Order CICHLIFORMES (part 1 of 10)

Family CICHLIDAE Cichlids (part 1 of 7)
Subfamily Etroplinae
3 genera · 16 species

**Etroplus** Cuvier 1830
- *etron*, belly; *[h]oplon*, armor, referring to prominent anal-fin spines

**Etroplus canarensis** Day 1877
- *ensis*, suffix denoting place: South Canara, southwestern India, type locality

**Etroplus suratensis** (Bloch 1790)
- *ensis*, suffix denoting place: Suratte, India, type locality (also occurs in Sri Lanka; introduced in Singapore)

**Paretroplus** Bleeker 1868
- *para*-, near, i.e., similar to *Etroplus* but distinguished by its dentition

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

**Paretroplus damii** Bleeker 1868
compound Malagasy word (pronounced damhab bay); *damba*, originally used by Merina fish traders for a number of species of *Paretroplus* in northwestern Madagascar; *bc*, large, referring to large size relative to most congeners

**Paretroplus gymnopreopercularis** Sparks 2008
- *gymnos*, bare or naked, referring to scaleless preopercle

**Paretroplus kieneri** Arnoult 1960
in honor of André Kiener, French fisheries researcher who conducted numerous studies in Madagascar in the 1950s and 1960s and provided type specimens (he also co-described *P. maculatus*)

**Paretroplus lamenabe** Sparks 2008
compound Malagasy word: *lamena*, red one; *bc*, large, referring to both coloration in life and large size relative to members of its sister clade, *P. tsimoly* and *P. nourissati*

**Paretroplus loisellei** Sparks & Schelly 2011
in honor of Paul V. Loiselle, Emeritus Curator of Freshwater Fishes at the New York Aquarium, for directing the authors’ attention to this new taxon, and for his efforts to document, preserve, and educate the public regarding Madagascar’s unique and severely threatened freshwater ichthyofauna

**Paretroplus maculatus** Kiener & Maugé 1966
spotted, referring to black humeral spot, which gets bigger as fish gets older

**Paretroplus maromandia** Sparks & Reinhart 1999
Maromandia, town and general region in northwestern Madagascar, type locality (from the Malagasy *maro*-, many, and *-mandia*, "to tread on or to go on a way [=journey]")

**Paretroplus menarambo** Allgayer 1996
local Malagasy name for this cichlid (mea, red; rambo, tail), referring to vivid red caudal-fin margin of mature specimens

**Paretroplus nourissati** (Allgayer 1998)
in honor of cichlid aquarist and collector Jean Claude Nourissat (1942-2003), who risked his life looking for new species in Madagascar, including this one (he died from malaria three days after returning from his last trip there)

**Paretroplus petiti** Pellegrin 1929
in honor of zoologist-anatomist Georges Petit (1892-1973), Muséum national d’Histoire naturelle (Paris), who collected type

**Paretroplus polyactis** Bleeker 1878
- *poly*, many; *actis*, ray, allusion not explained, perhaps referring to more soft anal-fin rays (13-16) compared to *P. damii* (11-12), the only other species known at the time (Sparks [2008] interprets *actis* to mean ray [of light] or sunbeam, probably referring to reddish, orange and brown coloration in life)
Paretropus tsimoly Stiassny, Chakrabarty & Loiselle 2001
Malagasy name (pronounced tsee-mool) for this cichlid in the Sakalava dialect spoken in the Akalimilotrabe region of Madagascar, type locality

Pseudetroplus Bleeker 1862
pseudo-, false, i.e., although similar to Etroplus, such an appearance is false

Pseudetroplus maculatus (Bloch 1795)
spotted, allusion not explained, referring to rows of small orange spots on body and/or 2-5 large sooty spots on sides

Subfamily Ptychochrominae Malagasy Cichlids
5 genera - 16 species

Katria Stiassny & Sparks 2006
tautonymous with Ptychochromoides katria

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

Oxylapia Kiener & Maugé 1966
oxy, 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 'lapı,' Kung word for fish (“l” pronounced as a click, transcribed as “tl”), 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

Paratilapia Bleeker 1868
para-, near, allusion not explained, presumably referring to its similarity to and/or presumed relationship with Tilapia (although Bleeker regarded it closest to Hemicromis, now in Pseudocrenilabrinae)

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

Ptychochromis Steindachner 1880
psycho, fold or flap, 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
curvas, curve; dens, teeth, referring to its apomorphically recurved oral jaw dentition

Ptychochromis ernestmagnusi Sparks & Stiassny 2010
in honor of Ernest Magnus (1908-1983), at the request of the family of Rudolf G. Arndt, a German-American marine biologist and ichthyologist, 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. Årnt, 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 type

_Ptychochromis inornatus_ Sparks 2002
plain or unadorned, referring to lack of lateral spotting or barring and overall plain appearance

_Ptychochromis insolitus_ Stiassny & Sparks 2006
unusual, odd or queer, referring to its “somewhat atypical appearance” compared to 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, Emeritus Curator of Freshwater Fishes at the New York Aquarium, who collected type, 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_, few; _acanthus_, spine, referring to reduced number of dorsal-fin spines compared to 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, having the form of: referring to similarity to (and previous placement of _P. betsileanus_) in _Ptychochromis_

_Ptychochromoides betsileanus_ (Boulenger 1899)
~anus, 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 & Reinhall 2001
named for nearest village to type locality, Ramanara River, Fianarantsoa Province, southeastern Madagascar