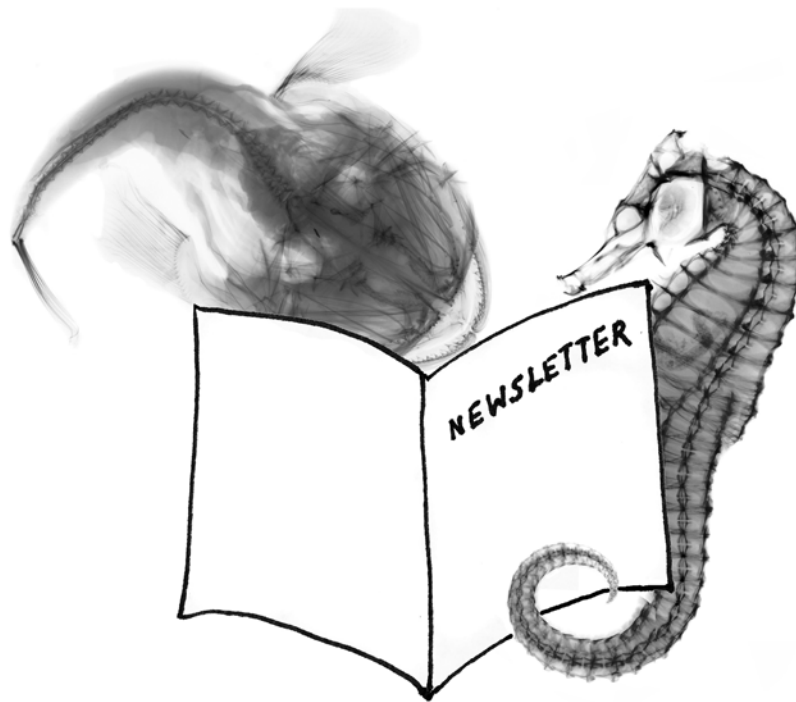


Newsletter
of
Systematic Ichthyology

NUMBER TWENTY-TWO



2000

DEPARTMENT OF ICHTHYOLOGY

California Academy of Sciences

Golden Gate Park

San Francisco, California 94118

Sponsored in part by the American Society of Ichthyologists and Herpetologists
and H & N Fish Company, San Francisco

**Newsletter
of
Systematic
Ichthyology** ©
®

NUMBER TWENTY-TWO

2000

Contents

Synopsis of Research Activities.....1
Literature.....18
Index.....34
New Publications.....40
General Announcements40
E-mail Addresses.....44

This is the twenty-second 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

This Newsletter is available through Internet access: WWW at <http://www.calacademy.org/>

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. Phone (055) (016) 602-3710; Fax (055) (016) 602-3666. E-mail tatixando@hotmail.com

Current work: (1) PhD Thesis on the taxonomic study and phylogenetic relationships of the genera: *Brachyplatystoma*, *Goslinia*, *Platystomatichthys*, *Pseudoplatystoma* and *Sorubim* (Siluriformes, Pimelodinae), to be finished on 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).

ALBERT, JAMES S. Curator of Fishes, Dept. of Zoology, University of Florida, Gainesville, Florida 32611-7800, U.S.A. Tel (321) 234-9532; Fax 321-234-0007; E-Mail albert@flmnh.ufl.edu

Current work: (1). Phylogenetic revision of *Gymnotus* (Ostariophysi: Gymnotiformes). (2). Species descriptions of gymnotiform fishes from central Amazonia (w/W. Crampton). (3). Faunal survey of floating meadows in the Pacaya-Samiria Reserve, Peru. With: Dr. William Crampton, Mamiraua Ecological Reserve, Tefé, Brazil; Dr. Cristian F. Iruarte, Museo de La Plata; Dr. Maria Cristina Dreher-Mansur, Museo de Ciencias Naturales, Porto Alegre; Dr. Roberto E. Reis, Museo de Ciências e Tecnologia da PUCRS, Porto Alegre; Dr. Gilberto Rodríguez, Instituto Venezolano de Investigaciones Científicas (IVIC), Caracas; Dr. Daniel H. Shain, Rutgers University; Dr. T. Hernan Ortega Torres, Museo de Historia Natural de La Universidad Nacional Mayor de San Marcos, Lima; Dr. Lorgio Verdi Olivares, Universidad Nacional de La Amazonia Peruana, Iquitos. (4). Workshop on Global Priorities for Coelacanth Research and Conservation in the 21st Century. 9th International Coral Reef Symposium (9ICRS), October, 2000, Denpasar, Indonesia.

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

Current work: (1) Taxonomic and biological studies of Indo-Pacific Apogonidae; (2) taxonomic studies of Indo-Pacific pomacentridae; (3) freshwater fishes of New Guinea and northern Australia, particularly melanotaeniids and gobioids; (4) taxonomic studies of coral reef fishes of Australia and SE Asia; (5) zoogeographic analysis of coral reef fishes to identify "hotspots" of biodiversity/endemism for conservation priority setting; (6) preparation of field guide to the freshwater fishes of the Timika region, Irian Jaya. Field work for 2001 will include a biodiversity survey of 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) (21) 75700000; Fax: (351) (21) 4869720; E-mail aalmeida@fc.ul.pt

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

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

Current work: (1) Continuing review of zoarcid genus *Bothrocara* with a visit to Californian collections, May, 2000. I now have a handle on eastern Pacific, but the project needs major work on western Pacific specimens; (2) review of western Indian Ocean Ambassidae (w/P.C. Heemstra) in preparation for Indo-Pacific Fishes Conference in Durban, May, 2001; (3) preparing for more field trips in 2001 to hunt down Devonian fishes in the Western Cape (Emsian and Eifelian ages).

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) tuna, livebait and shark fisheries biology.

ANDERSON, WILLIAM D., JR. Grice Marine Biological Laboratory, 205 Fort Johnson, Charleston, South Carolina 29412-9110, USA. 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).

ANTUNA-MENDIOLA, ALBERTO. Graduate student. Colección Ictiológica (Ichthyological collection). Centro Interdisciplinario de Ciencias Marinas (CICIMAR-IPN). Apartado postal 592, La Paz, Baja California Sur. MÉXICO. C.P. 23000. Tel (112) 2-53-44; Fax (112) 2-53-22; E-mail antuna@hotmail.com

Current work: (1) Taxonomy of the species *Gerres cinereus* (Gerreidae), thesis under the direction of Prof. Castro-Aguirre J.L.; (2) morphologic characterization of the three-spine stickleback *Gasterosteus aculeatus microcephalus* (Gasterosteidae) of Baja California, México (w/Dr. Ruiz-Campos, G.); (3) new record of *Caulolatilus affinis* (Malacanthidae) for the western Pacific (w/ M.S. De La Cruz-Agüero, J.).

AQUINO, ADRIANA E. Postdoctoral Fellow, Department of Ichthyology, American Museum of Natural History, Central Park West at 79th Street, New York, NY 10024, USA. Tel 212-769-5768; FAX 212-769-5642; E-mail aquino@amnh.org

Current work: (1) Still working on the MS of the taxonomic revision of *Hypoptopoma* and related genera (Loricariidae, Hypoptopomatinae); (2) re-evaluation of the phylogenetic relationships of the Hypoptopomatini (w/S. Schaefer); (3) various projects on comparative anatomy of loricarioids, particularly focusing on the pterotic/swimbladder capsule region (w/S. Schaefer); (4) the description of a new species of *Hisonotus* (Loricariidae, Hypoptopomatinae) (w/A. Miquelarena & S. Schaefer) and the redescription of *Hypoptopoma inexpectata* (w/A. Miquelarena) have been submitted for publication, the second now in press. Currently engaged in several Education Projects of the AMNH (Diversity of Fishes, w/M. Stiassny; URL: <http://cu.classroom.com>).

ARRATIA, GLORIA, Institut fuer Paläontologie, Museum fuer Naturkunde, Humboldt Universitaet, Invalidenstr. 43, D-10115 Berlin, GERMANY. Tel. (49) 30-2093-8579; Fax (49) 30-2093-8868; E-mail gloria.arratia@rz.hu-berlin.de

Current work: (1) Preparing the Check-List of Percichthyidae, Perciliidae and Lepidosirenidae for CLOFFSCA. (2) Writing four chapters on the morphology of catfishes for the book "Catfishes". (3) Continue working with the project Sister-group relationship of Teleostei and stem-group teleosts. Interrelationships of both fossil and extant clades; (4) evolutionary transformations of the vertebral column in certain actinopterygians (e.g., basal actinopterygians, basal neopterygians, Amiidae, Lepisosteidae, 'Pholidophoridae', 'Leptolepidae', Elopidae, Megalopidae, Osteoglossomorpha, Gonorynchidae, Cyprinidae and other ostariophysans, Engraulidae, Clupeidae, Denticipitidae, Esocidae, Umbridae, Salmonidae, and others); (4) Morphology and karyotypes of *Nematogenys* and Chilean trichomycterids (with the late Hugo Campos). A long manuscript on the development and structure of the vertebral column and associated elements of fossils and Recent dipnoans has been submitted to the Jour. Morphol. (w/ H.-P. Schultze & J. Casciotta).

AZEVEDO, JOSÉ M. N., Departamento de Biologia, Universidade dos Açores, Rua Mãe de Deus, 9500 Ponta Delgada, Açores, PORTUGAL. Tel + 351 296 653 044; Fax + 351 296 653 455; E-mail azevedo@notes.uac.pt

Currently working on the reproductive biology of littoral marine fishes of the Azores (particularly Labridae and Tetraodontidae). Having recently described the only collectable endemic species of fish from the Azores, I am waiting for grants to revise the taxonomic status of other species, particularly in the Labridae and Muraenidae.

AZPELICUETA, MARÍA DE LAS MERCEDES. CONICET researcher, Dept. Zoología Vertebrados, Fac. de Ciencias Naturales y Museo, Univ. Nacional de La Plata, 1900 La Plata, ARGENTINA. E-Mail

azpeli@netverk.com.ar; azpeli@museo.fcnym.unlp.edu.ar; Fax 0054 221 4257527

Current work: (1) Faunal studies in the province of Misiones, Argentina; (2) systematic studies of the family Pimelodidae (Siluriformes); (3) fossil fishes from the Miocene (w/A. Cione & J. Casciotta); (4) studies of Rivulidae (w/G. García & C. Buti); studies on diet of *Diplomystes mesembrinus* (Diplomystidae) (w/A. Gosztonyi & L. Kuba).

BALART, EDUARDO F. Senior Scientist, Curator of Fishes, Laboratorio de Ictología, Centro de Investigaciones Biológicas del Noroeste, S.C. Mar Bermejo 195, Col. Playa Palo Santa Rita, La Paz, Baja California Sur, MÉXICO 23090. Tel (112) 53633 ext. 3312; Fax(112) 53625; E-Mail ebalart@cibnor.mx

Current work: (1) study of the cryptic fishes associated to reefs and mangroves in the lower Gulf of California (w/L.T. Findley, J. L. Castro-Aguirre, O. Aburto, G. Paredes-Ríos & L. Campos-Dávila); (2) continuing work on the ichthyofauna of the west coast of Baja California Sur (w/L. Campos-Dávila, D. Sánchez, J. Laudino, P. Castro, E. Amador-Silva & J.L. Castro-Aguirre); (3) description of a new species of clupeid from the Pacific coast of Mexico (w/J.L. Castro-Aguirre & G. Campos); (4) anatomical and developmental studies on some shark and rays (w/J. González, L. Cadena, N. Sánchez, F. Galván & C. Villavicencio); (5) paper on the relationships between diversity and density of reef fishes and habitat characteristics (w/O. Aburto); shore-fishes around islands in the Gulf of California (w/J. Rodríguez, L.A. Abitia, F. Galván, V. Cruz & L. Campos-Dávila).

BARREIROS, JOÃO P. Assistant Professor, University of the Azores, Campus de Angra do Heroísmo, 9701-851 Angra do Heroísmo, PORTUGAL. Tel (295) 204563; FAX (295) 332605; E-Mail jpedro@angra.uac.pt

Current work: (1) Ecology and biology of *Epinephelus marginatus* (Serranidae, Epinephelinae) in the NE Atlantic and in S Brazil; (2) feeding behaviour of *Mycteroperca acutirostris* (Serranidae, Epinephelinae) in S Brazil; (3) feeding and reproductive ecology of *Synodus saurus* (Iniomi, Synodontidae) in the Azores; (4) fish assemblages on offshore oil platforms in S Brazil.

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

Current work: (1) Computer compilation of catalog by the Zoological Museum Ichthyological Collection with Isabel Mate & Manel Bueno; (2) continuation of the general study about captures and sales of the Catalanian Sea sharks with I.Mate; (3) compilation of *Cetorhinus maximus* records in the Mediterranean Sea with Isabel Mate, Tiziano Storai & Marco Zuffa; (4) study about ecology of demersal and benthic sharks (*Scyliorhinus*, *Galeus*, *Etmopterus*, *Dalatias*, *Somniosus*, *Squalus*, *Hexanchus*) in Catalanian Sea with I. Mate.

BELLWOOD, DAVID R. Associate Professor, Marine Biology, James Cook University, Townsville, Qld. 4811, AUSTRALIA. Tel +61 (0)7 47814447; Fax +61 (0)7 47251570; E-Mail david.bellwood@jcu.edu.au

Current work: (1) Evolution of reef fishes based on the fossil record, with particular emphasis on the evolution of herbivory. Recently, my research has expanded from the Eocene fossils of Monte Bolca to include Mesozoic fishes. (2) Functional morphology and biogeography of the Labridae (inc. Scaridae) (w/ P. Wainwright & M. Westneat). Looking at functional morphospace and the structure of fish assemblages. (3) Biology reef fish larvae (w/Leis, Job, Fisher), examining the development of locomotor and sensory systems.

BENINE, RICARDO C. Laboratório de Ictologia de Ribeirão Preto (LIRP), Depto. Biologia, FFCLRP-USP, Av. Bandeirantes, 3900, 14040-901, Ribeirão Preto, SP, BRASIL. Tel (055)16 602-3710; Doctoral student in Departamento de Zoologia, IB-UNESP Botucatu. E-mail: rbenine@netsite.com.br.

Current work: (1) Doctoral thesis on phylogenetic relationships of the genus *Moenkhausia* (Characidae: Tetragonopterinae) as part of a thematic project coordinated by R.M.C. Castro as part of the BIOTA/FAPESP – The Biodiversity Virtual Institute Program (www.biotasp.org); (2) systematic revision of the genus *Ctenobrycon* (w/L. Casatti).

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: (1) A paper on genetic variation in *Galaxias vulgaris* in New Zealand with Graham Wallis is under review; (2) a revision of my 1981 fish atlas entitled Freshwater Fish Distribution is in press and will be published in early-mid 2001 by Academic Press; (3) resource partitioning among *Etheostoma* with Joan Bradley is on going; (4) ontogeny of *Diplomystes* with John Lundberg and John Friel is in preparation; (5) Life history of the nurseryfish, *Kurtus gulliveri*, in the Northern Territory of Australia, will be studied in 2001. From mid-February to mid-November 2001, I will be Research Associate at the Museum and Art Gallery of the Northern Territory, P.O. Box 4646, Darwin, NT 0801, Australia. Phone 08 8999 8201. Fax 08 8999 8289. I will continue to use my OSU e-mail address.

BIANCO, PIER GIORGIO Associate Professor, Dipartimento di Zoologia, Via Mezzocannone 8, I-80134 Napoli, ITALY. Tel +39 081 7903349; Fax +39 081 7903342; E-mail gianco@ds.unina.it

Current work: (1) Genetic, cytotoxicology and morphological revision of cyprinids from southern Europe in collaboration with colleagues from several peri-Mediterranean countries; (2) elaboration of chapters for "The Freshwater Fishes of Europe" (edited by Aula-Verlag, Wiesbaden); (3) the revision of European genus *Scardinius* allozyme genetic basis, in collaboration with V. Ketmaier, et al., was submitted to J. Fish Biol.; (4) the revision of the genus *Rutilus* from southern Europe, on molecular genetics basis (w/J. Durand), is in progress; (5) I was involved in several projects on fish production of rivers for the conservation or reintroduction of the Otter (*Lutra lutra*) in National Parks; (6) I was involved in the project CHINAFISH managed by S. Kullander. A first meeting in China is planned on December 2000; (7) I participated in the 2nd IUCN World Conservation Congress in Amman on October 2000. As member of Species Survival Commission (SSC), I tried to submit an Action Plan to support a project on pan-world conservation of freshwater fish (GLOMAFISH).

BÖHLKE, EUGENIA B. Research Associate, Department of Ichthyology, The Academy of Natural Sciences, 1900 Benjamin Franklin Parkway, Philadelphia, PA 19103, U.S.A. Tel: 215 299-1025, Fax: 215 299-1028, E-Mail bohlke@acnatsci.org

Current work: (1) Type catalogue of Indo-Pacific Muraenidae and a current list of valid species.

BOR, TACO J. Prinsenweer 54, 3363 JK Sliedrecht, The Netherlands; E-mail tjbor@doge.nl

Current work: I am continuing to work on the systematics and stratigraphical distribution of fossil elasmobranch teeth from the Cretaceous (Maastrichtian) and Tertiary (Eocene, Oligocene) of The Netherlands and Belgium. In addition I am studying the dentition and systematics of modern sharks and rays.

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 jbriggs@arches.uga.edu

Current work: Papers under review include (1) Fishes and birds; passengers aboard Gondwana life rafts? and (2) New clingfish (Gobiesocidae) from Isla Grande, Colombia. Am working on a paper that will probably be entitled, Systematic notes on the clingfish genus *Rimicola*. I am now involved in a project supported by the National Center for Ecological Synthesis and Analysis called the "Future of biogeography." We plan to organize an International Biogeographical Society and to write a book on the foundations of biogeography. In the previous Newsletter, I mentioned that I was writing a science fiction book set in the late Cretaceous. The book is finished but the problem is to get a literary agent to read it and hopefully recommend it to a publisher. No luck so far. If anyone has a suggestion, please let me know.

BRITTO, MARCELO R. Ph.D. Student. Museu de Zoologia da Universidade de Sao Paulo (MZUSP), Secao de Peixes. Cx. Postal 42694, Sao Paulo, SP, 04299-970, BRASIL. Tel/Fax 55 xx 11 274-3455. E-mail mrbritto@ib.usp.br

Current work: (1) Ph.D. thesis on relationships of superfamily Loricarioidea with other Siluriformes (Ostariophysi) (advisor: M. de Pinna); (2) description of a new Corydoradinae (Callichthyidae) (w/ R. Castro); (3) submitting a manuscript about phylogeny of Corydoradinae (Callichthyidae); (4) description of a new *Otocinclus* (Loricariidae) (w/C. Moreira).

BRITZ, RALF. Assistant Professor, Lehrstuhl fuer Spezielle Zoologie, Universitaet Tuebingen, Auf der Morgenstelle 28, D-72076 Tuebingen, GERMANY. Tel -49-7071-2974850; Fax -49-7071-294634, E-Mail ralf.britz@uni-tuebingen.de

Current work: Continuing projects on (1) phylogeny of Anabantoidei, Channoidei, Nandidae, Badidae, Pristolepidae, Synbranchiformes; (2) osteology of Chaudhuriidae (w/M. Kottelat); (3) taxonomic revision of the genus *Badis* (w/S. Kullander); (4) osteological development of Osteoglossomorpha and Ostariophysi; (5) structure of larval attachment organs in teleosts; (6) development of Polypteriformes.

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: I am continuing work on a comprehensive review of the family Cichlidae and am nearly finished with the American cichlids. I expect to go more deeply into the genera (1a) *Aequidens* and (1b) *Xenotilapia* (tentatively revisions); (2) I have completed transferring my revision of the Pomacanthidae to disk from hard copy and am preparing figures, graphs, etc.; (3) work on reviews of the Corydoradinae (family Callichthyidae) and (4) Anabantoidei are continuing as is work on a (5) revision of the Ambassidae; (6) papers dealing with larval reef fishes, the first on (6a) larval Western Atlantic Acanthuridae (Master's thesis), the next several on (6b) Chaetodontidae and (6c) Pomacanthidae, then on the (6d) Pomacentridae, are in preparation. Additional larval specimens in these groups would be appreciated; (7) new species are in the works in the Chaetodontidae (in press), Pomacanthidae, Cichlidae, Callichthyinae, and Loricariidae; (8) Lee Finley and I are preparing an update to our earlier catfish update; (9) I am also interested in the Embiotocidae and Chaenopsidae and the genus *Nothobranchius* (Aplocheilidae). I repeat that any communication and/or reprints kindly sent to me at TFH in the last 3 years have not been forwarded to me. Please use the Red Bank mailing address and/or e-mail address above.

BURRIDGE, CHRIS P. Postdoctoral Associate, Dept. of Wildlife and Fisheries Sciences, Texas A&M University, 2258 TAMU, College Station, Texas, 77843-2258, USA. Tel (979) 845-5288; Fax (979) 845-4096; E-Mail c-burridge@tamu.edu

Current work: (1) Molecular phylogeny of *Dionda* (Cyprinidae, w/J.R. Gold); (2) Population genetics of the endangered *Notropis mekistocholas* and *D. diabola* (Cyprinidae, w/J.R. Gold); (3) Populations genetics of red snapper, *Lutjanus campechanus* (Lutjanidae, w/L.R. Richardson & J.R. Gold); (4) Molecular phylogeny of the Cirrhitidae (w/T.J. Donaldson & J.E. Randall); (5) Relationships among cirrhitoid families (w/R. Melendez & B.S. Dyer).

BUTH, DONALD G. Professor of Biology, Department 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

Same synopsis as last year; interests continue in catostomids, cyprinids and gasterosteids. Please note that I will be on sabbatical leave from January through June 2001 (contact via e-mail).

CAILLIET, GREGOR M. Professor, Moss Landing Marine Laboratories, 8272 Moss Landing Road, Moss Landing, CA95039, U.S.A. Tel (831) 632-4432; Fax (831) 633-4403; E-Mail cailliet@calstate.edu

Current work: I am mainly a fish ecologist, studying 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). We continue to work on radiometric age validation of deep-sea rockfishes and rattails. 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 completed a two-year survey of the shark and ray fishing camps in the Gulf of California. We also just completed a comprehensive life history data base on 124 species of marine fishes covered by the California Marine Life Management Act, which is available as an excel file electronically or on disk or CD. 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 regularly collected in the Phosphate deposits of Morocco and Middle-East; (2) studies on the dentition of Recent Dasyatoidea, mainly dasyatids and urolophids, from Tunisia, Eastern Atlantic and Western Australia (in collaboration with different colleagues); (3) a revision of European Eocene Odontaspidae, mainly from Belgium (w/D. Nolf); (4) a study of the 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) studies on the evolution and phylogeny of Squaliformes including Recent and fossil forms (w/S. Adnet); (6) the completion of a database including all fossil post-Triassic genera and species of elasmobranchs.

CARPENTER, KENT E. Associate Professor, Department of Biological Sciences, Old Dominion University, Norfolk, Virginia, 23529-0266, U.S.A. Tel (757) 683-4197; Fax (757) 683-5283; email kcarpent@odu.edu

Current work: (1) Revisionary work on Lethrinidae, Sparidae, and Caesionidae continues; (2) continuing phylogenetic studies of sparid genera using osteology and DNA together with T. Orrell at the Virginia Institute of Marine Sciences; (3) nearly complete with a morphological study of sparoid genera together with G. David Johnson of the National Museum of Natural History; (4) comparing molecular and morphological phylogenies of Caesionidae, Lutjanidae, Haemulidae, Lethrinidae, and Scombridae with ODU graduate students; (5) the revision of the FAO Field Guide to Namibia is completed while the Myanmar FAO Field Guide is on hold; (6) volumes 3 and 4 (Rays to Carangidae) of the FAO Western Central Pacific Identification Guide have been printed; volumes 5 and 6 (through marine mammals) to be sent to the printers the first quarter of 2001; (7) currently in the process of producing page proofs for the FAO Western Central Atlantic Identification Guide and we are planning to send this to the printers at the end of 2001.

CARVALHO, MARCELO R. de. Division of Paleontology, American Museum of Natural History, Central Park West at 79th Street, New York, NY, 10024-5192, USA. Tel: 212-769-5664; fax: 212-769-5842; marcelo@amnh.org

Current research: (1) Projects listed in last issue continue, with substantial progress from last year; (2) description of a Late Cretaceous platyrhinid ray from Nardó, Italy (w/J. Maisey).

CASATTI, LILIAN. Postdoctoral researcher, Laboratório de Ictiologia, FFCLRP-USP, Ribeirão Preto, 14040-901, BRAZIL. Tel. 55-16-6023710; Fax 55-16-6023666; E-Mail lcasatti@usp.br

Current work: (1) Study of the ichthyofauna of three reference-streams in a conservation area in São Paulo State (Parque Estadual Morro do Diabo) 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* (reviewing manuscript); (4) systematic revision of *Pachyurus* and *Plagioscion* (in prep.); (5) preparation of Sciaenidae chapter for CLOFFSCA (Check List of Freshwater Fishes of South and Central America); (6) systematic revision of *Ctenobrycon* (w/R. Benine); (7) taxonomy of *Hypostomus* (Loricariidae) from upper Paraná River basin (w/Flávio C.T. Lima).

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 (016) 602-3817; Fax (016) 602-366; E-Mail rmcastro@ffclrp.usp.br

Current work: (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 & C.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 & Alex 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 & Naércio A. Menezes); (7) survey of the marine fishes from a small stretch of protected coastal line of the state of São Paulo, southeastern Brazil (w/F.B. Santos); (8) 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) (2, 3, 4, 5 and 7 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. (1) 122 5322/ 122 5366; Fax: (1) 122 5344; E-mail jlcastroaguirre@hotmail.com

Current work: (1) Ending the Mexican sharks catalog w/H. Espinosa Pérez and L. Huidobro-Campos. (2) Ending the revision of several samples of the fish genus *Lile* from the Eastern Tropical Pacific and preparing the description of a new species w/G. Ruíz-Campos and E.F. Balart. (3) Preparing miscellaneous Golfo de California fish papers on taxonomy and biogeography.

CHEN, XIAO-YONG. Ph.D., 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 *Cyprinus* Linnaeus (Cyprinidae) in Yunnan; (4) taxonomy and phylogeny of genus *Schizothorax* (Cyprinidae) in Yunnan; (5) taxonomy and phylogeny of genus *Paracobitis* (Cobitidae) in Yunnan. I am interested in *Schizothorax*, Barbinae 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 Barbinae 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*). I am interested in Barbinae and *Schizothorax* fishes, especially those species distributed in Yunnan, lower Irrawaddy, Salween, Mekong and Red River. I also like to do some conservation work 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 a book "Arctic Marine Fishes of Canada"; (2) completing various papers on systematic problems in Canadian and Iranian fishes.

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. Tel (202) 357-2524, Fax (202) 357-1896. E-mail collette.bruce@nrmh.si.edu

Current work: (1) Sections on Belonidae and Hemiramphidae for Fishes of the western North Atlantic; (3) FAO world catalogue of beloniform fishes (w/N.V. Parin); (4) phylogenetic studies of the Belonidae (w/H. Banford & N. Lovejoy); (5) revision of halfbeaks of the genus *Zenarchopterus*; (6) sexual dimorphism in the southeast Asian freshwater needlefish, *Xenentodon* (w/M. Kottelat); (7) hybridization between *Cephalopholis fulva* and *Paranthias furcifer* in Bermuda (w/M. Bostock, J. Graves & B. Luckhurst); (8) faunal study of the fishes of the

West Wind Drift islands and sea mounts; (9) hermaphroditism in *Serranus novemfasciatus* (w/C. Roberts); (10) description of a new species of toadfish (*Opsanus*) from Belize; (11) fishes of Navassa Island (w/J. Williams, C. Thacker & M. Smith); (12) morphological and molecular studies on Bermuda populations of *Fundulus* (w/J.M. Grady & J.M. Quattro); and (13) 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.

COX FERNANDES, CRISTINA. Adjunct Research Assistant Professor, Dept. of Biology, University of Massachusetts, Amherst MA 01002, U.S.A. Tel (413) 545-4391; Fax (413) 545-3243; e-mail cristina@bio.umass.edu AND Researcher at Instituto Nacional de Pesquisas da Amazônia, Manaus, Brasil.

Current work: (1) Study of the ichthyofauna within floating mats of vegetation near Manaus, with Lúcia Rapp Py-Daniel and colleagues; (2) study of large-scale ecology and distribution of benthic fishes across the Amazon basin; (3) taxonomy and sexual dimorphism of several species of Gymnotiformes of the family Apterodontidae, such as *Apterodontus hasemani*, *Oedemognathus exodon* and *Sternarchorhynchus curvirostris* (w/J.G. Lundberg); (4) description of three new species of the genus *Apterodontus* with David Santana and Ricardo Campos-da-Paz.

CRAIG, MATTHEW T. Scripps Institution of Oceanography, UCSD-0208, 9500 Gilman Dr., La Jolla, CA 92093-0208, U.S.A. E-mail mcraig@ucsd.edu.

Current research: (1) Phylogenetic relationships among the Epinepheline serranids based on DNA sequence data, (2) Phylogenetic relationships and biogeographic patterns in the Chaenopsid blennies from inferred DNA sequences, (3) Sequence divergence rates across the Panamanian Isthmus in sister species of *Acanthemblemaria* (Chaenopsidae).

DE LA CRUZ - AGÜERO, JOSE. Professor and Associate Curator. Ichthyological Collection (CI). Centro Interdisciplinario de Ciencias Marinas (CICIMAR-IPN). Apdo. Postal 592, La Paz, Baja California Sur, MEXICO 23000 Tel (112) 25344 ext. 2425; Fax (112) 25322. E-mail jcruz@redipn.ipn.mx and coleict@redipn.ipn.mx

Current Work: (1) I have finished the manuscript on systematic and biogeography of the gerreid genus *Eucinostomus*. (2) Completion of the third phase of the computer database of the ichthyological collection (CICIMAR-CI) (w/Adrián Gonzalez - Acosta). (3) Preparing a manuscript about caudal skeleton of several genera of the family Gerreidae. (4). Preparing a bilingual (Spanish/English) CD-ROM on the Marine Fishes of Baja California Sur (CD- updated version of the book "Catálogo de los Peces Marinos de Baja California Sur" ISBN 970-18-0338-8).

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) E-mail: eddyderijst.systichthys@belgacom.net

Still working on a systematic overview of the fishes. Helping on a new database "TAXOMANIA" (very usefull for museum purposes) in the IRSNB (see "General announcements"). Several nomenclatural problems are in study.

DINGERKUS, G. Director, Natural History Consultants, Inc., 90 Woodhill Drive, #3, Goshen, New York 10924-1429, U.S.A. Tel 845 294-8776.

Current work continues on finishing various chondrichthyan projects; work continues on conservation and aquaculture of endangered species. An updated and revised version of "The bibliography of paddlefishes, family Polyodontidae. Including all Recent and fossil forms known" together with T.A. Georgi of Doane College, Crete, Nebraska, is in preparation for end of 2000. Any reprints or pre-prints of polyodontid publications would be appreciated, sent to either compiler.

DITTY, JIM. Head, Taxonomy and Ecology Lab, Fishery Ecology Branch, NMFS, Southeast Fisheries Science Center, 4700 Ave. U, Galveston, Texas, 77551, U.S.A. Lab phone (409) 766-3550; Fax (409) 766-3508; E-mail Jim.Ditty@NOAA.gov

Current work: Completing dissertation on ontogeny of blenny larvae (Family Blenniidae) from the Gulf of Mexico; assembling several family sections for a guide to identification of larval fishes from the western

central North Atlantic, edited by Bill Richards. Will be in the South China Sea during October, 2000 and hope to collect specimens of *Hapalogenys* to investigate their phylogenetic placement. I suspect *Hapalogenys* may belong with the tripletails, Family Lobotidae. Hope to develop additional contacts throughout the world for collaborative work on larval development. Developing a short course in larval fish taxonomy that I hope to periodically conduct as requested.

DONALDSON, TERRY J. Senior Scientist, International Marineline Alliance, University of Guam Marine Laboratory, UOG Station, Mangilao, Guam 96923 USA. Tel (671-735-2187); Fax (671-734-6767); E-mail donaldsn@uog9.uog.edu.

Current work: (1) Life history, historical ecology and behavior, molecular biology and biogeography of Serranidae, Cirrhitidae, Pinguipedidae, Labridae, and various species in the aquarium and live reef fish food trades (some collaboration with A. Nakazono, Y. Sadovy and R. Myers); (2) revision of Cirrhitidae (w/J. Randall & C. Burrirdge); (3) new records and annotated check list of fishes of the Palau Islands (w/R. Myers, J. Randall et al.); (4) two books on hawkfishes (Cirrhitidae) and "Fishes of the Philippines" still in progress; (5) editorial duties; (6) organizing a symposium on marine biodiversity for the Pacific Science Inter-Congress to be held in Guam in June, 2001. I have been named the new Chair of the International Union for the Conservation of Nature (IUCN) Coral Reef Fishes Scientific Specialist Group and am looking to expand membership. I have also been named a member of the Organizing Committee of the newly formed Society for the Conservation of Reef Fish Aggregations (which met in October 2000 at the 9th International Coral Reef Symposium in Bali, Indonesia). The International Marineline Alliance is currently refitting a research vessel, the R/V Alliance, that is designed for nearshore/inshore explorations in the Indo-West Pacific region. Persons interested in either of these groups or the vessel should contact me via email.

DUHAMEL, GUY. Pr. Curator of Fishes, Laboratoire d'Ichtyologie générale et appliqué, Museum national d'histoire naturelle, 43 rue Cuvier, 75231 Paris Cedex 05, FRANCE. Tel 33 1 40793755 ; Fax 33 1 40793771 ; E.mail duhamel@mnhn.fr

Current work : (1) Study of mesopelagic fish assemblages in the Southern Indian Ocean (38°- 45°S/ 70°- 80°E) from results of a cruise conducted during April 2000. (2) study of mesopelagic fish assemblages in the Polar Frontal Zone off the Kerguelen islands (Southern Ocean) from 1998 to 2000 (monitoring study). (3) Finalize (2001) a guide of fish from the Kerguelen and Crozet islands. About 120 species from the coastal/shelf zone to deep-sea and pelagic waters with many new records for the area comparatively to the last synthesis « Fish of the Southern Ocean » (Gon and Heemstra, 1990) (4) describe a new species of *Nansenia* (Microstomatidae) (5) continue the registration of old collections (Pacific sector, deep sea cruises...) in the MNHN fish collection.

ECONOMIDIS, PANOS STAVROS. Professor, Aristotle University of Thessaloniki, Department of Zoology, Box 134, GR-54006 Thessaloniki, GREECE. Fax: + 30-51-99.82.79, Tel + 30-51-99.82.65 & -99.83.34, email psecon@bio.auth.gr

Current work: Continuation of those referred in Newsletter of 1999: (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, and (5) new records of marine fish from Greek Seas, (6) diadromes fish species, as sturgeon, shads in Greek water.

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

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

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

Work on the "Catalog of Fishes" project continues. We received a two-year Sloan Foundation grant for a project on a "Census of Marine Life" in collaboration with FishBase. A new version of the "Catalog of

Fishes" will appear in the 2001 FishBase CD, and we expect to post new versions on the CAS www site in 2001. I continue to return loans. Under current plans, the Academy will close in about 2 years or so, be mostly demolished, and then rebuilt on the same site over the succeeding 4 years or so. There is a strong possibility that we will not have access to most/all specimens during that 4-year (or more) period, so please arrange for loans or visits before closure. I continue to plug away on a couple of manuscripts. I replaced Tomio Iwamoto as Department Chair as of July 2000; direct pertinent correspondence to me, and direct loan correspondence directly to David Catania dcatania@calacademy.org.



FERRARIS, CARL J. 2944 NE Couch St. Portland, OR 97232, U.S.A. E-mail cferraris@email.msn.com, or ferraris@calacademy.org; Tel. 503 234-2095

The year 2000 was one of major change, brought about mainly by my move from San Francisco to Portland, OR. While I maintain formal ties with CAS, I can no longer easily field questions about specimens in the CAS collection or about fish literature. Such questions need to be directed to one of the curators or the collection manager.

Current work: CLOFFSCA, a checklist of freshwater fishes of South and Central America and the Caribbean Islands, occupies most of my time. As co-editor, along with Sven Kullander and Roberto Reis, we are busy reviewing the contributions of the more than 30 authors who are involved in the project. Publication is targeted for late 2001. In addition, a revision and phylogenetic study of the whale catfishes (Cetopsidae, Cetopsinae) is continuing with Richard Vari and Mário de Pinna. Studies of various catfishes, primarily from Myanmar and south-western China are proceeding, slowly.



FIGUEIREDO, CARLOS A. Doctoral student, Museu de Zoologia da Universidade de São Paulo. Seção de Peixes. Av. Nazaré, 481, Ipiranga. CEP 04263-000, São Paulo, SP. BRAZIL. Tel/Fax 55 11 274-3455; 55 11 274-3690; 55 11 272-0266 ; E-mail: carlosaf@ib.usp.br

Current work: (1) Phylogeny of the subfamily Poeciliinae (Cyprinodontiformes, Poeciliidae) with special emphasis in the tribe Poeciliini (PhD thesis; 3rd year); (2) I was forced to delay the end of the revision of *Pamphorichthys* work because of two newly discovered species related to the genus; (3) redescription of *Limia heterandria* (Poeciliidae) (w/F. Breden); (4) investigation on the specific status of the Endler's guppy (Poeciliidae) (w/F. Breden & H. Brooks); (5) description of a new species provisionally assigned to genus *Poecilia* (Poeciliidae) from central Brazil; (6) description of a new species of *Pamphorichthys* (w/A. Clistenes); (7) revision of the Characidiinae (Crenuchidae) of Paraguay (w/Dr. P. Buckup); (8) field manual: The fishes of the upper rio Tocantins (w/Dr. E. Caramaschi); (9) description of a new species of *Retroculus* (Cichlidae) from the upper rio Tocantins (w/ M.I. Landim)

FRICKE, RONALD. Curator of Fishes, Ichthyology, Staatliches Museum fuer Naturkunde, Rosenstein 1, D-70191 Stuttgart, GERMANY. Tel. +49 711 8936 256; Fax +49 711 8936 100; E-Mail ronfricke@compuserve.com

Current work: (1) Callionymid fish systematics, including zoogeography and descriptions of new species; (2) draconetid fish systematics; (3) tripterygiid fish systematics; (4) revision of Western Indian Ocean Tripterygiidae (w/W. Holleman); (5) Mascarene fishes; (6) annotated checklist of the fishes of New Caledonia (w/J. Rivaton, M. Kulbicki); (7) New Caledonian Gobiesocidae, Syngnathidae and Clinidae; (8) Red Lists of European marine fishes; (9) editing the monograph series THESESES ZOOLOGICAE. Major travel includes New Caledonia (November/December 2000).

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) functional morphology of feeding in serrasalmine fishes (Characidae); (3) descriptions of new banjo catfishes (Aspredinidae); (4) identification of freshwater fishes from Gabon; (5) catalog of fish type specimens in the Cornell University Museum of Vertebrates.

FROESE, RAINER. Senior scientist, International Center for Living Aquatic Resources Management (ICLARM), MC P.O. Box 2631, 0718 Makati, PHILIPPINES. E-Mail: r.froese@sp2000.org

Current work: (1) Together with the FishBase team and many partners, continue work on FishBase, a global database on fish now covering over 25,000 species (www.fishbase.org); (2) in collaboration with FishNet, make more (currently 12) fish collections accessible through one interface (www.fishbase.org/SearchFishCollections.cfm); (3) in collaboration with W.N. Eschmeyer, harmonize names and status information between FishBase and the Catalog of Fishes (both (2) & (3) are supported by a Sloan grant in the Census of Marine Life Program); (4) together with Sven Kullander, Roberto Reis and Carl Ferraris, continue work on the Checklist of the Freshwater Fishes of South and Central America (CLOFFSCA); (5) continue to work on the Species 2000 Project Management Team, especially the Annual Checklist, which will be available on CD-ROM and on the web by December 2000 (www.sp2000.org).

FUIMAN, LEE A. Research Scientist and Associate Professor, Department of Marine Science, University of Texas at Austin, 750 Channel View Drive, Port Aransas, Texas 78373, U.S.A. Tel. (361) 749-6775; Fax (361) 749-6777; E-Mail lee@utmsi.utexas.edu; website www.utmsi.utexas.edu/staff/fuiman

Current work: (1) Review of sensory systems in coral reef fishes (w/ A.A. Myrberg, 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 (it's not exactly fish, but it's really cool and it provided the data for item (6)). I will be at McMurdo Station, Antarctica during October, November, and December 2001.

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

Current work: (1) Continuing revisionary studies of the Anostomidae genus *Schizodon* and *Leporinus* (w/ H.A. Britski); (2) generic revisions of *Hisonotus* and *Microlepidogaster* of the Hypoptopomatinae subfamily (Loricariidae) (w/S.A. Schaefer & H.A. Britski); (3) revision of the genus *Steindachneridion* (Pimelodidae, Sorubiminae); (4) descriptions of new species of the genera *Hypostomus*, *Rhamdia* and *Pimelodus* from the rio Iguaçú basin (w/O.A. Shibatta) and *Cnesterodon* and *Jenynsia* (w/P.H.F. Lucinda).

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/Fax (11) 274 3455 or 2743690. ext.219; E-mail: ghazzi@ib.usp.br

Current work: I'm still working on my PhD project on the systematics of the genus *Sturisoma* (Siluriformes, Loricariidae), including taxonomic revision, and phylogenetic relationships of the genus among other loricarids. My advisor is Dr. Naercio Aquino Menezes.

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: I concluded my M. Sc. thesis entitled "Behavior and feeding habits of four species of Serranidae (Perciformes) at the São Sebastião channel, SP, Brazil", in this year (that included activity, feeding behavior, diet and comparative morphology associated with

feeding of *Diplectrum formosum*, *D. radiale*, *Epinephelus marginatus* and *Mycteroperca acutirostris*), whose manuscript is in preparation to publication. Currently I am a Doctoral researcher on my project "Biology and ecomorphology of a coastal marine fish community in southeastern Brazil".

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; homepage: <http://www.nhm.ac.uk/zoology/home/gill.htm>

Current work: Studies listed in the last 3-4 issues on acanthomorph relationships and anatomy (particularly on gobioids, pseudochromids and centrogeneiids) and on the systematics and biogeography of various Indo-Pacific taxa (particularly pseudochromids, xenisthmids, gobiids, *Notograptus*, *Canthidermis*, *Scatophagus* and *Lates*) continue at various rates (w/various collaborators); recent fieldwork has been in Abu Dhabi (sponsored by ADCO oil company) and southeastern Queensland (w/J. Johnson and other QM staff). Papers recently completed and now in peer review include: (1) descriptions of three new species of the pseudochromid genus *Pseudochromis* (2 papers; w/G.R. Allen); (2) description of a new species of the pseudochromid genus *Pholidochromis* (w/H. Tanaka); (3) description of a new species of the pseudochromid genus *Lubbockichthys* (w/H. Senou); and (4) paper on widespread Indo-Pacific shore-fish species (w/J. Kemp). The following papers are in the final stages of write-up and should be completed within the next few months: (1) revision of the Western Indian Ocean pseudochromid genera *Chlidichthys* and *Pectinochromis* (w/A.J. Edwards); (2) revision of the marine fish section from F.R. Irvine's (1947) *The Fish and Fisheries of the Gold Coast* (w/A.J. Edwards & P. Abohweyere); (3) phylogenetic position of the Notograptidae within the Plesiopidae (w/R.D. Mooi); (4) molecular phylogeny of the Chaetodontidae (w/ S. McDonald, T. Littlewood & T. Cribb); (5) systematics of the xenisthmid genus *Allomicrodemus* (w/ D.F. Hoese); (6) review of the balistid genus *Balistapus* (w/A. Thomas); (7) description of a new western Indian Ocean *Dascyllus* (Pomacentridae) with a reevaluation of *D. carneus* (w/J. Kemp); (8) description of two new species of the gobiid genus *Eviota* (w/S. Jewett); and (9) revision of the pseudochromid subfamily Anisochrominae (w/R. Fricke). New studies include: (1) popular guide to pseudochromids (w/H. Tanaka); (2) biogeographic analysis and checklist of the fishes of the Ningaloo to Dampier area, Western Australia (w/J.B. Hutchins & R.D. Mooi); and (3) note on Queensland pseudochromids (w/J. Johnson).

GOLANI, DANIEL. Curator of Fishes, Department of Evolution, Systematics and Ecology, The Hebrew University of Jerusalem, 91904 Jerusalem, ISRAEL. Tel 972-2-6585872; FAX 972-2-5666804; 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) stock identification of Mullidae and Merlucciidae in the Mediterranean; (3) ichthyofauna of the Red Sea, with emphasis on shallow sandy shore fish; (4) taxonomy of Holocentridae and Mullidae; (5) effect of thermal effluent on nearshore fish communities in the Mediterranean; (6) commercial fisheries in the Levant.

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

Current work: (1) Preparation of the final manuscript for a revision of the genus *Bodianus* (family Labridae); (2) revision of the genera *Chellinus* 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 Uranoscopidae) from New Zealand, with McPhee; (7) participation in the production of Fishes of Australia (see general announcement). After several years of distractions associated with the development and construction of a new museum building, I expect to be returning to an active research program.

GON, OFER. J.L.B. 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 apogonids of the western Indian Ocean continues (Apogonidae); (2) the revision of the genus *Siphamia*

(w/G.R. Allen) continues; (3) the revision of the *Apogon coccineus* species group (w/D. Greenfield) continues; (4) review of western Indian Ocean clupeiform fishes started (w/M.E. Anderson) (Clupeiformes).

GONZÁLEZ-ACOSTA, ADRIÁN F. Colección Ictiológica, CICIMAR-IPN, Centro Interdisciplinario de Ciencias Marinas (<http://www.cicimar.ipn.mx>), Playa El Conchalito s/n, Apartado Postal 592, La Paz Baja California Sur, MÉXICO. C.P. 23000. Tel. (112) 253.44, Fax (112) 253.22. Email aacosta@redipn.ipn.mx (New) and agacosta@hotmail.com

Current work: (1) In January, 2000, I started my doctorate program at CICIMAR with advice of Dr J.L. Castro-Aguirre, my proposal of research is the Systematic and Biogeographic study of the genus *Eugerres*, based on morphometric studies (meristics and osteology), with specimens catalogued in Mexican museums and other countries (if you can gift or loan specimens of *Eugerres*, please let me know). An interesting topic on my research is over the vicariant *E. mexicanus*, species confined to freshwater environments of SE México and N. Guatemala. (2) Study of systematic and taxonomy of fishes from northwest of México (w/ J. De la Cruz-Agüero and J.L. Castro-Aguirre). (3) Ecological studies on fishes from coastal lagoon of México. (4) Working about the ecological status of fishes from continental waters (freshwater and brackish water) of Baja California Peninsula (w/ G. Ruiz-Campos).

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

Current work: (1) Study of inshore fishes of Chubut Prov., Argentina (Atherinopsidae, Nototheniidae, Batrachoididae, Tripterygiidae); (2) ecological studies of the Río Chubut Ichthyofauna (Diplomystidae, Atherinopsidae, Percichthyidae and Salmonidae); (3) organizing the ichthyological collection of the Centro Nacional Patagónico.

GROVE, JACK S. 166 Peace Ave. Tavernier, Florida. 33070, U.S.A. Tel 305 852-6004; Fax 305 853-0057; E-Mail jsgIMAGES@aol.com; Home Page www.JSGrove.com

Current work: (1) continued study of the ichthyofauna of the Galapagos Islands; (2) West to east dispersal of Equatorial Pacific fishes related to El Niño (w/R. Robertson).

GUAZZELLI, GIZELANI MULLER, PhD 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: +55 - 11-2720266 ext. 3219; e-mail: Guazelli@ib.usp.br

Current work: Relationships of the genus *Pimelodella* Eigenmann & Eigenmann, 1888 (Siluriformes, Pimelodidae), including a taxonomic revision, which is my Ph.D thesis under supervision of Dr. Naercio Menezes.

