

STUDY ON LATERAL NEUROSECRETORY PATHWAY AND THE NERVI CORPORIS CARDIAC! EXTERN! IN NEUROENDOCRINE SYSTEM OF PRE COPULATING FEMALE SPILOSTETHUS PANDURUS (SCOPALI)

<http://anveshika.org/proceedings-of-the-zoological-society-of-india/wp-content/uploads/sites/2/2018/12/20Dec-2018-curve.pdf>

December 18, 2018 · Volume 17 - Issue 2

Dilip Kumar Keshri¹

¹ P.G. Department of Zoology, Gaya College, Gaya-823001

Keshri DK. STUDY ON LATERAL NEUROSECRETORY PATHWAY AND THE NERVI CORPORIS CARDIAC! EXTERN! IN NEUROENDOCRINE SYSTEM OF PRE COPULATING FEMALE SPILOSTETHUS PANDURUS (SCOPALI):

<http://anveshika.org/proceedings-of-the-zoological-society-of-india/wp-content/uploads/sites/2/2018/12/20Dec-2018-curve.pdf>.

Proceedings of the Zoological Society of India. 2018 Dec 18 [last modified: 2018 Dec 18]. Edition 1.

Abstract

In the brain of pre-copulating female *Spilostethus pandurus*, Locus-3 has lateral neurosecretory cells which are observed in two groups, each of 2-4 cells arranged symmetrically on either side of locus-3. The axons of lateral neurosecretory cells (LNSC) form the lateral neurosecretory pathway and nervi corporis cardiaci externi (NCC II). The axons of LNSC run directly and do not decussate in the brain and come out independently through the ventral surface of protocerebrum as short paired NCC II. The NCC II of each side innervates the corpus cardiacum of its same side in the female *Spilostethus pandurus*.

Key words

Spilostethus, LNSC, Axons, NCC II

[Download Full PDF](#)