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

By, Charatsee Aungtonya ¹ & Svend Steenfeldt ²
¹Phuket Marine Biological Center. PO Box 60, Phuket 83000 Thailand
²Institute of Biological Sciences, Aarhus University, Ny Munkegade, 8000 Aarhus, Denmark

ABSTRACT

Morphometrie 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.