

ON A COLLECTION OF FISHES FROM SUBANSIRI AND SIANG DISTRICTS OF ARUNACHAL PRADESH

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INTRODUCTION

The present paper is based on a collection made by the author during February, 1996 covering Upper and Lower Subansiri, East and West Siang districts. Altogether 952 specimens of fishes belonging to 52 species under 11 families and 4 orders were collected.

The areas under survey are mostly mountainous except for a thin strip of flat land most of which adjoin Assam. The turbulent rivers like Subansiri, Siang and innumerable streams draining the whole region. The varied altitudinal and climatic conditions have given rise to a wide spectrum of faunal elements which are yet to be explored properly.

The fish specimens were mainly collected from the tributaries of the main rivers with rocky, sandy or muddy bottom at different places, surrounded either by thick forests or paddy fields.

The occurrence of pipefish (*Microphis deocata* (Hamilton-Buchanan)) from Siang district of Arunachal Pradesh is of interest which was reported earlier from Lower Assam of N.E India (Sehgal, 1955; Sen, 1980). From other states of this region it is not reported till today.

The general classification is followed after Talwar and Jhingran (1991) with some changes. Talwar and Jhingran (op.cit.) placed the genera "*Aborichthys*" and "*Nemacheilus*" under the family "Balitoridae" but revisionary studies of Menon (1987) placed them under family "Homalopteridae" which has been followed in the present study. Likewise, the species *Lepidocephalus goalparensis* (Pillai & Yazdani) (Talwar & Jhingran (op.cit.)) is synonymous to *L. menoni* Pillai & Yazdani (Menon, 1992).

A district wise list of collected species is as follows.

Name of the species	Distribution			
	Upper Subansiri	Lower Subansiri	East Siang	West Siang

CYPRINIFORMES CYPRINIDAE

1. <i>Cyprinus carpio</i> Linnaeus		+		
2. <i>Labeo dero</i> (Ham.Buch.)			+	
3. <i>Labeo pangusia</i> (Ham. Buch.)	+			

Name of the species	Distribution			
	Upper Subansiri	Lower Subansiri	East Siang	West Siang
4. <i>Neolissocheilus hexagonolepis</i> (McCl.)	+	+		+
5. <i>Puntius chola</i> (Ham. Buch.)			+	
6. <i>Puntius conchoni</i> (Ham. Buch.)			+	
7. <i>Puntius guganio</i> (Ham. Buch.)			+	
8. <i>Puntius sophore</i> (Ham. Buch.)	+			+
9. <i>Puntius terio</i> (Ham. Buch.)		+		
10. <i>Puntius ticto</i> (Ham. Buch.)		+	+	
11. <i>Tor putitora</i> (Ham. Buch.)		+		+
12. <i>Aspidoparia jaya</i> (Ham. Buch.)			+	
13. <i>Barilius barna</i> (Ham. Buch.)	+		+	+
14. <i>Barilius bendelisis</i> (Ham. Buch.)	+		+	+
15. <i>Barilius dogarsinghi</i> Hora			+	
16. <i>Barilius shacra</i> (Ham. Buch.)			+	
17. <i>Barilius vagra</i> (Ham. Buch.)	+			
18. <i>Brachydanio rerio</i> (Ham. Buch.)	+	+	+	+
19. <i>Danio aequipinnatus</i> (Ham. Buch.)	+	+	+	+
20. <i>Danio devario</i> (Ham. Buch.)			+	
21. <i>Rasbora rasbora</i> (Ham. Buch.)			+	
22. <i>Schizopygopsis stoliczkae</i> Steind.	+			
23. <i>Schizothoraichthys esocinus</i> (Heckel)	+			
24. <i>Schizothoraichthys progastus</i> (McCL.)	+	+		+
25. <i>Schizothorax richardsonii</i> (Gray)	+			
26. <i>Crossocheilus latius latius</i> (Ham. Buch.)	+			
27. <i>Garra annandalei</i> Hora	+			+
28. <i>Garra kempfi</i> Hora	+			
29. <i>Garra lamta</i> (Ham. Buch.)			+	

Name of the species	Distribution			
	Upper Subansiri	Lower Subansiri	East Siang	West Siang
CYPRINIFORMES PSILORHYNCHIDAE				
30. <i>Psilorhynchus balitora</i> (Ham. Buch.)			+	
31. <i>Psilorhynchus homaloptera</i> Hora & Mukh.	+			
32. <i>Psilorhynchus sucatio</i> (Ham. Buch.)			+	
CYPRINIFORMES HOMALOPTERIDAE				
33. <i>Aborichthys kempfi</i> Choudhury			+	+
34. <i>Noemacheilus arunachalensis</i> Menon				+
35. <i>Noemacheilus botia</i> (Ham. Buch.)	+		+	+
36. <i>Noemacheilus devdevi</i> Hora	+			
37. <i>Noemacheilus kangjupkhulensis</i> Hora				+
38. <i>Noemacheilus nagaensis</i> (Menon)				+
39. <i>Noemacheilus sikmaiensis</i> Hora	+			
CYPRINIFORMES : COBITIDAE				
40. <i>Lepidocephalus annandalei</i> (Choudhury)			+	
41. <i>Lepidocephalus menoni</i> (Pill. & Yazd.)			+	
42. <i>Lepidocephalus guntea</i> (Ham. Buch.)			+	+
SILURIFORMES : BAGRIDAE				
43. <i>Mystus montanus</i> (Jerdon)			+	
44. <i>Rama chandramara</i> (Ham. Buch.)			+	
SILURIFORMES SILURIDAE				
45. <i>Ompok pabda</i> (Ham. Buch.)			+	
SILURIFORMES Sisoridae				
46. <i>Conta conta</i> (Ham. Buch.)			+	
47. <i>Laguvia ribeiroi</i> Hora			+	
SYNGNATHIFORMES SYNGNATHIDAE				
48. <i>Microphis deocata</i> (Ham. Buch.)			+	

Name of the species	Distribution			
	Upper Subansiri	Lower Subansiri	East Siang	West Siang
PERCIFORMES NANDIDAE				
49. <i>Badis badis</i> (Ham. Buch.)			+	
PERCIFORMES BELONTIIDAE				
50. <i>Colisa fasciatus</i> (Schn.)			+	
PERCIFORMES CHANNIDAE				
51. <i>Channa punctata</i> (Bl.)			+	
52. <i>Channa stewartii</i> (Playfair)			+	

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