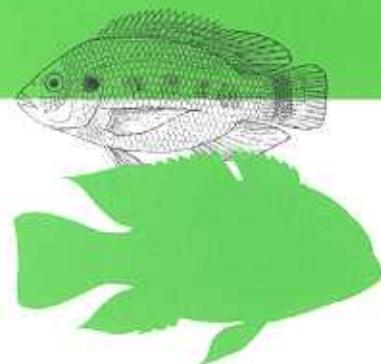


# A Selected Bibliography on Tilapia |Pisces: Cichlidae|



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# A Selected Bibliography on Tilapia (Pisces: Cichlidae)

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## INTRODUCTION

Tilapia, a group of freshwater fish that are farmed worldwide in tropical and subtropical countries, have emerged as the second most important fish produced in aquaculture after the carps. Because of their importance as a source of protein for millions of poor people from developing countries and recently as a globally traded commodity, much enthusiasm and research efforts have been given to them.

Research by the WorldFish Center and its partners on tilapia began in the late 1970s and focused on key issues that affect their production and conservation. Through joint efforts with partners from many parts of the world, the outputs from these studies have played an important role in the overall progress that has been made on tilapia research and development.

The WorldFish Center library as part of its effort to serve the information needs of the Center staff, partners and other external users worldwide, has been acquiring documentation on the subject. Such documentation ranges from published/unpublished documents, theses, journal articles, to reports and conference papers. This bibliography covers all publications available in the WorldFish library on tilapia and is a revision of *Tilapia: A Selected Bibliography* published by the Center in 2001. This volume covers a total of 1977 references.

Entries are arranged alphabetically by author and numbered sequentially. Author, subject, taxonomy and geographic indexes are provided to facilitate cross-referencing

The reference materials used in compiling this bibliography are Aquatic Sciences and Fisheries Thesaurus: descriptors used in FAO's Aquatic Sciences and Fisheries Information System, and AGROVOC: a multilingual thesaurus of agricultural terminology. The citation style used for the bibliographic entries is based on the Center's library bibliographic worksheet. A list of abbreviated periodical titles used is included.

It is hoped that this volume will serve as a useful source of reference to researchers, scientists and anyone who is interested in tilapia research.

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Tobago 601  
Tonga 899  
Tono 876  
Transkei 1393  
Trinidad 601  
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## U

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USA, Florida 91  
USSR 841

## V

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Volta Lake 419

## W

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Western Samoa 1215  
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## Z

Zaire 378, 1037, 1394  
Zambia 486, 656, 879, 1249, 1387, 1895, 1896  
Zaria 1519  
Zimbabwe 492, 590, 671, 768, 885, 1164  
Ziway Lake 27  
Zomba 1221

