Rapid identification of the sex of live trochus, with particular respect to Mariculture

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As males and females of trochus do not show any external difference, their sex can only be identified further to the extraction of the animal from the shell. This paper describes a method allowing sex identification from microscopic examination of the residual water contained in the shell. Regarding aquaculture, trochus spat production is then increased as the sex ratio can be easily controlled.

KEY-WORDS: NEW CALEDONIA, HALIEUTIC RESOURCE, MOLLUSCS, SEX DETERMINATION, AQUACULTURE, TROCHUS NILOTICUS.