

A new indo-pacific Gobiid Fish *Oxyurichthys papuensis* (Val., 1837) for Eastern Mediterranean Coasts of Turkey

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In this investigation, *Oxyurichthys papuensis* which has been found for the first time among common Red-Sea immigrant species living in eastern-Mediterranean coast of Turkey is being reported and some characteristics of the morphometric and meristic properties of the species is also given.

Gobiidae family has a great importance by species diversity among the marine fish fauna of Turkey. Some of the researches carried out on the gobiidae family living around Turkish coasts, are SOZER (1941), AKSIRAY (1954), MILLER (1982), MATER and KAYA (1986), KAYA and MATER (1987).

Four individuals of *O. papuensis* was caught during a 30-minute trawling study in Mersin Bay between 36° 39' 00" - 34° 55' 00" - 34° 56' 00" coordinates during the cruise of *K. Piri Reis* research vessel in 1991 (Fig. 1). Trawling area were 22-24 m deep with sandy-muddy bottom.

Morphologically, the shape of the body is similar to the other members of gobiidae family. The teeth are located as one-line on upper jaws and multi-line on lower jaws. It can be considered as characteristic properties having 5 vertical series of suborbital papillae and cirrus-like flap on the upper edge of the eyes. Table 1 shows some of the morphometric and meristic characters of samples collected during the cruise.

Table 1. Morphometric and meristic characters of the collected samples.

Samples	1	2	3	4
Total length (mm)	134.40	137.70	135.05	126.50
Standard length (mm)	98.20	97.75	97.00	93.00
Body depth (mm)	18.80	19.25	16.90	16.9
Head length (mm)	21.85	23.00	23.90	24.20
Eye diameter (mm)	5.75	6.05	5.80	6.00
First dorsal fin rays	VI	VI	VI	VI
Second dorsal fin rays	I.12	I.12	I.12	I.12
Anal fin rays	I.13	I.13	I.13	I.13
Pectoral fin rays	22	22	22	22
Pelvic fin rays	I.5	I.5	I.5	I.5
Scales in lat.series(±3)	78	80	80	76

Scales present on predorsal. Body light blue-gray, with irregular yellow band along lateral midline; head with purple and yellow streaks, eye cirrus orange. A dark spot on the caudal fin base (Fig. 1).

The other significant reports had come from BEN-TUVIA (1983) and MILLER in WITHEHEAD *et al.* (1986) on the same species living in eastern-Mediterranean basin.

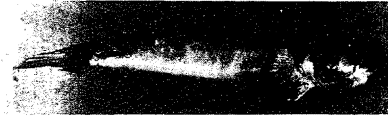


Figure 1. *Oxyurichthys papuensis* (Total length:134.40 mm).

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