## PERIODICAL TITLE ABBREVIATIONS

### **A**

Acta Hydrobiologica. Cracow	Appl. Environ. Microbiol.
Acta Hydrobiol.	Aquacultura Hungarica. Szarvas
Acta Hydrobiologica Sinica. Wuhan	Aquacult. Hung.
Acta Hydrobiol. Sin.	Aquacultural Engineering. Amsterdam
Acta Hydrochimica et Hydrobiologica. Berlin	Aquacult. Eng.
Acta Hydrochim. Hydrobiol.	Aquaculture and Fisheries Management. Oxford
Acta Oceanologica Sinica / Haiyang Xuebao. Beijing	Aquacult. Fish. Manage.
Acta Oceanol. Sin.	Aquaculture Asia. Bangkok
Actuel Development. Paris	Aquacult. Asia
Actuel Dev.	Aquaculture Economics & Management. Brisbane
African Journal of Tropical Hydrobiology and Fisheries. Nairobi	Aquacult. Econ. Manag.
Afr. J. Trop. Hydrobiol. Fish.	Aquaculture Extension Manual. Aquaculture Department, Southeast Asian Fisheries Development Center. Tigbauan
Agriculture Ecosystems & Environment. Amster- dam	Aquacult. Ext. Man. Aquacult. Dep. Southeast Asian Fish. Dev. Cent.
Agric. Ecosyst. Environ.	Aquaculture International. Dordrecht
Agricultural Wastes. Essex	Aquacult. Int.
Agric. Wastes	Aquaculture Magazine. Asheville NC
Agroforestry Systems. The Netherlands	Aquacult. Mag.
Agroforest. Syst.	Aquaculture Nutrition. Danvers
Anales del Instituto de Ciencias del Mar y Limnologia Universidad Nacional Autonoma de Mexico. Mexico City	Aquacult. Nutr.
An. Inst. Cienc. Mar Limnol. Univ. Nac. Auton. Mex.	Aquaculture Research. Danvers
Animal Genetics. Oxford	Aquacult. Res.
Anim. Genet.	Aquatic Animal Health Research Institute Newslet- ter. Bangkok
Animal Research Development	AAHRI Newsl.
Anim. Res. Dev.	Aquatic Living resources / Ressource aquatiques vivantes. Nantes
Annales de Biologie Animale Biochimie Biophysique. Paris	Aquat. Living Resour.
Ann. Biol. Anim. Biochem. Biophys.	Aquatic Toxicology. Amsterdam
Annales de la Societe Royale Zoologique de Belgique. Brussels	Aquat. Toxicol.
Ann. Soc. R. Zool. Belg.	Arab Gulf Journal of Scientific Research. Riyadh
Annals & Magazine of Natural History. Basingstoke Hampshire	Arab Gulf J. Sci. Res.
Ann. Mag. Nat. Hist.	Archiv Fur Fischereiwissenschaft. Stuttgart
Annual Report East African Freshwater Fisheries Research Organization	Arch. Fishereiwiss.
Annu. Rep. E. Afr. Freshwat. Fish. Res. Organ.	Archiv Fur Hydrobiologie. Stuttgart
Annual Report Kainji Lake Research Institute. Kwara State	Arch. Hydrobiol.
Annu. Rep. Kainji Lake Res. Inst.	Arquivo Brasileiro de Medicina Veterinaria e Zootecnic. Brazil
Applied Agricultural Research. New York	Arq. Bras. Med. Vet. Zoot.
Appl. Agric. Res.	Asian Aquaculture. Tigbauan
Applied and Environmental Microbiology, Wash- ington DC	Asian Aquacult.
	Asian Fisheries Science. Metro Manila
	Asian Fish. Sci.
	Asian Fishing & Shipping Magazine. Manila
	Asian Fish. Shipp. Mag.
	Australian Journal of Marine and Freshwater Research. Melbourne
	Aust. J. Mar. Freshwat. Res.

**B**

Bangladesh Journal of Agricultural Sciences.  
Mymensingh  
Bangladesh J. Agric. Sci.  
Bangladesh Journal of Fisheries Research.  
Mymensingh  
Bangladesh J. Fish. Res.  
Biochemistry International. North Ryde NSW  
Biochem. Int.  
Biologia Fisiologia Animal. Sao Paulo  
Biol. Fisiol. Anim.  
Biological Bulletin. Woods Hole, Massachusetts  
Biol. Bull.  
Biological Journal of the Linnean Society. London  
Biol. J. Linn. Soc.  
Biology of Behaviour. Switzerland  
Biol. Behav.  
Bioresource Technology. Oxford  
Bioresour. Technol.  
Bioscience Research Communications  
Biosci. Res. Commun.  
Boletin Del Instituto Oceanografico De Venezuela.  
Cumana  
Bol. Inst. Oceanogr. Venez.  
Bulletin. Institute of Zoology, Academia Sinica.  
Taipei  
Bull. Inst. Zool. Acad. Sin.  
Bulletin Du Museum National D'Histoire  
Naturelle. Section A; Zoologie, Biologie Et  
Ecologie Animales. Paris  
Bull. Mus. Natl. Hist. Nat. (France) (A Zool. Biol.  
Ecol. Anim.)  
Bulletin of the Aquaculture Association of Canada  
Bull. Aquacult. Assoc. Can.  
Bulletin of the Faculty of Fisheries Hokkaido  
University. Hakodate  
Bull. Fac. Fish. Hokkaido Univ.  
Bulletin of the Japanese Society of Scientific  
Fisheries. Kanda Jinbo-cho  
Bull. Jap. Soc. Sci. Fish.  
Bulletin of National Fisheries Research and  
Development Agency (Korea). Pusan  
Bull. Natl. Fish. Res. Dev. Agency (Korea)  
Bulletin of the National Science Museum (Japan).  
Series A. Tokyo  
Bull. Natl. Sci. Mus. (Japan)(Ser. A)  
Bulletin of Taiwan Fisheries Research Institute.  
Keelung  
Bull. Taiwan Fish. Res. Inst.

