

***Diagramma aporognathus*, a Junior  
Synonym of *Parapristipoma  
trilineatum***

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*Diagramma aporognathus* was described from two specimens collected in the Inland Sea of Japan by Regan (1905). Thereafter this species was synonymized with *Parapristipoma trilineatum* (Thunberg) by Jordan and Thompson (1912) and Fowler (1931). In recent years in Japan *D. aporognathus* is generally recognized as a junior

synonym of *Plectorhynchus cinctus* (Temminck et Schlegel) since Matsubara (1955: 674) placed the former in the synonymy of the latter. However, characters of *D. aporognathus* described by Regan (1905) agree with those of *Parapristipoma trilineatum* rather than those of *Plectorhynchus cinctus*.

Accordingly I checked up on Regan's syntypes of *D. aporognathus* in order to confirm my opinion that *D. aporognathus* is a junior synonym of *Parapristipoma trilineatum* instead of *Plectorhynchus cinctus*.

*D. aporognathus* agrees with *Parapristipoma trilineatum* in general form (Fig. 1) and the morphometric and meristic characters shown in

Table 1. Morphometric and meristic characters of *Diagramma aporognathus*, *Parapristipoma trilineatum*, and *Plectorhynchus cinctus*. Figures in parentheses indicate mean values. BMNH, British Museum Natural History; FRLM, Fisheries Research Laboratory Mie University.

Characters	Syntypes of <i>Diagramma aporognathus</i>		<i>Parapristipoma trilineatum</i>	<i>Plectorhynchus cinctus</i>
	BMNH 1905. 6. 7: 18	BMNH 1905. 6. 7: 19	FRLM 4386-4410	FRLM 4529-4531 and 4533
No. of specimens	1	1	25	4
Locality	Seto Inland Sea	Seto Inland Sea	Kumano-nada (Mie Pref.)	Ise Bay (Mie Pref.)
Standard length in mm	213	222	200.5-229.0 (215.0)	87.5-100.2 (93.9)
In standard length:				
Head length	3.4	3.6	3.4-3.8 (3.6)	2.6-2.8 (2.7)
Predorsal length	2.9	3.1	2.9-3.3 (3.2)	2.3-2.4 (2.3)
Length of dorsal fin base	1.7	1.8	1.7-1.8 (1.9)	1.5-1.6 (1.6)
Preanal length	1.4	1.4	1.3-1.5 (1.4)	1.4
Length of anal fin base	8.5	8.7	7.5-9.1 (8.2)	6.3-6.6 (6.6)
Body depth	3.1	3.4	3.0-3.5 (3.2)	2.1-2.3 (2.2)
In head length:				
Snout length	3.5	3.3	3.3-3.5 (3.4)	2.7-3.1 (2.9)
Eye diameter	3.8	4.0	3.6-4.1 (3.9)	4.3-4.7 (4.6)
Length of upper jaw	3.2	2.9	2.7-3.2 (3.0)	3.1-3.3 (3.2)
Inter-orbital width	3.0	3.1	2.9-3.5 (3.2)	3.4-3.8 (3.6)
Meristics:				
Dorsal spines	14	14	13-14 (13.8)	12
Dorsal soft rays	17	17	16-18 (17.0)	16-17 (16.3)
Anal soft rays	8	8	7-9 (8.0)	7
Caudal rays	17	17	17	17
Pectoral rays	18	18	17-19 (17.7)	17
Lower gill rakers	24	24	24-26 (25.2)	15
Vertebrae	11+16	11+16	11+16	11+16
Pored scales	54	55	54-57 (55.6)	57-59 (58.3)

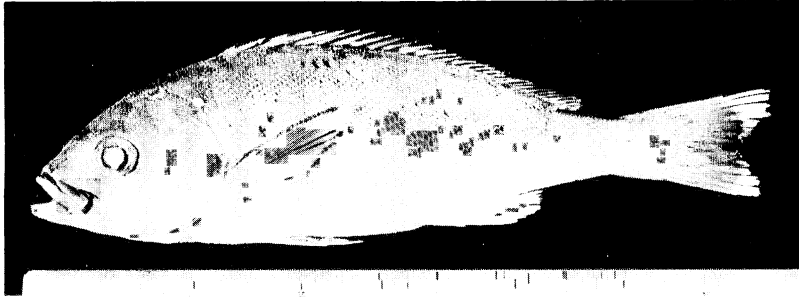


Fig. 1. One of the syntypes of *Diagramma aporognathus* Regan, BMNH 1905. 6. 7: 18, 213 mm in standard length.

Table 1.

Based on these facts I came to the conclusion that *D. aporognathus* is a junior synonym of *Parapristipoma trilineatum*.

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*Diagramma aporognathus* はイサキ *Parapristipoma trilineatum* のシノニム

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瀬戸内海より記載された *Diagramma aporognathus* Regan, 1905 は Jordan and Thompson (1912) や Fowler (1931) によってイサキのシノニムにされたが、その後、松原 (1955) によってコショウダイ *Plectorhynchus cinctus* のシノニムにされている。今回 *D. aporognathus* の syntype 2 個体と三重県産イサキ 25 個体、およびコショウダイ 4 個体を比較した。その結果、*D. aporognathus* はすべての形質についてイサキと差が認められず、またコショウダイとは多くの形質で明らかに異なっていた。このことから、*D. aporognathus* はイサキのシノニムであると結論した。

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