

Fishes of the Rio Cristallino

24.02.-28.02.2006

by Timo Moritz & Vivica von Vietinghoff
during a zoological excursion from the University of Tübingen (Germany)
supervised by Dr. Rainer Radtke

Erythrinidae (Trahiras)



Hoplias macrophthalmus
(PELLEGRIN, 1907)

- two big specimens (60 cm) in basket traps at the boat landing stage.

Serrasalmidae (Piranhas)



Serrasalmus spilopleura KNER 1858

- probably the only piranha species in the Rio Cristallino (referring to the guides)

Anostomidae (Headstanders)



Leporinus granti-group

- single specimen at the boat landing site

Characidiidae ("Bottom dwelling characins")



Characidium fasciatum-group

- - common in the clear water brook close to the salt-lick



Characidium sp.

- single specimen caught at night
- more slender than previous species

Curimatidae ("Barbus-Characins")



unknown species
probably genus *Curimata*



Steindachneria sp.

- - several specimens at boat landing site

Prochilodontidae



Prochilodus sp.

- determination difficult, probably a juvenile of *Semaprochilodus*



Semaprochilodus brama ?
(VALENCIENNES, 1850)

Characidae - Bryconinae



Brycon falcatus
MÜLLER & TRÖSCHEL, 1844



Brycon cf. *rubricauda*

Characidae - Tetragonopterinae



***Astyanax* sp. (aff. *brevirohinus*)**

- common



***Bryconops melanurus* (BLOCH, 1794)**

- common in the river, open-water



***Cregaturus* sp.**



***Hyphessobrycon herbertaxelrodi*
GERY, 1961**

Black Neon Tetra

- in Igapos



Moenkhausia sanctofiliomenae
(STEINDACHNER, 1907)

Red eyed Moenkhausia

- common in the river and in Igapos



***Stethaprion erythrops* COPE, 1870**

- sometimes placed in separate subfamily: Stetaprioninae



Tetragonopterus argenteus
Cuvier, 1817

Silver Tetra



***Thayeria boelkhei* Weitzman, 1957**

Blackline penguinfish



Unknown characid **C1**



Unknown characid **C2**



Unknown characid **C3**



Unknown characid **C4**



Unknown characid **C5**



Unknown characid **C6**



Unknown characid **C7**



Unknown characid **C8**



Unknown characid **C9**

- very common

Hemiodontidae - Hemiodontinae



Hemiodopsis sterni GERY, 1964

- single specimen, caught at night close to the bathing platform

Hemiodontidae - Parodontinae



Parodon cf. nasus

- determination unsure
- single specimen in trap at 27.02

Calliichthyidae (Armored Catfish)



Corydoras sp.

- several specimens in shallow water at night

Loricariidae (Suckermouth Armored Catfish)



Otocinclus sp.

- - single specimen in clear water brook close to salt-lick



Rinoloricaria sp.



not determined loricariid L1



not determined loricariid L2



not determined loricariid L3
probably *Parotocinclus* sp.

Pimelodidae (Long-Whiskered Catfish)



Pimelodella gracilis (VALENCIENNES,
1835)

- very common at night in shallow water



Sorubimichthys planiceps (SPIX &
AGASSIZ, 1829)

- several specimens in basket traps



Sorubim lima (BLOCH & SCHNEIDER,
1801)

- common in river-connected
lgapos at night close to the
surface



not determined pimelodid **P1**

Cetopsidae (Whalelike Catfish)



Cetopsis sp.

- common at night swimming non-stop along the surface

Auchenipteridae (Driftwood catfish)



Tatia sp.



Gelanoglanis sp.

- species new to science
- single specimen burrowing often into sand
- colouration: metallic blue, jaws transparent
- long barbels

Sternopygidae



Eigenmannia cf. virescens
(VALENCIENNES, 1842)

- only a single specimen caught, but several heard using electric fish detector

Rhamphichthyidae



Gymnorhamphichthys rondoni
(MIRANDA RIBEIRO, 1920)

- single specimen in river-connected Igapo at night

Cichlidae (Cichlids)



***Crenicichla* sp. 1**

- single specimen, caught at night at the boat landing site



***Crenicichla* sp. juvenile**
probably juvenile of *C. sp.1*

- single specimen from Igapo north of the lodge



Crenicichla sp.2

- single specimen, get stuck in the leading net of a trap
- dorsum green, belly pink, opercular region yellow, slightly higher than *C. sp1*



Geophagus sp.

- - several specimens at night close to the boat landing site