**C**

Cahiers d'ethologie appliquée. Liege  
Cah. Ethol. Appl.  
Canadian Journal of Fisheries and Aquatic Sci-  
ences. Ottawa Ont.  
Can. J. Fish. Aquat. Sci.  
Canadian Journal of Zoology / Journal Canadien de  
Zoologie. Ottawa Ont.  
Can. J. Zool. / J. Can. Zool.  
CAPD Fisheries Series. Taipei  
CAPD Fish. Ser.  
Ciencia Pesquera. Santa Cruz Atoyac  
Cienc. Pesq.  
Central Luzon State University Scientific Journal.  
Nueva Ecija  
CLSU Sci. J.  
COA fisheries series. Taipei  
COA Fish. Ser.  
Comparative Biochemistry and Physiology. Part A.  
Comparative Physiology. Oxford, New  
York  
Comp. Biochem. Physiol. (A Comp. Physiol.)  
Comparative Biochemistry and Physiology. Part B.  
Comparative Biochemistry. Oxford, New  
York  
Comp. Biochem. Physiol. (B Comp. Biochem.)  
Comparative Biochemistry and Physiology. Part B.  
Comparative Pharmacology. Oxford, New  
York  
Comp. Biochem. Physiol. (C Comp. Pharmacol.)  
Conservation & Recycling. Oxford  
Conserv. Recycling  
Cooperative Farmer. Richmond  
Coop. Farmer  
Collaborative Research Support Program Research  
Reports. Corvallis  
CRSP Res. Rep.  
Current science. Bangalore  
Curr. Sci.

**E**

East African Wildlife Journal. Oxford  
E. Afr. Wildl. J.  
Ecological Applications. Washington DC  
Ecol. Appl.  
Ecological Engineering. Amsterdam  
Ecol. Eng.  
Ecological Modeling. Amsterdam  
Ecol. Modelling  
Ecological Monographs. Durham NC  
Ecol. Monogr.

- Ecology of Freshwater Fish. Copenhagen  
 Ecol. Freshwat. Fish  
 Environment and Ecology. Kalyani  
 Environ. Ecol.  
 Environmental Biology of Fishes. The Hague  
 Environ. Biol. Fish.
- F**
- Farm Research. Arkansas  
 Farm Res.  
 FAO Fisheries Report. Rome  
 FAO Fish. Rep.  
 Fish Farming international. London  
 Fish Farming Int.  
 Fish-International. Hamburg  
 Fish Int.  
 Fish Pathology  
 Fish Pathol.  
 Fisheries and Fishbreeding in Israel. Haifa  
 Fish. Fishbreed. Isr.  
 Fisheries Bibliography Series. Philippine Council  
     for Agriculture and Resources Research and  
     Development. Los Banos  
 Fish. Bibliogr. Ser. Philipp. Counc. Agric. Resour.  
     Res. Dev.  
 Fisheries Management and Ecology. Danvers  
 Fish. Manage. Ecol.  
 Fisheries Newsletter. Bangladesh Fisheries  
     Research Institute. Mymensingh  
 Fish. Newsl. Bangladesh Fish. Res. Inst.  
 Fisheries Newsletter. Bureau of Fisheries and  
     Aquatic Resources. Manila  
 Fish. Newsl. Bur. Fish. Aquat. Resour. (Philipp.)  
 Fisheries Research. Amsterdam  
 Fish. Res.  
 Fisheries Research Journal of the Philippines. Los  
     Banos  
 Fish. Res. J. Philipp.  
 Fisheries Science. Tokyo  
 Fish. Sci.  
 Fisheries Technology Manual Series. Philippine  
     Council for Aquatic Marine Research  
     Development. Los Banos  
 Fish. Technol. Man. Ser. Philipp. Counc. Aquat.  
     Mar. Res. Dev.  
 Fishery Bulletin. Seattle  
 Fish. Bull.  
 Fishing Industry News Service Fisheries News.  
     Perth  
 F.I.N.S. Perth  
 Food Chemistry. Barking Essex  
 Food Chem.
- Freshwater Fisheries. Hubei, China  
 Freshwat. Fish.
- G**
- General and Comparative Endocrinology. San  
     Diego  
 Gen. Comp. Endocrinol.  
 Ghana Journal of Science. Legon Ghana  
 Ghana J. Sci.  
 Gulf Research Reports. Ocean Springs MS  
 Gulf Res. Rep.
- H**
- Himalayan Journal of Environmental Zoology  
 Him. J. Environ. Zool.  
 Hydrobiologia. The Hague  
 Hydrobiol.
- I**
- ICA Communicae. Auburn  
 ICA Commun.  
 Ichthyological Exploration of Freshwater.  
     Munchen  
 Ichthyol. Explor. Freshwat.  
 ICLARM bibliographies. Penang  
 ICLARM Bibliogr.  
 ICLARM conference proceedings. Penang  
 ICLARM Conf. Proc.  
 ICLARM Newsletter. Penang  
 ICLARM Newsl.  
 ICLARM Studies and Reviews. Penang  
 ICLARM Stud. Rev.  
 ICLARM Technical Reports. Penang  
 ICLARM Tech. Rep.  
 Indian Journal of Experimental Biology. New  
     Delhi  
 Indian J. Exp. Biol.  
 Indian Journal of Fisheries. Ernakulam  
 Indian J. Fish.  
 Indian Journal of Marine Sciences. New Delhi  
 Indian J. Mar. Sci.  
 Indonesian Agricultural Research & Development  
     Journal. Jakarta  
 Indones. Agric. Res. Dev. J.  
 INFOFISH International. Kuala Lumpur  
 INFOFISH Int.  
 Informe tecnico. Centro Piscicola Experimental,  
     Universidad de Caldas. Manizales  
 Inf. Tec. Cent. Piscic. Exp. Univ. Caldas  
 International Journal of Food Science and Technol-  
     ogy. Oxford  
 Int. J. Food Sci. Technol.

