



Editorial Boards, Contents and Appendices: 1-25 Volumes

M. Khalequzzaman

Department of Zoology, University of Rajshahi, Rajshahi 6205, Bangladesh

¹email: kzaman@ru.ac.bd

- Volume 1 (1982)** Editorial Board: Prof. Mustafizur Rahman (Chairman), Prof. M. A. Quayum (Executive Editor), Prof. M. Altaf Hossain, Dr. M. Altaf Hossain, Dr. M. Ataur Rahman Khan, M. Khalequzzaman, M. Mahtab Ali.
- Quayum, M.A. & Baqui, A. 1982. Factors determining the wing forms of brown planthopper, *Nilaparvata lugens* (Stal.) (Homoptera: Delphacidae). 1-16.
- Muttalib, S.A., Rahman, M.A. & Khalequzzaman, M. 1982. The incidence of the pink borer, *Sesamia inferens* (Walker) (Noctuidae: Lepidoptera) on rice. 17-21.
- Hossain, M.A. 1982. On the length-weight relationship and condition factor of the sand lobster, *Thenus orientalis* (Lund). 23-28.
- Bhuiyan, A.S. & Biswas, B. 1982. Studies on the Morphometry of *Puntius chola* (Hamilton-Buchanan) (Cyprinidae: Cypriniformes). 29-34.
- Khalequzzaman, M. & Ansary, F.H. 1982. Effect of some dietary constituents on the yield and vitality of the mulberry milkworm, *Bombyx mori* L. (Bombycidae: Lepidoptera). 35-42.
- Parween, S. & Hossain, M.A. 1982. On the size-frequency distribution and length-weight relationship of beel-chingri of Rajshah. 43-50.
- Quayum, M.A., Ali M.S. & Rahman, A.S.M.S. 1982. Morphological studies n the larvae of *Coccinella repanda* Thunb. (Coccinellidae: Coleoptera). 51-56.
- Ali, M.S. & Mostafa, D. 1982. The histology of the female sex pheromone gland of *Chilo auricilia* (D.) (Pyralidae: Lepidoptera). 57-64.
- Rahman, M.S. 1982. Morphology, histology and secretion of the salivary glands of *Antilocnus coqueberti* (Fab.) (Pyrrhocoridae: Heteroptera). 65-70.
- Khalequzzaman, M. & Mannan, M. A. 1982. Effect of artificial diet on certain biological aspects of the silkworm, *Bombyx mori* L. (Bombycidae: Lepidoptera). 71-76.
- Bhuiyan, A.S. & Rahman, M. 1982. Relative species composition of fishes and fishery resources of the 'Benchij Jal' catch at different places of the Sundarbans Estuaries in Bangladesh. 77-78 (Scientific Note).
- Hossain, M.A 1982. Notes on the sex ratios of the sand lobster, *Thenus orientalis* (Lund). 79-80 (Scientific Note).
- Jahan, M.S., Rahman, M. & Mannan, M.A. 1982. A report on the assessment of crop loss due to attack of leaf roller, *Hedylepta indicata* (F) Pyralidae: Lepidoptera) on soyabean, *Glycine max* Merr. 81-82 (Scientific Note).
- Volume 2 (1983)** Editorial Board: Prof. Mustafizur Rahman (Chairman), Prof. M. A. Quzyum (Executivee Editor), Prof. M. Altaf Hossain, M. SohrabAli, Dr. M. Ataur Rahman Khan, M. Khalequzzaman.
- Bhuiyan, A.S. 1983. Salinity tolerance of the hatchlings of *Cirrhina reba* (Hamilton) (Cyprinidae: Cypriniformes). 1-6.
- Rahman, A.S.M.S. