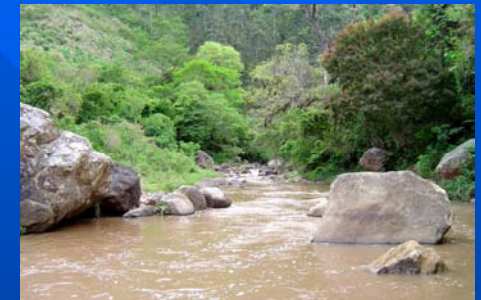


# The Bolivian *Hypostomus* Expedition

## SI Funding Proposal 05-35



### **Fernando M. Carvajal Vallejos**

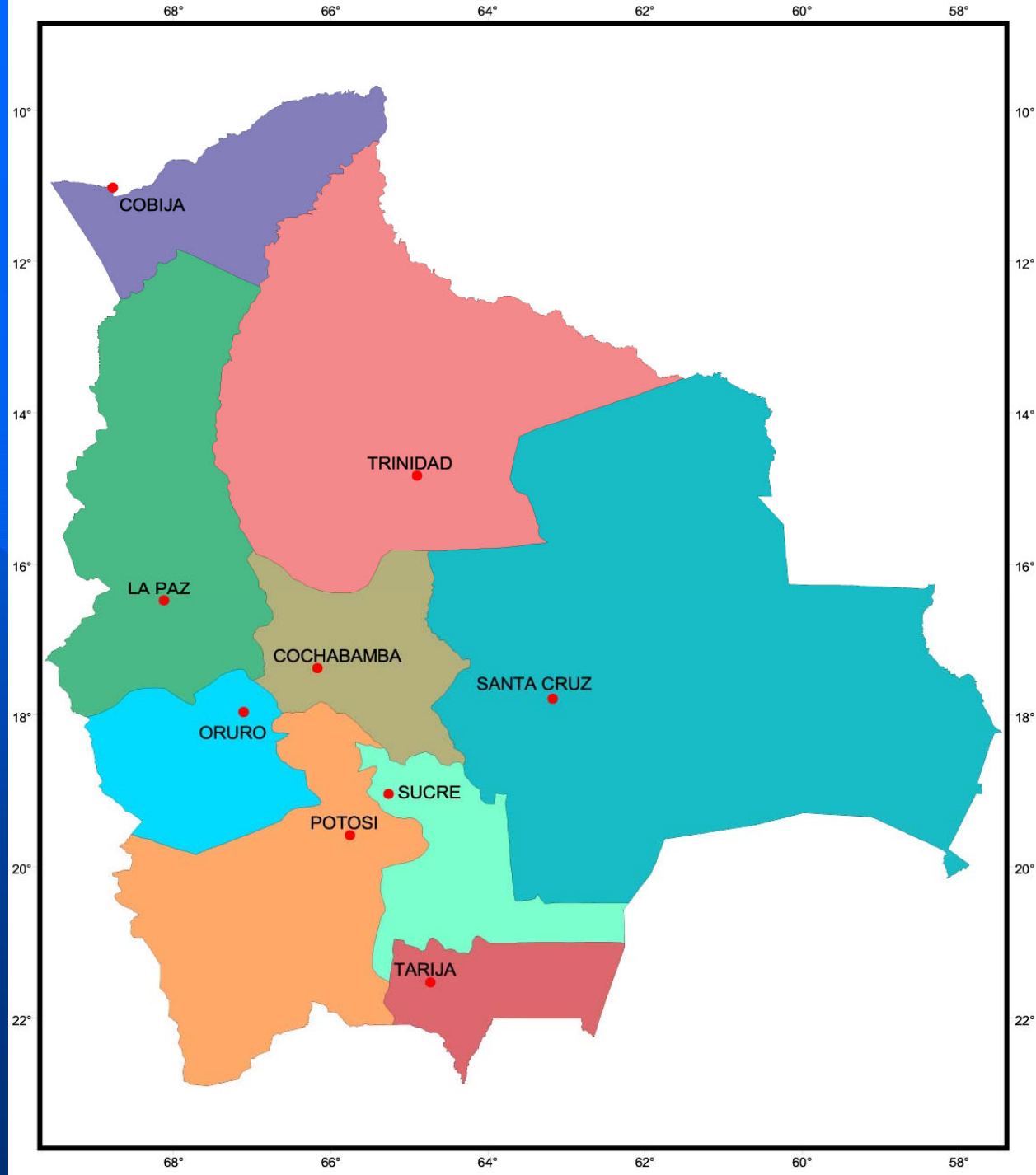
Laboratorio de Ictiología, Unidad de Limnología y Recursos Acuáticos (ULRA), Facultad de Ciencias y Tecnología (FCyT), Universidad Mayor de San Simón (UMSS), Cochabamba, BOLIVIA

### **Claudio Henrique Zawadzki**

Universidade Estadual de Maringá, Departamento de Biologia, Maringá-PR, BRAZIL

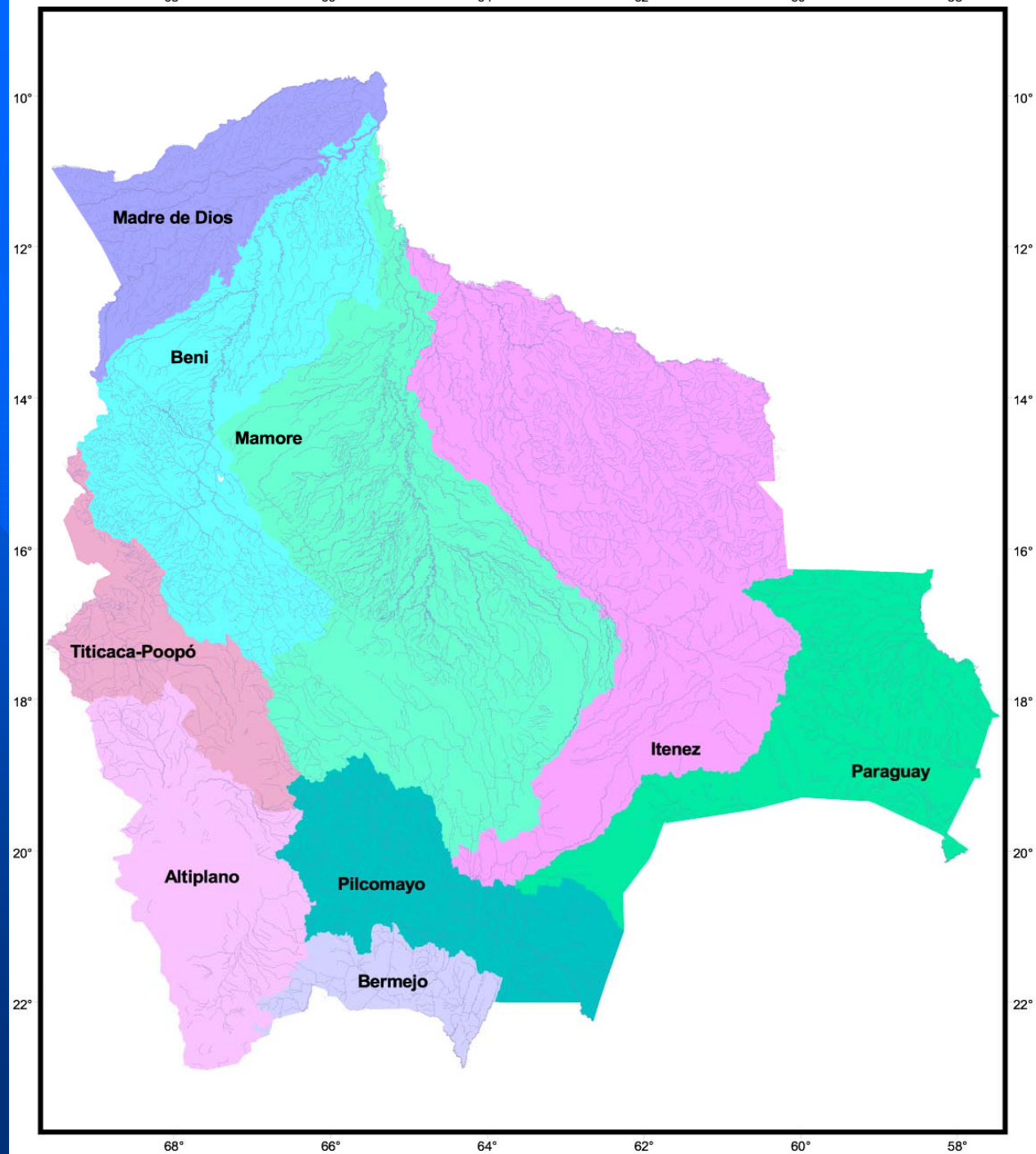
# BOLIVIA

## and its states



Cartographic design:  
Milton Zapata (FaunAgua)

# Bolivian basins



Cartographic design:  
Milton Zapata (FaunAgua)



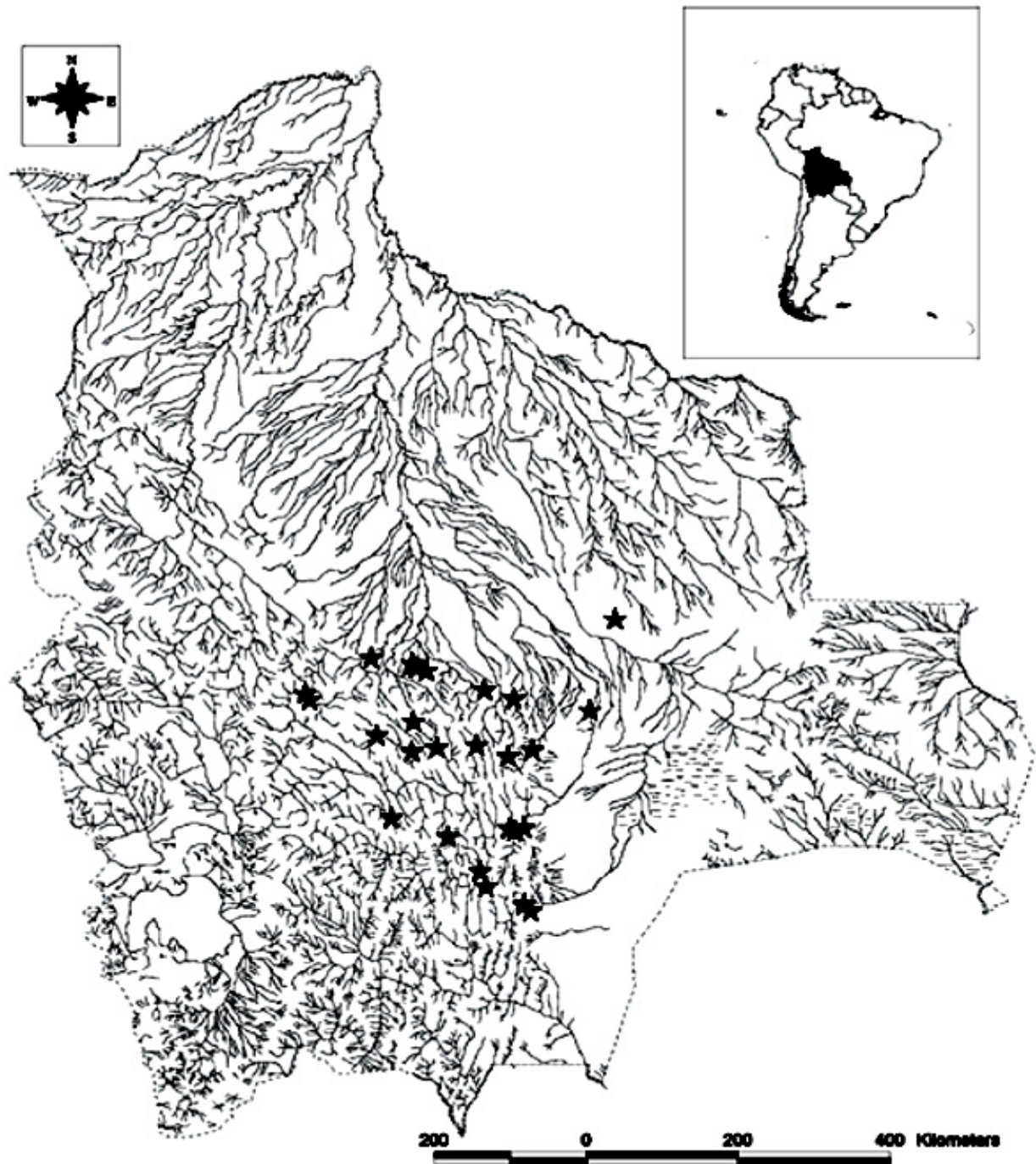
# Orography of Bolivia



Cartographic design:  
Instituto Geográfico Militar  
(Bolivia)



# Expedition route



Cartographic design:  
Milton Zapata (FaunAgua)

# Cochabamba state



**First view of the Andes**



**Cochabamba  
city**



**Mabel, Fernando  
and Claudio**



# *Hypostomus* in the Universidad Mayor de San Simón





# Other Loricariids



# Other siluroids, Astroblepidae





# BHE Team



**Claudio, Evans, Mabel, don Jorge, Adalid, Fernando and Dany**



# Going to Villa Tunary



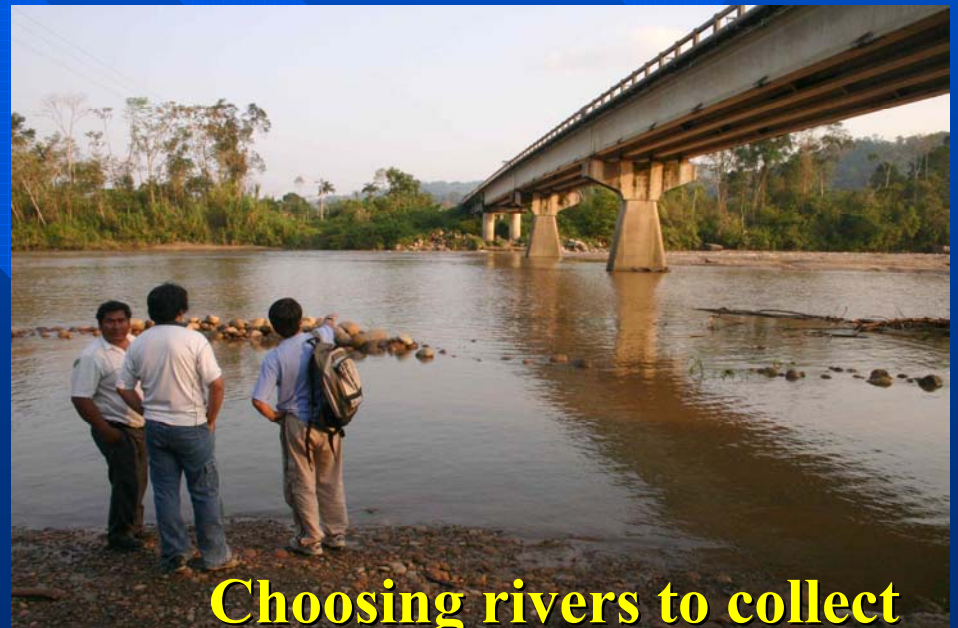
**Salteñas and tumbo juice**



**The dry west slope**



**The moist east slope**



**Choosing rivers to collect**



# Villa Tunari, Chapare



**The first hotel of the expedition**



# Electric fishing at Ivirgarzama river





# Víbora river



Fernando looking for the  
best point to collect



# ...Vibora River

Hard work...



17 10 2005



# The food



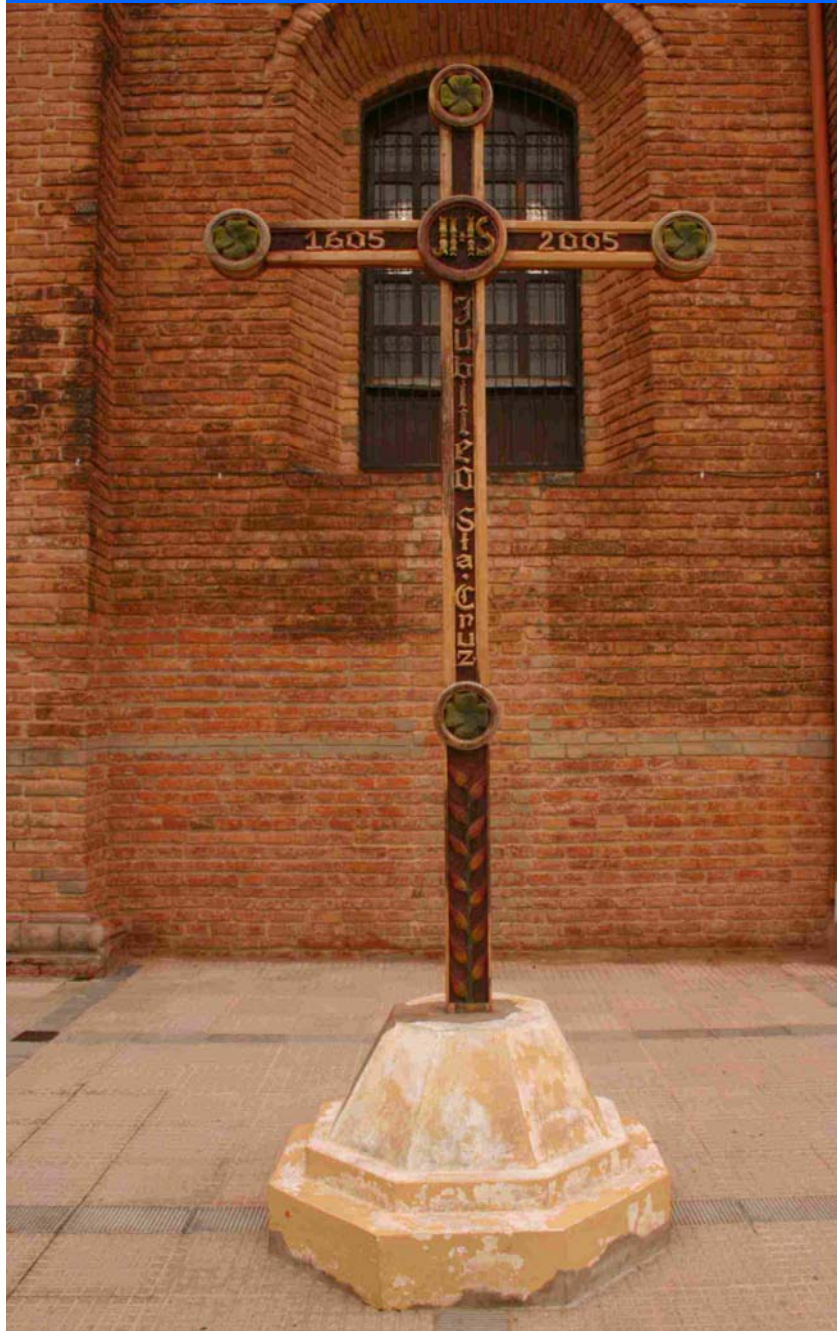
**Tatú for lunch** 17 10 2005



**Jochi for lunch** 17 10 2005



# At Santa Cruz de La Sierra





# At Santa Cruz de La Sierra



Museo de Historia Natural Noel Kempff Mercado

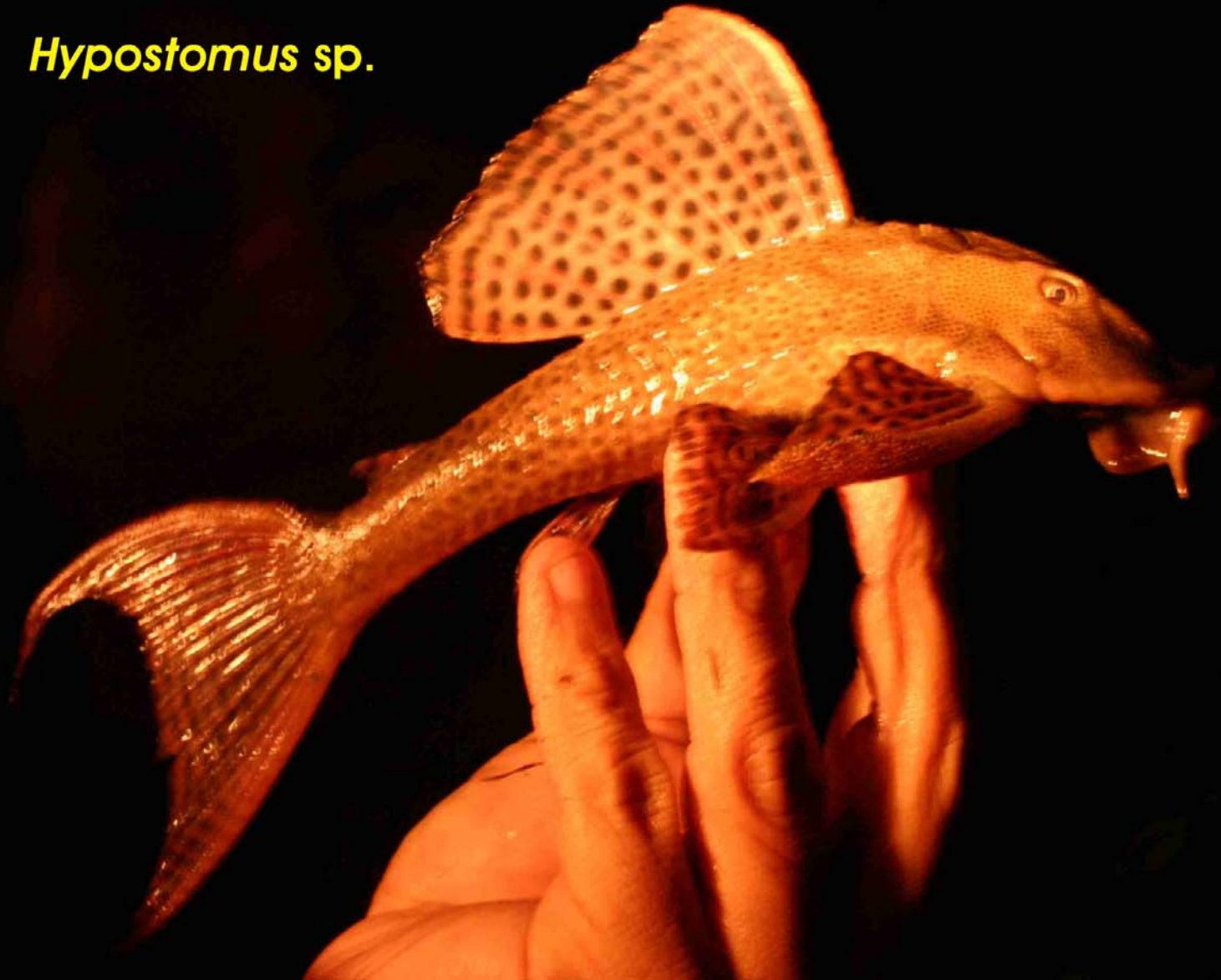


# Quiser river



# Quiser river

*Hypostomus* sp.





# Grande river near Abapó town



20 10 2005

# Southern dry landscapes





# Ñancahuazu river and its 37°C water

## Ernesto 'Che' Guevara route





# Parapetí river



*Hypostomus* sp.





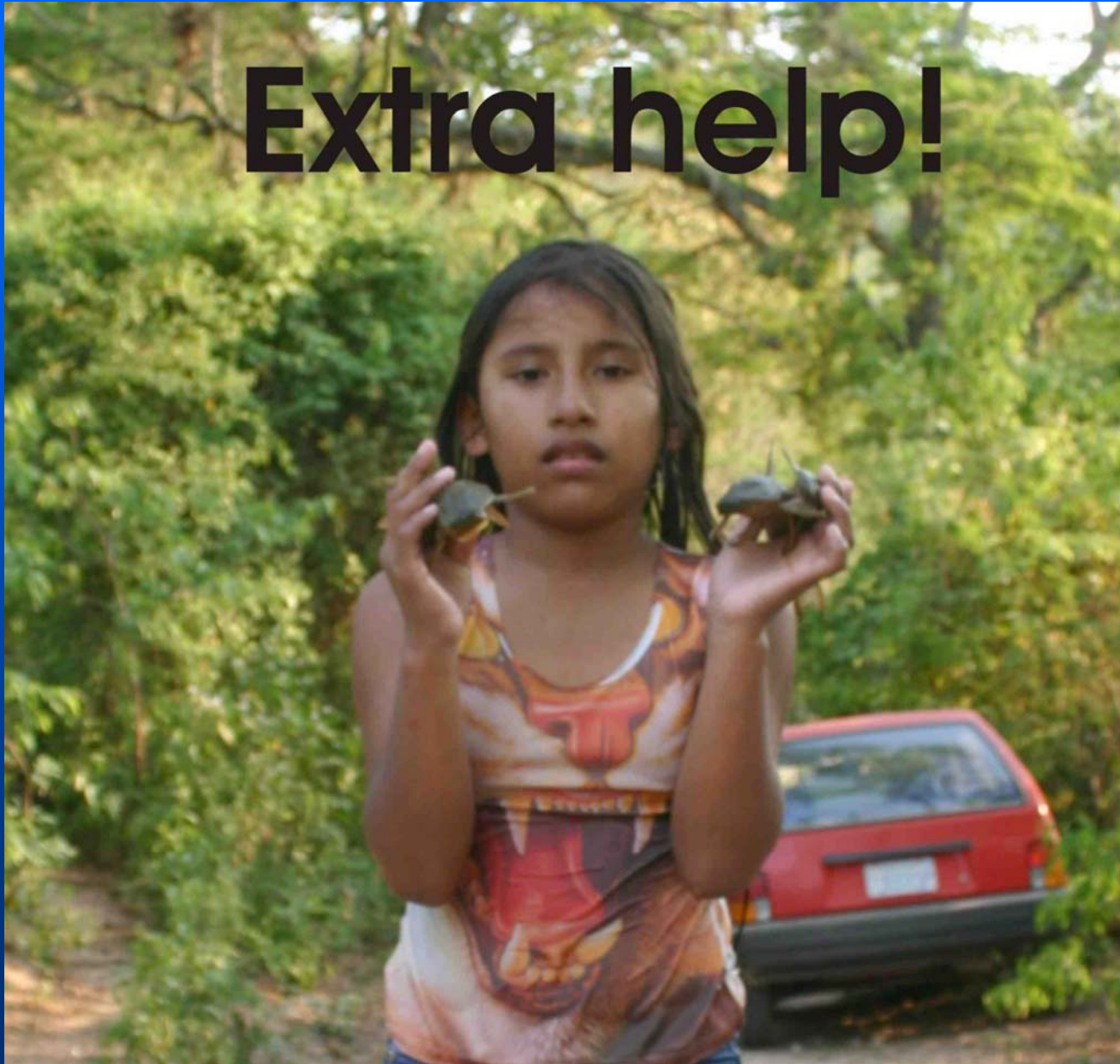
# Heredia river at Monteagudo



23 10 2005

# Heredia river at Monteagudo

**Extra help!**





# La Paz city



# Loricariids at Museo Nacional de Historia Natural, La Paz

*Ixinandria montebelloi*



*Lamontichthys filamentosus*



*Planiloricaria cryptodon*



*Rineloricaria beni*



*Rineloricaria* sp.



