

**EFFECT OF TWO PLANT EXTRACTS, AZADIRACHTA INDICA A.  
JUGS AND OCIMUM SANCTUM L.ON MORPHOHISTOLOGY OF  
REPRODUCTIVE ORGANS OF ODONTOPUS NIGRICORNIS STAL**

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**ABSTRACT**

*Effect of two test plants A. indica and O. sanctum is observed on the reproductive organs of O. nigricornis 2 percent concentration of the extract of both the test plants showed significance morphological suppressive effect on the shape size, weight and growth of both ovaries and testes of adult bugs in comparison to control bugs disruptive effect of the extract of A. indica on the histology of ovaries is seen comparatively much severe than that treated with O. sanctum. Similarly, effect of the extract of A. indica on the histology of testes of male bugs was more pronounced and suppressive than the treated with O. sanctum. Various histological deformities are seen in ovaries and testes of the bugs treated with both the test plants extracts.*

**KEYWORDS:** *O. Nigricornis, O. Sanctum, Histological Deformities*