- International Network on Genetics in Aquaculture Report. Penang  
 INGA Rep.  
 Internationale Revue der gesamte Hydrobiologie. Berlin  
 Int. Rev. Gesamt. Hydrobiol.  
 Israel Journal of Zoology. Jerusalem  
 Isr. J. Zool.  
 Israeli Journal of Aquaculture / Bamidgeh. Nir-David  
 Isr. J. Aquacult. / Bamidgeh
- J**
- Journal Agriculture of the University of Puerto Rico  
 J. Agric. Univ. P.R.  
 Journal of Agricultural and Food Chemistry. Washington DC  
 J. Agric. Food Chem.  
 Journal of Agricultural Economics. Aberystwyth  
 J. Agric. Econ.  
 Journal of Agricultural Research. Lahore  
 J. Agric. Res.  
 Journal of Agronomy and Crop Science. New York  
 J. Agron. Crop Sci.  
 Journal of Animal Morphology and Physiology. Bombay  
 J. Anim. Morphol. Physiol.  
 Journal of Applied Aquaculture. Binghamton  
 J. Appl. Aquacult  
 Journal of Applied Ichthyology / Zeitschrift fur Aangewandte Ichthyologie. Hamburg Berlin  
 J. Appl. Ichthyol. / Z. Angew. Ichthyol.  
 Journal of Aquaculture in the Tropics. Calcutta  
 J. Aquacult. Trop.  
 Journal of Aquatic Animal Health. Maryland  
 J. Aquat. Anim. Health  
 Journal of Aquatic Sciences. Nigeria  
 J. Aquat. Sci.  
 Journal of Experimental Zoology. Philadelphia  
 J. Exp. Zool.  
 Journal of Fish Biology. London, New York  
 J. Fish Biol.  
 Journal of Fish Diseases. Oxford  
 J. Fish Dis.  
 Journal of Fisheries of China / Shuichan Xuebao. Shanghai  
 J. Fish. China  
 Journal of Food Safety. Kuala Lumpur  
 J. Food Saf.  
 Journal of Genetics. Hyderabad  
 J. Genet.
- Journal of Ichthyology. Silver Spring MD  
 J. Ichthyol.  
 Journal of Inland Fisheries. Colombo  
 J. Inland Fish.  
 Journal of Nutrition. Philadelphia  
 J. Nutr.  
 Journal of Plankton Research. London  
 J. Plankton Res.  
 Journal of Production Agriculture. Madison  
 J. Prod. Agric.  
 Journal of Protozoology. Lawrence KS  
 J. Protozool.  
 Journal of Stored Products Research. Oxford  
 J. Stored Prod. Res.  
 Journal of Taiwan Fisheries Research. Keelung  
 J. Taiwan Fish. Res.  
 Journal of the Arizona-Nevada Academy of Science  
 J. Ariz.-Nev. Acad. Sci.  
 Journal of the Egyptian Veterinary Medical Association  
 J. Egypt. Vet. Med. Assoc.  
 Journal of the Fisheries Society of Taiwan. Taipei  
 J. Fish. Soc. Taiwan  
 Journal of the Inland Fisheries Society of India. Barrackpore  
 J. Inland Fish. Soc. India  
 Journal of the Korean Fisheries Society. Pusan  
 J. Korean Fish. Soc.  
 Journal of the Limnological Society of Southern Africa. Bloemfontein  
 J. Limnol. Soc. South Afr.  
 Journal of the Science Society of Thailand  
 J. Sci. Soc. Thail.  
 Journal of the Tokyo University of Fisheries. Tokyo  
 J. Tokyo Univ. Fish.  
 Journal of the World Aquaculture Society. Baton Rouge  
 J. World Aquacult. Soc.  
 Journal of the World Mariculture Society. Baton Rouge  
 J. World Maricult. Soc.  
 Journal of Zoology. London  
 J. Zool.
- K**
- Kalikasan: the Philippine Journal of Biology. College, Laguna  
 Kalikasan: Philipp. J. Biol.  
 Kasetsart Journal: Natural Sciences  
 Kasetsart J. (Nat. Sci.)

