

Studies on the Stannius corpuscles of the Chilean clingfish, *Sicyases sanguineus*

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Vargas and Concha [Vargas F., F., and Concha B., J. (1957), *Invest. Zool. Chil.* 3, 81-87; 88-95] described some encapsulated glands in the posterior part of the kidneys of the Chilean clingfish, *Sicyases sanguineus*, and called them the interrenals. Present investigations showed that the surgical removal of these glands consistently produced hypercalcemia. No significant effects were seen in plasma sodium, potassium, and magnesium levels and in percentage hematocrit and body weight change, as was once reported previously in killifish [Pang, P. K. T., Pang, R. K., and Griffith, R. W. (1975). *Gen. Comp. Endocrinol.* 26, 179-185]. We conclude that these glands are the Stannius corpuscles and not the interrenals of this fish. Histological studies showed the high vascularization and the follicular arrangement of cells. © 1977.