*Rineloricaria* sp.



*Hypostomus bolivianus* - CBF 7147



*Hypostomus boulengeri*



*Hypostomus cochliodon*



*Hypostomus* sp. - CBF 6147



*Hypostomus* sp. - CBF 5990

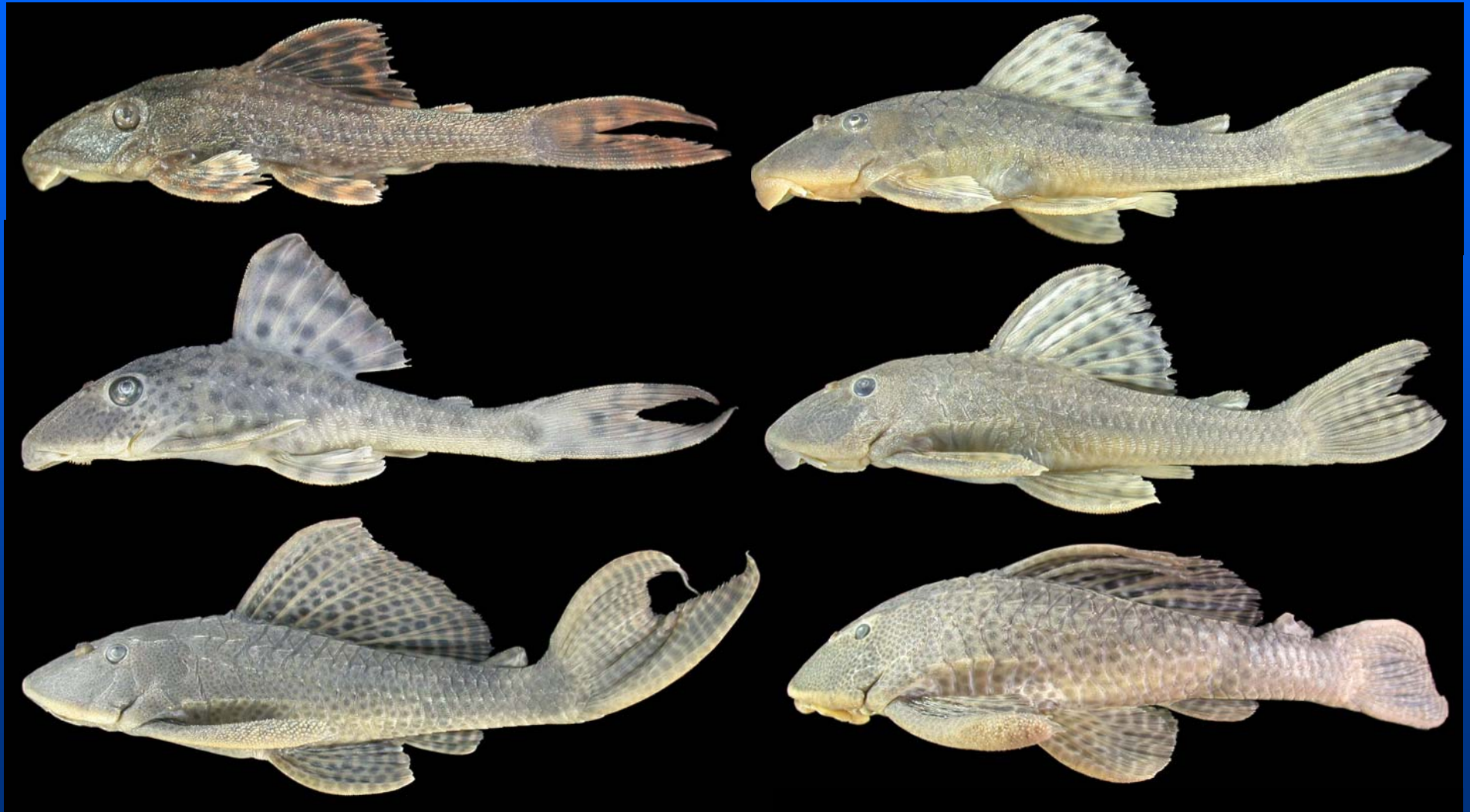


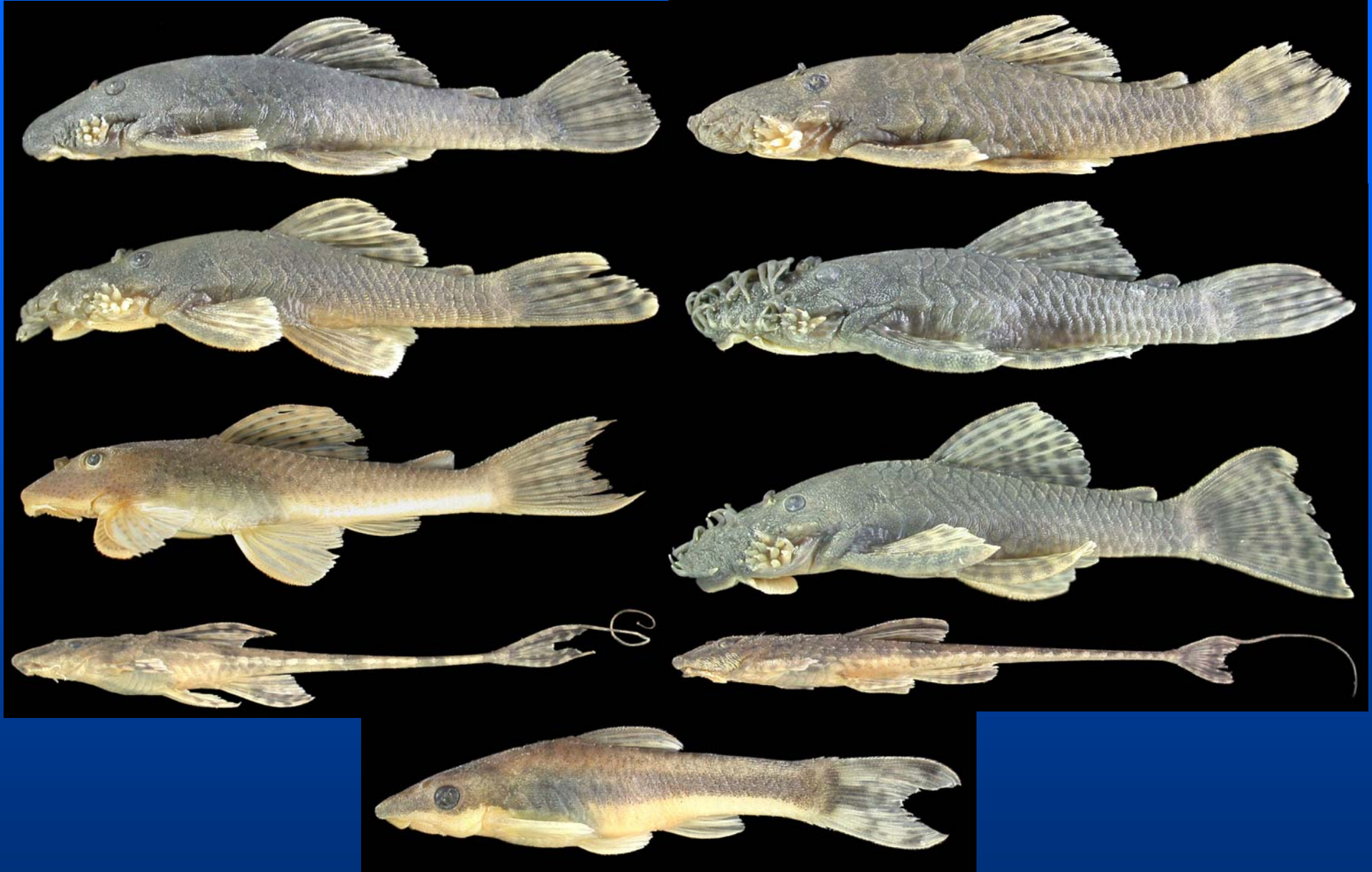
*Hypostomus* sp. - CBF 7323





# Some loricariids collected during the Bolivian *Hypostomus* Expedition









# Some trichomycterids collected during the Bolivian *Hypostomus* Expedition





# Some heptapterds collected during the Bolivian *Hypostomus* Expedition



# Some pimelodids collected during the Bolivian *Hypostomus* Expedition





# Some callichthyids collected during the Bolivian *Hypostomus* Expedition



# Other siluriforms collected during the Bolivian *Hypostomus* Expedition





**The end**

19 10 2005

**Bye, I am  
going home!**

