, Kunming Institute of Zoology, Chinese Academy of Sciences, Kunming, Yunnan, P. R. CHINA 650223. Tel: 86-871-5196361. Fax: 86-871-5191823. E-mail: chenxy@mail.kiz.ac.cn

Current work: (1) Taxonomy, phylogeny and zoogeography of the subfamily Barbiniae distributed in Yunnan, China; (2) study on the conservation and restoration of the indigenous fishes in Dianchi Lake; (3) phylogeny and zoogeography of the specialized schizothoracine fishes (including genera *Diptychus*, *Ptychobarbus* and *Gymnodiptychus*); (4) study on the biology and conservation of the indigenous fish *Ptychobarbus chungtienensis* in Bita Lake of Zhongdian County, Yunnan. I am currently interested in Barbiniae and *Schizothorax* fishes, especially those species distributed in Yunnan, lower Irrawaddy, Salween, Mekong and Red River, and the cave-dwelling fishes in China. I also like to do conservation works on the endemic fishes of Yunnan.

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

Current work: (1) Editing and writing sections of the book "Arctic Marine Fishes of Canada"; (2) writing up papers on the Canadian and Iranian ichthyofauna, including systematic and ecological problems; (3) sadly, obituaries and a bibliography of Don E. McAllister; (4) on sabbatical 1 July 2001 to 30 June 2002 working on a web site on Iranian fishes.

COHEN, DANIEL M. P. O. Box 192. Bodega Bay, CA 94923, U.S.A.

Continued work on bythitids, including description of a new species of *Diplacanthopoma* with Jorgen Nielsen and section on Bythitidae for Fishes of the Western Indian Ocean with Eric Anderson.

COLLETTE, BRUCE B. Senior Scientist, National Marine Fisheries Service National Systematics Laboratory, National Museum of Natural History, Washington, D.C. 20560-0153, U.S.A. (202)357-2524, Fax (202)357-1896. E-mail: collette.bruce@nrmh.si.edu

Current work: (1) Shore fishes of Navassa Island (w/J. Williams, C. Thacker & M. Smith); (2) sections on Belonidae and Hemiramphidae for Fishes of the western North Atlantic; (3) FAO world catalogue of beloniform fishes (w/N.V. Parin); (4) biodiversity of Bear Seamount, New England Seamount chain (w/J.A. Moore, M. Vecchione, K. Hartel, J.K. Galbraith, R. Gibbons, M. Turnipseed, M. Southworth & E. Watkins); (5) phylogenetic studies of the Belonidae (w/H. Banford & N. Lovejoy); (6) revision of halfbeaks of the genus *Zenarchopterus*; (7) sexual dimorphism in the southeast Asian freshwater needlefish, *Xenentodon* (w/M. Kottelat); (8) faunal study of the fishes of the West Wind Drift islands and sea mounts; (9) hermaphroditism in *Serranus novemcinctus* (w/C. Roberts); and (10) continued participation in refinement of ITIS, the Integrated Taxonomic Information System (URL: <http://www.itis.usda.gov/itis>). Long-range studies continue on the systematics of the Scombridae, Belonidae, and Hemiramphidae.

CRAIG, MATTHEW T. Scripps Institution of Oceanography, UCSD Mail Code 0208, 9500 Gilman Dr, La Jolla, CA 93093, USA. E-mail: mcraig@ucsd.edu

Current research: (1) Continuation of previous study on the phylogenetic relationships among the epinepheline serranids; (2) molecular phylogeny and biogeography of the chaenopsid genus *Corraliozetus*; (3) population genetic structure in *Epinephelus labriformis* throughout the eastern Pacific, and (4) patterns and rates of speciation in marine fishes across the Isthmus of Panama.

DELLING, BO. Ph.D. student, Department of Vertebrate Zoology, Swedish Museum of Natural History, P.O. Box 50007, S-104 05 Stockholm, SWEDEN. Tel 46-8 5195 4114; Fax -5195 4212; E-mail bo.delling@nrm.se

Current work: (1) A systematic study of the salmonid genus *Salmo*; (2) geographic variation in the cottid genus *Triglopsis*.

DERIJST, EDDY. Aquariumwereld B.B.A.T. Werfstraat 6, B-9500 Geraardsbergen, BELGIUM. Tel. & fax +32 54.58.93.59 (& I.R.S.N.B. div. ichthyology Vautierstraat 29, B-1000 Brussels, Belgium); e-mail: eddyderijst.systichthys@belgacom.net

Current work: Still working on a systematic overview of the fishes. Order, family and genus composition are followed and updated with new described taxa or revisions. Several nomenclatural problems are in study.

DODD, KATHRYN A. M.S. Candidate, School of Aquatic and Fishery Sciences, University of Washington, Box 355100, Seattle, WA 98195, U.S.A. Tel (206) 543-8699; Fax (206) 685-3275; E-mail kdodd@u.washington.edu

My thesis project is an examination of the systematics and zoogeography of the fishes of the family Anoplogastridae under the direction of my major professor, Dr. Ted Pietsch. This fall I am planning visits to several collections in Europe as part of my thesis research. I have also recently started working with the NMFS Alaska Fisheries Science Center on curation and maintenance of their observer training collection and on teaching fish identification to their observers.

ECONOMIDIS, PANOS STAVROS. Professor, Aristotle University of Thessaloniki, Department of Zoology, Box 134, GR-54006 Thessaloniki, GREECE. Fax: +30-31-99.82.79; Tel. +30-31-99.82.65 & -99.83.34, Email psecn @ bio. auth. gr

Current work: Continuation of those referred in Newsletter of 2000: (1) Critical revision on endemic fresh water fish; (2) action Plan for protection of endemic freshwater fish species of Greece, (3) Some new endemic freshwater fish taxa; (4) contribution to the Handbook Freshwater Fishes Europe, Aula Verlag; (5) new records of marine fish from Greek seas and (6) diadromes fish species, as sturgeon, shads in Greek water.

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

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

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

Current work: We continue to work actively on the Catalog of Fishes database, especially with support from the Sloan Foundation. A new version of the Catalog of Fishes will appear on the Academy's www site (www.calacademy.org/research/ichthyology/catalog/catalog_online.html) in late December 2001 or just thereafter. Now the Academy closing has been pushed out to at least 2 years from now (and I expect it might be later than that) -- see last year's newsletter. Jack Randall kindly took over an old manuscript of mine on *Scorpaenopsis* and enlarged it, completed it, and added many beautiful pictures and some more new species. That will appear December 2001 as Indo-Pacific Fishes no. 34. A new project is briefly discussed in an announcement -- Annotated Checklists for Fishes. We are hoping for a modest grant from NSF to assist in the project. I have contacted some ichthyologists and the interest seem high. Basically, we will work with specialists with their manuscripts, and they will be the authors. I hope to contact more potential authors in January 2002. If you are a specialist in a group or have a special knowledge in a group, please express that interest to me. I continue as the department chair, but please contact Dave Catania regarding loan correspondence (dcatania@calacademy.org).

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

Current work: (1) Study of the geographic distribution of the Mexican freshwater fish species; (2) with the ASIH-AFS common names committee, revision of the Mexican common names for the next list; (3) an international effort for the study of the native trout (*Onchorhynchus*) of Southern North America with D. Hendrickson, F. García and R. Mayden; (4) with Dr. Castro-Aguirre a revision of the brackish fishes. (students: L. Huidobro - revision of *Poeciliopsis* genus (Poeciliidae). X. Valencia - revision of the Mexican Cichlidae (Cichlidae). A. Daza - a study of the Syngnathidae in Mexican coast.

FANG, FANG. Associate Researcher, Dept. of Vertebrate Zoology, Swedish Museum of Natural History, P.O. Box 50007, S-104 05 Stockholm, SWEDEN. Tel 46-8 5195-4123; Fax -5195 4212; E-mail fang.fang@nrm.se

Current work: I finished my PhD study this year, and am planning to further explore the rasborine phylogeny. A danionin phylogenetic analysis based on molecular data is under completion. Please note that my doctoral thesis was published using my official name, Kullander, F.F. It was just to follow the university registration rule. I apologize for the inconvenience and confusion which may have been caused. In the future, I will continue using the name, Fang Fang, for my publications.

FERNHOLM, BO. Head, Department of Vertebrate Zoology, Swedish Museum of Natural History, P.O. Box 50007, S-104 05 Stockholm, SWEDEN. Tel. 46-8 5195 4110; Fax -5195 4212; E-mail bo.fernholm@nrm.se

Current work: Hagfish systematics.

FIERSTINE, HARRY L. Professor emeritus, Biological Sciences Department, California Polytechnic State University, San Luis Obispo, CA 93407, U.S.A. Tel (805) 544-6672 (home); Fax (805) 756-1419; E-mail hfersti@calpoly.edu

Current work: (1) Description of *Blochius longirostris* (Scombroidei: Blochiidae), middle Eocene, Monte Bolca, Italy (w/K. Monsch); (2) description of billfish remains (Scombroidei: ?Blochiidae and Xiphiorhynchidae) from the late Oligocene of South Carolina (w/R. Weems) and Washington; (3) beginning in Spring, 2002, description of a complete skull tentatively identified as *Xiphiorhynchus* from the lower Oligocene of Austria and housed in the Bavarian State Collection, Munich (w/F. Pfeil).

FREYHOF, JÖRG. Dept. of Biology and Ecology of Fishes, Institute of Freshwater Ecology and Inland Fisheries, Müggelseedamm 310, 12587 Berlin, GERMANY. Tel (+49 30 64181 613; Fax +49 30 64181 750; E-Mail freyhof@igb-berlin.de

Current work: (1) Ecology of fish communities in large river; (2) study of the ichthyofauna of Europe and Asia; (3) evolution and phylogeography of European freshwater fish; (4) taxonomic review of European *Cottus* (Cottidae) and far eastern Cobitine loaches (Cobitidae).

FRIEL, JOHN P. Curator of Fishes, Cornell University Museum of Vertebrates, Dept. of Ecology & Evolutionary Biology, Cornell University, E151 Corson Hall, Ithaca, NY 14853-2701, U.S.A. Tel. 607-257-8143; Fax 607-257-1720; E-Mail jpf19@cornell.edu

Current work: (1) Functional morphology of the spine locking and sound production mechanisms of catfish pectoral girdles (Siluriformes); (2) descriptions of new banjo catfishes (Aspredinidae); (3) phylogenetic relationships of endemic Malagasy catfishes of the genus *Ancharius*, (4) identification of recently collected freshwater fishes from Cameroon and Gabon.

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

Current work: (1) With the help of the FishBase Team and many partners, continue coordination of FishBase, a global database currently containing key information on over 25,500 species of fish (see www.fishbase.org); (2) collaborate with W.N. Eschmeyer and with collection managers to provide coherent on-line access to collection databases (currently 16 collections with over 1 million records can be accessed through FishBase); (3) continue to work on the Species 2000 Project Management Team (see Catalogue of Life, www.sp2000.org); (4) serve on the OBIS International Committee to combine marine species data with physical oceanography data; (5) do research on life history of fish and on understanding of large marine ecosystems.

FUIMAN, LEE A. Professor and Senior Research Scientist, Department of Marine Science, University of Texas at Austin, 750 Channel View Drive, Port Aransas, Texas 78373, U.S.A. Tel. (361) 7496775; Fax (361) 7496777; EMail lee@utmsi.utexas.edu; www.utmsi.utexas.edu/staff/fuiman

Current work: (1) Review of sensory systems in coral reef fishes (w/ A.A. Mryberg, Jr.); (2) Individual variation in antipredator performance of red drum larvae (w/J.H. Cowan) (Sciaenidae); (3) sublethal effects of contaminant exposure on behavior of Atlantic croaker larvae (Sciaenidae) (w/P. Thomas, D. Sabath, I. McCarthy, M. Alvarez); (4) causes and consequences of individual differences in growth rates of red drum larvae (w/ M.E. Smith); (5) editing a textbook on the contributions of early life stages to fishery science; (6) underwater behavior of antarctic fishes as viewed by their predator (Nototheniidae); (7) foraging behavior and physiology of Weddell seals under the antarctic fast ice and Steller sea lions in Alaska (it's not exactly fish, but it's really cool and it provided the data for item 6 and a publication on fish

behavior and distribution). I will be at McMurdo Station, Antarctica during October, November, and December 2002.

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

Current work: (1) The revisionary studies of the Anostomidae genus *Schizodon* and *Leporinus* continues (w/H.A. Britski); (2) the continuing revision of *Hisonotus* and *Microlepidogaster* of the Hypoptopomatinae subfamily (Loricariidae) was pushed to 2002 (w/S.A. Schaefer & H.A. Britski); (3) the revision of genus *Steindachneridion* of Pimelodidae continues; (4) descriptions of new species of the genera *Hypostomus*, *Rhamdia* and *Pimelodus* from the rio Iguazu basin (w/O.A. Shibatta) is coming soon.

GHAZZI, MIRIAM S. Graduate student. Secao de Peixes, Museu de Zoologia da Universidade de Sao Paulo, P.O. Box 42694, Sao Paulo, SP, BRAZIL. 04299-970. Tel (11) 61658119 Fax (11) 61658113. E-mail: ghazzi@ib.usp.br

Current work: (1) I'm still working on my Ph.D. project on the systematics of the genus *Sturisoma* (Siluriformes, Loricariidae), including taxonomic revision, and phylogenetic relationships of the genus among other loricarids; (2) submitting a manuscript about nomenclatural status of *Sturisoma kneri*.

GHEDETTI, MICHAEL J. Assistant Professor of Biology, Dept. of Biology, D-8, Regis University, 3333 Regis Blvd., Denver, Colorado 80221-1099, U.S.A. Tel (303) 458-4091; FAX (303) 964-5480; E-Mail mgghedott@regis.edu

Current work: (1) phylogenetic revision of the North American topminnows of the subgenus *Xenisma* (Genus *Fundulus*) using morphological characters; (2) osteology and relationships of fossil North American cyprinodontiform fishes. Long-range studies include a phylogenetic revision of the family Fundulidae as well of similar studies of various smaller cyprinodontiform groups.

GIBRAN, FERNANDO Z. Doctoral student. Laboratório de Ictiologia de Ribeirão Preto (LIRP), 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: (1) Doctoral project "Biology and ecomorphology of a coastal marine fish community in southeastern Brazil" (since August 2000); (2) "The sea basses *Diplectrum formosum* and *D. radiale* (Serranidae) as followers of the sea star *Luidia senegalensis* (Asteroidea) in southeastern Brazil", submitted to Brazilian Journal of Biology; (3) "Diet of *Crenicichla britskii* Kullander, 1982 (Perciformes: Cichlidae) in a second order stream of Rio Aguapeí basin, Upper Rio Paraná system, southeastern Brazil" (w/K.M. Ferreira & R.M.C. Castro), submitted to BIOTA NEOTROPICA (www.biotaneotropica.org.br); (4) studies on the biology and mating behavior of the hairy blenny *Labrisomus nuchipinnis* (Labrisomidae) in western south Atlantic (in preparation w/F.B. Santos, J. Sabino & H.F. dos Santos); (5) coastal fish fauna from Canal de São Sebastião, São Paulo State, Brazil (a field guide in preparation w/ R.M.C. Castro, F.B. Santos, B.S. Daher & H.F. dos Santos); (6) I am still working on other manuscripts resultants from my M.Sc. thesis with activity, feeding behavior, diet and comparative morphology associated with feeding of *D. formosum*, *D. radiale*, *Epinephelus marginatus* and *Mycteroperca acutirostris* (Serranidae).

GILL, ANTHONY C. Researcher - Fishes, Department of Zoology, The Natural History Museum, Cromwell Road, London SW7 5BD, U.K. Tel. 44 (0)20 7942 5697; Fax 44 (0)20 7942 5433; e-mail: t.gill@nhm.ac.uk; url: <http://www.nhm.ac.uk/zoology/home/gill.htm>

Current work: Studies listed in the last several issues on acanthomorph relationships and anatomy (particularly on gobioids, pseudochromids and centrogoniids) and on the systematics and biogeography of various Indo-Pacific taxa (particularly pseudochromids, xenisthmids, gobiids, *Notograptus*, *Balistapus*, *Canthidermis*, *Scatophagus* and *Lates*) continue at various rates (w/ various collaborators); recent fieldwork has been in southeastern Queensland (w/ J. Johnson and other QM staff). New studies include: (1) popular guide to pseudochromids (w/ H. Tanaka); (2) pseudochromids of Socotra, including descriptions of three new species (w/ U. Zajonz); (3) description of a new *Pseudochromis* from Mindoro, Philippines (w/ J. Williams); (4) report on a collection of small reef fishes from Pompey Reefs, Great Barrier Reef (w/ J. Johnson); and (5) phylogeny of basal gobioids (w/ R.D. Mooi & C. Thacker).

GOLANI, DANIEL. Curator of Fishes, Department of Evolution, Systematics and Ecology, The Hebrew University of Jerusalem, 91904,

Jerusalem, ISRAEL. Tel 972-2-658-5872; FAX 972-2-658-4741; E-Mail dgolani@cc.huji.ac.il

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

GOMON, MARTIN F. Senior Curator, Ichthyology, Sciences Department, Museum Victoria, GPO Box 666E, Melbourne, Victoria 3001, AUSTRALIA. E-Mail mgomon@museum.vic.gov.au; Tel (61 3) 8341-7435; FAX (61 3) 8341 7442;

Current work: (1) Preparation of the final manuscript for a revision of the genus *Bodianus* (family Labridae); (2) revision of the genera *Cheilinus* and *Oxycheilinus* (family Labridae) with Westneat and Randall; (3) revision of the genus *Choerodon* (Labridae); (4) review of the Australian species of *Lepidotrigla* (family Triglidae); (5) review of the Australasian species of *Paralaemonema* (family Moridae), with Last; (6) description of two new species of *Kathetostoma* (family Uransoscopidae) from New Zealand, with McPhee. I am involved with other Australian fish taxonomists of the OzFishNet consortium in pursuing a number of projects that will provide a better understanding of Australian species and access to collection information, including dedicated publications for the description of new species (see Announcements), OZCAM (On-line Zoological Collections in Australian Museums) and other Internet accessible facilities.

GON, OFER. JLB Smith Institute of Ichthyology, Private Bag 1015, Grahamstown 6140, SOUTH AFRICA. Tel. (46) 636-1002; Fax (46) 622-2403; Email O.Gon@ru.ac.za

Current work: (1) Work on the cardinalfishes of the western Indian Ocean continues (Apogonidae); (2) revisions of the genus *Siphamia* (w/G.R. Allen) and of the *Apogon coccineus* group (w/D. Greenfield) continue; (3) description of a new species of *Gymnapogon* (w/D. Golani) (Apogonidae); (4) review of western Indian Ocean clupeiform fish (w/M.E. Anderson) continues (Clupeiformes).

GONZÁLEZ-ACOSTA, ADRIÁN F. Doctorate student, Ichthyological Collection, Centro Interdisciplinario de Ciencias Marinas, I.P.N. Apartado Postal 592, La Paz, Baja California Sur, MÉXICO, 23096. Tel (112) 253-44; Fax (112) 253-22; Email aacosta@ipn.mx, agacosta@hotmail.com

Current work: (1) Systematic and biogeographic study of the Genus *Eugerres* (Gerreidae) as my doctoral research, under advice of Dr J.L. Castro-Aguirre; (2) study of the continental fishes of Baja California peninsula (w/ Dr G. Ruiz-Campos and Dr J.L. Castro-Aguirre); studies on fish communities in estuaries and lagoons of Baja California Sur, and mangrove associated fish fauna (w/Dr J. De la Cruz-Agüero, Dr J.L. Castro-Aguirre, Dr. G. Ruiz-Campos, and Dr G. De la Cruz-Agüero); (3) second record of a mature female of *Regalecus kinoi* (w/Dr J.L. Castro-Aguirre and Dr J.L. Ortiz-Galindo); (4) actually working with the revision of the taxonomic status of *Eugerres axillaris-Eugerres lineatus* complex, and *Eugerres mexicanus* complex (w/Dr J.L. Castro-Aguirre and J. De la Cruz-Agüero).

GOSZTONYI, ATILA E. Ichthyology Laboratory, Centro Nacional Patagónico (CONICET), (9120) Puerto Madryn, Chubut, Argentina. Tel +54 2965 451 024; FAX +54 2965 451 543; E-Mail goszto@cenpat.edu.ar

Current work: (1) Biology and taxonomy of inshore fishes of Chubut Province, Argentina, (Atherinopsidae, Nototheniidae, Batrachoididae, Tripterygiidae); (2) Biology of the Río Chubut fishes (Diplomystidae, Atherinopsidae, Percichthyidae and Salmonidae) (3) Building and organization of the ichthyological collection of the Centro Nacional Patagónico (Puerto Madryn, Chubut, Argentina).

GREENFIELD, DAVID W. Department of Zoology, University of Hawaii, 2538 The Mall, Honolulu, HI 96822, U.S.A. Tel (808) 956-8618; Fax (808) 956-9812; E-mail greenfie@hawaii.edu

Current work: (1) Jack Randall and I have received NSF support to continue our work on Fiji fishes. We will be in the field in the spring of 2002. (2) My work on the gobies of Hawaii, also with Jack Randall, is nearing completion. (3) I am working with Ofer Gon on the *Apogon coccineus* complex. (4) I also am working on two new *Apogon* species, a scorpionfish, and two eels from Fiji. (4) I continue to make progress on finishing the bone drawings for my revision of the toadfish genera.

GUAZZELLI, GIZELANI M. Doctoral student, Seção de Peixes do Museu de Zoologia da Universidade de São Paulo (MZUSP). Av. Nazaré, 481 CEP 04263-000, São Paulo/SP. BRAZIL. Tel/Fax (011) 6165-8113; e-mail; Guazzelli@ib.usp.br/ Gizelani@uol.com.br

Current work: (1) Relationships of the genus *Pimelodella* Eigenmann & Eigenmann, 1888 (Siluriformes, Pimelodidae), including a taxonomic revision, which is my Ph.D thesis under supervision of Dr. Naércio Menezes; (2) subfamily Heptapterinae for the Check List of the Freshwater Fishes of South and Central America (CLOFFSCA) (w/ F. Bockmann)

HIERONIMUS, HARRO. P.O.Box 170209, D-42624 Solingen, GERMANY. E-mail: harro@hieronimus.de; Tel. +212-819878; Fax +212-816216.

Current work: (1) Behaviour of gambusiine fishes; (2) taxonomic work with *Corydoras*.

HORN, MICHAEL H. Professor of Biology, Dept. of Biological Science, California State University, Fullerton, CA 92834, U.S.A. Tel (714) 278-3707; FAX (714) 278-3426; E-mail mhorn@fullerton.edu

Current work: (1) Genetic adaptation and phenotypic plasticity in gut structure and function in pricklebacks (Stichaeidae) in an ontogenetic and a phylogenetic context, with research associate Anna Gawlicka and graduate students Donovan German and Kelly Kim; (2) trophic position in pricklebacks in an ontogenetic and a phylogenetic context, with graduate student Mike Saba; (3) convergent evolution in intertidal fishes from Californian and Chilean shores, with graduate student Kelly Boyle; (4) comparative gut structure and function in New World silversides (Atherinopsidae), with Anna Gawlicka; (5) evolution of stomachlessness in the Atherinomorphs, with Anna Gawlicka and postgraduate Elaine Logothetis; (6) 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 2003.

HOWE, JEFFREY C. 2912 Crown Colony Court, Mobile, AL 36695, U.S.A. Tel (251) 661-6860; e-mail jchowel32@aol.com

Current work: By the middle of 2001, I had finally completed all fish-related studies (e.g., standard length, pigfish diet – see literature cited) that had been ongoing for many years. Unfortunately I have no new fish studies at present. My time is consumed by water quality and oyster growth and mortality studies in Mobile Bay, Alabama.

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

Current Work: (1) Systematic study of the superorder Batoidea; (2) systematic study of the freshwater elasmobranchs in India, southeast Asia and Madagascar with T. Taniuchi and Sho Tanaka; (3) systematic study of the demersal fishes of Ghana; (4) research of the endangered elasmobranchs with SSG/IUCN. In May I attended the 6th Indo-Pacific Fish Conference in Durban, where I met lots of old friends from all around the world. I enjoyed visiting the Natal Shark Board. From July to August, I joined the demersal fish resources survey in Ghana and we were successful in catching more than 160 species of marine animals including bony fishes, cartilaginous fishes and invertebrata. From August to September I joined the survey for the freshwater elasmobranchs in Madagascar. We were successful in catching four specimens of the sawfish, *Pristis microdon*.

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

Current work: (1) Chapter on grenadiers (w/P.J. McMillan) for book on New Zealand EEZ fishes (Clive Roberts project leader) being pushed for completion this year; (2) gobies of genus *Sicydium* from São Tomé et Príncipe (w/F. Pezold); (3) descriptions of new *Caelorinchus* spp. from Taiwan (w/K-T. Shao & M.-L. Chiou); (4) description of a new "West Wind Drift" species of *Caelorinchus* with Bryan Marquardt & Yuri Shcherbachev. Await publication of manuscripts submitted to *Cybius* describing (w/N. Ungaro) a new *Caelorinchus* from the Mediterranean; to *Rev. Bio. Trop.* on a new Galapagos grenadier w/J. McCosker; to FAO identification guide for western central Atlantic (Gadiformes w/D. Cohen). Collected freshwater/estuarine fishes in São Tomé in April during a multidisciplinary expedition of Academy. Made a small collection of market fishes in Taiwan during short visit in July.

JAVONILLO, ROBERT. Graduate Student, University of Charleston, Grice Marine Laboratory, 205 Fort Johnson, Charleston, SC 29412, U.S.A. Tel (843) 406-4033; Fax (843) 406-4001; E-mail rjavonil@edisto.cofc.edu

Current work: M.S. thesis with Antony S. Harold on the taxonomy and phylogenetic relationships of *Chasmodes* (Blenniidae) taxa, using morphological and molecular methods, to be finished in 2002.

JAWAD, LAITH A. School of Biological Sciences, The University of Auckland, Private Bag 92019, Auckland, NEW ZEALAND. Tel (64) 9 3737599, Fax 64 9 3737 417. E-mail ljawad@auckland.ac.nz

Current work: I am still engaged in the Ph.D. research program at the School of Biological Sciences, Auckland University. The Ph.D. topic is the phylogenetic relationship of the triplefin fishes of New Zealand. Most of my previous work on the fishes of Yemen and Libya was published or is in different stages of publication. Please note that my surname was changed from Al-Hassan to Jawad .

KEITH, PHILIPPE. Laboratoire d'ichtyologie, Muséum National d'Histoire Naturelle, 43 rue Cuvier, 75231 Paris cedex 05, FRANCE. Tel. (33) 01-40-79-48-3; Fax (33) 40-79-37-71; email keith@mnhn.fr

Current work : (1) Study of the ichthyofauna of French Guiana (South America) in particular Gymnotiformes, Siluriformes (Doradidae, Trichomycteridae, Cetopsidae) and Perciformes (Gobiidae, Eleotridae) with description of new species, and study of the endemism and biogeography; (2) study of the freshwater ichthyofauna of Indo-Pacific area in particular in Gobiidae and Eleotridae with description of new species, and study of the endemism and biogeography.

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

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

KONG, DEPING. Graduate student, Dept. of Systematic Zoology, Kunming Institute of Zoology, Chinese Academy of Sciences, Kunming, Yunnan, P. R. CHINA 650223. Tel: 86-871-5196361. Fax: 86-871-5191823. E-mail: chenxy@mail.kiz.ac.cn; kongdeping@hotmail.com

Current work: (1) Phylogeny and speciation of the Sisoridae fishes; (2) taxonomy and zoogeography of genus *Pareuchiloglanis* Pellegrin. I am interested in *Sisoridae* fishes, especially fishes of genus *Pareuchiloglanis* Pellegrin.

KOTTELAT, MAURICE. Route de la Baroche 12, Case postale 57, CH-2952 Cornol, SWITZERLAND. Tel. +41-32-462 3175. Fax +41-32-462 2259. E-mail mkottelat@dplanet.ch

Current work: (1) Fish diversity in Southeast Asia, more particularly Indonesia, Laos, Thailand, including faunal surveys, descriptions of new taxa and revisionary work in (but not restricted to): Cyprinidae, Belontiidae, Cobitidae, Balitoridae, Sisoridae; (2) production of a guide to European freshwater fishes (w/J. Freyhof) and work on nomenclature and several small projects on nomenclature and systematics of various southern European fishes; (3) osteology of Chaudhuriidae (w/R. Britz); (4) production of a revised and expanded version of my 1993 Indonesian fish guide; (5) other field guides and minor projects. The Laos field guide appeared in August 2001 (both English and Lao editions) and the overview of the fishes of northern Vietnam is July 2001 (see Announcements).

KULLANDER, S.O. Curator of Fishes, Department of Vertebrate Zoology, Swedish Museum of Natural History, P.O. Box 50007, SE-104 05 Stockholm, SWEDEN. Tel. (46-8) 5195 4116; Fax (46-8) 5195 4212; E-mail sven.kullander@nrm.se; Web-page: <http://www.nrm.se/ve/pisces/>

Current work: (1) Systematic status of threespine sticklebacks in Sweden; (2) status and distribution of *Cobitis taenia* in Sweden; (3) systematic status and occurrence of *Acipenser sturio* in Sweden (now extinct); (4) occurrence and threat status of coastal fishes in Sweden; (5) various revisions of cichlids from South America, and evaluation of relationship hypothesis and classification of Central American heroine cichlids; (6) species level revisions of systomin and labeonin cyprinids of India-Myanmar; (7) submission of manuscript of a revision of the family Badidae with Ralf Britz, and working on its molecular phylogeny with Lukas Rüber and Ralf Britz; (8) editing of the checklist of Freshwater Fishes of South and Central America, with Carl J. Ferraris and Roberto E. Reis, in collaboration with FishBase, due early 2002; (9) completion of proceedings on aquaculture workshop in China in 2000; (10) coordination of a 2-yr project to find environment-friendly fish resources for local aquaculture in China with eight other institutions (EC project); (11) designing and programming a fish collection management application, the Artedien, available as "open source", due November 2001; (12) preparing for

a collaboration between the European Ichthyological society and FishBase to produce a list of common names of European fishes; (13) maintaining the web pg of the European Ichthyological Society (<http://www.nrm.se/ve/pisces/eis>).

LANDIM, MARIA ISABEL. (provisional address) Laboratório de Ictiologia, Dpt. Vertebrados, Museu Nacional, Quinta da Boa Vista, CEP: 20940-04020, Rio de Janeiro, RJ, BRASIL. Tel: 55 (21) 2568-1319. e-mail: milandim@openlink.com.br.

Current work: (1) I have finished my MS thesis on the phylogeny of Geophaginae (Cichlidae), with morphological data and I will be preparing it for publication; (2) description of a new *Retroculus* species (w/ C.A. Figueiredo); (3) beginning of my PhD with cichlid fishes with Dr Mário de Pinna as my advisor and Dr. Sven Kullander as co-advisor.

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

Current Work: I am going on with the following studies: (1) Ichthyofauna of Caura River basin (Orinoco drainage) (w/C. Vispo, D. Taphorn, A. Machado-Allison & O. Lasso-Alcalá); (2) study of the ichthyofauna of Upper Caroni River basin (Orinoco drainage) (w/O. Lasso-Alcalá & J. Meri); (3) study of Trophic ecology of the fish community in a venezuelan Guayana black river (w/J. Meri & O. Lasso-Alcalá); (4) Ichthyofauna of Golfo de Paria and Rio Tuy basin (w/F. Provenzano & O. Lasso-Alcalá); (5) Ichthyofauna of Cataniapo River basin, Amazonas State (Orinoco drainage) (w/F. Provenzano, J. Fernandez & A. Cervó); (6) description of new species of *Galeocharax* (Characidae) from Venezuela (Orinoco Drainage) (w/D. Taphorn); (7) descriptions of new species of *Trichomycterus* (Trichomycteridae) from Upper Caroni River basin (Orinoco Drainage) (w/F. Provenzano); (8) descriptions of a new species of *Cyphocharax* (Curimatidae) from Upper Caroni River Basin (Orinoco Drainage) (w/R. Vari, O. Lasso-Alcalá & J. Meri); (9) description of a new species of *Apareiodon* (Parodontidae) from Upper Caroni River basin (Orinoco Drainage) (w/O. Lasso-Alcalá, A. Machado-Allison and other colleagues); (10) descriptions of a new species of *Gobionellus* (Gobiidae) from Orinoco Delta (w/O. Lasso-Alcalá); (11) study of introduction of fishes in continental waters of Venezuela: A proposal for classification and preliminary evaluation (w/O. Lasso-Alcalá & J. Meri); (12) study of the Marine Ichthyofauna of Venezuela: Taxonomical revision of The Collection of Fishes, "Museo Oceanológico Hermano Benigno Román, Estación de Investigaciones Marinas de Margarita" (MOBR-EDIMAR) (w/O. Lasso-Alcalá & J.C. Capelo); (13) New records of marine fishes from Venezuela (w/O. Lasso-Alcalá & J.C. Capelo); (14) actually I am Assistant Editor of the journal: "Memoria de La Fundación La Salle de Ciencias Naturales".

LIASSO-ALCALÁ, OSCAR M. Assistant of Curator of Fishes and Research Scientist. Museo de Historia Natural La Salle, Fundación La Salle de Ciencias Naturales, Apdo. 1930, Caracas 1010-A, VENEZUELA. Telf. (58-212-7938321), Fax: 58-212-7937493; e-mail: lassocalca@hotmail.com and lassocalca@mixmail.com

Current work: (1) Studies of taxonomy, biology and ecology of freshwater and marine fishes in Venezuela; (2) ichthyofauna of Caura River basin (Orinoco drainage) (w/C. Vispo, D. Taphorn, A. Machado-Allison & C. Lasso); (3) Ichthyofauna of Upper Caroni River basin (Orinoco drainage) (w/C. Lasso & J. Meri); (4) study of Trophic ecology of the fish community in a venezuelan Guayana black river (w/J. Meri & C. Lasso); (5) Ichthyofauna of Golfo de Paria and Tuy River basin (w/C. Lasso, F. Provenzano and other colleagues); (6) description of a new species of *Cyphocharax* (Curimatidae) from Upper Caroni River basin (Orinoco drainage) (w/C. Lasso, R. Vari & J. Meri); (7) description of a new species of *Apareiodon* (Parodontidae) from Upper Caroni River basin (Orinoco drainage) (w/C. Lasso, A. Machado-Allison & other colleagues); (8) description of a new species of *Gobionellus* (Gobiidae) from Orinoco Delta (w/C. Lasso); (9) study of introduction of fishes in continental waters of Venezuela: A proposal for classification and preliminary evaluation (w/C. Lasso & J. Meri); (10) study of the Marine Ichthyofauna of Venezuela: Taxonomical revision of The Collection of Fishes, "Museo Oceanológico Hermano Benigno Román, Estación de Investigaciones Marinas de Margarita" (MOBR-EDIMAR): (w/C. Lasso & J.C. Capelo); (11) new records of marine fishes from Venezuela (w/C. Lasso & J. C. Capelo).

LAST, PETER R. Principal Research Scientist, Curator, CSIRO Fish Collection, CSIRO Marine Division, Castray Esplanade, Hobart, AUSTRALIA. 7000. Tel (61 3) 62325222; FAX (61 3) 62325000; E-Mail peter.last@marine.csiro.au

Current work will focus on: completing backlogged descriptions of new Indo-Pacific elasmobranchs (with multiple authors); assisting with the drafting

of volume one a FAO catalogue of rays of the world; and completion of faunal studies of Philippine (WWF funded) and Indonesian (Australian foreign aid) chondrichthyans. Other work includes: the compilation of a checklist of Macquarie Island fishes (w/R. Williams & S. Riddoch); revision of the handfishes (Brachionichthyidae) (w/D. Gledhill); revision of *Pterygotrigla* (family Triglididae) (w/B. Richards); review of Indian Ocean *Sladenia* (w/J. Caruso & R. Leslie); and contributions to a guide to New Zealand fishes (co-ordinated by C. Roberts).

LEIS, JEFFREY M. Principal Research Scientist, Ichthyology, The Australian Museum, 6-8 College Street, Sydney, NSW 2010, AUSTRALIA. Tel. 61 2 9320 6242; Fax 61 2 9320 6059; e-mail: jeffl@austmus.gov.au

Work continues on a number of descriptions of larvae of Australian fish species. A paper on larval development in the lutjanid subfamily Lutjanine is in preparation, as is a paper on developmental osteology of the Caesioninae. Still need larvae of *Macolor*, *Lipocheilus* and *Apsilus* if anyone can help. Ultimately, the goal is to produce a phylogeny of the Lutjanidae based on larval characters. Various larval fish ecology projects with various collaborators are underway. A paper on the species that complete their life cycle in 5 coral-reef lagoons in the Society and Tuamotu Islands is in review. Current emphasis is on behaviour of larvae of fishes at Lizard Island, Great Barrier Reef and off the NSW coast. Fieldwork on the NSW coast is planned for 2001/02. Check out our website at www.amonline.net.au/fish Please note altered e-mail and postal addresses.

LI, SI-ZHONG. Research Professor, Fish Museum, Dept. Research Center of Evolution & Systematics of Animals, Inst. Zoology, Academia Sinica, Zhongguancun Street, Haidian, Beijing, CHINA 100080.

Current work: (1) Chinese soldierfishes, etc. (Beryciformes); (2) Chinese mullets (Mugiliformes); (3) the fishfauna of the Huanghe River (The Yellow R.); (4) the geographical distribution of Chinese freshwater fishes.

LIMA, FLAVIO C.T. Graduate student, Museu de Zoologia da Universidade de São Paulo (MZUSP). Cx. Postal 42654, 04299-970, São Paulo, SP, BRAZIL. Tel/Fax 55 11 6165 8119; E-mail: fclima@usp.br

Current work: (1) Revision of cisandean *Brycon* species (Characidae), my master thesis, is well advanced; expected date of presentation by the end of 2001 or beginning of 2002. I hope to be able to travel abroad next year to examine additional material of the genus, in order to publish the revision. I also intend to begin next year my doctoral thesis, on the (2) phylogenetic relationships and taxonomy of *Salminus* (Characidae); (3) revision of *Aspidoras* (Callichthyidae) (w/M. Britto); a new species from upper rio Paraguai is in press (see Literature) and the description of a striking new species from the upper rio Araguaia is underway; (4) description of three new *Hyphessobrycon* species from the upper rio Araguaia (w/C. Moreira). (5) Description of a new *Kolpotocheirodon* (Characidae: Cheirodontinae) from the upper rio Paraguaçu (w/L. Malabarba & S.H. Weitzman); (6) description of a new *Creagrutus* (Characidae) from the upper rio Negro (w/R. Vari); (7) description of a new *Gelanoglanis* (Auchenipteridae) from the upper rio Negro (w/A. Akama & E.G. Baena); (8) description of a new, bizarre tetragonopterin from the upper rio Paraguaçu, Bahia (w/ F. Di Dário & P. Gerhard); (9) revision of *Thayeria* (Characidae) (w/C. Moreira); (10) revision of *Megalancistrus* (Loricariidae) (w/F. Vieira & F.A. Bockmann).

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Current work: (1) Ongoing revision of the genus *Sorubim* (Siluriformes:Pimelodidae); (2) CLOFFSCA chapter-Pimelodidae checklist with J.G. Lundberg; (3) revision of the South American catfish genus *Platysilurus* (Siluriformes:Pimelodidae) with J.G. Lundberg and C. J. Bestor; (4) revision of the genus *Leiarus* (Siluriformes:Pimelodidae); (5) status of *Paulicea lutkeni* (Steindachner 1877) w/J.G. Lundberg, A. Akama, & B. M. Parisi; (6) taxonomic investigation of *Ictalurus furcatus* w/ B.M. Burr and K.R. Piller.

LOUIE, KRISTINA D. Ph.D. Candidate, Dept. of Organismic Biology, Ecology, and Evolution, University of California, Los Angeles, California 90095-1606. Tel (310) 206 7885; Fax (310) 206-3987; email kdlouie@ucla.edu.

Current work: (1) Population genetic structure of the bay pipefish (*Syngnathus leptorhynchus*) and the staghorn sculpin (*Leptocottus armatus*). Collaborating with F. Camarena-Rosales (Universitas Autonoma de Baja California in Ensenada) to collect specimens in Mexico; (2) constructed microsatellite library for *Syngnathus leptorhynchus* with C. Bardeleben; (3) systematics and taxonomy of Eastern Pacific syngnathids; (4) phylogenetic relationships within genus *Syngnathus*; (5) collaboration with M. Dawson, M.

Barlow, C. C. Swift, and D.K. Jacobs comparing the population genetic structure of tidewater goby (*Eucyclogobius newberryi*) and shadow goby (*Clevelandia ios*).

LOURIE, SARA A. Department of Biology, McGill University, 1205 Avenue Dr Penfield, Montréal, H3A 1B1, Québec, CANADA. Tel: +1 (514) 398 5112; Fax: +1 (514) 398 5069, Email slouri@po-box.mcgill.ca

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

LOVEJOY, NATHAN R. Faculty. Department of Zoology, University of Manitoba, Z320 Duff Roblin, Winnipeg, MB, R3T 2N2 CANADA. Tel (204) 474-7174; Fax (204) 474-7588; E-Mail nate_lovejoy@umanitoba.ca

Current work: (1) Systematics and biogeography of Beloniformes (Belonidae, Scomberesocidae, Hemiramphidae, Exocoetidae, and Adrianichthyidae) (w/B. Collette & R. Pittman); (2) systematics and biogeography of marine-derived endemics in South America (Potamotrygonidae, Belonidae, Engraulidae, Sciaenidae, etc.) (w/M. Carvalho, F. Marquez, W. Boeger, L. Cassati); (3) systematics of Telmatherinidae (w/J. McKinnon); (4) systematics of Myliobatiformes (w/A. Martin); (5) systematics and biogeography of *Myoxocephalus*.

LUCENA, CARLOS ALBERTO S. Curator of Fishes, Lab. Ichthyology, Museu de Ciências e Tecnologia, Pontificia Universidade Católica do Rio Grande do Sul. Av. Ipiranga 6681, prédio 40, 90619-900, Porto Alegre, RS, BRASIL. E-mail: lucena@pucrs.br

Current work: (1) Systematics and taxonomic review of the internal clades of the genus *Roeboides* (Characidae); (2) phylogenetic definition of the genus *Deuterodon* (w/M. Lucena) (Characidae); (3) taxonomic studies of the *Astyanax scabripinnis* complex from southern Brazil (Characidae) (w/P. Silveira & V. Bertaco); (4) juvenile pattern colours of the *Crenicichla* species of the Rio Grande do Sul, Brazil (Cichlidae).

LUCINDA, PAULO HENRIQUE FRANCO. Curator of fishes. Permanent address: Laboratório de Ictiologia, Universidade do Tocantins (UNITINS), Campus de Porto Nacional, Caixa Postal 25, 77.500-000 Porto Nacional, TO, BRASIL. Current address: Museu de Ciências e Tecnologia, PUCRS (MCP). Av. Ipiranga, 6681. Caixa Postal 1429, 90619-900 Porto Alegre, RS, BRASIL. Tel. (55) 51.320.3500 ex- 4413. Fax. (55) 51.320.3900.

Current work: (1) Phylogeny and biogeography of the subfamily Poeciliinae (Poeciliidae, Cyprinodontiformes); (2) taxonomic revision, systematics and biogeography of the tribe Cnesterodontini including the taxonomic revision of the genera *Cnesterodon*, *Phallotorynus*, *Phalloptychus*, *Phalloeceus* and *Tomeurus*, as PhD thesis under advise of Dr. Roberto E. Reis; (3) description of three new species of the genus *Hemiantistrus* (Loricariidae, Siluriformes) from the rio Tocantins drainage (w/A.R. Cardoso). Submitted. (4) Description of a new species of the genus *Moenkhausia* (Tetragonopterinae, Characiformes) from the rio Tocantins drainage (w/L.R. Malabarba).

MacDONALD, ERIN L. M.S. Candidate, School of Aquatic and Fishery Sciences, University of Washington, 98195, U.S.A. Tel (206) 616-2485; Fax (206) 685-3275; E-mail emac@u.washington.edu

Current work: Under the direction of my major professor Dr. Ted Pietsch, I am currently working on: (1) description of the early-life history of members of the tribe Lumpenini (Perciformes: Stichaeidae), starting with the genus *Lumpenus*; (2) phylogenetic analysis of the family Stichaeidae, beginning with the tribe Lumpenini, using morphological and early-life history characters; (3) explore the use of parental care behaviors in a phylogenetic analysis of the tribe Lumpenini.

MALABARBA, LUIZ R. Museu de Ciências e Tecnologia. Pontificia Universidade Católica do Rio Grande do Sul. Av. Ipiranga, 6681 - Caixa Postal 1429. CEP: 90619-900, Porto Alegre, RS, BRAZIL. Tel. (51) 3320-3500 r. 4413. malabarba@pucrs.br and Departamento de Zoologia - IB - Universidade Federal do Rio Grande do Sul. Av. Bento Gonçalves, 9500 - bloco IV - Prédio 43435. CEP: 90540-000, Porto Alegre - RS - BRAZIL. malabarba@vortex.ufrgs.br

Research at UFRGS continues mostly directed to comparative reproductive biology of fishes (w/C. Fialho), and morphological analysis of gonads and sexually dimorphic characters (w/J. Burns & S. Weitzman), involving Ph.D. (Marco Azevedo) and Ms. C. students (Cristina Oliveira). Other projects at UFRGS includes the study of the fish fauna of the upper tributaries of rio Uruguay and laguna dos Patos drainages, including Ph.D. (Daniela Gelain), Ms. C. (José Bastos) and undergraduate students. I continue working on systematic studies of Characid fishes, especially cheirodontines. Cooperative or students projects include: (1) *Hollandichthys* (Characidae), with V.

Bertaco; (2) *Astyanax* (Characidae) from the rio Tramandaí and laguna dos Patos drainages, RS, Brazil, with V. Bertaco and J. F. P. da Silva; (3) *Prodottocharax* and *Amblystilbe* (Characidae), with V. Bertaco; (4) *Odontostoechus* and *Hypobrycon* with J. Pezzi; (5) *Phenacogaster* with M. Lucena; (6) *Hypheosobrycon bifasciatus* species-group with L. Barros. Other projects: (7) A new genus and 5 new species of characid fishes, with S. Weitzman; (8) The review of *Odontesthes perugiae* species group from the Tramandaí river drainage with B. Dyer, has been finished and submitted; we are starting the revision of the *Odontesthes perugiae* group from laguna dos Patos drainage (w/B. Dyer & V. Bertaco).

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

Current work: (1) Monograph of ophichthid eels of Australia; (2) review of deepwater (>200m) *Ophichthus* including several new species from Indian, western Pacific and eastern Atlantic; (3) descriptions of Galapagos fishes: catshark with Leonard Compagno and Carole Baldwin; scorpaenids with Stuart Poss; and *Anguilla* with Rodrigo Bustamente and Gerard Wellington; (4) description of two new *Chlopsis* with Ken Tighe; (5) description of a new strange-toothed *Gymnothorax* from Indonesia with Jack Randall; (6) involved with creation of a marine lab at Palmyra; (7) a general review of the Galapagos ichthyofauna with Dick Rosenblatt; (8) chapters on Ophichthidae and Muraenidae for the New Zealand fish volume; (9) coordinator of Moore Foundation Salmon Summit (to be held in November 2001); and (10) I hope to be making submarine dives and collections in a variety of locations.

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

Current work: I continue to struggle with galaxioid relationships based on a detailed examination of the osteology of the entire group – I have skeletal preps of virtually all of the c. 55-60 species, and this work is revealing numerous hitherto un-described character states; retirement mentioned last year has made little difference to when I work, but does mean I do what I like. New galaxiid species continue to turn up; here in NZ, and probably also in southern Africa and Patagonia, what we have treated as species are increasingly turning out to be species complexes. A new field guide to our freshwater fish fauna was published late last year.

MECKLENBURG, CATHERINE W. University of California, Santa Barbara, Marine Science Institute; and Point Stephens Research Associates, P.O. Box 210307, Auke Bay, Alaska 99821 USA. Tel (907) 789-7603; Fax (907) 789-7693; E-mail pststephens@alaska.com

Current work: The Fishes of Alaska book is in early stages of press work, and should be available from the AFS in December or early in 2002. I gave 2 presentations on taxonomy and rare records of North Pacific Scorpaeniformes at ASIH meeting at Penn State, including *Thecopterus aleuticus* as junior synonym of *Malacocottus aleuticus* (w/J.S. Nelson, K.L. Jackson & B.A. Sheiko), and first North American record of *Eumicrotremus eggvini* (Labrador). Participated in U.S. Fish & Wildlife Service research cruise to Semidi Islands, western Gulf of Alaska. Work continues on taxonomy of lump suckers (Cyclopteridae), translations of new checklists of Russian Far East fishes by Sheiko and V.V. Fedorov, and upgrading/updating the checklist of West Coast fishes, Baja California to Arctic Alaska/Canada boundary (w/M.L. Love) (includes slope and deep sea, to 200-mile limit), with many museum visits planned for near future.

MELO, MARCELO R.S. M.Sc. in Biological Sciences (Zoology), SQN 314, bloco F apto. 609, Brasília, DF, 70767-060, BRAZIL. Tel. (21) 9206-1521; E-mail: mrmelo@hotmail.com

Current work: (1) Description of a new species of the South-American darters genus *Characidium* (Crenuchidae, Characiformes) from Goiás, Central Brazil; (2) taxonomic revision and phylogenetic systematic of the group *Characidium lauroi* (Crenuchidae, Characiformes) of species from Southern Brazil, with description of two new species (one from Rio de Janeiro and the other from Paraná State).

MILLER, RICHARD GORDON. Foresta Institute for Ocean and Mountain Studies and University of Arizona. 3355 E. 2nd St., Tucson AZ 85716, U.S.A. E-mail: forstinst@aol.com>

Current work: As before shown in Newsletter 21 and 22 (1999, 2000).~ monitoring the possible additions to: 'History and atlas of the fishes of the Antarctic Ocean' (Miller, 1993) and data on Arctic estuarine species, plus also reviewing status of Cottocomephoridae and Comephoridae and associated species in Lake Baikal, and its feeder streams. Visit to Jordan River and feeders to Dead Sea cut short by local hostilities. Still awaiting journal publication of in-press titles listed here in 2000.

MINCARONE, MICHAEL M. Curator, Museu Oceanográfico do Vale do Itajaí, Universidade do Vale do Itajaí, CP 360, 88302-202, Itajaí, SC, BRAZIL. Tel: 55 47 3611458, E.mail: mike.mincarone@terra.com.br

Current work: (1) Taxonomy and biology of hagfishes (Myxini, Myxinidae), with description of several new species from Brazil and Argentina, and redescription of *Nemamyxine krefftii*; (2) phylogeny of the family Myxinidae, with taxonomic review of Myxinae (thesis project, with Dr. Roberto E. Reis, Museu de Ciências da PUC, Porto Alegre, Brazil); (3) taxonomy and biology of sharks (mainly Dalatiidae and Scyliorhinidae), with new records and description of a new species from Brazil; (4) distribution and biology of the Brazilian marine ichthyofauna.

MIRZA, M.R. Dept. Zool., Government College, 69 Umer Block, Allama Iqbal Town, Lahore – 54570, PAKISTAN.

Current work: (1) Study of fish fauna of the river Indus (w/M.N. Javed); (2) fishes of the river Ravi in Pakistan (w/Z. Ahmad); (3) participated in the 2nd International Science Conference, 26-28 Oct., 2000 at Lahore, and chaired the Session of Fisheries and Aquaculture; (4) continuing as visiting professor at the Department of Zoology Government College, Lahore.

MIYASHITA, TAKEHIRO. Postdoctoral Researcher, Laboratory of Ichthyology, Tokyo Univ. of Fisheries, 4-5-7 Konan, Minato-ku, Tokyo 108-8477, JAPAN. E-mail miyashit@cc.tokyo-u-fish.ac.jp

Current work: Comparative morphology of vertebrae in teleosts. I have observed the vertebrae of cleared specimens in about 400 species within close to 200 families that are included in all orders of teleosts. Part of this study centers on the interrelationships of higher taxon in teleosts, especially acanthomorphs, based on vertebral characters.

MOREIRA, CRISTIANO R. Seção de Peixes, Museu de Zoologia da Universidade de São Paulo, Caixa Postal 42594, São Paulo, SP 04299-970, BRAZIL. Tel/Fax +55(11) 6165-8119 (NEW NUMBER). Email cmoreira@ib.usp.br

Current work: (1) My Msc thesis on the phylogenetic relationships of the subfamily Iguanodectinae (Characiformes: Characidae), as well as the possible relationships with other members of the Characiformes should be completed by the middle of the year; (2) the revision of *Piabucus*, the redescription of *Iguanodectes rachovii*, and the description of two new *Iguanodectes* species should be ready by the end of the year; (3) revision of the genus *Thayeria* (Characidae), with Flávio Lima; (4) description of three new species of *Hypheosobrycon* from rio Araguaia basin, with Flávio Lima; and (5) description of a new *Aspidoras* (Siluriformes: Callichthyidae) from rio Araguaia basin, with Marcelo R. Britto and Flávio Lima.

MOTOMURA, HIROYUKI. Research Fellow of the Japan Society for the Promotion of Science, Division of Fisheries Sciences, Faculty of Agriculture, Miyazaki University, 1-1 Gakuen-kibanadai-nishi, Miyazaki 889-2192, JAPAN. Tel +81-985-58-7222; E-mail a02113u@cc.miyazaki-u.ac.jp

Current work: (1) Revision of the family Polynemidae of the world; (2) ichthyofauna of coastal waters in southern Japan; (3) taxonomic study of the Indo-Pacific fishes.

MUNROE, THOMAS A. Systematic Zoologist, National Marine Fisheries Service National Systematics Laboratory, National Museum of Natural History, Washington, DC 20560, U.S.A. Tel (202) 357-4255; FAX (202) 357-1896; Email: munroe.thomas@nrmnh.si.edu

Current work: (1) Continued research on systematics of flatfishes, especially families Soleidae and Cynoglossidae; (2) continued work on a systematic revision of *Soleichthys* (Soleidae); (3) completion of manuscripts (some with co-authors) describing new species of *Soleichthys*, *Symphurus* and *Cynoglossus* from Indo-Pacific waters; (4) completion of chapters on diversity and biogeography of flatfishes and tropical fisheries for flatfishes for upcoming, multi-authored book on biology of flatfishes; (5) 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; (6) drafting manuscript describing new species of symphurine flatfishes (Cynoglossidae) from waters around New Caledonia; (7) description of a new western Atlantic tonguefish from deepwaters off Colombia (co-authored with Colombian researchers); (8) continued progress on systematic revision of eastern Pacific *Symphurus*; (9) preparation of Family 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.

MURDY, EDWARD O. Senior International Analyst, Office of International Science and Engineering, National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230. Tel 703-292-7222; Fax 703-292-9067; E-mail emurdy@nsf.gov

Current work: In conjunction with Koichi Shibukawa, a revision of the gobiid subfamily Amblyopinae is underway. A review of the genus *Pseudotrypauchen* is in press and one on *Trypauchenopsis* will soon be submitted. We also have a new species of *Odontamblyopus* from Vietnam that we are describing.

MYERS, ROBERT F. P.O. Box 550666 Fort Lauderdale, FL 33355-0666, U.S.A.

Worsening economic conditions on Guam have made it impossible to earn a living, so I will be relocating in stages to south Florida (Ft. Lauderdale area) beginning in December 2001. However, I plan to continue to visit and work in Micronesia and will maintain a P.O. Box as well as phone contact on Guam (P.O. Box 21153, GMF, Guam 96921, USA; Tel. (671) 734-1092) until the move is complete. During the past year I began working on a field guide to Red Sea marine life (w/E. Lieske) which is expected to be finished in 2002. Studies of Micronesian fishes and regional zoogeography continue. An updated checklist of the fishes of the Mariana Islands (with T. J. Donaldson) and short papers on hybrid surgeonfishes and a triggerfish have been completed (both with J.E. Randall). New records cited in the checklist will be detailed in a separate paper (w/T. Allen & H. Kimura). Other goals for 2002 are to continue work on an annotated checklist of the fishes of Palau (w/T.J. Donaldson & J.E. Randall) and a paper detailing new and recent records of the fishes of Palau (w/T.J. Donaldson & H. Nagano), and to finish a supplement to Micronesian Reef Fishes and reprint the comprehensive edition of that work which is now out of print. Zoogeographic studies continue with emphasis on a comprehensive table of Indo-Pacific shorefish distributions to facilitate the comparison of biodiversity across regions and aid in the production of detailed species distribution maps (see announcement). Loan requests for Marianas material should be sent to Terry Donaldson.

NALBANT, TEODOR T. Curator of fishes, Department of Lower Vertebrates, Natural History Museum "Grigore Antipa", 1, Ch. Kisseleff, Bucharest, Romania. E-mail: nalbant@mailbox.ro.

Current work: (1) Illustrated and commented check-list of the fishes of Romania, both freshwater and marine; (2) revision of Nemacheilidae of Turkey (w/Erkakan and Ekmekci) and of the same group of Greece (w/Economidis).

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

Current work: (1) Systematics of the Psychrolutidae and description of new species (w/K. Jackson); (2) description of a new species of Trichonotidae (w/M.K. Das & J.E. Randall); (3) analysis of data on pelvicless *Culaea inconstans* (Gasterosteidae); (4) Chair AFS/ASIH committee for revision of AFS publication on "Common and scientific names of fishes from the United States, Canada, and Mexico", new edition expected early 2002; (5) "Fishes of the world" — I will continue to appreciate receiving either reprints and/or references to your systematic studies relevant to future revisions of this book (revisions for 4th edition started this year and expected to be completed late 2003).

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

Current work: (1) A phylogenetic study of the African and Asian catfish family Schilbeidae; (2) a study of the phylogenetic relationships of *Ancharius*, with descriptions of new taxa (w/J.S. Sparks); (3) review of *Arius* from Madagascar, with descriptions of new species (w/J.S. Sparks); (4) studies on the catfishes of Aceh, northern Sumatra, with descriptions of new bagrids, clariids, silurids and sisorids (w/S. Wirjoatmodjo & R.K. Hadiaty); (5) studies on the catfishes of central Vietnam, with descriptions of new bagrids, silurids and sisorids (w/J. Freyhof); (6) review of Chinese *Pterocryptis* (w/B.P.L. Chan); (7) systematic studies on the genus *Akysis* (w/M. C.C. de Pinna); (8) a revision of *Microsynodontis*; (9) descriptions of new *Pseudomystus* and *Leiocassis* (w/K. K.P. Lim); (10) a revision of *Sisor*; (11) descriptions of new *Oreoglanis* (w/C. Vidhayanon); (12) revisionary studies of selected clades within *Ompok* and *Kryptopterus* and descriptions of new species; (13) descriptions of new Indochinese akysids; (14) a revision of Southeast Asian *Glyptothorax* (w/M. Kottelat). The systematic revision of *Hemibagrus* has been submitted for publication. The work described in last year's newsletter that awaits publication is still ongoing. I continue to engage in other small projects (not mentioned above) on the taxonomy and systematics of Asian catfishes. A study of the molecular phylogeny of the Bagridae (w/J.S. Sparks) is also planned.

NOLF, DIRK. Curator of fossil fishes, Institut royal des Sciences naturelles de Belgique, 29 rue Vautier, 1000 Bruxelles, BELGIUM.

Current work: (1) Otolith based reconstructions of fossil fish faunas. Completion of an iconographical atlas of all otolith based fossil fish species is near to the end, but had to be postponed, because the achievement of various other papers was more urgent. Submitted manuscripts are on: (1) Middle Oligocene teleost otolith associations of Southern Aquitaine (w/E. Steurbaut); (2) otolith associations in the Paleocanyon of Saubrigues, from Late Oligocene till Middle Miocene (w/R. Brzobohaty); (3) a new species of *Lampadena* from the Mediterranean Pleistocene (w/A. Girone); (4) the fossil record and paleobiogeography of the genus *Steindachneria*; (5) the stomiatoids of the Central Paratethys Miocene (w/R. Brzobohaty); (5) Santonian otoliths from the Pyrenean realm. Manuscripts in preparation include a study of the Late Eocene otoliths from the Yazoo Clay, Louisiana (w/G. Stringer). New fields of interest concerns (1) recently discovered Cretaceous (Aptian till Maastrichtian) otolith associations from Spain; (2) application of otoliths to the systematics of fossil and Recent zeiforms and tetraodontiforms (w/J. Tyler).

ODDONE, MARÍA CRISTINA. Fundação Universidade Federal do Rio Grande (FURG), Departamento de Oceanografia Biológica, Laboratório de Elasmobrânquios e Aves Marinhas, CP 474, Rua Eng. Alfredo Huch 475, 96200, Rio Grande-RS, BRAZIL. Phone +55 532 302126; Email: ppgobmco@super.furg.br

Current work: Post-Graduation in Biologic Oceanography at FURG, Brazil, from March 2001 until March 2003. My thesis's subject is the reproductive ecology of the skate *Raja cyclophora* (Regan 1903) from the south of Brazil, under supervision of Dr. Carolus Maria Vooren. Will be at sea in the oceanographic FURG's vessel "Atlantico Sul", collecting data for my studies during the summer of 2002. Would deeply appreciate if someone who is/has been working on this matter please get in touch with me and/or provide me reprints, not necessarily only in *Raja cyclophora* but on reproduction in skates in general.

ORR, JAMES W. Research Zoologist, National Marine Fisheries Service, Alaska Fisheries Science Center, RACE Division, 7600 Sand Point Way NE, Seattle, WA 98115-0070, USA. Tel (206) 526-6318; Fax (206) 526-6723; E-Mail James.Orr@noaa.gov

Current work: Along with preparing manuscripts from my dissertation on phylogenetics of the Gasterosteiformes, my current work includes 1) systematics of *Sebastes ciliatus* (Scorpaenidae) (w/ J. Blackburn, J. Lopez, and P. Bentzen) and *S. aleutianus* (w/ S. Hawkins and J. Heifetz); 2) systematics of eastern North Pacific liparids; 3) keys to eastern North Pacific flatfishes (Pleuronectiformes) (w/ M. Brown & D. Baker); 4) internet database and subgeneric relationships of *Sebastes* (w/ A. Kendall Jr.); 5) description of a new *Solenostomus* (Solenostomidae) (w/ R. Fritzsche and J. Randall); 6) systematic position of *Indostomus* (Indostomidae) (w/ J. Lopez and T. Pietsch); 7) book on Fishes of the Puget Sound and adjacent waters (w/ T. Pietsch); 8) projects on Japanese gasterosteiforms (w/ T. Saruwatari); and 9) preliminary work on a review of North Pacific rajids (w/ J. McEachran). I also routinely participate in benthic trawl surveys of the Pacific coast from Alaska to California, and specimen requests are always welcome. Our Aleutian Islands shelf and Bering Sea slope and shelf surveys are scheduled for summer 2002. Space is still available for on-board volunteers to participate in sampling and collecting specimens.

ORTI, GUILLERMO. Assistant Professor, School of Biological Sciences, University of Nebraska, Lincoln, Nebraska 68588-0118, U.S.A. Tel (402) 472-3433; Fax (402) 472-2083; E-Mail gorti1@unl.edu.