GUIBORD, ANNIE-CHANTAL. Ph D Candidate, Advisor Dr. François Champleau, Dept. of Biology, University of Ottawa, Post Office Box 450, Station A, Ottawa, Ontario, K1N 6N5, CANADA. Tel (613) 562-5800 ext 6360; Fax (613) 562-5486; E-Mail: aguibord@science.uottawa.ca

Current work: (1) Monophyly and phylogenetic analysis of the family Rhombosoleidae (Pleuronectiformes); (2) taxonomic revision and phylogeny of the family Poecilopsettidae (Pleuronectiformes); (3) phylogenetic position of the Achirosettidae (Pleuronectiformes); (4) resolution of the relationships between Poecilopsettidae and Rhombosoleidae. I will attend the Indo-Pacific Conference in Durban in May 2001. One article (with F. Champleau), on a new species of *Poecilopsetta* in the Pacific, currently under revision. In the next year, a revision of the genus *Poecilopsetta* will be sent for publication, as well as articles on the Rhombosoleidae and Achirosettidae.

HAROLD, ANTONY S. Assistant Professor and Curator of Grice Marine Laboratory (GMBL) fish collection, Department of Biology, College of Charleston, Charleston, South Carolina 29412, U.S.A. Tel (843) 406-4027; Fax (843) 406-4001; E-Mail harolda@cofc.edu

Current work: Phylogenetic and biogeographic studies of (1) coral gobies (*Gobiodon*), including morphological- and molecular-based analyses, (2) marine hatchetfishes (Sternoptychidae) and other stomiiforms, (3) Neotropical characids, (4) *Bregmaceros* (Gadiformes). Other ongoing work includes life history evolution in gobioids.

HEEMSTRA, PHILLIP C. Principal Ichthyologist, J.L.B. Smith Institute of Ichthyology, Private Bag 1015, Grahamstown, 6140, SOUTH

AFRICA. Tel (046) 636-1002; Fax (046) 622-2403; E-mail p.heemstra@ru.ac.za

Current work: (1) East Coast Fish-Watch Project: a biodiversity initiative of divers and scientists working together to learn more about fishes. This Project involves teaching divers how to identify fishes, ongoing survey of the South African fish fauna, and creation of a South African fish information database; (2) completing descriptions of five new species of serranid fishes, a new sole (*Zebrias*), a new moray (*Gymnothorax*) and zoogeographic/ecological papers on the fishes of the Vema Seamount and the deep demersal fishes of the Comores; (3) research, writing and editing of manuscripts for our multi-collaborative book on fishes of the Western Indian Ocean (J.E. Randall, co-editor).

HENDRICKSON, DEAN A. Curator of Ichthyology, Texas Natural History Collections, Texas Memorial Museum, 10100 Burnet Rd. PRC176/R4000, University of Texas at Austin, Austin, TX 78758-4445, U.S.A. Tel 512-471-9774; E-Mail deanhend@mail.utexas.edu; FAX 512-471-9775

Current work: (1) Conservation status, population structure, food webs and ecology of the fish and invertebrate faunas of Cuatro Ciénegas, Coahuila, México; (2) Testing *Cichlasoma minckleyi* polymorphism hypothesis using microsatellite DNA; (3) Description of a new Siluriform family from Chiapas (w/R. Róviles & J. Lundberg); (4) Phylogeny of Ictaluridae, with focus on relationships of *Prietella*; (5) Laboratory studies of light sensitivity and reproduction in *Prietella*; (6) Conservation status and description of an undescribed native trout of the Sierra Madre Occidental of México; (7) Description of a new species of *Agosia* (Cyprinidae) from NW Mexico.

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

Current work: (1) Molecular and morphological variation in populations of the marine silverside fish *Atherinops affinis* (Atherinopsidae), with graduate students William Cavanagh and Kelly O'Reilly; (2) trophic position and digestive physiology of *Atherinops affinis*, with postgraduate Elaine Logothetis and graduate student Darryl Smith; (3) comparative gut morphology and ultrastructure and digestive enzyme activity of *Atherinops affinis* and two related silverside species, *Atherinopsis californiensis* and *Leuresthes tenuis*, with undergraduate Chad Freeman and graduate student Andrea Jones; (4) genetic adaptation and phenotypic plasticity in gut structure and function in four related species of pricklebacks (Stichaeidae) within a phylogenetic context, with research associate Anna Gawlicka and graduate student Donovan German; (5) digestive enzyme activity in juvenile and adult *Brycon guatemalensis*, an insectivorous / frugivorous fish (Characidae) from tropical rain forest streams of Costa Rica, with graduate student Karen Drewe.

HUREAU, JEAN-CLAUDE. Professeur au Museum national d'histoire naturelle, Curator of Fishes, Laboratoire d'Ichtyologie générale et appliquée, 43 rue Cuvier, 75231 Paris Cedex 05, FRANCE. Tel +33 1 40 79 37 56; FAX +33 1 40 79 37 71; E-mail: hureau@mnhn.fr

Current work: (1) Curation and general management of the collection of Fish of the MNHN with my colleagues Guy Duhamel and Patrice Pruvost. (2) Maintenance and improvement of the free access of GICIM on Internet <http://www.mnhn.fr/base/gicim.html> (3) Responsibility and development of the GICIM database and its close inter-connections with other databases (more specifically with FISHBASE and PISCES, with standardisation of the taxonomy, participant of the Consortium for FishBase). (4) Cytogenetics and systematics of notothenioid fishes, together with Catherine Ozouf-Costaz and Guillaume Lecointre and co-operation with an Italian team (Eva Pisano). (5) Follow-up of the exhibition 'The Polar Adventure' which is being circulating in France. (7) Preparation and participation to the ICOTA programme, at the Antarctic French scientific station Dumont d'Urville (Jan.-Feb. 2001).

HUTCHINS, J. BARRY. Curator of Fishes. Fish Section. Dept of Aquatic Zoology, Western Australian Museum of Natural Science, Francis St, Perth, Western Australia 6000, AUSTRALIA. Tel: 61 8 94272744; Fax: 61 8 94272882; Mobile: 0417 940983; Email: hutchb@museum.wa.gov.au.

Current work: (1) Investigation of the marine life of the Dampier Archipelago (team leader); (2) continuing studies on the recruitment of tropical reef fishes at Rottneet Island; (3) review of the monacanthid genus *Thamnaconus* (w/K. Matsuura); (4) biodiversity of the fishes of

the west Pilbara coast, Western Australia (w/T. Gill & R. Mooi); (5) descriptions of a new monacanthid from the Seychelles and Marshall Islands; (6) revision of the gobioid genus *Alabes* (w/S. Morrison); (7) biogeography of monacanthid fishes (for IPFC in Durban).

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 and southeast Asia with T. Taniuchi and Sho Tanaka; (3) systematic study of the freshwater fishes of the Mekong River with H. Sugiyama; (4) systematic study of the demersal fishes of Ghana; (5) research of the endangered elasmobranchs with SSG/IUCN. From February to July I stayed in Nha Trang, Vietnam. I frequently sampled skate specimens at the fish market. Also, I collected stingray specimens. In July, Bernadett Mabel Manjaji, PhD student at the University of Tasmania visited the Museum of the Tokyo Fisheries University. She and I examined the stingrays specimens from India, Thailand, Laos and Vietnam. In October, I joined the survey on the demersal fishes along the coast of Ghana. We caught more than 120 species of fishes.

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) Guide to grenadiers of New South Wales, Australia (w/K. Graham) consumed most of yr 2000 research time, but project nearing completion. (2) Chapter on grenadiers (w/P.J. McMillan) for book on New Zealand EEZ fishes (Clive Roberts project leader) to be pushed in year 2001. (3) Description of a new "West Wind Drift" species of *Caelorinchus* worked on during summer with student intern Bryan Marquardt (to be co-authored with Marquardt and Yuri Shcherbachev). Anticipate completion in coming year. (4) Description of new sp. of *Caelorinchus* from Mediterranean with Nicola Ungaro. (5) Historical review of ichthyology at the California Academy of Sciences.



IWATSUKI, YUKIO Professor, Fac. Of Agriculture, Miyazaki University, 1-1 Gakuen-Kibanadai-nichi, Miyazaki 889-2192, JAPAN. E-mail yuk@cc.miyazaki-u.ac.jp; Tel. +81-985-58-7222; Fax +81-985-58-2884

Current work: (1) Review of Indo-Pacific *Gerres*; (2) revision of the genus *Hapalogenys*; (3) review of western Pacific *Dentex*; (4) marine fish fauna from southern Japan; (5) larval fish study in local area.

JAMES, GAVIN Senior Scientist, National Institute of Water & Atmospheric Research, Box 8602, Christchurch, NEW ZEALAND. Tel (64-3) 348-8987, Fax (64-3) 348-5548. Email g.james@niwa.cri.nz

Current work: Maintains an interest in the systematics of the Oreosomatidae and Pleuronectidae (Rhombosoleinae).

JAYARAM, K.C. Retd. Joint Director, Zoological Survey of India, "Padmaja", New No.2 (Old No. 22), III Main Road, Officers Colony, Adambakkam, Chennai 600 088 INDIA. Tel 245 2843; Email jayramkc22@hotmail.com

With advancing age and debilitating diabetes, I am winding up my research activities. The commitments are being attended to. The revision of *Labeo*, the doctorate work of one of my students, is published as Occasional paper of ZSI. The world revision of *Mystus*, doctorate work of another student, is being updated and will be sent for publication shortly. The investigation on the Mahseer fishes of Deccan for which I was awarded the Pitambar Pant National Environment Fellowship by the Ministry of Environment, is being made ready and will be published as a monograph. In the meantime I am disposing off my personal library collection of reprints and books. Cyprinid reprints have been sold off. Siluroid reprints are available. Also I have a near complete reprint collection of the late Dr.S.L.Hora. Interested persons may contact me.

KAILOLA, PATRICIA J. 19 Walkers Avenue, Newnham, 7248, Tasmania, AUSTRALIA. Tel. 61 3) 6326 6948; Fax. 61 3) 6326 6958; email pkailola@compuserve.com

Current work: (1) Systematics of estuarine fishes from southern New Guinea; (2) systematics of catfishes (Ariidae); (3) recording distribution and effects of introduced and/or invasive freshwater fish species.

KIM, BYUNG-JIK Graduate Student, Lab. Marine Biodiversity, Graduate School of Fisheries Sciences, Hokkaido University, 3-1-1 Minato-cho, Hakodate, Hokkaido, 041-8611, JAPAN. Tel (138) 40-5540; Fax 138-40-5539; E-Mail kimbj@fish.hokudai.ac.jp.

Current Works: (1) Comparative morphology and phylogenetic relationships of the family Mullidae under the direction of Prof. K. Nakaya & Associate Prof. M. Yabe; (2) Hyoid and barbel muscles in Mullidae (Perciformes) and Polymixiidae (Polymixiidae) (w/M. Yabe & K. Nakaya); (3) redescription of a poorly-known goatfish, *Upeneus doriae* from the Persian Gulf and comparison with *U. sulphureus* (Perciformes: Mullidae) (w/K. Nakaya); (4) a new species of *Upeneus* (Perciformes: Mullidae) from the western Pacific Ocean (w/K. Nakaya).

KIM, IK-SOO Professor, Faculty of Biological Sciences, Chonbuk National University, Chonju 561-756, REPUBLIC OF KOREA. Tel 82-63-270-3354; E-mail kim9620@moak.chonbuk.ac.kr; Fax 82-63-270-3361

Current work: (1) Revisionary work of families Cyprinidae and Cobitidae in Korea; (2) writing a guide book on the freshwater fishes of Korea; (3) I have interest in the biogeography of the Korean endemic freshwater fishes.

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

Current work: (1) Revision of Indo-Pacific marine atherinid fishes (family Atherinidae) (w/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. Matsuura & 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.

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, Vietnam and Laos, including faunal surveys, descriptions of new taxa and revisionary work in (but not restricted to): Cyprinidae, Belontiidae, Cobitidae, Balitoridae, Sisoridae; (2) fish diversity in Sri Lanka and India (w/R. Pethiyagoda); (3) osteology of Chaudhuriidae (w/R. Britz); (4) production of a revised and expanded version of my 1993 Indonesian fish guide. The Laos field guide is in press and should appear in late 2000 or early 2001. An overview of the fishes of northern Vietnam is completed and hopefully will be published in 2001.

LANDIM, MARIA ISABEL Graduate student, Laboratório de Ictiologia Geral e Aplicada, Depto. de Zoologia, Universidade Federal do Rio de Janeiro, Cidade Universitária, CCS, Bloco A, Rio de Janeiro, RJ. CEP: 21941-569. BRASIL. E-Mail milandim@openlink.com.br; Tel/fax 55 (21) 560-5993

Current work: (1) Master thesis on the phylogeny of Geophaginae (Cichlidae), with morphological data, to be finished by the beginning of 2001; (2) description of a new *Retroculus species* (w/C.A. Figueiredo).

LARSON, HELEN K. Museum and Art Gallery of the Northern Territory, P.O. Box 4646, Darwin, N.T. 0801, AUSTRALIA. Tel 61 08 8999 8201, Fax 61 08 8999 8289; E-mail helen.larson@nt.gov.au

Current work: (1) *Oxyurichthys* (w/F. Pezold) is getting closer to finishing; (2) the *Mugilogobius* monograph should hopefully be out by the time this newsletter goes out; (3) the gobioid text for the Coastal Fishes of the Western Indian Ocean book is in more complete shape, partly thanks to an MNHN-sponsored visit to their collections in August; and I hope to spend time in Grahamstown next year finishing up the work; (3) the FAO western central Pacific gobioid keys (w/Ed. Murdy) are finished; and (4) many other goby projects are waiting for some uninterrupted time in which to finish them, which will probably be after our museum's new Natural History Gallery opens. And after two years'

inconvenience, the NTM fish collection is now safely moved into its new building (complete with futuristic fire suppression system).

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. (58-2-7938321), Fax: 58-2-7937493; e-mail: lassoc@mixmail.com and lassoc@usa.net

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, R. Suárez & J. Meri); (3) Ichthyofauna of Golfo de Paria and Rio Tuy basin (w/F. Provenzano & O. Lasso-Alcalá); (4) Ichthyofauna of Orinoco Delta (w/V. Ponte & A. Machado-Allison); (5) Ichthyofauna of Cataniapo River basin, Amazonas State (Orinoco drainage) (w/F. Provenzano, J. Fernandez & A. Cervó) (6) description of new species of *Acestrocephalus* and *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, R. Suárez & J. Meri); (9) description of a new species of *Apareiodon* (Parodontidae) from Upper Caroni River basin (Orinoco Drainage) (w/O. Lasso-Alcalá, R. Suarez, A. Machado-Allison & other colleagues); (10) descriptions of a new species of *Gobionellus* (Gobiidae) from Orinoco Delta (w/O. Lasso-Alcalá); (11) study of the Marine Ichthyofauna of Venezuela: Taxonomical revision of The Collection of Fishes, "Museo Oceanológico Hermano Benigno Román, Estación de Investigaciones Marinas de Margarita" (MOBR-EDIMAR) (w/O. Lasso-Alcalá & J. C. Capelo); (12) new records of marine fishes from Venezuela (w/O. Lasso-Alcalá & J. C. Capelo); (13) currently I am Assistant Editor of the journal, "Memoria de La Sociedad de Ciencias Naturales La Salle".

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. Tel. (58-2-7938321), Fax: 58-2-7937493; e-mail lassocalca@mixmail.com and lassocalca@usa.net

Current Work: I am going on with the following studies: (1) Studies of biology and ecology of freshwater 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, R. Suárez & J. Meri); (4) ichthyofauna of Golfo de Paria and Tuy River basin (w/C. Lasso & F. Provenzano); (5) description of a new species of *Cyphocharax* (Curimatidae) from Upper Caroni River basin (Orinoco drainage) (w/C. Lasso, R. Vari, R. Suárez & J. Meri); (6) description of a new species of *Apareiodon* (Parodontidae) from Upper Caroni River basin (Orinoco drainage) (w/C. Lasso, R. Suárez, A. Machado-Allison and other colleagues); (7) description of a new species of *Gobionellus* (Gobiidae) from Orinoco Delta (w/C. Lasso); (8) description of a new species of *Bryconamericus* (Characidae) from Aroa River basin (Caribe drainage) (w/C. Román-Valencia); (9) 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); (10) 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: (1) Descriptions of new Indo-Pacific chondrichthyans, with several authors; (2) compilation of a checklist of Macquarie Island fishes, with Williams and Riddoch; (3) new genus and species of nototheniid, with Balushkin and Hutchins; (4) revision of handfishes (Brachionichthyidae), with Gledhill; (5) review of the subgenus *Otohime* (family Triglidae) with Richards and Yato; (6) review of the Australasian species of *Paralaemonema* (family Moridae), with Gomon; (7) planning of Fishes of Australia and catalogue of world batoids; and (8) contribution to guide to New Zealand fishes. I have a window in which most of the above projects can now hopefully be completed. Several other elasmobranch projects based in Asia are either in progress or in the planning phase.

LEIS, JEFFREY M. Principal Research Scientist, Section of Fishes, Division of Vertebrate Zoology, The Australian Museum, 6-8 College Street, Sydney, NSW 2010, AUSTRALIA. Tel. 61 2 9320 6242; Fax 61 2 9320 6059; Internet: jeffl@austmus.gov.au

"Larvae of Indo-Pacific Coastal Fishes" is now published. The book includes information on 125 families – see announcements for ordering information. A paper on larval development in the lutjanid subfamily Lutjaninae 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. Various larval fish ecology projects with various collaborators are underway. Current emphasis here is on behaviour of larvae of coral reef fishes at Lizard Island and on larvae in atoll lagoons of the Society and Tuamotu Islands. Fieldwork at Lizard Island on the Great Barrier Reef is planned in Nov/Dec 2000 and Jan/Feb 2001 under ARC support. Hope to be able to attend the Indo-Pacific Fish Conference in Durban in 2001. Check out our website: www.austmus.gov.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, Institute of Zoology, Academia Sinica, Zhongguancun Street, Haidian, Beijing, CHINA 100080.

Current work: (1) Chinese soldierfishes (Beryciformes); (2) Chinese dories (Zeiformes); (3) Chinese opahs, ribbonfishes, etc. (Lampriformes); (4) Chinese sticklebacks, pipefishes, etc. (Gasterosteiformes); (5) Chinese swampeels (Symbranchiformes); (6) Chinese mullets, barracudas, etc. (Mugiliformes); (7) the geographical distribution of Chinese freshwater fishes; (8) the fishfauna of the Huanghe River (Yellow R.).

LIMA, FLAVIO C. T. Museu de Zoologia da Universidade de Sao Paulo (MZUSP), Secao de Peixes. Cx. Postal 42694, Sao Paulo, SP, 04299-970, BRASIL. Tel/Fax 55 x 11 274-3455; E-mail fcltima@usp.br

Current work: (1) Revision of the cisandean *Brycon* species (Characidae) (advisor: H. Britski); (2) revision of *Thayeria* (Characidae) (w/C. Moreira); (3) description of new Tetragonopterinae (*Hyphessobrycon* and *Hemigrammus*) (Characidae) from rio Araguaia system (w/C. Moreira & W. Costa); (4) description of a new Tetragonopterinae (Characidae) from rio Paraguaçu basin (w/F. Di Dario & P. Gerhard); (5) Revision of *Megalancistrus* (Loricariidae) (w/F. Bockmann & F. Vieira).

LITTMANN, MICHAEL W. Research/Curatorial Assistant, Department of Ichthyology, The Academy of Natural Sciences, 1900 Benjamin Franklin Parkway, Philadelphia, PA 19103, U.S.A. Tel 215.299.1123; Fax 215.299.1028; e-mail littmann@acnatsci.org

Current work: (1) Systematics of *Sorubim* (Siluriformes: Pimelodidae), with descriptions of three new species and preliminary data on the species-level phylogeny; (2) CLOFFSCA chapter-Pimelodinae checklist (w/J.G. Lundberg); (3) revision of the South American catfish genus *Platysilurus* (Siluriformes: Pimelodidae) (w/J.G. Lundberg & C.J. Bestor); (4) taxonomic investigation of *Ictalurus furcatus* (w/B.M. Burr & K. R. Piller).

LOUIE, KRISTINA D. Graduate student, Department of Organismic Biology, Ecology and Evolution, University of California, Los Angeles, CA 90095-1606, U.S.A. Tel (310) 206-7885; Fax (310) 206-3987; email kdloouie@ucla.edu

Current work: (1) Population genetics of *Syngnathus leptorhynchus* (Syngnathidae) with mtDNA control region and microsatellites; (2) systematics of Eastern Pacific pipefishes using mtDNA and nuclear introns; (3) systematics of *Syngnathus* (long term goal) using molecular markers; (4) phylogeography of *Leptocottus armatus* (Cottidae) using mtDNA control region. I continue to seek specimens useful for these DNA studies (especially #2 and #3). Thank you to all the scientists who have provided specimens and/or information.

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 slourie@po-box.mcgill.ca

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

LOVEJOY, NATHAN R. Faculty, Department of Zoology, University of Manitoba, Winnipeg, MB, R3T 2N2. Phone, FAX and email TBA.

Current work: (1) Systematics of Beloniformes (Belontiidae, Scomberesocidae, Hemiramphidae, Exocoetidae, Adrianiichthyidae) (w/B. Collette); (2) speciation in eastern Pacific flyingfishes (w/R. Pittman); (3) biogeography of freshwater South American needlefishes, stingrays (Potamotrygonidae) (w/M. Carvalho), anchovies, and other marine-derived endemics; (4) systematics of stingrays (Myliobatiformes) (w/A. Martin & L. Rosenberger); (5) systematics of New World anchovies (Engraulidae).

LUCINDA, PAULO HENRIQUE FRANCO. Curator of fishes. Permanent address: Universidade do Tocantins (UNITINS), Campus de Porto Nacional, Laboratório de Ictiologia, 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. e-mail lucinda@pucrs.br.

Current work: (1) Taxonomic revision, systematics and biogeography of the tribe Cnesterodontini (Poeciliinae, Poeciliidae, Cyprinodontiformes), as PhD thesis under advise of Dr. Roberto E. Reis; (2) Description of three new species of the genus *Hemiancistrus* (Loricariidae, Siluriformes) from the rio Tocantins drainage (w/A.R. Cardoso). (3) Description of a new species of the genus *Jenynsia* (Anablepidae, Cyprinodontiformes) from Rio Grande do Sul, and its phylogenetic relationships (w/ R.E. Reis & R. Quevedo); (4) Description of a new species of the genus *Moenkhausia* (Tetragonopterinae, Characiformes) from the rio Tocantins drainage (w/L.R. Malabarba).

LUNDBERG, JOHN G. Curator and Chair, Department of Ichthyology, The Academy of Natural Sciences, 1900 Benjamin Franklin Parkway, Philadelphia, PA 19103, U.S.A. Tel 215 405-5069, Fax 215 299-1028, E-Mail lundberg@acnatsci.org

Current work: (1) Phylogenetics and taxonomic descriptions of pimelodid catfishes (some with collaborators); (2) molecular phylogenetic (w/J.A. Gomes) and paleontological studies of siluriforms; (3) sexual dimorphism in gymnotiforms (w/C.C. Fernandes); (4) description of juvenile diplomystids (w/T. Berra & J. Friel).

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

Under the direction of my major professor Dr. Ted Pietsch, I am currently doing the following work: (1) Description of early-life history of members of the tribe Lumpenini (Teleostei: 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.

MATSUURA, KEIICHI. Chief Curator of Fishes, Dept. of Zoology, National Science Museum, 3-23-1 Hyakunin-cho, Shinjuku-ku, Tokyo 169-0073, JAPAN. Tel +81-3-5332-7167; FAX +81-3-5332-7167; E-Mail matsuura@kahaku.go.jp

Current work: (1) Revision of puffer genera *Arothron*, *Chelonodon*, and *Lagocephalus*; (2) a new species of *Torquigener* from East Africa, with comments on African species of the genus; (3) review of Australian spikefishes (w/J. Paxton); (4) fish database on Japanese fishes. Field guide to Lombok Island (Indonesia) was published. Revised manuscripts for FAO WCA identification guide were submitted.

MAUTARI, KELLY CRISTINA. Graduate 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) 272-0266 ext. 3219; e-mail kmautari@usp.br

Current work: Taxonomic revision of *Laemolyta* Cope, 1872 (Ostariophysi, Anostomidae) as part of my Master's Dissertation under supervision of Dr. Naercio Aquino Menezes.

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

Current work: (1) Monographing ophichthid eels of Australia; (2) review of Hawaiian ophichthid eels with Jack Randall; (3) descriptions of Galapagos fishes: catshark with Leonard Compagno and Baldwin;

scorpaenids with Stuart Poss; and *Anguilla* with Rodrigo Bustamente and Gerard Wellington; (4) several new species of eastern Pacific *Hydrolagus* with Doug Long; (5) revision of *Brachysomopsis* with Jack Randall; (7) a general review of the Galapagos ichthyofauna with Dick Rosenblatt; (8) participant and planner of all taxa inventory of life on earth; and (9) I expect to be making submarine dives and collections in Papua New Guinea, the central Atlantic, rift zones, and hopefully in the eastern Pacific.



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: Have spent most of the past year continuing a group-wide analysis of osteological characters in the galaxioid fishes; have also been involved with identification of new adventive species, including a likely aquarium release, and another possibly natural arrival. I spent November 1999 collecting in the Falkland Islands, finding just the two well-known endemics, severely impacted, it seems, by introduced brown trout (yet again - we are tempted to call them aquatic rabbits in NZ, though aquatic ferrets may be more appropriate). I continue a global interest in diadromy, and its implications for ecology and history. I formally retired as of 31 March, but remain at my desk/address (primarily a device to get freedom from bureaucrap and adminstrivia). A new field guide to NZ freshwater fishes is due to hit the shops any day.

McMILLAN, PETER J. National Institute of Water and Atmospheric Research, PO Box 14901, Wellington, NEW ZEALAND. Tel (4) 386 0580; Fax (4) 386 0574; E-Mail p.mcmillan@niwa.cri.nz

Current work: Reviewing the New Zealand macrourid fauna (w/T/Iwamoto) for the "Biosystematics of New Zealand Exclusive Zone Fishes" project led by Clive Roberts of the Museum of New Zealand Te Papa Tongarewa.

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

Current work: The *Fishes of Alaska* (Mecklenburg, Mecklenburg, and Thorsteinson) is in pre-press stage, with final changes being entered during typesetting in Pagemaker for publication by American Fisheries Society this winter. While *Fishes of Alaska* winds down I am starting to follow through on several works on rare (for North America and Alaska) and poorly understood species of special interest: (1) *Eumicrotremus eggvinii* (Cyclopteridae) from Labrador; (2) several lumpsucker species (Cyclopteridae) occurring off Alaska and Kamchatka (w/B.A. Sheiko); (3) *Stelgistrum* (Cottidae) species of Bering Sea and Aleutian Islands region (w/A.E. Peden); (4) *Malacocottus* off Alaska and status of *Thecopterus* (Psychrolutidae) (w/J.S. Nelson, B.A. Sheiko, K.L. Jackson); (5) *Alloctytus* (Oreosomatidae) in North Pacific (w/W.N. Eschmeyer and C. Karrer); (6) translation of V.V. Fedorov and B.A. Sheiko's upcoming lists of Kamchatka and Commander Islands fishes, with notes on differences in taxonomic treatment. Several visits to museum collections are planned in conjunction with completion of those projects and (7) inventory of West Coast fishes, Baja California to Arctic Alaska/Canada boundary (w/M.L. Love, T.A. Mecklenburg, L.K. Thorsteinson).

MENEZES, NAÉRCIO A. Ichthyology, Museu de Zoologia, Universidade de São Paulo, Caixa Postal 42694, 04299-970, São Paulo, SP, BRASIL. E-mail naercio@usp.br

Ongoing projects: (1) Knowledge, conservation and rational use of the Brazilian Fish Fauna (PRONEX Project 330 – Coordinator); (2) systematics and biogeography of South American freshwater fishes of the order Characiformes and of marine fishes from the Brazilian coast (CNPq Proc. 301472/85-8); (3) systematics and biogeography of the freshwater fishes of the subfamily Glandulocaudinae (family Characidae) from South America (w/S.H. Weitzman).

MERI R., JENNIFER A. Research Scientist. Museo de Historia Natural La Salle, Fundación La Salle de Ciencias Naturales, Apdo. 1930,

Caracas 1010-A, VENEZUELA. Tel. (58-2-7938321), Fax: 58-2-7937493; e-mail: nanifer@hotmail.com

Current work: (1) Studies of biology and ecology of freshwater fishes in Venezuela; (2) study of the ichthyofauna of Upper Caroni River basin (Orinoco drainage) (w/C. Lasso, O. Lasso-Alcalá & R. Suárez); (3) description of a new species of *Cyphocharax* (Curimatidae) from Upper Caroni River basin (Orinoco drainage) (w/C. Lasso, R. Vari, O. Lasso-Alcalá & R. Suárez).

MIHALCESCU, ANA-MARIA. Assistant professor, "Ovidius" University, Department of Ecology and Marine Biology; Mamaia Av., 124, Constantza, 8700, ROMANIA. amihalcescu@hotmail.com

I'm working on my Ph.D., being interested in systematics and phylogeny of gobies, specially in ponto-caspian relicts.

MILLER, RIHARD GORDON. Foresta Institute for Ocean and Mountain Studies and University of Arizona. 3375 E 2nd St., Tucson, AZ 85716, U.S.A. Foresta@Forestinstitute.org or forinst@aol.com

Current work: Continuing tuning on article for Hydrological Processes sketching the habitat pressures on sculpins and other fishes when meltwater deluges into the N. polar estuaries. I urge multidisciplinary studies to describe the thermohaline changes and the physiology, metabolic and behavioral effects on fishlife. Example species noted are *Myoxocephalus scorpius*, *M. quadricornis labradoricus*, *Triglops pingeli*, & *Arctiellus*. Suggestions and coauthors are welcome! Other activities are as shown in 1999 plus attending species survival matters in The Nature Conservancy. Tucson, IUCN, Amman, Jordan, Desert Fishes Council, and Cold Water Workshop in AGU meetings in San Francisco (and selling History and Atlas of the Fishes of the Antarctic Ocean).

MIRZA, MUHAMMAD R. 69 Umer Block, Allama Iqbal Town, Lahore, 54570, PAKISTAN.

Current work: (1) Study of ichthyofauna of the River Indus and its tributaries; (2) participated in the Symposium of Fisheries and Modern Aquaculture held in April 2000 and chaired the session of fish taxonomy.

MIYASHITA, TAKEHIRO. Postdoctoral researcher, Laboratory of Ichthyology, Tokyo Univ. of Fisheries, 4-5-7 Konan, Minato-ku, Tokyo 108-8477, JAPAN. Tel 81-3-5463-0529; Fax 81-3-5463-0527; E-mail miyashit@cc.tokyo-u-fish.ac.jp

Current work: This past March I received my doctorate based on my thesis of comparative morphology of vertebrae in teleosts in which I reviewed more than three hundred and fifty species of teleostean fishes. I am continuing this study by looking further at the development and homology of the vertebral and associated elements of acanthomorph fishes, and interrelationships of these fishes based on these characters.

MOREIRA, CRISTIANO R. Seção de Peixes, Museu de Zoologia da Universidade de São Paulo, Caixa Postal 42694, São Paulo, SP 04299-970, BRAZIL. Tel/Fax +55(11)274-3455, 274-3690 (NEW ADDRESS); Email: cmoreira@ib.usp.br

Current work: My main interest at the moment is the subject of my thesis: systematics of the Iguanodectinae (Characiformes: Characidae). Side projects: (1) Revision of the genus *Thayeria* (Characidae), with Flávio Lima; (2) description of some new tetragonopterine fishes (Characidae) from rio Araguaia basin, with Flávio Lima and Wilson Costa; and (3) the subfamily Iguanodectinae for the CLOFFSCA project.

MOSER, MIKE. Department of Integrative Biology, 3060 Valley Life Sciences Bldg, University of California - Berkeley, MC #3140, Berkeley, CA 94720, U.S.A. Tel (510) 642-8123; Fax (510) 643-6264; E-mail mmoser@uclink4.berkeley.edu; web site <http://www-ib.berkeley.EDU/IB/INSTRUCTION/BIO1B/BIO1B.HTML>;

Current work: (1) The parasites of native and introduced freshwater fishes on remote islands; (2) parasites as biological tags in fishes; (3) parasites of mammals.

MOTOMURA, HIROYUKI. Graduate student, Division of Fisheries Sciences, Faculty of Agriculture, Miyazaki, University (MUFS), 101 Gakuen-Kibanadai-nishi, Miyazaki 889-2192, JAPAN. Tel 81-90-3799-9624; E-mail a02113u@cc.miyazaki-u.ac.jp

Current work: (1) PhD Thesis on the taxonomic study of the family Polynemidae in the world; (2) ichthyofauna of coastal waters in southern Japan.

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@nrmh.si.edu

Current work: (1) Continued research on systematics of flatfishes, especially families Soleidae and Cynoglossidae; (2) continued work on a systematic revision of *Soleichthys* (Soleidae); (3) completion of manuscripts (some with co-authors) describing new species of *Soleichthys*, *Symphurus* and *Cynoglossus* from Indo-Pacific waters; (4) completion of chapters on diversity and biogeography of flatfishes and tropical fisheries for upcoming, multi-authored book on biology of flatfishes; (5) continued work on FAO species catalogue on pleuronectid flatfishes of the world (Pleuronectidae) co-authored with A. Cooper, University of Ottawa; (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) initiating collaborative research on flatfish systematics with Kouichi Hoshino currently conducting a one-year Smithsonian Institution Postdoctoral Fellowship; (10) continued collaborative work with Juan Diaz de Astarloa on South Atlantic paralicthid flounders.

MURDY, EDWARD O. Senior Program Manager, Division of International Programs, National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230, U.S.A. Tel 703-292-8711; 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 *Trypauchenopsis* will soon be submitted. As a result of our study on *Odontamblyopus*, several new genera need to be described and named; we are in the process of doing this. For the FAO Western Central Atlantic fishes project, family accounts and key to species for Gobiidae and Eleotridae were prepared and submitted.

MYERS, ROBERT F. P.O. Box 21153, GMF, Guam 96921 U.S.A. Tel. (671) 734-1092 (call first to fax from ca. 1300-2200 GMT); E-mail: rmyers@netpci.com

Studies of Micronesian fishes and regional zoogeography continue. The past two years have seen a surge in the number of new records for the Marianas and Palau due in large part to the efforts of dedicated underwater photographers working new dive sites and habitats overlooked in the past. Goals for 2001 are to complete projects unfinished from last year: an annotated checklist of the fishes of Palau (w/T.J. Donaldson & J.E. Randall), a paper detailing new and recent records of the fishes of Palau (w/T.J. Donaldson & H. Nagano), and another installment of new and recent records of fishes from the Marianas (w/T. Allen & H. Kimura). A supplement to 'Micronesian Reef Fishes' is nearing completion (see announcement). Studies of the zoogeography of western Pacific fishes continues with emphasis on a comprehensive biogeographic table of Indo-Pacific shorefish fish distributions (see announcement) to facilitate the comparison of biodiversity across regions and aid in the production of detailed species distribution maps. Loan requests should be sent c/o the Marine Laboratory, UOG Station, Mangilao, Guam 96923. Some excess material from the collection is still available for donation to other institutions.

NALBANT, TEODOR T. Dept of Taxonomy and Evolution, Institute of Biology, 31, Str.Frumoasa, Corp.B, Bucuresti, RO-78114, ROMANIA. Fax 00.401.312.40.51; E-mail nalbant@mailbox.ro.

My paper: "Sixty million years of evolution. Phylogeny and classification of loaches (Pisces: Ostariophys: Cobitoidea)" was submitted for print to the Travaux du Museum National d'Histoire Naturelle "Grigore Antipa" and now is in production. This represents a new classification of loaches and the balitorids were removed from this group. My studies concerning Turkish and Far East species of the genus *Cobitis* were finished and published in three contributions (w/Erkakan & Ekmekci and respectively w/Kim & Park). Concerning Chaetodontidae, my revision is in progress and will be finished at the end of this year. My studies on the Greek and Turkish Nemachelidae (w/Economidis and Erkakan & Ekmekci respectively) will be finished in the next two years.

NELSON, JOSEPH S. Dept. of Biological Sciences, University of Alberta, Edmonton, Alberta T6G 2E9, CANADA. E-mail

joe.nelson@ualberta.ca; Tel. 780-492-4741 (w/answering machine); Fax 780-492-9234

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 2001; (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 (changes for 4th edition to start this year).

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 (w/W. L. Fink); (2) descriptions of new species of *Amblyceps*, *Bagrichthys*, *Kryptopterus*, *Mystus*, *Ompok* and *Rita*; (3) studies on the catfishes of Aceh, northern Sumatra, with descriptions of new species of *Mystus* and *Hemibagrus* (w/S. Wirjoatmodjo & R. K. Hadiaty); (4) studies on the catfishes of central Vietnam, with descriptions of new species of *Akysis*, *Oreoglanis*, *Pterocryptis*, and a new genus of bagrid catfish (w/J. Freyhof); (5) review of Chinese *Pterocryptis* (w/B. P. L. Chan); (6) systematic studies on the genus *Akysis* (w/M. C. C. de Pinna); (7) revalidation of *Ompok weberi* (w/D. J. Siebert); (8) description of a new genus of bagrid catfish from Java (w/K. K. P. Lim); (9) a revision of the genus *Sisor*; (10) revision of *Oreoglanis* (w/W. J. Rainboth); (11) a revision of Southeast Asian *Glyptothorax* (w/M. Kottelat); (12) a phylogenetic study of the Ambassidae (w/W. L. Fink) and (13) description of a new species of fossil ictalurid (w/G. R. Smith). The systematic revision of *Hemibagrus* is complete and ready 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 as well.

NIELSEN, JØRGEN G. Curator of fishes, Zoological Museum, Universitetsparken 15, 2100 Copenhagen Ø, DENMARK. Fax 35321010. E-mail jgnielson@zmuc.ku.dk

Current work: (1) Revision of *Neobythites* from the Indo-Pacific- 42 species; (2) fishes from Greenland (w/O. Jørgensen & P. Rask Møller); (3) various problems within aphyonids.

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 has been postponed till 2001, because I was editing the excursion guide for a geological field trip to the Paleogene of Aquitaine last September. The excursion guide will be published in a thematic number of "Revue de Micropaléontologie" on Paleogene geology and paleontology of Southern Aquitaine. This volume will also include a paper on the Middle Oligocene teleost otolith associations of Southern Aquitaine, and one (w/R. Brzobohaty) on the otolith associations in the Paleocanyon of Saubrigues, where very diverse teleost faunas are known from five successive stratigraphic levels, ranging from Late Oligocene till Middle Miocene. Manuscripts in preparation include a study of the Late Eocene otoliths from the Yazoo Clay, Louisiana (w/G. Stringer). A new field of interest concerns recently discovered Cretaceous (Aptian till Maastrichtian) otolith associations from Spain. (2) Application of otoliths to systematics of fossil and Recent fishes: zeiform and tetraodontiform otoliths were studied (w/J. Tyler) during a visit to the Smithsonian last October.

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 a manuscript from my dissertation on phylogenetics of the Gasterosteiformes, my current work includes (1) completion of a new edition of a field guide to scorpaenids of the eastern North Pacific (w/M. Brown & D. Baker); (2) systematics of *Sebastes ciliatus* (Scorpaenidae) (w/J. Blackburn, J. Lopez, & P. Bentzen) and *S. aleutianus* (w/S. Hawkins & J. Heifetz); (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 & J. Randall); (6) systematic position of *Indostomus* (Indostomidae) (w/J. Lopez & T. Pietsch); (7) book on Fishes of the Puget Sound and adjacent waters (w/T. Pietsch); (8) projects on Japanese gasterosteiforms (w/T. Saruwatari); (9) a submitted description of a new liparid genus (Liparidae) (w/M. Busby); and (10) 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 Gulf of Alaska, lower West Coast, and Bering Sea shelf surveys are scheduled for summer 2001. Space is still available for on-board volunteers to participate in sampling and collecting specimens.

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

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) engaged in studies for conservation of autochthon ichthyofauna in continent waters of Morocco together with the Laboratory of Zoology and Biology of the Science Faculty of University Mohammed V Rabat, Morocco together with Abdelhamid Azeroual, Ahmed Yahyaoui, and Mohamed Dakki; (4) field studies 1992, 1998 in Sri Lanka, in 1997 in Turkey, 1999 in Indonesia, 2000 in Morocco, 2001 next planned for South India.

OZAWA, TAKAKAZU. Professor, Faculty of Fisheries, Kagoshima University, Shimoarata, Kagoshima 890-0056, JAPAN. Tel (099)286-4150; Fax 099-286-4133; E-Mail ozawa@fish.kagoshima-u.ac.jp

Current work: (1) Systematics of the family Bregmacerotidae, Gadiformes, including reexamination of type specimens; (2) study on the oceanic ichthyoplankton in the western Pacific.

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

On 31 December 1999 I finished my curatorial work in the fish collection of the Museum für Naturkunde der Humboldt-Universität zu Berlin (ZMB). As pensioner and voluntary cooperator I am further on once a week in the museum. My successor in charge is Dr. Peter Bartsch (e-mail: peter.bartsch@rz.hu-berlin.de). After the Bloch anniversary in 1999 I try to continue contributions to the knowledge about ichthyologists of Berlin and their work. Among others I have prepared (together with Ingo Schindler, Berlin) a paper about H. M. Lichtenstein and the circumstances of the description of *Pterophyllum scalare* (Cichlidae) with designation of a lectotype.

PARENTI, LYNNE R. Chair, Department 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 nerve (w/Jiakun Song) and gonad (w/Harry Grier) characters in systematic ichthyology. Harry and I plan to summarize our results for atherinomorphs and putative close relatives in a monograph and then expand our study more broadly to other teleost clades. Work has continued this year on the text and tables of a co-edited volume (Rodolfo Claro, Ken Lindeman and L. R. Parenti, eds.) of a translated, revised and updated version of *Ecology of the Marine Fishes of Cuba*, to be published by SI Press.

PARISI, BEATRICE M. PhD Candidate. Laboratoire d'Ichthyologie Générale et Appliquée – MNHN – 43, rue Cuvier, 75231 Paris Cedex 05, FRANCE. +33 1 40 79 37 35 and/or +33 6 83 32 27 79; Fax +33 1 40 79 37 71; e-mail <parisi@mnhn.fr> and/or <bparisi@club-internet.fr>

Current work: (1) Investigation of the *Calophysus-Pimelodus* group phylogeny continues (external morphology and osteology); (2) study of the French Guyana Pimelodinae; (3) species diversity of *Pimelodus* (w/ J.G. Lundberg & M. Azpelicueta), publications in preparation.

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, 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) Review of the *Apareiodon* from the Tocantins-Araguaia system (w/ HA Britski); (2) checklist of freshwater fishes from South and Central America (CLOFFSCA) – family Parodontidae and family Characidae, in part; (3) checklist and handbook to identification of upper Rio Paraná species (w/ HA Britski); (4) checklist and handbook to identification of Rio Iguazu species (w/ WJ Graca, in part); (5) checklist and handbook to identification of Rio Corumbá species (w/ HA Britski, GS Avelino & AP Vidotti, in part); (6) morphometrical characterization and electrophoresis of upper Rio Paraná *Hypostomus* species (w/ CH Zawadzki & E Renesto, in part); (7) temporal and spatial ichthyofaunistic distribution on two streams from the upper Rio Paraná basin (w/ EP Caramaschi); (8) characterization of the species of some small reservoirs of State of Paraná (w/ HA Britski); (9) description of a new *Astyanax* species from the Rio Mourão, upper Rio Paraná basin (w/ HA Britski); characterization of two *Bryconamericus* species from the Rio Iguazu basin for a work regarding to their diet (w/ NS Hahn & MR Russo); (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; (12) description of a new *Steindachnerina* species from the Rio Corumbá (w/ HA Britski) (see announcement); (13) dental development and ontogenetic diet shifts of *Roeboides paranensis* in pools of the upper Rio Paraná basin (w/ NS Hahn & EK Okada) (see announcement).

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); (2) zoological catalogue of Australia, Pisces, Part 2 (w/D.F. Hoese & G.R. Allen); (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). [Families 237, 238, 251, 252, 253]

PELIÇÃO, GABRIELA ZANON. Laboratorio 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 gzanon@hotmail.com

Current work: (1) I am finishing my M.Sc. Dissertation on the taxonomy and phylogenetic relationships of the genus *Tetragonopterus* (Characidae, Tetragonopterinae); (2) description of a new species of *Tetragonopterus* from rio Xingu, state of Para, north Brazil; (3) I will start in 2001 beginning my PhD Thesis on the philogeographic of *Astyanax altiparanae* (Characidae, Tetragonopterinae) populations from Alto Paraná river basin, state of São Paulo, southeast Brazil.

PEQUEÑO, GERMAN. Titular Prof. & Dir., Instituto de Zoología "Ernst F. Kilian", Universidad Austral de Chile, Casilla 567, Valdivia, CHILE. Fax 56-063-221315; 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) geographic relationships of fishes from the southern tip of South America.

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*, *Hemipsilichthys* and *Corymbophanes* from Bahia state) for my Doctoral dissertation; (2) finishing a taxonomic revision of genus *Pareiorhaphis* (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 & J. Armbruster).

PROUDLOVE, GRAHAM S. Department of Zoology, The Manchester Museum, Manchester University, Manchester M13 9PL, UNITED KINGDOM. Tel (+44) 161 200 3111; Fax (44) 161 200 3099; E-Mail g.proudlove@umist.ac.uk

Current work: Still compiling information on cave (hypogean) fishes. I have contributed four papers to a forthcoming Environmental Biology of Fishes special volume on hypogean fishes (see below). Maurice Kottelat and I will describe a new cave fish from India. I am also working on paper which contends that the so called "cave form" of *Astyanax fasciatus* is actually a separate species, *Astyanax jordani*. The text of a book on the cave fishes of the world is currently with a publisher for review. If it passes this it should appear next year. I would appreciate any information on cave fishes, in particular on newly described species.

QUERO, JEAN CLAUDE. IFREMER pensionner from 01.12.2000. New adress: Museum d'Histoire naturelle de La Rochelle, 28 rue Albert 1^{er} 17000 La Rochelle. FRANCE. Tél 33 (0)5 46.41.18.25; Fax 33 (0)5.46.50.63.65; E mail mhnlnrconservation@libertysurf.fr mhnlnr

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

RANDALL, JOHN E. Senior Ichthyologist Emeritus, Bishop Museum, 1525 Bernice St., Honolulu, HI 96817-2407, USA. Tel (808) 235-1652; FAX 808 847-8252; E-mail: jackr@hi.net

Indo-Pacific Fishes no. 31, a revision of the labrid fish genus *Stethojulis*, has been printed. The next number will be a revision of the apogonid genus *Archamia* by Ofer Gon and myself. The probable next one will be a revision of the acanthurid genus *Ctenochaetus* (w/K. Clements). Current projects include a book on the reef fishes of the South Pacific (New Caledonia to Tahiti and the Pitcairn Islands), a revision of the scorpionfish genus *Scorpaenopsis* (w/W.N. Eschmeyer), and a book, Surgeonfishes of the World.

RANGEL, CARLOS A. M.Sc. student (Museu Nacional, Rio de Janeiro). Dept. Biologia Marinha, Universidade Federal do Rio de Janeiro, Cidade Universitária, RJ, CEP: 21.941-569, BRASIL. Tel 55(0xx21) 280-2394, ext 31; fax 55(0xx21) 280-2394; e-mail: caugusto@mn.ufrj.br

Current Work: (1) Revision of western South Atlantic species of *Scartella* (w/R.Z.P. Guimarães & J.L. Gasparini) and (2) *Entomacrodus* (w/R.Z.P. Guimarães & J.L. Gasparini); (3) taxonomy and distribution of Family Blenniidae from the Eastern Coast of Brazil (w/R.Z.P. Guimarães). My MSc project deals with the taxonomy and phylogeny of all species of the genus *Scartella*, but all about Western Atlantic Blenniidae interest me. Other studies include: (2) Taxonomy of the Pleuronectiformes from the coast of Rio de Janeiro, Brazil (w/R.Z.P. Guimarães)

RAPP PY-DANIEL, LÚCIA. Fish Curator, INPA (Instituto nacional de Pesquisas da Amazônia), CPBA, CEP 69011-970, Manaus, AM, BRAZIL. Tel. 92 643 3235, FAX 92 644 2021 e-mail: rapp@inpa.gov.br

Current work: (1) Survey of ichthyofauna present in floating meadows on different Amazon varzea environments; (2) evolution of sex dimorphism in Siluriformes, with description of new sexually dimorphic characters; (3) description of a new species of *Parancistrus*, Loricariidae; (4) generic revision of *Rineloricaria* and *Pseudohemiodon*, Loricariidae; (5) description of the Doradidae species found in floating meadows. I am revising my PhD work on Loricariinae phylogeny, preparing a new proposal on Loricariinae classification and an identification key on the currently valid Loricariinae genera. Our collection is currently being moved to a new building, what has been causing some delay on many requests of loans.