Kuwait Bulletin of Marine Science  
Kuwait Bull. Mar. Sci.

**M**

Malaysian Agricultural Journal. Kuala Lumpur  
Malay. Agric. J.  
Marine Resource Economics. New York  
Mar. Resour. Econ.  
Meeresforschung/Reports on Marine Research.  
Hamburg  
Meeresforschung/Rep. Mar. Res.  
Memoirs of the Faculty of Fisheries, Kagoshima  
University. Kagoshima  
Mem. Fac. Fish. Kagoshima Univ.  
Menofiya Journal of Agriculture Research  
Menofiya J. Agric. Res.  
Mindanao Aquaculture and Fisheries Journal.  
Naawan  
Mindanao Aquacult. Fish. J.

**N**

North American Journal of Aquaculture. Bethesda  
N. Am. J. Aquacult.  
North American Journal of Fisheries Management.  
Lawrence KS  
N. Am. J. Fish. Manage.  
National Academy of Science Letters. Allahabad  
Natl. Acad. Sci. Lett.  
National Institute for Freshwater Fisheries Re-  
search Extension Guide Series. Nigeria  
NIFFR Ext. Guide Ser.  
National Institute for Freshwater Fisheries Re-  
search Newsletter. Nigeria  
NIFI Newsl.  
Nucleic Acids Research. Oxford  
Nucleic Acids Res.

**O**

Oceanologia et Limnologia Sinica / Haiyang Yu  
Huzhao. Qingdao  
Oceanol. Limnol. Sin. / Haiyang Yu Huzhao  
Outlook on Agriculture. Wallingford  
Outlook Agric.

**P**

PCARRD Monitor. Los Banos  
PCARRD Monit.  
Philippine Development. Manila  
Philipp. Dev.  
Philippine Farmers' Journal. Quezon City  
Philipp. Farmers' J.

Philippine Journal of Science. Manila  
Philipp. J. Sci.  
Proceedings of the Gulf and Caribbean Fisheries  
Institute. Miami FL  
Proc. Gulf Caribb. Fish. Inst.  
Proceedings of the Indian Academy of Sciences.  
Animal sciences. Bangalore  
Proc. Indian Acad. Sci. (Anim. Sci.)  
Proceedings of the Indian National Science Acad-  
emy. Part B. Biological sciences. New Delhi  
Proc. Indian Natl. Sci. Acad. (B Biol. Sci.)  
Progressive fish-culturist. Washington  
Prog. Fish-Cult.

**Q**

Quarterly research report. Aquaculture Depart-  
ment, Southeast Asian Fisheries Develop-  
ment Center. Tigbauan  
Q. Res. Rep. Aquacult. Dep. Southeast Asian Fish.  
Dev. Cent.  
Quick Bibliography Series. National Agriculture  
Library. Beltsville  
Quick Bibliogr. Ser. Natl. Agric. Libr. (U.S.)

