

Table of Measurements—Continued.

	Millim.	100ths.
Caudal:		
Length of middle rays		7
Length of external rays		17
Pectoral		
Distance from snout		25
Length		ca. 15½
Ventral:		
Distance from snout		50
Length		ca. 12
Branchiostegals	VI	
Dorsal	12	
Anal	13	
Caudal	XIII, 18, XII	
Pectoral	18	
Ventral	II, 12	
Number of scales in lateral line	ca. 60	
Number of transverse rows above lateral line	ca. 3½	
Number of transverse rows below lateral line	ca. 4	

WASHINGTON, November 23, 1878.

**ON THE OCCURRENCE OF THE OCEANIC BONITO, *ORCYNUS PELAMYS*,
(LINNÉ) POEY, IN VINEYARD SOUND, MASSACHUSETTS.**

By VINAL N. EDWARDS.

Mr. P. Stewart has caught between 80 and 100 of them in his pound* in about three weeks. He caught 52 one morning. In Luce's pound* they have caught between 60 and 70. They catch them with a northerly wind; none with the wind off shore. They will not live long in the pound, but will run themselves to death, and their brilliant blue color all fades out as soon as they are dead.

WOOD'S HOLL, MASS., October 1, 1878.

NOTES ON THE WESTERN GIZZARD SHAD, *DOROSOMA CEPEDIANUM HETERURUM*, (RAF.) JORDAN.

By SAMUEL WILMOT.

SIR: I send you by post a small fish taken by one of our fishermen at Sarnia on Lake Huron. It was sent to me by one of our officers, with a request that I should let him know what sort of fish it was. It seems they think it to be a young shad. Fish very similar in appearance to this one have been known in Lake Ontario and other of our waters for many years; I recollect them forty years ago. They were not taken numerously in those days, a few being captured at times in seines, and sometimes in gill-nets, which were set out in very deep waters in the lake for the purpose of taking salmon trout: those taken in the gill-nets would be sometimes a pound in weight; the great run of them, however,

*These pounds are in Menemsha Bight, Martha's Vineyard.