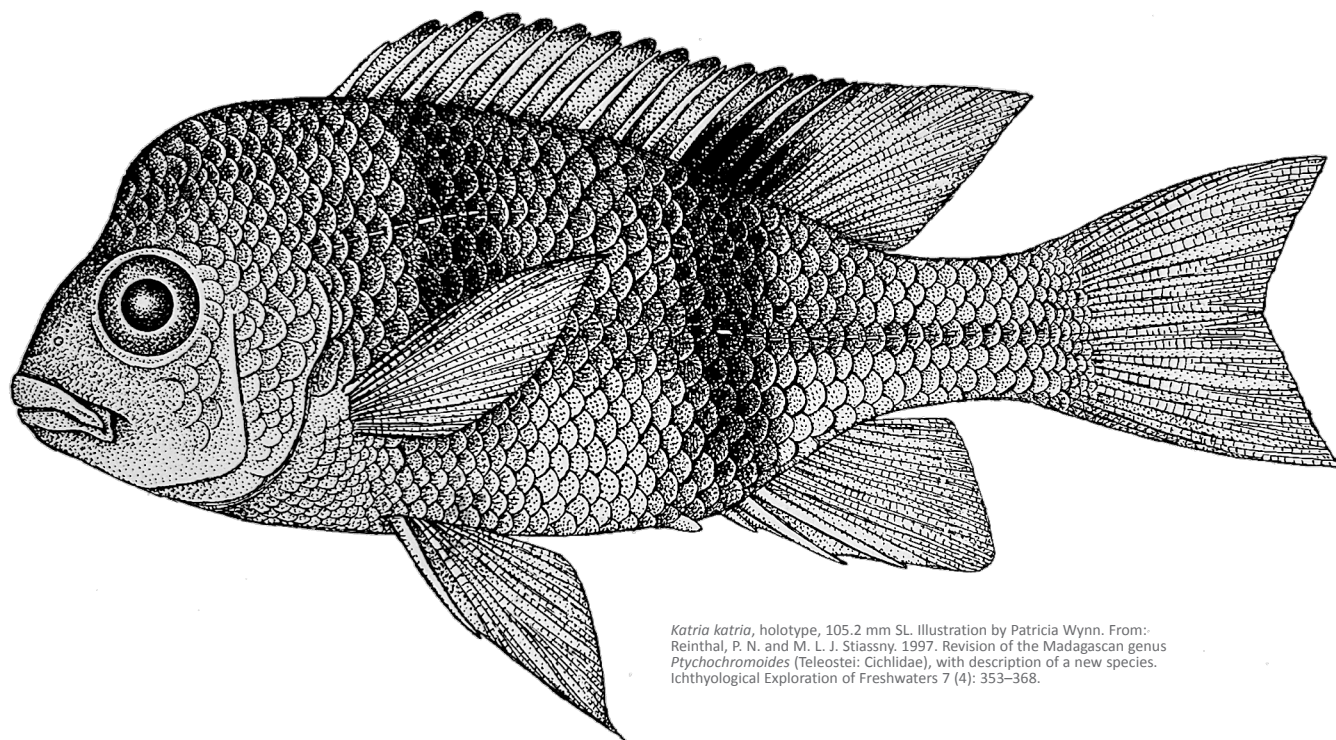


Order CICHLIFORMES

Madagascan Cichlids

Family CICHLIDAE

Subfamily PTYCHOCHROMINAE Sparks 2004



Katria katria, holotype, 105.2 mm SL. Illustration by Patricia Wynn. From: Reinthal, P. N. and M. L. J. Stiassny. 1997. Revision of the Madagascan genus *Ptychochromoides* (Teleostei: Cichlidae), with description of a new species. *Ichthyological Exploration of Freshwaters* 7 (4): 353–368.

Katria

Stiassny & Sparks 2006

tautonymous with the only described species

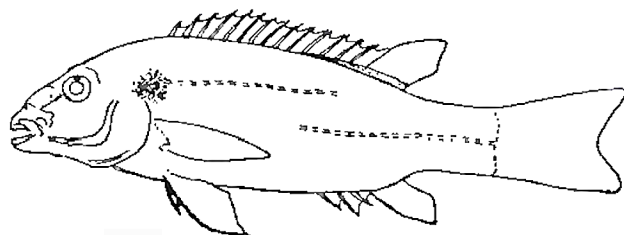
Katria katria (Reinthal & Stiassny 1997) local name for this cichlid in the Marolambo region of eastern Madagascar, type locality

