

CONTENTS

Parasitology

- KAKAR, A., BILQEES, F.M., KHAN, A. AND KHAN, K. *Rhabdochona haspani*, new species (Thelazioidea: Rhabdochonidae) from stream fish (Actinopterygii Klein, 1185) of Sibi Division, Balochistan 891

Palaeontology

- SIDDIQ, M.K., KHAN, M.A. AND AKHTAR, M. *Proamphibos* (Bovini: Bovidae: Ruminantia) from Sardhok Pleistocene of Pakistan 897

Ecology, Biodiversity, Wildlife

- CHEN, Y. Multiscale patterns of phylogenetic community structure and distributional aggregation for endemic mammals of China 909
 ZHAO, C., HU, J., LI, Y., RAN, J., GUAN, J., YANG, C., XIONG, Y. AND YUE, B. Habitat use of Sichuan Sika deer in forest, bush and meadows in the Tiebu Nature Reserve, Sichuan, China 941
 TERGOU, S., BOUKHEMZA, M., MARNICHE, F., MILLA, A. AND DOUMANDJI, S. Dietary distinctive features of tawny owl, *Strix aluco* (Linn 1758) and barn owl, *Tyto alba* (Scopoli 1759) in gardens of Algerian Sahel, El Harrach, Jardin D'essai Du Hamma 1013
 CHEN, Y. Species abundance distribution pattern of microarthropod communities in SW Canada 1023
 RAGNI, M., TOTEDA, F., TUFARELLI, V., LAUDADIO, V., FACCIOLOGO, A., DIPALO, F. AND VICENTI, A. Feeding of extruded flaxseed (*Linum usitatissimum* L.) and pasture in podolica young bulls: Effects on growth traits, meat quality and fatty acid composition 1101
 BALKIS, N. AND KORAY, T. A check-list of Tintinnids (Protozoa: Ciliophora) in the coastal Zone of Turkey 1029
 GE, B.-M., ZHANG, D.-Z., CUI, J., ZHANG, H.-B., ZHOU, C.-L. AND TANG, B.-P. Biodiversity variations of soil macrofauna communities in forests in a reclaimed

- coast with different diked history 1053

Toxicology

- LATIF, A. AND ALI, M. An assessment of nickel sulphate toxicity on serum electrolytes and arterial blood gases in *Labeo rohita* 915
 AL-GHANIM, K.A. Effect of a synthetic pyrethroid, cypermethrin, on aminotransferases and glutamate dehydrogenase activities in gill, liver and muscles of a freshwater fish, *Cyprinus carpio* 997
 QADIR, S., LATIF, A., ALI, M. AND IQBAL, F. Effects of imidacloprid on the hematological and serum biochemical profile of *Labeo rohita* 1085
 HAYAT, T., SULTAN, A., KHAN, R.U., KHAN, S., HASSAN, Z.U., ULLAH, R. AND AZIZ, T. Impact of organic acid on some liver and kidney function tests in Japanese quails, *Coturnix coturnix japonica* (S.C.) 1179
 AL-GHANIM, K.A., EL-SALAM, M.M.A. AND MAHBOOB, S. Assessment of water quality for some roof tanks in Alkharij Governorate, KSA 1003
 RASHID, F., FATIMA, H., ALI, I., SHARIF, N., MALIK, H. AND SAJJAD, S. Heavy metal contamination of drinking water nearby Hadiara Drain (S.C.) 1161
 YÖN, N.D. AND AKBULUT, C. Histological changes in zebrafish (*Danio rerio*) ovaries following administration of bisphenol A .. 1153

Fish and Fisheries and Freshwater Biology

- ÇİÇEK, E. AND AVŞAR, D. The effect of delayed opening on yield and economy of *Mullus barbatus* Linnaeus, 1758 and *Upeneus pori* Ben-Tuvia & Golani, 1989 fisheries in the Northeastern Mediterranean 921
 YAPICI, S. AND FILIZ, H. Estimation of age, growth and reproduction of boarfish, *Capros aper*, in the South Aegean Sea 1061
 KHAN, U., HASAN, Z., INAYATULLAH, M. AND JAN, A. Feeding habits of a freshwater catfish, *Clarias naziri*

- (Pisces: Schilbidae) from Khyber Pakhtunkhwa Rivers, Pakistan (S.C.) 1166
 YAĞCI, M.A. Seasonal variations in zooplankton species of lake Gölhısar, a shallow lake in Burdur, Turkey 927

Pest & Pest Control

- MUSTAFA, I., ASLAM, M., ARSHAD, M., SAMAN, ULLAH, M.I., MUSTAQEEM, M., BOKHARI, S.A., ASIF, S., KHAN, M.R., WAQAS, A. AND AHMED, H. Association of citrus leaf miner, *Phyllocnistis citrella* (Lepidoptera: Gracillariidae: Phyllocoptinae) with leaf biochemical factors (Ca^{+2} , K^{+} and Mg^{+2}) in kinnow leaves of District Sargodha, Punjab, Pakistan 953
 BARMAN, J.C. AND ZENG, X. Effect of guava leaf extract on citrus attractiveness to asian citrus psyllid, *Diaphorina citri* Kuwayama 1117
 SHAHBAZ, M., JAVID, A., HASSAN, M.M.U., HUSSAIN, S.M., ASHRAF, S. AND IDNAN, M. Recent record of *Scotophilus heathii* from wheat-rice based agroecosystem of Punjab (S.C.) 1175