Current work includes molecular systematics of several groups, using mitochondrial and nuclear genes. The major effort involves systematics of major lineages of actinopterygians (in collaboration with postdoctoral associate, Wei-Jen Chen). This project addresses (1) interrelationships among basal actinopterygians, (2) basal neopterygians (gars, bowfins and the teleosts), (3) monophyly of teleosts and identification of basal teleosts, (4) protacanthopterygii and major lineages of neoteleostei. Previous phylogenetic projects close to completion include (5) stickleback relationships (Gasterosteidae, with M.A. Bell and A. Meyer); (6) interfamilial relationships of Characiformes, and (7) intergeneric relationships among serrasalmins.

OTT, GERHARD H. F. Fischbestimmungs-Service, Ökologie Süßwasseraquarienfische & Ichthyologie Fishdetermination Service, Database for Ecology of Freshwater Aquarium Fishes and Ichthyological Advice of the Association of German Aquarium Clubs founded in 1911), Holzkrugweg 16 E, D-24941 Flensburg, GERMANY, Tel. +49 (0) 461 9401445, fax: +49 (0) 461 9401446, cellular phone: +49 (0)175 4004085; E-Mail Gerhard.Ott-FL@t-online.de; Web-Site. <http://www.vda-fbs.de>

Current Work: (1) Study of ichthyofauna (esp. Cobitoidea and Cypriniformes) of South and South-East Asia, (2) Fishdetermination Service of all freshwater aquarium fishes in friendly cooperation with leading ichthyologist (3) field

studies 1992, 1998 in Sri Lanka, in 1997 in Turkey, 1999 in Indonesia, 2000 in Morocco, 2001 planned for Malaysia; (4) preparation of monograph "Suesswasseraquarienfische der Insel Sri Lanka - Ichthyology, Ecology, Aquaristics). Published work: (See my homepage: <http://www.go-publishing.de.vu>). Book on "Loaches" (Cobitoidea), see: <http://www.tetra-verlag.de>

OYAKAWA, OSVALDO T. Museu de Zoologia, Universidade de São Paulo (MZUSP), Caixa Postal 42594, São Paulo, SP, 04299-970, BRASIL. E-mail: oyakawa@usp.br

Current work: (1) BIOTA/FAPESP Project on the fish diversity of the headwaters and streams of the Rio Ribeira de Iguape Basin in the State of São Paulo, Brazil; (2) phylogenetic relationships of the families Erythrinidae and Lebisinidae (Pisces: Characiformes); (3) taxonomic revision of *Hoplias* of the *macrophthalmus* group (Pisces: Characiformes: Erythrinidae); (4) Two new species of Family Lebiasinidae (Pisces, Ostariophysi, Characiformes) from Northern Brazil (w/ J. Zuanon [INPA/CPBA] and J. C. Nolasco [MZUSP]); (5) Review of the genus *Astyanax* (Teleostei, Characiformes) from Rio Ribeira de Iguape Drainage, Southeastern Brazil (w/ V. Garutti [UNESP-São José do Rio Preto, SP]); (6) Review of the genus *Hypostomus* Lacépède, 1803 from Rio Ribeira de Iguape Basin, with description of a new species (Pisces, Siluriformes, Loricariidae) w/ A. Akama [MZUSP]; (7) a phylogenetic study and revision of *Harttia* (Siluriformes: Loricariidae) (w/L. Rapp Py-Daniel [INPA/CPBA]).

OZOUF-COSTAZ C. Ingénieur de Recherches au CNRS, CNRS IFR 1541, Institut de Systématique, Muséum national d'histoire Naturelle, 43 rue Cuvier, 75231 PARIS Cedex 05, France. Tel (33 (0)1 40 79 37 54), FAX (33 (0)1 40 79 37 71), E-Mail ozouf@mnhn.fr.

Current work: Classical and molecular cytogenetics on marine and freshwater fish. Mostly: Antarctic fish suborder Notothenioidei (In coll. with E. Pisano, Univ. Genova, Italy) for systematic and phylogenetic purposes; model pufferfish *Tetraodon nigroviridis* (in coll. with GENOSCOPE, Evry France) for physical cartography, mapping of gene families, transposon-like sequences localization etc; freshwater perciform fish (i.e. *Cottus gobio* and *C. petiti*) in coll. with H. Persat, Lyon for systematics and population identification; freshwater Siluriform (Clariid fish), in coll. with L. Orban, Singapore, for sex specific markers; Cichlidae (Tilapia) in coll. with (E. Bezaul) INRA and CIRAD Montpellier for comparative genomic hybridization. Development of fluorescence in situ hybridization (FISH) in fish protocols using various types of molecular probes. Plan to organize training courses or summer schools.

PAEPKE, HANS-JOACHIM. Lennéstrasse 14 b, D-14469 Potsdam, GERMANY. Tel.: +49-331-963071.

As pensioner and voluntary cooperater in the fish collection of the Museum für Naturkunde der Humboldt-Universität zu Berlin, I am still working there once a week on several projects.

PAIXÃO, ANDREA C. Graduate student, Seção de Peixes do Museu de Zoologia da Universidade de São Paulo. Av. Nazaré, 481, CEP 04263-000, São Paulo, SP, Brazil. Tel: 055xx11 6165-8119 Fax: 055xx11 6165-8113. Email: paixão@yahoo.com.br

Current work: Systematic revision of *Lamontichthys* (Ostariophysi, Loricariidae) as part of my Master's Dissertation under supervision of Dr. Monica Toledo-Piza.

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

Current research: Projects continue on the systematics and biogeography of freshwater, coastal and marine fishes from the Indo-Australian Archipelago, particularly northwestern Borneo, and development of the use of gonad (w/ Harry Grier) and nerve (w/ Jiakun Song) characters in systematic ichthyology. Harry and I will summarize our results to date for atherinomorphs and putative close relatives at the Second International Symposium on Viviparous Fishes to be held in Mexico, March 2002. Work has been completed on the translated, revised and updated version of Ecology of the Marine Fishes of Cuba (Rodolfo Claro, Ken Lindeman and L.R. Parenti, eds.), to be published at the end of this year by SI Press.

PARENTI, PAOLO. Assistant Professor, Department of Environmental Sciences, University of Milano-Bicocca, P.zza della Scienza 1, 20126 Milano, ITALY; paolo.parenti@unimib.it. Tel +39-02-6448 2752; Fax +39-02-6448 2796.

Current work: (1) Annotated checklists of fishes; (2) studies of Labridae; (3) studies of Molidae; (4) taxonomic status of the fishes described in Latin language, especially Walbaum, Gmelin and Zuiw.

PAXTON, JOHN R. Research Fellow, Australian Museum, 6 College St., Sydney, N.S.W. 2000, AUSTRALIA. Tel. 61 2 9320-6139, Fax 61 2 9320-6059, email johnp@austmus.gov.au

Current work: (1) Larvae and juveniles of the whalefishes *Barbourisia* and *Rondeletia* (Barbourisiidae; Rondeletiidae) (w/G.D. Johnson & T. Trnski; in press) (2) Zoological Catalogue of Australia, Pisces, Part 2 (w/D.F. Hoese & G.R. Allen; submitted); (3) a new species of the deepsea whalefish genus *Cetomimus* (Cetomimidae), with a key to the described species (w/T. Trnski); (4) 5 family accounts of cetomimoid fishes for the FAO Western Central Atlantic Identification Guide (2 w/T. Trnski); (5) revision of the whalefish genera *Gyrinomimus* and *Cetomimus* (Cetomimidae); (6) threatened marine fishes of Australia (w/J. Pogonoski & D. Pollard; submitted); new species of *Neoscopelus* (Neoscopelidae) (w/M. McGrouther). [Families 178, 237, 238, 251, 252, 253]

PAVANELLI, CARLA S. Curator of fishes, Núcleo de Pesquisas em Limnologia, Ictiologia e Aquicultura, and professor, Curso de Pós-Graduação em Ecologia de Ambientes Aquáticos Continentais, Universidade Estadual de Maringá, Av. Colombo, 5790, 87020-900 Maringá, Paraná, BRAZIL. Tel. +55-44-261-4632 and 261-4750; Fax +55-44-263-1424; E-mail carlasp@nupelia.uem.br

Current work: (1) On the *Apareiodon* from the Tocantins-Araguaia system, with description of three new species (w/H.A. Britski); (2) check list of freshwater fishes from South and Central America (CLOFFSCA) – family Parodontidae and family Characidae, in part; (3) check list and handbook to identification of Rio Corumbá fish species (w/H.A. Britski, G.S. Avelino, A.P. Vidotti & W.J. Graça, in part); (4) morphometrical characterization and electrophoresis of upper Rio Paraná *Hypostomus* species (w/C.H. Zawadzki & E. Renesto, in part); (5) temporal and spatial ichthyofaunistic distribution on two streams from the upper Rio Paraná basin (w/E.P. Caramaschi); (6) characterization of the species of some small reservoirs of State of Paraná, Brazil (w/ H.A. Britski); (7) description of a new *Astyanax* species from the Rio Mourão, upper Rio Paraná basin (w/H.A. Britski); (8) characterization of two *Bryconamericus* species from the Rio Iguacu basin for a work regarding to their diet (w/N.S. Hahn & M.R. Russo); (9) morphological characterization of the ichthyofauna from the Rio Corumbá basin (w/H.A. Britski); (10) characterization of the cultivated fish species from the State of Paraná, Brazil (w/S. Verissimo); (11) systematic of the cultivated fish species from the Southern Brazil (w/R.P. Ribeiro); (12) morphological characterization of eggs, larvae and adults of some cultivated fish species from Brazil (w/K. Nakatani et al., in part); (13) on the distribution of *Astyanax altiparanae* (w/W.J. Graça); (14) phylogenetic relationships among endemic species of *Astyanax* from Rio Iguacu, inferred by mitochondrial DNA and RAPD markers (w/S.M.A. Prioli, J.A. Prioli, H.F. Júlio Jr. and L.M. Prioli, in part); (15) occurrence of *Astyanax altiparanae* in the Rio Iguacu basin, as evidenced by RAPD markers (w/S.M.A. Prioli, J.A. Prioli, H.F. Júlio Jr., L.M. Prioli & A.V. Oliveira, in part).

PEQUEÑO, GERMAN. Titular Prof. & Dir. Instituto de Zoología "Ernst F. Kilian", Universidad Austral de Chile, Casilla 567, Valdivia, CHILE. Fax 56-63-221315; e-mail gpequeno@uach.cl

Current work: (1) Studies on fishes of the oceanic islands of the South Eastern Pacific; (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) 320-3500 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*, and *Hemipsilichthys*) for my Doctoral dissertation; (2) finishing a taxonomic revision of genus *Hemipsilichthys* (Siluriformes, Loricariidae) (w/R.Reis); (3) taxonomic revision of genus *Kronichthys*; and (4) revision of *Delturus* and *Hemipsilichthys* with the proposition of a new loricariid subfamily (Siluriformes) (w/R.Reis and J. Armbruster).

QUERO, JEAN CLAUDE. Muséum d'histoire naturelle de La Rochelle, 28 rue Albert 1er, 17000 La Rochelle. FRANCE. Tel 33 (0)5 46.41.18.25; Fax 33 (0)5 46.50.63.65; E-mail mhnreconservation@wanadoo.fr

Current work: (1) A guide of the fishes of the European Atlantic (36°N-66°34'N, Atlantic European coast -25° W) Keys, diagnostics, drawings of 950 species, colour plates (March 2002); (2) study of the rare fishes from European Atlantic.

RAMOS, ROBSON T. C. Departamento de Sistemática e Ecologia, CCEN, Universidade Federal da Paraíba Caixa Postal 5061, João Pessoa, PB,

BRASIL 58051-970. Tel. +55 83 216 7767; Fax: +55 83 216 7464 E-mail: robtamar@dse.ufpb.br

I continue my work on systematics of Achiridae (Pleuronectiformes); the review and phylogeny of Apionichthys and related genera was completed; I'm working on description of one species of *Trinectes* and other new one of *Achirus*; still working on the phylogeny of achirid genera; a family account and checklist of Achiridae for CLOFFSCA (Checklist of the Freshwater fishes of South and Central America) was completed; also a checklist of marine and freshwater Brazilian Achiridae for the "Catálogo de Peixes Marinhos e de Água Doce do Brasil" (PRONEX); description of one new species of *Emblemaria* was completed (w/ L. Rocha); working together Ricardo Rosa on a headwater survey of some northeastern Brazilian rivers for the project "Diversidade da ictiofauna do Nordeste brasileiro".

RANDALL, JOHN E. Senior Ichthyologist Emeritus, Bishop Museum, 1525 Bernice St., Honolulu, HI 96817-2704, U.S.A. Tel (808) 235-1652; Fax 808 847-8252; E-mail: jackr@hi.net.

Current work: Indo-Pacific Fishes no. 32, a revision of the surgeonfish genus *Ctenochaetus* by Randall and Clements and IPF No. 33, a revision of the snake eel genus *Brachysomophis* by McCosker and Randall have been printed. No. 34 on the scorpionfish genus *Scorpaenopsis* by Randall and Eschmeyer has been sent to the printer. No. 35 on the cardinalfish genus *Archamia* (Gon and Randall) has been reviewed and will be ready for publication shortly. Order forms for these new numbers will be sent to all subscribers. Anyone wanting to order these publications or wishing to subscribe to the series should contact Loreen O'Hara at Bishop Museum (e-mail: lorio@bishopmuseum.org) or me at the above e-mail address. A manuscript with Daphne G. Fautin on fishes other than anemonefishes that associate with sea anemones was submitted to Coral Reefs, and one on a hybrid triggerfish with Robert F. Myers and Richard Winterbottom has been submitted to Aqua. The writing of a large book on the reef fishes of the South Pacific is still in progress, with the expectation to be finished by next March. A paper on three new genera of cirrhitid fishes was just published in Zootaxa, an online journal in New Zealand; it is available as an electronic copy, so send a request by mail or e-mail to me. My book Surgeonfishes of the World (80 species, 128 pages, nearly 200 color figs.) is in press. A discount price is planned for ASIH members.

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

Current work: (1) Revision of *Delturus* and *Hemipsilichthys* and proposition of a new loricariid subfamily (Loricariidae, Siluriformes) (w/Jon Armbruster & Edson Pereira); (2) revision of the hypoptopomine genus *Eurycheilichthys*, with the descriptions of six new species (Loricariidae, Siluriformes); (3) various papers on descriptions and phylogenetic relationships of diverse new loricariid taxa (Loricariidae, Siluriformes) (w/ diverse co-authors); (4) description of various new species of *Gymnogeophagus* (Cichlidae, Perciformes) and reassessment of their phylogenetic relationships (w/ Luiz Malabarba); (5) revision of the genus *Callichthys* (Callichthyidae, Siluriformes) (w/ Pablo Lehmann); (6) edition of CLOFFSCA - Check List of Freshwater Fishes of South and Central Americas (w/ Sven Kullander & Carl Ferraris); and (7) edition of the RedBook of endangered animals of Rio Grande do Sul State.

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

Current work: (1) Scanning electron microscope studies on surfaces and micropyles of native, Antarctic and tropic fish eggs with special reference to their systematic significance; (2) comparative studies on the ultrastructure of egg envelopes in different teleost families, especially cyprinids, cichlids and characoids; (3) finished comparative studies on the eggs and reproductive behaviour of *Aulopyge huegeli* and four German and Austrian *Gobio* species (w/R. Bless); (4) finished a symposium-volume on "Behaviour of Aquariumfishes, vol. 2" (w/H. Greven), which will appear in spring 2002; (5) studies on the stickiness of egg envelopes in economically important fish species (cyprinids, esocids, percids).

ROJAS, RODRIGO. Ichthyologist of Wildlife Management Program, National University (Heredia). P.O.Box 20-4200 Naranjo, Alajuela, COSTA RICA. Email rrojasm@icelec.ice.go.cr

Current work: (1) A study of ichthyofauna of Sarapiquí watershed (Caribbean coast); (2) feeding ecology of *Mustelus dorsalis* (Triakidae) in Nicoya Gulf, Costa Rica; (3) reproduction of *Mustelus dorsalis* (Triakidae) in Nicoya Gulf, Costa Rica; (4) feed habits of spotted snapper *Lutjanus guttatus*

(Lutjanidae) of Los Cobanos, El Salvador; (5) spawning season of spotted snapper *Lutjanus guttatus* (Lutjanidae) of Los Cobanos, El Salvador. (6) biogeography of fishes of the family Serranidae from Chilean waters : a history of vicariance and dispersion (w/G. Pequeño); (7) works in press: Revisión taxonómica de las subfamilias Epinephelinae y Serraninae de Chile. (Rev. Biol. Trop.49 (1): 155-169) (w/G. Pequeño); (8) size and distribution of *Pandarus satyrus* (Copepoda: Pandaridae) parasite of blue shark *Prionace glauca* (Carcharhinidae) in Costa Rica. Rev. Biol. Trop. 49 (1): 197-199 (w/O. Rodríguez & A. Morales). We need contact with colleagues or students who are interested in carrying out studies on ecology of sharks and rays in Costa Rica and also in Central America and we would like to contact teachers who want to further develop the marine education (using fishes) in Costa Rica.

ROSA, RICARDO S. Professor, Dept. Sistemática e Ecologia, Universidade Federal da Paraíba, 58059-900 João Pessoa PB, BRAZIL. Tel (55) 83-216-7765; FAX (55) 83-216-7464; Email rrosa@dse.ufpb.br

Current work: (1) Study of the ichthyofauna of Barra de Mamanguape protected area in NE Brazil, including freshwater, marine and estuarine ecosystems; (2) revisionary study of Neotropical freshwater stingrays (Potamotrygonidae), including description of new forms, in collaboration with M.L. Goes de Araujo, P. Charvet Almeida, M. Carvalho, N. Lovejoy and H. Ishihara; (3) study of morphologic variation in *Bathygobius* species from NE Brazil, in collaboration with E. Freitas; (4) preparation of catalogues of freshwater, marine and estuarine fishes from NE Brazil; (5) preparation of a list of endangered fish species in Brazil.

SABAJ, MARK H. Collection Manager, Dept. of Ichthyology, The Academy of Natural Sciences, 19th & the Parkway, Philadelphia, PA 19103, U.S.A.. Tel (215) 299-1026; FAX (215) 299-1028; E-Mail sabaj@discovery.acnatsci.org

Current work: (1) Recently completed manuscript checklist of Doradidae (w/C.J. Ferraris) for CLOFFSCA; (2) continuing revision of fimbriate-barbel doradids (*Nemadoras*, *Trachydoras*, *Doras*, *Hassar*, *Opsodoras*, *Hemidoras*, *Anduzedoras*, *Leptodoras*) for doctoral thesis under advisement of Dr. Larry Page (preliminary key available upon request); (3) continuing taxonomic studies of *Amazonsprattus* (Engraulidae) (w/J.W. Armbruster); (4) compiling checklist and image database of fishes of Peruvian Amazon; (5) beginning taxonomic revision of doradid genera *Playtdoras* and *Amblydoras*.

SAKAMOTO, KAZUO. Research Associate, Dept. of Zoology, University of Japan, Univ. of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113-0033, JAPAN. Tel 81-3-5841-2840; Fax 81-3-5841-8451.

Current research: Systematics of both Recent (w/M. Aizawa & H. Senou) and fossil (w/T. Uyeno & N. Micklich) flatfishes; investigating the origin of Japanese common names for fishes. Main work is as the director of the Tsukiji Fish Information Center and Museum (Tel 81-3-3547-8824; Fax 81-3-3545-4415).

SALCEDO, NORMA J. Master Student, Dept. de Ictiología, Museo de Historia Natural, Universidad Nacional Mayor de San Marcos, Aptdo. 14-0434, Lima 14, PERU. Tel (511) 4704471; Fax (511) 265 6819; E-mail normasalcedo@hotmail.com

Thesis project: Phylogenetic analysis of the genus *Chaetostoma* Tschudii, 1845, emphasis on Peruvian species. Advisor: Ms. Victor Pacheco. Expected completion date: May 2002. Papers in preparation: (1) Description of a new species of *Chaetostoma* (Loricariidae), from central Peru; (2) description of a new species of *Cetopsorhamdia* (Pimelodidae), from southwestern Peru.

SANTINI, FRANCESCO. Graduate student, Department of Zoology, University of Toronto and Centre for Biodiversity and Conservation Biology, Royal Ontario Museum, Toronto, Ontario, M5S 2C6, CANADA. Tel (416)586-8073; Fax (416)586-7921; E-Mail fsantini@rom.on.ca.

I am planning to complete my Ph.D. at the University of Toronto under the supervision of Dr. Richard Winterbottom by early 2002. Recently completed work, for which papers are in preparation or have already been submitted, includes: revision of the fossil material of Tetraodontiformes from the Eocene of Monte Bolca (Italy), with description of three new species (and two new families) and comments on related tertiary taxa; phylogenetic analysis of the relationships between selected modern and fossil tetraodontiform taxa; phylogeny of the extant species of Triacanthidae; phylogeny of the Recent Molidae, all these projects with Dr. James Tyler, NMNH; analysis of the historical biogeography of Indo-Western Pacific coral reef fauna, with Dr. Winterbottom. Current and future work: (1) phylogeny and historical biogeography of Triacanthodidae (Teleostei, Tetraodontiformes), with description of a new species; (2) with Dr. Tyler phylogeny of extant and fossil taxa of Zeiformes and Caproiformes, and inter-relationships of the Zeomorpha with other major clades of Acanthomorpha; (3) investigation of the

relationships between regulatory genes (Hox) and skeletal morphology in tetraodontiform families.

