

## On the erroneous listing of *Ctenobrycon multiradiatus* from Argentina.

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### Abstract

The presence of *Ctenobrycon multiradiatus* (Steindachner, 1876) in faunal lists for Argentina is attributed to a read error of Ringuélet et al. (1967). The species is considered not to be distributed in Argentina.

### Resumen

La presencia de *Ctenobrycon multiradiatus* (Steindachner, 1876) en listas faunísticas de Argentina se atribuye a un error de lectura por Ringuélet et al (1967). Se considera que la especie no está distribuida en Argentina.

### Introduction

Ringuélet et al. (1967) listed *Ctenobrycon multiradiatus* with a record from Tucumán province with reference to Boulenger (1895). Besides the mere listing of Boulenger's record, Ringuélet et al. also stated that Eigenmann (1910) had doubts about the distribution of this species in Tucumán and the Paraguay river basin (fig. 2). Recently Benine & Casatti (2003) listed *Tetragonopterus multiradiatus* Steindachner, 1876 as a doubtful species in the genus *Ctenobrycon*, as no types are available, and give the type locality from the Amazon basin as the only distributional information.

### Discussion

When Ringuélet et al. (1967) listed *Ctenobrycon multiradiatus* with a record from Tucumán province they must have referred to the information 'a single specimen, from S. Pablo, prov. Tucuman' (originally in French) which is printed one line above the first mentioning of *Tetragonopterus multiradiatus*. Actually this phrase belongs to the previous species' account of *Nanognathus borellii*, *T. multiradiatus* is clearly cited from Colonia Risso, a village in Paraguay (fig. 1). Also, Ringuélet et al. (1967) listed *Nanognathus borellii* as from 'S.Pablo, (Paraguay)' and here mixed up the localities in Tucumán

#### 8. *Nanognathus borellii*, sp. n.

Hauteur du corps  $4\frac{1}{4}$  fois dans la longueur totale, longueur de la tête  $4\frac{3}{4}$  fois. Largeur de la bouche moindre que le diamètre interoculaire; huit dents à la mâchoire supérieure, autant à l'inférieure; maxillaire s'étendant jusqu'au dessous de la narine postérieure; diamètre de l'oeil un peu moindre que la longueur du museau, compris 5 fois dans la longueur de la tête; diamètre interoculaire 4 fois dans la longueur de la tête. Dorsale à 10 rayons, commençant un peu plus près du bout du museau que de la base de la caudale, le sixième rayon correspondant au premier rayon de la ventrale; dorsale adipeuse petite mais bien développée. 7 rayons à l'anale. Caudale assez faiblement échancrée. L. lat. 37; 1 tr.  $\frac{41}{5}$ . Brun olivâtre en dessus, jaunâtre en dessous; une bande grisâtre s'étendant de chaque côté, au dessus de la ligne latérale, jusqu'à la base de la caudale.

Longueur totale 75 millim.

Un seul exemplaire, de S. Pablo, prov. Tucuman.

9. *Tetragonopterus multiradiatus*, Stdr. — Colonia Risso.
10. *Tetragonopterus agassizii*, Stdr. — Colonia Risso.
11. *Tetragonopterus maculatus*, L. — Colonia Risso.
12. *Tetragonopterus gracilis*, Ltk. — Villa Rica.
13. *Chirodon*, sp. — Colonia Risso. Un seul spécimen, en mauvais état.

#### CTENOBRYCON Eigenmann.

Type: *Tetragonopterus hauxwellianus* Cope.

Range: Amazons.

- A1. *Ctenobrycon hauxwellianus* (Cope).  
*Tetragonopterus gibbicervix* Pellegrin.  
Habitat: Amazons; Paraguay.
- A2. *Ctenobrycon multifasciatus* (Steindachner).  
Habitat: Amazon.
3. *Ctenobrycon spilurus* (Cuvier & Valenciennes).  
Habitat: Guianas.
4. *Ctenobrycon alleni* (Eigenmann & McAtee).  
Habitat: Paraguay.

Scans of respective literature:

Fig. 1 Boulenger, 1895: 3 (left)

Fig 2. Eigenmann, 1910: 435 (above)

and Paraguay between both species from Boulenger's paper. Thus, Ringuélet et al. based their record of *Ctenobrycon multiradiatus* from Tucumán on a read error and later authors (López et al., 1987, 2003; Menni, 2004) probably have copied this information uncritically.

As no other record of *Ctenobrycon multiradius* is known from a locality in Argentina, it is hereby considered that this species does not occur in Argentinean freshwaters. Until further collections would confirm its presence in Argentina it should not be listed as part of its ichthyofauna.

When in 1895 Boulenger assigned *Ctenobrycon multiradiatus* to the locality of Colonia Risso, *C. alleni* (Eigenmann & McAtee, 1907) had not been described yet from Paraguay and thus, he possibly had a specimen of the latter in hands.

## References

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### recommended form for reference:

Koerber, S. (2011):  
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