**R**

R and D Journal. Bicol University  
R D J.  
Research and Development Series. International  
Center for Aquaculture. Auburn AL  
Res. Dev. Ser. Inst. Cent. Aquacult.  
Research Paper Pond Dynamics/Aquaculture  
Collaborative Research Support Program  
Res. Pap. Pond Dynamics/Aquacult. CRSP  
Resources and Conservation. Amsterdam  
Resour. Conserv.  
Reviews in Fisheries Science. Boca Raton  
Rev. Fish. Sci.  
Revista Cubana De Investigaciones Pesquera.  
Havana  
Rev. Cub. Invest. Pesq.

Revista De Biología Tropical. Costa Rica  
Rev. Biol. Trop.  
Revista Latinoamericana de Acuicultura. Lima  
Rev. Latinoam. Acuicult.  
Revue Agricole et Sucriere de l' Ile Maurice  
Rev. Agric. Sucr. Ile Maurice  
Revue Boiset Forêts de Tropiques  
Rev. Bois Forêts Trop.  
Revue de Zoologie Africaine. Tervuren  
Rev. Zool. Afr.  
Rhodesia Agricultural Journal. Zimbabwe

Rhod. Agric. J.	Theoretical and Applied Genetics. New York
Rivista Italiana di Piscicoltura e Ittiopatologia.	Theor. Appl. Genet.
Treviso	Transactions of the American Fisheries Society.
Riv. Ital. Piscic. Ittiopatol	Washington
 <b>S</b>	Trans. Am. Fish. Soc.
Sciences De L'eau	Transactions of the National Academy of Science
Sci./J. Water Sci.	& Technology. Taguig
Science in New Guinea	Trans. Natl. Acad. Sci. Technol. (Philipp.)
Sci. New Guinea	Transactions of the Rhodesia Scientific Association
SINET Ethiopian Journal of Science. Addis	Trans. Rhod. Sci. Assoc.
Ababa	Tropic Oceanology. Guangzhou
SINET Ethiop. J. Sci.	Trop. Oceanol.
Singapore Journal of Primary Industries. Singapore	Tropical Science. London
Singapore J. Primary Ind.	Trop. Sci.
South African Journal of Zoology / Suid-	 <b>V</b>
Afrikaanse tydskrif vir wetenskap. Pretoria	Vava'u. Fisheries Research Bulletin of Tonga.
S. Afr. J. Zool. / s.-Afr. Tydskr. Dierkd.	Nuku'alofa
Southeast Asian Fisheries Development Center	Vava'u. Fish. Res. Bull. Tonga
Asian Aquaculture. Iloilo	Veterinary Immunology and Immunopathology.
SEAFDEC Asian Aquacult.	Amsterdam
Special Publication. European Aquaculture Soci-	Vet. Immunol. Immunopathol.
ety. Bredene	 <b>W</b>
Spec. Publ. Eur. Aquacult. Soc.	Water Research. Oxford
Special Publication. European Mariculture Society	Water Res.
Spec. Publ. Eur. Maricult. Soc.	WES Newsletter. Cantho, Vietnam
Sri Lanka Journal of Aquatic Sciences. Kelaniya	WES NewsL.
Sri Lanka J. Aquat. Sci.	World Aquaculture. Oostende
 <b>T</b>	World Aquacult.
Technical Paper. National Inland Fisheries Insti-	 <b>Z</b>
tute. Bangkok	Zeitschrift fur Angewandte Zoologie. Berlin
Tech. Pap. Natl. Inland Fish	Z. Angew. Zool.
Technical Paper. Nigerian Institute for Oceanogra-	Zimbabwe Agricultural Journal. Harare
phy & Marine Research. Lagos	Zimbabwe Agric. J.
Tech. Pap. Niger. Inst. Oceanogr. Mar. Res.	Zoological Journal of the Linnean Society. Lon-
Technical Report Series. National Institute for	don.
Freshwater Fisheries Research. New Bussa	Zool. J. Linn. Soc.
Tech. Rep. Ser. Natl. Inst. Freshwat. Fish. Res.	
(Niger.)	
Thai Fisheries Gazette. Bangkok	
Thai Fish. Gaz.	