SCHELLY, ROBERT C. Graduate Student. American Museum of Natural History, Department of Ichthyology. Central Park West at 79th Street, New York, NY 10024 USA. Phone: (212) 769-5768, Fax: (212) 769-5642.

Current work: (1) Phylogenetics of the *Lamprologini*, a tribe of cichlids from Lake Tanganyika, East Africa, based on morphology and molecules; (2) testing various hypotheses for interrelationships of atherinomorphs using molecular characters.

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

Current work: (1) Systematics of *Cichlasoma* (Cichlidae); (2) comparative osteology of *Heros* (Cichlidae); (3) taxonomy of *Pterophyllum scalare* (Cichlidae) (w/H.-J. Paepke).

SCHMITTER-SOTO, JUAN JACOBO. Curator of Fishes, El Colegio de la Frontera Sur (ECOSUR), Apdo. Postal 424, MX-77000 Chetumal, Quintana Roo, MEXICO. Tel. (983)8321666 ext. 254; Fax (983)8321666 ext. 240; E-Mail jschmit@ecosur-qroo.mx

Current work: (1) Just finished report on fishes of Chetumal Bay, with data on ichthyoplankton and parasite helminths; working on its publication (w/Pimentel-Cadena, Herrera, Vásquez-Yeomans & Monks). (2) still analyzing data (1995-1999, just before a large coastal tourism development took off) on distribution and abundance of reef fishes in southern Quintana Roo (w/Aguilar-Perera); (3) still working on new Cichlidae and Poeciliidae from Quintana Roo and El Petén, Guatemala (w/S. Contreras-Balderas); (4) M.Sc. student Ninel García-Téllez finishing work on conservation status of *Epinephelus itajara* (Serranidae) in the Mexican Caribbean; (5) M.Sc. student Silvia Avilés-Torres finishing work on community structure of fishes of small coastal lagoons in southern Quintana Roo; (6) M.Sc. student Roberto Barrientos working on a revision of "*Cichlasoma*" *urophthalmus* and its nominal subspecies; (7) M.Sc. student Adán Caballero working on fishes of Chakmochuch Bay, near the limit between the Gulf of Mexico and the Caribbean Sea, in northeastern Yucatan Peninsula.

SCHULTZE, HANS-PETER. Director, Museum fuer Naturkunde, and Chairman, Institut fuer Palaeontologie, Museum fuer Naturkunde, Humboldt Universitaet, Invalidenstr. 43, D-10115 Berlin, GERMANY. Tel (xx49) 30-2093-8864; Fax (xx49) 30-2093-8868; E-Mail hans-peter.schultze@rz.hu-berlin.de

Current work: (1) Acanthodii from the Lower Devonian of Arctic Canada (w/S. Cumbaa); (2) Palaeonisciforms from the Carboniferous of Utah (w/M. Dorka); (3) Middle Devonian fish fauna from Ellesmere Island (w/M. Otto); (4) Cyclicity in Late Carboniferous lungfish bones (w/R. Soler-Gijon).

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

Current work : (1) Taxonomy of the Indo-Pacific chondrichthyans with various colleagues (P. Last, K. Nakaya, M. Carvalho, D. Didier, etc.); (2) analysis of the stomach contents of pelagic predators (tunas and sharks) with the IRD tuna fishery team; (3) edition of the proceedings of the 4th European Elasmobranch Association meeting held in Livorno (Italy) in September 2000, with M. Vacchi, G. la Messa & F. Serena; (4) co-editor of *Cybium*, journal of the French Ichthyological Society; (5) chair of "ElasmoFrance", the shark group of the French Ichthyological Society and editor of the newsletter "ElasmoScope"; (6) management of the collection and studies on the deep sea bony fishes from New Caledonia. Projects: Deep trawling cruise off Taiwan (thanks to the courtesy of Prof. T.S. Shao); deep trawling and long-lining of Loyalty Islands (New Caledonia) for deep water chondrichthyes; FAO catalogue of the batoids of the world with L.J.C. Compagno, P. Last & J. McEchran (+ other collaborators); international trawling cruise in the SW Pacific (w/C.R. Roberts & P. Last).

SHAO, KWANG-TSAO. Research Fellow and Director. Institute of Zoology, Academia Sinica, Nankang, Taipei, Taiwan, REPUBLIC OF CHINA. Tel 886-2-27899500(O), 27899545, 27899556, 27887330(Lab.) Fax: 886-2-27899503(O), 27883463(Lab.); E-mail: zoskt@gate.sinica.edu.tw

Current work: (1) Fauna, distribution and database of fishes in Taiwan and South China Sea; with emphasize on the estuary (mangrove) and deep-sea fishes in the future 2-3 years; (2) identification of fish eggs by using molecular EM or light microscopy, especially on lizardfish and parrotfishes (w/J.P. Chen., R.S. Wu & H.C. Shih); (3) larval fish using light trap (w/L.S. Chen); (4) phylogeographic study of reef fishes in East Asian region

(w/J.P. Chen); (5) organizing 7th IPFC in Taipei in May 2005. All are welcomed.

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Current work: (1) Type catalog of Indo-Pacific Muraenidae, with the late E.B. Böhlke; (2) Review of the species of *Ariosoma* (Congridae) in the western Indian Ocean, with U. Zajonz; (3) species accounts for book on fishes of the western Indian Ocean (Heemstra & Randall, eds.); (4) descriptions of various new species; (5) continuing studies on larval fishes at Carrie Bow Cay, Belize, with C. C. Baldwin.

SPRINGER, VICTOR G. Curator, Div. Fishes, MRC-159, Museum of Natural History, Smithsonian Inst., Washington, D.C., 20560-0159, U.S.A. E-Mail springer.victor@nrmh.si.edu; Tel (202) 357-3305; Fax 202-357-2986.

Current work: (1) Study of the dorsal gill-arch musculature of fishes (w/G.D. Johnson & K. Darrow); (2) systematics of the blennioid fish genus *Ecsenius*; (3) marine organismal distribution patterns in the Indo-Pacific.

STEHMANN, MATTHIAS F.W. Institut für Seefischerei, Bundesforschungsanstalt für Fischerei, Palmaille 9, D-22767 Hamburg, GERMANY. Email 106241.1657@compuserve.com; Tel +49-40-38905217; Fax +49-40-38905263.

Current work: The EU research project DELASS (Development of Elasmobranch Assessment) with 16 partners of 10 European countries is well on the way. After the intermediate project meeting in Concarneau at end of April, all relevant data at ISH of the past 25 years research cruises in the North Sea were entered in a database and will be available for the project's other task groups by November. During 2003, assessment approaches will be made, the results being presented with the final report by end of 2003. Went for six weeks professional trips in May/June to South America again for further work in Brazil on the *Myliobatis* Project at University Rio Grande with C. M. Vooren, who will visit me in Nov./Dec. in Hamburg for elaborating the draft manuscript. Second part of this trip took me to Mar del Plata again for preparing the draft field guide to the merluza bycatch fish fauna with Martin Ehrlich at the INIDEP national fishery institute of Argentina. Another field guide to the mainland Portugal skate fauna has been prepared with partners of the IPIMAR institute in Lisbon for publication soon. Yet another field with ICRAM Rome to the Italian skate fauna has been prepared for publication in 2002. The description of a new species of *Torpedo* from the Gulf of Aden by Carvalho, Stehmann & Manilo is in press at Am. Mus. Nov. The odontology series with Herman & Hovestads has been continued with the issue on holocephalans in 2001 and will be finished in 2002 with the final contribution on Torpediniformes. Will be in charge of the ISH Greenland survey this year for six weeks in October/November for monitoring cod and redfish stocks and obtaining data on the fish faunal composition as part of a long-term data series. My early retirement comes closer, with my leaving ISH to be expected by end of April 2002. Will restart working then in elasmobranch taxonomy research as a freelancer on private basis. Part of that will be a proposal to be submitted in 2002 with two Argentinean partners for a three years project 2003-2006 to be carried out in Argentina, where in case I will mainly work during that period. Will distribute information in time about my future address etc.

STEIN, DAVID L. Senior Mar. Biologist, NOAA/OAR R/OSS3, 1315 East West Highway Rm 11805, Silver Spring, MD 20912, U.S.A. Tel (301) 713-2465 ext 118; Fax (301) 713-0158; E-mail david.stein@noaa.gov

Current work: (1) Descriptions of 13 new species of *Pseudon* (Liparidae) (w/N. Chernova); (2) description of a new species of *Liparis* from the northeastern Pacific littoral (w/C.E. Bond); (3) description of liparids from the Galapagos Islands (w/N. Chernova). I will be working at the Zoological Institute of the Russian Academy of Sciences in St. Petersburg from 11 December to 3 January 01.

STEPIEN, CAROL A. Director, Great Lakes Environmental Genetics Laboratory and Research Professor, Cleveland State University, Center for Environmental Science, Technology and Policy, 1899 East 22nd Street, MC 219, Cleveland, Ohio 44114-4434, U.S.A. Tel (216) 523-7311; Fax (216) 687-5393; E-Mail c.stepien@csuohio.edu research on web site at <http://www.csuohio.edu/cestp/glegl/glegl.html>

Current work: (1) Phylogeography, population genetics, and systematics of Percidae; especially walleye *Stizostedion*, perch *Perca*, and ruffe *Gymnocephalus* based on nuclear and mitochondrial DNA sequences and microsatellite analysis; (2) evolutionary and systematic relationships of the "extinct" blue pike *Stizostedion glaucum*: a comparison with walleye *S. vitreum* based on nuclear and mitochondrial DNA sequences, microsatellite markers, and morphology (collaborative work with Dr. Miles Coburn and

Dr. Ted Cavender); (3) evolution, systematics, phylogeography, and population genetics of the Blennioidei and their allies based on nuclear and mitochondrial DNA sequences (collaborative work with Dr. Peter Wirtz); (4) genetic characterization, population divergence, and relationships of nonindigenous fish introductions in the Great Lakes, including the round goby *Neogobius melanostomus*, the tubenose goby *Proterorhinus marmoratus*, and the ruffe *Gymnocephalus cernuus* based on nuclear and mitochondrial DNA sequences and microsatellite markers.

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 gestringer@ulm.edu

Current work: Fish otoliths from paleontological and archeological sites continue to be the central theme of research and study. Graduate student Tiffany Green is nearing completion of her study of otolith-based fishes and paleoecology of the Upper Eocene Moodys Branch Formation in Louisiana and Mississippi. Casey Strickland, another graduate student, has initiated a study of otoliths from Archaic archeological sites in north Louisiana and their utilization in paleoenvironmental interpretations. Graduate student Lorin King is making progress on his study of marine coprolites (shark and fish) from the Upper Eocene Yazoo Clay in Louisiana (he now has 400 specimens). The manuscript with Henri Cappetta (Laboratoire de Paleontologie, Montpellier, France) on a new genus of mobulid ray from the Eocene of Louisiana has been completed and submitted to *Tertiary Research*. Preliminary results of otolith studies from the Plum Creek archeological site (6000 years old) in northeastern Louisiana and from the Conly archeological site (7500 years old) in northwestern Louisiana were presented at the 27th Annual Meeting of the Louisiana Archaeological Society, Northwestern State University, Natchitoches, Louisiana.

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Current work: (1) A phylogenetic analysis of the subfamily Amphiprioninae (family Pomacentridae) based on morphological characters; (2) a phylogenetic analysis of the relationships among the subfamilies of the family Pomacentridae based on morphological and molecular characters; (3) a descriptive osteology of the damselfish species, *Amphiprion ocellaris*.

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My research continues under Dr. K. Fujita centering on a comparative osteological study (and some morphology) of the larval development in Japanese domesticated goldfish varieties (comet, ryukin, ranchu, tosakin, jikin, nankin, demekin, etc.), *Carassius a. auratus* var. as well as congeners ('funa') from Japan, especially 'ookinbuna' *Carassius b. buergeri* (probably the root of the Japanese 'funa') and sympatric 'nagabuna' *Carassius* sp. Other long-term projects include: (1) Goldfish genetics, especially of pigment patterns, finnage, eye types, and body shapes; (2) Use of antioxidants to stabilize life colors in preserved fish specimens; (3) Determination of variations (paper, ink, etc.) in folios of Temminck and Schlegel's 'Pisces' volume in the von Siebold 'Fauna Japonica' series to determine which pages and plates compose a single folio, and to date them.

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Current work: (1) Study of the ichthyofauna of Cameroon, Gabon and Congo-Brazzaville (w/M.L.J. Stiassny & C.D. Hopkins); (2) revision of *Brienomyrus* (Mormyridae) (w/C.D. Hopkins); (3) revision of Southeast Asian Clariidae; (4) karyology of Clariidae catfishes (w/M.Parent); (5) phylogeny of Clariidae (w/J.F. Agnèse & D. Adriaens); (6) conservation studies on ichthyofauna in Côte d'Ivoire (w/T.Kone, P. Kouamelan, V.N'Douba); (7) ichthyofauna of the Niger Delta in Nigeria (w/R.P. King); (8) Ichthyofauna of Benin (w/Ph.Laleye). Student work (Ph.D.): R. Gustiano – systematics of Pangasiidae; S. Devaere – revision and comparative anatomy of anguilliform Clariidae; J.D. Mbega – taxonomy and ecology of Lower Ogowe (Gabon) fishes; T.Gaethofs – Revision of *Barbus* (Cyprinidae) from the Congo Basin.

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Current work: (1) The revisionary study of the Neotropical characid genus *Chalceus* (w/A. Zanata) is progressing and we hope to have it completed during early 2002; (2) I have started a phylogenetic study of the Neotropical

characiform family Acestrorhynchidae; (3) another ongoing project includes the systematics of the Heterocharacini (Characiformes: Characidae). The book on Alfred Russel Wallace's "Fishes of the Rio Negro" is currently in press and is scheduled to come out between late 2001 and early 2002.

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Current work: Behavioral ecology of Caribbean blennies of the genera *Emblemariopsis* and *Acanthemblemaria* (w/R. Clarke); a new species of *Emblemariopsis* from Carrie Bow Cay, Belize (w/D.M. Tyler); ichthyofaunal survey of the Pelican Cays, Belize (w/C.L. Smith et al.); phylogenetic analysis of tetraodontiform families, including relevant fossil taxa (w/F. Santini); phylogenetic analysis of basal fossil zeiforms (w/F. Santini); redescription and systematics of fossil zeiforms and caproids (w/S. Baciú & A. Bannikov); congruence of fossil and Recent zeiform and tetraodontiform otolith morphology with phylogeny based on osteology of Recent species (w/D. Nolf); redescription and relationships of the incertae sedis acanthuroid *Gazolachthys* from the Eocene of Monte Bolca, Italy; review of earliest fossil monacanthids, from the Pliocene of Italy (w/C. Sorbini); review of Pliocene fossil tetraodontids from Italy (w/C. Sorbini); review of the Eocene gasterosteiform family Aulorhamphidae; revision of the Caribbean species of the clingfish genus *Tomicodon*, including several new species (w/J. Williams).

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Current work: A list of published articles about all genera and species of cichlid fishes in aquaristic books and magazines in the year 2000.

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Current work: (1) Deep demersal and midwater fishes of the Canary Islands (w/ F. Bordes, R. Castillo, P. Lorange, T. Moreno, R. Wienerroither & J.G. Nielsen). The mesopelagic fish collection of several cruises has now been made available for study at ZMUC (see also General Announcements); (2) species composition and behavioural analysis of demersal deep-sea fishes in the Bay of Biscay (NE Atlantic) based on submersible videos (w/ P. Lorange & D. Latrouite). A joint ROV cruise with IFREMER is scheduled for 2002; (3) phylogeny of *Neobythites* with special emphasis on the evolution of eyespots and colour patterns in this ophiidid genus (w/ J.G. Nielsen & W. Schwarzthans). A research stay in Copenhagen is planned for summer 2002; (4) morphological comparison among *Ceratostomus* populations (Myctophidae) from several different areas (e.g., Eastern Central Atlantic, Gulf of Mexico, SW Pacific, NE Indian Ocean) (w/ T. Sutton, R. Wienerroither & J.G. Nielsen). This topic shall also be part of a PhD thesis of my student Rupert Wienerroither; (5) continuation of the research program on status and conservation of European grayling, *Thymallus thymallus* (Salmonidae) and other endangered riverine fishes in Austrian waters (w/ T.Friedl, W. Honsig-Erlenburg, A. Jagsch, B. Schmall and S. Weiss); (6) coordination work for fish ecological and systematic studies in the Census of Marine Life Project "MAR-ECO" featuring the ecosystems along the Mid-Atlantic Ridge (w/ O.A. Bergstad et al.)

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Current work: (1) Describing Oligocene *Hemipristis* from Japan; (2) compiling a work on the jaws of Japanese fishes; (3) describing an Upper Cretaceous *Ischyodus* sp. from Fukushima Pref., Japan; (4) developing an atlas of scales of Japanese fishes.

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Current work: Research associated with the revisionary and phylogenetic study of the Characiform family Prochilodontidae (w/R.M.C. Castro) is completed and the manuscript is being completed. The parallel phylogenetic and revisionary studies of the South American siluriform family Cetopsidae (w/C.J. Ferraris & M.C.C. de Pinna) continued during the year and we hope to complete both manuscripts during the up coming year. A paper dealing with two Argentinian *Trichomycterus* species (w/L. Fernandez) is in review. Family accounts for the family Curimatidae, Ctenoluciidae, Prochilodontidae (w/R.M.C. Castro), Chilodontidae (w/S.J. Raredon), Cetopsidae (w/C.J. Ferraris), and the characiform genera *Creagrutus* and *Piabina* were completed for the Checklist of the Freshwater Fishes of South and Central America.

Other projects include an analysis of the *Astyanax* species (Characiformes) of the upper Rio Paran basin (w/R.M.C. Castro), the redescription of the characiform genus *Henochilus* and an analysis of its relationships (w/R.M.C. Castro & F. Veira), a phylogenetic analysis of relationships within the characiform family Anostomidae, studies of West African distichodontid characiforms, a revisionary study of the South American catfish genus *Hypophthalmus* (w/C.J. Ferraris), and studies of the *Moenkhausia crienejes* (Characiformes) and possible close relatives (w/R. Benine).

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Current work: Collaborator in IRMA-CNR with following European projects: Stocks assessment of some coastal species caught by artisanal fishery” (SACS), project no. 96/054; fish aggregating device (FAD) fisheries in the Eastern Mediterranean: An alternative technique to enhance pelagic fish catches and diversify effort?”; MAGO I (Mediterranean Anchovy Growth and Oceanography); the Sicilian Channel anchovy and the underlying oceanographic and biological processes conditioning their Inter-annual fluctuations.

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My interests are in systematics of fishes of the family Liparidae particularly the genus *Liparis*. I am also interested in the Myxiniiformes and the Petromyzontiformes. I am also interested in applying quantitative techniques to systematics. I had accepted a paper with Dr. N. Chernova on the meristics of the genus *Liparis*, a paper on teaching adaptive landscaping and a simulation of complex systems, and a paper on rehydration of dehydrated museum specimens. I am trying to finish a paper on an escape response in *Anoplarchus insignis*. Trying to find a permanent job takes up most of my time.

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Current work: (1) Comparative osteology, osteological development, relationships and systematics of the notothenioid fishes and their relative groups; (2) early life history of the notothenioid fishes.

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Current work: (1) Midwater fishes of the Canary Islands (w/ F. Bordes, R. Castillo, P. Lorance, T. Moreno, J. Nielsen & F. Uiblein); (2) biogeography of lanternfishes (Myctophidae) mostly based on DANA-material; (3) morphological comparisons among populations of widely distributed lanternfishes (Myctophidae) (w/ J. Nielsen, T. Sutton & F. Uiblein).

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Current work: Review of *Helcogramma ellioti* species complex (Tripterygiidae); revision of the *Helcogramma fuscopinna* species complex (Tripterygiidae) (w/J. Howe) must be submitted to another journal as the Revue Francais was discontinued before the paper was published; description of a new species of *Pseudochromis* (Pseudochromidae) from the Philippines (w/T. Gill); revisionary studies on the Indo-Pacific blennioid genera *Alticus* and *Andamia* (Blenniidae); descriptions of new species of *Starksia* (Labrisomidae) from the Caribbean with Julie Mounts; families Blenniidae, Labrisomidae, Chaenopsidae, Tripterygiidae and Dactyloscopidae for the FAO Species Identification sheets for the Western Central Atlantic are in press; family Tripterygiidae (w/R. Fricke) for the FAO Species Identification sheets for the Western Central Pacific is in press; checklist of the fishes of Tonga (w/D.G. Smith & J.E. Randall); description of a new species of *Mahidolia* (Gobiidae) with I-S. Chen; analysis of *Steeneichthys* (Plesiopidae) with R. D. Mooj; descriptions of five new species of *Tomicodon* (Gobiesocidae) from the Caribbean Sea, with J. M. Tyler; checklist of the fishes of Navassa Island, Caribbean Sea, with B. B. Collette, C. Thacker, and M. Smith. I have a manuscript with V. G. Springer in press in Rev. Biol. Trop. on the Eastern Pacific genus *Helcogrammoides* (Tripterygiidae). An expedition to survey the fish biodiversity of Wallis Island, South Pacific, in November, 2000, with C. Chauvet, R. Galzin, L. Wantiez, P. Vanai, and others, was highly successful and yielded excellent collections of shorefishes.

