

SHOULDER SPINE LENGTH OF JUVENILE *CHICOREUS RAMOSUS*. -CAN GENETIC OR ENVIRONMENTAL EFFECTS ON LENGTH BE SEPERATED?

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ABSTRACT

Morphometric parameters measured on 1059 juvenile *C. ramosus* were compared. Straight length of shoulder spine expressed high phenotypic variation. Relative length of shoulder spine seemed independent of total length of shell. A comparison of variational patterns of juveniles in our study and a previous study of adults is made. Experimental methods to differentiate environmental and genetic variation is discussed.