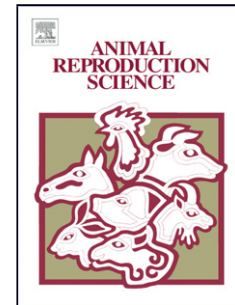


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Diagnostic assessment of reproductive status in white-spotted bamboo sharks

(*Chiloscyllium plagiosum*)

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Highlights:

- Standardized ultrasound technique is useful for reproductive status assessment
- Ovarian follicles and eggs present on ultrasound guided reproductive classification
- Triglycerides, estradiol, and testosterone vary significantly by reproductive state

ABSTRACT

Relatively little is known about elasmobranch reproductive physiology compared to other species. An increased understanding of elasmobranch reproduction would improve the success of captive breeding and may aid *in situ* conservation efforts by reducing demand for wild-caught

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