

istration. M. Broquet, lieutenant commanding the man-of-war *Mous-tique*, MM. the naval commissaries Senné-Desjardines, Lhopital, Gestain, and Castelin, have procured for me valuable information. If I have been able to record in this report some facts possessing interest, I certainly owe it to the kind complaisance which I have met with from the persons whose names I have just mentioned.

PARIS, October 30, 1881.

47.—A NOTE ON THE CUBAN EEL.

By SETH E. MEEK.

In Poey's Synopsis Piscium Cubensium and Enumeratio Piscium Cubensium is recorded a species of the genus *Anguilla*, *Anguilla cubana* Kaup. With a view of testing the characters assumed to distinguish this from our species of the same genus. I have carefully compared specimens collected by Professor Jordan in Cuba with specimens from Wood's Holl and one specimen from Chewalla Creek, Alabama, and am unable to find any constant difference. I have also compared these specimens with a number brought from Venice by Professor Jordan last summer. They present the same difference found to exist in specimens from both sides of the Atlantic examined by me last May (Bull. U. S. Fish Comm. 1883, 430). In my opinion *Anguilla cubana* cannot be considered as a distinct species, but as strictly identical with the *Anguilla rostrata*. Below is given a table of eleven specimens, two from Cuba, three from Wood's Holl, one from Eufaula, Ga, and five from Venice. The proportions are given in hundredths of the length to end of last vertebra. All the specimens mentioned are in the museum of Indiana University. I am indebted to Professor Jordan for valuable aid.

Dimensions.	Locality.										Average of Cuban specimens.	Average of Venice specimens.	Average of Wood's Holl specimens.	
	Havana.	Havana.	Wood's Holl.	Wood's Holl.	Wood's Holl.	Eufala, Ga.	Venice.	Venice.	Venice.	Venice.				
Length of head	13	13 $\frac{1}{2}$	13 $\frac{1}{2}$	14 $\frac{1}{2}$	13	12 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$	12 $\frac{1}{2}$	12	12 $\frac{1}{2}$	13 $\frac{1}{2}$	12 $\frac{1}{2}$	13 $\frac{1}{2}$
Distance from end of snout to front of dorsal	34 $\frac{1}{2}$	35 $\frac{1}{2}$	35 $\frac{1}{2}$	34 $\frac{1}{2}$	34	31	27	30	28	30 $\frac{1}{2}$	29	35	28 $\frac{1}{2}$	34 $\frac{1}{2}$
Distance from end of snout to front of anal	44 $\frac{1}{2}$	45	45 $\frac{1}{2}$	46	44	42 $\frac{1}{2}$	42	44	42	43 $\frac{1}{2}$	43 $\frac{1}{2}$	44 $\frac{1}{2}$	42 $\frac{1}{2}$	45 $\frac{1}{2}$
Distance from front of dorsal to front of anal	10	9 $\frac{1}{2}$	9 $\frac{1}{2}$	11 $\frac{1}{2}$	10	11 $\frac{1}{2}$	15	14	14	13 $\frac{1}{2}$	14 $\frac{1}{2}$	9 $\frac{1}{2}$	14 $\frac{1}{2}$	10 $\frac{1}{2}$
Length of mandible	5 $\frac{1}{2}$	6	6	6 $\frac{1}{2}$	5 $\frac{1}{2}$	5	4 $\frac{1}{2}$	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$	6 $\frac{1}{2}$
Length of pectoral	4 $\frac{1}{2}$	4	4	4 $\frac{1}{2}$	4	4	3 $\frac{1}{2}$	3 $\frac{1}{2}$	4	4	4	4	4 $\frac{1}{2}$	4 $\frac{1}{2}$
Depth of body at front of anal	6	6	6	6	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$	6 $\frac{1}{2}$	6 $\frac{1}{2}$	6	5 $\frac{1}{2}$	5 $\frac{1}{2}$
Distance from gills to vent	31 $\frac{1}{2}$	30	30 $\frac{1}{2}$	31 $\frac{1}{2}$	30 $\frac{1}{2}$	29	30 $\frac{1}{2}$	31	29 $\frac{1}{2}$	31 $\frac{1}{2}$	31 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$
Length of specimen in inches	18.1	16.2	13.1	21.7	4.45	7	11.8	11.5	9.6	22.4	21.1