

ON A COLLECTION OF FISH FROM RIVER KEN IN BANDA DISTRICT (U.P.)

By

C. B. SRIVASTAVA*, RAVISH CHANDRA, AND S. K. WISHARD

Central Inland Fisheries Research Sub-Station, Allahabad

CONTENTS

	PAGE
I—INTRODUCTION	131
II—LIST OF SPECIES	131
III—NOTES ON SOME FISHES	133
IV—ACKNOWLEDGEMENTS	134
V—SUMMARY	134
VI—REFERENCES	134

I—INTRODUCTION

The fish collection reported in this paper was made during June—July, 1964, while conducting the Spawn Prospecting Investigations on river Ken in Banda district of Uttar Pradesh.

River Ken is essentially a hill stream which originates near Deori in Madhya Pradesh and joins river Jamuna at Chilla *ca.* 60 km. from Banda, passing through hilly tracts of the Vindhya Ranges. It has a common catchment area with Narbada river system on one hand and river Jamuna and its tributaries on the other. This factor has much influence on its fish fauna, which shows a mixture of the fish fauna of two river systems. Hora (1949) described the fish fauna of Rihand river and Hora & Nair (1941) described the fishes of Narbada river at Hoshangabad. No record of the fish fauna of river Ken is available.

Fish collection was made in a stretch from Chilla, the confluence of the river Ken with the river Jamuna, to Naraini in Banda district about 45 km. upstream of river Ken, with the help of cast net, drag net and fry collection net. Some specimens were purchased from the local fishermen fishing in the area with the help of indigenous gears. The collection contains 58 species belonging to 36 genera and 16 families.

II—LIST OF SPECIES

Order: CLUPEIFORMES

Family: CLUPEIDAE

1. *Gudusia chapra* (Hamilton)
2. *Goniolosa manimina* (Hamilton)

* Present address : Zoological Survey of India, 8, Lindsay Street, Calcutta-16.
Rec. Zool. Surv. India, 64 (1-4)[1966], 1970.

3. *Corica soborna* (Hamilton)

4. *Ilisha motius* (Hamilton)

Family: NOTOPTERIDAE

5. *Notopterus chitala* (Hamilton)

6. *Notopterus notopterus* (Pallas)

Order: CYPRINIFORMES

Family: CYPRINIDAE

7. *Oxygaster bacaila* (Hamilton)

8. *Barilius barila* (Hamilton)

9. *Barilius barna* Hamilton

10. *Barilius bendelisis* (Hamilton)

11. *Barilius bola* (Hamilton)

12. *Danio (Brachydanio) rerio* (Hamilton)

13. *Rasbora daniconius* (Hamilton)

14. *Aspidoparia morar* (Hamilton)

15. *Amblypharyngodon mola* (Hamilton)

16. *Puntius chagunio* (Hamilton)

17. *Puntius sarana* (Hamilton)

18. *Puntius sophore* (Cuvier & Valenciennes)

19. *Puntius ticto ticto* (Hamilton)

20. *Tor tor tor* (Hamilton)

21. *Labeo calbasu* (Hamilton)

22. *Labeo fimbriatus* (Hamilton)

23. *Labeo goni* (Hamilton)

24. *Labeo rohita* (Hamilton)

25. *Cirrhinus mrigala* (Hamilton)

26. *Cirrhinus reba* (Hamilton)

27. *Catla catla* (Hamilton)

28. *Osteobrama cotio* (Hamilton)

29. *Crossocheilus latius latius* (Hamilton)

Family: COBITIDAE

30. *Noemacheilus botia* (Hamilton)

31. *Noemacheilus rupicola inglisi* Hora

Family: BAGRIDAE

32. *Mystus (Aorichthys) aor* (Hamilton)

33. *Mystus (Aorichthys) seenghala* (Sykes)

34. *Mystus (Mystus) bleekeri* (Day)

35. *Mystus (Mystus) cavasius* (Hamilton)

36. *Mystus (Mystus) vittatus* (Bloch)

37. *Rita rita* (Hamilton)

Family: SCHILBEIDAE

38. *Ailia coila* (Hamilton)

39. *Clupisoma garua* (Hamilton)

40. *Eutropiichthys murius* (Hamilton)

41. *Eutropiichthys vacha* (Hamilton)

42. *Silonia silondia* (Hamilton)

Family: SILURIDAE

43. *Wallago attu* (Bloch)

Family: SISORIDAE

44. *Glyptothorax telchitta* (Hamilton)
45. *Pseudeutropius atherenoides* (Bloch)

Order: PERCIFORMES

Family: CENTROPOMIDAE

46. *Ambassis nama* (Hamilton)
47. *Ambassis ranga* (Hamilton)

Family: NANDIDAE

48. *Nandus nandus* (Hamilton)
49. *Badis badis* (Hamilton)