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) 320-3500 ext. 4413; FAX (+55 51) 320-3903; email: reis@pucrs.br

Current work: (1) Revision of *Delturus* and *Hemipsilichthys* and proposition of a new loricariid subfamily (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) description of a new species of *Jenynsia* (Anablepidae, Cyprinodontiformes) (w/ Paulo Lucinda & Rodrigo Quevedo); (7) edition of CLOFFSCA - Check List of Freshwater Fishes of South and Central Americas (w/ Sven Kullander & Carl Ferraris); and (8) edition of the RedBook of endangered animals of Rio Grande do Sul State.

RICHARDS, WILLIAM J. Senior Scientist, NOAA Fisheries, 75 Virginia Beach Drive, Miami, FL 33149, U.S.A. Tel (305) 361-4249; FAX 305-361-4478; E-mail bill.richards@noaa.gov

Current work: (1) Continuing on preparation of a guide to the early life history stages of fishes from the western central Atlantic Ocean with completed chapters available on the web at <http://208.152.233.21/NOAA/>; (2) continuing systematic research on fishes of the families Triglidae and Peristediidae. This includes reversionary work on the triglid genus *Pterygotrigla* with a series of papers on the subgenera, among these a manuscript on the subgenus *Otohime* co-authored with Peter Last & Takuji Yato has been revised for Ichthyological Bulletin series; preparation of faunal accounts for FAO's western central Atlantic guide were completed with George Miller; a chapter for Randall and Heemstra's book on western Indian Ocean fishes was completed; and additional peristediid papers with George C. Miller are planned. My Ph.D students are nearing completion of their dissertations - David L. Jones on labroid larvae ecology and systematics plans to defend in late 2000 and Elizabeth Maddox Harrington on larval ecology of tropical fishes plans to defend in 2001.

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 rieh1@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; (3) comparative studies on the eggs and reproductive behaviour of *Aulopyge huegeli* and four german and austrian *Gobio* species (w/R. Bless); (4) preparing a symposium-volume on "Behaviour of Aquariumfishes, vol. 2" (w/H. Greven); (5) studies on the stickiness of egg envelopes in economically important fish species (cyprinids, esocids, percids); (6) pattern of chemo- and mechanoreceptors in the larvae of *Clarias gariepinus*; (7) finished a german textbook on "Biology of Fishes" (with other colleagues).

ROBERTS, CLIVE D. Curator of Fishes, Museum of New Zealand, P.O. Box 467, Resouce Centre, 169 Tory Street, Wellington, NEW ZEALAND. Tel (0064-4) 381-7311; FAX 381-7310; E-Mail cliver@tepapa.govt.nz

Current work: (1) Establishing with CM's the National Fish collection in new facilities, note closed access at this time (see Announcements); (2) leading the programme "Biosystematics of NZ EEZ Fishes"; (3) editor of monthly popular articles "Museum Marine File" and "Something Fishy". Research and other curatorial programmes currently progressing very slowly or on hold; I hope that outputs will improve once the collection is operational again in 2001.

ROJAS, JOSE RODRIGO. Department of Sciences, Maestría de Vida Silvestre de la Universidad Nacional, Heredia, Costa Rica. Apartado postal 20-4200, Naranjo, Alajuela, COSTA RICA. Email: yoyi66@sol.racsa.co.cr.

Current work: (1) Edition of book on shark fisheries in Central America. (2) Survey on reproduction and food of *Mustelus lunulatus* (Triakidae). (3) Survey on parasites of sharks from Thermic Dome of Costa Rica. (4) Survey on parasites of commercial fishes from Nicoya Gulf (Costa Rica). (5) Survey on ecology and biogeography of fishes from Sarapiquí watershed (Costa Rica). (6) A book on sharks from Costa Rica are in progress. (7) A book on freshwater fishes as environmental education tool also are in progress.

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) Species-level revision of the fimbriate-barbel thorny catfishes (Doradidae: *Nemadoras*, *Trachydoras*, *Doras*, *Hassar*, *Opsodoras*, *Hemidoras*, *Anduzedoras*, *Leptodoras*) (Ph.D. dissertation

research; advisor L.M. Page); (2) check list of Doradidae (w/C.J. Ferraris) for CLOFFSCA; (3) study of geographic variation in the freshwater anchovy *Amazonsprattus* (Engraulidae) (w/J.W. Armbruster); (4) description of a new species of driftwood catfish (Auchenipteridae: *Gelanoglanis*) from Peru; (5) check list of fishes of the Peruvian Amazon.

SAKAMOTO, KAZUO. Research Associate, Dept. of Zoology, University Museum, 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 Tukiji Fish Information Center and Museum (Tel 81-3-3547-8824; Fax 81-3-3545-4415).

SANTANA, CARLOS DAVID. Univesidade Federal de Pernambuco, Departamento de Biologia Animal, Recife 50.000, Pernambuco, BRAZIL. Tel 55812575983; email cdsantana@bol.com.br

I am a graduate student, currently revising the gymnotid genus *Apteronotus*. I will be visiting museums in the United States from December 6 to the end of February 2001. In collaboration with other researchers, I am describing two new *Apteronotus* species from the Amazon basin. I have made many field trips in Marajo Island looking for Gymnotiformes fishes.

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 416-5868073; Fax 416-5865863; E-Mail: fsantini@rom.on.ca; fsantini@zoo.utoronto.ca.

I am finishing a Ph.D. at the University of Toronto under the supervision of Professor Richard Winterbottom. Current work : (1) Investigation of the phylogenetic relationships and the historical biogeography of Triacanthodidae (Teleostei, Tetraodontiformes); (2) phylogenetic analysis of the relationships between selected modern and fossil tetraodontiform taxa with Dr. James Tyler, NMNH; (3) still with Dr. Tyler, analysis of the phylogeny of the extant species of Triacanthidae (Tetraodontiformes); (4) future work on the phylogeny of selected extant and fossil taxa of Zeiformes and Caproiformes; (5) analysis of the historical biogeography of Indo-Western Pacific coral reef fauna with Dr. Winterbottom; (6) with Dr. Ed Stellwag, ECU, work on the comparative genomics and early development of tetraodontiform families.

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

Current work: (1) Taxonomy of *Guianacara* (Cichlidae) from Guyana (w/W. Staack); (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 (9)(83)216-66 ext. 254; Fax (9)(83)216-66 ext. 240; E-Mail jschmit@ecosur-qroo.mx.

Current work: (1) Ichthyofauna of Chetumal Bay, Mexico/Belize, including data on fish larvae and parasite helminths (w/E. Pimentel-Cadena, R. Herrera, L. Vásquez-Yeomans and S. Monks); (2) distribution and abundance of reef fishes in southern Quintana Roo (w/A. Aguilar-Perera); (3) conservation status of *Profundulus hildebrandi* (Profundulidae) in Chiapas (w/E. Vélazquez) and *Epinephelus itajara* (Serranidae) in Chetumal Bay (w/N. García-Téllez).

SCHULTZ, ORTWIN. Curator of Fossil Fishes, Geolog.-Palaeont. Abt., Naturhistorisches Museum Wien, Burgring 7, Postfach 417, A-1014 Wien, OESTERREICH. Tel. 0043 1/52177-254; Fax 0043 1/52177-459; E-mail ortwin.schultz@nhm-wien.ac.at

Current work: none.

SCHULTZE, HANS-PETER. Director, Museum fuer Naturkunde, and Chairman of 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) Palaeonisciforms from the Carboniferous of Utah (w/M. Dorka); (2) Middle Devonian fish fauna from Ellesmere Island (w/M. Otto); (3) Cyclicity in Late Carboniferous lungfish bones (w/R.

Soler-Gijón); (4) evolutionary transformations of the vertebral column in fossil and extant actinopterygians (w/G. Arratia).

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@cimrs1.mnhn.fr

Current work: (1) Taxonomy of the Indo-Pacific chondrichthyans with various colleagues (P. Last, K. Nakaya, M. Carvalho, etc.); (2) analysis of the elasmobranch bycatches of the French tuna fleet in the Atlantic with the IRD tuna fishery team; (3) analysis of the French fishery data on elasmobranchs (w/ M.C. Ponroy); (4) edition of the proceedings of the 3rd European Elasmobranch Association meeting held in Boulogne-sur-mer, 27-29 May 1999; (5) representative of the IUCN Shark Specialist Group for the regional workshop on the exploitation of sharks and rays in West Africa (Saint-Louis, Senegal, 26-28 May 2000); (6) participation to the 4th European Elasmobranch Association meeting held in Livorno (Italy) on 27-29 September 2000 and co-editor of the proceedings; (7) management of the collection and studies on the deep sea bony fishes from New Caledonia; (8) associate editor of *Cybiurn*, journal of the French Ichthyological Society; (9) organisation of the 1st ichthyological meeting in France (RIF 2000) held in Paris, 29-31 March 2000; (10) chair of "ElasmoFrance", the shark group of the French Ichthyological Society and editor of the newsletter "ElasmoScope"; (11) publication of two popular books on sharks (in French).

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; will emphasize on the estuary (mangrove) and deep-sea fishes in the future 2-3 years; (2) speciation (isolating mechanisms) and molecular systematics of cardinalfishes (Apogonidae) (w/J.P. Chen); (3) identification of fish eggs by using molecular EM or light microscopy, especially on lizardfish and parrotfishes (w/J.P. Chen., R.S. Wu and H.C. Shih)

SHIMAZAKI, MITSUOMI. Graduate Student, Lab. Marine Biodiversity, Graduate School of Fisheries Sciences, Hokkaido University, 3-1-1 Minato-cho, Hakodate, Hokkaido, 041-8611, JAPAN. Tel 81-138-40-5540; FAX 81-138-40-5539; E-Mail mitujin@fish.hokudai.ac.jp.

Current Work: (1) Comparative osteology and myology, and phylogeny of the family Ogocephalidae under the direction of Prof. K. Nakaya & Associate Prof. M. Yabe.

SKELTON, PAUL H. Managing Director, JLB Smith Institute of Ichthyology, Grahamstown, 6140 SOUTH AFRICA. e-mail P.Skelton@ru.ac.za

Current work: (1) An Atlas of distribution of freshwater fishes of southern Africa, with Lucy Scott. The atlas, assembled from records in many museum collections, is currently being prepared for publication in hard copy, cd-rom and probably as a web-copy as well. (2) Conservation of the Maloti minnow - with J. Rall. (3) Phylogenetics of *Pseudobarbus* using genetic characters with student Ernst Swartz. (4) Yellowfish (*Barbus* sp.) phylogenetics with student Daksha Naran. (5) Revision of amphiliid catfishes from Lower Guinean Province for Guy Teugels, Melanie Stiassny & Carl Hopkins project. I have several other minor works in progress.

SMITH, DAVID G. Museum Specialist, Division of Fishes, MRC-159, National Museum of Natural History, Washington, DC 20560-0159. U.S.A. Tel. (202) 633-9786; Fax (202)357-2986. E-mail smith.davidg@nsmnh.si.edu

Current work includes: (1) Descriptions of fish larvae from Carrie Bow Cay, Belize (w/C.C. Baldwin); (2) species accounts of eels (Anguilliformes) for a book on the fishes of the western Indian Ocean (w/E.B. Bohlke); 3) various other eel projects.

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

Current work: (1) Study of the dorsal gill-arch muscles of actinopterygian fishes (Actinopterygii), with K. Darrow and G.D. Johnson; (2) new species of the blennioid genus *Ecsenius* (Blenniidae); (3) biogeography of Indo-Pacific shallow-dwelling fishes.

STAUFFER, JAY R. Professor of Ichthyology, School of Forest Resources, Penn State University, University Park, PA 16802, U.S.A. Tel (814) 863-0645; Fax (814) 865-3725; E-Mail vc52@psu.edu

Current work: (1) Systematics of Lake Malawi cichlids; (2) revision of the fishes of Pennsylvania; (3) local host of the 2001 ASIH meeting in State College, PA, 5-11 July, 2001. I will be in Africa from January - March 2001.

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

Current work: A new EU research project DELASS (Development of Elasmobranch Assessment) with 16 partners of 10 European countries has started 1 January 2000 to last until end of 2002, and I am involved for Germany with a project hired additional part-time scientist. A first outcome of the German DELASS contribution is the publication of two more poster field keys to 13 common north-western European shelf species of skates (Rajidae) (in English/French, Portuguese/Spanish, German) and to their landed wings only (English/French). Work on this project consumed much of the first half of 2000, until the posters were printed and available in late July. Description of a third new species of *Benthobatis* (Narcinidae) from off South Brazil (with Rincon & Vooren) was submitted to Arch.Fish.Mar.Res., as well as a paper (with Merrett) on first proven egg capsules and advanced embryos of *Bathyraja richardsoni* (Rajidae) from the deep north-eastern Atlantic to J. Fish Biol. Another description of a new *Torpedo* (Torpedinidae) from the Gulf of Aden (with Carvalho & Manilo) will be ready for submission to Am.Mus.Nov. late this year. The chondrichthyan odontology series edited by me is being continued with submission of the holocephalan contribution by the end of this year. Have been on a private semi-professional trip to Russia and Ukraine during September and visited mainly institutes on Crimea and in Kiev. A professional trip in Nov./Dec. to South America is for bilateral projects with the University of Rio Grande, Brazil (*Myliobatis*, with C.M. Vooren) and to INIDEP Mar del Plata, Argentina (field guide to by-catch fish species, with M. Ehrlich). My spare time research on elasmobranch taxonomy will slowly be continued, until I hopefully can return more or less full time to the scene after my early retirement in mid-2002.

STIEPIEN, CAROL A. Director, Great Lakes Environmental Genetics Laboratory and Research Professor, Center for Environmental Science, Technology and Policy, Cleveland State University, Cleveland, Ohio 44114, U.S.A. Tel (216) 523-7311; Fax 216-687-5393; E-Mail c.stiepien@csuohio.edu

Current work: (1) Population genetics and phylogeography of *Stizostedion*, *Perca*, and *Gymnocephalus* using mitochondrial and nuclear DNA sequences; (2) systematics and biogeography of the Blennioidei and their allies using nuclear and mitochondrial DNA sequences (w/Dr. Peter Wirtz).

STEVENSON, DUANE E. Ph.D. Candidate, School of Aquatic and Fishery Sciences, Univ. of Washington, Box 355100, Seattle, WA 98195, USA. Tel. (206) 685-3438; FAX (206) 685-3275; E-mail des2@u.washington.edu

Current work: My dissertation work has evolved into a revision of the Asian goby genera *Chaenogobius* and *Gymnogobius*. I have recently published a paper detailing the discovery of the holotype of *Chaenogobius annularis*, and am busy working out the nomenclatural consequences. I hope to submit a full revision of these two genera, including description of one new species, within a few months. Over the past year I have enjoyed collection visits in Japan and Europe. I am still working with the NMFS Alaska Fisheries Science Center on curation of their observer training collection and on training their observers. A paper on the zoogeography of the freshwater and anadromous fishes of the Kuril Islands (with T. Pietsch and K. Amaoka) is in review.

STRINGER, GARY LAYNE. Interim Head, 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

Fossil otoliths as well as otoliths from archeological sites continue to be the central focus of research and study. Completed a preliminary study of the fishes (mainly otolith-based) from the Oligocene Rosefield Marl Beds in Catahoula, Louisiana. Graduate student Melissa Miller successfully completed and defended her thesis on otolith-based

Oligocene fishes from the Mint Spring Formation in central Mississippi. Graduate student Tiffany Green is collecting samples from several sites in Louisiana and Mississippi of the Upper Eocene Moodys Branch Formation for her thesis on otolith-based fishes and paleoecology. Several studies are in various stages of completion: (1) manuscript with Henri Cappetta (Laboratoire de Paleontologie, Montpellier, France) on a new genus of mobulid ray from the Eocene of Louisiana is nearing completion, (2) a study of otoliths from the Plum Creek archeological site (6000 years old) in northeastern Louisiana continues, and (3) a study of 7,500 year old otoliths from the Conly archeological site in northwestern Louisiana has been initiated.

SU, RUI-FENG. 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) Working on my thesis project (advisor: Prof. Jun-Xing Yang): Phylogeny and Zoogeography of the Labeoninae fishes, expected completion date: May, 2001; (2) osteology, phylogeny and taxonomy of fishes in the Subfamily Labeoninae. I am very interested in Labeoninae fishes, especially those species occurring in India, South China and Southeast Asia.

SUÁREZ, RAFAEL A. Assistant of curator of fishes and Research Scientist. Museo de Historia Natural La Salle, Fundación La Salle de Ciencias Naturales, Apdo. 1930, Caracas 1010-A. VENEZUELA. Tel. 58-2-7938321, Fax. 58-2-7937493. E-mail rafasuarez@mixmap.com.

Current work: (1) Studies of biology and ecology of freshwater fishes in Venezuela; (2) study of the ichthyofauna of Upper Caroni River basin (Orinoco drainage) (w/C. Lasso, O. Lasso-Alcalá & J. Meri); (3) description of a new species of *Cyphocharax* (Curimatidae) from Upper Caroni River basin (Orinoco drainage) (w/C. Lasso R. Vari, O. Lasso-Alcalá & J. Meri); (4) descriptions of a new species of *Apareiodon* (Parodontidae) from Upper Caroni River basin (Orinoco drainage) (w/C. Lasso, O. Lasso-Alcalá, A. Machado-Allison & other colleagues).

TAKAHASHI, MASAFUMI. Graduate Student, Lab. Marine Biodiversity, Graduate School of Fisheries Sciences, Hokkaido University, 3-1-1 Minato-cho, Hakodate, Hokkaido, 041-8611, JAPAN. E-Mail humz@fish.hokudai.ac.jp; Tel 81-138-40-5540; FAX 81-138-40-5539

Current Work: (1) Comparative morphology and parasitology, and taxonomy of the family Triakidae under the direction of Prof. K. Nakaya & Associate Prof. M. Yabe.

TAN, H. H. Doctorate student, Supervisors: Associate Prof. Peter K. L. Ng and Prof. T. J. Lam, Dept. of Biological Sciences, National University of Singapore, Kent Ridge Crescent, Singapore 119260, REPUBLIC OF SINGAPORE. Tel (065) 874 2969; Fax (065) 779 2486; E-mail (campus) scip9005@nus.edu.sg

Current work: (1) Taxonomy of the genus *Gastromyzon* (family Balitoridae); (2) look into related genera of torrent loaches; (3) breeding attempts on *Gastromyzon* species; (4) taxonomy of the genus *Betta* (family Osphronemidae); (5) attempt to photograph live specimens of *Gastromyzon* and related genera to capture live colour notes, which can be used as diagnostic character.

TANG, KEVIN L. Graduate Student, Division of Ichthyology, Natural History Museum, University of Kansas, Lawrence, Kansas 66045-2454, U.S.A. Tel (785) 864-3369 Fax (785) 864-5335 Email ktang@ukans.edu

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 phylogenetic analysis of the subfamily Ophidiinae (family Ophidiidae) based on morphological characters (w/C.R. Robins).

TEITLER, NEAL M. Research Student, Laboratory of Ichthyology, Tokyo Univ. of Fisheries, 4-5-7 Konan, Minato-ku, Tokyo 108-8477, JAPAN. Tel 81-3-5463-0529; Fax 81-3-5463-0527; E-mail teitler@tokyo-u-fish.ac.jp

My research under Dr. K. Fujita centers on a comparative osteological study (and some morphology) of the larval development in a number of Japanese varieties (comet, ryukin, ranchu, tosakin, jikin, nankin, demekin) of the domesticated goldfish *Carassius a. auratus*. Also plan to study some wild Japanese congeners, especially the

'ookinbuna' *Carassius b. buergeri* (probably the root of the Japanese 'funa') and sympatric 'nagabuna' *Carassius* sp. Long-term continuing 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 in folios of Temminck and Schlegel's 'Pisces' volume in the von Siebold 'Fauna Japonica' series, especially to determine which pages and plates compose a single folio, and to date them.

TEUGELS, GUY G. Curator of Fishes, Laboratoire d'Ichthyologie, Musée Royal de l'Afrique Centrale, B-3080 Tervuren, BELGIUM. Tel +32-2-7695640; Fax +32-2-7695642; E-mail teugels@africamuseum.be

Current work: (1) Study of the ichthyofauna of Cameroon, Gabon and Congo-Brazzaville (w/M.L.J. Stiassny); (2) revision of *Brienomyrus* (Mormyridae) (w/C.D. Hopkins); (3) revision of southeast Asian Clariidae; (4) karyology of Clariidae catfishes (w/M.Parrent); (5) phylogeny of Clariidae (w/J.F. Agnèse); (6) revision of ichthyofauna in Côte d'Ivoire. Student work (Ph.D.): E. Vreven - systematics of the Afromastacembelinae (Mastacembelidae); R. Gustiano - systematics of Pangasiidae; S. Devaere - revision and comparative anatomy of anguilliform Clariidae; J. Raeymaeckers - phylogeny of African catfish families; J.D. Mbega - taxonomy and ecology of Lower Ogowe (Gabon) fishes.

TIGHE, KENNETH A. Museum Specialist, Dept. of Vertebrate Zoology, MRC 162, National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20560-0162, U.S.A. Tel (202)357-2012; E-mail tighe.ken@nsmnh.si.edu

Current work: (1) Studies continue on a world-wide revision of the eel family Chlopsidae. Several papers (including descriptions of 4 new species) should be ready for submission this year. (2) Study of the osteology of *Linkenchelys multipora* continues (w/D.G. Smith) with hopes to include the results in a phylogenetic systematics study of the eel sub-family Ilyophinae (Synphobranchidae). (3) Work on annotated checklist of freshwater fishes of Palau (w/A.Jenkins of Wetlands International).

TOLEDO-PIZA, MONICA. Departamento de Zoologia, Instituto de Biociências da Universidade de São Paulo, Caixa Postal 11461, São Paulo, SP, 05422-970 BRASIL. Tel. (55)(11) 3818-7482, Fax (55)(11) 3818-7802, email: mtpiza@usp.br

Current work: I am in the phase of completing the project on the publication of Alfred Russel Wallace's "Drawings of Fishes of the Rio Negro (1850-1852) in collaboration with the Natural History Museum, London. Once that is completed resume ongoing projects: (1) systematics of the Heterocharacini (Characiformes: Characidae); (2) taxonomic revision of *Chalceus* (Characiformes: Characidae) (w/Angela Zanata); (3) phylogenetic relationships of the species of *Acestrorhynchus* (Characiformes: Acestrorhynchidae). PLEASE NOTE CHANGE OF ADDRESS.

TYLER, JAMES C. National Museum of Natural History, Smithsonian Institution (MRC-106), Washington, D.C. 20560-0106 U.S.A. Tel. 202 786-2662; Fax 202 633-8135; E-mail tyler.jim@nsmnh.si.edu

Current work: Behavioral ecology of Caribbean blennies of the genera *Emblemariopsis* and *Acanthemblemaria* (w/R. Clarke); 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 otolith morphology with phylogeny based on osteology of Recent species (w/D. Nolf); new genera of acanthuroids from the Eocene of Monte Bolca, Italy; review of earliest fossil monacanthids, from the Miocene and Pliocene of Italy (w/C. Sorbini); monacanthids from review of the Eocene gasterosteiform family Aulorhampidae; phylogeny of Recent genera of zeiforms (w/B. O'Toole & R. Winterbottom, about to be submitted after peer review).

UFERMANN, ALFRED. Deutsche Cichliden-Gesellschaft e. V. (German Cichlid Association), Foreign and Scientific contacts, Eberschenweg 41, D-46147 Oberhausen, GERMANY

Current work: (1) Check-list No.1 of all valid cichlid genera, and species, No.2 all genera and species of cichlids of Middle-America, No.3 all genera and species of South-American cichlids, No.4 all cichlid genera and species of Lake Malawi, No.5 all cichlid genera and species of Lake Tanganyika, No.6 all cichlid genera and species of Lake Victoria, No.7 all cichlid genera and species of Africa not

restricted to the 3 great lakes, No.8 all cichlid genera and species of Palestine, Madagascar, Iran, South-India, and Sri-Lanka. (2) appendix (new taxa by cichlids) from 1987 to the year 2000 to our "Alphabetical catalogue of cichlids (Ufermann, A.R. Allgayer & M. Geerts, 1987). (3) Preparation of the 2nd edition of our "Alphabetical catalogue of cichlids" incl. color photos of some genera and species. (4) List of scientific and aquaristic papers about cichlids published in the year 2000.

UIBLEIN, FRANZ. Institute of Zoology, University of Salzburg, Hellbrunnerstr. 34, A-5020 Salzburg, Austria. Tel. & Fax: +43-662-645362; Email franz.uiblein@sbg.ac.at

Current work: (1) Deep demersal and midwater fishes of the Canary Islands (w/F. Bordes, R. Castillo, T. Moreno, R. Wienerroither & J.G. Nielsen). The mesopelagic fish collection of three cruises has now been made available for study at ZMUC (see also General Announcements). (2) illustrated catalogue of midwater fishes from the Canaries (w/F. Bordes, R. Castillo, T. Moreno & R. Wienerroither); (3) morphological comparison among *Ceratoscopelus warmingii* populations (Myctophidae) from four different areas (Eastern Central Atlantic, Gulf of Mexico, SW Pacific, NE Indian Ocean) (w/T. Sutton & R. Wienerroither); (4) phylogeny of *Neobythites* with special emphasis on the evolution of eyespots and colour patterns in this ophidiid genus (w/J.G. Nielsen & W. Schwarzhans); (5) behavioural analysis of demersal deep-sea fishes based on submersible videos (w/P. Lorance & D. Latrouite); (6) continuation of the research program on conservation of European grayling, *Thymallus thymallus* (Salmonidae), in Austrian waters (w/A. Jagsch, E. Kainz, Steve Weiss & W. Honsig-Erlenburg).

UYENO, TERUYA Curator Emeritus, National Science Museum, 3-23-1Hyakunin-cho, Shinjuku-ku, Tokyo 169-0073, JAPAN. Tel 81-3-3364-2311; Fax 81-3-3364-7104; E-mail uyeno@kahaku.go.jp.

Current work: (1) Researches on fossil fishes of Japan; (2) compilation of a work on jaws of Japanese fishes; (3) investigation of Upper Cretaceous fishes from Fukushima Pref., Japan; (4) development of an atlas of scales of Japanese fishes.

VARI, RICHARD P. Research Zoologist and Curator, Division of Fishes, National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20560-0159, U.S.A. Tel (202)357-4027; Fax (202)357-2986; E-mail vari.richard@nmnh.si.edu

Current work: The revisionary and phylogenetic study of the Neotropical characiform family Prochilodontidae (w/R.M.C. Castro) is progressing and we hope to have the monograph completed during 2001. Parallel phylogenetic and revisionary studies of the South American catfish family Cetopsidae are underway in collaboration with C.J. Ferraris and M.C. de Pinna. Family accounts for the families Curimatidae, Ctenoluciidae, Prochilodontidae (w/R.M.C. Castro), Chilodontidae (w/S.J. Raredon), Cetopsidae (w/C.J. Ferraris) and characid genera *Creagrutus* and *Piabina* (w/A.S. Harold) are underway for the Checklist of the Freshwater Fishes of South and Central America. A project describing a new species and redescribing a second species of Argentinian trichomycterid has begun with L. Fernandez. Studies of the generic-level phylogenetic relationships within the Anostomidae and Alestidae are in progress.

VOGT, KENNETH D. Adjunct Instructor, Department of Biology, University of Alaska, Anchorage, AK 99508-8104, U.S.A. Tel 907 786-4770; Fax 907 786-4607; E-mail afkdv@uaa.alaska.edu

Work on the systematics of the Liparidae, principally the genus *Liparis* is continuing. I am in the process of publishing a paper on the meristics of type and non-type material of the genus *Liparis* (w/N. Chernova & A. Andriashev). I am also interested in the Myxiniiformes and the Petromyzontiformes. Work continues on the rehydration of dried museum specimens. I am preparing two nomenclature manuscripts that deal with the Liparidae. Several short papers on science education were also submitted this year.

WATANABE, KATSUTOSHI Associate Professor, Dept. of Biological Science, Faculty of Science, Nara Women's University, Kitaouy-nishimachi, Nara 630-8506, JAPAN. Tel & Fax +81-742-20-3424; E-mail watanak@cc.nara-wu.ac.jp

Current work: (1) Systematics and biogeography of the East Asian bagrid catfishes (based on anatomy and molecular); (2) population ecology of the bagrid catfish, *Pseudobagrus ichikawai* (molecular ecology using microsatellites; w/M. Nishida); (3) molecular phylogeny of the Tanganyikan scale-eating cichlids (w/ M. Hori & M. Nishida).

WIENERROITHER, RUPERT. Institute of Zoology, University of Salzburg, Hellbrunnerstrasse 34, A-5020 Salzburg, AUSTRIA. Email rupert.wienerroither@sbg.ac.at

Current work: (1) Species composition of mesopelagic fishes in the area of the Canary Islands, Eastern Central Atlantic (diploma thesis in preparation); (2) illustrated catalogue of midwater fishes from the Canaries (w/F. Bordes, R. Castillo, T. Moreno & F. Uiblein); (3) morphological comparison among *Ceratoscopelus warmingii* populations (Myctophidae) from four different areas (Eastern Central Atlantic, Gulf of Mexico, SW Pacific, NE Indian Ocean) (w/T. Sutton & F. Uiblein).

WILLIAMS, JEFFREY T. Collection Manager, Div. of Fishes (MRC-159), National Museum of Natural History, Smithsonian Institution, Washington, DC 20560, U.S.A. E-mail williams.jeff@nmnh.si.edu, <http://www.nmnh.si.edu/vert/jtw.html>; Tel (202)357-3059; Fax (202)357-2986

Current work: Review of *Helcogramma ellioti* species complex (Tripterygiidae); 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; family Tripterygiidae for the FAO Species Identification sheets for the Western Central Pacific; checklist of the fishes of Tonga (w/ D.G. Smith & J.E. Randall); description of a new species of *Mahidolia* (Gobiidae) (w/I-S. Chen); description of a new *Trichonotus* (Trichonotidae) from Vanuatu (w/D.G. Smith); new species of *Cirrhilabrus* (Labridae) from Solomon Islands (w/M.W. Westneat) analysis of *Steeneichthys* (Plesiopidae) (w/R.D. Mooi); description of a new species of *Acanthemblemaria* (Chaenopsidae) from Navassa; descriptions of six new species of *Tomicodon* (Gobiesocidae) from the Caribbean Sea (w/J. M. Tyler); checklist of the fishes of Navassa Island, Caribbean Sea (w/B.B. Collette, C. Thacker & M. Smith). D. G. Smith and I have a manuscript in press in Marine Fisheries Review on "The Great Albatross Philippine Expedition, 1907-1910." I have a manuscript with V. G. Springer in press in Rev. Biol. Trop. on the Eastern Pacific genus *Helcogrammoides* (Tripterygiidae). A revision of the *Helcogramma fuscipinna* species complex (Tripterygiidae) (w/J. Howe) is in press in Rev. Francaise d'Aquariologie. An expedition in May/June, 2000, to Mindoro Island, Philippines, with K. Carpenter, M. McGrouther, M. Westneat, Philippine Bureau of Fisheries Officers, and others, was highly successful and yielded excellent collections of shorefishes.



WINTERBOTTOM, RICHARD. Senior Curator, Centre for Biodiversity and Conservation Biology, Royal Ontario Museum, 100 Queen's Park, Toronto, ON, CANADA M5S 2C6. Tel (416) 586-5759; Fax (416) 586-5553; E-Mail rickw@rom.on.ca

Current work: (1) The osteology, phylogeny and a reclassification of zeiform fishes and their relationship to tetraodontiforms. (J.C. Tyler, B. O'Toole & RW). Manuscript in final revision before resubmission; (2) continuing revision and phylogeny of the gobiid *Gobiodon*, using both anatomical and osteological data sources (w/A.S. Harold); (3) continuation of the endless study of the alpha systematics of the gobiid *Trimma*, (4) a redefinition of the gobiid *Myersina*, with a rescription of *M. crocatus* (Wongratana), (5) a BPA and component analysis of the distributional relationships of Indo-west Pacific coral reef organisms (F. Santini & RW).

WIRTZ, PETER. Department Oceanografia e Pescas, Cais de S. Cruz, P - 9001 Horta, Faial, Azores, PORTUGAL. E-Mail biomar@dragoeiro.uma.pt

Current work: (1) All aspects of the biology of blennioid fishes; (2) molecular genetics of amphi-atlantic and atlanto-mediterranean blennioids in co-operation with C. Stepien; (3) molecular genetics of Pholidichthyidae, in co-operation with C. Stepien; (4) species catalogues for the following areas: Madeira, Cape Verde Islands, Sao Tome Island. Trips planned for 2001: Sao Tome (January), Madeira (March), western Mediterranean (September), Cape Verde Islands (September).

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

Current work: (1) Revision of the Gerreidae; (2) 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 for the Australian government, evaluating quarantine risks associated with the importation of ornamental finfish.

WU, HAN LING. Professor of ichthyology, Laboratory of Fishes, Shanghai Fisheries University, 334 Jun Gong Rd., Shanghai 200090, PEOPLE'S REPUBLIC OF CHINA. Tel 86-21-65710211; Fax 86-21-65684287; E-mail hlwu@shfu.edu.cn

Current work: (1) Study on the ciguatoxic fishes in China (w/D.H. Chong, Y.H. Chen & Y. Mou); (2) fish species diversity of Wulin Mountains region and its zoogeographic analyses (w/W.Q. Tang & Y.Y. Chen); (3) 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. Zhuang); (4) a new revision of the ichthyotoxic and medicinal fishes of China; (5) continue field work on study "systematics and biogeography of East Asia bitterling fishes" (w/T. Ueda, R. Aria et al.), an expedition in August, 2000, to the Hainan Island and Guang Province with T. Ueda, A. Arai and others, was successful and yielded excellent collections of bitterlings. I will visit Centre for Biodiversity and Conservation Biology, Royal Ontario Museum, Canada, in October.

YANG, JUN-XING. Director and professor, Dept. of Systematic Zoology, Kunming Institute of Zoology, Chinese Academy of Sciences, Kunming, Yunnan, P. R. CHINA. Post code: 650223; Tel: 86-871-51905271; Fax: 86-871-5191823; E-mail: jxyang@public.km.yn.cn

Current work: (1) To evaluate the impact of introduced fishes on the indigenous fishes in lakes of Northwestern Yunnan, China; (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 the fishes in subfamily Labeoninae (w/Rui-Feng Su); (5) the taxonomy and phylogeny of Barbinae fishes (w/Zi-Ming Chen); (6) the phylogeny and zoogeography of cultrine fishes (w/Ying-Gui Dai); (7) co-survey to the animal resource of Gaoligongshan Mountain

areas of Yunnan (w/colleagues from the California Academy of Sciences).

YEARSLEY, GORDON (GUS) K. Fish Taxonomist. CSIRO Marine Research, GPO Box 1538, Hobart, Tas 7000, AUSTRALIA. Tel 61 3 6232 5222; Fax 61 3 6232 5000; E-Mail gordon.yearsley@marine.csiro.au

Current work: (1) Completing (with others) the 'Australian Seafood Handbook - an identification guide to imported species', which will cover 100+ species that are imported into Australia for human consumption; (2) various taxonomic projects on groups including *Squatina*, *Pristiophorus*, *Urolophus*, *Trachinotus*; (3) iust completed (with others) the 'Australian Seafood Users Manual - making the most of the world's best' (see New Publications announcement). Have now returned to CSIRO Hobart after 15 months with the Queensland Government in Brisbane.

ZHANG, CHUN-GUANG. Curator of Fishes, Director of the Center of Animal Systematics and Evolution, Institute of Zoology, Chinese Academy of Sciences, 19 Zhongguancun Road, Haidian, Beijing, CHINA 100080. Tel (010) 6256-1876 (in Chinese); Fax 010-6256-5689; E-Mail fish@panda.ioz.ac.cn

Current work: (1) study of the ichthyofauna of Anguilliformes of China; (2) generic revisions of *Arius* (Ariidae) of China; (3) ichthyofauna of Shiwandashan, Guangxi, China with the description of bigeography. I just began my work on Anguilliformes in China. I am short of knowledge, references or even specimens on the group. I will greatly appreciate any help and welcome to have a cooperation, especially in the group of Anguillidae, Nettastomidae, Neenchelyidae, Moringuidae, Nemichthyidae, Serrivomeridae, Dysommidae, Echelidae, etc.

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

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

ZUPANCIC, PRIMOZ. AZC Agency, Dolško 14, 1262 SLOVENIJA, EUROPE. E-mail primoz.zupanic@guest.arnes.si; Tel/fax 00386 1 5647616.

Current work: (1) Study on taxonomy of endemic species of the genera *Phoxinellus*, *Leuciscus*, *Rutilus*, *Scardinius*, *Salmothymus* of the Western Balkans is going on. (2) A field guide of the fishes of Slovenia, Croatia and Bosnia & Hercegovina is nearing completion (seeking for sponsors). (3) Further collecting trips are planned for the next year.

LITERATURE

ACKERMAN, J.L. & D.R. BELLWOOD. In press. Reef fish assemblages: a re-evaluation using enclosed rotenone stations. Marine Ecology Progress Series.

AFONSO, P., F.M. PORTEIRO, R.S. SANTOS, J.P. BARREIROS, J. WORMS & P. WIRTZ. 1999. Coastal marine fishes of São Tomé Island (Gulf of Guinea). Arquipélago. Life and Marine Sciences 17A: 65-92.

AHNELT, H., A. ABDOLI, M. NADERI & B.W. COAD. 2000. *Anatirostrum profundorum*: a rare deep-water gobiid species from the Caspian Sea. Cybium, 24(2):139-159.

ALBERT, J.S. 2000. Species diversity and phylogenetic systematics of American knifefishes (Gymnotiformes, Teleostei). Misc. Publ. Mus. Zool. University of Michigan, 190:1-129.

ALBERT, J.S. & W.G.R. CRAMPTON. In press. Five new species of *Gymnotus* (Gymnotiformes, Teleostei) from an Upper Amazonian floodplain, with descriptions of electric organ discharges and ecology. Ichthyol. Explor. Freshwaters.

ALBERT, J.S. & W.L. FINK. Submitted. Phylogenetic relationships of the fossil South American electric fish *Sternopygus kirshbaumi* (Teleostei: Gymnotiformes). J. Vert. Paleont.

ALBERT, J.S. & K. NARUSE. Submitted. Phylogenetic systematics of Adrianichthyidae (Teleostei: Beloniformes), a radiation of miniature Asian freshwater fishes with an oceanic island origin. Copeia.

ALLEN, G.R. 1999. *Myersina larsonae*, a new species of goby (Pisces: Gobiidae) from north-western Australia. Revue fr. Aquariol. 26 (1999: 1-2):49-51.

ALLEN, G.R. 1999. *Altrichthys*, a new genus of damselfish (Pomacentridae) from Philippine seas with description of a new species. Revue fr. Aquariol. 26 (1999: 1-2):23-28.

ALLEN, G.R. 2000. Threatened fishes of the world: *Pterapogon kauderni* Komans, 1933 (Apogonidae). Environmental Biology of Fishes 57: 142.

ALLEN, G.R. & A.P. JENKINS. 1999. Two new species of *Mogurnda* (Osteichthyes: Eleotrididae) from the Etna Bay region, Irian Jaya, Indonesia. Ichthyol. Explor. Freshwaters, 10 (3): 237-246.

ALLEN, G.R. & A.P. JENKINS. 1999. A review of the Australian freshwater gudgeons, Genus *Mogurnda* (Eleotridae) with descriptions of three new species. Aqua. J. Ichthyol. Aquat. Biol. 3(4):141-156.

- ALLEN, G.R., A.P. JENKINS & S.J. RENYAAN. 1999. *Mogurnda wapoga*, a new species of freshwater gudgeon (Eleotridae) from Irian Jaya. *Revue fr. Aquariol.* 26 (1999: 1-2):63-66.
- ALLEN, G.R. & R.C. KUITER. 1999. Descriptions of two new wrasses of the genus *Cirrhilabrus* (Labridae) from Indonesia. *Aqua. J. Ichthyol. Aquat. Biol.* 3(4): 133-140.
- ALLEN, G.R. & B.J. PUSEY. 1999. *Hephaestus tulliensis* De Vis, a valid species of grunter (Terapontidae) from fresh waters of north-eastern Queensland, Australia. *Aqua. J. Ichthyol. Aquat. Biol.* 3(4): 157-162.
- ALLEN, G.R. & S.J. RENYAAN. 1999. *Pseudomugil ivantsoffi* (Pseudomugilidae) a new species of blue-eye from the Timika region, Irian Jaya. *Aqua. J. Ichthyol. Aquat. Biol.* 3(4): 163-168.
- ALLEN, G.R. & D.R. ROBERTSON. 1999. *Epinephelus clippertonensis*, a new species of serranid fish from the tropical eastern Pacific. *Revue fr. Aquariol.* 26 (1999: 1-2): 11-15.
- ALMADA, V.C., E.J. GONÇALVES, R.F. OLIVEIRA, A.J. ALMEIDA, R.S. SANTOS & P. WIRTZ. In press. Patterns of diversity of the north-eastern Atlantic blennioid fish fauna (Pisces: Blenniidae). *Global Ecology and Biogeography*.
- ALMEIDA, A. J. 1999. The role of seagrass beds on the conservation of littoral fish: 521-529. In Almada, V.C.; Oliveira, R.F. & Gonçalves, E.J. (Eds). *Behaviour and Conservation of Littoral Fishes*. I.S.P.A.: Lisboa, Portugal: 562 pp
- ALMEIDA, A. J., A. MARQUES, A. & L. SALDANHA. 1999. Fishes of the seagrass beds of the Inhaca island (Mozambique) - Dynamic, feeding habits and sexual development of three species. *Cybiurn*, 23 (4): 369-376.
- ALMEIDA, A.J., L. SALDANHA & A. ANDRÉ. 1999. Fishes of the seagrass beds of the Inhaca island (Mozambique) - Community structure and dynamics. *Arquivos do Museu Bocage (nov.sér.)* 3 (9): 265-286.
- AMAOKA, K. & H.K.LARSON. 1999. Description of *Psettina senta* n. sp. and redescription of *Psettina variegata* (Pleuronectiformes: Bothidae), from off western Australia. *Copeia* 4: 1076-1082.
- ANDERSON, M.E. & A.A. BALANOV. 2000. *Lycenchelys fedorovi*, a new eelpout (Teleostei: Zoarcidae) from the northwestern Pacific Ocean. *Copeia* 2000 (4).
- ANDERSON, M.E. & R.W. LESLIE. 2000. Review of the deep-sea anglerfishes (Lophiiformes: Ceratioidei) of southern Africa. *J.L.B. Smith Inst. Ichthyol.*, Bull. 69.
- ANDERSON, W.D., JR. 1999. [Published in 2000.] Symphysanodontidae. Pp. 2438-2441, in K. E. Carpenter and V. H. Niem (editors). *FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Volume 4. Bony fishes part 2 (Mugilidae to Carangidae)*. FAO, Rome.
- ANDERSON, W.D., JR. 1999. [Published in 2000.] Callanthiidae. Pp. 2553-2556, in K.E. Carpenter and V.H. Niem (editors). *FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Volume 4. Bony fishes part 2 (Mugilidae to Carangidae)*. FAO, Rome.
- ANDERSON, W.D., JR. In press. Symphysanodontidae. Pp. xx-xx, in K.E. Carpenter and P. Oliver (eds). *FAO species identification guide for fishery purposes. The living marine resources of the western central Atlantic. Volume ?* FAO, Rome.
- ANDERSON, W.D., JR. In press. Anthiinae. In P. C. Heemstra: Serranidae. Pp. xx-xx, in K.E. Carpenter and P. Oliver (eds). *FAO species identification guide for fishery purposes. The living marine resources of the western central Atlantic. Volume ?* FAO, Rome.
- ANDERSON, W.D., JR. In press. Lutjanidae. Pp. xx-xx, in K.E. Carpenter and P. Oliver (editors). *FAO species identification guide for fishery purposes. The living marine resources of the western central Atlantic. Volume ?* FAO, Rome.
- ANDERSON, W.D., JR. & C.C. BALDWIN. 2000. A new species of *Anthias* (Teleostei: Serranidae: Anthiinae) from the Galápagos Islands, with keys to *Anthias* and the eastern Pacific Anthiinae. *Proc. Biol. Soc. Wash.*, 113(2):369-385.
- ANDERSON, W. D., JR. & G. R. ALLEN. In press. Lutjanidae. Pp. xx-xx, in K.E. Carpenter and V.H. Niem (editors). *FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Volume ?* Bony fishes. Part ? FAO, Rome.
- ANDREWS, A.H., E.J. BURTON, K. H. COALE & G.M. CAILLIET. 1999. Age and growth of the Pacific grenadier (Family Macrouridae *Coryphaenoides acrolepis*) with age estimate validation using an improved radiometric ageing technique. *Can. J. Fish. Aq. Sci.* 56:1339-1350.
- ANDREWS, A.H., K.H. COALE, J.L. NOWICKI, C. LUNDSTROM, Z. PALACZ, E. J. BURTON & G.M. CAILLIET. 1999. Application of an ion-exchange separation technique and thermal ionization mass spectrometry to ²²⁶Ra determination in otoliths for radiometric age determination of long-lived fishes. *Can. J. Fish. Aq. Sci.* 56:1329-1338.
- ANSEAUME, L. & G.G. TEUGELS. 1999. On the rehabilitation of the clariid catfish genus *Bathyclarias* endemic to the East African Rift Lake Malawi. *J. Fish Biol.*, 55:405-419.
- APOSTOLIDIS A., K. TRIANTAPHYLLOIDIS, A. KOUVATSI, P.S. ECONOMIDIS & S. TSAKALIDIS. 1999. Use of molecular markers in the genetical research and management of fish populations with special emphasis to the populations of wild trout (*Salmo trutta*) of Greece, *Geoponika Epistimonika Themata*, 10: 350-359. [in Greek].
- AQUINO, A.E. & M.A. MIQUELARENA. In press. Redescription of *Hypoptopoma inexpectata*, with notes on its anatomy (Siluriformes: Loricariidae). *Physis*.
- ARRATIA, G. 1999. The monophyly of Teleostei and stem group teleosts. Consensus and disagreements. In: Arratia, G. & Schultze, H.-P. (eds.) *Mesozoic Fishes 2 - Systematics and Fossil Record*: 265-334. Verlag Dr. Pfeil, München.
- ARRATIA, G. 2000. New teleostean fishes from the Jurassic of southern Germany and the systematic problems concerning the pholidophoriforms. *Paläontol. Z.* 74(1/2): 113-143.
- ARRATIA, G. 2000. Remarkable teleostean fishes from the Late Jurassic of southern Germany and their phylogenetic relationships. *Mitt. Mus. Nat.kd. Berl.*, Geowiss. Reihe 3: 137-179.
- ARRATIA, G. In press. Phylogenetic relationships of Teleostei. Past and present. *Rev. Estud. Oceanol.*
- ARRATIA, G. & H.-P. SCHULTZE. 1999. The Mesozoic fishes from Chile. In: Arratia, G. & Schultze, H.-P. (eds.) *Mesozoic Fishes 2 - Systematics and Fossil Record*: 565-593. Verlag Dr. Pfeil, München.
- ARRATIA, G. & H.-P. SCHULTZE. 1999. Semionotid fish from the Upper Jurassic of Tendaguru (Tanzania). *Mitt. Mus. Nat.kd. Berl.*, Geowiss. Reihe 2: 135-153.
- ARRATIA, G. & A. TINTORI. 1999. The caudal skeleton of the Triassic actinopterygian *Prohalecites* and its phylogenetic relationships. In: Arratia, G. & Schultze, H.-P. (eds.): *Mesozoic Fishes 2 - Systematics and Fossil Record*: 121-142. Verlag Dr. Pfeil, München.
- AZEVEDO, J.M.N., 1999. *Centrolabrus caeruleus* sp. nov., a long unrecognized species of marine fish (Teleostei: Labridae) from the Azores. *Bocagiana*, 196: 11pp.
- AZPELICUETA, M. de las M. & J. O. GARCIA, 2000. A new species of *Astyanax* (Characiformes, Characidae) from Uruguay river basin in Argentina, with remarks on hook presence in Characidae.
- BACIU, D.-S. & J.C. TYLER. In press. *Cephalacanthus trispinosus* Ciobanu 1977 from the Oligocene of Romania, a valid species of the spikefish genus *Acanthopleurus* (Tetraodontiformes: Triacanthidae). *Bull. Roman. Acad. Sci.*
- BAILLY N., J.-C. HUREAU & P. PRUVOST. 1999. Catalogue critique des types de Poissons du Muséum national d'histoire naturelle (et des Musées d'histoire naturelle en région) (suite). *Ordre des Gadiformes*. *Cybiurn*. 23(3): 219-245.
- BALART, E.F., J.L. CASTRO-AGUIRRE & E. AMADOR-SILVA. 1999. A new record of the oarfish *Regalecus kinoi* (Lampridiformes: Regalecidae) in the Gulf of California, México. *Océanides*, 14(2):137-140.
- BALART, E.F., J.L. CASTRO-AGUIRRE & E. AMADOR-SILVA. In press. The first eastern Pacific report of the sharptail mola, *Mola lanceolata* (Tetraodontiformes: Molidae). *Calif. Fish and Game* 86(2).
- BALART, E.F., J. GONZALEZ-GARCIA & C. VILLAVICENCIO. 2000. Notes on the biology of *Cephalurus cephalus* and *Parmaturus xaniurus* (Chondrichthyes: Scyliorhinidae) from the west coast of Baja California Sur, México. *Fish. Bull.* 98: 219-221.
- BALBINO, A.C. & H. CAPPETTA. 2000. *Paragaleus antunesi* (Hemigaleidae, Carcharhiniformes) a new shark species from the latest Miocene of Portugal. *Tertiary Research*, 20 (1-4): 1-6, 3 fig., pl. 1-2.
- BANARESCU, P.M., R. BLESS & P.S. ECONOMIDIS. 1999. *Gobio uranoscopus* (Agassiz, 1828). in: *Handbook of Freshwater Fishes Europe*, 5/1, Cyprinidae 2/1: 183-202, Aula Verlag.
- BANARESCU, P.M., V.M. SORIC & P.S. ECONOMIDIS. 1999. *Gobio gobio* (Linnaeus, 1758). in: *Handbook of Freshwater Fishes Europe*, 5/1, Cyprinidae 2/1: 81-134, Aula Verlag.
- BANFORD, H.M. & B.B. COLLETTE. In press. *Hyporhamphus* sp., a new species of halfbeak (Teleostei: Hemiramphidae) from the eastern Pacific Ocean. *Rev. Trop. Biol.*
- BANFORD, H.M., E. BERMINGHAM & B.B. COLLETTE. In press. Molecular phylogenetics and biogeography of transisthmian and

