



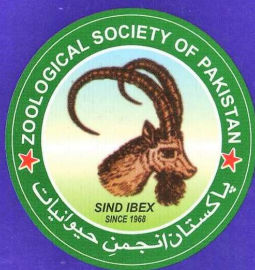
ABSTRACTS

39th

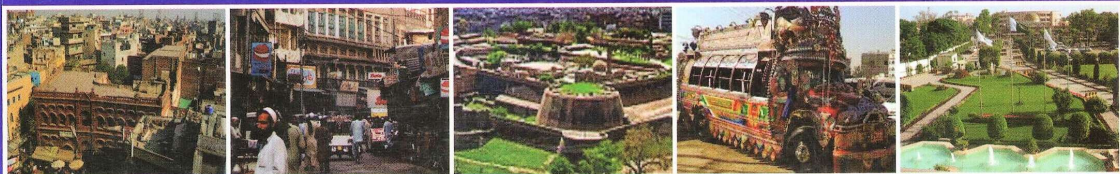
PAKISTAN CONGRESS OF ZOOLOGY

(INTERNATIONAL)

March 4-6, 2019



ORGANIZED BY:
DEPARTMENT OF ZOOLOGY
ISLAMIA COLLEGE UNIVERSITY
PESHAWAR



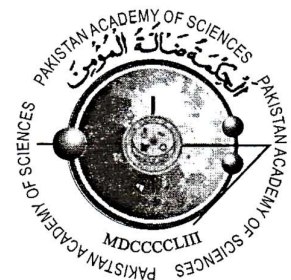
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ABSTRACTS



ZOOLOGICAL SOCIETY OF PAKISTAN

ENT-90

RICE PLANTHOPPERS: POTENTIAL THREAT TO THE SUSTAINABLE RICE PRODUCTION IN THE PUNJAB, PAKISTAN

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The brown planthopper (BPH) and whitebacked planthoppers are considered as major threats to sustainable rice production in Asia. Planthoppers have affected several million hectares of rice area in countries like Vietnam, China, Indonesia, Korea, Japan and Malaysia. In the Punjab which is rice basket for the country is also prone to face the challenge of their ravages which may decrease yield up to 7-10% annually. In case of severe infestation crop fails to yield owing to hopper burn. Studies revealed that average grain yield loss because of planthopper was 10 maunds/acre, amounting Rs. 15000/ acre during 2017-18. The temporal patterns, IPM strategies and future thrusts are discussed in detail in the paper.