

**FIRST RECORD OF *ERYTHROCLEs MONODI*, POLL & CADENAT, 1954
(PERCIFORMES : EMMELICHTHYDAE) IN THE NORTH-EASTERN ATLANTIC.**

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Résumé.- Première capture d'*Erythrocles monodi* (Poll & Cadenat, 1954) dans l'Atlantique nord-est. Les conditions de captures aux abords du Gouf de Capbreton et les caractéristiques biométriques de ce spécimen sont présentées.

Key-words.- Emmelichthyidae, *Erythrocles monodi*, First Record, ANE, France

One specimen of *Erythrocles monodi* Poll & Cadenat, 1954, was caught for the first time in the North-eastern Atlantic. Biometric data are presented. This specimen of Crimson rover agreed with the descriptions available in the literature (Heemstra, 1972). It was caught at 43°40'N and 1°44'W (Fig. 1) by the vessel « Oiseau des îles » 6-7 miles of Capbreton Bay of Biscay in August 1997, at a depth of 130-140 m by mesh net.

(Fig. 1)

Of the five species of the Genus *Erythrocles* in the Atlantic, Indian and Western Pacific Oceans, *Erythrocles monodi* is the only species in the Atlantic Ocean. In the Eastern Atlantic, *E. monodi* has been collected from off Mauritania and Senegal, the Gulf of Guinea, and off the mouth of the Congo River (Heemstra & Randall, 1977 ; Heemstra, 1990). It is a representative of the benthic-pelagic ichthofaunal community of the outer continental shelf.

(Fig. 2)

Body colour of our specimen was predominantly reddish pink dorsally (Fig. 2) and silvery ventrally. Measurements taken according to Heemstra & Randall, 1977, are given in Table I.

(Table I)

Fin ray, gill-raker and lateral line scale counts are given in Table II according to Heemstra & Randall, 1977.

(Table II)

Mouth without teeth, the well developed distinctive supramaxillary bone is the main character that distinguishes this family from the other percoïd fishes. Lateral line was single and ending at caudal fin bases ; caudal peduncle with a low mid-lateral keel on each side. Dorsal fin divided to the base, but without a distinct gap between the two fins.

The stomach was empty ; it appears that species of this family feed on large zooplankters (Heemstra & Randall, 1977 ; Nor & *al.*, 1985). The biology of this species has not been studied.

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REFERENCES

- HEEMSTRA P.C., 1972.- *Erythrocles monodi* (Perciformes : Emmelichthyidae) in the western Atlantic, with notes on two related species. *Copeia*, 4 : 875-878.
- HEEMSTRA P.C. 1981.- Emmelichthyidae. *In* : Fiches FAO d'identification des espèces pour les besoins de la pêche. Atlantique centre-est ; zones de pêche 34, 47.(Fischer W. Bianchi G. & W.B. Scott eds). Rome : FAO, 374 pp.
- HEEMSTRA P.C. 1990.- Emmelichthyidae. *In* : Check-list of the fishes of the eastern tropical Atlantic, Vol.2 (Quéro J.C., Hureau J.C., Karer C., Post A. & L. Soldanha eds), 767. Paris : UNESCO, SEI, JNICT.
- HEEMSTRA P.C. & J.E. RANDALL, 1977.- A revision of the Emmelichthyidae (Pisces : Perciformes). *Aust. J. Mar. Freshwater Res.*, **28**(3) : 361-396.
- NOR L.A., KYKHAREV N.N. & A. K. ZAYTIEV, 1985.- The biology of *Erythrocles schlegeli* (Richardson) (Emmelichthyidae) of the South China Sea. *J. Ichthyol.*, **25**(2) : 146-149.
- POLL M. & J. CADENAT, 1954.- Description de *Erythrocles monodi* sp.n. de la côte occidentale d'Afrique tropicale. *Bull. Inst. R. Sci. Nat. Belg.* **30**(22) : 1-4.