- amph-Atlantic needlefishes (Belonidae: *Strongylura* and *Tylosurus*): Perspectives on New World marine speciation. Syst. Biol.
- BANNIKOV, A.F. & J.C. TYLER** 1999. *Sorbinicapros*, a new second taxon of the caproid-related fish family Sorbinipercidae, from the Eocene of Monte Bolca, Italy. Mus. Civ. Stor. Nat. Verona, Studi e Ric. Giac. Terz. Bolca, 8: 129-142.
- BARDET, N., H. CAPPETTA, X. PEREDA SUBERBIOLA, M. MOUTY, A.K. AL MALEH, A.M. AHMAD, O. KHRATA & N. GANNOUM**. 2000. The marine vertebrate faunas from the Late Cretaceous Phosphates of Syria. — *Geological Magazine*, 137 (3) : 269-290, 8 fig.
- BARRIGA, F., Y. FOUQUET, A. ALMEIDA, M. BISCOITO, J.-L. CHARLOU, R. COSTA, A. DIAS, A. MARQUES, J.M. MIRANDA, K. OLU & M.G. QUEIROZ**. 1998. Discovery of the Saldanha hydrothermal field on the FAMOUS segment of the M.*R. (36° 30' N), EOS Trans. Am. Geophys. Union, 837.
- BARRULL, J. & I. MATE**. 1999. Ecología de la pintarroja (*Scyliorhinus canicula*) en aguas ibéricas. Quercus. 166:16-20.
- BARRULL, J. & I. MATE**. 2000. Biología de la cañabota *Hexanchus griseus* (Bonnatere, 1788) en el mar Mediterráneo. Bol. Asoc. Esp. Elasm. 3:13-20.
- BARRULL, J., I. MATE & M. BUENO**. 1999. Observaciones de tiburones (*Chondrichthyes euselachii*) en aguas de Cataluña (Mediterráneo, NO), con algunos aspectos de su ecología. Scientia gerundensis 24:48-65.
- BECKLEY, L.E. & J.M. LEIS**. In press. The occurrence of tuna and mackerel larvae (Family: Scombridae) off the east coast of South Africa. Marine and Freshwater Research.
- BELLWOOD, D.R.** 1999. Fossil pharyngognath fishes from Monte Bolca, Italy, with a description of a new pomacentrid genus and species. Studi e Ricerche sui Giacimenti Terziari di Bolca, Miscellanea Palaeontologica, Museo Civico di Storia Naturale di Verona. VIII: 207-217.
- BELLWOOD, D.R. & J.E. RANDALL**. 2000. *Pseudojuloides severnsi*, a new species of wrasse from Indonesia and Sri Lanka (Perciformes: Labridae). Journal of South Asian Natural History 5(1): 1-5.
- BENNEMANN, S.T., O.A. SHIBATTA & J.C. GARAVELLO**. 2000. Peixes do Rio Tibagi. Uma abordagem ecológica. Editora da Universidade Estadual de Londrina, viii+62 páginas, pls. & figs.
- BIANCHI, G., K.E. CARPENTER, J.-P. ROUX, F.J. MOLLOY, D. BOYER & H.J. BOYER**. 1999. FAO Species Identification Guide for Fishery Purposes. Field Guide to the Living Marine Resources of Namibia. FAO, Rome. 265 pp.
- BIANCO, P.G.** 1999. Conservazione e gestione della fauna ittica autoctona. Tavola rotonda sulla conservazione della fauna ittica autoctone della Provincia di Pescara., Bussi sul Tirino, Dec. 1999.
- BIANCO, P.G.** 1999. Pesci. In: Agriconsulting ed., Redazione degli studi preliminari e dell'elaborazione tecnica del piano del Parco e del regolamento. Rapporto finale. Ente Parco Nazionale della Maiella, Campo di Giove, 348 pp.
- BIANCO, P.G.** 2000 (submitted). On the status of twaite shad, *Alosa agone* (Clupeidae) in Italy and in some adjacent countries. Bull. Fr. Piscic.
- BIANCO, P.G. & A. CAROTTA** 1999. Effect of alien introductions on native freshwater fishes of Italy. Workshop on Mediterranean Stream Fish Ecology and Conservation, Rhodes, Greece, Abstract p. 2.
- BIANCO, P.G. et al.**, 1999. Fauna, in: Agriconsulting ed, Piano del Parco. Schema Direttorio. Collana Documenti Tecnico Scientifici. Ente Parco Nazionale della Maiella, Campo di Giove, 109 pp.
- BIANCO, P.G. & V. KETMAIER** 2000. Immissione di fauna alloctona, problemi di sopravvivenza delle specie autoctone in via di estinzione. Convegno: "La pesca sportiva in relazione allo stato di salute delle acque dolci e salate". ARCI Pesca, Provincia di Pescara, Mar. 2000.
- BIANCO, P.G., V. KETMAIER & T. BUSATTO** 2000 (in stampa). Approccio multidisciplinare all'analisi tassonomica del genere *Scardinius* (Cyprinidae) in Europa. Quaderni ETP.
- BOGUTSKAYA, N.G. & P. ZUPANCIC** In press. A revision of the "alepidotus" species group of the genus *Phoxinellus* from Croatia and Bosnia & Hercegovina (Cyprinidae: Leuciscinae). Ann. Naturhist. Mus. Wien.
- BÖHLKE, E.B.** 2000. Notes of the identity of small, brown, unpatterned Indo-Pacific moray eels, with descriptions of three new species (Anguilliformes: Muraenidae). Pacific Science (2000), 54(4):395-416.
- BÖHLKE, E.B.** Submitted. *Gymnothorax eurygnathos*, a new moray from the Gulf of California (Anguilliformes: Muraenidae). Rev. Biol. Trop.
- BÖHLKE, E.B. & J.E. MCCOSKER**. In Press. The moray eels of Australia and New Zealand, with descriptions of two new species. Rec. Aust. Mus.
- BÖHLKE, E.B., J.E. MCCOSKER & D.G. SMITH**. 1999. Family Muraenidae. Pp. 1643-1657 in Carpenter, K. E. and V. H. Niem (eds). FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Vol. 3. Batoid fishes, chimaeras and bony fishes part 1 (Elopidae to Linophrynidae). Rome, FAO: 1397-2066.
- BÖHLKE, E.B. & J.E. RANDALL**. 1999. *Gymnothorax castlei*, a new species of Indo-Pacific moray eel (Anguilliformes: Muraenidae). Raffles Bull. Zool. 47(2): 549-554.
- BÖHLKE, E.B. & J.E. RANDALL**. 2000. A review of the moray eels (Anguilliformes: Muraenidae) of the Hawaiian Islands, with descriptions of two new species. Proc. Acad. Nat. Sci., Phila., 150:203-278.
- BÖHLKE, E.B. & D.G. SMITH**. Submitted. Family Muraenidae. Shore fishes of the western Indian Ocean.
- BOLAÑOS, J., A. QUIJADA, E. SOLÓRZANO & R. SUAREZ**. 1997. Evaluación de la composición de la ictiofauna en los Embalses Irurpana II, Candelaria I, Karimisirú I y Laguna del Pájaro. Edo. Zulia. MARNR. SACSCH-PROFAUNA. Informe Técnico de la Dirección de Manejo de Fauna Acuática.
- BONILLA, A., A. MACHADO-ALLISON, C. SILVERA, B. CHERNOFF, H. LÓPEZ & C. LASSO** 1999. *Apareiodon orinocensis*, una nueva especie de pez de agua dulce (Pisces: Characiformes: Parodontidae) proveniente de los Ríos Caura y Orinoco, Venezuela. Acta Biol. Venez., 19 (1): 1-10.
- BREINING, T. & R. BRITZ** 2000. Egg surface structure of three clingfish species, using scanning electron microscopy (Teleostei: Gobiessocidae). J. Fish Biol. 56:1129-1137.
- BRIGGS, J.C.** 1999. Marine species diversity. BioScience 49:351-352.
- BRIGGS, J.C.** 1999. Coincident biogeographic patterns: Indo-West Pacific Ocean. Evolution 53: 326-335.
- BRIGGS, J.C.** 1999. Extinction and replacement in the Indo-West Pacific Ocean. J. Biogeogr. 26:277-283.
- BRIGGS, J.C.** 1999. Modes of speciation: Indo-West Pacific. Bull. Mar. Sci. 65:645-656.
- BRIGGS, J.C.** 1999. Faunal and floral provinces. Encyclopedia of Paleontology. v. 1 (R. Singer, ed.):445-455. Fitzroy Dearborn, Chicago.
- BRIGGS, J.C.** 1999. Seas, ancient. Encyclopedia of Paleontology. v. 2 (R. Singer, ed.):1070-1072. Fitzroy Dearborn, Chicago.
- BRIGGS, J.C.** 2000 (in press). Centrifugal speciation and centers of origin. J. Biogeography.
- BRIGGS, J.C.** 2000 (in press). New species of *Lepadichthys* from the Philippine islands. Copeia.
- BRITZ, R.** (2000) Aspects of the reproduction and development of *Indostomus paradoxus* Prasad & Mukerji 1929 (Teleostei, Gasterosteiformes). Ichthyol. Explor. Freshwaters 11.
- BRITZ, R., A. HEYDT & F. KIRSCHBAUM** 2000. Observations on the structure of larval attachment organs in three species of gymnotiforms (Teleostei: Ostariophysi). Acta Zoologica 81(1): 57-68.
- BRITZ, R. & M. KOTTELAT**. 1999. *Sundasalanx mekongensis*, a new species of clupeiform fish from the Mekong basin (Teleostei: Sundasalangidae). Ichthyol. Explor. Freshwaters 10 (4): 337-344.
- BRITZ, R. & M. KOTTELAT**. 1999. Two new species of gasterosteiform fishes of the genus *Indostomus* (Teleostei: Indostomidae). Ichthyol. Explor. Freshwaters 10 (4): 327-336.
- BRUCE, B.D., M.A. GREEN & P.R. LAST**. 1999. Aspects of the biology of the endangered spotted handfish, *Brachionichthys hirsutus* (Lophiiformes: Brachionichthyidae) off southern Australia. In: 'Proc. 5th Indo-Pac. Fish Conf., Noumea, pp 369-380. (eds B. Seret & J.-Y. Sire). Soc. Fr. Ichtyol., Paris.
- BRZOBHATY, R. & D. NOLF**. 2000. *Diaphus* otoliths from the European Neogene (Myctophidae, Teleostei). Bull. Inst. Roy. Sci. Nat. Belgique. Sci. de la Terre, 70:185-206.
- BUHRNHEIM, C. M. & C. COX FERNANDES**. In press. Low seasonal variation of fish communities in Amazonian rain forest streams. Ichthyological Exploration of Freshwaters.
- BURGESS, W.E.** In press. Family Chaetodontidae. In: K.E. Carpenter (Ed.), The living marine resources of the western central Atlantic, FAO species identification guide for fishery purposes.
- BURGESS, W.E.** In press. Family Pomacanthidae. In: K.E. Carpenter (Ed.), The living marine resources of the western central Atlantic, FAO species identification guide for fishery purposes.

- BURGESS, W.E.** In press. Family Ehippidae. In: K.E. Carpenter (Ed.), The living marine resources of the western central Atlantic, FAO species identification guide for fishery purposes.
- BURGESS, W.E.** In press. *Prognathodes* xxx, a new species of butterfly fish (Teleostei: Chaetodontidae) from southern Brazil. *Trop. Fish Hobby.*, 49(6):xx
- BURRIDGE, C.P.** 1999. Molecular phylogeny of *Nemadactylus* and *Acantholatris* (Perciformes: Cirrhitidae: Cheilodactylidae), with implications for taxonomy and biogeography. *Mol. Phylog. Evol.* 13(1): 93-109.
- BURRIDGE, C.P. & R.W.G. WHITE.** 2000. Molecular phylogeny of the antitropical subgenus *Goniistius* (Perciformes: Cheilodactylidae: *Cheilodactylus*): evidence for multiple transequatorial divergences and non-monophyly. *Biol. J. Linn. Soc.* 70: 435-458.
- BURTON, E.J., A.H. ANDREWS, K.H. COALE & G.M. CAILLIET.** 1999. Application of radiometric age determination to three long-lived fishes using ²¹⁰Pb-²²⁶Ra disequilibria in calcified structures: a review. In: J.A. Musick (editor), "Ecology and Conservation of Long-Lived Marine Animals," *Am. Fish. Soc., Special Publication* 23:77-87.
- BUSBY, M. S. & J.W. ORR.** 2000. A pelagic basslet *Howella sherborni* (family Acropomatidae) off of the Aleutian Islands. *Alaska Fish. Res. Bull.* 6(1):49-53.
- CAILLIET, G.M., ANDREWS, G. MORENO, W.W. WAKEFIELD & K. RHODES.** 1999. Fish faunal and habitat analyses using trawls, camera sleds and submersibles in benthic deep-sea habitats off central California. *Proceedings, Marine Benthic Habitats and Their Living Resources: Monitoring, Management and Applications to Pacific Island Countries.* *Oceanologica Acta* 22(6): 579-592.
- CAMPO, M. & R. SUÁREZ.** 1996. Inventario preliminar de la Ictiofauna del Parque Nacional Península de Paria y Areas adyacentes. Edo. Sucre. (PT) Serie Informes Técnicos PROFAUNA/IT/09. ISBN 980-04-1120-8.
- CAMPO, M. & R. SUÁREZ.** 1996. Inventario preliminar de Ictiofauna en el área del embalse Taguaza, cuenca del río Tuy, Edo. Miranda, e impactos potenciales de la represa sobre los peces. (PT) Serie Informes Técnicos Dirección General de Fauna/IT/386. ISBN 980-04-1207-7.
- CAPPETTA, H. & S. ADNET.** To appear. Découverte du genre actuel *Trigonognathus* (Squaliformes: Etmopteridae) dans le Lutétien des Landes (sud-ouest de la France). Remarques sur la denture de l'espèce actuelle *Trigonognathus kabeyai*. *Paläontologisches Zeitschrift*.
- CAPPETTA, H., F. PFEIL & N. SCHMIDT-KITTLER.** 2000. New biostratigraphical data on the marine Upper Cretaceous and Palaeogene of Jordan.—*Newsletters on Stratigraphy*, 38 (1):81-95, 3 fig., 1 pl.
- CARPENTER, K.E.** 2000. Bony Fishes. General Remarks, Technical Terms and Measurements, Glossary of Technical Terms, and Guide to Orders and Families. 2000. In: K. E. CARPENTER and V. H. NIEM, eds. *FAO Species Identification Guide for Fishery Purposes. The Living Marine Resources of the Western Central Pacific. Volume 3. Batoid fishes, chimaeras and bony fishes part 1 (Elopidae to Linophrynidae).* FAO, Rome, pp:1540-1618.
- CARPENTER, K.E. & V.H. NIEM,** eds. 2000. *FAO Species Identification Guide for Fishery Purposes. The Living Marine Resources of the Western Central Pacific. Volume 3. Batoid fishes, chimaeras and bony fishes part 1 (Elopidae to Linophrynidae).* FAO, Rome, pp: 1398-2068.
- CARPENTER, K.E. & V.H. NIEM,** eds. 2000. *FAO Species Identification Guide for Fishery Purposes. The Living Marine Resources of the Western Central Pacific. Volume 4. Bony fishes part 2 (Mugilidae to Carangidae).* Pp: 2069-2790.
- CARVALHO, M., L.V.J. COMPAGNO & P.R. LAST.** 2000. Families Narciniidae. In: *FAO Identification Guide for Fisheries Purposes - Western Central Pacific (FAO Fishing Area 71 and the southwestern part of area 77).* FAO, Rome. Pp 1433-1442.
- CASTRO-AGUIRRE, J.L., H.S. ESPINOSA PÉREZ & J.J. SCHMITTER-SOTO.** 1999. Ictiofauna estuarino-lagunar y vicaria de México. México: Ed. Noriega-Limusa, S.A. de C.V., 711 p.
- CAVIN, L., N. BARDET, H. CAPPETTA, E. GHEERBRANT, S.M. IAROHENE & J. SUDRE.** 2000. A new Palaeocene albulid (Teleostei: Elopomorpha) from the Ouled Abdoun phosphatic basin, Morocco. *Geological Magazine*, 137 (5) : 583-591, fig. 1-5.
- CHANG, M.H., S.C. WANG AND K.T. SHAO.** 2000 (in revision). Holong stream as an example to apply the IBI (Index of Biotic Integrity) to assess degradation of waterbody quality in an island stream. *Aquatic Ecology* (?):xx
- CHEN, K.C., K.T. SHAO & J.S. YANG*** 1999. Using micropylar ultrastructure for species identification and phylogenetic inference among four species of Sparidae. *J. Fish. Biol.*, 55(2): 288-300.
- CHEN I-S. & M. KOTTELAT.** 2000 *Rhinogobius maculicervix*, a new species of goby from the Mekong basin in northern Laos (Teleostei: Gobiidae). *Ichthyol. Explor. Freshwaters* 11 (1): 81-87.
- CHEN, I.S., B. SÉRET, C. POLLBAUER & K.T. SHAO.** 2000 (in press). *Schismatogobius fuligimentus*, a new species of freshwater goby (Teleostei: Gobiidae) from New Caledonia. *Zool. Stud.*
- CHEN, L.S., J.P. CHEN & K.T. SHAO.** 1999. Seven new records of coral reef fishes from Taiwan. *Acta Zool. Taiwanica.* 10(2): 113-119.
- CHEN, J.P. & K.T. SHAO.** 2000. *Callogobius nigromarginatus*, a new species of goby. *Bull. Mar. Sci.* 66(2): 257-466.
- CHEN, X.-Y. & J.-X. YANG** In preparation. Phylogeny and biogeography of the cyprinid Genus *Barbodes* Bleeker, 1859 (Teleostei: Cyprinidae) in Yunnan, China, with comments on taxonomy.
- CHEN, X.-Y. & J.-X. YANG.** In preparation. Taxonomy and phylogeny of the cyprinid subgenus *Mesocyprinus* Fang, 1936 (Teleostei: Cyprinidae, *Cyprinus*).
- CHEN, Y.-F., D.-K. HE, Z.-M. CHEN, ET AL.,** 1999. The preembryonic development and sperm longevity of *Gymnocypris namensis*, Tibet. *Journal of Lanzhou University*, vol.35 supp. [In Chinese with English abstract]
- CHEN, Z.-M. & Y.-F. CHEN.** 2000. Genetic relationship of the specialized schizothoracine fishes inferred from amplified polymorphic DNA analysis. *Zoological Research*, 21(4):262-268. [In Chinese with English abstract]
- CHEN, Z.-M. & Y.-F. CHEN.** Submitted. Phylogeny of the specialized schizothoracine fishes (Teleostei: Cypriniformes, Cyprinidae). *Zoological Studies*.
- CHEN, Z.-M. & J.-X. YANG.** Submitted. Review of subgenus *Tor* (*Tor*) from Yunnan, China with description of a new species (Teleostei: Cyprinidae). *Copeia*.
- CHEN, Z.-M., J.-X. YANG ET AL.** In preparation. The present status and conservation of the endemic fishes in Dianchi lake. *Chinese Biodiversity*. [In Chinese with English abstract]
- CHERNOFF, B., A. MACHADO-ALLISON, P. WILLINK, J. SARMIENTO, S. BARRERA, N.A. MENEZES & H. ORTEGA.** 2000. Fishes of three Bolivian rivers: diversity, distribution and conservation. *Interciencia* 25(6): 273-283.
- COAD, B.W.** 1999a. Researchs and scientists. Brian W. Coad. *Iran Nature and Wildlife Magazine*, 3:2 pp. (In Farsi and English).
- COAD, B.W.** 1999b. *Freshwater Fishes*, p. 655-669. In: Yarshater E. (Ed.). *Encyclopædia Iranica (Daneshnameh-ye Iranika)*. Vol. IX, Fascicule 6. *Festivals VIII - Fish.* Bibliotheca Persica Press, New York.
- COAD, B.W.** 2000. Review of "Catalog of Fishes". William N. Eschmeyer (Ed). 1998. *California Academy of Sciences*, San Francisco. ISBN 0-940228-47-5, 3 volumes + CD-ROM. U.S.\$170. *Biodiversity, Journal of Life on Earth*, 1(3):40-41.
- COAD, B.W. & A. ABDOLI.** 2000. *Rhinogobius cf. similis* Gill, 1859, a goby new to the fish fauna of Iran and the problem of alien invasions. *Zoology in the Middle East*, 20:55-59.
- COAD, B.W., J.W. ATZ & Y. KEIVANY.** 2000. Fish imagery in art 82: Jonah and the fish. *Environmental Biology of Fishes*, 57(1):9.
- COAD, B. & J. HOLCÍK.** 2000. On *Silurus* species from Iran (Actinopterygii: Siluridae). *Folia Zoologica.*, 49(2):139-148, 2 tables, 5 figs.
- COCCA E., H.W. DETRICH III, G. DI PRISCO, C. EVANS, B. GIARDINA, J.-C. HUREAU, J.A. MACDONALD, C. OZOUF-COSTAZ, E. PISANO & A. RICCIO.** In press. The I.C.E.FISH Programme: An International Collaboration to Investigate the Ecophysiological Adaptations of Antarctic Fish. *EASIZ Symposium*, Bremerhaven, 22-25 juin 1999.
- COLE, K.S. & A.C. GILL.** 2000. Specialization of the urinary bladder in two pseudoplesiopinines (Teleostei: Pseudochromidae). *Copeia* 2000(4): 1083-1089.
- COLGAN, D.J., C.G. ZHANG & J. R. PAXTON.** In press. Phylogenetic investigations of the Stephanoberyciformes and Beryciformes, particularly whalefishes (Euteleostei: Cetomimidae), based on partial 12S rDNA and 16S rDNA sequences. *Molec. Phylogen. Evol.* 17(1):15-25.
- COLLETTE, B.B.** 2000. Families Belontiidae, Hemiramphidae, Pomatomidae, Echeneidae, Rachycentridae, and Coryphaenidae. In: K.E. Carpenter and V.H. Niem, eds. *FAO Species Identification Guide for Fishery Purposes, The Living Marine Resources of the Western Central Pacific.* vol. 4:2151-2161, 2180-2196, 2650, 2652-2654, 2655, 2657-2658. FAO, Rome.

- COLLETTE, B.B.** In press. Families Ammodytidae and Scombridae. In: K.E. Carpenter and V.H. Niem, eds. FAO Species Identification Guide for Fishery Purposes, The Living Marine Resources of the Western Central Pacific. vol. 5. FAO, Rome.
- COLLETTE, B.B.** in press. Families Batrachoididae, Belonidae, Coryphaenidae, Echeineidae, Hemiramphidae, Lampridae, Pomatomidae, Rachycentridae, and Scombridae. In: K.E. Carpenter, ed. FAO Identification Guide to Living Marine Resources of the West Central Atlantic. FAO, Rome.
- COLLETTE, B.B. & H.M. BANFORD.** In press. Status of the eastern Pacific agujon needlefish *Tylosurus pacificus* (Steindachner, 1876) (Beloniformes: Belonidae). Rev. Trop. Biol.
- COLLETTE, B.B. & G. KLEIN-MacPHEE,** eds. In press. Bigelow and Schroeder's "Fishes of the Gulf of Maine", revised edition. Smithsonian Institution Press.
- COLLETTE, B. B. & J.E. RANDALL.** 2000. *Ammodytoides leptus*, a new species of sand lance (Teleostei: Ammodytidae) from Pitcairn Island. Proc. Biol. Soc. Washington 113:397-400.
- COLLETTE, B.B., C. REEB, & B.A. BLOCK.** In press. Systematics of the tunas and mackerels (Scombridae). In: B.A. BLOCK, ed., Physiological Ecology of Tunas. Academic Press.
- COLLETTE, B.B. & D.R. ROBERTSON.** In press. Redescription of *Ammodytoides gilli*, an eastern Pacific sand lance (Teleostei: Ammodytidae). Rev. Biol. Trop.
- COMPAGNO, L.V.J., & P.R. LAST.** 2000. Families Pristidae, Rhinidae, Rhinobatidae, Platyrrhinidae, Gymnuridae, Hexatrygonidae, Plesiobatidae, Rhinopteridae, Mobulidae, Torpedinidae, Hypnidae. In: 'FAO Identification Guide for Fisheries Purposes - Western Central Pacific (FAO Fishing Area 71 and the southwestern part of area 77)'. FAO, Rome. pp 1410-1432, 1443-1451, 1467-1468, 1477-1478, 1506-1529.
- COMPAGNO, L.J.V., J.D. STEVENS & P.R. LAST.** 1999. Australian spotted catsharks of the genus *Asymbolus* (Carcharhiniformes: Scyliorhinidae). Part 1: Descriptions of three new species from Western Australia, p 2-18. In: Last (Ed.) Australian catsharks of the genus *Asymbolus* (Carcharhiniformes: Scyliorhinidae). CSIRO Marine Laboratories Report 239 (Dec. 1999): 1-35.
- CONNELL, A.D., P.C. HEEMSTRA & P.A. GARRATT.** 1999. Eggs and larvae of the Santer, *Cheimereus nufar* (Perciformes: Sparidae) from KwaZulu-Natal, South Africa. S. Afr. J. mar. Sci. 2:41-50.
- COX FERNANDES, C.** 1999. Detrended canonical correspondence analysis (DCCA) on the status of the electric fish assemblages in the Amazon. Proceeding of the International Symposium of Biology of Tropical Fishes, edited by A. L. Val and V. M. F. Almeida-Val. Chapter 3, INPA, Manaus.
- COX-FERNANDES, C. & J. PODOS.** In press. Sobre a Descarga do Órgão Elétrico do Sarapó *Apteronotus hasemani* (Gymnotiformes: Apteronotidae). Book chapter: História Natural da Biota Amazônica, edited by Renato Cintra, Universidade do Amazonas.
- CRAIG, M.T., D.J. PONDELLA, II, J.P.C. FRANCK & J.C. HAFNER.** In press. On the status of the serranid fish genus *Epinephelus*: Evidence for paraphyly based on 16S rDNA sequences. Mol. Phy. and Evol.
- CRAMPTON, W.G.R, J.S. ALBERT & D.H. THORSEN.** Submitted. Four new species of *Gymnotus* (Teleostei: Gymnotiformes) from Central Amazônia: continued documentation of an astonishingly diverse electric fish fauna. Copeia.
- DE LA CRUZ-AGÜERO, J.** 2000. Origen y distribución de la ictiofauna de la Laguna de San Ignacio, Baja California Sur, México. Ciencia Ergo Sum 7 (2): 157-165.
- DE LA CRUZ-AGÜERO, J. & B. PEREZ-GOMEZ.** Submitted. Lordosis in topsmelt *Atherinops affinis* (Ayres, 1860) (Teleostei: Atherinopsidae). Revista de Biología Marina y Oceanografía.
- DESOUTTER, M., T.A. MUNROE & F. CHAPLEAU.** In press. Nomenclatural status of *Brachirus* Swainson, *Synaptura* Cantor, and *Euryglossa* Kaup (Soleidae, Pleuronectiformes). Ichthyol. Research.
- DI PRISCO G., E. COCCA, H.W. DETRICH III, B. GIARDINA, C. EVANS, J.-C. HUREAU, M. MAFFIA, J.A. MACDONALD, C. OZOUF, D. PELLEGRINO, E. PISANO, A. RICCIO, & R. SCUDIERO.** 2000. Progetto di collaborazione multi-nazionale e multi-disciplinare I.C.E.FISH (International Collaborative Effort on Fish), pp. 45-51. In: Rapporto sulla Campagna Antartica Estate Australe 1998-99, Quattordicesima Spedizione, Programma Nazionale di Ricerca in Antartide, Roma, 1999, pp. 45-54.
- DI PRISCO G., B. GIARDINA, E. PISANO, D. PELLEGRINO, M. MAFFIA, C. OZOUF-COSTAZ, J.-C. HUREAU, H.W. DETRICH III, C. EVANS & J.A. MACDONALD.** 1999. The 1999 I.C.E.FISH Programme: an international collaboration to investigate the ecophysiological adaptations of Antarctic Fish. In: Tamburini M. (ed), Università degli Studi di Camerino, Newsletter of the Italian Biological Research in Antarctica, austral summer 1998-99, 3:85-88.
- DIAS, J.H.P. & J.C. GARAVELLO,** 1998. Ecological studies on the fish communities of Salto Grande Reservoir, Paranapanema river basin, São Paulo, Brazil. Verh. Internat. Verein. Limnol. 26: 2228-2231, Stuttgart, Juni, 1998.
- DILLON, A.K. & C.A. STEPIEN.** 2001 (in press). Genetic and biogeographic relationships of the invasive round (*Neogobius melanostomus*) and tubenose (*Proterorhinus marmoratus*) gobies in the Great Lakes versus Eurasian populations. J. Great Lakes Res.
- DINGERKUS, G.** 1999. Habitats and distribution. In: J.D. Stevens, Ed., Sharks. Second edition. Weldon Owen Pty Ltd., Sydney, Australia. Pp.62-73.
- DINGERKUS, G.** 1999. On reconciling God and evolution. The Times Herald Record, 9 Nov. 1999:47.
- DINGERKUS, G.** 2000. Don't bite too fast on aquarium plan. The Times Herald Record, 22 Feb. 2000:41.
- DINGERKUS, G.** Submitted. The shark watchers' guide. Revised edition.
- DONALDSON, T.J.** In press. Habitat association and depth distribution of two sympatric groupers of the genus *Cephalopholis* (Serranidae: Epinephelinae). Ichthyological Research.
- DOUKAKIS, P., V.J. BIRSTEIN, R. DESALLE, A.N. LUDWIG, A. LUDWIG, A. MACHORDOM, A. ALMODOVAR & B. ELVIRA.** 2000. Failure to confirm previous identification of two putative museum specimens of the Atlantic sturgeon, *Acipenser sturio*, as the Adriatic sturgeon, *A. naccarii*. Marine Biology 136(2): 373-377.
- DUFOUR, E., H. CAPPETTA, A. DENIS, Y. DAUPHIN & A. MARIOTTI.** 2000. La diagenèse des oolithes par la comparaison des données microstructurales, minéralogiques et géochimiques : application aux fossiles du Pliocène du Sud-Est de la France. Bulletin de la Société géologique de France, 171 (5) : 521-532, 4 figs., 1 tbl.
- DUHAMEL, G., P. KOUBBI & C. RAVIER** 2000. - Day and night mesopelagic fish assemblages off the Kerguelen islands (Southern Ocean). Polar Biol. 23 : 106-112.
- ECONOMIDIS, P.S.** 2000. The "Little Fisherman" and the Fish he holds. Proceedings of the First International Symposium: The Wall Paintings of Thera. Thera 30 Aug. to 4 Sept. 1997. 2:555-560.
- ECONOMIDIS P. S., A. KALLIANIOTIS & H. PSALTOPOULOU.** 1999. Sea Lamprey, *Petromyzon marinus* (Cyclostomata, Petromyzontidae), in the eastern Mediterranean-two records from the Aegean Sea (Greece). Journal of Fish Biology, 55: 1114-1118
- ELVIRA, B. & A. ALMODOVAR.** 2000. Morphology and taxonomy of the Atlantic sturgeon *Acipenser sturio* from Spain. Folia Zoologica 49(3): 221-230.
- ERDTMANN, B.-D., B. WEBER, H.-P. SCHULTZE & S. EGENHOFF.** 2000. A possible agnathan plate from the lower Arenig (Lower Ordovician) of South Bolivia. J. Vert. Paleontol. 20(2): 394-399.
- FALK, T.M., G.G. TEUGELS, E.K. ABBAN, W. VILLWOCK & L. RENWRANTZ.** 2000. Morphometric and allozyme variation in the black-chinned tilapia *Sarotherodon melanotheron* (Perciformes, Cichlidae), with a revision of the subspecies complex. J. Nat. Hist., 34: 1849-1863.
- FANG, F. & M. KOTTELAT.** 1999. *Danio* species from northern Laos, with descriptions of three new species (Teleostei: Cyprinidae). Ichthyol. Explor. Freshwaters 10 (3): 281-295.
- FANG F. & M. KOTTELAT.** 2000. *Danio roseus*, a new species from the Mekong basin in northeastern Thailand and northwestern Laos (Teleostei: Cyprinidae). Ichthyol. Explor. Freshwaters 11 (2): 149-154.
- FERNÁNDEZ, L. & R.P. VARI.** In press. A new species of *Trichomycterus* (Teleostei: Siluriformes) lacking a pelvic fin and girdle from the Andes of Argentina. Copeia, 2000(4): 990-996.
- FERRARIS, C.J., JR.** 1999 [2000 (Sept)]. Gonorynchidae. P. 1825-1826. In, FAO Species Identification Guide for Fishery Purposes: The living marine resources of the Western Central Pacific, FAO, Rome.
- FERRARIS, C.J., JR.** 1999 [2000 (Sept)]. Plotosidae. P. 1880-1883. In, FAO Species Identification Guide for Fishery Purposes: The living marine resources of the Western Central Pacific, FAO, Rome.
- FERRARIS, C.J., JR.** 2000. (Review of) Describing Species (J. Winston). Copeia. 2000 (4):00.
- FERRARIS, C.J., JR.** 2000. (Review of) Phylogeny and classification of neotropical fishes (L.R. Malabarba et al., eds.). Copeia. 2000 (1):314-315.

- FERRARIS, C. J., JR. & W.E. ESCHMEYER.** 2000. (Review of) International Code of Zoological Nomenclature, 4th Edition (W. D. L. Ride, et al., eds.). Copeia 2000 (3): 907-908.
- FERRARIS, C. J., JR., M. MCGROUTHER & K. PARKINSON.** 2000 (Nov.). A critical review of the types and putative types of southern Asian fish species in the Australian Museum named by Francis Day. Records of the Australian Museum. 52 ms.pages.[reprints available from McGrouther at AMS].
- FERRARIS, C.J. JR. & R. P. VARI.** 2000. The deep-water South American catfish genus *Pseudepapterus* Steindachner 1915 (Ostariophysi: Siluriformes: Auchenipteridae). Ichthyol. Explor. Freshwaters 11(1):97-112.
- FERRY-GRAHAM, L.A., P.C. WAINWRIGHT, C.D. HULSEY & D.R. BELLWOOD.** In press. Evolution and mechanics of long jaws in butterflyfishes (Family Chaetodontidae). J. Morphology.
- FIGUEIREDO, J.L. & N.A. MENEZES.** 2000. Manual de Peixes marinhos do sudeste do Brasil. VI. Teleostei (5). Museu de Zoologia, Universidade de São Paulo, 116 pp.
- FISHER, R., D.R. BELLWOOD & S.D. JOB** 2000. The development of swimming abilities in reef fish larvae. Marine Ecology Progress Series.
- FLOETER, S.R., R.Z.P. GUIMARÃES, L.A. ROCHA, C.E.L. FERREIRA, C.A. RANGEL & J.L. GASPARINI.** In press. Geographic variation in reef-fish assemblages along the Brazilian coast. Global Ecology and Biogeography.
- FOWLER, S.L., M.B. MANJAJI, R.D. CAVANAGH, L.V.J. COMPAGNO, S.G. MYCOCK & P.R. LAST.** 1999. Elasmobranch biodiversity, conservation and management in Sabah. In: 'Proc. 5th Indo-Pac. Fish Conf., Noumea, pp 257-269. (eds B. Seret & J.-Y. Sire). Soc. Fr. Ichtyol., Paris.
- FRASER, T.H., J.E. RANDALL, & E.A. LACHNER.** 1999. A review of the Red Sea cardinalfishes of the *Apogon bandanensis* complex, with a description of a new species. Spec. Pub. J.L.B. Smith Inst. Ichth. no. 63:1-13.
- FRICKE, R.** In press. Callionymidae of New Caledonia, with remarks on related species and descriptions of 10 new species from New Caledonia, Australia, New Guinea, and Hawaii (Teleostei). Stuttgarter Beiträge zur Naturkunde, (A) 617, 2000.
- FRICKE, R.** In press (July 1999). Tripterygiid fishes of New Caledonia, with the description of a new species. Proceedings of the XIX Pacific Science Congress, Sydney.
- FRICKE, R.** In press. Draconettidae, Callionymidae. FAO Western and Central Pacific Identification Guide.
- FRICKE, R.** In press. Auswirkungen elektrischer und magnetischer Felder auf Meeresfische in der Nord- und Ostsee. Bundesamt für Naturschutz, Vilm.
- FRICKE, R. & H.-J. PAEPKE.** In press. The "Systema ichthyologiae" of Bloch & Schneider: proposed suppression of the 1800 version. Bulletin of Zoological Nomenclature, London.
- FROESCHEIS, O., R. LOOSER, G.M. CAILLIET, W.M. JARMAN & K. BALLSCHMITER.** 2000. The deep-sea as a final global sink of semivolatile persistent organic pollutants? Part I: PCBs in surface and deep-sea dwelling fish of the North and South Atlantic and the Monterey Bay Canyon (California). Chemosphere 40 (2000): 651-660.
- FROESE, R., N. BAILLY, G.U. CORONADO, P. PRUVOST, R. REYES & J.-C. HUREAU.** 1999. A new procedure to clean up fish collection databases, pp. 697-705. In: Séret B. & J.-Y. Sire (eds), Proc. 5th Indo-Pacif. Fish Conf., Nouméa, 1997, Paris : Soc. Fr. Ichtyol.
- FROESE, R. & C. BINOHLAN.** 2000. Empirical relationships to estimate asymptotic length, length at first maturity and length at maximum yield per recruit in fishes, with a simple method to evaluate length frequency data. J. Fish Biol. 56:758-773.
- FROESE, R. & M.L.D. PALOMARES.** 2000. Growth, natural mortality, length-weight relationship, maximum length and length-at-first-maturity of the coelacanth *Latimeria chalumnae*. Env. Biol. Fish. 58:45-52
- FROESE, R. & D. PAULY** (Editors). 2000. FishBase 2000: Concepts, design, and data sources. With 4 CD-ROMs. ICLARM, Los Banos, Philippines.
- FUIMAN, L.A.** 1999. Book Review: Fishes of Antarctica: a biological overview. Reviews in Fish Biology and Fisheries 9:272-273.
- FUIMAN, L.A., M.E. SMITH & V. MALLEY.** 1999. Ontogeny of routine swimming speed and startle responses in red drum, with a comparison of responses to acoustic and visual stimuli. Journal of Fish Biology. 55(supplement A):215-226.
- GARAVELLO, J.C.** 2000. Two new species of *Leporinus* Spix with a review of the blotched species of the Rio Orinoco system and redescription of *Leporinus muyscorum* Steindachner (Characiformes, Anostomidae). Proceedings of Academy of Natural Sciences of Philadelphia., 150: 193-201.
- GARAVELLO, J.C., H.A. BRITSKI & S.A. SCHAEFER.** 1998. Revision of the genus *Otothyris* Myers, 1927, with comments on geographic distribution (Ostariophysi, Loricariidae, Hypoptopomatinae). American Museum Novitates, number 3222, April, 1998, 19 pages, pls. & figs.
- GARAVELLO, J.C., O. ROCHA, E.G. SPINDOLA, A.C. RIETZLER & A.C. Leal,** 1998. Diversity of Fauna in the Interdunal Lakes of Lençóis Maranhenses. II. The Ichthyofauna. Anais da Academia Brasileira de Ciências, volume 70 (4): 797-803.
- GARAVELLO, J.C. & F.A. SAMPAIO.** Under submission. Six new species of the Genus *Astyanax* Baird & Girard from the Iguazu River Basin, Paraná River System, Brazil, South America (Ostariophysi, Characidae). Ichthyological Explorations of Freshwaters.
- GARAVELLO, J.C. & I.C. SANTANA.** 1998. Functional morphology, ecology and geographic distribution of the Neotropical catfish genus *Pareiorhina* Gosline from southeastern Brazilian rivers (Pisces, Loricariidae, Hypostominae). Verh. Internat. Verein. Limnol. 26: 2240-2243, Stuttgart, Juni, 1998.
- GAWLICKA, A., B. PARENT, M. H. HORN, N. ROSS, I. OPSTAD & O. J. TORRISSEN** 2000. Activity of digestive enzymes in yolk-sac larvae of Atlantic halibut (*Hippoglossus hippoglossus*): Indication of readiness for first feeding. Aquaculture 180(3,4):303-314.
- GHEDETTI, M. J., A. D. MEISNER & P. H. F. LUCINDA.** In press. A new species of *Jenynsia* (Teleostei: Cyprinodontiformes) from southern Brazil and its phylogenetic relationships. Copeia.
- GILHEN, J. & B.W. COAD.** 1999. The false catshark, *Pseudotriakis microdon* Brito Capello, 1867, new to the fish fauna of Atlantic Canada. Canadian Field-Naturalist, 113(3):514-516.
- GILL, A.C.** 2000. Family Centrogeniidae. Pp. 2549-2550. In: K.E. Carpenter & V.H. Niem (eds.). FAO Species Identification Guide for Fisheries Purposes. The Living Marine Resources of the Western Central Pacific. FAO, Rome.
- GILL, A.C.** 2000. Family Pseudochromidae. Pp. 2557-2577. In: K.E. Carpenter & V.H. Niem (eds.). FAO Species Identification Guide for Fisheries Purposes. The Living Marine Resources of the Western Central Pacific. FAO, Rome.
- GILL, A.C.** 2000. [Review of] Larvae of temperate Australian fishes. By F.J. Neira, A.G. Miskiewicz & T. Trnski. J. Fish Biol. 57(2): 540-541.
- GILL, A.C.** In press. Families Centrogeniidae, Pseudochromidae and Xenisthmidae. In: Checklist of the fishes of the South China Sea. Raffles Bull. Zool.
- GILL, A.C.** In press. Family Xenisthmidae. In: K.E. Carpenter & V.H. Niem (eds.). FAO Species Identification Guide for Fisheries Purposes. The Living Marine Resources of the Western Central Pacific. FAO, Rome.
- GILL, A.C.** In press. Revision of the Indo-Pacific fish subfamily Pseudochrominae (Perciformes: Pseudochromidae). Ichthyol. Monogr. J.L.B. Smith Inst. Ichthyol. 3
- GILL, A.C. & J.B. HUTCHINS.** In press. *Paramonacanthus oblongus*, the correct name for the Indo-Pacific fish currently called *P. japonicus*, with a recommendation concerning the nomenclature of *Stephanolepis cirrhifer* (Tetraodontiformes, Monacanthidae). Rec. West. Aust. Mus.
- GILL, A.C., J.M. LEIS & D.S. RENNIS.** 2000. Pseudochromidae (dottybacks and eelblennies). Pp. 456-460. In: J.M. Leis and B.M. Carson-Ewart (eds). The Larvae of Indo-Pacific Coastal Fishes. An Identification Guide to Marine Fish Larvae (Fauna Malesiana Handbooks 2). Brill Publishers, Leiden.
- GILL, A.C. & R.D. MOOI.** In press. Phylogeny of fishes. In: P.J.B. Hart & J.D. Reynolds (eds). Fish and Fisheries Handbook: The Biology, Conservation and Management of Exploited Species. Volume 1. Functional Fishes: The Biology Behind Fish Exploitation. Blackwell Science.
- GILL, A.C., R.D. MOOI & J.B. HUTCHINS.** 2000. Description of a new subgenus and species of the fish genus *Congrogadus* Günther from Western Australia (Perciformes: Pseudochromidae). Rec. West. Aust. Mus. 20(1): 69-79.
- GOLANI, D.** 2000. First record of the bluespotted cornetfish from the Mediterranean Sea. J. Fish Biol. 56: 1545-1547.
- GOLANI, D.** 2000. The Lessepsian migrant, the red-eye round herring, *Etrumeus teres* (DeKay, 1842), a new record from Cyprus. Zool. Mid. East 20: 61-64.