WIRTZ, PETER. Departamento de Oceanografia e Pescas, Cais de S. Cruz, P - 9901 Horta, Azores, PORTUGAL. email peter@dop.uac.pt

Current work: (1) All aspects of the biology of blennioid fishes, in particular ongoing study on molecular taxonomy and phylogeography of blennioids and Pholidichthyidae together with C. Stepien; (2) zoogeography of the area Azores-Madeira-Canary Islands-Cape Verde Islands-Sao Tome. Preparing ms on new records of coastal fishes from Sao Tome and planning another expedition there for August 2002.

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Current work: (1) Revision of the Gerreidae; (2) revision of the Leiognathidae; (3) molecular systematics of the Siganidae (w/M. Adams, South Australia Museum); (4) reviews of the Siganidae, Gerreidae and Leiognathidae for "Fishes of the Western Indian Ocean"; (5) descriptions of new species of Siganidae. As an Honorary Fellow of UNE, I am available to supervise postgraduate students and have been provided with a study and a laboratory in order to continue my research projects. Also involved in consultancies, evaluating quarantine risks associated with the importation of ornamental finfish.

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Current work: (1) PhD Thesis, Phylogeny of Trichomycterinae (Teleostei, Siluriformes, Trichomycteridae) (advisor: M. de Pinna); (2) five new species of *Trichomycterus* (Trichomycteridae – Siluriformes) from the Rio Iguacu (Rio Paraná Basin) Southern Brazil (w/J.C.Garavello); (3) description of two new species of the genus *Trichomycterus* (Trichomycteridae - Siluriformes) from the Rio Paraná Basin and from the head drainage of the Rio São Francisco Basin; (4) a new species of *Listrura* from the State of Paraná, Southern Brazil (Siluriformes, Trichomycteridae, Glanapteryginae) (W/M. de Pinna); (5) relationships of *Ituglanis* and *Scleronema* within the family Trichomycteridae (Teleostei, Siluriformes); (6) Clöffsca, Trichomycteridae Chapter (w/ M. de Pinna).

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Current work: (1) Long-term studies with co-workers on a systematic revision of the ichthyofauna of Gobiodei from China (w/I.-S. Chen, J.-S. Zhong & D.-H. Chong); (2); study on the genus *Odontobutis* of China (w/I.-S. Chen); (3) continue field work on study “Systematic and biogeography of East Asia bitterling fishes” (w/T.Ueda, R. Aria et al.), an expedition in August, 2001 to the Hunan Province, China with T. Ueda and R. Aria was successful and yielded excellent collections of bitterlings.

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Current work: (1) To evaluate the impact of introduced fishes on the indigenous fishes in Erhai Lake, Yunnan, China (w/Dr. Shun-Ping He); (2) To evaluate the impact of hydro-dam constructions on the fishes of Lancangjiang (upper Mekong) (w/Dr. Shun-Ping He); (3) phylogeny and speciation of the indigenous fishes of Erhai Lake, Dali, Yunnan (w/Dr. Xiao-Yong Chen); (4) study on the phylogeny and zoogeography of subfamily Labeoninae (w/Rui-Feng Su); (5) phylogeny and zoogeography of subfamily Cultrinae (w/Ying-Gui Dai).

YABUMOTO, YOSHITAKA Curator, Kitakyushu Museum and Institute of Natural History, 3-6-1 Nishi-honmachi, Yahata-higashi-ku, Kitakyushu 805-0061, JAPAN. Tel 81-93-661-7808; E-mail yabumoto@city.kitakyushu.jp or y.yabu@d3.dion.ne.jp; URL http://www.d3.dion.ne.jp/~y.yabu/yehome.html; Fax 81-93-661-7503.

Current work: Research on Early Cretaceous freshwater fishes in East Asia [Korea, China, and Japan (especially Ishikawa, Gifu Prefectures, and Kitakyushu City, Fukuoka Pref.)]; investigation of Triassic fishes from Yamaguchi Pref., Japan and British Columbia, Canada; research on Cenozoic fishes (including extant species) from around the Japan Sea.

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Current work: (1) Completion (with others) of 'Australian Seafood Handbook - an Identification Guide to Imported Species', due for publication in early 2002; (2) various taxonomic projects on groups including *Squatina*, *Pristiophorus*, *Urolophus*, *Trachinotus*, Rajidae; (3) reprint and minor upgrade of 'Australian Seafood Handbook - an Identification Guide to Domestic Species'.

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Current research: (1) Phylogenetic study of the African members of the family Characidae (under R. Vari direction); (2) taxonomic revision of *Chalceus* (Characiformes: Characidae) (w/M. Toledo-Piza); (3) phylogenetic study of *Brycon* (Characiformes: Characidae).

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Current work: (1) study on Ichthyofauna of Yunnan; (2) study on taxonomy of glyptosternon group in Sisoridae (Siluriformes) and relationship between this group and bio-geography of north-western Yunnan; (3) continue to study on taxonomy and molecular evolution of genus *Pseudecheneis* in Sisoridae (Siluriformes).

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CAS 93298 *Mastacembelus alboguttatus*

INDEX

Mention in individual accounts only (not literature) is indexed in this issue. Please excuse mistakes or omissions. Though outdated, the classification still follows the "Catalog of the Genera of Recent Fishes." Only a taxonomic index is presented; searching can be done on internet gopher on the Academy's WWW site.

MYXINIFORMES:

- 1 Myxinidae: FERNHOLM, MINCARONE, VOGT // MINCARONE (3)

PETROMYZONTIFORMES:

- 2 Petromyzontidae: VOGT // AZPELICUETA ET AL.

Elasmobranchs: ANDERSON [R.C.], BARRULL, BOR, CAILLIET, CAPPETTA, CASTRO-AGUIRRE, ISHIHARA, LAST, SÉRET, STEHMANN, STRINGER

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- 3 Hexanchidae: BARRULL
4 Chlamydoselachidae:

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- 5 Heterodontidae:

ORECTOLOBIFORMES:

- 6 Rhincodontidae:
7 Parascylliidae:
8 Brachyaeluridae:
9 Orectolobidae:
10 Hemiscylliidae:
11 Stegostomatidae:
12 Ginglymostomatidae:

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- 13 Odontaspidae (incl. Odontaspinae, Mitsukurininae, Pseudocharchariinae): CAPPETTA
14 Lamnidae: // BARRULL & MATE
15 Megachasmidae:
16 Cetorhinidae:
17 Alopiidae:

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- 18 Cylorhinidae: McCOSKER, MINCARONE // BARRULL & MATE, CLARK & RANDALL, COMPAGNO ET AL., LAST ET AL., NAKAYA & SÉRET
19 Proscylliidae:
20 Pseudotriakidae:
21 Leptochariidae:
22 Triakidae: CASTRO-AGUIRRE, ROJAS
23 Hemigaleidae: UYENO
24 Carcharhinidae:
25 Sphyrnidae:

SQUALIFORMES: // ADNET & CAPPETTA

- 26 Squalidae (incl. Etmopteridae): // CAPPETTA & ADNET, GOLANI & PISANTY
26a Dalatiidae: MINCARONE // BARRULL & MATE (2), SOTO & MINCARONE
27 Echinorhinidae:

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- 28 Pristiophoridae: YEARSLEY

SQUATINIFORMES:

- 29 Squatinidae: YEARSLEY

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- 30 Pristidae: ISHIHARA // COMPAGNO & LAST

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- 31 Torpedinidae: CARVALHO, STEHMANN // COMPAGNO & LAST, NEER & CAILLIET
32 Narkidae
32a Narcinidae: CARVALHO // CARVALHO, CARVALHO & SÉRET, CARVALHO ET AL. (2), RINCON ET AL.

RAJIFORMES (Also Batoidea): CARVALHO, ISHIHARA, SÉRET

- 32 Rhinobatidae: // COMPAGNO & LAST
34 Platyrrhinidae: CARVALHO // COMPAGNO & LAST
35 Rajidae: CAILLIET, ODDONE, ORR, STEHMANN, YEARSLEY // LAST & COMPAGNO, STEHMANN & MERRETT
36 Anacanthobatidae: // LAST & COMPAGNO

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- 37 Dasyatidae: CAPPETTA // LAST & COMPAGNO
38 Gymnuridae: // COMPAGNO & LAST
39 Myliobatidae (incl. Rhinopterae): STEHMANN // COMPAGNO & LAST
40 Urolophidae: CAPPETTA, YEARSLEY // LAST & COMPAGNO
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43 Hexatrygonidae: // COMPAGNO & LAST

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- 44 Callorhynchidae: // STEHMANN
45 Chimaeridae: // STEHMANN
46 Rhinochimaeridae: // STEHMANN

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- 47 Acipenseridae: ECONOMIDIS, KULLANDER // ALMAÇA & ELVIRA, ECONOMIDIS ET AL., ELVIRA, ELVIRA & ALMODÓVAR, KOTTELAT & WHEELER
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- 49 Polypteridae:

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- 50 Lepisosteidae: ORTI

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- 51 Amiidae: ORTI

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- 52 Osteoglossidae:
53 Pantodontidae:
54 Hiodontidae:
55 Notopteridae:

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- 56 Mormyridae: TEUGELS //
57 Gymnarchidae:

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- 58 Elopidae:
59 Megalopidae: // ANDREWS ET AL.

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- 60 Albulidae:

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- 61 Halosauridae:
62 Notacanthidae:
63 Lipogenyidae:

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- 64 Anguillidae: McCOSKER
65 Heterenchelyidae:
66 Moringuidae:
67 Chlopsidae (incl. Xenocoelidae): McCOSKER
68 Myrocongridae:
69 Muraenidae: McCOSKER, SMITH // BÖHLKE & McCOSKER (2)
70 Synphobranchidae (incl. Ilyophinae and Simenchelyinae): TIGHE

- 71 Ophichthidae: CASTRO-AGUIRRE, RANDALL // McCOSKER & LAVENBERG, McCOSKER & RANDALL, McCOSKER & ROBERTSON, RUIZ-CAMPOS & CASTRO-AGUIRRE
 72 Colococongridae:
 73 Congridae (incl. Bathymyrinae and Heterocongrinae): SMITH // KARMOVSKAYA & PAXTON
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 75 Derichthyidae:
 76 Nemichthyidae:
 77 Serrivomeridae:
 78 Nettastomatidae:

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- 79 Cyematidae:
 80 Saccopharyngidae:
 81 Eurypharyngidae:
 82 Monognathidae:

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- 83 Denticipitidae:
 84 Clupeidae: CASTRO-AGUIRRE // CASTRO-AGUIRRE ET AL., JAWAD ET AL., MOTOMURA ET AL.
 85 Engraulidae: LOVEJOY, SABAJ
 86 Chirocentridae:
 86a Sundasalangidae:

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- 87 Chanidae:
 88 Gonorynchidae:
 89 Kneriidae:
 90 Phractolaemidae:

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- 91 Cyprinidae: BUTH, CHEN [X.-Y.], CHEN [Z.-M.], FANG, KOTTELAT, KULLANDER, RIEHL, TEITLER, TEUGELS, WU // AL-MUKHTAR & AL-HASSAN, CHEN [X.-Y.] & YANG (2), CHEN [Z.-M.] & CHEN [Y.-F.], CHEN [Z.-M.] & YANG, FANG (2), FANG & KOTTELAT, FREYHOF, FREYHOF ET AL., KULLANDER, MINA ET AL., MIRZA, RIEHL ET AL., STOUMBOUDI ET AL.
 92 Psilorhynchidae:
 93 Cobitidae (incl. Botiinae): CHEN [X.-Y.], FREYHOF, KOTTELAT, KULLANDER, OTT // FREYHOF ET AL., RABOVA ET AL.
 94 Balitoridae (incl. Nemacheilinae, Homalopteridae): KOTTELAT, NALBANT, OTT // FREYHOF & SEROV (2)
 95 Gyriinocheilidae:
 96 Catostomidae: BUTH

CHARACIFORMES: MOREIRA, ORTI

- 97 Citharinidae (incl. Distichodontinae):
 98 Alestiidae (incl. all African "Characidae"):
 99 Hepsetidae:
 100 Hemiodontidae (incl. Parodontinae): LASSO, LASSO-ALCALÁ, PAVANELLI
 101 Curimatidae (incl. Prochilodontinae, Chilodontinae, Anostominae): CASTRO, GARAVELLO, LASSO, LASSO-ALCALÁ, VARI // BERTACO & CARDOSO, CASTRO & VARI, SIVASUNDAR ET AL., VARI, VARI & RAREDON
 102 Erythrinidae: OYAKAWA
 103 Lebiasinidae: OYAKAWA // PAEPKE
 104 Gasteropelecidae:
 105 Ctenoluciidae: VARI // VARI
 106 Cynodontidae:
 107 Characidae (New World characins): BERTACO, CARDOSO, CASTRO, LASSO, LIMA, LUCENA, LUCINDA, MALABARBA, MELO, MOREIRA, OYAKAWA, PAVANELLI, RIEHL, VARI, ZANATA // ALMIRÓN ET AL., AZEVEDO ET AL., AZPELICUETA & ALMIRÓN, BERTACO & MALABARBA, CASCIOTTA ET AL., GARAVELLO & SAMPAIO, LIMA & GERHARD, LIMA & GERY, LIMA & TOLEDO-PIZA, LUCENA, MALABARBA & BERTACO, MALABARBA & VARI, MALABARBA & WEITZMAN, MELO, VARI & HAROLD (2), ZARSKE ET AL.

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- 108 Diplomystidae: AZPELICUETA, BERRA, GOSZTONYI // QUAGUIO-GRASIOTTO ET AL.
 109 Ictaluridae: LITTMAN
 110 Bagridae (incl. Austroglanididae, Claroteidae): NG // NG (2), NG & KOTTELAT, NG & LIM, NG ET AL. (2)
 111 Cranoglanididae: // NG & KOTTELAT

- 112 Siluridae: // NG (5), NG & SIEBERT
 113 Schilbeidae: NG
 114 Pangasiidae: TEUGELS // POUYAUD & TEUGELS
 115 Amblycipitidae: // NG, NG & KOTTELAT
 116 Amphiliidae:
 117 Akysidae: NG // NG [N.N.] & NG [P.K.L.]
 118 Parakysidae:
 119 Sisoridae: KONG, KOTTELAT, ZHOU // MIRZA ET AL., NG & FREYHOF, NG & RAINBOTH
 120 Clariidae: NG, OZOUF-COSTAZ, TEUGELS // AGNESE & TEUGELS (2), DEVAERE ET AL., NG, TEUGELS ET AL.
 121 Heteropneustidae:
 122 Chacidae:
 123 Olyridae:
 124 Malapteruridae:
 125 Ariidae: FRIEL, NG
 126 Plotosidae:
 127 Mochokidae:
 128 Doradidae: KEITH, SABAJ // KEITH & MERONA
 129 Auchenipteridae: AKAMA, LIMA // MEISNER ET AL.
 130 Pimelodidae: ABREU, AZPELICUETA, CASTRO, GARAVELLO, GUAZZELLI, LITTMANN, SALCEDO // BERTACO & BECKER, LITTMANN ET AL.
 131 Ageneiosidae:
 132 Helogeneidae:
 133 Cetopsidae: KEITH, VARI // OLIVEIRA ET AL., VARI & FERRARIS
 134 Hypophthalmidae: VARI
 135 Aspredinidae (incl. Bunocephalinae): FRIEL
 136 Trichomycteridae (incl. Nematogenyidae): CARVALHO, KEITH, LASSO, VARI, WOSIACKI // FERNANDEZ & VARI
 137 Callichthyidae: BRITTO, BURGESS, HIERONIMUS, MOREIRA, REIS // BRITTO, LIMA & BRITTO
 138 Loricariidae: BRITTO, BURGESS, CARDOSO, GARAVELLO, GHAZZI, LIMA, LUCINDA, OYAKAWA, PAIXÃO, PEREIRA, REIS, SALCEDO // BRITTO & GARAVELLO, CARDOSO & MALABARBA, FLORES-LOPES ET AL., PEREIRA ET AL., REIS & CARDOSO, REIS & PEREIRA, ZAWADZKI ET AL.
 139 Scoloplacidae:
 140 Astroblepidae:

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- 141 Gymnotidae (incl. Sternopyginae, Rhamphichthyinae, Hypopominae, Apteronotinae, Gymnotinae, Electrophorinae): // KEITH & MEUNIER

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- 142 Esocidae: RIEHL
 143 Umbridae:
 144 Argentinidae:
 145 Bathylagidae:
 146 Opisthoproctidae:
 147 Alepocephalidae: // SASANOV & LAST
 148 Platytroctidae:
 149 Leptoichthyidae:
 150 Lepidogalaxiidae:
 151 Osmeridae: BUSBY
 151a Microstomatidae:
 152 Plecoglossidae:
 153 Salangidae:
 154 Retropinnidae:
 155 Galaxiidae: BERRA, McDOWALL // KEITH, WALLIS ET AL.
 156 Salmonidae: ALFONSO, DELLING, ECONOMIDIS, ESPINOSA, GOSZTONYI, McCOSKER, UIBLEIN // DIMMICK ET AL., UIBLEIN ET AL.

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- 157 Gonostomatidae:
 158 Sternoptychidae:
 159 Phosichthyidae:
 160 Chauliodontidae:
 161 Stomiidae:
 162 Astronesthidae:
 163 Melanostomiidae: ANDERSON [M.E.]
 164 Malacosteidae:
 165 Idiacanthidae:

AULOPIIFORMES:

- 166 Aulopidae:
 167 Chlorophthalmidae (incl. Ipnopinae):

- 168 Scopelarchidae:
 169 Notosudidae:
 170 Synodontidae (incl. Harpadontinae, Bathysaurinae): SHAO
 171 Giganturidae:
 172 Paralepididae:
 173 Anopteridae:
 174 Evermannellidae:
 175 Omosudidae:
 176 Alepisauridae:
 177 Pseudotriconotidae:

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- 178 Neoscopelidae:
 179 Myctophidae: NOLF, PAXTON, UIBLEIN, WIENERROITHER

PERCOPSIFORMES:

- 180 Percopsidae:
 181 Aphredoderidae:
 182 Amblyopsidae:

GADIFORMES:

- 183 Muraenolepididae:
 184 Bregmacerotidae:
 185 Eulichthyidae:
 186 Macrouridae (broad sense): IWAMOTO, NOLF // IWAMOTO, IWAMOTO & GRAHAM, IWAMOTO & McCOSKER, IWAMOTO & UNGARO, ROSS ET AL.
 187 Moridae: ANDERSON [M.E.], GOMON // IWAMOTO & COHEN
 188 Melanonidae: IWAMOTO & COHEN
 189 Gadidae: BUSBY, STEHMANN // BROWN ET AL., IWAMOTO & COHEN
 190 Lotidae: // IWAMOTO
 191 Phycidae: // IWAMOTO & COHEN
 192 Merlucciidae: // IWAMOTO & COHEN

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- 193 Ophidiidae (incl. Brotulinae, Neobythitinae): UIBLEIN // DALEY ET AL.
 194 Carapidae:
 195 Bythitidae (incl. Brosmophycinae): COHEN
 196 Aphyonidae:

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- 197 Batrachoididae: GOSZTONYI // COLLETTE (3)

LOPHIIFORMES:

- 198 Lophiidae: LAST
 199 Antennariidae: // RANDALL & HOLCOM
 200 Tetrabrachiidae:
 201 Lophichthyidae:
 202 Brachionichthyidae: LAST // BRUCE ET AL.
 203 Chaunacidae:
 204 Ogcocephalidae:
 205 Caulophryniidae:
 206 Neoceratiidae:
 207 Melanocetidae:
 208 Himantolophidae:
 209 Diceratiidae:
 210 Oneirodidae:
 211 Thaumatchichthyidae:
 212 Centrophryniidae:
 213 Ceratiidae:
 214 Gigantactinidae:
 215 Linophryniidae:

GOBIESOCIFORMES:

- 216 Gobiesocidae: TYLER // BRIGGS (3), GUZMÁN ET AL., VERA & PEQUEÑO

ATHERINIFORMES: HORN

- 217 Atherinidae (Incl. Melanotaeniidae): ALLEN, BERTACO, KIMURA // ALLEN, KIMURA ET AL.
 217a Pseudomugilidae (incl. Telmatherinidae): LOVEJOY, MALABARBA
 217b Atherinopsidae: GOSZTONYI, HORN // LOGOTHETIS ET AL.
 217c Melanotaeniidae: ALLEN
 218 Phallostethidae: GHEDOTTI

CYPRINODONTIFORMES: // KEITH ET AL.

- 219 Aplocheilidae:

- 219a Rivulidae: AZPELICUETA
 220 Cyprinodontidae (incl. Fundulidae, Valenciidae): // COAD, COAD & ABDOLI, COAD & KEIVANY, GRADY ET AL., KOTTELAT & WHEELER
 220a Profundulidae: SCHMITTER-SOTO
 220b Fundulidae: GHEDOTTI
 221 Goodeidae:
 222 Poeciliidae: ESPINOSA, HIERONIMUS, LUCINDA, SCHMITTER-SOTO // LUCINDA & GARAVELLO, JAWAD & BUSNEINA
 223 Anablepidae: // DOWNING MEISNER ET AL., GHEDOTTI ET AL., LUCINDA ET AL.