Animal and Human Diseases

- AHMAD, A.N., HUSSAIN, I., AKHTAR M., AND BIBI, F. Comparative study of commercially available infectious bursal disease vaccine with egg attenuated live vaccine 959
 SHAH, M., ZAHID, M., STHANADAR, A.A. AND ALI, P.A. Seroprevalence of *Toxoplasma gondii* infection in human population of Mohmand Agency Khyber Pakhtunkhwa, Pakistan (S.C.) 1169

Molecular Biology, Biotechnology, Bioinformatics

- ANDLEEB, S., TAHIR, M., KHALID, M., AWAN, U.A., RIAZ N., AND ALI, S. Antibacterial and antioxidant activities of traditional herbs and honey against fish associated bacterial pathogens 933
 AKBAR, A., SITARA, U., ALI, I., MUHAMMAD, N. AND KHAN, S.A. Isolation and characterization of biotechnologically potent *Micrococcus luteus* strain from environment 967
 JIA, Y., JI, X., WANG, Q., WANG, L., LI, N., DU, Q. AND CHANG, Z. *Pichia pastoris* expressing recombinant *Misgurnus*

- anguillicaudatus* growth hormone promotes the growth of *M. anguillicaudatus* larvae 975
 ARIF, A., RASHID, N., MAHMOOD, N. AND AKHTAR, M. Expression of human interferon α -2b and *Escherichia coli* methionine aminopeptidase genes in a single host using two incompatible plasmids 983
 SHUI, Y., XU, Z.-H. AND ZHOU, X. Bioinformatic analyses of CCCH-zinc finger family in zebrafish (*Danio rerio*) 989
 SIDDIQUI, M.A., REHMAN, H.U. AND RASHID, N. Gene cloning and characterization of a type II pullulanase hydrolase from a hyperthermophilic archaeon, *Pyrobaculum calidifontis* 1077
 HANNAN, A., GONDAL, A.J., SALEEM, S., ARSHAD, M.U. AND LATEEF, W. *In-vitro* efficacy of ceftazidime in combinations with meropenem, piperacillin/tazobactam, amikacin and ciprofloxacin against extensively drug-resistant *Pseudomonas aeruginosa* 1111
 RAZZAQ, R., FARZANA, K., MAHMOOD, S. AND MURTAZA, G. Microbiological analysis of street vended vegetables in Multan City, Pakistan: A public health concern 1133
 LIU, D., WU, J., DENG, L., GAN, W., DU, L. AND SONG, Z. Development of microsatellite markers for *Leptobotia elongata* (Cypriniformes: Cobitidae) using 454 sequencing and cross-species amplification 1147
-
- ### Cell Biology, Genetics
-
- ZHANG, Y. AND LI, W. A novel SNP of *LXR α* gene associated with meat quality traits in Cherry Valley ducks 1039
 AHMAD, A., TOOR, R.H., AFTAB S. AND SHAKOORI, A.R. Anti-proliferative and genotoxic effect of arsenic and lead on human brain cancer cell line 1069
 AKRAM, M., SHAFAAT, S., BUKHARI, D.A. AND REHMAN, A. Characterization of a thermostable alkaline protease from *Staphylococcus aureus* S-2 isolated from chicken waste 1125
 CHEN, H., ZHANG, T., LIN, S. AND CAO, X. Molecular cloning and evolutionary analysis of *FUCA1* gene in bats 1139
 SIDDIQUI, R.T. AND QURESHI, J.A. The prevalence of common mutations in *rpsL* gene associated with resistance to

streptomycin in random and multiple drug resistant isolates of <i>M. tuberculosis</i> from Pakistan (S.C.)	1163	with flora in Lower Northern Pakistan 1045
TAHIR, H.M., AQEEL, J., MISHAL, R., AHSAN, M.M., BILAL, M. AND KHAN, S.Y. Some interesting facts about tongue rolling trait in humans (S.C.)	1173	NAZIR, S., SHARIF, F., ARSHAD, M. AND KHAN, A.H. Diversity analysis of insects of the thorn forest community at Harappa archaeological site, Pakistan 1091

Entomology

- SHEIKH, U.A.A., AHMAD, M., IMRAN, M., NASIR, M., SAEED, S. AND BODLAH, I. Distribution of bumblebee, *Bombus haemorrhooidalis* Smith, and its association

[Covered by ISI Web of Knowledge, Abstracted and indexed in *Biological Abstracts*, *Chemical Abstracts*, *Zoological Records*, *Information Retrieval Limited*, London, *Service Central De Documentation De L'ORSTOM*, Paris and *National Inquiry Services Centre*, South Africa, Contents accessible via EBSCO hostTM].

Website: www.zsp.com.pk

Impact Factor = 0.400