- GOLANI, D. & D. MIRES.** In press. Introduction of Fishes to the Freshwater System of Israel. Isr. J. Aquacult. - Bamidgah.
- GOMON, M.F. & J.W. JOHNSON** 1999. A new fringed stargazer (Uranoscopidae: *Ichthyoscopus*) with descriptions of the other Australian species. Mem. Qld. Mus. 43 (2): 597-619, figs 1-10, 2 tpls.
- GOMON, M.F. & F.J. NEIRA** 1998. Syngnathidae: Pipefishes and Seahorses. Pp. 122-132. In: Neira, F.J., A.G. Miskiewicz & T. Trnski. (Eds). Larvae of Temperate Australian Fishes: Laboratory Guide for Larval Fish Identification. University of Western Australia Press, Nedlands. 474 pp.
- GON, O.** 1999. Epigonidae. In: K.E. Carpenter & V.H. Niem (eds), FAO identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Vol. 4. Bony fishes part 2 (Mugilidae to Carangidae). Rome, FAO, pp. 2611- 2613.
- GON, O.** In press. The taxonomic status of the cardinalfish species *Apogon niger*, *A. nigripinnis*, *A. pharaonis*, *A. sialis*, and related species (Perciformes: Apogonidae).
- GON, O.** In press. Family Apogonidae. In: K.E. Carpenter (eds), FAO identification guide for fishery purposes. The living marine resources of the Western Central Atlantic.
- GON, O.** In press. Family Epigonidae. In: K.E. Carpenter (eds), FAO identification guide for fishery purposes. The living marine resources of the Western Central Atlantic.
- GON, O. & J.E. RANDALL.** In press. A review of the cardinalfishes (Perciformes: Apogonidae) of the Red Sea. J.L.B. Smith Inst. Ichthyol. Bull.
- GONZÁLEZ ACOSTA, A., G. DE LA CRUZ-AGÜERO, J. DE LA CRUZ-AGÜERO, R. RODRÍGUEZ SÁNCHEZ & J.L. CASTRO AGUIRRE.** 1999. First records of morphological abnormalities in leatherjack, *Oligoplites saurus*. Calif. Fish and Game 85 (2): 79-82.
- GONZÁLEZ ACOSTA, A., J. DE LA CRUZ-AGÜERO & V.M. COTAGÓMEZ.** 1999. Extension of geographical distribution and first occurrence of fishes in the northwest of México. Hidrobiológica 9 (1): 39-44.
- GONZÁLEZ ACOSTA, A., G. DE LA CRUZ-AGÜERO, J. DE LA CRUZ-AGÜERO & G. RUIZ CAMPOS.** 1999. Ictiofauna asociada al manglar del Estero El Conchalito, Ensenada de La Paz, B.C.S., México. Océanides 14 (2):121-131.
- GONZALEZ-ACOSTA, A.F., G. DE LA CRUZ-AGÜERO, J. DE LA CRUZ-AGÜERO & G.RUIZ-CAMPOS.** In preparation. Seasonal variability in abundance and diversity of fish community of El Conchalito estuary, Ensenada de La Paz, Baja California Sur, México.
- GOSZTONYI, A.E & A. LÓPEZ ARBARELLO.** In press. Sexual dimorphism in *Patagonotothen sima* (Pisces, Perciformes, Nototheniidae). Antarctic Science.
- GRAY, E. v. S. & J.R. STAUFFER, Jr.** 1999. Comparative microhabitat use of ecologically similar benthic fishes. Environmental Biology of Fishes 56:443-453.
- GREENE, H.G., M. YOKLAVICH, R. STARR, V. O'CONNELL, W. WAKEFIELD, D. SULLIVAN, J. MCREA & G. CAILLIET.** 1999. A classification scheme for deep sea floor habitats. Oceanologica Acta 22 (6): 663-678.
- HAHN, N. S., C. S. PAVANELLI & E. K. OKADA.** 2000. Dental development and ontogenetic diet shifts of *Roebooides paranensis* Pignalberi (Osteichthyes, Characinae) in pools of the upper Rio Paraná basin (State of Paraná, Brazil). Rev. Brasil. Biol., 60(1): 93-99.
- HAROLD, A.S.** In press. Order Stomiiformes: Families Astro-nesthidae, Chauliodontidae, Gonostomatidae, Ildiacanthidae, Malacosteidae, Melanostomiidae, Phosichthyidae, Sternoptychidae, and Stomiidae. In Carpenter, K. (ed.) Western Central Atlantic Identification Guide for Fishery Purposes. FAO Species Identification and Data Programme.
- HAROLD, A.S., K.E. HARTEL, J.E. CRADDOCK & J.A. MOORE.** In press. Family Sternoptychidae. In Collette, B.B. (ed.), Fishes of the Gulf of Maine.
- HAROLD, A.S. & R.K. JOHNSON.** In press. Family Bregmacerotidae. In Carpenter, K. (ed.) Western Central Atlantic Identification Guide for Fishery Purposes. FAO Species Identification and Data Programme.
- HAROLD, A. S. & R. WINTERBOTTOM.** 1999. *Gobiodon brochus*, a new species of gobiid (Teleostei; Gobioidae) from the western south Pacific, with a description of its unique jaw morphology. Copeia, (1): 49-57.
- HEEMSTRA, P.C.** 1999. Caproidae, Boarfishes. (p. 2261) in FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Vol. 4 Bony Fishes Part 2 (Mugilidae to Carangidae). K.E. Carpenter & V.H. Niem, eds. FAO, Rome, pp 2069-2790.
- HEEMSTRA, P.C.** 1999. Grammicolepididae, tinselfishes. (p. 2260) in FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Vol. 4 Bony Fishes Part 2 (Mugilidae to Carangidae). K.E. Carpenter & V.H. Niem, eds. FAO, Rome, pp 2069-2790.
- HEEMSTRA, P.C.** 1999. Macrurocyttidae, dwarf dories. (p. 2258) in FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Vol. 4 Bony Fishes Part 2 (Mugilidae to Carangidae). K.E. Carpenter & V.H. Niem, eds. FAO, Rome, pp 2069-2790.
- HEEMSTRA, P.C.** 1999. Parazenidae, Parazen. (p. 2257) in FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Vol. 4 Bony Fishes Part 2 (Mugilidae to Carangidae). K.E. Carpenter & V.H. Niem, eds. FAO, Rome, pp 2069-2790.
- HEEMSTRA, P.C.** 1999. Scombroptidae, Gnomefishes. (p. 2651) in FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Vol. 4 Bony Fishes Part 2 (Mugilidae to Carangidae). K.E. Carpenter & V.H. Niem, eds. FAO, Rome, pp 2069-2790.
- HEEMSTRA, P.C.** 1999. Zeidae, dories (p. 2259) in FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Vol. 4 Bony Fishes Part 2 (Mugilidae to Carangidae). K.E. Carpenter & V.H. Niem, eds. FAO, Rome, pp 2069-2790.
- HEEMSTRA, P.C. & J.E. RANDALL.** 1999. Serranidae, Groupers and sea basses. (pp. 2442-2548, plates I-VII) in FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Vol. 4 Bony Fishes, Part 2 (Mugilidae to Carangidae). K.E. Carpenter & V.H. Niem, eds. FAO, Rome, pp 2069-2790.
- HENDRICKSON, D.A. & J.D. MCEACHRAN.** 1999. Prefacio. Pp. 19-21 In: J.L. Castro-Aguirre, H. Espinosa-Pérez, and J. J. Schmitter-Soto, Ictiofauna Estuarino-Lagunar y Vicaria de México, Editorial Limusa, México, D.F. 711 pages.
- HENDRICKSON, D.A. & M.M. STEWART.** 2000. Historical Perspectives: Clark Hubbs. Copeia 2000 (2):619-622.
- HENDRICKSON, D.A. AND J. K. KREJCA.** 2000. Cavefish and subterranean freshwater biodiversity in northeastern Mexico and Texas, p. 41-43 In: Freshwater Ecoregions of North America: A Conservation Assessment, edited by R. A. Abell, D. M. Olson, E. Dinerstein, P. T. Hurley, J. T. Diggs, W. Eichbaum, S. Walters, W. Wetengel, T. Allnutt, C. J. Loucks, and P. Hedao, Washington, D.C.:Island Press.
- HENDRICKSON, D.A., J. K. KREJCA & J. M RODRIGUEZ.** 2000 (in press) Mexican blindcats, genus *Prietella* (Ictaluridae): review and status based on recent explorations. Environmental Biology of Fishes (invited paper for special issue on cave fishes)
- HENDRICKSON, D. A. & A. VARELA ROMERO.** 2000 (in press). Fishes of the Río Fuerte, Sonora, Sinaloa and Chihuahua, Mexico. In Lozana-Vilano, L. Mexican Ichthyology - a tribute to Dr. Salvador Contreras Balderas (to be published 1999) by Universidad Autónoma de Nuevo León, México.
- HENDRICKSON, D.A. & W.L. MINCKELY.** 2000 (in prep.). A new cyprinid fish from northwestern México..
- HENDRICKSON, D.A., A. VARELA-ROMERO & L. JUÁREZ-ROMERO.** 2000 (in prep.). Invasive fishes of the Sonoran Desert Region. Invited chapter for a book to be edited by B. Tellman, University of Arizona Press.
- HENDRICKSON, D.A., F. GARCIA DE LEÓN, T. WILLCOX & D.M. HILLIS.** 2000 (in prep). Phylogenetic relationships and geographic variation of *Prietella* (Siluriformes: Ictaluridae) of northeast Mexico as inferred from mtDNA sequences.
- HENDRICKSON, D.A. & J.C. MARKS.** 2001 (in prep.). Springs of Cuatro Ciénegas, Coahuila, México: an overview. Proceedings of the symposium "Desert Springs: Ecology, Biogeography and Conservation" (Arizona-Sonora Desert Museum, Tucson, Arizona; May 2000), Stephens, L.J. and T. VanDevender (eds.). University of Arizona Press.
- HEYER, W.R., J. CODDINGTON, W.J. KRESS, P. ACEVEDO, D. COLE, T. L. ERWIN, B. J. MEGGERS, M. POGUE, R. W. THORINGTON, R. P. VARI, M. J. WEITZMAN & S.H. WEITZMAN.** 2000. Amazonian biotic data and conservation decisions. Ciencia e Cultura, 51:372-385 (1999, issued March 2000).

- HORI, M. & K. WATANABE.** 2000. Aggressive mimicry in the intra-populational color variation of the Tanganyikan scale-eater *Perissodus microlepis* (Cichlidae). *Env. Biol. Fish.*, 59:111-115.
- HOSHINO, K., K. AMAOKA & P.R. LAST.** 2000. Description of transformation larvae and a juvenile of the dextral flounder, *Poecilopsetta praelonga* (Pleuronectidae, Poecilopsettiniae) from the northwestern waters of Australia. *Ichthyol. Res.* 2000. 263-270.
- HUREAU J.-C.,** 1999. Co-ordination and standardization of the management rules for Fish Collections, pp. 707-716. In: Séret B. & J.-Y. Sire (eds), Proc. 5th Indo-Pacif. Fish Conf., Nouméa, 1997, Paris : Soc. Fr. Ichtyol.
- HUREAU J.-C., PH. KOUBBI, M. WHITE & M. VACCHI,** 2000. Ecological data on *Trematomus hansonii*, a coastal fish from Terre Adélie (Antarctica). Proc. 7th SCAR Biology Symposium, Christchurch, September 1998, pp. 105-109, 7 fig.
- HUREAU J.-C., C. OZOUF-COSTAZ & E. PISANO,** 1999. Ecology, phylogeny and cytogenetics of Antarctic fishes : a contribution to the I.C.E.FISH Project. In: Tamburini M. (ed), Università degli Studi di Camerino, *Newsletter of the Italian Biological Research in Antarctica*, austral summer 1998-1999, 3:102-110.
- HUREAU J.-C., C. OZOUF-COSTAZ, G. LECOINTRE & PH. KOUBBI,** 2000. Les poissons antarctiques. *SFI-Infos, Bulletin de liaison de la Société Française d'Ichtyologie*, (14) : 1-5.
- HUTCHINS, J.B.** In press. Checklist of fishes of Western Australia. Records of the Western Australian Museum Supplement.
- HUTCHINS, J.B.** In press. Biodiversity of shallow reef fish assemblages in Western Australia using a rapid censusing technique.
- IWAMOTO, T.** 1999. Families Macrouridae, Bathygadidae, Bregmacerotidae, Moridae. FAO Ident. Guide Living Marine Resources West. Cent. Pacific. Vol. 3, pp. 1986-1998.
- IWAMOTO, T.** Submitted. Families Bathygadidae, Macrouridae, Macrouroididae, Steindachneriidae. In: K.E. Carpenter & V. Niem (eds.), FAO identification guide for fishery purposes. The living marine resources of the western central Atlantic. FAO, Rome.
- IWAMOTO, T. & M.E. ANDERSON.** 1999. A new species of *Caelorinchus* (Macrouridae, Gadiformes, Teleostei) from the Indian Ocean. *Copeia* 1999(4): 1079-1083.
- IWAMOTO, T. & D.M. COHEN.** Submitted. Families Gadidae, Gaidropsaridae, Melanonidae, Merlucciidae, Moridae, Phycidae. In: K.E. Carpenter & V. Niem (eds.), FAO identification guide for fishery purposes. The living marine resources of the western central Atlantic. FAO, Rome.
- IWAMOTO, T. & J. E. McCOSKER.** In press. Notes on Galapagos grenadiers (Pisces, Gadiformes, Macrouridae), with the description of a new species of *Coryphaenoides*. *Rev. Biol. Trop.*, Special Millennial Issue.
- IWATSUKI, Y., U. SATAPOOMIN & K. MATSUURA.** 1999. The rare haemulid fish, *Pomadasys andamanensis* McKay & Satapoomin, 1994, and comparisons with other striped species of *Pomadasys* (Teleostei, Perciformes). *Bull. Natn. Sci. Mus., Tokyo, Ser. A*, 25: 79-86.
- JACKSON, K.L. & J.S. NELSON.** 2000 (in press). *Neophrynichthys heterospilos*, a new species of fathead sculpin (Scorpaeniformes: Psychrolutidae) from New Zealand. *N.Z. J. Mar. Freshw. Res.* 34(4):
- JAN, R.Q., J.P. CHEN, C.Y. LIN & K.T. SHAO.** 2000 (in revision). Long-term monitoring of the coral reef fishes communities around a nuclear power plant. *Aquatic Ecology*.
- JENKINS, A.P., P.M. BUSTON & G.R. ALLEN.** 1999. Two new species of freshwater gudgeons (Eleotrididae: *Mogurnda*) from Lake Kutubu, Papua New Guinea. *Ichthyol. Explor. Freshw.*, 11(1): 47-54.
- JOB, S.D. & D.R. BELLWOOD.** 2000. Light sensitivity in larval fishes: implications for vertical zonation in the pelagic zone. *Limnology and Oceanography* 45: 362-371.
- KAILOLA, P.J.** 1999. Order Siluriformes. Ariidae (= Tachysuridae). Sea catfishes (fork-tailed catfishes). pp 1827-1879, in K.E. Carpenter and V.H. Niem (eds), FAO species identification guide for fishery purposes. The Living Marine Resources of the Western Central Pacific. Volume 3. Food & Agriculture Organisation of the United Nations, Rome.
- KAILOLA, P.J.** In press. Five new species and a new sub-species of fork-tailed catfishes (Ariidae) from Australia and New Guinea. The Beagle, Rec. of the Northern Territory Mus. of Arts and Sciences.
- KAYA, M., M. BILECENOGLU & D. GOLANI.** 2000. New record of a Lessepsian migrant *Pteragogus pelycus* Randall, 1981 (Teleostei: Labridae) for northern Cyprus. *Zool. Mid. East* 20: 65-68.
- KEIVANY, Y. & J.S. NELSON.** 2000. Taxonomic review of the genus *Pungitius*, ninespine sticklebacks (Gasterosteidae). *Cybius* 24(2): 107-122.
- KERLE, R., R. BRITZ & K.L. NG** 2000. Habitat preference, reproduction and diet of the earthworm eel, *Chendol keelini* (Teleostei: Chaudhuriidae). *Env. Biol. Fishes* 57(4): 413-422.
- KETMAIER, V., P.G. BIANCO, E. DE MATTEAIS & M. COBOLLI** 2000 (submitted). Biochemical biogeography and evolutionary relationships of the cyprinid genus *Scardinius* in Europe. *J. Fish Biol.*
- KIM, B.J. & K. AMAOKA.** In press. A new species, *Parupeneus procerigena*, from the Saya de Malha Bank in the western Indian Ocean (Perciformes: Mullidae). *Ichthyol. Res.*
- KIM, B.J., K. NAKAYA & I.S. KIM.** In press. Osteology of *Micropercops swinhonis* (Perciformes: Odontobutidae) from Korea. *Korean J. Ichthyol.*
- KIM, I.-S.** 2000. A new species of *Koecobitis* (Cobitidae) from Korea with redescription of *K. rotundicaudata*. *Korea J. Ichthyol.* 12(2): 89-95.
- KIMURA, S., M. OKADA, T. YAMASHITA, I. TANIYAMA, T. YODO, M. HIROSE, T. SADO & F. KIMURA.** 1999. Eggs, larvae and juveniles of the fishes occurring in the Nagara River estuary, central Japan. *Bull. Fac. Bioresources, Mie Univ.*, 23: 37-62.
- KIMURA, S., T. YAMASHITA & Y. IWATSUKI.** 2000. A new species, *Gazza rhombea*, from the Indo-West Pacific, with a redescription of *G. achlamys* Jordan & Starks, 1917 (Perciformes: Leiognathidae). *Ichthyol. Res.*, 47(1): 1-12.
- KOTTELAT, M.** 1999. Nomenclature of the genera *Barbodes*, *Cyclocheilichthys*, *Rasbora* and *Chonerhinos* (Teleostei: Cyprinidae and Tetraodontidae). *Raffles Bull. Zool.* 47 (2): 591-600.
- KOTTELAT, M.** 2000. Diagnoses of a new genus and 64 new species of fishes from Laos (Teleostei: Cyprinidae, Balitoridae, Bagridae, Syngnathidae, Chaudhuriidae and Tetraodontidae). *J. South Asian Nat. Hist.* 5 (1): 37-82.
- KOTTELAT, M.** 2000. Nomenclature and types of *Ophicephalus marginatus* and *O. limbatus* (Teleostei: Channidae). *J. South Asian Nat. Hist.* 5 (1): 95-96.
- KOTTELAT, M.** 2000. Notes on taxonomy, nomenclature and distribution of some fishes of Laos. *J. South Asian Nat. Hist.* 5 (1): 83-90.
- KOTTELAT, M.** 2000. The type species of *Acheilognathus* Bleeker, 1860 (Teleostei: Cyprinidae). *Ichthyol. Res.* 47 (2): 198-200.
- KOTTELAT, M.** 2000. The type species of the genus-group names *Coius* Hamilton, 1822 and *Datnia* Cuvier, 1829 and the type-genus of the family-group name Datnioididae Bleeker, 1858. *J. South Asian Nat. Hist.* 5 (1): 91-94.
- KOTTELAT, M.** In press. Aquatic biodiversity: considerations for conservation priorities and overarching threats. In: E. D. Wikramanayake, E. Dinerstein, C. Loucks & P. Hedao. *Terrestrial ecoregions of the Indo-Pacific region: a conservation assessment*. Island Press.
- KOTTELAT, M.** In press. Fishes of Laos. Wildlife Heritage Trust Publications, Colombo.
- KOTTELAT, M.** In press [Fishes of Laos] [edition in Lao language]. Wildlife Heritage Trust Publications, Colombo.
- KOTTELAT, M.** In press. Monodactylidae. In: K. E. Carpenter (ed.), *The living marine resources of the Western Central Pacific*, Volume 4. FAO, Rome.
- KOTTELAT, M.** In press. Nomenclatural status of names of tetraodontiform fishes based on Bibron's unpublished work. *Zoosystema*.
- KOTTELAT, M.** In press. Scatophagidae. In: K. E. Carpenter (ed.), *The living marine resources of the Western Central Pacific*, Volume 5. FAO, Rome.
- KOTTELAT, M. & K.K.P. LIM.** 1999. Mating behavior of *Zenarchopterus gilli* and *Zenarchopterus buffonis* and function of the modified dorsal and anal-fin rays in some species of *Zenarchopterus* (Teleostei: Hemiramphidae). *Copeia* 1999 (4): 1097-1101.
- KOTTELAT, M. & NG H.H.** 1999. *Belodontichthys truncatus*, a new species of silurid catfish from Indochina (Teleostei: Siluridae). *Ichthyol. Explor. Freshwaters* 10 (4): 387-391.
- KOTTELAT, M. & A. WHEELER.** In press. *Acipenser naccarii* Bonaparte, 1836 (Pisces, Acipenseridae): proposed conservation of the species name. *Bull. Zool. Nom.*
- KOTTELAT, M. & A. WHEELER.** In press. *Lebias* Goldfuss, 1820 (Pisces, Cyprinodontidae): proposed change of the type species. *Bull. Zool. Nom.*
- KOUBBI P., S. RAZOULS, A. GRIOCHE, D. HILDE, M. VACCHI & J.C. HUREAU.** In press. Condition and diet of *Pleuragramma*

- antarcticum* larvae (Nototheniidae) from Terre Adélie (Antarctica) during the summer 1996. *Cybiurn*.
- KREJCA, J.K., S. TAYLOR & D.A. HENDRICKSON.** 2000. Recent investigations of the cave fauna of northern Mexico: The Mexican Blindcat Research Team. National Speleological Society News.
- KRUPP, F., M. ALMARRI, U. ZAJONZ, K. CARPENTER, S. ALMATAR & H. ZETSCHE.** 2000 (in press). Twelve new records of fishes from the Gulf. *Fauna of Arabia*. 18.
- KULLANDER, S. O., R. BRITZ & F. FANG.** 2000. *Pillaja kachinica*, a new chaudhuriid fish species from Myanmar, with observations on the genus *Garo* (Teleostei: Mastacembeloidei: Chaudhuriidae). *Ichthyol. Explor. Freshwaters* 11.
- KUO, S.R., H.J. LIN & K.T. SHAO.** 2000 (accepted). Seasonal change in abundance and composition of fish assemblages in Chiku lagoon, southwestern Taiwan. *Bull. of Mar. Sci.*
- KUO, S.R. & K.T. SHAO.** 1999. Species composition of fish in the coastal zone of the Tzeng-wen Estuary, with description of five new records from Taiwan. *Zoo. Stud.* 38(4):391-404.
- LARSON, H.K.** 1999. A review of the mangrove goby genus *Hemigobius* (Gobioidae, Gobiidae, Gobionellinae). *The Beagle, Rec. of the Mus. and Art Galleries of the Northern Territory* 15:23-42.
- LARSON, H.K.** 2000. Centropomidae. Sea perches. Pp 2429-2432. In: Carpenter, K.E. and Niem, V.H. (eds) *FAO species identification guide for fishery purposes. The living marine resources of the western Central Pacific. Volume 4. Bony fishes part 2 (Mugilidae to Carangidae)*. FAO, Rome
- LARSON, H.L. & E.O. MURDY.** In press. *FAO Species Identification Sheets for the Western Central Pacific. Families Gobiidae and Eleotridae - Family Accounts, Species Lists and Keys to Genera.*
- LARSON, H.K. & C.VIDTHAYANON.** 2000. A new species of the bumble-bee goby genus *Brachygobius* (Teleostei: Gobiidae), from the Mekong River system. *Ichthyological Exploration of Freshwaters* 11(1): 1-6.
- LIASSO, C. & O. LIASSO-ALCALÁ.** 2000. Diversidad y estructura de la comunidad de peces en un río de la Guayana Venezolana: observaciones y censos subacuáticos como metodología alternativa. *Actas IX Congreso Iberoamericano de Biodiversidad y Zoología de Vertebrados. Buenos Aires, Argentina: 33-34.* (Abstract).
- LIASSO, C., O. LIASSO-ALCALÁ & J.C. CAPELO.** 1998 (2000). *Catálogo de la Colección de Tipos de Peces de la Fundación La Salle de Ciencias Naturales. Parte II: Museo Oceanológico Benigno Román (MOBR - EDIMAR). Mem. Soc. Cienc. Nat. La Salle, 149 (58): 105-114.*
- LIASSO, C. & A. MACHADO-ALLISON.** 2000 (in press). Sinópsis de las Especies de la Familia Cichlidae presentes en la Cuenca del Río Orinoco. Claves, Diagnosis y Aspectos Bioecológicos. *Serie Peces de Venezuela.* (ISBN - 980 - 6020 - 33-2, /ISBN - 1316-1598).
- LIASSO, C., A. RIAL & O. LIASSO-ALCALÁ.** 1999. Composición y variabilidad espacio-temporal de las comunidades de peces en ambientes inundables de los Llanos de Venezuela. *Acta Biol. Venez.*, 19 (2):1-28.
- LIASSO, C., A. RIAL & O. LIASSO-ALCALÁ.** 1999 (in press). Diversidad y Estructura de las Comunidades de Peces en Tres Caños de los Llanos de Venezuela. *Actas I Reunión Internacional Sobre Biodiversidad Iberoamericana. El Chaco y Las Sabanas Inundables. Red Ibero MAB-UNESCO.*
- LIASSO, C. & D. TAPHORN.** 2000 (in press). A new species of *Acestrocephalus* (Characiformes: Characidae) from Venezuela. *Revista de Biología Tropical*, 48 (2).
- LIASSO-ALCALÁ, O., C. LIASSO & J. C. SEÑARIS.** 1998 (2000). Aspectos de la Biología y Ecología de la Curvinata *Plagioscion squamosissimus* (Heckel, 1840) (Pisces: Sciaenidae) en los Llanos Inundables del Estado Apure, Venezuela. *Mem. Soc. Cienc. Nat. La Salle*, 149 (58): 3-34.
- LAST, P.R.** In press. Families Leptoscopidae, Amarsipidae, Ariommatidae, Nomeidae, Stromateidae, Tetragonuridae. In: *FAO Identification Guide for Fisheries Purposes - Western Central Pacific (FAO Fishing Area 71 and the southwestern part of area 77)*. FAO, Rome.
- LAST, P.R.** In press. Freshwater and estuarine elasmobranchs of Australia. In: *Proceedings of the International Seminar and Workshop on Shark and Ray Biodiversity, Sabah.*
- LAST, P.R. & L.V.J. COMPAGNO.** 2000. Families Dasyatidae, Urolophidae, Anacanthobatidae, Rajidae, Arhynchobatidae. In: *FAO Identification Guide for Fisheries Purposes - Western Central Pacific (FAO Fishing Area 71 and the southwestern part of area 77)*. FAO, Rome. pp 1452-1466, 1469-1476, 1479-1505.
- LAST, P.R., & L.V.J. COMPAGNO.** In press. Importance of biological collections for future taxonomic research in the Indo-West Pacific, In: *Proceedings of the International Seminar and Workshop on Shark and Ray Biodiversity, Sabah.*
- LAST, P.R., & L.V.J. COMPAGNO.** In press. Review of the biodiversity of rays in the region (South China Sea and adjacent areas). In: *Proceedings of the International Seminar and Workshop on Shark and Ray Biodiversity, Sabah.*
- LAST, P.R., M.F. GOMON & D.C. GLEDHILL.** 1999. Australian spotted catsharks of the genus *Asymbolus* (Carcharhiniformes: Scyliorhinidae). Part 2: Descriptions of three new, dark-spotted species, p 19-35. In: *Last (Ed.) Australian catsharks of the genus Asymbolus (Carcharhiniformes: Scyliorhinidae)*. CSIRO Marine Laboratories Report 239 (Dec. 1999): 1-35.
- LAST, P.R. & M. MOTEKI.** In press. Family Bramidae. In: *FAO Identification Guide for Fisheries Purposes - Western Central Pacific (FAO Fishing Area 71 and the southwestern part of area 77)*. FAO, Rome.
- LAST, P.R. & B. SERET.** 1999. Comparative biogeography of the chondrichthyan faunas of the tropical south-east Indian and south-west Pacific Oceans. In: *Proc. 5th Indo-Pac. Fish Conf., Noumea*, pp 293-306. (eds B. Seret & J.-Y. Sire). *Soc. Fr. Ichtyol., Paris.*
- LATROUITE, D., P. LORANCE & B. SÉRET.** 2000 (in press). Submersible observations of elasmobranch species in the bay of Biscay. In: *Proceedings of the 3rd European Elasmobranch Association meeting, Boulogne-sur-Mer, 28 May 1999 (Séret B. & J.Y. Sire, eds)*. *Cybiurn*, n° Spécial.
- LEE, O.K, I.S. KIM & B.J. KIM.** 2000. First record of the unicornfishes, *Naso lituratus* (Pisces: Acanthuridae) from Korea. *Korean J. Ichthyol.* 12 (2): 96-100.
- LEIS, J.M.** In Press. Family Diodontidae. *FAO Species Identification Sheets for Fishery Purposes, Western Central Atlantic.*
- LEIS, J.M.** In Press. Family Diodontidae. *FAO Species Identification Sheets for Fishery Purposes, Western Central Pacific.*
- LEIS, J.M.** In Press. Family Lactariidae. *FAO Species Identification Sheets for Fishery Purposes, Western Central Pacific.*
- LEIS, J.M. & B.M. CARSON-EWART** (editors). 2000. The larvae of Indo-Pacific coastal fishes. An Identification Guide to Marine Fish Larvae. (Fauna Malesiana Handbooks 2). E.J. Brill, Leiden. 850 pp (see announcements).
- LEIS, J.M. & B.M. CARSON-EWART.** In press. Behaviour of pelagic larvae of four coral-reef fish species in the ocean and an atoll lagoon. *Coral Reefs.*
- LEIS, J. M. & M.I. MCCORMICK.** In press. The black box has real fish inside: recent developments in the biology, behaviour and ecology of the pelagic, larval stage of coral-reef fishes. In: P.F. Sale, (ed). *Coral Reef Fishes: New insights into their ecology.* Academic Press.
- LEIS, J.M. & T. TRNSKI.** 1999. Larval development of the Indo-Pacific perciform fish, *Centrogenys vaiigiensis* (Pisces: Centrogeniidae). *Ichthyological Research* 46(4): 413-418.
- LEMAITRE, R. & B.B. COLLETTE.** 2000. Austin Beatty Williams (17 October 1919-27 October 1999). Biographical summary. *Proc. Biol. Soc. Washington* 113(1):1-12.
- LI, M.D.** 2000. The history of ecology in Chinese fishes. *Tianjin Fisheries*, 1:4-7.
- LI, S.Z.** 2000. On the position of the suborder Adrianichthyoidei. *Acta Taxonomica Sinica.*
- LI, S.Z.** 2000. Review on the new book "Fauna Sinica, Osteichthyes, Cypriniformes II. Sci. Press. 1998". *Acta Taxonomica Sinica.*
- LIMA, F.C.T. & R.M.C. CASTRO.** 2000. *Brycon vermelha*, a new species of characid fish from the Rio Mucuri, a coastal river of eastern Brazil (Ostariophysi: Characiformes). *Ichthyological Explorations of Freshwaters* 11(2): 155-162.
- LIN, S.J., D.F. HWANG, K.T. SHAO & S.S. JENG.** 2000. Toxicity of Taiwanese gobies. *Fisheries Sciences*. 66: 547-552.
- LITTMANN, M.W., B.M. BURR & P. NASS.** 2000 (in press). *Sorubim cuspidatus*, a new long-whiskered catfish from northwestern South America (Siluriformes: Pimelodidae). *Proc. Biol. Soc. Wash.*
- LONG, D.J. & J.E. McCOSKER.** 1999. A new species of deepwater skate, *Rajella eisenhardti*, (Chondrichthyes: Rajidae), from the Galapagos Islands. *Proc. Biol. Soc. Wash.* 112(1): 45-51.
- LOOSER, R., O. FROESCHEIS, G.M. CAILLIET, W.M. JARMAN & K. BALLSCHMITER.** 2000. The deep-sea as a final global sink of semivolatile persistent organic pollutants? Part II: organochlorine pesticides in surface and deep-sea dwelling fish of the North and South Atlantic and the Monterey Bay Canyon (California). *Chemosphere* 40 (2000):661-670.

- LOURIE, S.A., J.C. PRITCHARD, S.P. CASEY, T.S. KY & A.C.J. VINCENT.** 1999. The taxonomy of Vietnam's exploited seahorses (family Syngnathidae). *Biological Journal of the Linnean Society*. 66: 231-256.
- LOURIE, S.A., A.C.J. VINCENT & H.J. HALL.** 1999. Seahorses: an identification guide to the world's species and their conservation. 224pp. ISBN 0 9534693 0 1. Project Seahorse. Available through NATURAL HISTORY BOOK SERVICE LTD, 2-3 Wills Road, Totnes, Devon, TQ9 5XN. Tel: +44 (1803) 865 913. Fax: +44 (1803) 865 280. Email: nhbs@nhbs.co.uk. Internet: http://www.nhbs.co.uk
- LOVEJOY, N.R.** 2000. Reinterpreting recapitulation: Systematics of needlefishes and their allies (Teleostei: Belontiiformes). *Evolution* 54(4): 1349-1362.
- LOVEJOY, N.R. & M.L.G. DE ARAÚJO.** 2000. Molecular systematics, biogeography, and population structure of neotropical freshwater needlefishes of the genus *Potamorhaphis*. *Molecular Ecology* 9: 259-268.
- LOVEJOY, N.R. & B.B. COLLETTE.** In press. Phylogenetic relationships of New World needlefishes (Teleostei: Belontiidae) and the biogeography of transitions between marine and freshwater habitats. *Copeia*.
- LUCINDA, P. H. F. & J. C. GARAVELLO.** In press. Two new species of *Cnesterodon* Garman, 1895 (Cyprinodontiformes, Poeciliidae) from the upper rio Paraná drainage. *Com. Mus. Ciênc. Tecnol. PUCRS, sér. Zool., Porto Alegre*.
- LUNDBERG, J.G., M. KOTTELAT, G.R. SMITH, M.L.J. STIASSNY & A.C. GILL.** 2000. So many fishes, so little time: an overview of recent ichthyological discovery in continental waters. *Ann. Mo. Bot. Gdn* 87(1): 26-62.
- LYCZKOWSKI-SHULTZ, J., W. J. RICHARDS & M. KONIECZNA.** In Press. Occurrence and distribution of the larvae of beryciform fishes in the Gulf of Mexico.
- MACHADO-ALLISON, A., B. CHERNOFF, R. ROYERO, F. MAGO, J. VELÁSQUEZ, C. LASSO H. LÓPEZ-ROJAS, A. BONILLA, F. PROVENZANO & C. SILVERA.** 2000. Ictiofauna de la Cuenca del Río Cuyuní en Venezuela. *Interciencia*, 25 (1): 13-21.
- MACHADO-ALLISON, A., B. CHERNOFF, C. SILVERA, A. BONILLA, H. LÓPEZ-ROJAS, C. LASSO, F. PROVENZANO, C. MARCANO & D. MACHADO-ARANDA.** 1999. Inventario de la peces de la cuenca del río Caura, Estado Bolívar. Venezuela. *Acta Biol. Venez.*, 19 (4): 61-72.
- MALABARBA, L. R & R.P. VARI.** In press. _____, a new genus and species of characid from the rio Tocantins basin, Brazil (Characiformes: Characidae). *Ichthyological Explorations of Freshwaters* 11(3)
- MASUDA, H. & J.E. RANDALL.** In press. *Rabaulichthys suzukii*, a new anthiine fish from Japan. *Ichth. Res.*
- MATSUURA, K.** 1999. First record of the rare filefish, *Thamnaconus tjiensis* (Tetraodontiformes: Monacanthidae) from Japan. *Ichthyol. Res.*, 46: 216-218.
- MATSUURA, K.** 2000. Triacanthodidae, Triacanthidae, Balistidae, Ostraciidae, Triodontidae, and Tetraodontidae. Pages 647-648 in J. E. RANDALL & K. K. P. LIM (eds.). A checklist of the fishes of the South China Sea. *Raffles Bull. Zool., Suppl.* No. 8, pp. 569-667.
- MATSUURA, K. (ed.).** 2000. Proceedings of the First and Second Symposia on Collection Building and Natural History Studies in Asia. *Natn. Sci. Mus. Monogr.*, (18), 188 pp.
- MATSUURA, K., A. DOI & G. SHINOHARA.** 2000. Distribution of Freshwater Fishes in Japan: Supplement to Catalog of the Freshwater Fish Collection in the National Science Museum, Tokyo. National Science Museum, Tokyo. 256 pp.
- MATSUURA, K., O. KURNAEN SUMADHIHARGA & K. TSUKAMOTO (eds.).** 2000. Field Guide to Lombok Island: Identification Guide to Marine Organisms in Seagrass Beds of Lombok Island, Indonesia. Ocean Research Institute, University of Tokyo, Tokyo. Viii+449 pp., 1 pl.
- McCOSKER, J.E.** 1999. The history of Steinhart Aquarium: A very fishy tale. The Donning Company, Virginia. 158 pp.
- McCOSKER, J.E.** 2000. What's in an animal's name? *Whole Earth*. Fall, 2000: 42.
- McCOSKER, J.E.** 2000. Obituary, Peter H. J. Castle. *Copeia* 2000(3): 912-913.
- McCOSKER, J.E.** 2000. (Review of) Life in the slow lane: ecology and conservation of long-lived marine animals. Musick J. E., editor. 1999. American Fisheries Society Symposium 23, Bethesda, Maryland. *Conservation Biology* 14(1): 331.
- McCOSKER, J.E. & Y.-Y. CHEN.** 2000. A new species of deepwater snake-eel, genus *Ophichthus*, with comments on *Neenchelys retropinna* (Anguilliformes: Ophichthidae) from Taiwan. *Ichthyol. Research*, 47(4): 353-357.
- McCOY, M.A., H. ISHIHARA, R.P. CLARKE & A. EVERSON.** In press. The socio-economic importance of sharks in the U.S. flag areas of the western central Pacific. *Proc. Internat. Pelagic Shark Workshop*.
- McDOWALL, R.M.** 1999. Further feral poeciliid in New Zealand freshwater with a key to species. *N.Z. J. Mar. Freshw. Res.* 33: 673-682 (is *Phalloceras caudimaculatus*).
- McDOWALL, R.M.** 1999. The caudal skeleton in *Galaxias* and allied genera. *Copeia* 1999: 932-939.
- McDOWALL, R.M.** 2000. Biogeography of the New Zealand torrentfish, *Cheimarrichthys fosteri* (Teleostei: Pinguipedidae): a distribution driven mostly by behaviour and ecology. *Environ. Biol. Fish.* 58: 119-131.
- McDOWALL, R.M. & M.J. TAYLOR.** 1999. Environmental indicators in a migratory freshwater fish fauna. *Environ. Man.* 25: 357-374.
- MEDINA GONZALEZ, R.M., G.S. PROUDLOVE, L. CHUMBA SEGURA & T.M. ILIFFE.** In press. Threatened fishes of the world: *Ophisternon infernale* (Hubbs, 1938) (Synbranchidae). *Env. Biol. Fishes* 62.
- MENEZES, N.A. & J.L. FIGUEIREDO.** 1998. Revisão das espécies da família Batrachoididae do litoral brasileiro com a descrição de uma espécie nova (Osteichthyes: Teleostei: Batrachoidiformes). *Pap. Avul. Zool. S. Paulo* 40(22): 337-357.
- MENEZES, N.A. & C.A.S. de LUCENA.** 1998. Revision of the subfamily Roestinae (Ostariophysi: Characiformes: Cynodontidae). *Ichthyol. Explor. Freshwaters* 9(3): 279-291.
- MENEZES, N.A. & M.C.C. de PINNA.** 2000. A new species of *Pristigaster*, with comments on the genus and redescription of *P. cayana* (Teleostei: Clupeomorpha: Pristigasteridae). *Proc. Biol. Soc. Washington* 113: 238-248.
- MENNI, R.C. & M. STEHMANN.** 2000. Distribution, environment and biology of batoid fishes off Argentina, Uruguay and Brazil. A review. *Revta. Mus. Argentino Cienc. Nat. (n.s.)*, 2(1):69-109, Buenos Aires.
- MERRETT, N.R. & T. IWAMOTO.** In press. Macrourid fishes of the New Caledonia region, southwest Pacific Ocean: taxonomy and distribution, with ecological notes. In: A. Crosnier (ed.), *Résultats des Campagnes MUSORSTOM. Mém. Mus. Natn. Hist. Nat.* vol. 21, tome 184.
- MILLER, R.G.** 1999. Rivers of the Arctic Ocean, their thermal flux at tidewater, affecting the habitats, ecology, and the distribution of fishes. Birmingham UK, *Hydrol. Symp. Ice Covered Rivers*. A poster. Abstract.
- MILLER, R.G.** 2000 (in press). Zoogeography and possible origins of the Antarctic Ocean endemic pelagic nototheniid fish genus *Aethotaxis*, with a description of the subspecies *Aethotaxis mitopteryx pawsoni*, Pisces: Nototheniidae. In: L. Saldanha Memorial Vol. Biscoito, M.J. & P. re (eds.).
- MILLER, R.G.** In Preparation: A review of the genus *Aethotaxis* (Nototheniidae, Pisces), its phylogenetic status, physiology and dispersal.
- MIRZA, M.R. & M.N. BHATTI.** 1999. Biodiversity of the freshwater fishes of Pakistan and Azad Kashmir. *Proc. Seminar Aquatic Biod. Pakistan*. 177-184.
- MIRZA, M.R. & S.K. ALAM.** 2000. Ichthyoregions of Indus River. *Sci. Int. (Lahore)*, 12(2):143-149.
- MIRZA, M.R., A. KAKAR & J.K. KAKAR.** In press. Fishes of the river Kolachi, Balochistan. *Biologia (Pakistan)*. 15.
- MIYASHITA, T. & K. FUJITA.** 2000. Two series of parapophyses in neoscopelid fishes (Teleostei: Myctophiformes). *Ichthyological Research*, 47 (2): 143-148.
- MOLLER, P.R. & M.E. ANDERSON.** 2000. Assignment of *Lycodes microcephalus* Jensen, 1902 to *Pachycara* Zugmayer, 1911 (Teleostei: Zoarcidae). *Cybiurn* 24(1):61-65.
- MOOI, R.D. & A.C. GILL.** In press. The biogeography of fishes. In: P.J.B. Hart & J.D. Reynolds (eds). *Fish and Fisheries Handbook: The Biology, Conservation and Management of Exploited Species*. Volume 1. *Functional Fishes: The Biology Behind Fish Exploitation*. Blackwell Science.
- MOOI, R.D. & A.C. GILL.** In press. *Grammatidae*. In: K.E. Carpenter (ed.). *FAO Species Identification Guide for Fisheries Purposes. The Living Marine Resources of the Western Central Atlantic*.
- MOORE, J.A. & J.R. PAXTON.** 1999. Melamphidae, Trachichthyidae. In V. Niemi & K. Carpenter (Eds.), *The Living Marine Resources of the Western Central Pacific*. Rome: FAO. Vol. 4:2201-2202; 2215-2217.
- MORATO, T., P. AFONSO, P. LOURINHO, J.P. BARREIROS, R.S. SANTOS & R.D.M. NASH** Accepted. Length-weight relationships for

- 21 coastal fish species of the Azores, northeastern Atlantic. Fisheries Research Journal.
- MOREIRA DA COSTA L., P. RAB, P. SKELTON, R. BILLS, P. BIANCO, P.S. ECONOMIDIS, J.C.L. MICHA, H. PERSAT & M.J. COLLARES-PEREIRA.** 2000. Genome size variation in the most speciose fish family Cyprinidae: an overview Poster we will present at the Congress EVOLUTION 2000 that will be held next June at Indianapolis (USA), with the results of our Cyprinidae DNA content study.
- MUNDAY, P.L., A.S. HAROLD & R. WINTERBOTTOM.** 1999. Guide to the coral-dwelling gobies, genus *Gobiodon* (Gobiidae) from Papua New Guinea and the Great Barrier Reef. Rev. Fr. Aquariol., 26:53-58.
- MUNROE, T.A.** In press. Family Cynoglossidae. FAO Identification Guide to Living Marine Resources of the West Central Pacific.
- MUNROE, T.A.** In press. Family Cynoglossidae. In: Checklist of fishes in the South China Sea (J.E. Randall and K. Lim, eds.). Raffles Bulletin of Zoology.
- MUNROE, T.A.** In press. Family Soleidae. FAO Identification Guide to Living Marine Resources of the West Central Pacific.
- MUNROE, T.A.** In press. Family Soleidae. In: Checklist of fishes in the South China Sea (J.E. Randall & K.Lim, eds.). Raffles Bull. Zool.
- MUNROE, T.A., R.E. ALLEN, D.M. BALTZ & S. ROSS.** 2000. *Symphurus civitatum* (Pleuronectiformes: Cynoglossidae), a second estuarine-occurring tonguefish off the Southeastern United States and Northern Gulf of Mexico. *Estuaries* 23:439-448.
- MUNROE, T.A., A. BRITO & C. HERNANDEZ.** 2000. *Symphurus insularis*, a new shallow-water, dwarf species of tonguefish (Pleuronectiformes: Cynoglossidae) from the eastern Atlantic. *Copeia* 2000(2):491-500.
- MUNROE, T.A. & J.E. MCCOSKER.** In press. Redescription of *Symphurus diabolicus* Mahadeva and Munroe, a poorly-known, deep-sea tonguefish (Cynoglossidae: Pleuronectiformes) from the Galápagos Archipelago. *Revista Biología Tropica*.
- MUNROE, T.A. & M.S. NIZINSKI.** In press. Order Clupeiformes. Families Chirocentridae, Clupeidae, Engraulidae and Pristigasteridae. In: Checklist of fishes in the South China Sea (J.E. Randall and K. Lim, eds.). Raffles Bull. Zool.
- MUNROE, T.A., M.S. NIZINSKI & T. WONGRATANA.** 2000. Family Chirocentridae. p. 1771-1774. In (K.E. Carpenter and V.H. Niem, eds.) FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Volume 3. Batoid fishes, chimaeras and bony fishes part 1 (Elopidae to Linophrynidae).
- MUNROE, T.A., M.S. NIZINSKI & T. WONGRATANA.** 2000. Family Pristigasteridae. p. 1754-1770. In (K.E. Carpenter and V.H. Niem, eds.) FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Volume 3. Batoid fishes, chimaeras and bony fishes part 1 (Elopidae to Linophrynidae).
- MUNROE, T.A., T. WONGRATANA & M.S. NIZINSKI.** 2000. Family Clupeidae. p. 1775-1821. In (K.E. Carpenter and V.H. Niem, eds.) FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Volume 3. Batoid fishes, chimaeras and bony fishes part 1 (Elopidae to Linophrynidae).
- MURDY, E.O. & K. SHIBUKAWA.** In press. A Revision of the Gobiid Fish Genus *Odontamblyopus* (Gobiidae: Amblyopinae). 31 ms pages. Ichthyological Research.
- MUSICK, J.A., S.A. BERKELEY, G.M. CAILLIET, M. CAMHI, G. HUNTSMAN, M. NAMMACK & M.L. WARREN, Jr.** 2000. Protection of marine fish stocks at risk of extinction. *Fisheries* 25(3):6-8.
- MUSICK, J.A., G. BURGESS, G. CAILLIET, M. CAMHI, AND S. FORDHAM.** 2000. Management of sharks and their relatives (Elasmobranchii). *Fisheries* 25(3):9-13.
- MUSS, A., D. R. ROBERTSON, C.A. STEPIEN, P. WIRTZ & B.W. BOWEN.** 2000 (in press). The evolutionary genetics and phylogeography of *Ophioblennius* (Blenniidae): A tale of two oceans. *Evolution*.
- MYRBERG, A.A., JR. & L.A. FUIMAN.** In press. The sensory world of coral reef fishes. In: Peter F. Sale, editor. *Coral reef fishes: New insights into their ecology*. Academic Press, San Diego.
- NAHKE, P. & P. WIRTZ.** 2000. *Underwater Guide Maldives Fishes*. Unterwasserführer Malediven Fische. Fourth edition. S. Naglschmid Verlag, Stuttgart, 168 pp (English/German).
- NAKAYA, K. & B. SÉRET.** 1999. A new species of deep-water catshark, *Apristurus albisoma* n. sp. from New Caledonia (Chondrichthyes: Carcharhiniformes: Scyliorhinidae). *Cybiurn*, 23(3): 297-310.
- NAKAYA, K. & B. SÉRET.** 2000 (in press). Re-description and taxonomy of *Pentanchus profundicolus* (Smith and Radcliffe, 1912) based on the second specimen from the Philippines (Chondrichthyes, Scyliorhinidae). *Ichthyological Research*, 47(4).
- NELSON, J.S.** 1999. Editorial and introduction: the species concept in fish biology. In J.S. Nelson and P.J.B. Hart (eds.). *The species concept in fish biology*. Rev. Fish Biol. Fisheries 9(4): 277-280.
- NELSON, J.S.** 1999. Psychrolutidae, fathead sculpins. In K.E. Carpenter and V.H. Niem (eds.). FAO species identification guide for fishery purposes, the living marine resources of the western central Pacific. Vol. 4, part 2:2427-2428. FAO, Rome.
- NELSON, J.S.** 2000 (in Press). Families Percophidae, Trichonotidae, and Creediidae. In K.E. Carpenter and V.H. Niem (eds.). FAO species identification guide for fishery purposes, the living marine resources of the western central Pacific.
- NELSON, J.S. & K.E. CARPENTER.** 1999. Cottidae, sculpins. In K.E. Carpenter and V.H. Niem (eds.). FAO species identification guide for fishery purposes, the living marine resources of the western central Pacific. Vol. 4, part 2:2425-2426. FAO, Rome.
- NELSON, J.S. & P.J.B. HART (Eds.).** 1999. The species concept in fish biology. Rev. Fish Biol. Fisheries 9(4): 277-382.
- NG, H.H.** 1999. The *Akysis* of Myanmar: a review (Teleostei: Akysidae). *Raffles Bull. Zool.* 47: 541-548.
- NG, H.H.** 1999. *Laides longibarbis* (Fowler, 1934), a valid species of schilbeid catfish from Indochina (Teleostei: Siluriformes). *Ichthyol. Explor. Freshwaters* 10: 381-385.
- NG, H.H.** 1999. *Pterocryptis inusitata*, a new species of silurid catfish from Laos (Teleostei: Siluriformes). *Ichthyol. Explor. Freshwaters* 10: 371-374.
- NG, H.H.** 2000. *Bagrichthys vaillantii* (Popta, 1906), a valid species of bagrid catfish from eastern Borneo (Teleostei: Siluriformes). *Zool. Med.* 73: 327-332.
- NG, H.H.** 2001. *Amblyceps m___s*, a new species of amblycipitid catfish (Osteichthyes: Amblycipitidae) from Pakistan. *Ichthyol. Explor. Freshwaters* (in press).
- NG, H.H.** 2001. *Clarias m___s*, A new species of clariid catfish from eastern Borneo (Teleostei: Siluriformes). *Zool. Stud.* 41 (in press).
- NG H.H. & C.J. FERRARIS, JR.** 2000 (Dec). A review of the genus *Hemibagrus* of southern Asia, with descriptions of two new species. *Proc. Calif. Acad. Sci.* 52(11):125-142.
- NG H.H. & M. KOTTELAT.** 1999. *Oreoglanis hypsiurus*, a new species of glyptosternine catfish (Teleostei: Sisoridae) from Laos. *Ichthyol. Explor. Freshwaters* 10 (4): 375-380.
- NG H.H. & M. KOTTELAT.** 2000. Description of three new species of catfishes (Teleostei: Akysidae and Sisoridae) from Laos and Vietnam. *J. South Asian Nat. Hist.* 5 (1): 7-15.
- NG H.H. & M. KOTTELAT.** 2000. *Helicophagus leptorhynchus*, a new species of molluscivorous catfish from Indochina (Teleostei: Pangasiidae). *Raffles Bull. Zool.* 48 (1): 55-58.
- NG H.H. & M. KOTTELAT.** In press. *Cranoglanis henrici* (Vaillant, 1893), a valid species of cranoglanidid catfish from Indochina (Teleostei: Cranoglanidae). *Zoosystema*.
- NG H.H. & M. KOTTELAT.** In press. A review of *Amblyceps* (Siluriformes: Amblycipitidae) in Indochina, with descriptions of five new species. *Ichthyol. Explor. Freshwaters*.
- NG H.H. & M. KOTTELAT.** In press. A review of the genus *Batasio* (Teleostei: Bagridae) in Indochina, with the description of a new species from Thailand. *Rev. Suisse Zool.*
- NG, H.H., K.M. MARTIN-SMITH & P.K.L. NG.** 1999. *Hemibagrus furcatus*, a new species of bagrid catfish (Teleostei: Siluriformes) from Sabah, East Malaysia. *Raffles Bull. Zool.* 48: 65-69.
- NG, H.H. & P.K.L. NG.** 2001 (in press). A revision of the akysid catfish genus *Acrochordonichthys* Bleeker. *J. Fish Biol.* 58.
- NG, H.H. & W.J. RAINBOTH.** 1999. The bagrid catfish genus *Hemibagrus* (Teleostei: Siluriformes) in central Indochina with a new species from the Mekong River. *Raffles Bull. Zool.* 47: 553-574.
- NG H.H. & H.H. TAN.** 1999. The fishes of the Endau Drainage, Peninsular Malaysia with descriptions of two new species of catfishes (Teleostei: Akysidae, Bagridae). *Zool. Studies*, 38 (3): 350-366
- NG H.H. & H.H. TAN.** 2000. A new species of *Encheloclarias* (Teleostei: Clariidae) from central Sumatra. *J. Fish Biol.*, 57: 536-539.
- NIASS, F. & T. OZAWA.** 2000. Morphological differences between North Pacific and Atlantic specimens of *Lampadena anomala* (Family Myctophidae). *Ichthyol. Res.*, 47: 299-302.