Oxylapia

Kiener & Maugé 1966

oxýs (ὄξύς), sharp or pointed, allusion not explained, perhaps referring to slender, elongate body (an adaptation to living in swift water); *-lapia*, perhaps referring to relationship with *Paratilapia* or to *tilapia*, Latinization of *lapi*, !Kung word for fish ("!") pronounced as a click, transcribed as "t"), often used as a catch-all term for African cichlids

Oxylapia polli Kiener & Maugé 1966 in honor of Belgian ichthyologist Max Poll (1908–1991), who studied African cichlids and guided the authors' research



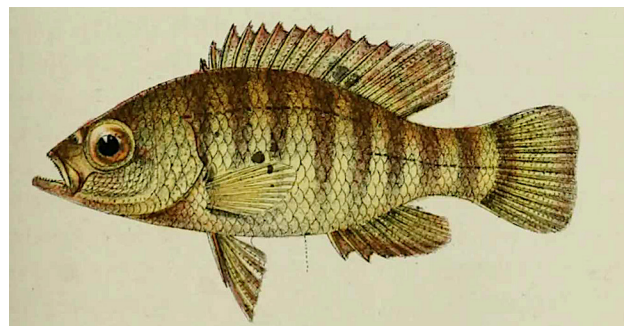
Oxylapia polli. From: Kiener, A. and M. Maugé. 1966. Contributions à l'étude systématique et écologique des poissons Cichlidae endémiques de Madagascar. *Mémoires du Muséum National d'Histoire Naturelle Serie A Zoologie* 40 (2): 51–99, Pls. 1–4. [Authorship as M. Maugé; believed to be A. L. Maugé.]

Paratilapia

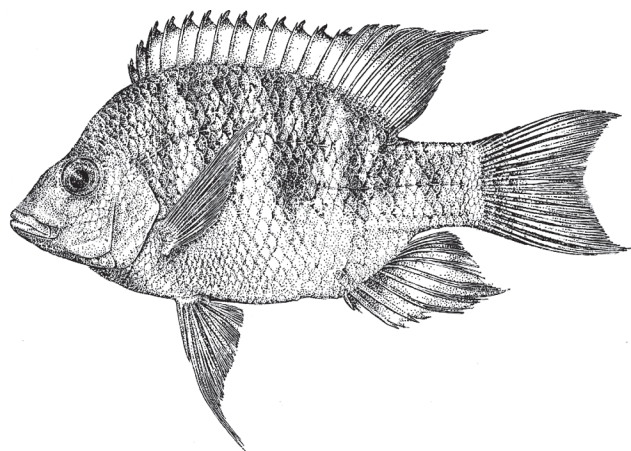
Bleeker 1868

pará (παρά), near, allusion not explained, presumably referring to its similarity to and/or presumed relationship with *Tilapia* (although Bleeker regarded it closest to *Hemichromis*, now in *Pseudocrenilabrinae*)

Paratilapia polleni Bleeker 1868 in honor of Dutch naturalist and merchant François Pollen (1842–1888), who collected holotype with Dutch explorer and naturalist Douwe Casparus van Dam (1827–1898) [see *Paretroplus damii*, *Etroplinae*]



First-published image of *Paratilapia polleni* (as *Paracara typus*, a junior synonym). From: Illustration by Ludwig Speigler. Bleeker, P. 1878. Sur deux espèces inédites de Cichloides de Madagascar. *Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeling Naturkunde (Serie 2)* 12: 192–198, Pl. 3.



Ptychochromis makira, holotype, adult, 146.2 mm SL. Illustration by Ian Hart. From: Stiassny, M. L. J. and J. S. Sparks. 2006. Phylogeny and taxonomic revision of the endemic Malagasy genus *Ptychochromis* (Teleostei: Cichlidae), with the description of five new species and a diagnosis for *Katria*, new genus. American Museum Novitates 3535: 1–55.

Ptychochromis Steindachner 1880

ptychós (πτυχός), genitive of *ptýx* (πτύξ), layer or fold, presumably referring to compressed lamellar flap on first gill arch of *P. oligacanthus*; *Chromis* (now in Pomacentridae but historically included many African cichlids), referring to similar dentition to that genus

***Ptychochromis curvidens* Stiassny & Sparks 2006** *curvus* (L.), bent or curved; *dens* (L.), tooth, referring to its apomorphically recurved oral jaw dentition

