



# 学术报告 LECTURES

**报告题目:** Diversity, Zoogeography and Conservation of Sciaenidae (Perciformes) ,and building a global Sciaenidae research Network (石首鱼的多样性及保育)

**报告人:** Prof. Ning Labbish Chao (赵宁教授)  
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(巴西亚马孙联邦大学)

**时间:** 2009年7月20日, 星期一, 10:10  
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(与院重点实验室学术会议合并举行)



## 报告人简介:

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## A. PROFESSIONAL PREPARATION

1968 Tunghai University (Taiwan) BS, Biology  
1972 Northeastern University (USA) MS in Marine Biology  
1976 Virginia Institute of Marine Science (USA) PhD in Fishery science

## B. CURENT APPOINTMENTS

1989-present: Professor Titular Universidade do Amazonas, Manaus, Amazonas, Brazil.  
2007 -2012: Focal point, IUCN- SSSC Sciaenidae Red List Authority specialist group.  
1991-present: President, Bio-Amazonia Conservation International, Inc. .  
1999-present: Research Associate, Smithsonian Institution (Vertebrate zoology).  
1976-present: Special Author, FAO Species Identification Sheet programs.

## C. RECENT HONOR & AWARDS

2009 SEED Award.  
2006 Ornamental Fish International Award.

## D. CURRENT PROJECTS

1. PROJECT PIABA: a community based, interdisciplinary project aims to understand the ecological and social-cultural systems, and to maintain the livelihood of riverine communities through a sustainable ornamental fishery. This may in turn reduce other environmental damaging activities such as deforestation, mining and wildlife poaching in the region. Most ornamental fishes are short-lived (1-2 yr.), but trees and forest need decades. Thus, the slogan 撸鱼 a fish, save a tree? has been promoted to user groups.

2.IUCN-SSC Global Sciaenidae Red List Assessment & study group: Sciaenid fishes(croakers & drums) are important fishery resources in the shallow warm seas, estuaries and rivers of the world. The family includes 80 genera and 300 species. The goal is to complete a global assessment of Sciaenidae fishes and to establish a global study group to advance research on all aspects of Sciaenidae for their conservation.

3. Freshwater Sciaenidae Aquaculture: Four genera and 24 species of Sciaenidae fish have fully adopted in South American rivers. One of the eight silver croakers (*Plagioscion aquamosissimus*) has been subjected to *in situ* experimental cage culture. The project is developed within the rural community with the first stage of outgrow and management of breeding stock succeed. It can be an alternative low cost and environmentally friendly enterprise for rural people.

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