- NIELSEN, J.G.** 2000. Ophidiiformes: in FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific, v. 3: 1978-1985.
- NIELSEN, J.G., D.M. COHEN, D.F. MARKLE & C.R. ROBINS.** 1999. FAO species catalogue, v. 18. Ophidiiform fishes of the world (order Ophidiiformes). 178 pp.
- NIELSEN, J.G. & N.R. MERRETT.** 2000. Revision of the cosmopolitan deep-sea genus *Bassozetus* (Pisces: Ophidiidae) with two new species. Galathea Report, vol. 18: 8-56.
- NIELSEN, J.G. & W. SCHWARZHANS.** 2000. *Lamprogrammus shcherbachevi* (Ophidiidae) from the North Atlantic. *Cybium*, 24: 205-206.
- NOLF, D. & A. GIRONE.** 2000. *Coelorinchus stellaris* n. sp. (poisson macrouridé) de l'Oligocène terminal d'Aquitaine et son intérêt paléobiogéographique. *Bull. Inst. Roy. Sci. Nat. Belgique, Sci. de la Terre*, 70:179-184.
- NOLF, D. & A. GIRONE.** 2000. Otolithes de poissons du Pleistocène inférieur (Santerrien) de Morrona (sud est de Pisa). *Rev. Piem. Stor. Nat.* 20:3-18.
- NORTHCUTT, R.G., P.H. HOLMES & J.S. ALBERT.** 2000. Distribution and innervation of lateral line organs of the channel catfish. *J. Comp Neurol*, 421:570-592.
- ORR, J.W., M.A. BROWN & D.C. BAKER.** 2000. Guide to rockfishes (Scorpaenidae) of the genera *Sebastes*, *Sebastobius*, and *Adelosebastes* of the northeast Pacific Ocean, 2d edition. NOAA Tech. Mem. NMFS-AFSC-658. 48 pp.
- ORR, J.W. & A.C. MATARESE.** 2000. Revision of the genus *Lepidopsetta* Gill, 1862 (Teleostei: Pleuronectidae) based on larval and adult morphology, with a description of a new species from the North Pacific Ocean and Bering Sea. *Fish. Bull.* 98(3):539-582.
- OTT, G.H.F.** 2000. Bärblinge der Gattung *Danio* und verwandte Arten. *Das Aquarium* 34:4-5
- OTT, G.H.F.** 2000. Mitteilung der VDA-Fischbestimmungsstelle über *Liposarcus pardalis*. VDA-aktuell 6(1):25-26.
- OTT, G.H.F.** 2000. Mitteilung der VDA-Fischbestimmungsstelle über *Nomorhamphus liemi liemi* und *N. liemi snijdersi*. VDA-aktuell 6(1):24-25.
- OTT, G.H.F.** 2000. Mitteilung der VDA-Fischbestimmungsstelle über *Yunnanilus brevis*. VDA-aktuell 6(1):26-27.
- OTT, G.H.F.** 2000. Neue Regeln für die zoologische Nomenklatur verhindern u.a. "Erstbeschreibung aus Versehen". VDA-aktuell 5(3):72-74
- OTT, G.H.F.** 2000. Neu für die Fischfauna der Insel Sri Lanka: Eine Glasgrundel - *Gobiopertus* sp. VDA-aktuell 5(3):27
- OTT, G.H.F.** 2000. *Redigobius chrysosoma* (Bleeker, 1875) - Mitteilung der Fischbestimmungsstelle. VDA-aktuell 6(2):13.
- OTT, G.H.F.** 2000. Unbekannte Schmerle der Familie Balitoridae - Mitteilung der Fischbestimmungsstelle. VDA-aktuell 6(2):15.
- OTT, G.H.F.** 2000. *Danio pathirana* - Ichthyologie und Biologie, Pflege und Zucht. *Aquaristik Fachmagazin* 32(2):12-16.
- OTT, G.H.F.** 2000. Buchbesprechung von Jayaram "The Freshwater Fishes of the Indian Region". *Aquaristik Fachmagazin* 32(2):73.
- OZOUF-COSTAZ C., E. PISANO, C. BONILLO & J.C. HUREAU.** 1999. Large-scale chromosome studies of an unusual fauna within a confined area: Antarctic Fish suborder Notothenioidae. Second European Cytogenetic Conference, July 3-6, 1999, Vienna, Austria. *Cytogenetics and Cell Genetics*, 85(1-2):95.
- OZOUF-COSTAZ C., E. PISANO, C. THAERON & J.C. HUREAU.** 1999. Karyological survey of the notothenioid fish occurring in Adélie Land (Antarctica), pp.427-440 *In*: Séret B. & J.-Y. Sire (eds), *Proc. 5th Indo-Pacif. Fish Conf.*, Nouméa, 1997, Paris: Soc. Fr. Ichtyol.
- OZOUF-COSTAZ C., E. PISANO, L. LEVY, C. BONILLO & J.C. HUREAU.** 2000. Chromosomal characterisation of the *Trematomus hansonii* population of Terre Adélie. *In*: *Biology of Polar Fish. Annual International Symposium. The Fisheries Soc. of the British Isles, Cambridge, juillet 2000. Poster.*
- PAEPKE, H.-J.** 1999. Bloch's Fish Collection in the Museum für Naturkunde der Humboldt-Universität zu Berlin - an illustrated Catalog and historical Account. *Theses Zoologicae* vol. 32, 216 pp., 32 plates. A.R.G. Gantner Verlag K.G. Ruggel / Lichtenstein.
- PAEPKE, H.-J.** 1999. Zur Erinnerung an M. E. Bloch und an sein ichthyologisches Lebenswerk. *Die Aquarien- und Terrarien Zeitschrift (DATZ)* 52(8):44-49.
- PAEPKE, H.-J.** 1999. Bloch-Jubiläum, Erinnerungen an einen großen Ichthyologen. *Aquaristik Fachmagazin* no. 150, 31(6):68-70.
- PAEPKE, H.-J. & F. KOCH** 1998. *Leuciscus dzungaricus* n. sp. *In*: *Koch, F. & H.-J. Paepke. Zur Kenntnis der Gattung Leuciscus Cuvier in der Mongolei mit Beschreibung einer neuen Art (Pisces, Cyprinidae).* *Mitt. Mus. Naturkd.. Berlin, Zool. Reihe* 74(2):157-171.
- PAPST, M.A., J.D. REIST & B.W. COAD.** 1999. Considering marine fishery resources of the Beaufort Sea. Paper presented at the Beaufort Sea Conference 2000, Inuvik, N.W.T., 15-18 Sept. 1999. 1p. (abstract).
- PAREDES-RIOS, G.A. & E.F. BALART.** 1999. Corroboration of the bivalve, *Pinna rugosa*, as a host of the Pacific pearlfish, *Encheliophis dubius* (Ophidiiformes: Carapidae), in the Gulf of California, México. *Copeia* 1999(2): 521-522.
- PARENTI, L.R.** 2000. Order Atheriniformes. Phallostethidae. pp. 2146-2148, *in* The Living Marine Resources of the Western Central Pacific. FAO Western Central Pacific Identification Sheets for Fishery purposes. Vol. 4, Bony fishes part 2 (Mugilidae to Carangidae). Food and Agricultural Organization, Rome.
- PARENTI, L.R.** 2000. Order Belontiiformes. Adrianichthyidae. pp. 2149-2150, *in* The Living Marine Resources of the Western Central Pacific. FAO Western Central Pacific Identification Sheets for Fishery purposes. Vol. 4, Bony fishes part 2 (Mugilidae to Carangidae). Food and Agricultural Organization, Rome.
- PARENTI, L.R.** 2000. Order Cyprinodontiformes. Aplocheilidae. pp. 2197-2198, *in* The Living Marine Resources of the Western Central Pacific. FAO Western Central Pacific Identification Sheets for Fishery purposes. Vol. 4, Bony fishes part 2 (Mugilidae to Carangidae). Food and Agricultural Organization, Rome.
- PARENTI, L.R.** 2000. Order Cyprinodontiformes. Poeciliidae. pp. 2199-2200, *in* The Living Marine Resources of the Western Central Pacific. FAO Western Central Pacific Identification Sheets for Fishery purposes. Vol. 4, Bony fishes part 2 (Mugilidae to Carangidae). Food and Agricultural Organization, Rome.
- PARENTI, L.R.** 2000. [Review of] Phylogeny and classification of Neotropical Fishes. L. R. Malabarba, R. E. Reis, R. P. Vari, Z. M. S. Lucena, and C. A. S. Lucena (eds.). EDIPUCRS (Editora Pontificia Universidade Católica do Rio Grande do Sul), Porto Alegre, Brazil. x+603 pp. *J. Fish Biol.* 56:455-456.
- PARENTI, L.R. & A.L. DOWNING MEISNER.** *In press.* Fishes of the Belait River, Brunei Darussalam, Borneo. *Brunei Mus. J.* 10:3-39.
- PARENTI, P. & J.E. RANDALL.** 2000. A checklist of the fish families Labridae and Scaridae of the world. *Ichth. Bull.*, no. 68: 1-97.
- PARMENTIER, E., J.L. CASTRO-AGUIRRE & P. VANDEWALLE.** 2000. Morphological comparison of the buccal apparatus in two bivalve commensal Teleostei, *Encheliophis dubius* and *Onuxodon fowleri* (Ophidiiformes, Carapidae). *Zoomorphology*, 120: 29-37.
- PATZNER, R.A., S. FISCHER & R. RIEHL** *In press.* The eggs of native fishes. 13. River bullhead *Cottus gobio* Linnaeus, 1758 (Cottidae). *Fischökologie* 12: [in German].
- PAVANELLI, C. S. & H. A. BRITSKI.** 1999. Description of a new species of *Steindachnerina* Fowler (Teleostei: Characiformes: Curimatidae) from the upper Rio Paraná basin, Brazil. *Ichthyol. Explor. Freshwaters*, 10(3):211-216.
- PAXTON, J.R.** 1999. Polymixiidae, Gibberichthyidae, Rondeletiidae, Barbouriidae, Cetomimidae, Mirapinnidae, Megalomycetidae, Anoplogastridae, Diretmidae, Monocentridae, Berycidae. *In* V. Niem & K. Carpenter (Eds.), *The Living Marine Resources of the Western Central Pacific*. Rome: FAO. Vol. 3:1976-1977; Vol. 4:2203-2211, 2214, 2218-2224.
- PAXTON, J.R.** 2000. Fish otoliths: do sizes correlate with taxonomic group, habitat, and/or luminescence? *In* S.P. Collin & N.J. Marshall (Eds.), *Sensory processing of the aquatic environment*. *Phil. Trans. R. Soc. Lond. B* 355(1401):1299-1303.
- PAXTON, J.R.** 2000. Myxini, Giganturidae, Aulopidae, Chlorophthalmidae, Ipnopidae, Scopelarchidae, Notosudidae, Paralepididae, Evermannellidae, Omosudidae, Alepisauridae, Polymixiidae, Gibberichthyidae, Hispidoberycidae, Anoplogastridae, Diretmidae, Berycidae, Cetomimiformes, Bathyclupeidae, Chiasmodontidae. *In* K. Lim & J.E. Randall (Eds.), *A checklist of the fishes of the South China Sea*. *Raffles Bull. Zool. Suppl.* 8:577, 591-2, 594, 600-602, 623, 630.
- PAXTON, J.R. & D.M. COHEN.** 1999. Argentinidae, Bathylagidae, Microstomatidae, Opisthoproctidae. *In* V. Niem & K. Carpenter (Eds.), *The Living Marine Resources of the Western Central Pacific*. Rome: FAO. Vol. 3:1884-1886.
- PAXTON, J.R., D.M. COHEN & A. COHEN.** 2000. Argentinidae, Microstomatidae, Opisthoproctidae. *In* K. Lim & J.E. Randall (Eds.), *A checklist of the fishes of the South China Sea*. *Raffles Bull. Zool. Suppl.* 8:589-590.

- PAXTON, J.R. & P.A. HULLEY.** 1999. Neoscopelidae, Myctophidae. In V. Niem & K. Carpenter (Eds.), The Living Marine Resources of the Western Central Pacific. Rome: FAO. Vol. 3:1955-1965.
- PAXTON, J.R. & P.A. HULLEY.** 2000. Myctophiformes. In K. Lim & J.E. Randall (Eds.), A checklist of the fishes of the South China Sea. Raffles Bull. Zool. Suppl. 8:592-594.
- PAXTON, J.R. & G.D. JOHNSON.** 1999. Anomalopidae. In V. Niem & K. Carpenter (Eds.), The Living Marine Resources of the Western Central Pacific. Rome: FAO. Vol. 4:2212-2213.
- PAXTON, J.R. & G.D. JOHNSON.** 2000. Anomalopidae. In K. Lim & J.E. Randall (Eds.), A checklist of the fishes of the South China Sea. Raffles Bull. Zool. Suppl. 8:601.
- PAXTON, J.R. & J.A. MOORE.** 2000. Melamphaidae, Trachichthyidae. In K. Lim & J.E. Randall (Eds.), A checklist of the fishes of the South China Sea. Raffles Bull. Zool. Suppl. 8:600, 601.
- PAXTON, J.R. & V. NIEM.** 1999. Aulopidae, Chlorophthalmidae, Ipnopidae, Scopelarchidae, Notosudidae, Paralepididae, Anotopteridae, Evermannellidae, Omosudidae, Alepisauridae, Giganturidae. In V. Niem & K. Carpenter (Eds.), The Living Marine Resources of the Western Central Pacific. Rome: FAO. Vol. 3:1921-1927, 1948-1954.
- PEQUEÑO, G.** 2000. Delimitations and biogeographical relationships of the Southeastern Pacific fishes. *Estud. Oceanol.* 19: 41-60 (In Spanish).
- PEQUEÑO, G.** 2000. Fishes of the CIMAR-FIORDO 3 Cruise to the southern channels of Magallanes (ca. 551 S) Chile. *Cienc. y Tecnol. Mar., Valparaíso*, 23 (In Spanish).
- PEQUEÑO, G. & J. LAMILLA.** 2000 (in press). The littoral fish assemblage of the Desventuradas islands (Chile), has zoogeographical affinities with the eastern Pacific. *Glob. Ecol. & Biogeogr.* 9.
- PERDICES, A., I. DOADRIO, I.M. CÔTÉ, A. MACHORDOM, P.S. ECONOMIDIS & J.D. REYNOLDS.** 2000. Genetic divergence and origin of Mediterranean populations of the river blenny *Salaria fluviatilis* (Teleostei: Blenniidae). *Copeia*, 2000 (3): 723-731.
- PEREIRA, E.H.L.; J.C. OLIVEIRA & O.T. OYAKAWA.** In press. *Hemipsilichthys* __, a new species of loricariid catfish (Teleostei: Siluriformes) from Minas Gerais, Brazil. *Ichthyol. Explor. Freshwaters*, 11.
- PISANO E., F. MAZZEI, N. DEROME, C. OZOUF-COSTAZ, J.-C. HUREAU & G. DI PRISCO.** In press. Cytogenetics of the bathydraconid fish *Gymnodraco acuticeps* (Perciformes, Notothenioidei): an investigation within the I.C.E.FISH project (Terra Nova Bay, Ross Sea), in the framework of the EASIZ Programme. *Polar Biology*.
- PONROY, M.-C. & B. SÉRET.** 2000 (in press). Analyse des pêches de requins et de raies élamobranches) en France de 1960 à 1997. *Cybiurn*.
- POUYAUD, L., G.G. TEUGELS, R. GUSTIANO & M. LEGENDRE.** 2000. Contribution to the phylogeny of pangasiid catfish (Siluriformes, Pangasiidae) based on allozymes and mitochondrial DNA. *J. Fish Biol.*, 56: 1509-1538.
- PROUDLOVE, G.S.** In press. The conservation status of hypogean fishes. *Env. Biol. Fishes* 62.
- PROUDLOVE, G.S., R.M. MEDINA GONZALEZ, L. CHUMBA SEGURA & T.M. ILIFFE.** In press. Threatened fishes of the world: *Ogilbia pearsei* (Hubbs, 1938) (Bythitidae). *Env. Biol. Fishes* 62.
- PROUDLOVE, G.S. & A. ROMERO.** In press. Threatened fishes of the world: *Caecobarbus geertsii* Boulenger, 1921 (Cyprinidae). *Env. Biol. Fishes* 62.
- QUERO J.C, M.H. DU BUIT, N. CAILL, M.N. CASAMAJOR, N. CAZEILS, A. DEWEZ, G. MORANDEAU & J.J VAYNE,** 1999. Observations ichtyologiques effectuées en 1998, *Ann. Soc.Sci. Nat.*, 8 (7) : 817-824.
- QUERO J.C, M.H. DU BUIT, J.L. LABORDE & J.J VAYNE** 2000. Observations ichtyologiques effectuées en 1999, *Ann Soc. Sci. nat. Charente Maritime*, 8 (9) : 1039-1045.
- QUERO J.C, M.H. DU BUIT & V. RIBES.** 2000. Les juvéniles de *Neocyttus helgae* (Actinoptergii : Zeiformes : Oreosomatidae). Distribution des Oreosomatidae dans l'Atlantique européen. *Ann Soc. Sci. nat. Charente-Maritime*, 8 (9) : 1059-1067.
- QUERO J.C & V. RIBES** 1999. Populations nord Atlantiques et méditerranéenne *Bathypterois dubius*-(Aulopiformes : Ipnopidae). *Cybiurn*, 23 (2) : 200-204.
- QUERO J.C & J.J VAYNE** 2000. Impact des pêcheries sur la biodiversité ichtyologique marine: comparaisons de 2 chalutages effectués en 1910 puis en 1990. *Ozeanografika*, 3 : 293-299.
- QUERO J.C, P. LORANCE, J. TARDY & E. TARDY** 2000. Observations ichtyologiques effectuées en 1999, à bord du navire de recherche "Thalassa", *Ann. Soc. Sci. nat. Charente Maritime*, 8(9) : 1047-1058.
- RAB, P., M. RABOVA & P.S. ECONOMIDIS & C. TRIANTAPHYLLIDIS.** 2000. Banded karyotype of the Greek endemic cyprinid fish *Pachyichlon macedonicum*. *Ichthyological Research*, 47(1): 107-110.
- RANDALL, J.E.** 1999. *Halichoeres orientalis*, a new labrid fish from southern Taiwan and Japan. *Zool. Stud.* 38(3): 295-300.
- RANDALL, J.E.** 1999. Report on fish collections from the Pitcairn Islands. *Atoll Res. Bull.*, no. 461:1-36.
- RANDALL, J.E.** 2000. Revision of the Indo-Pacific labrid fishes of the genus *Stethojulis*, with descriptions of two new species. *Indo-Pacific Fishes*, no. 31: 1-42.
- RANDALL, J.E.** In press. Four new cardinalfishes (Perciformes: Apogonidae) from the Marquesas Islands. *Pacif. Sci.*
- RANDALL, J.E.** In press. Four new damselfishes (Perciformes: Pomacentridae) from the Marquesas Islands. *Copeia*.
- RANDALL, J.E. & B.A. CARLSON.** 1999. *Caranx caballus*, a new immigrant carangid fish to the Hawaiian Islands from the tropical eastern Pacific. *Pac. Sci.* 53(4): 357-360.
- RANDALL, J.E. & B.A. CARLSON.** 2000. The pygmy angelfish *Centropyge woodheadi* Kuitert, 1998, a synonym of *C. heraldi* Schultz and Woods, 1953. *Aqua*4(1): 1-4.
- RANDALL, J.E. & A.S. CORNISH.** 2000. *Xyrichtys trivittatus*, a new species of razorfish (Perciformes: Labridae) from Hong Kong and Taiwan. *Zool. Stud.* 39(1): 18-22.
- RANDALL, J.E. & J.L. EARLE.** 1999. *Acanthurus reversus*, a new species of surgeonfish (Perciformes: Acanthuridae) from the Marquesas Islands. *Proc. Calif. Acad. Sci.* 51(14): 473-481.
- RANDALL, J.E. & J.L. EARLE.** 1999. *Abudefduf conformis* and *Plectroglypidodon sagmarius*, two new damselfishes (Pomacentridae) from the Marquesas Islands. *Cybiurn* 23(4):333-343.
- RANDALL, J.E. & T.H. FRASER.** 1999. Clarification of the western Pacific cardinalfish species *Apogon trimaculatus* and *A. rhodopterus*, with description of a similar new species. *Raffles Bull. Zool.* 47(2): 617-633.
- RANDALL, J.E. & D.W. GREENFIELD.** In press. A preliminary review of the Indo-Pacific gobiid fishes of the genus *Gnatholepis*. *Ichth. Bull.*
- RANDALL, J.E. & R. HOLCOM.** In press. *Antennatus linearis*, a new Indo-Pacific species of frogfish (Lophiiformes: Antennariidae) *Pac. Sci.*
- RANDALL, J.E. & J.W. JOHNSON.** 2000. *Perca lineata* and *P. vittata* established as valid species of *Plectorhinchus* (Perciformes: Haemulidae). *Mem. Qld. Mus.*45(2): 477-482.
- RANDALL, J.E. & K.K.P. LIM** (editors). 2000. A checklist of the fishes of the South China Sea. *Raffles Bull. Zool. suppl.* no. 8: 569-667.
- RANDALL J.E. & R.F. MYERS.** 2000. *Scarus fuscocaudalis*, a new species of parrotfish (Perciformes: Labroidae: Scaridae) from the western Pacific. *Micronesica* 32(2): 221-228.
- RANDALL, J.E. & P. PARENTI.** 1999. Rejection of nine old labrid fish names to conserve established names. *Rev. Franç. Aquariol.* 26(1-2): 29-32.
- RANDALL, J.E. & R.L. PYLE.** In press. Four new serranid fishes of the anthiine genus *Pseudanthias* from the South Pacific. *Raffles Bull. Zool.*
- RANDALL, J.E. & R.L. PYLE.** In press. Three new species of fishes of the labrid genus *Cirrhilabrus* from the tropical Pacific. *Aqua*.
- RANDALL, J.E. & H.A. RANDALL.** In press. *Dascyllus auripinnis*, a new pomacentrid fish from atolls of the Central Pacific Ocean. *Zool. Stud.*
- RANDALL, J.E. & H.A. RANDALL.** In press. Review of the fishes of the genus *Kuhlia* (Perciformes: Kuhlidae) of the Central Pacific. *Pacif. Sci.*
- RANDALL, J.E. & U. SATAPOOMIN.** In press. *Cephalopholis polyspila*, a new species of grouper (Perciformes: Serranidae: Epinephelinae) from southwestern Thailand and Sumatra. *Bull. Phuket Mar. Biol. Cent.*
- RANDALL, J.E. & H. SENOU.** In press. Review of the Indo-Pacific gobiid fish genus *Lubricogobius*, with description of a new species and a new genus for *L. pumilus*. *Ichth. Res.*
- RAPP PY-DANIEL, L.** 2000. Tracking Evolutionary trends in Siluriformes (Teleostei, Ostariophysi). Published on the Annals of the International Congress on the Biology of Fish, Aberdeen, Scotland.

- RAPP PY-DANIEL, L & E.C. OLIVEIRA.** In press. Seven new species of *Harttia* from the Amazonian-Guyana region (Siluriformes: Loricariidae). Ichthyol. Exploration Freshwaters.
- REIS, R.E.** 2000. [Review of] Eschmeyer, W.N. 1998. Catalog of Fishes. California Academy of Sciences. Copeia, 2000(3): 904-906.
- REIS, R.E. & E.H.L. PEREIRA.** In press. Three new species of the loricariid catfish genus *Loricariichthys* (Teleostei: Siluriformes) from southern South America. Copeia, 2000(4).
- RESH, V.H. et al.** 1999. Feeding habits of some freshwater fishes in streams of Moorea, French Polynesia. Annls Limnol. 35 (3): 205-210.
- RICHARDS, W. J.** 2000. Problems with unofficial and inaccurate geographical names in the fisheries literature. Mar. Fish. Rev. 61(3): 56-57.
- RICHARDS, W.J.** 2000. Review of "Fishes of Bermuda: history, zoogeography, annotated checklist, and identification keys" by W.F. Smith-Vaniz, B.B. Collette, and B.E. Luckhurst. Bull. Mar. Sci. 66(2): 320/338.
- RICHARDS, W. J.** In Press. FAO Species Identification Guide - Western Central Pacific. Family Triglidae. (to appear in 2001).
- RICHARDS, W. J., J. M. LEIS & T. TRNSKI.** 2000. Triglidae - Gurnards, Sea Robins. Pages 255- 260 in Leis, J.M. and B.M. Carson-Ewart. (eds.). The larvae of Indo-Pacific coastal fishes. An identification guide to marine fish larvae. (Fauna Malesiana Handbooks 2). E.J. Brill, Leiden, xx + 850pp.
- RICHARDS, W. J. & G. P. JENKINS.** 2000. Scombridae - Mackerels, Spanish mackerels, bonitos, tunas. Pages 693-700 in Leis, J.M. and B.M. Carson-Ewart. (eds.). The larvae of Indo-Pacific coastal fishes. An identification guide to marine fish larvae. (Fauna Malesiana Handbooks 2). E.J. Brill, Leiden, xx+850pp.
- RIEHL, R. & H. GREVEN.** (eds.) In press. Behaviour of Aquariumfishes II; Birgit Schmettkamp Verlag, Bornheim, [in German].
- RIEHL, R. & R.M. McDOWALL.** In press. On the biology of three galaxiid species of New Zealand. pp. In: Riehl, R. & H. Greven (eds.). Behaviour of Aquariumfishes II; Birgit Schmettkamp Verlag, Bornheim [in German] (Galaxiidae).
- RIEHL, R. & R.A. PATZNER** In press. The eggs of native fishes. 14. Asp - *Aspius aspius* (Linnaeus, 1758). Österreichs Fischerei 54: [in German] (Cyprinidae).
- RIVA ROSSI, C., GOSZTONYI, A.E. & M.COZZUOL.** In press. A miocene cusk-eel (Ophidiiformes: Ophidiidae) from Península Valdés, Argentina. J. Vert. Paleont.
- ROJAS, J.R., J. CAMPOS & A. SEGURA.** 1999 (in press). Shark fisheries in Central America. Shark News.
- ROJAS, J.R., J. CAMPOS & A. SEGURA.** 1999 (in press). Shark fisheries in Costa Rica. TRAFFIC- UICN.
- ROJAS, J.R, J. CAMPOS & A. SEGURA.** 2000 (accepted). Diagnostic of shark fisheries in Central America. UNICIENCIA.
- ROJAS, J.R. & G. PEQUEÑO.** 2000 (in press). Taxonomic revision of the subfamilies Epinephelinae and Serraninae (Pisces: Serranidae) from Chile. Rev. Biol. Trop., 48 (4).
- ROJAS, J.R. & G. PEQUEÑO.** In progress. Historical biogeography of the serranid fishes from Eastern Pacific.
- ROJAS, J.R., O. RODRÍGUEZ & A. MORALES.** 2000. Size and distribution of *Pandarus satyrus* (Copepoda:Pandaridae) parasite of blue shark *Prionace glauca* (Carcharhinidae) in Costa Rica. Rev. Biol. Trop. 48 (4): ?-?
- ROJAS, J.R., P. TORRES & G. PEQUEÑO.** 1998. Acanthocolpid metacercariae in the sea-bass from Alejandro Selkirk Island, Chile. Journal of Wildlife Diseases (USA) 35 (1): 90-93.
- RUIZ-CAMPOS, G., J.L. CASTRO-AGUIRRE, S. GONZÁLEZ-GUZMÁN & S. SÁNCHEZ-GONZÁLEZ.** 1999. First records of two tropical gobies, *Awaous tajasica* and *Ctenogobius sagittula* (Pisces: Gobiidae), in the continental waters of Baja California, México. Bull. Southern California Acad. Sci., 98(3): 131-136.
- RUIZ-CAMPOS, G., J.L. CASTRO-AGUIRRE, S. CONTRERAS-BALDERAS, M.L. LOZANO-VILANO, A.F. GONZALEZ-ACOSTA, & S. SANCHEZ-GONZALEZ.** In Press. Distribution and status of continental fish from Baja California Sur, México. Hidrobiologica.
- SABAJ, M.H., E.G. MAURAKIS & W.S. WOOLCOTT.** 2000. Spawning behaviors in the bluehead chub, *Nocomis leptcephalus*, river chub, *N. micropogon* and central stoneroller, *Camptostoma anomalum*. Am. Midl. Nat. 144:187-201.
- SARUWATARI, T., I. OOHARA, J.W. ORR, R.M. McDOWALL & T. KOBAYASHI.** 2000. Phylogeny of lower euteleosts reconstructed from mtDNA analysis. DNA Res. 8:96-101.
- SAZONOV, Y.I. & P.R. LAST.** 2000. Redescription of the rare slickhead *Mirognathus normani* (Salmoniformes: Alepocephalidae) with the first record from the western South Pacific. NZ J. Mar. Freshw. Res. 2000 (34): 385-389.
- SCHAEFER S.A. & A.E. AQUINO.** In press. The postotic laterosensory canal pterotic branch homology in catfishes. J. Morph. 246
- SCHINDLER, I. & H.-G. EVERS.** 2000. *Corydoras latus*. Aquar. Terr. Z. 53(6):26-31. [Callichthyidae]
- SCHMITTER-SOTO, J.J., L. VÁSQUEZ-YEOMANS, A.AGUILAR-PERERA, C. CURIEL-MONDRAGÓN & J.A. CABALLERO-VÁZQUEZ.** 2001 (in press). Lista de peces marinos del Caribe mexicano. An. Inst. Biol. Univ. Nac. Autón. México, ser. Zool.
- SCHULTZE, H.-P.** 2000. A porolepiform rhipidistian from the Lower Devonian of the Canadian Arctic.- Mitt. Mus. Nat.kd. Berl., Geowiss. Reihe 3Reihe 3:97-107.
- SÉRET, B.** 1999. Les requins des côtes françaises. Editions Ouest France, Collection "Découverte Nature", 32 p.
- SÉRET, B. & J.Y SIRE.** 2000 (in press). Proceedings of the 3rd European Elasmobranch Association meeting, Boulogne-sur-Mer, France, 27-29 May 1999. Cybium, n° Spécial.
- SHAO, K.T.** 2000. Current status of LOICZ project in Taiwan. 12th SARCS Business Meeting. April 17-19. NCU, Chungli.
- SHAO, K.T.** 2000. Sustainability of marine ecosystem in Taiwan. International Conference on Sustainable development for island societies. April 20-22, NCU, Chungli.
- SHAO, K.T.** 2000. Sustainable fisheries need protecting marine biodiversity. Managing Bio-Resources and Biodiversity: Agriculture of the New Century. April 14-16. NTU, Taipei.
- SHAO, K.T. & L.Y. HSIEH.** 1999. Taxonomical distributional database of fishes in Taiwan. Joint Taiwan-Australia Aquaculture and Fisheries Resources and Management Forum. Nov. 2-8.
- SHAO, K.T., L.Y. HSIEH, Y.Y. WU & C.Y. WU.** 2000 (in revision). Taxonomic and distributional database of fishes in Taiwan. Env. Biol. Fish.
- SMITH, D.G.** 2000. Families Elopidae, Megalopidae, Halosauridae, Notacanthidae, Lipogenyidae, Anguillidae, Moringuidae, Chlopsidae, Myrocongridae, Synphobranchidae, Colocongridae, Derichthyidae, Muraenesocidae, Nemichthyidae, Congridae, Nettastomatidae, Serrivomeridae, Cyematidae, Saccopharyngidae, Eurypharyngidae, Monognathidae. In: FAO Species Identification Guides for Fishery Purposes, The Living Marine Resources of the Western Central Pacific, Vol. 3.
- SMITH, D.G. & J.E. McCOSKER.** 1999. Family Ophichthidae. Pp. 1662-1669 in Carpenter, K. E. and V. H. Niem (eds). FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Vol. 3. Batoid fishes, chimaeras and bony fishes part 1 (Elopidae to Linophryniidae). Rome, FAO: 1397-2066.
- SMITH, D.G. & J.E. RANDALL.** 2000. Family Albulidae. In: FAO Species Identification Guides for Fishery Purposes, The Living Marine Resources of the Western Central Pacific, Vol. 3.
- SOARES, L. & L. CASATTI.** 2000 (in press). Descrição de duas novas espécies de Sciaenidae (Perciformes) de água doce da bacia Amazônica. Acta Amazônica, 30(3): xx [Description of two new species of freshwater Sciaenidae (Perciformes) from Amazon River Basin].
- SOLER, A. & R. SUÁREZ,** 1997. (En revisión). Inventario de la fauna silvestre y acuática en el área de influencia de la línea férrea y terminal de carga de buques de Carbones del Guasare S. A. Edo. Zulia. Informe Técnico de la Dirección de Fauna Acuática. PROFAUNA-MARNR.
- SPRINGER, V.G. & R. FRICKE** 2000. Description of two new blennioid fish species: *Entomacrodus lemuria* from the western Indian Ocean and *E. williamsi* from the western Pacific Ocean. Proc. Biol. Soc. Wash., 113 (2): 386-396.
- SPRINGER, V.G. & J.E. RANDALL.** 1999. *Ecsenius polystictus*, new species of blennioid fish from Mentawai Islands, Indonesia, with notes on other species of *Ecsenius*. Rev. Franç. Aquariol. 26(1-2): 39-48.
- STAECK, W. & I. SCHINDLER.** 2000. *Nannacara-anomala*-komplex. Aquar. Terr. Z. 53(7):10-15. [Cichlidae]
- STAUFFER, J.R., Jr., E.A. HALE & R. SELTZER.** 1999. Hunting strategies of a Lake Malawi cichlid with reverse countershading. Copeia 1999:1108-1111.
- STEHMANN, M., E.I. KUKUEV & I.I. KONOVALENKO.** 1999. Three new adult records of the oceanic longnose pygmy shark, *Heteroscymnoides marleyi*, from the Southeastern Atlantic and Southeastern Pacific (Chondrichthyes, Squaliformes, Squalidae). - Vop. Ikhtiol., 39(5):631-641, (in Russian), English translation in J. Ichthyol., 39(8):606-615.

- STEHMANN, M. (Ed.)** Contributions to the study of the comparative morphology of teeth and other relevant ichthyodorulites in living supraspecific taxa of chondrichthyan fishes. (see HERMAN, J. et al.)
- STEHMANN, M.** 2000. Änderung wissenschaftlicher Gattungsnamen der Echten Rochen (*Raja* spp.), Familie Rajidae. Inf. Fischwirtsch. Fischereiforsch., 47(2):73-74.
- STEHMANN, M.** 2000. Feldschlüssel zu häufigen Rochenarten (*Raja* spp.) in nördlichen EU-Schelfgewässern. [Field key to common skate species (*Raja* spp.) in northern EC shelf waters. Clé des espèces de raies (*Raja* spp.) communes dans les eaux du plateau continental nord européen. Chave de identificação das espécies de raia (*Raja* spp.) comuns em águas costeiras do norte da Europa. Clave de campo para las especies habituales de rayas (*Raja* spp.) en la plataforma continental de las aguas del norte de la UE]. Illustrated waterproof PVC wall posterkey, size 100 x 70 cm, in English, French, German, Portuguese and Spanish. Bundesforschungsanstalt für Fischerei Hamburg, English/French and Portuguese/Spanish printed on both sides of one poster, resp.
- STEHMANN, M.** 2000. Field key to landed wings of common skate species (*Raja* spp.) in northern EC shelf waters. Clé des ailes des espèces de raies (*Raja* spp.) débarquées en Europe du nord. Illustrated waterproof PVC wall posterkey, size 100 x 70 cm, in English and French (printed on both sides). Bundesforschungsanstalt für Fischerei Hamburg.
- STEPHENS, M. & D.A. HENDRICKSON.** 2000 (in press). Ontogeny of *Cichlasoma minckleyi*, and development of the trophic polymorphism. Southwestern Naturalist.
- STIEPIEN, C.A.** 1999. Phylogeographic structure of the Dover sole *Microstomus pacificus*: The larval retention hypothesis and genetic divergence along the deep continental slope of the north eastern Pacific Ocean. Molecular Ecology, 8(6):923-940.
- STIEPIEN, C.A., A.K. DILLON & A.K. PATTERSON.** 2000. Population genetics, phylogeography, and systematics of the thornyhead rockfishes (*Sebastolobus*) along the deep continental slopes of the North Pacific Ocean. Can. J. Fish. & Aquat. Sci. 57:1701-1717.
- STEVENSON, D.E.** 2000. Discovery of the holotype of *Chaenogobius annularis* Gill (Perciformes: Gobiidae) and its taxonomic consequences. Copeia 2000:835-840.
- STRINGER, G.** 2000 (in press). Oligocene Fishes and Sharks from the type locality Rosefield Marl Beds (Catahoula Parish, Louisiana) (abstract). The Proceedings of the Louisiana Academy of Sciences.
- SU, R.-F.** In preparation. Systematic taxonomy and Phylogeny of *Yunnanilis* with description of a new species.
- SU, R.-F., J.-X. YANG & Y.-R. CHEN.** In press. A review of the genus *Crossocheilus* in China, with descriptions of a new species. Raffles.
- SU, R.-F., J.-X. YANG & G.-H. CUI.** In preparation. The taxonomy and geographical distribution of *Parasinilabeo* fishes (Ostariophysi: Cyprinidae) with description of a new species.
- SU, R.-F., J.-X. YANG & G.-H. CUI.** In preparation. Revision on *Sinocrossocheilus* genus with description of four new species.
- SU, R.-F. & J.-X. YANG.** In preparation. Zoogeography of Mekongina with description of a new species.
- TAN, H.H.,** 1999. A new species of *Carinotetraodon* from Sumatra and the valid status of *Arintotetraodon borneensis* Regan, 1902 (Teleostei: Tetraodontidae). Ichthyol. Explor. Freshwaters, 10 (4): 345-354.
- TAN, H. H. & H. H. NG.** 2000. The catfishes (Teleostei: Siluriformes) of central Sumatra. J. Nat. History, 34: 267-303.
- TAN, H. H. & P. K. L. NG.** 2000. Case 3113. *Betta* Bleeker, 1850 (Osteichthyes, Perciformes): proposed conservation of specific names by suppression of *Micrakanthus marche* Sauvage, 1879. Bull. Zool. Nomen., 57 (1): 29-31, Mar 2000.
- TAN, H. H. & K. K. P. LIM.** In progress. A new species of *Ellopostoma* (Teleostei: Cypriniformes: Balitoridae) from Peninsular Thailand. Raffles Bull. Zool.
- TANG, K.L.** Accepted, pending revisions. Phylogenetic relationships among damselfishes (Teleostei: Pomacentridae) as determined by Mitochondrial DNA Data. Copeia.
- TANG, K.L., P.B. BERENDZEN, E.O. WILEY, J.F. MORRISSET, R. WINTERBOTTOM & G.D. JOHNSON.** 1999. The phylogenetic relationships of the suborder Acanthuroidei (Teleostei: Perciformes) based on molecular and morphological evidence. Mol. Phylog. & Evol., 11 (3) :415-425.
- TIGLER, K.A. & J.G. NIELSEN.** 2000. *Saccopharynx berteli*, a new gulper eel from the Pacific Ocean Teleostei, Saccopharyngidae). Ichthyol. Res., 47:39-41.
- TOLEDO-PIZA, M., N.A. MENEZES & G.M. dos SANTOS.** 1999. Revision of the neotropical fish genus *Hydrolicus* (Ostariophysi: Characiformes: Cynodontionae). Ichthyol. Explor. Freshwaters 10(3):1-23.
- TYLER, J.C.** 1999. A new family for a long known but undescribed acanthopterygian fish from the Eocene of Monte Bolca, Italy. Eclogae Geol. Helvet. (J. Swiss Geol. Soc.) 91:521-540.
- TYLER, J.C.** 1999. A new genus and species of surgeon fish (Acanthuridae) with four dorsal-fin spines from the Eocene of Monte Bolca, Italy. Mus. Civ. Sotr. Nat. Verona, Studi e Ric. Giac. Terz. Bolca, 8:257-268.
- TYLER, J.C.** 1999. A new genus and species of surgeon fish (Acanthuridae) with a unique dorsal-fin pterygiophore arrangement from the Eocene of Monte Bolca, Italy. Mus. Civ. Stor. Nat. Verona, Studi e Ric. Giac. Terz. Bolca, 8:245-256.
- TYLER, J.C.** In press. *Arambourghurus*, a new genus of hypurostegic surgeonfish (Acanthuridae) from the Oligocene of Iran, with a phylogeny of the Nasinae. Geodiversitas (Paris).
- TYLER, J.C. P. BRONZI & A. GHIANDONI.** In press. The Cretaceous fishes of Nardò. 11° A new genus and species of Zeiformes, *Cretazeus rinaldii*, the earliest record for the order. Boll. Mus. Civ. Stor. Nat. Verona.
- TYLER, J.C. , B. O'TOOLE & R. WINTERBOTTOM.** In revision. Phylogeny of the genera and families of zeiform fishes, with comments on their relationships with tetraodontiforms. Smiths. Contrib. Zool.
- TYLER, J.C. & C. SORBINI.** 1999. Phylogeny of the fossil and Recent genera of fishes of the family Scatophagidae (Acanthuroidei). Boll. Mus. Civ. Stor. Nat. Verona, 23:353-393.
- TYLER, J.C. & D.M. TYLER.** 1999. Natural History of the sea-fan blenny, (*Emblemariopsis pricei*) (Pisces: Chaenopsidae), in the western Caribbean. Smithsonian Contrib. Zoology, 601:1-24.
- TYLER, J.C. & R. WINTERBOTTOM.** 1999. A review of the Oligocene spikesh genera *Acanthopleurus* and *Cryptobalistes* (Tetraodontiformes: Triacanthidae). Palaeol. Zeit., 73 (3/4) :351-367.
- UIBLEIN, F.** 2000. Deep-Sea fishes. In: Uiblein, F. (Ed.): Life in the Dark: Deep Sea and Caves. Filander, Fürth, 133-180. (In German).
- UIBLEIN, F. & W. BRENOE** 2000. Collections with longlines. In: Pfannkuche, O., T.J. Müller, W. Nellen & G. Wefer (Eds.): Ostatlantik 1998, Cruise No. 42, 16 June – 26 October 1998. METEOR-Berichte, Universität Hamburg, 136-139.
- UIBLEIN, F., A. JAGSCH, G. KÖSSNER, S. WEISS, P. GOLLMANN, & E. KAINZ** 2000. Investigations on local adaptation, vulnerability, and conservation of European grayling (*Thymallus thymallus*) in upper Austrian waters. Österreichs Fischerei, 53:87-165. (In German with English abstract).
- UYENO, T. & K. HIRAO** (eds.). 2000. A catalogue of Miocene fishes from Miyanosita, Tottori Prefecture, Japan. Tottori Prefectural Museum, Tottori, Japan. (In Japanese.)
- UYENO, T., Y. YABUMOTO, E. KITABAYASHI, T. AOKI & Y. TOMIDA.** 2000. Paleochthyological survey of a Middle Pleistocene lacustrine bed in the Kusu Basin, Oita Pref., Kyushu, Japan. Mem. Natn. Sci. Mus., Tokyo 36:55-75. (In Japanese/ English summary.)
- VALTIERRA-VEGA, M.T. & J.J. SCHMITTER-SOTO.** 2000 (in press). Hábitos alimenticios de las mojaras (Perciformes: Cichlidae) en la laguna Caobas, Quintana Roo, México. Rev. Biol. Trop. 48(2):00-00.
- VAN GREVELYNGHE G., A. DIRINGER & B. SÉRET** 1999. Tous les requins du Monde. Coll. Les Encyclopédies du Naturaliste. Delachaux & Niestlé ed.
- VARI, R.P. & A.S. HAROLD.** In press. Genera *Creagrutus* and *Piabina*. In CLOFFSCA, Checklist of the Freshwater Fishes of South and Central America.
- VARI, R.P. & A.S. HAROLD.** In press. Neotropical fishes of the genera *Creagrutus* and *Piabina* (Teleostei: Ostariophysi: Characiformes): A phylogenetic study and a revision of the species east of the Andes. Smithsonian Contrib. Zoology.
- VARI, R.P. & H. ORTEGA.** 2000. *Attonitus*, a new genus of sexually dimorphic characiforms (Ostariophysi: Characidae) from western Amazonia; a phylogenetic definition and description of three new species. Ichthyol. Explor. Freshwaters 11(1):113-140.
- VECCHIONE, M., M.F. MICKEVICH, K. FAUCHILD, B.B. COLLETTE, A.B. WILLIAMS, T.A. MUNROE & R.E. YOUNG.** 2000. The importance of assessing taxonomic adequacy in determining fishing effects on marine biodiversity. ICES J. Mar. Sci. 57:677-681.
- VISPO, C., C. LASSO & O. LASSO-ALCALÁ.** 1999. Variación estacional y espacial en comunidades de peces en las Lagunas del Bajo Caura. III Congreso Venezolano de Ecología, Pto. Ordaz, Venezuela: 115-116. (Abstract).