Family: SCIAENIDAE

50. *Pama pama* (Hamilton)

Family: GOBIIDAE

51. *Glossogobius giuris giuris* (Hamilton)

Order: OPHICEPHALIFORMES

Family: CHANNIDAE

52. *Channa marulius* (Hamilton)
53. *Channa punctatus* (Bloch)

Order: BELONIFORMES

Family: BELONIDAE

54. *Xenentodon cancila* (Hamilton)

Order: MASTOCEMBELIFORMES

Family: MASTOCEMBELIDAE

55. *Macrogathus aculeatus* (Bloch)
56. *Mastocembelus armatus* (Lacépède)
57. *Mastocembelus pancalus* (Hamilton)

Order: TETRAODONTIFORMES

Family: TETRAODONTIDAE

58. *Tetraodon cutcutia* (Hamilton)

III—NOTES ON SOME FISHES

***Corica soborna* (Hamilton)**

1822. *Corica soborna* Hamilton, *Fish Gang.* pp. 253, 383.

1962. *Corica soborna* Karamchandani, *Trop. Ecol.*, 3 (1 & 2) pp. 81-83.

A number of specimens of this species were collected in the spawn collection nets at Goribaba village, 6 km. west of Banda. The species is estuarine in distribution. Motwani & David (1957) extended its distribution in freshwater upto Dehri-on-Sone on river Sone. Karamchandani (1962) recorded it from river Ganga at Dighwara. This record extends its distribution further upstream.

***Ilisha motius* (Hamilton)**

1822. *Clupanodon motius* Hamilton, *Fish Gang.*, pp. 251, 383.

1878. *Pellona motius* : Day, *Fish India.*, p. 643, pl. clxv, fig. 3.

The range of this species was originally confined to Assam, Bengal and Orissa. Motwani & David (*loc. cit.*), Karamchandani (*loc. cit.*)

extended it to Dehri-on-Sone (river Sone) and Dighwara (river Ganga), respectively.

Gudusia chapra (Hamilton)

1822. *Clupanodon chapra* Hamilton, *Fish gang.*, pp. 248, 383.

1878. *Clupea chapra* : Day, *Fish India.*, p 369, pl. cxi, fig. 1.

Large number of specimens of this species ranging from 25-87 mm. were collected in fry collection nets. In younger stages the upper part of the body is colourless while the belly portion is silvery white (10-19 mm.). From 20 to 38 mm. the whole body becomes silvery white. From 39 mm. onwards a diffused black shoulder spot, some distance from operculum, is visible, becoming quite prominent when the fish has attained a size of 50 mm. and above.

Pama pama (Hamilton)

1822. *Bola pama* Hamilton, *Fish gang.*, pp. 79, 368, pl. xxxii, fig 28.

1878. *Sciaenoides pama* : Day, *Fish India.*, p. 193.

Larval forms and adult specimens of this species were collected from Dighwara (river Ganga), and its distribution extended upto Buxar on river Ganga by Motwani, Jhingran & Karamchandani (1954). The maximum size recorded by these authors was 245 mm. Large number of specimens are available from rivers Ganga and Jamuna at Allahabad though there is no published record. Our specimen measures 457 mm.

IV—ACKNOWLEDGEMENTS

The authors express their grateful thanks to Dr. V G. Jhingran, Director, Central Inland Fisheries Research Institute, Barrackpore, under whose guidance the work was carried out. Thanks are also due to Dr. K. C. Jayaram, Superintending Zoologist, Zoological Survey of India, Calcutta, for kindly going through the manuscript.

V—SUMMARY

A small collection of fish from river Ken was studied. The specimens belong to 58 species of 36 genera. Field notes on some species of fishes have also been given.

VI—REFERENCES

- HORA, S. L. 1949. The fish fauna of the Rihand river and its zoogeographical significance.—*J. zool. Soc. India., Calcutta*, I, pp. 1-7.
- HORA, S. L. AND NAIR, K. K. 1941. Fishes of the Satpura range, Hoshangabad district, Central Provinces.—*Rec. Indian Mus., Delhi*, 43 (3), pp. 361-373.
- KARAMCHANDANI, S. J. 1962. On a collection of fish from the Ganga river at Dighwara (Rihar).—*Trop. Ecol., Varanasi*, 3 (1 & 2), pp. 79-83.
- MOTWANI, M. P. AND DAVID, A. 1957. Fishes of the River Sone with observations on the Zoogeographical significance.—*J. zool. Soc. India, Calcutta*, 9 (1), pp. 9-15.
- MOTWANI, M. P., JHINGRAN, V. G. AND KARAMCHANDANI, S. J. 1954. Occurrence and breeding of *Pama pama* (Hamilton) in fresh-water.—*Curr. Sci. Bangalore*, 23 (5), p. 161.