Photo : P. TRENTIN

Fig. 2.- Specimen of *Erythrocles monodi* Poll & Cadenat, 1954 caught at Capbreton in August 1997. Specimen d'*Erythrocles monodi* Poll & Cadenat, 1954 capturé à Capbreton en Août 1997.

Table I.- Biometric data of *Erythrocles monodi* caught in august 1997 at Capbreton. Caractéristiques biométriques du spécimen d'*Erythrocles monodi* capturé à Capbreton au mois d'Août 1997.

Mesurments	(in mm)	(in % SL)
Total length	440	
Standard length (SL)	390	
Maximum height	110	28,2
Head height	80	20,5
Head length	85	21,8
Pupil diameter	15	3,8
Orbit diameter	30	7,7
Inter-orbit width	40	10,3
Caudal peduncle height	30	7,7
Caudal peduncle width	30	7,7
Second dorsal fin length	160	41
Anal fin length	50	12,8
Caudal fin length	80	20,5
Pectoral fin length	80	20,5
Pelvic fin length	70	18
Eye-mouth length	20	5,1

Table II.- Meristic data of specimen of *Erythrocles mododi*. Caractères méristiques du spécimen d'*Erythrocles monodi*.

*Standard data from (Heemstra & Randall, 1977)

	COUNTS	
	Standard*	Specimen
Dorsal spines	11	11
Fin ray		
dorsal rays	11-12	11
Pectoral rays	18-20	19
Anal rays	9-10	10
Gill-rakers (first)	36-40	38
Lateral line scales	68-72	72

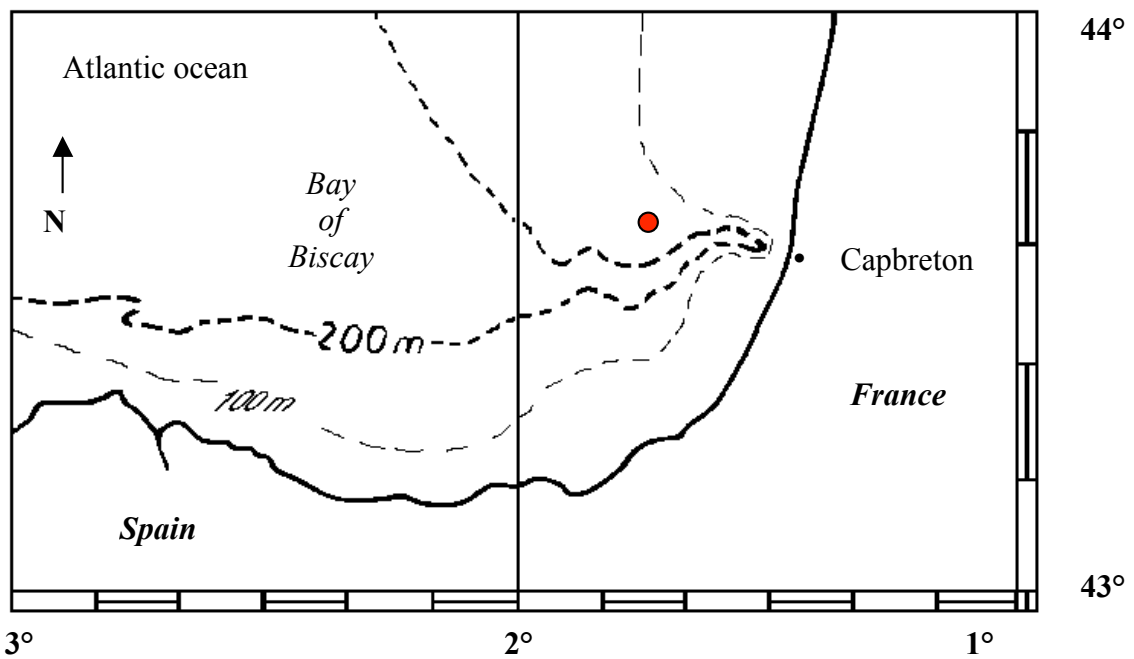


Fig. 1- Record area of *Erythrocles monodi* specimen. Zone de capture du spécimen d'*Erythrocles monodi* (●)