- WALSH, S.J., L.J. CHAPMAN, A.E. ROSENBERGER & C.A. CHAPMAN.** 2000. Redescription of *Amphilius jacksonii* (Siluriformes: Amphiliidae) with habitat and life-history notes. Ichthyological Exploration of Freshwaters 11(2):163-174.
- WALSH, S.J. & M.R. MEADOR.** 1998. Guidelines for quality assurance/quality control of fish taxonomic data collected as part of the National Water-Quality Assessment Program. USGS Water-Resources Investigations Report 98-4239:1-33.
- WARREN, M.L., JR., B.M. BURR, S.J. WALSH, H.L. BART, JR., R.C. CASHNER, D.A. ETNIER, B.J. FREEMAN, B.R. KUHAJDA, R.L. MAYDEN, H.W. ROBISON, S.T. ROSS & W.C. STARNES.** 2000. Diversity, distribution, and conservation status of the native freshwater fishes of the southern United States. Fisheries 25(10):7-31.
- WATANABE, K., K. IGUCHI, K. HOSOYA & M. NISHIDA.** 2000. Phylogenetic relationships of the Japanese minnows, *Pseudorasbora* (Cyprinidae), as inferred from mitochondrial 16S rRNA gene sequences. Ichthyol. Res., 47(1): 43-50.
- WATERS, J.M. & C.P. BURRIDGE.** 1999. Extreme intraspecific mitochondrial DNA sequence divergence in *Galaxias maculatus* (Osteichthys: Galaxiidae), one of the world's most widespread freshwater fish. Mol. Phylog. Evol. 11(1):1-12.
- WEBER, A., G.S. PROUDLOVE, J. PARZEFALL, H. WILKENS & T. NALBANT** 1998. Pisces (Teleostei). Pp. 1177-1178 in: Juberthie, C. and V. Decu (eds.) Encyclopedia Biospeologica. Volume 3. Societe International de Biospeologie, Moulis and Bucarest.
- WEBER, A., G.S. PROUDLOVE & T.NALBANT** 1998. Morphology, systematic diversity, distribution and ecology of stygobitic fishes. Pp. 1179-1190 in: Juberthie, C. and V. Decu (eds.) Encyclopedia Biospeologica. Volume 3. Societe International de Biospeologie, Moulis and Bucarest.
- WILLIAMS, J.T. & R. FRICKE** In press. Tripterygiidae. FAO Western and Central Pacific Identification Guide.
- WILLIAMS, T.M., R.W. DAVIS, L.A. FUIMAN, J. FRANCIS, B.J. LEBOEUF, M. HORNING, J. CALAMBOKIDIS & D.A. CROLL.** 2000. Sink or swim: Strategies for cost-efficient diving by marine mammals. Science 288:133-136.
- WINTERBOTTOM, R.** In press. A new gobiid fish, *Trimma milta*, from the central and western Pacific. Rev. fr. d'Aquariol.
- WINTERBOTTOM, R.** In press. Four new species of *Trimma* (Gobiidae), from the Indian and Western Pacific Oceans. Aqua.
- WINTERBOTTOM, R.** In press. *Trimmatom pharus*, a new species of goby from the Indo-West Pacific. Rev. fr. d'Aquariol.
- WINTERBOTTOM, R. & R.C. ANDERSON.** 1999. Fishes of the Chagos Archipelago. In: Seaward, M.R.D. and C.R.C. Sheppard, Ecology of the Chagos Archipelago, Chap. 8:101-117.
- WINTERBOTTOM, R. & M. BURRIDGE.** In press. *Priolepis*, Gobiidae. In: Fishes of the western Indian Ocean (ed. P. H. Heemstra and J. E. Randall).
- WINTERBOTTOM, R. & F. SANTINI.** In press. Subfamily Congrogadinae (snakelets). In: Fishes of the western Indian Ocean (ed. P. H. Heemstra and J. E. Randall).
- WIRTZ, P.** 1999. Mother species - father species: Unidirectional hybridisation in animals with female choice. Animal Behav. 58, 1-12.
- WIRTZ, P. & P. NAHKE.** 2000. Underwater Guide Caribbean Fishes. Unterwasserführer Karibik Fische. (English/ German) 176 pages. Second, revised edition. S. Naglschmid Verlag, Stuttgart.
- WONGRATANA, T., T.A. MUNROE & M.S. NIZINSKI.** 2000. Family Engraulidae. p. 1698-1753. In (K.E. Carpenter and V.H. Niem, eds.) FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Volume 3. Batoid fishes, chimaeras and bony fishes part 1 (Elopidae to Linophrynidae).
- WU, H.L. & Y.H. CHEN.** 1999. An animal experimental study of acute intoxication with cyprinids bile. Zool. Research. V. 20(6):475-476.
- YABUMOTO, Y. & T. UYENO.** 2000. *Inabaperca taniurai* a new genus and species of Miocene percoid fish from Tottori Prefecture, Japan. Bull. Natn. Sci. Mus., Tokyo, ser. C. 26(3,4):93-106.
- YAMASHITA, T., S. KIMURA, Y. IWATSUKI & T. YOSHINO.** 2000. Record of a leiognathid fish, *Secutor megalolepis*, from Japan (Perciformes). Japan. J. Ichthyol., 47 (1): 49-54.
- YOKLAVICH, M.M., H.G. GREENE, G.M. CAILLIET, D.E. SULLIVAN, R.N. LEA & M.S. LOVE.** 2000. Habitat associations of deep-water rockfishes in a submarine Canyon: an example of a natural refuge. Fishery Bulletin 98:625-641.
- YEARSLEY, G.K., A.C. ONLEY & F.K. BROWN** (eds.) 2000. Australian seafood users manual - making the most of the world's best. DPI Qld and FRDC, 365 pp.
- ZARDOYA, R., P.S. ECONOMIDIS & I. DOADRIO.** 1999. Phylogenetic relationships of Greek Cyprinidae: Molecular evidence for at least two independent origins of Greek Cyprinid Fauna. Molecular Phylogenetics and Evolution, 13: 122-131.
- ZHANG, C.G. & Y.H. ZHANO.** 2000 (in press). A New Species, *Vanmanenia homalocephala* (Homalopteridae). Acta Zootaxon., 25(4).
- ZHANG, C.G. & Y.H. ZHANO.** In press. A New species, *Sinocyclocheilus macrophthalmus*, (Cyprinidae), with a description on its ecological adaptation. Acta Zootaxonomica, 26(1).
- ZHOU W.** 2000. Preliminary study endangerment mechanism of freshwater fish species in wetland ecosystem of Yunnan. Chinese Biodiversity 8(2): 163-168.
- ZHOU, W. & L.X. HAN** 2000. Ichthyo-fauna and sustainable utilization of fish resources in Yunnan Lancangjiang River (the upper Mekong). China's Biodiversity Conservation toward the 21th Century. China Forestry Publishing House: 282-288, Beijing
- ZUPANCIC, P.** In preparation. An annotated checklist of Cyprinidae from Croatia and Bosnia & Hercegovina- Adriatic basin.
- ZUPANCIC, P. & N.G. BOGUTSKAYA** In press. Description of two new species of the genus *Phoxinellus* from Croatia with a redescription of *Phoxinellus fontinalis* Karaman, 1972 (Cyprinidae: Leuciscinae). Natura Croatica.



Index

Note: 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: VOGT // PAXTON

PETROMYZONTIFORMES:

- 2 Petromyzontidae: VOGT // ECONOMIDIS ET AL.

Elasmobranchs: BALART, BARRULL, BOR, CAPPETTA, CASTRO-AGUIRRE, DINGERKUS, ISHIHARA, LAST, ROJAS, SÉRET, STEHMANN // BARRULL ET AL., DINGERKUS, FOWLER ET AL., LAST, LAST & SERET, LATROUITE ET AL., McCOY ET AL., MUSICK ET AL., PONROY & SERET, ROJAS ET AL. (3), SERÉT, SERÉT & SIRE, STEHMANN, STRINGER, VAN GREVELYNGHE ET AL.

HEXANCHIFORMES:

- 3 Hexanchidae: BARRULL// BARRULL & MATE.
4 Chlamydoselachidae:

HETERODONTIFORMES:

- 5 Heterodontidae:

ORECTOLOBIFORMES:

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

LAMNIFORMES:

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

CARCHARINIFORMES:

- 18 Scyliorhinidae: BARRULL // BALART ET AL., BARRULL & MATE, COMPAGNO ET AL., LAST ET AL., NAKAYA & SERET (2)
19 Proscylliidae:
20 Pseudotriakidae: // GILHEN & COAD
21 Leptochariidae:
22 Triakidae: BARRULL, ROJAS, TAKAHASHI //
23 Hemigaleidae: // BALBINO ET AL.
24 Carcharhinidae: // ROJAS ET AL.
25 Sphyrnidae:

SQUALIFORMES: CAPPETTA //

- 26 Squalidae (incl. Etmopteridae): BARRULL, McCOSKER //
CAPPETTA & ADNET, STEHMANN ET AL.
26a Dalatiidae: BARRULL
27 Echinorhinidae:

PRISTIPHORIFORMES:

- 28 Pristiophoridae: YEARSLEY

SQUATINIFORMES:

- 29 Squatinidae: YEARSLEY

PRISTIFORMES:

- 30 Pristidae: // COMPAGNO & LAST

TORPEDINIFORMES:

- 31 Torpedinidae: STEHMANN // COMPAGNO & LAST
32 Narkidae (Narcininae incl.): CARVALHO, STEHMANN //
CARVALHO ET AL.

RAJIFORMES (Also Batoidea): CARVALHO, ISHIHARA, LAST //
LAST & COMPAGNO, MENNI & STEHMANN

33 Rhinobatidae: // COMPAGNO & LAST

34 Platyrrhinidae: CARVALHO // COMPAGNO & LAST

35 Rajidae: ISHIHARA, ORR, STEHMANN // LAST & COMPAGNO,
LONG & McCOSKER, STEHMANN (3)

36 Anacanthobatidae: // LAST & COMPAGNO

MYLIOBATIFORMES:

- 37 Dasyatidae: CAPPETTA, CARVALHO, ISHIHARA // LAST &
COMPAGNO
38 Gymnuridae: // COMPAGNO & LAST
39 Myliobatidae (incl. Rhinopteridae): LOVEJOY, STEHMANN //
COMPAGNO & LAST
40 Urolophidae: CAPPETTA, YEARSLEY // LAST & COMPAGNO
41 Potamotrygonidae: CARVALHO, LOVEJOY //
42 Mobulidae: STRINGER // COMPAGNO & LAST
43 Hexatrygonidae: SHEN // COMPAGNO & LAST

CHIMAERIFORMES:

- 44 Callorhynchidae:
45 Chimaeridae: McCOSKER
46 Rhinochimaeridae:

ACIPENSERIFORMES:

- 47 Acipenseridae: // DUFOR ET AL., ELVIRA & ALMODOVAR,
KOTTELAT & WHEELER
48 Polyodontidae: DINGERKUS

POLYPTERIFORMES:

- 49 Polypteridae: BRITZ, MEUNIER

LEPISOSTEIFORMES:

- 50 Lepisosteidae: ARRATIA

AMIIFORMES:

- 51 Amiidae: ARRATIA

OSTEOGLOSSIFORMES: BRITZ

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

Mormyroidei:

- 56 Mormyridae: TEUGELS //
57 Gymnarchidae:

ELOPIFORMES:

- 58 Elopidae: ARRATIA // SMITH
59 Megalopidae: ARRATIA // SMITH

ALBULIFORMES:

- 60 Albulidae: // CAVIN ET AL., SMITH & RANDALL

NOTOCANTHIFORMES:

- 61 Halosauridae: // SMITH
62 Notacanthidae: // SMITH
63 Lipogenyidae: // SMITH

ANGUILLIFORMES: SMITH, ZHANG

- 64 Anguillidae: McCOSKER, ZHANG // SMITH
65 Heterenchelyidae:
66 Moringuidae: ZHANG // SMITH
67 Chlopsidae (incl. Xenocoelidae): TIGHE // SMITH
68 Myrocongridae: // SMITH
69 Muraenidae: AZEVEDA, BÖHLKE, HEEMSTRA, ZHANG //
BÖHLKE (2), BÖHLKE & McCOSKER, BÖHLKE ET AL., BÖHLKE &
RANDALL (2), BÖHLKE & SMITH
70 Synaphobranchidae (incl. Ilyophinae and Simenchelyinae): TIGHE
// SMITH

- 71 Ophichthidae: McCOSKER // McCOSKER & CHEN, SMITH & McCOSKER
 72 Colocongridae: // SMITH
 73 Congridae (incl. Bathymyrinae and Heterocongrinae): // SMITH
 74 Muraenesocidae: // SMITH
 75 Derichthyidae: // SMITH
 76 Nemichthyidae: ZHANG // SMITH
 77 Serrivomeridae: ZHANG // SMITH
 78 Nettastomatidae: ZHANG // SMITH

SACCOPHARYNGIFORMES:

- 79 Cyematidae: // SMITH
 80 Saccopharyngidae: // SMITH, TIGHE & NIELSEN
 81 Eurypharyngidae: // SMITH
 82 Monognathidae: // SMITH

CLUPEIFORMES: ARRATIA // MUNROE & NIZINSKI

- 83 Denticipitidae: ARRATIA
 84 Clupeidae: BALART, CASTRO-AGUIRRE, GON // BIANCO, GOLANI, MENEZES & DE PINNA, MUNROE ET AL. (2)
 85 Engraulidae: LOVEJOY, SABAJ // WONGRATANA ET AL.
 86 Chirocentridae: // MUNROE ET AL.
 86a Sundasalangidae: // BRITZ & KOTTELAT

GONORYNCHIFORMES:

- 87 Chanidae:
 88 Gonorynchidae: ARRATIA // FERRARIS
 89 Kneriidae:
 90 Phractolaemidae:

CYPRINIFORMES: ARRATIA, OTT

- 91 Cyprinidae: BIANCO, BURRIDGE, BUTH, CHEN [Y.-R.], CHEN [Z.-M.], HENDRICKSON, JAYARAM, KIM [I.-S.], KOTTELAT, RIEHL, SKELTON, SU, TEITLER, WU, YANG, ZUPANCIC // BANARESCU ET AL. (2), BIANCO ET AL., BOGUTSKAYA & ZUPANCIC, CHEN & CHEN, CHEN & YANG (2), CHEN ET AL., COAD & ABDOLI, FANG & KOTTELAT (2), KETMAIER ET AL., KOTTELAT (2), MOREIRA DA COSTA ET AL., OTT (2), PAEPKE & KOCH, PROUDLOVE & ROMERO, RAB ET AL., RIEHL & PATZNER, SABAJ ET AL., SU ET AL. (3), WATANABE ET AL., WU & CHEN, ZARDOYA ET AL., ZUPANCIC, ZUPANCIC & BOGUTSKAYA
 92 Psilorhynchidae:
 93 Cobitidae (incl. Botiinae): CHEN [Y.-R.], KIM [I.-S.], KOTTELAT, NALBANT, OTT // KIM, OTT
 94 Balitoridae (incl. Nemacheilinae, Homalopteridae): KOTTELAT, NALBANT, OTT, TAN // KOTTELAT, OTT, SU, TAN & LIM, ZHANG & ZHANO (2)
 95 Gyrinocheilidae:
 96 Catostomidae: BUTH, ZHANG //

CHARACIFORMES: MENEZES

- 97 Citharinidae (incl. Distichodontinae):
 98 Alestiidae (incl. all African "Characidae"):
 99 Hepsetidae:
 100 Hemiodontidae (incl. Parodontinae): LASSO, LASSO-ALCALÁ, PAVANELLI, SUÁREZ // BONILLA ET AL.
 101 Curimatidae (incl. Prochilodontinae, Chilodontinae, Anostominae): LASSO, LASSO-ALCALÁ, MAUTARI, MERI, SUÁREZ, VARI // GARAVELLO, GARAVELLO & SAMPAIO, HAHN ET AL., PAVANELLI ET AL.
 102 Erythrinidae:
 103 Lebiasinidae:
 104 Gasteropelecidae:
 105 Ctenoluciidae: VARI
 106 Cynodontidae: // MENEZES & DE LUCENA, TOLEDO-PIZA ET AL.
 107 Characidae (New World characins): BENINE, CASATTI, CARAVELLO, CASTRO, FIGUEIREDO, FRIEL, HAROLD, HORN, LASSO, LASSO-ALCALÁ, LIMA, LUCENA, MENEZES, MOREIRA, PAVANELLI, PELIÇÃO, PROUDLOVE, TOLEDO-PIZA, VARI // AZPELICUETA & GARCIA, LASSO & TAPHORN, LIMA & CASTRO, MALABARBA & VARI, VARI & HAROLD, VARI & ORTEGA

- SILURIFORMES: ARRATIA, FERRARIS, FRIEL, HENDRICKSON, LUNDBERG, RAPP PY-DANIEL, TEUGELS, RAPP PY-DANIEL, SCHAEFER & AQUINO, TAN & NG**
 108 Diplomystidae: AZPELICUETA, BERRA, GOSZTONYI, LUNDBERG //

- 109 Ictaluridae: HENDRICKSON, LITTMAN, NG // HENDRICKSON ET AL. (2), NORTH CUTT ET AL.
 110 Bagridae (incl. Austroglanididae, Claroteidae): NG, WATANABE // KOTTELAT, NG, NG & FERRARIS, NG & KOTTELAT, NG & RAINBOTH, NG & TAN, NG ET AL.
 111 Cranoglanididae: // NG & KOTTELAT
 112 Siluridae: // COAD & HOLCIK, KOTTELAT & NG, NG
 113 Schilbeidae: NG // NG
 114 Pangasiidae: TEUGELS // NG & KOTTELAT, POUYAUD ET AL.
 115 Amblycipitidae: NG // NG, NG & KOTTELAT
 116 Amphiliidae: SKELTON // VECCHIONE ET AL., WALSH ET AL.
 117 Akysidae: // NG, NG & KOTTELAT, NG & NG
 118 Parakysidae:
 119 Sisoriidae: KOTTELAT, NG, ZHOU // NG & KOTTELAT (2)
 120 Clariidae: RIEHL, TEUGELS // ANSEAUME & TEUGELS, NG, NG & TAN
 121 Heteropneustidae:
 122 Chacidae:
 123 Olyridae:
 124 Malapteruridae:
 125 Ariidae: JAYARAM, KAILOLA, ZHANG // KAILOLA (2)
 126 Plotosidae: // FERRARIS
 127 Mochokidae:
 128 Doradidae: SABAJ
 129 Auchenipteridae: SABAJ // FERRARIS & VARI
 130 Pimelodidae: ABREU, AZPELICUETA, CASTRO, GARAVELLO, GUAZZELLI, LITTMANN, LUNDBERG, PARISI, PAVANELLI // LITTMAN ET AL.
 131 Ageneiosidae:
 132 Helogeneidae:
 133 Cetopsidae: FERRARIS, VARI
 134 Hypophthalmidae:
 135 Aspredinidae (incl. Bunocephalinae): FRIEL
 136 Trichomycteridae (incl. Nematogenyidae): ARRATIA, LASSO, VARI // FERNÁNDEZ & VARI
 137 Callichthyidae: BRITTO, BURGESS, REIS // SCHINDLER & EVERS
 138 Loricariidae: AQUINO, BRITTO, BURGESS, CASATTI, GARAVELLO, GHAZZI, LIMA, LUCINDA, PAVANELLI, PEREIRA, RAPP PY-DANIEL, REIS // AQUINO & MIQUELARENA // GARAVELLO & SANTANA, GARAVELLO ET AL., OTT, PEREIRA ET AL., RAPP PY-DANIEL & OLIVEIRA, REIS & PEREIRA
 139 Scoloplacidae:
 140 Astroblepidae:

GYMNOTIFORMES: COX FERNANDES, LUNDBERG // ALBERT

- 141 Gymnotidae (incl. Sternopyginae, Rhamphichthyinae, Hypopominae, Apterontinae, Gymnotinae, Electrophorinae): ALBERT // ALBERT & CRAMPTON, ALBERT & FINK, BRITZ ET AL., COX FERNANDES, CRAMPTON ET AL.

SALMONIFORMES:

- 142 Esocidae: ARRATIA, RIEHL
 143 Umbridae: ARRATIA
 144 Argentinidae: // PAXTON & COHEN, PAXTON ET AL.
 145 Bathylagidae: // PAXTON & COHEN
 146 Opisthoproctidae: // PAXTON & COHEN, PAXTON ET AL.
 147 Alepocephalidae: // SAZONOV & LAST
 148 Platytroutidae:
 149 Leptoichthyidae:
 150 Lepidogalaxiidae:
 151 Osmeridae:
 151a Microstomatidae: DUHAMEL // PAXTON & COHEN, PAXTON ET AL.
 152 Plecoglossidae:
 153 Salangidae:
 154 Retropinnidae:
 155 Galaxiidae: BERRA, McDOWALL // McDOWALL, RIEHL & McDOWALL, WATERS & BURRIDGE
 156 Salmonidae: ARRATIA, GOSZTONYI, HENDRICKSON, UIBLEIN // APOSTOLIDIS ET AL., UIBLEIN ET AL.

STOMIIFORMES: HAROLD // HAROLD

- 157 Gonostomatidae: // HAROLD
 158 Sternoptychidae: HAROLD // HAROLD, HAROLD ET AL.
 159 Phosichthyidae: // HAROLD
 160 Chauliodontidae: // HAROLD
 161 Stomiidae: // HAROLD

- 162 Astronesthidae: // HAROLD
 163 Melanostomiidae: // HAROLD
 164 Malacosteidae: // HAROLD
 165 Idiacanthidae: // HAROLD

AULOPIFORMES:

- 166 Aulopidae: // PAXTON, PAXTON & NIEM, QUERO & RIBES
 167 Chlorophthalmidae (incl. Ipnopinae): // PAXTON, PAXTON & NIEM
 168 Scopelarchidae: // PAXTON, PAXTON & NIEM
 169 Notosudidae: // PAXTON, PAXTON & NIEM
 170 Synodontidae (incl. Harpadontinae, Bathysaurinae):
 BARREIROS, SHEN
 171 Giganturidae: // PAXTON, PAXTON & NIEM
 172 Paralepididae: // PAXTON, PAXTON & NIEM
 173 Anopteridae: // PAXTON & NIEM
 174 Evermannellidae: // PAXTON, PAXTON & NIEM
 175 Omosudidae: // PAXTON, PAXTON & NIEM
 176 Alepisauridae: // PAXTON, PAXTON & NIEM
 177 Pseudotriconotidae:

MYCTOPHIFORMES: // PAXTON & HULLEY

- 178 Neoscopelidae: // MIYASHITA & FUJITA, PAXTON & HULLEY
 179 Myctophidae: UIBLEIN, WIENERROITHER // BRZOBOHATY & NOLF, NIASS & OZAWA, PAXTON & HULLEY

PERCOPSIFORMES:

- 180 Percopsidae:
 181 Aphredoderidae:
 182 Amblyopsidae:

GADIFORMES: // BAILLY ET AL.

- 183 Muraenolepididae:
 184 Bregmacerotidae: HAROLD, OZAWA // HAROLD & JOHNSON, IWAMOTO
 185 Eulichthyidae:
 186 Macrouridae (broad sense): CAILLIET, IWAMOTO, McMILLAN // ANDREWS ET AL., IWAMOTO (2), IWAMOTO & ANDERSON, IWAMOTO & McCOSKER, MERRETT & IWAMOTO, NOLF & GIRONI
 187 Moridae: GOMON, LAST // IWAMOTO, IWAMOTO & COHEN
 188 Melanonidae: // IWAMOTO & COHEN
 189 Gadidae: // IWAMOTO & COHEN
 190 Lotidae:
 191 Phycidae: // IWAMOTO & COHEN
 192 Merlucciidae: GOLANI // IWAMOTO & COHEN

OPHIDIIFORMES: // NIELSEN, NIELSEN ET AL.

- 193 Ophidiidae (incl. Brotulinae, Neobythitinae): NIELSEN, TANG, UIBLEIN // NIELSEN & MERRETT, NIELSEN & SCHWARZHANS, RIVA ROSSI ET AL.
 194 Carapidae: // PAREDES & BALART, PARMENTIER ET AL.
 195 Bythitidae (incl. Brosmophycinae):
 196 Aphyonidae: NIELSEN

BATRACHOIDIFORMES:

- 197 Batrachoididae: COLLETTE, GOSZTONYI // COLLETTE, MENEZES & FIGUEIREDO

LOPHIIFORMES: // ANDERSON & LESLIE

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

GOBIESOCIFORMES:

- 216 Gobiesocidae: BRIGGS, FRICKE, HUTCHINS, WILLIAMS // BREINING & BRITZ, BRIGGS

ATHERINIFORMES: PARENTI // PARENTI

- 217 Atherinidae (Incl. Melanotaeniidae): ALLEN, GOSZTONYI, HORN, KIMURA
 217a Pseudomugiliidae (incl. Telmatherinidae): // ALLEN & RENYAAN
 217b Atherinopsidae: // CRUZ-AGÜERO & PEREZ-GOMEZ (2)
 218 Phallostethidae: // PARENTI

CYPRINODONTIFORMES: // PARENTI

- 219 Aplocheilidae: BURGESS // PARENTI
 219a Rivulidae: AZPELIGUETA
 220 Cyprinodontidae (incl. Fundulidae, Valenciidae): COLLETTE // KOTTELAT & WHEELER
 220a Profundulidae: SCHMITTER-SOTO
 221 Goodeidae:
 222 Poeciliidae: FIGUEIREDO, GARAVELLO, LUCINDA // LUCINDA & GARAVELLO, McDOWALL, PARENTI
 223 Anablepidae: GARAVELLO, LUCINDA, REIS // GHEDOTTI ET AL.

BELONIFORMES: LOVEJOY // LOVEJOY, PARENTI

- 224 Adrianichthyidae: LOVEJOY, SHEN // ALBERT & NARUSE, PARENTI
 225 Scomberesocidae: LOVEJOY
 226 Belonidae: COLLETTE, LOVEJOY // BANFORD ET AL., COLLETTE (2), COLLETTE & BANFORD, LOVEJOY & ARAÚJO, LOVEJOY & COLLETTE
 227 Hemiramphidae: COLLETTE, LOVEJOY // BANFORD & COLLETTE, COLLETTE (2), KOTTELAT & LIM, OTT
 228 Exocoetidae: LOVEJOY

LAMPRIFORMES: LI

- 229 Lampridae: // COLLETTE
 230 Velliferidae:
 231 Lophotidae:
 232 Radiicephalidae:
 233 Trachipteridae:
 234 Regalecidae: // BALART ET AL.
 235 Stylephoridae:
 236 Ateleopodidae:
 237 Mirapinnidae: PAXTON // PAXTON
 238 Megalomycteridae: PAXTON // PAXTON

BERYCIFORMES (incl. Trachichthyiformes): LI // COLGAN ET AL., LYCZKOWSKI-SCHULTZ ET AL.

- 239 Monocentridae: // PAXTON
 240 Trachichthyidae: // PAXTON & MOORE
 241 Anomalopidae: // PAXTON & JOHNSON (2)
 242 Diretmidae: // PAXTON (2)
 243 Anoplogastridae: // PAXTON (2)
 244 Berycidae: // PAXTON (2)
 245 Holocentridae: GOLANI //
 246 Stephanoberycidae: // COLGAN ET AL.
 247 Hispidoberycidae: // PAXTON
 248 Melamphaidae: // MOORE & PAXTON, PAXTON & MOORE
 249 Gibberichthyidae: // PAXTON (2)
 250 Polymixiidae: KIM [B.-J.] // PAXTON (2)

CETOMIMIFORMES: // COLGAN ET AL. // PAXTON

- 251 Rondeletidae: PAXTON // PAXTON
 252 Barbouriidae: PAXTON // PAXTON
 253 Cetomimidae: PAXTON // PAXTON

ZEIFORMES: LI, SANTINI, TYLER, WINTERBOTTOM // TYLER ET AL. (2)

- 254 Parazenidae: // HEEMSTRA
 255 Macrurocyttidae: // HEEMSTRA
 256 Zeidae: // HEEMSTRA
 257 Oreosomatidae: JAMES, MECKLENBURG // QUERO ET AL.
 258 Grammicolepididae: // HEEMSTRA
 259 Caproidae: SANTINI // HEEMSTRA

GASTEROSTEIFORMES: LI, ORR, TYLER

- 260 Hypoptychidae:

261 Gasterosteidae (incl Aulorhynchinae): ANTUNA-MENDIOLA, BUTH, NELSON, ORR // KEIVANY & NELSON
 262 Indostomidae: ORR // BRITZ, BRITZ & KOTTELAT
 263 Pegasidae:

SYNGNATHIFORMES: LI

264 Aulostomidae:
 265 Fistulariidae: // GOLANI
 266 Centriscidae (Incl. Macrophamphosidae):
 267 Solenostomidae: ORR
 268 Syngnathidae: FRICKE, LOUIE, LOURIE // GOMON & NEIRA, KOTTELAT, LOURIE ET AL. (2)

SYNBRANCHIFORMES: BRITZ, LI

269 Synbranchidae: // MEDINA GONZALEZ ET AL.
 270 Mastacembelidae: TEUGELS
 271 Chaudhuriidae: KOTTELAT // KERLE ET AL., KOTTELAT, KULLANDER ET AL.

SCORPAENIFORMES:

272 Scorpaenidae: CAILLIET, McCOSKER, ORR, RANDALL // ORR ET AL., STEPIEN ET AL., YOKLAVICH ET AL.
 273 Caracanthidae:
 274 Aploactinidae:
 275 Pataecidae:
 276 Gnathanacanthidae:
 277 Congiopodidae:
 278 Triglidae (incl. Peristediinae): GOMON, LAST, RICHARDS // RICHARDS, RICHARDS ET AL.
 279 Dactylopteridae:
 280 Platycephalidae:
 281 Bembridae:
 282 Hoplichthyidae:
 283 Anoplopomatidae:
 284 Hexagrammidae:
 Cottoidea:
 285 Normanichthyidae:
 286 Ereuniidae:
 287 Cottidae: LOUIE, MECKLENBURG, MILLER // NELSON, PATZNER ET AL.
 288 Cottocomephoridae:
 289 Comephoridae:
 290 Psychrolutidae: MECKLENBURG, NELSON // JACSKON & NELSON, NELSON
 291 Agonidae:
 292 Cyclopteridae (incl. Liparidae): MECKLENBURG, ORR, VOGT //

PERCIFORMES: // YABUMOTO & UYENO

Hapalogenys: DITTY, IWATSUKI
 Lateolabrax:
 Siniperca:
 293 Centropomidae (incl. Latinae): GILL // LARSON
 294 Ambassidae (Chandidae): ANDERSON [M. E.], BURGESS, NG //
 295 Percichthyidae (incl. Perciliidae): ARRATIA, GOSZTONYI
 296 Acropomatidae: // BUSBY & ORR
 297 Moronidae:
 298 Polyprionidae:
 299 Dinopercidae:
 300 Serranidae (incl. Anthiinae, Epinephelinae, Liopropomatinae, Grammistinae): ANDERSON [W.D.], BARREIROS, COLLETTE, CRAIG, DONALDSON, GIBRAN, HEEMSTRA, SCHMITTER-SOTO // ALLEN & ROBERTSON, ANDERSON, ANDERSON & BALDWIN, CRAIG ET AL., DONALDSON, HEEMSTRA & RANDALL, MASUDA & RANDALL, RANDALL & PYLE, RANDALL & SATAPOOMIN, ROJAS & PEQUEÑO (2)
 301 Symphysanodontidae: // ANDERSON
 302 Centrogeniidae: GILL // GILL (2)
 303 Pseudochromidae (incl. Congrogadinae, etc.): GILL // COLE & GILL, GILL (3), GILL ET AL. (2), WINTERBOTTOM & SANTINI
 304 Grammatidae: // MOOI & GILL
 305 Callanathiidae: // ANDERSON
 306 Plesiopidae: GILL, WILLIAMS
 307 Acanthoclinidae:
 308 Glaucosomatidae:
 309 Terapontidae: // ALLEN & PUSEY
 310 Banjosidae:
 311 Kuhliidae: // RANDALL & RANDALL
 312 Centrarchidae:

313 Elasmobranchidae:
 314 Percidae: BERRA, RIEHL, STEPIEN //
 315 Priacanthidae:
 316 Kurtidae: BERRA
 317 Apogonidae: ALLEN, GON, RANDALL, SHAO // ALLEN, FRASER ET AL., GON (2), GON & RANDALL, RANDALL, RANDALL & FRASER
 318 Epigonidae: // GON (2)
 319 Dinolestidae:
 320 Sillaginidae:
 321 Malacanthidae: ANTUNA-MENDIOLA
 322 Lactariidae: //
 323 Scombroptidae: // HEEMSTRA
 324 Pomatomidae: // COLLETTE (2)
 325 Rachycentridae: // COLLETTE (2)
 326 Echeneidae: // COLLETTE (2)
 327 Carangidae: CARPENTER, YEARSLEY // GONZÁLEZ ACOSTA ET AL., RANDALL & CARLSON
 328 Nematistidae:
 329 Coryphaenidae: // COLLETTE (2)
 330 Menidae: //
 331 Leiognathidae: KIMURA, WOODLAND // KIMURA ET AL., YAMASHITA ET AL.
 332 Bramidae: // LAST & MOTEKI
 333 Caristiidae:
 334 Arripidae:
 335 Emmelichthyidae:
 336 Lutjanidae: BURRIDGE, CARPENTER, LEIS // ANDERSON, ANDERSON & ALLEN
 337 Caesionidae: CARPENTER, LEIS //
 338 Lobotidae (incl. Coiidae): DITTY
 339 Gerreidae: ANTUNA-MENDIOLA, DE LA CRUZ-AGÜERO, GONZALEZ-ACOSTA, IWATSUKI, KIMURA, WOODLAND //
 340 Haemulidae: CARPENTER // IWATSUKI ET AL., RANDALL & JOHNSON
 341 Inermiidae:
 342 Sparidae: CARPENTER, IWATSUKI // CHEN ET AL., CONNELL ET AL.
 343 Centracanthidae:
 344 Lethrinidae: CARPENTER //
 345 Nemipteridae:
 346 Sciaenidae: CASATTI, FUIMAN // FUIMAN ET AL., LASSO-ALCALÁ ET AL., SOARES & CASATTI
 347 Mullidae: GOLANI, KIM [B.-J.] // KIM & AMAOKA
 348 Pempheridae:
 349 Leptobramidae:
 350 Bathyclupeidae: PAXTON
 351 Toxotidae:
 352 Coracinidae:
 353 Kyphosidae (incl. Girellinae, Scorpidinae, Microcanthidae)://
 354 Parascorpididae:
 355 Drepanidae:
 356 Ephippidae: // BURGESS
 357 Monodactylidae: // KOTTELAT
 358 Scatophagidae: GILL // KOTTELAT, TYLER & SORBINI
 359 Chaetodontidae: BURGESS, GILL, NALBANT // BURGESS (2), FERRY-GRAHAM ET AL., PAXTON
 360 Pomacanthidae: BURGESS // BURGESS, RANDALL & CARLSON
 361 Enoplosidae:
 362 Pentacerotidae:
 363 Nandidae: BRITZ
 364 Oplegnathidae:
 365 Cichlidae: BURGESS, FIGUEIREDO, HENDRICKSON, LANDIM, PAEPKE, REIS, SCHINDLER, STAUFFER, UFERMANN, WATANABE // FALK ET AL., HORI & WATANABE, LASSO & MACHADO-ALLISON, STAECK & SCHINDLER, STAUFFER ET AL., STEPHENS & HENDRICKSON, VALTIERRA-VEGA ET AL.
 366 Embiotocidae: BURGESS
 367 Pomacentridae: ALLEN, BURGESS, GILL, TANG // ALLEN, BELLWOOD, RANDALL, RANDALL & EARLE, RANDALL & RANDALL, TANG
 368 Cirrhitidae: BURRIDGE, DONALDSON //
 369 Chironemidae:
 370 Aplodactylidae:
 371 Cheilodactylidae: // BURRIDGE, BURRIDGE & WHITE
 372 Latridae:
 373 Cepolidae:

374 Opistognathidae:
375 Notograptidae: GILL

Mugiloidei: LI
376 Mugilidae: //

Polynemoidei:
377 Polynemidae: MOTOMURA //

Labroidei:
378 Labridae: AZEVEDO, BELLWOOD, DONALDSON, GOMON, RANDALL, RICHARDS, SHAO, WILLIAMS // ALLEN & KUITER, AZEVEDO, BELLWOOD & RANDALL, KAYA ET AL., PARENTI [P.] & RANDALL, RANDALL (2), RANDALL & CORNISH, RANDALL & PARENTI, RANDALL & PYLE
379 Odacidae:
380 Scaridae: BELLWOOD // PARENTI [P.] & RANDALL, RANDALL & MYERS

Zoarcoidei:
381 Bathymasteridae:
382 Zoarcidae: ANDERSON [M.E.] // ANDERSON & BALANOV // MOLLER & ANDERSON
Parabrotulidae:
383 Stichaeidae: HORN, KIMURA, MacDONALD //
384 Cryptacanthodidae:
385 Pholidae:
386 Anarhichadidae:
387 Ptilichthyidae:
388 Zaproridae:
389 Scytalinidae:

Notothenioidei: HUREAU // OZOUF-COSTAZ ET AL. (2)
390 Bovichtidae:
391 Nototheniidae: FUIMAN, GOSZTONYI, LAST // GOSZTONYI & LÓPEZ ARBARELLO, HUREAU ET AL., KOUUBI ET AL., MILLER, OZOUF-COSTAZ ET AL.
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 & RANDALL, COLLETTE & ROBINSON
400 Trachinidae:
401 Uranoscopidae: GOMON // GOMON & JOHNSON
402 Trichonotidae: NELSON, WILLIAMS // NELSON
403 Creediidae: // NELSON
404 Leptoscopidae: // LAST
405 Percophidae (incl. Bembropinae, Hemerocoetinae): // NELSON
406 Pinguipedidae: DONALDSON // McDOWALL

Pholidichthyoidei:
407 Pholidichthyidae: WIRTZ

Blennioidei: STEPIEN, WIRTZ
408 Tripterygiidae: FRICKE, GOSZTONYI, WILLIAMS // FRICKE, WILLIAMS & FRICKE
409 Labrisomidae: WILLIAMS //
410 Clinidae: FRICKE
411 Chaenopsidae: BURGESS, CRAIG, WILLIAMS // TYLER & TYLER
412 Dactyloscopidae: WILLIAMS
413 Blenniidae: ALMEIDA, DITTY, RANGEL, SPRINGER, TYLER, WILLIAMS // ALMADA ET AL., MUSS ET AL., PERDICES ET AL., SPRINGER & FRICKE, SPRINGER & RANDALL

Icosteoidae:
414 Icosteidae:

Callionymoidei:
415 Callionymidae: FRICKE // FRICKE (2)
416 Draconettidae: FRICKE // FRICKE

Schindlerioidei:
417 Schindleriidae: //

Gobioidei: GILL, HAROLD, LARSON, MURDY, WU
418 Rhyacichthyidae:
419 Eleotridae: MURDY // ALLEN & JENKINS, ALLEN ET AL., JENKINS ET AL., LARSON & MURDY
420 Gobiidae: ALLEN, GILL, HAROLD, LARSON, LASSO, LASSO-ALCALÁ, MIHALCESCU, MURDY, STEVENSON, WILLIAMS, WINTERBOTTOM // AHNELT ET AL., ALLEN, CHEN & KOTTELAT, CHEN & SHAO, CHEN ET AL., DILLON & STEPIEN, HAROLD & WINTERBOTTOM, LARSON, LARSON & MURDY, LARSON & VIDTHAYANON, LIN ET AL., MUNDAY ET AL., MURDY & SHIBUKAWA, OTT (2), RANDALL & GREENFIELD, RANDALL & SENOU, RUIZ-COMPOS ET AL., STEVENSON, WINTERBOTTOM (3), WINTERBOTTOM & BURRIDGE
420a Odontobutidae: // KIM ET AL.
421 Kraemeriidae: //
422 Microdesmidae (incl. Ptereleotrinae):
423 Xenisthmidae: GILL // GILL (2)

Acanthuroidei: TYLER // TANG ET AL.
424 Siganidae: WOODLAND //
425 Luvaridae:
426 Zanclidae:
427 Acanthuridae: BURGESS, RANDALL // LEE ET AL., RANDALL & EARL, TYLER (3)

Sphyraenoidei:
428 Sphyraenidae:

Scombroidei:
429 Scombrabrachidae:
430 Gempylidae:
431 Trichiuridae:
432 Xiphiidae:
433 Istiophoridae:
434 Scombridae: CARPENTER, COLLETTE // BECKLEY & LEIS, COLLETTE (2), COLLETTE ET AL., RICHARDS & JENKINS

Stromateoidei:
435 Amarsipidae: // LAST
436 Centrolophidae:
437 Nomeidae: // LAST
438 Ariommatidae: // LAST
439 Tetragonuridae: // LAST
440 Stromateidae: // LAST

Anabantoidei: BRITZ, BURGESS
441 Anabantidae:
442 Belontiidae: KOTTELAT // TAN & NG
443 Helostomatidae:
444 Osphronemidae: TAN

Luciocephaloidei:
445 Luciocephalidae:

Channoidei:
446 Channidae: BRITZ // KOTTELAT

PLEURONECTIFORMES: MUNROE, ORR, RANGEL, SAKAMOTO
447 Psettodidae:
448 Citharidae:
449 Scopthalmidae:
450 Paralichthyidae: MUNROE // GAWLICKA ET AL.
451 Bothidae: // AMAOKA & LARSON
452 Achirosettidae: GUIBORD
453 Pleuronectidae (incl. Rhombosoleidae, Samaridae): GUIBORD, JAMES // HOSHINO ET AL., ORR & MATARESE, STEPIEN
454 Achiridae:
455 Soleidae: HEEMSTRA, MUNROE // DESOUTTER ET AL., MONROE (2)
456 Cynoglossidae: MUNROE // MONROE (2), MONROE & McCOSKER, MUNROE ET AL. (2)

TETRAODONTIFORMES: SANTINI, TYLER, WINTERBOTTOM // KOTTELAT
457 Triacanthodidae: MATSUURA, SANTINI // MATSUURA

458 Triacanthidae: SANTINI // BACIU & TYLER, MATSUURA, TYLER & WINTERBOTTOM
459 Balistidae: GILL // MATSUURA
460 Monacanthidae (incl. Aracanidae): TYLER // GILL & HUTCHINS, MATSUURA
461 Ostraciidae: // MATSUURA
462 Triodontidae: // MATSUURA
463 Tetraodontidae: AZEVEDO, MATSUURA // KOTTELAT, MATSUURA, TAN
464 Diodontidae: // LEIS (2)
465 Molidae: // BALART ET AL.

SARCOPTERYGII: SCHULTZE

COELACANTHIFORMES:

466 Latimeriidae: ALBERT // FROESE & PALOMARES

CERATODONTIFORMES:

467 Ceratodontidae:

LEPIDOSIRENIFORMES:

468 Lepidosirenidae: ARRATIA



NEW PUBLICATION

THE AUSTRALIAN SEAFOOD USERS MANUAL - MAKING THE MOST OF THE WORLD'S BEST (Yearsley, Onley & Brown, 2000) is an innovative new publication, produced by the Department of Primary Industries Queensland (DPI) with funding from the Fisheries Research and Development Corporation (FRDC). It is designed to take the confusion out of buying and preparing seafood, profiling more than 60 species of Australian finfish and shellfish. The manual is extremely user-friendly and includes full colour photographs of seafood species, fillets and recipes. It features eight chapters (365 pages), encompassing species profiles (enabling identification), buying, quality and safety, storage, preparation, cooking, recipes and marketing. Available from Seafood Services Australia (<http://www.ssaust.com> or austinb@dpi.qld.gov.au).

ICHTHYOLOGY: RECENT RESEARCH ADVANCES. 1999. D.N. Saksena (ed.). This volume, a combined effort of many investigators, provides a comprehensive survey of the biology of fishes. It also includes recent studies in environmental changes affecting fishes. Science Publishers, Inc., PO Box 699, Enfield, NH, 03748 USA. <http://www.scipub.net>. ISBN 1-57808-053-3; 452 PP; \$99.50/£65.00.

MICRONESIAN REEF FISHES. A comprehensive guide to the coral reef fishes of Micronesia. This all new expanded edition is a complete rewrite of the original with about 1,000 new photos: 522 pp., 1559 photos covering all 1,300 coral reef species (0-60m), appendix listing all 1,680 spp. of shorefishes (includes secondary freshwater, estuarine, deep reef (below 60 m), and epipelagic species) known from the region (hardcover). An abridged edition with text rewritten for easier use by non-ichthyologists is also available: Micronesian Reef

Fishes: a field guide for divers and aquarists: 408 pp., 1559 photos covering 1192 spp. with text limited to the species featured in color (softcover). Both editions share the same color section. Comprehensive edition (hardcover) \$74.95; Field Guide (softcover) \$49.95; set of both \$109.95. Postage/handling: U.S., Palau, FSM, Marshalls: Priority (air): \$4.00/book; W. Europe, most of Pacific Rim: Priority (air): \$10.00/book; surface \$6.00/book; everywhere else: air \$20.00/book; surface \$6.00/book. CORAL GRAPHICS, 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.

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

PAEPKE, H.-J. 1999. BLOCH'S FISH COLLECTION IN THE MUSEUM FÜR NATURKUNDE DER HUMBOLDT-UNIVERSITÄT ZU BERLIN - AN ILLUSTRATED CATALOG AND HISTORICAL ACCOUNT. Theses Zoologicae vol. 32, 216 pp., 32 plates. A.R.G. Gantner Verlag K.G. Ruggell / Lichtenstein. Distributed by Koeltz Scientific Books, P. O. Box 1360, D-61453 Königstein / Germany. Phone: +49-6174-93720, Fax: +49-6174-937240, E-mail: koeltz@t-online.de, Internet: <http://www.koeltz.com>, ISBN 3-904144-16-2, price: 30.- US-Dollar.

GENERAL ANNOUNCEMENTS

AUSTRALIAN FISHERIES RESOURCES. The most accurate and comprehensive account of Australian fisheries ever published. Detailed information on more than 300 species of marine and freshwater fish and shellfish, plus info. on aquatic environments and fishing methods in Oz. "The Fisherman's Bible". 432 pp, 255 maps, 232 photos, 374 technical drawings. Etc. Etc. Measures 250x328 mm, weighs 2.7 kg. Price including postage: A\$ 75 to USA, Mexico, Arabian countries; A\$81 to Europe, South Africa, U.K., South America; A\$69 to Asia and Pacific; A\$63 to New Zealand. Orders to P. Kailola, 19 Walkers Ave., Newnham, Tas. 7248, Australia. Fax: 61 3) 6326 6958; tel. 61 3)6326 6948; email: pkailola@compuserve.com. International cheque (you pay fees), Visa or Mastercard.

