

INVESTIGATIONS IN HAEMATOLOGICAL INDICES OF FISHES

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Sunil P. Trivedi¹

¹ Department of Zoology, University of Lucknow, Lucknow-226007

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Abstract

It is a well known fact that blood parameters act as reliable indicators of fish health. In present studies, we have focused on hematological profile of different fish species. Haematological changes i.e. shape change of erythrocytes, thrombocytes and lymphocytes etc. are well known for their clinical value in prognosis and diagnosis. As hematopoiesis between fish and mammals is highly conserved, the fish can, thus, serve as an attractive model to study hematological changes in response to external environment stressors. Thus, the study of piscian haematological indices can not only be effectively used in fish health management but also in formulating mitigation measures against aquatic pollutants as well.

Key words

piscian haematological indices ,fish health management, aquatic pollutants, blood parameters.

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