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- 224 Adrianichthyidae: LOVEJOY
 225 Scomberesocidae: LOVEJOY
 226 Belonidae: COLLETTE, LOVEJOY // BANFORD ET AL., COLLETTE (2), LOVEJOY & COLLETTE
 227 Hemiramphidae: COLLETTE, LOVEJOY // BANFORD & COLLETTE, COLLETTE (2), COLLETTE & BANFORD
 228 Exocoetidae: LOVEJOY

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- 229 Lampridae: // CASTRO-AGUIRRE ET AL., COLLETTE
 230 Veliferidae:
 231 Lophotidae:
 232 Radiicephalidae:
 233 Trachipteridae: // VICENTE ET AL.
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 235 Stylephoridae:
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 238 Megalomycteridae:

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- 239 Monocentridae:
 240 Trachichthyidae:
 241 Anomalopidae:
 242 Diretmidae:
 243 Anoplogastridae: DODD
 244 Berycidae:
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 246 Stephanoberycidae:
 247 Hispidoberycidae:
 248 Melamphaidae:
 249 Gibberichthyidae:
 250 Polymixiidae:

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- 251 Rondeletiidae: PAXTON
 252 Barbourisiidae: PAXTON
 253 Cetomimidae: PAXTON

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- 254 Parazenidae:
 255 Macrurocyttidae:
 256 Zeidae: BRAY
 257 Oreosomatidae:
 258 Grammicolepididae:
 259 Caproidae: SANTINI, TYLER // TYLER & BANNIKOV

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- 260 Hypoptychidae:
 261 Gasterosteidae (incl. Aulorhynchinae): BUTH, KULLANDER, NELSON, ORR
 262 Indostomidae: ORR
 263 Pegasidae:

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- 264 Aulostomidae:
 265 Fistulariidae:
 266 Centriscidae (Incl. Macrophamphosidae):
 267 Solenostomidae: ORR
 268 Syngnathidae: ESPINOSA, LOUIE, LOURIE

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- 269 Synbranchidae:
 270 Mastacembelidae:

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 276 Gnathanacanthidae:
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 286 Ereuniidae:
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 289 Comephoridae: MILLER
 290 Psychrolutidae: NELSON // QUERO & CENDRERO
 291 Agonidae:
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 296 Acropomatidae:
 297 Moronidae:
 298 Polyprionidae:
 299 Dinopercidae:
 300 Serranidae (incl. Anthiinae, Epinephelinae, Liopropomatinae, Grammistinae): ANDERSON [W.D.], BARREIROS, COLLETTE, CRAIG, GIBRAN, ROJAS, SCHMITTER-SOTO // ANDERSON [W.D.], ANDERSON [W.D.] & BALDWIN, BOSTRUM ET AL., CHEN [J.P.] & SHAO, CRAIG ET AL., MASUDA & RANDALL, NELSON ET AL., RANDALL & PYLE, RANDALL & SATAPOOMIN, STEPIEN ET AL.
 301 Symphysanodontidae: // ANDERSON [W.D.]
 302 Centrogeniidae: GILL // GILL
 303 Pseudochromidae (incl. Congrogadinae, etc.): GILL, WILLIAMS // GILL (2), GILL & ALLEN (2), GILL & EDWARDS (2), GILL & FRICKE, GILL & TANAKA
 304 Grammatidae:
 305 Callanthiidae:
 306 Plesiopidae: WILLIAMS
 307 Acanthoclinidae:
 308 Glaucosomatidae:
 309 Terapontidae:
 310 Banjosidae:
 311 Kuhliidae: // RANDALL & RANDALL
 312 Centrarchidae:
 313 Elasmomatidae:
 314 Percidae: BERRA, BUTH, STEPIEN // VOSKOBONIKOVA
 315 Priacanthidae: // MOTOMURA ET AL.
 316 Kurtidae: BERRA
 317 Apogonidae: ALLEN, GON, GREENFIELD, RANDALL // ALLEN (2), FRASER & ALLEN, GON, GON & RANDALL (2), GREENFIELD, MOTOMURA ET AL., RANDALL
 318 Epigonidae:
 319 Dinolestidae:
 320 Sillaginidae:
 321 Malacanthidae:
 322 Lactariidae: // LEIS
 323 Scombroidae:

324 Pomatomidae: COLLETTE
 325 Rachycentridae: COLLETTE
 326 Echeneidae: COLLETTE
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 331 Leiognathidae: KIMURA, WOODLAND // YAMASHITA & KIMURA
 332 Bramidae: // LAST & MOTTEKI
 333 Caristiidae:
 334 Arripidae:
 335 Emmelichthyidae:
 336 Lutjanidae: LEIS, ROJAS // ANDERSON [W.D.], ANDERSON [W.D.] & ALLEN,
 337 Caesionidae: LEIS
 338 Lobotidae (incl. Coiidae):
 339 Gerreidae: CASTRO-AGUIRRE, GONZÁLEZ-ACOSTA, KIMURA, WOODLAND // IWATSUKI ET AL. (2)
 340 Haemulidae: HOWE // HOWE, STAPOOMIN & RANDALL, IWATSUKI ET AL.
 341 Inermiidae:
 342 Sparidae: // ARKHIPKIN ET AL., BELTRANO ET AL. (5), CONIDES & AL-HASSAN, LEIS ET AL., VITALE, VITALE ET AL.
 343 Centracanthidae:
 344 Lethrinidae:
 345 Nemipteridae:
 346 Sciaenidae: CASATTI, FUIMAN & COWAN, FUIMAN ET AL., LOVEJOY // CASATTI, SOARES & CASATTI
 347 Mullidae: GOLANI // GOLANI
 348 Pempheridae:
 349 Leptobramidae:
 350 Bathyclupeidae:
 351 Toxotidae:
 352 Coracinidae:
 353 Kyphosidae (incl. Girellinae, Scorpinae, Microcanthidae): // RANDALL & STENDER, STURM & HORN
 354 Parascorpididae:
 355 Drepanidae:
 356 Ephippidae:
 357 Monodactylidae: // KOTTELAT
 358 Scatophagidae: GILL // KOTTELAT
 359 Chaetodontidae: BURGESS
 360 Pomacanthidae: BURGESS
 361 Enoplosidae:
 362 Pentacerotidae:
 363 Nandidae (incl. Batidae): KULLANDER
 364 Oplegnathidae: // CIONE ET AL.
 365 Cichlidae: ÅHLANDER, BURGESS, CHAKRABERTY, ESPINOSA, GIBRAN, KULLANDER, LANDIM, LUCENA, OZOUF-COSTAZ, REIS, RIEHL, SCHELLY, SCHMITTER-SOTO, SCHINDLER, UFERMANN // BAROILLER ET AL., CASCIOTTA ET AL., JAWAD (2), PAEPKE, SCHINDLER, STIASSNY ET AL., VALTIERRA-VEGA & SCHMITTER-SOTO
 366 Embiotocidae: BURGESS
 367 Pomacentridae: ALLEN, TANG // ALLEN, RANDALL, RANDALL & RANDALL, TANG [K.-L.]
 368 Cirrhitidae: RANDALL // RANDALL
 369 Chironemidae:
 370 Aplodactylidae:
 371 Cheilodactylidae:
 372 Latridae:
 373 Cepolidae:
 374 Opistognathidae:
 375 Notograpidae: GILL

Mugiloidei:

376 Mugilidae: LI // KEITH ET AL., KOUTRAKIS & ECONOMIDIS

Polynemoidei:

377 Polynemidae: MOTOMURA // MOTOMURA & IWATSUKI (2), MOTOMURA ET AL. (12)

Labroidei:

378 Labridae: PARENTI [P.] // ALLEN, ARENDT ET AL., BALDWIN & McCOSKER, GOMON, GUILLEMAUD ET AL., RANDALL & LOBEL, RANDALL & MIROZ, RANDALL & NAGAREDA, RANDALL & PYLE, RANDALL & SMITH, RANDALL ET AL., ROCHA & ROSA

- 379 Odacidae:
380 Scaridae: SHAO
- Zoarcoidei:
381 Bathymasteridae:
382 Zoarcidae: ANDERSON [M.E.]
Parabrotulidae:
383 Stichaeidae: HORN, KIMURA, MacDONALD, VOGT
384 Cryptacanthodidae:
385 Pholidae:
386 Anarhichadidae:
387 Ptilichthyidae:
388 Zaproridae:
389 Scytalinidae:
- Notothenioidei: CHEN [W.-J.], OZOUF-COSTAZ, VOSKOBOINIKOVA // CHEN [W.J.]
390 Bovichtidae:
391 Nototheniidae: FUIMAN, GOSZTONYI
392 Harpagiferidae (incl. Artedidraconidae):
393 Bathydraconidae: // PISANO ET AL.
394 Channichthyidae:
394a Artedidraconidae:
- Trachinoidei:
395 Xenocephalidae:
396 Chiasmodontidae:
397 Champsodontidae:
398 Trichodontidae:
399 Ammodytidae: // COLLETTE, COLLETTE & ROBERTSON
400 Trachinidae:
401 Uranoscopidae: GOMON, GREENFIELD
402 Trichonotidae: NELSON // NELSON
403 Creediidae: // NELSON
404 Leptoscopidae:
405 Percophidae (incl. Bembropinae, Hemeroceetinae): // NELSON
406 Pinguipedidae:
- Pholidichthyoidei:
407 Pholidichthyidae: WIRTZ
- Blennioidei: STEPIEN, WIRTZ
408 Tripterygiidae: GOSZTONYI, JAWAD, WILLIAMS // CLEMENTS ET AL.
409 Labrisomidae: GIBRAN, WILLIAMS
410 Clinidae:
411 Chaenopsidae: BURGESS, CRAIG, RAMOS, WILLIAMS
412 Dactyloscopidae: WILLIAMS
413 Blenniidae: ALMEIDA, JAVONILLO, SPRINGER, TYLER, WILLIAMS // ALMADA ET AL., MUSS ET AL., SPRINGER & ALLEN
- Icosteoidae:
414 Icosteidae:
- Callionymoidei:
415 Callionymidae: // SADOVY ET AL.
416 Draconettidae:
- Schindlerioidei:
417 Schindleriidae:
- Gobioidei: AHNELT, ALLEN, GILL, WU
418 Rhyacichthyidae: // KEITH
419 Eleotridae: KEITH
420 Gobiidae: AHNELT, GILL, GREENFIELD, IWAMOTO, KEITH, LASSO, LASSO-ALCALÁ, LOUIE, MURDY, ROSA, STEPIEN, WILLIAMS, WU // AKIHITO & MEGURO, AKIHITO ET AL., ÅABDOLI ET AL., AHNELT, AHNELT & DUCHKOWITSCH, AHNELT ET AL., ALLEN (2), CHEN [I-S.] & KOTTELAT, CHEN [I-S.] ET AL., DILLON & STEPIEN, KEITH ET AL., MURDY & SHIBUKAWA, RANDALL, RANDALL & GREENFIELD, RANDALL & SENOU, WATSON ET AL.
420a Odontobutidae: WU
421 Kraemeriidae:
422 Microdesmidae (incl. Ptereleotrinae): // McDOWALL, SMITH & THACKER, RANDALL & SHEN,
423 Xenisthmidae: GILL // GILL (2)
Acanthuroidei:
424 Siganidae: WOODLAND // BANNIKOV & TYLER
- 425 Luvaridae:
426 Zanclidae:
427 Acanthuridae: BURGESS, MYERS, RANDALL // RANDALL (2), RANDALL & CLEMENTS, RANDALL & FRISCHE, RANDALL ET AL. (2), SMITH-VANIZ ET AL., TYLER, TYLER & BANNIKOV
- Sphyraenoidei:
428 Sphyraenidae:
- Scombroidei:
429 Scombrobracidae:
430 Gempylidae:
431 Trichiuridae:
432 Xiphiidae:
433 Istiophoridae: // FIERSTINE, FIERSTINE ET AL.
434 Scombridae: ANDERSON [R.C.], FIERSTINE, SÉRET // BECKLEY & LEIS, COLLETTE (2), COLLETTE ET AL., JAWAD ET AL.
- Stromateoidei:
435 Amarsipidae:
436 Centrolophidae:
437 Nomeidae:
438 Ariommatidae:
439 Tetragnuridae:
440 Stromateidae:
- Anabantoidei: BURGESS
441 Anabantidae:
442 Belontiidae: KOTTELAT // KOTTELAT
443 Helostomatidae:
444 Osphronemidae:
- Luciocephaloidei:
445 Luciocephalidae:
- Channoidei:
446 Channidae:
- PLEURONECTIFORMES:** MUNROE, ORR, SAKAMOTO // KEITH ET AL.
447 Psettodidae:
448 Citharidae:
449 Scopthalmidae:
450 Paralichthyidae: MUNROE
451 Bothidae: // HENSLEY & RANDALL
452 Achirosettidae: GUIBORD
453 Pleuronectidae (incl. Rhombosoleidae, Samaridae): ALFONSO, BUSBY // HOSHINO ET AL., SAKAMOTO ET AL.
454 Achiridae: RAMOS
455 Soleidae: MUNROE // DESOUTTER ET AL., MUNROE, MUNROE & DESOUTTER, RANDALL
456 Cynoglossidae: MUNROE // MUNROE, MUNROE & McCOSKER
- TETRAODONTIFORMES:** NOLF, SANTINI, TYLER // KEITH ET AL., TYLER & SANTINI
457 Triacanthodidae: SANTINI
458 Triacanthidae: SANTINI // BACIU & TYLER, SANTINI & TYLER
459 Balistidae: GILL, MYERS, RANDALL // RANDALL ET AL.
460 Monacanthidae (incl. Aracanidae): TYLER // GILL & HUTCHINS
461 Ostraciidae:
462 Triodontidae:
463 Tetraodontidae: OZOUF-COSTAZ, TYLER // MOURA & CASTRO, FISCHER ET AL.
464 Diodontidae: // LEIS (2)
465 Molidae: PARENTI [P.], SANTINI // BALART ET AL., SANTINI & TYLER
- SARCOPTERYGII:** SCHULTZE
- COELACANTHIFORMES:**
466 Latimeriidae: // FROESE & PALOMARES
- CERATODONTIFORMES:**
467 Ceratodontidae:
- LEPIDOSIRENIFORMES:**
468 Lepidosirenidae:

PUBLICATIONS

AUSTRALIAN SEAFOOD HANDBOOK REPRINT. The very popular 'Australian Seafood Handbook - an Identification Guide to Domestic Species' has been reprinted with minor upgrades. This guide covers 300+ Australian seafood species, with colour photographs of whole animals and fish fillets. Identifying features are provided, along with size, habitat, distribution and general remarks. Other chapters offer protein fingerprints and oil profiles of the flesh. For ordering information, contact CSIRO Publishing Australia on publishing.sales@csiro.au.

FISHBASE 2000: Concepts, design and data sources. The 2000 edition of FishBase, a large biological database with key information on 25,500 species of fishes, is available on 4 CD-ROMs, together with a book of 344 pages. Experts who have volunteered to check information in FishBase for their respective areas of expertise can claim their free copies. Others can order it for US\$95 (updates US\$50), including airmail (contact fishbase@cgiar.org). FishBase is also available on-line at www.fishbase.org.

FISHERY SCIENCE: THE UNIQUE CONTRIBUTIONS OF EARLY LIFE STAGES, edited by Lee A. Fuiman and Robert G. Werner, is to be published by Blackwell Science in the summer of 2002. Each chapter of this textbook was written by a specialist and educator and covers a topic traditionally taught in fisheries 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. For more information, contact Lee A. Fuiman (lee@utmsi.utexas.edu).

FISHES OF LAOS by Maurice Kottelat. This book provides information for the identification of the fishes of Laos. All species known from Laotian waters to date are illustrated by colour photographs. Data on the known distributions and habitats are included, as well as indications on synonyms and previous misidentifications. The number of Lao fish species recorded in the scientific literature has sharply increased in recent years, from 210 known in 1975 to 481 recorded in this book. 198 pages. Price: CHF 105.00 (about USD 65.00), postage/handling: Europe CHF 12.00, outside Europe CHF 19.00 (book rate). Distributed by: Maurice Kottelat, Route de la Baroche 12, Case postale 57, CH-2952 Cornol, Switzerland. Tel. +41-32-462 3175. Fax +41-32-462 2259. E-mail mkottelat@dplanet.ch

FRESHWATER FISH DISTRIBUTION by Tim M. Berra was published by Academic Press in 2001. This book contains 169 maps of fish families that enter fresh waters around the world. It includes all of the primary and secondary division freshwater fishes and a selection of marine families that have freshwater representatives. There are 324 beautiful line drawings, mostly from the last century, that illustrate many of the species discussed. The text includes the latest taxonomic relationships, numbers of species and genera in each family, and lists the subfamilies that are currently recognized. Ecological data, interesting natural history information, size, diet, aquarium use, importance to fisheries, etc. are included for many species. This work is a complete revision and extension of Berra's 1981 *An Atlas of the Distribution of the Freshwater Fish Families of the World*. It contains 603 pages including 62 pages of over 1500 references. List price is US\$90.00.

FRESHWATER FISHES OF NORTHERN VIETNAM by Maurice Kottelat. This book includes three parts: a preliminary check-list of the fishes known from northern Vietnam, translation of selected parts of Mai D. Y. (1978), Identification of the freshwater fishes of northern Vietnam, and a discussion of the nomenclatural status of names of Vietnamese fishes proposed by Nguyen & Doan ("Hao & Hoa") (1969). 140 pages, 15 colour plates. Available from Environment and Social Development Unit, East Asia and Pacific Region, World Bank, Washington (twhitten@worldbank.org).

HISTORY AND ATLAS OF THE FISHES OF THE ANTARCTIC OCEAN, Miller, R G, 1993.

. Copeia said: "...should have wide appeal for anyone interested in the lore and fish of the Antarctic."

. Ocean Voice Intl.: "...a primary interest to biologists wishing to have a good treatment of Antarctic fishes...will interest all readers wishing to make comparisons with other groups in cold adaptation."

. National Research Council: "...interesting and important topics in an important and captivating part of our planet. For people who love fishes, biology, the polar regions, and books..."

. Environmental Conservation: "Here, surely, is a book to be acquired, kept, and widely read and consulted ...it is a beautiful book of outstanding character..."

. Brits. Antarc. Survey: "...Miller's 'fire-side' style of writing." (!!!)

Though copies are available at Amazon and other outlets there is still a special offer continued for students and ichthyologists, local and abroad, at a professional rate of \$ 78.00 + S&H direct from Foresta Institute, 6205 Franktown Rd., Washoe Valley, NV 89704. forstinst@aol.com; glennbooth@prodigy.net

LARVAE OF INDO-PACIFIC COASTAL FISHES, JM Leis and BM Carson-Ewart (2000), Brill, Leiden, 850pp. This book can be ordered from Brill (www.Brill.nl), Amazon (www.Amazon.com) or Barnes and Noble (www.barnesandnoble.com). Brill has best non-US price, but compare to be sure. Check out the Ichthyology Website at www.amonline.net.au/fishes - type lists, research summaries, publication lists, and lots of other god fishy stuff.

MADEIRA - MARINE LIFE. 2000. Peter Wirtz. 192 pages. About 80 species of fishes, 60 invertebrates and 30 plants depicted in underwater photos. Very short texts giving common name, size, depth of occurrence, etc. in English, French, German and Portuguese. Available directly from the author via email (peter.wirtz@clix.pt) for 17 Euros plus postage

MICRONESIAN REEF FISHES: the comprehensive hardcover edition is now out of print pending relocation of the publisher to Florida and completion of a supplement. The abridged softcover field guide with the same color photos covering nearly all coral reef species (0-60m) remains available: *Micronesian Reef Fishes*, a field guide for divers and aquarists: 408 pp., 1559 photos of 1192 spp. \$49.95; Postage/handling: U.S., Palau, FSM, Marshalls, American Samoa: Priority (air): \$5.00/book; W. Europe, most of Pacific Rim: Priority (air): \$10.00/book; surface \$7.00/book; everywhere else: air \$25.00/book; surface \$7.00/book. CORAL GRAPHICS, P.O. Box 21153, GMF, Guam 96921 USA; ph.: (671) 734-1092; E-mail: rmyers@netpci.com.

PROCEEDINGS AVAILABLE. The proceedings of the 5th Indo-Pacific Fish Conference (Noumea, 1997) including # 80 papers (866 pages) are now available at discount price: 250 F (38 Euros) including postage. The proceedings of the 3rd European Elasmobranch Meeting held in Boulogne-sur-Mer (France) in May 1999 are still available at 100 FF (15 Euros) including postage. To order, please contact Bernard SERET at: seret@mnhn.fr

RECORDS OF THE AUSTRALIAN MUSEUM, Fish Publications, volume 53, 2001. Check out <http://www.amonline.net.au/publications/> for information on ordering, tables of contents, on-line abstracts, etc.

WATSON, W. 2001 Larvae of *Enchelyurus ater* (Günther, 1877) and *E. krausi* (Klunzinger, 1871) (Pisces: Blenniidae: Omobranchini). Records of the Australian Museum 53(1): 57-70.

BÖHLKE, E. AND J. E. MCCOSKER. 2001 The moray eels of Australia and New Zealand, with the description of two new species (Anguilliformes: Muraenidae). Records of the Australian Museum 53(1):71-102.

IWATA, A., S. HOSOYA AND H.K. LARSON. 2001 *Paedogobius kimurai*, a new genus and species of goby (Teleostei: Gobioidae: Gobiidae) from the west Pacific. Records of the Australian Museum 53(1): 103-112.