BIOGEOGRAPHY SPREADSHEET FOR INDO-PACIFIC SHORE-FISHES. I am currently creating a biogeographic table of shorefish distributions for the Indo-Pacific on an Excel spreadsheet. The purpose of the spreadsheet is to compare biodiversity across regions and aid in producing detailed species distribution maps. It includes all species of shorefishes that occur down to 200 m, including freshwater gobioids as well as deeper-dwelling species within certain families that include shorefishes (e.g. many eels, dragonets, scorpaeniformes). It is based primarily on published checklists, taxonomic revisions and periodic reviews of key journals, but also utilizes much unpublished information from other verifiable 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

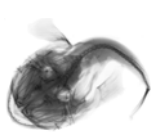
time, I ask past and future collaborators to please bear with me and I will eventually get back to you. Since it now occupies nearly 100 pages of near-microscopic text, I rarely print it and prefer to share it or portions of it as an electronic file. Robert F. Myers, P.O. Box 21153, GMF, Guam 96921 USA; ph.: (671) 734-1092 call first to fax from ca. 1300-2200 GMT); E-mail: rmyers@netpci.com.

THE BÖHLKE FUND provides support for graduate students to work with the Ichthyology collection and library at the Academy of Natural Sciences, Philadelphia. The fund awards money for travel to Philadelphia and for modest living accommodations available at the Academy. Award amounts are generally less than \$500. To apply for 2001 send a letter of application outlining proposed research and tentative budget to Dr. John Lundberg or Dr. Dominique Dagit, Academy of Natural Sciences, 1900 Benjamin Franklin Parkway, Philadelphia, PA 19103, USA. Deadline for applications is April 1, 2001.

BOOK REVIEWS. If you have authored a fish book or want to call attention to a specific title, please have a review copy of the book sent to: Dr. William D. Anderson, Jr. Ichthyological Book Review Editor, Copeia, Grice Marine Lab, 205 Fort Johnson, Charleston, SC 29412.

CALIFORNIA ACADEMY OF SCIENCES—DIGITAL IMAGES OF PRIMARY TYPE SPECIMENS. The Dept. of Ichthyology is nearing completion of an NSF grant to provide digital images of all primary type specimens in our ichthyological collection. We currently have photographic images (lateral and dorsal or ventral views) of more than 1,000 species and digital radiographic images of more than 960 species. In addition, original figures of type specimens taken from the literature have been scanned in for 290 species. Low-resolution

images of the species so far completed will be available at the Academy's website and linked to the Ichthyology Department's homepage. High-resolution images are available by request through the Internet or on a CD. Work will continue to fully develop the website over the next few months. We plan to have these images linked to our collection catalog at a later stage. We anticipate having images available for all of our primary type specimens before May 2001. Subsequently, images of secondary types and non-types will be made available on the website as time and needs arise.



CATALOG OF FISHES at a discount. We have more than "broken even" on sales of the Catalog of Fishes, CAS special publication, 1998. With the eventual closure for rebuilding of the Academy and a desire to produce a new printed version of the "Catalog of Fishes" in 2-3 years, we are making the following offer to ichthyology students. You may purchase the complete set and CD for \$50.00 (plus \$5 domestic postage, \$25 foreign surface postage) if you are a student or recent graduate (2-3 years) in ichthyology [honor system, one set per student]. Contact mhoang@calacademy.org.

CHANGE IN SUPPLIER OF PRINTER RIBBONS WITH NON-BLEEDING INK. The Maryland company that has been providing ethanol resistant inked printer ribbons to the museum community has undergone a change. The division doing the re-inking of ribbons is now a separate company. Mr. Minh of Access Computer Printer Products, Inc., phone 301-731-4407, Fax 301-731-4046, is handling all orders for ribbons with the non-bleeding ink. Mr. Minh, an engineer by training, is anxious to continue supplying ethanol-resistant inked printer ribbons to the museum community. Please contact him directly if you have questions or to obtain pricing information. ACP, 9700-AA Martin Luther King Jr. Hwy, Lanham, MD 20706. Email address: acpp@erols.com

THE DEPARTMENT OF ICHTHYOLOGY AT THE ACADEMY OF NATURAL SCIENCES. Philadelphia, has increased its staff during the last year. For information regarding collections, loans and visits contact any of the following persons: John Lundberg, Curator (tel. 215 405-5069; Email: lundberg@acnatsci.org); Dominique Didier Dagit, Associate Curator (tel. 215 - 299-1152; Email: dagit@acnatsci.org); Mark Sabaj, Collection Manager (tel. 215 299-1026; Email: sabaj@acnatsci.org); Mike Littmann, Research and Collections Associate (tel. 215 299-1123; Email: littmann@acnatsci.org); our searchable collections database: <http://erato.acnatsci.org/cgi-bin/php/main?fish.php> and our web site: <http://www.acnatsci.org/biodiv/ichthyology/about.html>

FISHBASE. Since August 2000 FishBase covers information on over 25,000 species, accessible on CD-ROM or on the web at www.fishbase.org. A number of colleagues have volunteered to update the families of their expertise, which can be done online. If you are interested to participate in this effort to provide a high-quality public domain information system on fish, please contact Rainer Froese (r.froese@sp2000.org). FishBase also provides access to museum collections as well as fishery surveys through one standardized interface (www.fishbase.org/SearchFishCollections.cfm). If your institution wants to join this global effort, again please contact Rainer Froese.

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

FISHES OF AUSTRALIA. The Australian taxonomic fish community is currently examining logistic parameters associated with the production of a comprehensive illustrated guide to the fishes of Australia. International colleagues will be approached for collaborative participation for those groups where taxonomic problems remain and in

which local researchers are not involved. At this stage, few decisions have been made apart from the general format for this somewhat lengthy project. Please address inquiries to Martin Gomon or Peter Last (mgomon@museum.vic.gov.au; peter.last@marine.csiro.au).

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 ASIH. The award for year 2000 was presented to Dr. James C. Tyler, Senior Scientist, National Museum of Natural History, Smithsonian Institution, for his outstanding contributions on plectognath fishes, as well as his papers on several other groups of fishes, both recent and fossil. Nominations may be made by any ichthyologists, 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 March 1, 2001, in order 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 Dr. Maureen A. Donnelly, Department of Biological Sciences, Florida International University, 3000 NE 151st Street, North Miami, FL 33181-3000.

INTERNATIONAL CODE OF ZOOLOGICAL NOMENCLATURE. The new, fourth edition of the ICZN, published in 1999 and in effect since 1 January 2000 is available for purchase through the American Association for Zoological Nomenclature. List price is \$65.00, but students and/or members of any scientific society are entitled to a 25 % discount, or \$48.00. Institutions or agencies purchasing five or more copies are also entitled to a 25% discount. Individual members of AAZN get a 40% discount. These prices include shipping by surface book rate. Priority mail (USA) or air mail (Canada) is \$3.00 extra. To purchase a copy, send a check for the proper amount, payable to AAZN, to David G. Smith, Treasurer AAZN, MRC-159, National Museum of Natural History, Washington, DC 20560-0159. Please note that AAZN does not accept credit cards. Those wishing to use credit cards and those residing outside North America are encouraged to purchase directly from the Trust in London (email: iczn@nhm.ac.uk).

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 is 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. Mar. Research, Hobart, Australia 7000. (Alastair.Graham@marine.csiro.au).

THE LARVAE OF INDO-PACIFIC COASTAL FISHES: An Identification Guide to Marine Fish Larvae. Edited by Jeffrey M. Leis & Brooke M. Carson-Ewart was published by Brill in May 2000 This second volume in the Fauna Malesiana book series gives an extensive overview of the larval development of 125 families of fishes, many of them of importance for both fishery and from ecological perspectives. The families that are described originate from the center of global marine biodiversity: the tropical Indo-Pacific Oceans, a region rich with coral reefs, as well as mangrove, estuarine, and coastal shelf habitats. The identification guide not only documents the ontogeny of these fishes but also provides the means to identify these extraordinarily diverse larvae to the level of family. The book offers a wealth of instructive and detailed figures and illustrations (219 plates, each consisting of approximately 4 figures) for enabling the identification of these families and their larval specializations. Price DLG 425.32/ US\$ 237. Due to exchange-rate fluctuations, the DLG price is considerable cheaper than the US\$ price. If you order from EJ Brill (www.Brill.nl),

and specify a non-USA delivery address, you can access the DLG price. Also available from Amazon and Barnes and Noble. At this writing, B&N have it for US\$ 175. (Jeffrey Leis)

DR. MONDO, THEODORE. The Laboratory of Ichthyology of the Museum national d'histoire naturelle, Paris, is very sad to announce the death of Professor Theodore Monod, Member of the Academy of Sciences, Honorary Professor in the MNHN and previous Director of our Laboratory. Theodore Monod passed away on November 22 at the age of 98. One of the last "voyageur-naturaliste" disappeared. We are all very sad to lose our scientific guide. (Jean-Claude Hureau)

MOSS LANDING MARINE LABORATORIES, Moss Landing, California. 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 or coelacanth otolith material. In addition, we continue to be interested in submersible or ROV studies of deep-water habitats and their fish assemblages. (Gregoir Cailliet)

MOVE OF COLLECTIONS IN THE NATURAL HISTORY MUSEUM, LONDON. The fish collection in The Natural History Museum (formerly British Museum (Natural History)) will be moved into a new Zoology Department building. The new building, which is currently under construction adjacent to the current Spirit Building, is due to be completed by the end of 2000; the collections will be moved over the first six or so months of 2001. Visitor and loan access to the fish collection during the move will be very difficult, and researchers wishing to make use of the collections should therefore plan appropriately. For further details, contact: Oliver Crimmen, Department of Zoology, The Natural History Museum, Cromwell Road, London SW7 5BD, U.K. Tel. 44 (0)20 7942 5753; fax 44 (0)20 7942 5433; e-mail: oac@nhm.ac.uk

MUSEUM OF SOUTHWESTERN BIOLOGY (MSB), DIVISION OF FISHES (Univ. of New Mexico), has been awarded a two-year collections improvement grant (\$172,077) from the National Science Foundation. This grant provides funding for the purchase of equipment, such as stainless steel specimen tanks and skeleton boxes. Also supported by the grant are two half-time staff positions and the services of a professional moving company for relocation of the collection to a new facility. The MSB Division of Fishes is a repository for collections of southwestern U.S. fishes and is an important resource for various studies in desert fish ecology. However, for the last five years 30% of the collection has been inaccessible (i.e., stored in boxes) due to lack of shelving space. When the collection is moved in January 2001, the jars of eggs, larvae, and adults will be stored on Spacesaver® compactor units. This shelving system will allow for a 20-year growth span, including acquisitions of orphaned (regional) collections. The collection will be maintained in a dark, 16 C degree room with 4-hour firewalls and sprinklers. The new facility will also provide state-of-the-art research, visitor, and specimen preparation areas thereby improving access and use of the collection. (Alexandra Snyder, e-mail amsnyder@unm.edu)

MUSEUM VICTORIA announces the public opening of its recently completed Melbourne Museum campus, housing Museum Victoria's research and collections departments. Situated on the edge of Melbourne's central business district, the facility features upgraded collection storage areas and modern research laboratories, together with its greatly expanded exhibition spaces. The Museum Victoria fish collection, focusing primarily on species living in marine and fresh waters of southeastern Australia, comprises approximately 35,000 lots and more than 200,000 specimens. In addition to local material, it contains significant historical collections that have featured in publications by McCoy, Castelnau, Bleeker, McCulloch, Günther and others. See: <http://amol.org.au/collection/hostedwebs/fish/index.html> for further details about collections in Museum Victoria and museums throughout Australia. Inquiries about the Museum Victoria fish collection may be directed to Martin F. Gomon, 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 MGomon@museum.vic.gov.au

NMNZ FISH COLLECTION MOVED, BUT STILL CLOSED. The National Fish Collection held by the Museum of New Zealand Te Papa Tongarewa was moved successfully in May 2000 to new premises at 169 Tory Street, Wellington. Due to a number of problems, the

collection is not yet operational. We anticipate that the collection will be accessible for visits and loans in early 2001. Meantime please accept our apologies for delays in responses to enquiries and other requests. (Clive Roberts)

OPPORTUNITIES. Great Lakes Environmental Genetics Laboratory at the Cleveland State University relocated the lab in summer 2000 to improved facilities and greater opportunity. It has funding (stipend, tuition, medical) available for an additional excellent Ph.D. student to work on the Percidae. The Director is looking for a postdoctoral researcher to work on the Blennioidei. (Carol A. Stepien)

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. Tel: +1 (514) 398 5112, Fax: +1 (514) 398 5069, Email: slouri@po-box.mcgill.ca for more information.

THE RAFFLES MUSEUM OF BIODIVERSITY RESEARCH (RMBR) at the National University of Singapore (NUS), has extensive collections of freshwater fish and other fauna from Southeast Asia, with main emphasis on Peninsular Malaysia. Its main function until now has been for research and reference collection. From the second quarter of 2001, there will be an exhibition gallery open for the public, situated next to the museum. More information can be obtained from the RMBR website at rmbn.nus.edu.sg

DR. RAMA RAO, KAZA V. It is with sadness that we report that we received an email from Kaza's daughter Merra notifying us that he died on 17 October 2000 from a heart attack. He had visited the California Academy of Sciences, and we worked together on several papers on scorpionfishes. Before his retirement, he worked for the Zoological Survey of India, in Hillpatna, Berhampur. Our regrets go out to his family. (Bill Eschmeyer)

REQUEST FOR PICTURES OF EASTERN PACIFIC FISHES. We are preparing a compact disc on marine fishes of Baja California Sur, Mexico (Gulf of California and northwest coast of Mexico, a CD-updated version of the book "Catálogo de los Peces Marinos de Baja California Sur" ISBN 970-18-0338-8, copies yet available) and any picture (slides & prints) of these fishes will be welcomed. Authorization for use of published materials also will be greatly appreciated. The original materials received will be returned to contributors, credits and a legal copy of the finished work (Spanish/English) will be given to the authors of the pictures included. José De La Cruz Agüero.CICIMAR-IPN Apdo. Postal 592. La Paz, Baja California Sur, Mexico. E-mail: jrcruz@reipn.ipn.mx

REQUEST FOR RECENT COMPARATIVE MATERIAL. In the course of study on Recent dasytid and urolophid dental morphologies, I should be very grateful to colleagues who could provide me with jaws of North American Atlantic species (*Dasyatis centroura*, *D. americana*, *D. guttata*, *D. say*, *D. sabina*,) as well as jaws of the genera *Plesiobatis*, *Hexatrygon* and *Urogymnus*. (Henri Cappetta)

RETIREMENT. Dr. Han Nijssen, Curator of Fishes, Department of Ichthyology of the University of Amsterdam will retire this fall. - Due to the postponement of the supposed three-yearly Congress in 2000 of European Ichthyologists in Belgium, it was not possible to say farewell personally to most of you. - The Department of Ichthyology is dissolved into the 'Section of Vertebrates', without a vertebrate curator. All reprints sent to Han Nijssen during 4 decades are deposited in the library of the Zoological Museum. The books will be sold in the near future.

RETIREMENT IN 2001. Dr. Jean-Claude Hureau will retire on 31st August 2001. In due time, he will send to everybody his new e-mail address (at home), personal address and phone number. He intends to remain in close contact with the ichthyologists and the "Polar world" during several years, but he will not continue to have a seat in the MNHN. For the curation of the Fish collection in Paris after 31st August 2001, the contacts will be only Guy Duhamel, Patrice Pruvost and Martine Desoutter.

SMITHSONIAN FISH HISTORY WEBSITE. The Division of Fishes of the National Museum of Natural History has prepared a website describing the first 50 years of ichthyology at the Smithsonian Institution. The period began with the arrival of Spencer F. Baird as

Assistant Secretary in 1850 and saw the establishment and development of ichthyology at the Smithsonian. The site includes short biographies of the ichthyologists associated with the Smithsonian during that period: Charles Girard, Theodore Gill, G. Brown Goode, Tarleton H. Bean, and David Starr Jordan. Also included are the exploring expeditions that contributed to the early growth of the collection, the establishment of the U. S. Fish Commission, important publications, and public exhibitions. The site was prepared by D. G. Smith and I. A. Bowman in observation of the 150th anniversary of Baird's arrival. See: <http://www.mnh.si.edu/vert/fishes/baird/>

A SYMPOSIUM ON THE "BIODIVERSITY OF TROPICAL AND TEMPERATE REEFS OF THE INDO-PACIFIC REGION" will be held at the 10th Pacific Science Inter-Congress on Guam (June 1-6, 2001). For more information, contact: Dr. Terry J. Donaldson, International Marinelife Alliance, University of Guam Marine Lab., UOG Station, Mangilao, Guam 96923 USA (email: donaldsn@uog9.uog.edu).

TAXOMANIA is a database application intended for scientists, students or simply amateurs who are interested in taxonomy. Its modular structure allows to undertake projects of very different sizes and scopes. Initially developed for the Natural History Museum in Brussels (Belgium) for a large specimen collection, the application operates in English or French in the MS Windows environment (95/98/ME/2000). The same database can be used simultaneously by several users on a local area network. The main modules are:

- TAXA, a taxonomic approach based on a flexible tree structure, allowing for synonym management;
- SPECIMENS, with a comprehensive set of data with regard to specimen reference, collection and storage;
- LOCALITIES and PEOPLE (authors, collectors, determinators, publishers etc. referenced in other modules);

- DOCUMENTATION and BIBLIOGRAPHY associated with taxa, allowing to include texts, pictures, Internet pages, video and audio documents etc.;

- MAPS, to draw on geographic maps locations of specimens or taxa observations;

- LOANS of specimens;

- REPORTS, a report / label generator.

Taxomania uses a Microsoft Access compatible database structure, which would eventually allow to transfer data to newer applications, safeguarding the data asset in the long term. Information and demo version can be obtained from info@dataneat.org, or by visiting <http://www.dataneat.org>

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

ZUPANCIC, PRIMOZ (address under synopsis): (1) Announces that his private collection of fishes (ca 3000 specimens) is for sale. The collection comprises all endemic species (including type series of recently discovered species) inhabiting Western Balkans (Slovenija, Croatia, Bosnia & Herecegovina, Monte Negro, Macedonia=FYROM-Adriatic basin). Catalogue and details available on request. (2) wants to buy the following publications: Cooper L.E. 1983: Fishes of Pennsylvania; Gerking S.D.1945: The distribution of the fishes of Indiana; Minckley W.L. 1973: Fishes of Arizona; Kemp R.H. jr. 1971: Freshwater fishes of Texas; Hankinson T.L. 1929: Fishes of North Dakota; Symington D.F.1959: The fish of Saskatchewan; Davis R.M. 1974: Key to the freshwater fishes of Maryland; Dahlberg M.D.& D.C. Scott 1971: The freshwater fishes of Georgia.



E-mail Addresses

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.

Abreu, Tatiana X., tatixando@hotmail.com
Acero P., Auturo, aacero@u.arizona.edu
Aquilar-Perera, Alfonso, aaguilar@xaway.ciqro.conacyt.mx
Ahlander, Erik, erik.ahlander@nrm.se
Ahnelt, Harald, ahnelt@zoo.univie.ac.at
Akama, Alberto, aakama@ib.usp.br
Al-Hassan, L.A.J., zainab@ihug.co.nz
Albert, James, albert@filmh.ufl.edu
Alexander, Rachel, alxrac01@uctvms.uct.ac.za
Alfonso, Noel, nalfonso@mus-nature.ca
Allen, Christine S., univprod@aol.com
Allen, Gerald R., tropical_reef@bigpond.com
Almeida, A.J., aalmeida@fc.uil.pt
Amaoka, Kunio, amaoka@pop.fish.hokudai.ac.jp
Anderson, M. Eric, e.anderson@ru.ac.za
Anderson, R. Charles, anderson@dhivehinet.net.mv
Anderson, William D., Jr., andersonwd@cofc.edu
Andriashev, Anatoly P., aa@zisp.spb.su
Antuna-Mendiola, A., antuna@hotmail.com
Aquino, Adriana A., aquino@amnh.org
Armbruster, Jon, jona@denr1.igis.uiuc.edu
Arratia, Gloria, gloria.arratia@rz.hu-berlin.de
h0662mv@rz.hu-berlin.de
Azevedo, Jose M.N., azevedo@notes.uac.pt
Azpelicueta, M., azpeli@netverk.com.ar
Balart, Eduardo F., ebalart@cibnor.mx
Baldwin, Carole, mnhvz006@sivm.si.edu
Balma, Giovanni A.C., giovanni.balma@pmn.it
Banford, Heidi M., hb2@axe.humboldt.edu
Barbieri, Luis, luis@ches.cs.vims.edu
Barbosa, Maria A.S., anaais@acd.ufjf.br
Barreiros, Joao Pedro, jpedro@angra.uac.pt
Barrull, Joan, jbarrull@pie.xtec.es
Bart, Henry L. Jr., hank@museum.tulane.edu
Beach, James H., beach@violet.berkeley.edu
Beckley, Lynnath E., seaworld@neptune.lia.co.za
Beheregaray, Luciano B., lbehereg@ma.bio.mq.edu.au
Behnke, Robert J., fwb@cnr.colostate.edu
Bellwood, David R., david.bellwood@jcu.edu.au
Beltran-Leon, Beatriz S., inpa@col2.telecom.com.co
Bemis, William E., web@bio.umass.edu
Ben-Tuvia, Adam, bentuvia@shum.cc.huji.ac.il
Benine, Ricardo C., rbenine@netsitemail.com.br
Berra, Tim M., berra.1@osu.edu
Bertaco, Vinicius, ubertaco@puhrs.br
Berra, Tim M., berra.1@osu.edu
Bestor, Claudia, cjbest@ccit.arizona.edu
Bianco, Pier G., gibianco@cds.unina.it
Bockmann, Flavio A., fabockmann@ffclrp.usp.br
Böhlke, Eugenia B., bohlke@acnatsci.org
Bor, Taco J., tjbor@doge.nl
Borden, Cal, calb@rom.on.ca
Bornbusch, Alan H., ahbornbusch@amherst.edu
Bradbury, Margaret G., bradbury@mml.calstate.edu
Briggs, John C., jbriggs@arches.uga.edu
Brittan, M.R., brittanmr@csus.edu
Britto, Marcelo R., mrbritto@ib.usp.br
Britz, Ralf, ralf.britz@uni-tuebingen.de
Brogan, Michael W., mbrogan@fish.washington.edu
Broughton, Jack, broughtn@u.washington.edu
Brown, Barbara, bbrown@amnh.org
Bruner, John C., jbruner@gpu.srv.ualberta.ca
Brzobohaty, R., rosta@sci.muni.cz
Buckup, Paulo A., buckup@acd.ufjf.br
Burgess, George, gburgess@filmh.ufl.edu
Burgess, Warren, burgwl@aol.com
Burr, Brooks M., burr@zoology.siu.edu
Burridge, Christopher, c-burridge@tamu.edu
Busby, Morgan S., mbusby@afsc.noaa.gov
Bussing, W.A., wbussing@cariari.ucr.ac.cr
Buth, Donald G., dbuth@ucla.edu
Cailliet, Gregor M., cailliet@mml.calstate.edu
Campos-Da-Paz, Ricardo, rcpaz@acd.ufjf.br
Cappetta, Henri, cappetta@isem.univ-montp2.fr
Cardoso, Alexandre, alexrc@puhrs.br
Carpenter, Kent E., kcarpent@odu.edu
Carvalho, Marcelo R. de, marcelo@amnh.org
Casatti, Lilian, lcasatti@usp.br
Cassano, Vicente P.F., vcassano@aap.hup.ucla.edu
Castro, Ricardo M.C., rmcastro@ffclrp.usp.br
Castro-Aguirre, J. L., jlcastroaguire@hotmail.com
Catania, David, dcatania@cas.calacademy.org
Cavalcanti, Mauro J., maurobio@uerj.br
Cavalluzzi, Martin R., martin@vims.edu
Chang, Fonchii, fonchii@musm.edu.pe
Chao Ning, Labbish, hartel@mcz.harvard.edu
Chapleau, Francois, chapf@acadvm1.uottawa.ca
Chen, Wei-Jen, wjchen@cimrs1.mnhn.fr
Chen, Xiao-Yong, chenxy@mail.kiz.ac.cn
Chernoff, Barry, bchernoff@fmnh.org
Clayton, Jeff, claytonj@nmnh.si.edu
Coad, Brian W., bcoad@mus-nature.ca
Cohen, Daniel M., acohen@neteze.com
Collette, Bruce B., collette.bruce@nmnh.si.edu
Compagno, Leonard J.V., alxrac01@uctvax.uct.ac.za
Cooper, J. Andrew, cooper.andrew@nmnh.si.edu
Costa, Wilson J.E.M., wcosta@acd.ufjf.br
Cox-Fernandes, Cristina, cristina@bio.umass.edu
Craig, Matthew T., mrcraig@ucsd.edu
Dagit, Dominique Didier, dagit@say.acnatsci.org
Das, Mrinal K., mdas@gpu.srv.ualberta.ca
de Figueiredo, Carlos A., carlosaf@acd.ufjf.br
De la Cruz-Aguero, J., jcruz@redipn.ipn.mx
deGravelle, Martin J., mdegr001@odu.edu
del Cerro, Lluis, lluisdc@icm.csic.es
Delling, Bo, bo-delling@nrm.se
Derijst, Eddy, eddyderijst.systichthys@belgacom.net
Deynat, Pascal P., seret@cimrs1.mnhn.fr
Ditty, Jim, Jim.Ditty@NOAA.gov
Doi, Atsushi, a_doi@ecology.kyoto-u.ac.jp
Donaldson, Terry J., donaldsn@uo9.uog.edu
Downing-Meisner, Amy L., adowning@gwis2.circ.gwu.edu
Duhamel, Guy, duhamel@cimrs1.mnhn.fr
Dunn, Jean R., jrdunn@fish.washington.edu
Dyer, Brian S., bdyer@udelmar.cl
Eakin, Richard R., reakin@mailbox.une.edu
Eberl, Wolfgang, 101325.240@compuserve.com
Economidis, Panos S., psecon@bio.auth.gr
Elvira, Benigno, belvira@eucmax.sim.ucm.es
Endo, Hiromitsu, endo@cc.kochi-u.ac.jp
Eschmeyer, William N., weschmeyer@calacademy.org
Escobar, Julio C., jescobar@biologia.univalle.edu.co
Espinosa-Perez, Hector, hector@servidor.unam.mx
Fang, Fang, fang.fang@nrm.se
Favorito-Amorim, Sandra, favorito@ib.usp.br
Fedorov, Vladimir V., fed@zisp.spb.su
Fernandez M., Carlos E., pisces.neo@mailcity.com
Fernholm, Bo, bo.fernholm@nrm.se
Ferraris, Carl J., cferraris@email.msn.com
Ferry, Lara, lferry@darwin.bio.uci.edu
Fierstine, Harry L., hfiersti@oboe.aix.calpoly.edu
Figueiredo, Carlos, A., carlosaf@ib.usp.br
Fink, William L., wfink@umich.edu
Floeter, Sergio R., floeter@npd.ufes.br
Flynn, Randall E., pp000189@interramp.com
Fricke, Ronald, ronfricke@compuserve.com

Friel, John P., jpf19@cornell.edu
 Froese, Rainer, r.froese@cgiar.org
 Fuiman, Lee, lee@utmsi.utexas.edu
 Fujii, Ryouji, nono@fish.hokudai.ac.jp
 Gallo-da-Silva, Valeria, gallo@uerj.br
 Garavello, Julio C., garavello@power.ufscar.br
 Gasparini, Joao L., gaspa.vix@zaz.com.br
 Geerts, M., mgeerts@plex.nl
 Gemballa, Sven, sven.gemballa@uni-tuebingen.de
 Getahun, Abebe, abeg@amnh.org (till mid 1999)
 Ghazzi, Miriam S., ghazzi@ib.usp.br
 Ghedotti, Michael J., mgheadot@kuhub.cc.ukans.edu
 Gibbons, Ruth, gibbonsr@nmnh.si.edu
 Gibran, Fernando Z., fergibran@hotmail.com
 Gill, Anthony C., tg@nhm.ac.uk
 Golani, Daniel, dgolani@cc.huji.ac.il
 Goldsmith, Naomi, nomig@bgumail.bgu.ac.il
 Gomes, Jose, jgomes@ucsd.edu
 Gomes, Ulisses L., ulisses@vmesa.uerj.br
 Gomon, Janet, gomon.janet@nmnh.si.edu
 Gomon, Martin F., mgomon@museum.vic.gov.au
 Gon, Ofer, o.gon@ru.ac.za
 Gonzalez-Acosta, Adrian F., aacosta@redipn.ipn.mx
 Goren, Menachem, mg9389@ccsg.tau.ac.il
 Gosztonyi, Atila E., goszto@cenpat.edu.ar
 Greenfield, David W., dwg@zoology.hawaii.edu
 Grose, Michael J., mjg@falcon.cc.ukans.edu
 Grove, Jack S., jsgimages@aol.com
 Guazzelli, Gizelani M., guazzelli@ib.usp.br
 Ghazzi, Miriam S., ghazzi@music.pucrs.br
 Guibord, Annie-Chantal, aguibord@science.uottawa.ca
 Guimaraes, Ricardo, Z.P., ricardo@biologia.ufjf.br
 Gutman, Christopher, CGfishboy@aol.com
 Hagedorn, Mary, n2pah008@sivm.si.edu
 Hahn, Lisiane, lhahn@pucrs.br
 Harris, Phillip, harrisp@ucs.orst.edu
 Harrison Ian J., harrison@amnh.org
 Harold, Antony, harolda@cofc.edu
 Hartel, Karsten E., khartel@oeb.harvard.edu
 Hastings, Phil, pahastings@ucsd.edu
 Heemstra, Phillip C., p.heemstra@ru.ac.za
 Heiser, John B., jbh7@cornell.edu
 Hendrickson, Dean A., deanhend@mail.utexas.edu
 Hensley, Dannie A., d_hensley@rumac.upr.clu.edu
 Hieronimus, Harro, ichthyology@hieronimus.de
 Holcroft, Nancy I., sephirth@ukans.edu
 Hole, Jr., Robert, rhole@interaktv.com
 Horn, Michael H., mhom@exchange.fullerton.edu
 Howe, Jeffrey C., jhowe@acesag.auburn.edu
 Hrbek, Tomas, hrbek@biodec.wustl.edu
 Hughes, Kirk, kmhughes@artedi.fish.washington.edu
 Huntley, Rob, rob@pinetree.org
 Hureau, Jean-Claude, hureau@cimrs1.mnhn.fr
 Hutchins, Barry, barry.hutchins@museum.wa.gov.au
 Ikeya, Kouki, humz@fish.hokudai.ac.jp
 Imamura, Hisashi, humz@fish.hokudai.ac.jp
 Isbrücker, Isaäc, J.H., isbruecker@bio.uva.nl
 Ishihara, Hajime, skatolog@fsinet.or.jp
 Ivantsoff, Walter, wivantso@ma.bio.mq.edu.au
 Iwamoto, Tomio, tiwamoto@calacademy.org
 Iwatsuki, Yuko, yuk@cc.miyazaki-u.ac.jp
 James, Gavin D., g.james@niwa.cri.nz
 Jayaram, Kottur C., jayramkc22@hotmail.com
 Jenkins, Robert, jenkins@roanoke.edu
 Jewett, Susan L., jewetts@nmnh.si.edu
 Johnson, Dave, johnsond@nmnh.si.edu
 Kailola, Patricia J., pkailola@compuserve.com
 Kaufmann, Les, lesk@bio.bu.edu
 Keller, Kip, kip@cajal.uoregon.edu
 Kendall, Jr., Arthur W., kendall@afsc.noaa.gov
 Kim, Byung-Jik, kimbj@fish.hokudai.ac.jp
 Kim, Ik-Soo, kim9620@moak.chonbuk.ac.kr
 Kimura, Seishi, kimura-s@bio.mie-u.ac.jp
 Klepadlo, Cynthia, klepadlo@sio.ucsd.edu
 Knapp, Leslie, mnhvz039@sivm.si.edu
 Kornfield, Irv, irvk@maine.maine.edu
 Kottelat, M., mkottelat@dplanet.ch
 Krupp, F., fkrupp@sng.uni-frankfurt.de

Or persga@compute.com.bh (till 2003)

Kullander, Sven O., sven.kullander@nrm.se
 Kulonowski, Cynthia, ihck@hippo.ru.ac.za
 Lamilla, Julio, jlamilla@valdivia.uca.uach.cl
 Landewe, Theresa, tlandewe@fish.washington.edu
 Landim, M.I., milandim@openlink.com.br
 Langeani, Francisco, langeani@condor.ibilce.unesp.br
 Larson, Helen K., helen.larson@nt.gov.au
 Lasso A., Carlos A., lassoc@mixmail.com
 Lasso-Alcalá, Oscar M., lasso-alcala@mixmail.com
 Last, Peter, peter.last@marine.csiro.au
 Lavenberg, Robert J., rlavenbe@bcf.usc.edu
 Lea, Robert, rlea@dfg.ca.gov
 Lecointre, Guillaume, lecointr@cimrs1.mnhn.fr
 Lee, Seung-Hwi, S-hlee@honam.honam.ac.kr
 Lehmann, Pablo, plehmann@pucrs.br OR pablolehmann@hotmail.com
 Leis, Jeffrey, jeffl@austmus.gov.au
 Lim, Kelvin K. P., dbslimkp@nus.edu.sg
 Lima, Flavio, C.T., fcltima@usp.br
 Littmann, Michael W., littmann@acnatsci.org
 Lopes, Paulo R.D., r650221@cpu0001.prodeb.gov.br
 Lopez, J. Andres, lopez@fish.washington.edu
 Lopez-Arbarello, Adriana, Adriana.lopez-arbarello@rz.hu-berlin.de
 Louie, kristina D., kdlouie@ucla.edu
 Lourie, Sara A., slouri@po-box.mcggill.ca
 Lovejoy, Nathan R., lovejoy7@uclink4.berkeley.edu
 Lucena, Carlos, A.S. de, lucena@pucrs.br
 Lucena, Zilda M.S. de, margarete@pucrs.br
 Lucinda, Paul H.F., lucinda@pucrs.br
 Lundberg, John G., lundberg@acnatsci.org
 Mabee, Paula, mabee@sunstroke.sdsu.edu
 Machida, Yoshihiko, machida@cc.kochi-u.ac.jp
 MacDonald, Erin L., emac@u.washington.edu
 Malabarba, Maria C., mariacm@pucrs.br
 Malabarba, L.R., malabarba@pucrs.br
 Margout, Monique, margout@cimrs1.mnhn.fr
 Marks, Mark, mrkmar08@uctvms.uct.ac.za
 Marques, Alessandra R., alessa@vmesa.uerj.br
 Matallana R., Martha T., snatura@colnodo.apc.org
 Matarese, Ann C., matarese@afsc.noaa.gov
 Matsuura, Keiichi, matsuuura@kahaku.go.jp
 Mautari, Kelly C., kmautari@usp.br
 Mayden, Rick, rmayden@ua1vm.ua.edu
 McAllister, Don E., ah194@freenet.carleton.ca
 McClure, Michelle, mmm4@cornell.edu
 McCosker, John E., jmccosker@calacademy.org
 McDowall, R.M., b.mcdowall@niwa.cri.nz
 McEachran, John D., j-mceachran@tamu.edu
 McGrouther, Mark, markm@amsg.austmus.oz.au
 McMillan, Peter J., p.mcmillan@niwa.cri.nz
 Mecklenburg, Catherine W., ptsteph@ptialaska.net
 Menezes, Naercio A., naercio@usp.br
 Menni, Roberto C., menni@museo.fcny.unlp.edu.ar
 Meri R., Jennifer A., nanifer@hotmail.com
 Merrett, Nigel R., nigel@macrouid.freeserve.co.uk
 Meunier, François J., meunier@cimrs1.mnhn.fr
 Mihalcescu, Ana-Maria, amihalcescu@hotmail.com
 Miller, Peter, peter.miller@bristol.ac.uk
 Miller, Richard G., forstinst@aol.com
 Miya, Masaki, miya@chiba-muse.or.jp
 Miyashita, Takehiro, miyashit@cc.tokyo-u-fish.ac.jp
 Moller, Peter R., pdrmoller@zsmuc.ku.dk
 Mollet, Henry F., mollet@mbay.net
 Moreira, Cristiano L.R., cmoreira@ib.usp.br
 Moser, Mike, mmoser@uclink4.berkeley.edu
 Motomura, Hiroyuki, a02113u@cc.miyazaki-u.ac.jp
 Moura, Rodrigo L., rlmoura@usp.br
 Mundy, Bruce C., bmundy@honlab.nmfs.hawaii.edu
 Munroe, Thomas A., munroe.thomas@nmnh.si.edu
 Murdy, Edward O., emurdy@nsf.gov
 Murphy, Kris, murphyk@nmnh.si.edu
 Murray, Alison, amurray@mus-nature.ca
 Musikasinthorn, P., ad95208@cc.tokyo-u-fish.ac.jp
 Muto, Fumihito, mtf@fish.hokudai.ac.jp
 Myers, Robert F., rmyers@netpci.com
 Nakaya, Kazuhiro, nakaya@pop.fish.hokudai.ac.jp
 Nakazono, A., nakazono@agr.kyushu-u.ac.jp
 Nalbant, Teodor T., nalbant@mailbox.ro

Neely, David A., neely004@bama.ua.edu
Nelson, Douglas W., dwnelson@umich.edu
Nelson, Joseph S., joe.nelson@ualberta.ca
Ng, Heok H., heokheen@umich.edu
Nielsen, Jorgen G., jgnielsen@zmuc.ku.dk
Nijssen, Han, nijssen@bio.uva.nl
Okada, Hiroshi, hiros@pop.fish.hokudai.ac.jp
Oliveira, Larissa, loliveira@puhrs.br
Ono, Fumihiko, humz@pop.fish.hokudai.ac.jp
Orr, James W., James.Orr@noaa.gov
Orrell, Tom, orrell@vims.edu
Orti, Guillermo, gorti@crvms.unl.edu
Orton, Randal D., girellidae@aol.com
O'Toole, Bruce, b.otoole@utoronto.ca
Ott, Gerhard H.F., gerhard.ott-fl@t-online.de
Overstreet, Robin M., roverstr@seahorse.ims.usm.edu
Ozawa, Takakazu, ozawa@fish.kagoshima-u.ac.jp
Ozouf-Costaz, C., ozouf@mnhn.fr
Page, Lawrence M., l-page1@uiuc.edu
Palmer, Lisa F., palmerl@nmnh.si.edu
Parenti, Lynne R., parenti.lynne@nmnh.si.edu
Parisi, Beatrice M., parisi@cimrs1.mnhn.fr
 Bparisi@club-internet.fr
Parker, Alexander, aparker@maine.maine.edu
Pavanelli, Carla S., carlasp@nupelia.uem.br
Paxton, John R., johnp@austrmus.gov.au
Pelicao, Gabriela Z., gzanon@hotmail.com
Pequeno, German, gpequeno@uach.cl
Pereira, Edson H.L., edsonhlp@puhrs.br
Pethiyagoda, R., rohanpe@lanka.ccom.lk
Petry, Paulo, petryp@ucs.orst.edu
Pezold, Frank, bipezold@alpha.nlu.edu
Pietsch, Theodore W., twp@u.washington.edu
Plösch, Torsten, ploesch@biologie.uni-oldenburg.de
Pondella II, Daniel J., pondella@oxy.edu
Poss, Stuart G., sgposs@cableone.net
Protti, Q. Maurizio, mprotti@valdivia.uca.uach.cl
Proudlove, Graham S., gsp@fs2.ccl.umist.ac.uk
Pruvost, P., pruvost@mnhn.fr
Pupo, Fabio M.R.S., fpupo@acd.ufrrj.br
Pyle, Richard, deepreef@bishop.bishop.hawaii.org
Quéro, J.-Cl., mhnlr.conservation@libertysurf.fr
Quevedo, Rodrigo, qvdo75@puhrs.br
Radding, Joel M., jmrc@sunysb.cuny.edu
Rainboth, Walter, rainboth@vaxa.cis.uwosh.edu
Ramos, Robson Tamar da Costa, robtamar@dse.ufpb.br
Randall, John E., jackr@hi.net
Rangel, Carlos A., caugusto@mn.ufrrj.br
Rapp Py-Daniel, L., rapp@npa.gov.br
Raredon, Sandra J., raredons@nmnh.si.edu
Reichenbacher, Bettina, bettina.reichenbacher@bio-geo.uni-karlsruhe.de
Reis, Roberto E., reis@puhrs.br
Renaud, Claude B., crenaud@mus-nature.ca
Richards, William J., bill.richards@noaa.gov
Riehl, Rudiger, rieht@uni-duesseldorf.de
Ritchie, Peter, pritchie@life.bio.sunysb.edu
Roberts, Clive D., cliver@tepapa.govt.nz
Robertson, D.R., robertsr@naos.si.edu
Robison, Henry W., hwrobison@saumag.edu
Rocha, Luiz A., rochal@ufu.edu
Rodriguez-Sanchez, R., rrodrig@vmredipn.ipn.mx
Rogers, Mary Anne, mrogers@fsmh.org
Rojas, Jose R., yoyi66@sol.racsa.co.cr
Rosa, I.L., ierece@dse.ufpb.br
Rosa, Ricardo S., rsrosa@dse.ufpb.br
Rosenblatt, Richard, rosenblatt@ucsd.edu
Royero, Ramiro, r.royero@bris.ac.uk
Sabaj, Mark H., sabaj@discovery.acnatsci.org
Salmunovich, Tim, trpa@northcoast.com
Santana, Carlos D., cdsantana@bol.com.br
Santini, Francesco, fsantini@zoo.utoronto.ca
Santos, Flávia B., flaborges@hotmail.com
Sarraf, Alessandra, sarraf@acd.ufrrj.br
Saruwatari, Toshiro, cxp00013@niftyserve.or.jp
Sasaki, Kunio, fishssk@cc.kochi-u.ac.jp
Sato, Keiichi, humz@pop.fish.hokudai.ac.jp
Saul, William G., saul@say.acnatsci.org
Savary, Warren, savaryw@par66.par.ora.fda.gov
Schaefer, Scott A., schaefer@amnh.org
Schindler, Ingo, ingoschindler@web.de
Schmitter-Soto, Juan J., jschmit@ecosur-qroo.mx
Schultz, Ortwin, ortwin.schultz@nhm-wien.ac.at
Schultze, Hans-Peter, hans-peter.schultze@rz.hu-berlin.de
Seigel, Jeffrey A., jseigel@bcf.usc.edu
Seki, Michael P., mseki@honlab.nmfs.hawaii.edu
Senou, Hiroshi, senou@pat-net.ne.jp
Séret, Bernard, seret@cimrs1.mnhn.fr
Shao, Kwang-Tsao, zoskt@gate.sinica.edu.tw
Shaw, Kate, fishes@kuhub.cc.ukans.edu
Shedlock, Andrew M., shedlock@u.washington.edu
Shelton, Sally, libsdnhm@class.org
Shibatta, Oscar Akio, shibatta@uel.br
Shibukawa, Koichi, ad95207@cc.tokyo-u-fish.ac.jp
Shick, Malcolm, Shick@maine.maine.edu
Shimada, Kazuhiko, vya10635@niftyserve.or.jp
Shimazaki, Mitsuomi, mitujin@fish.hokudai.ac.jp
Shinohara, Gento, s-gento@kahaku.go.jp
Shinohara, Hirotake, humz@fish.hokudai.ac.jp
Shipman, John, js@cs.nmt.edu
Sielfeld, Walter, wsiefel@cec.unap.cl
Silva, Jose F.P., pezzi@puhrs.br
Simmons, John, jsimmons@kuhub.cc.ukans.edu
Skelton, Paul H., p.skelton@ru.ac.za
Smith, David G., smith.davidg@nmnh.si.edu
Smith-Vaniz, Bill, bill_smith-vaniz@usgs.gov
Snyder, Alexandra M., amsnyder@unm.edu
Snyder, Darrel E., desnyder@cnr.colostate.edu
Soares-Porto, Luisa Maria, lmsporto@cat.cce.usp.br
Soma, Aya, kajiko@pop.fish.hokudai.ac.jp
Song, Jiakun, js25@umail.umd.edu
Springer, Victor G., springer.victor@nmnh.si.edu
Starnes, Wayne C., mnhvz100@sivm.si.edu
Stauffer, Jr., Jay R., vc5@psu.edu
Stearn, Daniel D., stearn@fish.washington.edu
Stehmann, Matthias, 106241.1657@compuserve.com
Stein, David, david.stein@noaa.gov
Stephens, Robert Rhea, rrs@bradley.bradley.edu
Stepien, Carol, c.stepien@csuohio.edu
Stevenson, Duane E., des2@u.washington.edu
Stiassny, Melanie, mljs@amnh.org
Stringer, Gary L., gestringer@ulm.edu
Su, Rui-Feng, chenxy@mail.kiz.ac.cn (see Chen, X.-Y.)
Suarez, Rafael A., rafasuares@mixmail.com
Sullivan, John P., jps@acpub.duke.edu
Suzuki, Nobuaki, humz@fish.hokudai.ac.jp
Suzumoto, Arnold Y., glassman@bishop.bishop.hawaii.org
Swinney, Geoff, gns@nms.ac.uk
Takahashi, Masafumi, humz@fish.hokudai.ac.jp
Takahashi, Tetsumi, tetsumi@pop.fish.hokudai.ac.jp
Takeda, Kentaro, humz@pop.fish.kokudai.ac.jp
Tan, Heok H., scip9005@nus.edu.sg
Tang, Kevin L., kltang@falcon.cc.ukans.edu
Taylor, Cynthia A., ctaylor@sunstroke.sdsu.edu
Taylor, LaVerne, lavern@plato.museum.tulane.edu
Taylor, Mike, mike@plato.museum.tulane.edu
Teitler, Neal M., teitler@tokyo-u-fish.ac.jp
Teugels, Guy G., teugels@africamuseum.be
Tighe, Ken, tighe.ken@nmnh.si.edu
Toledo Piza, Monica, mtpiza@usp.br
Trexler, Joel, trexlerj@servax.fiu.edu
Trubschenck, Carl, trubschenck@bbs.macnexus.org
Tsao, Hsienshao E., etsao@ms.cc.ntu.edu.tw
Tyler, James C., tyler.jim@nmnh.si.edu
Uiblein, Franz, franz.uiblein@mh.sbg.ac.at
Unmack Peter J., peter.unmack@asu.edu
Urbain, Brian, urbain@fish.washington.edu
Uyeno, Teruya, uyeno@kahaku.go.jp
Vargas, Mauricio E., mvargas@cec.unap.cl
Vari, Richard P., vari.richard@nmnh.si.edu
Vidal, Edson S., vidal@music.puhrs.br
Vogt, Kenneth D., afkdv@uaa.alaska.edu
Voskoboinikova, Olga S., vos@zisp.spb.su
Vreven, Emmanuel J., vreven@africamuseum.be
Walker, H.J., hjwalker@ucsd.edu
Walsh, Stephen J., steve_walsh@usgs.gov

Watanabe, Katsutoshi, watanak@cc.nara-wu.ac.jp
Weitzman, Marilyn J., weitzman.stan@nmnh.si.edu
Weitzman, Stanley, weitzman.stan@nmnh.si.edu
Werneck, Frederico, ausu@ax.ibase.br
Westneat, Mark W., mwestneat@fmnh.org
Wienerroither, Rupert, rupert.wienerroither@sbg.ac.at
Williams, Jeffrey T., williams.jeff@nmnh.si.edu
Wilson, Rob, wilson,robert@simnh.si.edu
Winemiller, Kirk, kow1956@zeus.tamu.edu
Winterbottom, Richard, rickw@rom.on.ca
Wirtz, Peter, biomar@dragoeiro.uma.pt
Witte, Kai-Erik, kai@mail.mpiib-tuebingen.mpg.de
Woodland, David J., dwoodlan@metz.une.edu.au
Wosiacki, Wolmar B., wolmar@ib.usp.br

Wu, Han Ling, hlwu@shfu.edu.cn
Yabe, Mamoru, humz@pop.fish.hokudai.ac.jp
Yamaguchi, Motoomi, motoomi@ori.u-tokyo.ac.jp
Yamaguchi, Tomoki, yama@pop.fish.hokudai.ac.jp
Yang, Jun-Xing, yangjx@mail.kiz.ac.cn
Yearsley, Gordon, K., gordon.yearsley@marine.csiro.au
Zajonz, U., uzajonz@sng.uni-frankfurt.de
Zanata, Angela M., zanata@usp.br
Zapata, Luis, inpa@col2.telecom.com.co
Zhang, Chunguang, fish@panda.ioz.ac.cn
Zhou, Wei, zhouw@public.km.yn.cn
Zupancic, Primož, primoz.zupancic@guest.arnes.si



ISSN 1041-8989