***Ptychochromis ernestmagnusi* Sparks & Stiassny 2010** in honor of Ernest Magnus (1908–1983), a German-American marine biologist and ichthyologist, named at the request of Rudolf G. Arndt (1941–2019), German-born American biologist, whose “generous gift” supported the authors’ research (Magnus was Arndt’s uncle and was instrumental in helping Arndt’s family survive in Berlin after World War II and then immigrate to New York City in 1950, providing food, clothing, shelter, love, many kindnesses and moral support; R. G. Arndt, pers. comm.) [note: the authors misspelled Arndt’s first name as “Rudolph”]

***Ptychochromis grandidieri* Sauvage 1882** in honor of French naturalist and explorer Alfred Grandidier (1836–1921), who, along with Henri Joseph Léon Humblot (1852–1914), collected holotype

***Ptychochromis inornatus* Sparks 2002** Latin for undecorated or unadorned, referring to lack of lateral spotting or barring and overall plain appearance

***Ptychochromis insolitus* Stiassny & Sparks 2006** Latin for unusual or strange, referring to its “somewhat atypical appearance” compared with congeners (e.g., shallow bodied) and the “anomalous morphology” of the aquarium-raised specimens examined in the authors’ study (e.g., absence of a “free” second epibranchial toothplate, a diagnostic feature of the genus)

***Ptychochromis loisellei* Stiassny & Sparks 2006** in honor of Paul V. Loiselle (1945–2025), Emeritus Curator of Freshwater Fishes, New York Aquarium, who collected holotype, for his many contributions to the understanding and conservation of Madagascar’s freshwater fishes

***Ptychochromis mainty* Martinez, Arroyave & Sparks 2015** Malagasy word for black, referring to its uniform dark pigmentation pattern in alcohol and large black midlateral blotch in life

***Ptychochromis makira* Stiassny & Sparks 2006** named for the Makira region of northeastern Madagascar, where it appears to be endemic

***Ptychochromis oligacanthus* (Bleeker 1868)** *oligos* (ὀλίγος), few or scanty; *acanthus* (L.), from *ákantha* (ἄκανθα), thorn, referring to reduced number of dorsal-fin spines compared with presumed congeners in *Tilapia* known at the time

***Ptychochromis onilahy* Stiassny & Sparks 2006** named for the Onilahy River, southwestern Madagascar, only known area of occurrence

Ptychochromoides

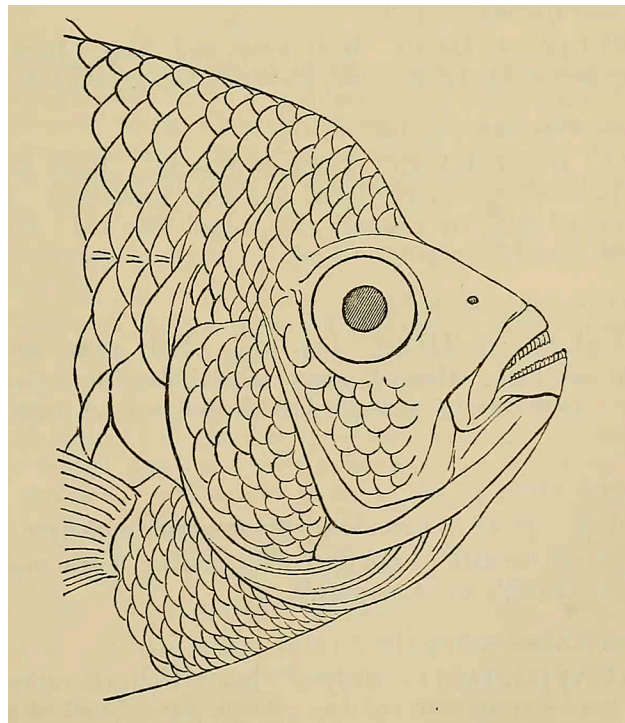
Kiener & Maugé 1966

-oides, Neo-Latin from *éidos* (εἶδος), form or shape: referring to similarity to, and previous placement of *P. betsileanus* in, *Ptychochromis*

***Ptychochromoides betsileanus* (Boulenger 1899)** *-anus* (L.), belonging to: Betsileo region, southern central highlands of Madagascar, type locality

***Ptychochromoides itasy* Sparks 2004** named for Lake Itasy, a crater lake in the central highlands of Madagascar, type locality (where it is now extirpated)

***Ptychochromoides vondrozo* Sparks & Reinthal 2001** named for Vondrozo, nearest village to type locality (Ramanara River, Fianarantsoa Province), southeastern Madagascar



Ptychochromoides betsileanus. From: Boulenger, G. A. 1899. A revision of the African and Syrian fishes of the family Cichlidae. Part II. Proceedings of the Zoological Society of London 1899 (1): 98–143, Pls. 11–12.