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NOTES ON A SMALL COLLECTION OF FISHES FROM
KAMERUN, WEST AFRICA

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In 1907-8 Mr. George Schwab made a miscellaneous collection of animals for the Museum of Zoology at Efulan (or Efulen), Kribi, Kamerun, West Africa; among these are eighteen fishes, representing the ten species listed below. All but one of these (*Mastacembelus goro*) have been obtained at the same locality by Mr. G. L. Bates, whose collections Dr. Boulenger has already recorded.

1. *Marcusenius batesii* Boulenger.—Two topotypes.
2. *Barbus taeniurus* Boulenger.—A single specimen of this very distinctively colored *Barbus*, originally described from Efulan.
3. *Labeo annectens* Boulenger.—Two adults, likewise topotypic.
4. *Clarias walkeri* Günther.—Two specimens, provisionally referred to this species (which apparently is not sharply distinguished from numerous others of the *laeviceps* group), differ from Boulenger's description only in the somewhat shorter maxillary barbels, which, however, are considerably longer than the head.

5. *Allabenchelys longicauda* Boulenger.—The two specimens (112 and 113 mm. long to the caudal fin) of this aberrant genus secured by Mr. Schwab at Efulan depart notably from Boulenger's account of *A. longicauda*, the genotype and oldest species, in many respects agreeing better with *A. brevior* Boulenger, which will probably prove not to be a valid species. These two species,

	<i>A. "brevior"</i>	Two Specimens from Efulan	<i>A. longicauda</i>
Depth of body.....	7.0-8.5	7.1-9.0	9.0-12.0
Length of head.....	5.0-5.5	5.0-5.2	5.5-6.0
Width of bony casque in width of head.....	ca. 2.0	2.0	3.0
Occipital foramen.....	small	small, but distinct	indistinct
Eye in interorbital.....	5.0-6.0	5.4-6.4	6.0
Interorbital width.....	2.5	2.3-2.4	2+
Length in width, premaxillary band of teeth.....	3.0-4.0	4.0-6.0	4.0-5.0
Nasal barbel in head.....	1.5-1.67	1.4-1.75	1.67-2.0
Maxillary barbel..... reaching.....	=or<head not beyond middle of pectoral	<or>head nearly to or be- yond middle of pectoral	=or>head middle or end of pectoral
Outer mandibular barbel....	1.33-1.5	1.1-1.2	1.0-1.5
Inner mandibular barbel....	1.67-2.0	1.67-2.9	1.67-2.0
Occiput to dorsal, in head...	1.33-1.5	1.65-1.7	1.5-1.67
Snout to pelvic, in pelvic to caudal.....	1.5-1.67	1.65	1.75-2.0
Length of pectoral.....	ca. 2.0	1.8	1.67-2.0
Pectoral spine.....	feebly serrate	weakly serrate	smooth or slightly ser- rate
Length of caudal.....	1.5-2.0	1.6-1.65	ca. 1.5
Dorsal rays.....	65-75	83-88	80-90
Anal rays.....	60-65	68 (one)	60-75

until lately the only ones known, were both originally described from the Ja River, Kamerun, but only *longicauda* has been recorded from the Kribi.

In the first and third columns of the following table are given the characters assigned by Boulenger respectively to *A. brevior* and *A. longicauda*; in the middle column are listed the corresponding characters taken from the two specimens in the collection being reported upon.

In both specimens the body is rather inconspicuously vermiculated with light and dark markings, not mentioned by Boulenger, and the caudal fin is crossed toward the margin by a light bar bounding an area in which the pigment becomes more intense from the base of the fin backward.

6. *Amphilius longirostris* Boulenger.—One specimen, a topotype.

7. *Auchenoglanis ballayi* Sauvage.—One individual.

8. *Doumea typica* Sauvage.—Three.

9. *Mastacembelus sclateri* Boulenger.—Three topotypes.

10. *Mastacembelus goro* Boulenger.—A single specimen, representing a new record-station for the species.