HORNE, M.L.. 2001 Description of a new seahorse species (Syngnathidae: *Hippocampus*) from the Great Barrier Reef. Records of the Australian Museum 53(2):243-246.

KUITER, R.H. (in press). Revision of the Australian seahorses of the genus *Hippocampus* (Syngnathiformes: Syngnathidae) with descriptions of nine new species. Records of the Australian Museum 53 (3) - scheduled for publication in Dec 2001.

STEIN, D.L., N. CHERNOVA AND A. ANDRIASHEV. (in press). Snailfishes (Pisces: Liparidae) of Australia with the description of 30 new species. Records of the Australian Museum 53 (3) - scheduled for publication in Dec 2001.

PAXTON, J.R., G.D. JOHNSON AND T. TRNSKI, (in press) Larvae and juveniles of the deepsea whalefishes *Barbourisia* and *Rondeletia* with comments on family relationships. Records of the Australian Museum 53 (3) - scheduled for publication in Dec 2001.

VERHANDLUNGEN DER GESELLSCHAFT FÜR ICHTHYOLOGIE Bd. 2 (Proceedings of the Ichthyological Society vol. 2). Results of the 2nd GfI-meeting Berlin 1999. 184 pp., several BW and colour photos, ISBN 3-927889-93-8, Verlag Natur & Wissenschaft, Solingen 2001, 50 Euro. Includes articles on taxonomy (*Benitochromis*, new cichlid genus, with three new

species; *Nannostomus marginatus mortenthaleri* new spec.), history of ichthyology (Marcus Ellieser Bloch), and field ichthyological and ecological articles. Order form and more informations see <http://www.ichthyologie.de/English/Proceedings/proceedings.html>

GENERAL ANNOUNCEMENTS

AUSTRALIAN FISH DESCRIPTIONS, A CALL FOR PAPERS. OzFishNet, a consortium comprising Australian based fish taxonomists, announce the intention to publish a special edition of one of the major Australian museum journals, devoted to papers naming currently undescribed Australian fish species. The impetus behind the initiative is the growing confusion about species identities arising from the increasing number of undescribed Australian species appearing in popular books and other publications. A grant proposal has been submitted to fully fund peer reviewed, concise descriptions to appear in an internationally recognised and distributed journal around the middle of 2003. If funded, it is anticipated that a limited number of color plates will be available, on a first come, first serve basis. Systematists, both within and outside Australia, who plan to propose names for undescribed fish species, that occur at least in part in Australian waters, are encouraged to consider this vehicle. Those interested should contact Jeff Leis [jeffl@austrmus.gov.au] or Martin Gomon [mgomon@museum.vic.gov.au] to reserve a place.

THE AUSTRALIAN MUSEUM FISH DATABASE can now be queried online at www.amonline.net.au/fishes/about/data/index.htm. At this stage queries can be performed by any or all of genus, species and subspecies. Each record displays taxon, general locality (country, state or ocean), habitat, year of collection, specimen form, capture depth and size range. We have also developed a simple online mapping facility that is available at www.amonline.net.au/fishes/about/maps/index.htm. This site allows users to query by genus, species, subspecies or family number, and display the results as dot points on maps of New South Wales, Australia, or the world. Clicking on a dot retrieves a summary of data for the record. More images are in the process of being added to the types database at www.amonline.net.au/fishes/about/types/index.htm. Enquiries to Mark McGrouther, markm@austrmus.gov.au

BIOGEOGRAPHY SPREADSHEET FOR INDO-PACIFIC SHOREFISHES: Work continues 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 gobioids as well as deeper-dwelling species within certain families that include shorefishes (e.g. many eels, dragonets, scorpaeniforms). It is based primarily on published checklists, taxonomic revisions and periodic reviews of key journals, but also utilizes much unpublished information from other sources such as museum collection data bases and verifiable underwater photographs. So far, I've completed data entry for localities that are the subject of recent comprehensive faunal studies or checklists. I am interested in contributions from anyone with recent, accurate lists of fishes from their area, especially lists that can be emailed as electronic files convertible to MS Word or Excel. Of course, I would be happy to share information from my spreadsheet. Since this is an unfunded project that gets "shelved" for long periods of time, I ask past and future collaborators to please bear with me and I will eventually get back to you. Since it now occupies nearly 100 pages of near-microscopic text, I rarely print it and prefer to share it or portions of it as an electronic file. Robert F. Myers, P.O. Box 21153, GMF, Guam 96921 USA; ph.: (671) 734-1092 call first to fax from ca. 1300-2200 GMT; E-mail: rmyers@netpci.com.

CALIFORNIA ACADEMY OF SCIENCES—DIGITAL IMAGES OF PRIMARY TYPE SPECIMENS. Digital images of the primary type specimens (holotype, lectotype, neotype, syntype) housed in the Department of Ichthyology are now available over the Internet at the Academy's website and linked to the Ichthyology Department's homepage [<http://www.calacademy.org/research/ichthyology/types/index.html>]. Lateral, dorsal, and ventral views (4671 shots in total) of almost all of the primary types (about 1570 specimens) in the collection were taken with a digital camera. The images were touched up and made into a seamless montage at two different levels of resolution. X-radiographs (about 1580 images) of the

primary types were also taken, digitized and entered into the imagebase separately, again at two levels of resolution. In addition, original figures of type specimens taken from the literature have been scanned in for 290 species. Nomenclatural and related information on the species were taken from William N. Eschmeyer's 1988 *Catalog of Fishes* and incorporated into the heading legend for each species. Information provided include the correct scientific name, original reference, type locality, and where available, depository of other types (including catalog numbers), and species status with references for status statement.

Work on the imagebase will continue on a time-available basis, with emphasis on adding images of primary types that were not available during the project (either out on loan or missing) and images of newly acquired primary types. Images of secondary types and non-types will be added as requested by the ichthyological community. It is hoped that in most cases the images will obviate the need for researchers to borrow the type specimens. The obvious benefits to this include (1) eliminating the unnecessary handling of these invaluable specimens, thereby reducing the cumulative damage accrued each time the specimens are taken out of their container, (2) avoiding the possibility of loss and damage from shipping, (3) eliminating the time and expense involved in sending out specimens, and (4) having the images immediately available on-line and down-loadable. Request for additional views of a specimen can be made by emailing dcatania@calacademy.org or tiwamoto@calacademy.org. The one-year project was funded by the National Science Foundation (NSF DBI-9876822, Tomio Iwamoto, David Catania, and Carl Ferraris, Co-Principal Investigators), for which we express our thanks.

DEEP FIN RESEARCH COORDINATION NETWORK: A website (www.deepfin.org) will be established with the aim of coordinating systematic research of fishes. The goal of Deep Fin is to foster coordination of independent research groups by establishing an organic structure that will nurture collaboration and minimize isolation and duplication of efforts by molecular and morphological ichthyologists. Specific aims include the definition of fundamental exemplar taxa and the discussion of mechanisms that will make these available for study to all participants; the development of strategies to compile and integrate comprehensive data sets of morphological, molecular, and fossil data. Subsequent goals are to explore ways in which morphological and molecular data for all common taxa can be effectively integrated into a comprehensive phylogenetic analysis of living fishes including Chondrichthyes, Actinopterygii, lungfishes and coelacanths. The ultimate goal is to be able to synthesize a global phylogenetic framework based on molecules, morphology and palentological data. Antecedents for this proposal are rooted in preliminary talks among participants at the 2000 Joint Annual Meeting of the American Society of Ichthyologists and Herpetologists in La Paz, Baja California Sur, Mexico.

EUROPEAN ICHTHYOLOGICAL SOCIETY. European Ichthyology is alive and well! 284 ichthyologists from 41 countries attended the 10th European Ichthyological Congress (ECI 10) organised by Petr Ráb from 3 to 7 September 2001 in Prague (Czech Republic). ECIs are the tri-annual meetings of the European Ichthyological Society (EIS) which also had its business meeting during the congress. There have been numerous formal and informal discussions regarding the future of the congresses and of the society and the members unanimously supported their continuation. The structures of EIS have been renovated a few years ago and during ECI 10 several members have volunteered to work in various committees. An electronic newsletter should be established shortly, a committee is investigating the feasibility of electronic publication. EIS now counts around 150 members.

The General Assembly of the EIS met on 6 September 2001. It elected a new Board with Maurice Kottelat (president), Menachem Goren (vice-president), Maria João Collares-Pereira (secretary), Maria Th. Stoumboudi (treasurer), Sven O. Kullander (information technologies) and Petr Ráb (congress issues), and adopted a budget. The next congress will be held in 2004 at a site to be decided in December 2001; the Board is presently

evaluating three proposals. Between congresses, EIS also will be involved in co-sponsoring other activities (meetings, workshops, courses) of interest to European ichthyologists. EIS will work at a list of common names of European fishes. The board welcomes other proposals by members. Membership fees for the period 2001-2004 for ordinary members are 20 Euro per year; students under 35 years pay a single 10 Euro entrance fee (no annual fee); ordinary members from eastern Europe pay 10 Euro per year (case by case, lower fees can be decided by the Board for members under unfavourable social or economical conditions).

EIS is an international, non governmental organisation of scientists and individuals interested in ichthyology (the study of fishes). Historically, EIS was first established to promote international co-operation between scientists of the western and eastern blocks and to coordinate scientific collaboration. With the change in the European political landscape, its emphasis has now shifted to become a forum for the exchange and dissemination of information and experience, the promotion of original research and intra- and extra-European collaboration; it will also have to connect ichthyological research to European Union policies. These aims are presently achieved by organising or supporting international scientific meetings and promoting publications. Students are most welcome and EIS is working at making ECIs more attractive for them. Students are expected to have an important role to play in the society and, obviously, in the future of ichthyology.

There has been a continuing misperception that EIS is a federation of national ichthyological societies and that being member of a national society member of EIS was automatically implying membership into EIS. This may have been true in some countries in the early history of the society, but it is no longer the case as EIS membership is now made only of individual members.

For membership applications, please visit EIS website <http://www.nrm.se/ve/pisces/eis/> or contact the treasurer Maria Stouboudi (mstoum@ncmr.gr). For other information, contact the secretary Maria João Colares-Pereira (mcolares@fc.ul.pt) or other board members.

FISH-LARVAE FROM THE CANARIES: more than 4.600 fish-larvae (among them 321 Leptocephali) caught in two cruises in the area of the Canary Islands are deposited at the Zoological Museum of Copenhagen (ZMUC). If you wish to work on them and for further information please contact Dr. Franz Uiblein, Institute of Zoology, University of Salzburg, Hellbrunnerstr. 34, A-5020 Salzburg, Austria. Email franz.uiblein@sbg.ac.at

GIBBS AWARD FOR EXCELLENCE IN SYSTEMATIC ICHTHYOLOGY. Nominations are invited for the American Society of Ichthyologists and Herpetologists (ASIH) Robert H. Gibbs Jr. Memorial Award for Excellence in Systematic Ichthyology. The prize is awarded for an outstanding body of published work in systematic ichthyology to a citizen of a Western Hemisphere nation who has not been a recipient of the award. The award is offered annually and consists of an appropriate plaque and a cash award (approximately \$7500). The award recipient is announced at the annual meeting of the American Society of Ichthyologists and Herpetologists. Nomination may be made by any ichthyologist, including self-nominations, and should include the nominee's curriculum vitae, details of the nominee's specific contributions and their impacts on systematic ichthyology. Nominations should be submitted by 1 March 2001 for the nominee to be eligible for that year's award. Nominations will be effective for three award periods (2001-2003). Four copies of each nomination should be sent to Maureen A. Donnelly, Department of Biological Sciences, Florida International University, 3000 Northeast 151st Street, North Miami, Florida 33181-3000. -- The award for 2001 was presented to Lawrence M. Page, Illinois Principal Scientist, Illinois Natural History Survey, for his outstanding contributions to our knowledge of North and South American freshwater fishes, percid systematics, graduate education in systematic ichthyology, and support of systematic collections.

I S R MUNRO ICHTHYOLOGICAL COLLECTION. At the end of last year we moved into a new purpose-built facility, which features specialist collection storage areas and modern research laboratories, including formalin processing lab, x-ray, photographic, and darkroom facilities. The facility, focusing primarily on marine species from the Australian region, contains comprehensive collections of the region's chondrichthyans and deepwater fishes. It comprises approximately 41,000 lots and more than 100,000 adult & 50,000 larval specimens. In addition to local material, it contains significant collections from Macquarie Island & South-East Asia. Collection data are fully computerised using "Texpress" software. It also houses a photographic index of Australian fishes (PIAF), which contains approximately 30,000 slides, representing more than 2500 species. For further information please contact the collection manager, Alastair Graham, CSIRO Div. Marine Research, Hobart, Australia 7000. (Alastair.Graham@marine.csiro.au).

INTERNATIONAL FISH COLLECTION MANAGEMENT WORKSHOP/CONFERENCE This is a call for expressions of interest in an International Fish Collection Management Workshop or Conference to be held in conjunction with the Indo-Pacific Fish Conference (every four years). The next conference will be in Taiwan, 2005. We are particularly interested in hearing from collection managers, as well as researchers. Potential topics - electronic databasing, data format, data access and security, database networking, curation techniques/labelling and materials, storage and field techniques, etc. We would appreciate emails from interested persons and encourage any and all comments on this proposal. Send inquiries, etc. to: Dianne Bray, Collection Manager, Ichthyology, Museum Victoria, PO Box 666E, Melbourne, Victoria 3001 Australia (dbray@museum.vic.gov.au); Alastair Graham, Collection Manager, I.S.R. Munro Fish Collection, CSIRO Division of Marine Research, GPO Box 1538, Hobart, Tasmania 7001, Australia (Alastair.Graham@marine.csiro.au); Mark McGrouther, Collection Manager, Fishes, Australian Museum, 6 College Street, Sydney, NSW 2010 Australia (markm@austmus.gov.au)

JOB OPPORTUNITY. We are going to be hiring a technician in fall 2001 to operate the new Beckman-Coulter capillary automated DNA sequencing facility, which processes 96-well plates. Applicants need an M.S. degree and experience in DNA sequencing and data analysis. A postdoctoral fellowship position may become available in early 2002, contingent on funding. We welcome applications from highly motivated students to work on their Ph.D. or M.S. degrees in molecular systematics, phylogeography, and population genetics of fishes. Research assistantships are available to cover stipend, tuition, and student medical coverage. - Carol A. Stepien, Ph.D. Director, Great Lakes Environmental Genetics Laboratory Center for Environmental Science, Technology, and Policy (CESTP) 1899 East 22nd Street, MC 219 Cleveland State University Cleveland, OH 44114-4435 216-523-7311 Fax 216-687-5393 c.stepien@csuohio.edu

LABORATÓRIO DE ICTIOLOGIA OF THE UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, along with the fish collection, has moved to a new facility into other University Campus. The new address of its fish collection is: Laboratório de Ictiologia, Departamento de Zoologia - IB, Universidade Federal do Rio Grande do Sul Av. Bento Gonçalves, 9500 - bloco IV - Prédio 43435, 90540-000, Porto Alegre, RS, Brazil.

LARVAL FISH IMAGES. The Division of Fishes, National Museum of Natural History has prepared an exhibit on its website of larval fishes photographed at Carrie Bow Cay, Belize. These larvae were photographed shortly after capture, many while still alive, and display the transparent bodies and the elaborate and delicate color patterns that disappear after preservation. These are larval fishes as you have probably never seen them. The exhibit was first posted in May, 2001 and will be expanded and updated by the end of 2001, <http://www.nmnh.si.edu/vert/larval/>

MOSS LANDING MARINE LABORATORIES. We would be very interested in pursuing additional age-validation studies on deep-water and/or long-lived fishes from around the world. We are especially interested in working on orange roughy, coelacanth, or toothfish otolith material. In addition, we continue to be interested in submersible or ROV studies of deep-water habitats and their fish assemblages. Please contact Gregor Cailliet (address in Synopsis).

MUSEUM VICTORIA FISH COLLECTION contains some significant historic collections acquired during the latter part of the 1800's, including fishes from the British Museum (collections from Central and South America, West Africa, Madeira and other localities), a Bleeker collection (840+ lots), a Museum Godeffroy collection (550+ lots) and material from Castelnau, among others. These collections all include type material and the Museum Victoria Ichthyology Type catalogue will be on-line within the next few months. The collection also contains ethanol fixed and frozen tissues, primarily from fishes found in southern Australian waters. Inquiries may be directed to Dianne Bray, Collection Manager, Ichthyology, Museum Victoria, PO Box 666E, Melbourne, Victoria, 3001, AUSTRALIA; Tel (03) 8341 7448; Intl 613 8341 7448; Fax (03) 8341 7442 Intl 613 8341 7442; Email dbray@museum.vic.gov.au; or Martin Gommon, Senior Curator, Ichthyology, Museum Victoria, PO Box 666E, Melbourne, Victoria, 3001, AUSTRALIA; Tel (03) 8341 7435; Intl 613 8341 7435; Fax (03) 8341 7442 Intl 613 8341 7442; Email mgommon@museum.vic.gov.au

NEW CATALOG OF FISHES PROJECTS. Annotated Checklists for Fishes and Preparation of the Official List Of Names in Ichthyology. The first goal is to have specialists author annotated checklists (typically by families) for all Recent fishes -- these to be published by the California Academy of Sciences

and prepared with assistance from CAS staff working on the Catalog of Fishes project. The longer goal is to use these checklists to create a list to use Art. 79 of the 1999 code to eliminate unneeded and undesirable names from being available for use in Ichthyology (see Art. 79). The project at this time is especially appropriate to take advantage of the many ichthyologists in their 50s and above who were the monographers of the 1950s-80s. They have much information in files and accumulated unpublished data that can be made available in the checklists, particularly for such things as status of nominal species. The checklists will consolidate our level of knowledge and at the same time reveal areas in need of further investigation. CAS staff will assist with your literature needs, translations, nomenclatural problems, research dates for you, check spellings, and provide advice. We will generate your manuscripts and work closely with you. The format will be similar to the Parenti [Paolo] and Randall 2000, "An annotated checklist of the species of the labroid fish families Labridae and Scaridae." Ichth. Bull. J.L.B.Smith Inst. No. 68. Paolo Parenti will join the above-mentioned project, and brings to the project much interest and skills (particularly an interest in old works, and he can translate Latin and visit European museums). I contacted about 15 ichthyologists, and responses were great (one did not respond). A small NSF grant is pending; if funded, that would greatly facilitate the project. If you have a special interest and knowledge in particular taxa, we would like to hear from you. The established workers are known to us and will be contacted in January/February.

PROJECT SEAHORSE has an extensive collection of dried seahorses which may be borrowed for research purposes. Please contact Sara Lourie, Department of Biology, McGill University, 1205 Avenue Dr. Penfield, Montréal, H3A 1B1, Québec, CANADA. Email: slouri@po-box.mcgill.ca; Tel: +1 (514) 398 5112; Fax: +1 (514) 398 5069, for more information.

REQUEST FOR RECENT COMPARATIVE MATERIAL by Henri Cappetta, Université Montpellier II, France. (address in Synopsis). I repeat my unsuccessful request of the previous year: in the course of study on Recent dasyatids and urolophids dental morphologies, I should be very grateful to

colleagues who could provide me jaws of North American Atlantic species (*Dasyatis centroura*, *D. americana*, *D. guttata*, *D. say*, *D. sabina* ... and possibly other ones) as well as jaws of the genera *Plesiobatis*, *Hexatrygon* and *Urogymnus*.

RETIRING - After more than 41 years of work in the Laboratory of Ichthyology of the Museum national d'histoire naturelle, Paris, it is time for me to retire...almost completely. During that long period, which seemed in fact very short, I have been very happy to have met most of you and to have worked with you, either in ichthyology or on Antarctic affairs. Starting from September 3rd, 2001, all your requests concerning the MNHN collections of fishes should be addressed directly to my colleagues Guy Duhamel (Professor-Curator of fishes) or Patrice Pruvost (Collection manager). For any general question concerning the laboratory of ichthyology, please contact our laboratory Director, Professor François Meunier. Concerning the international databases on fish, please contact Nicolas Bailly. Concerning the Antarctic affairs (SCAR in particular), I will remain Delegate of France to SCAR (in the capacity of Chairman of the French National Committee on Antarctic Research) only for a few more months, and will be replaced in 2002 by another chairman, after the next SCAR meeting. I will stay and work in the MNHN (with the same electronic address hureau@cimrs1.mnhn.fr) for another few months only and on a part-time basis. After that transitional period, you will be able to contact me at my private e-mail address (jean-claude.hureau@wanadoo.fr), and my home (10, allée Claude Debussy, 78110 Le Vésinet, France) will remain open to all my friends. Thanks again for the good cooperation I have had in the past years, and for all the good memories which I will keep with me from all of you. -- Au revoir. Jean-Claude Hureau.

UNIVERSITY OF GUAM MARINE LABORATORY FISH COLLECTION. Duplicate lots will be made available for donation to any interested persons or institutions. For further details, please contact Terry Donaldson, Marine Laboratory, UOG Station, Mangilao, Guam 96923 USA, fax (671)-734-6767.



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. We have not verified these addresses. We wish to continue to expand this list and we ask that you send us your address if not listed here. Additions and corrections should be sent to mhoang@calacademy.org.

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ISSN 1041-8989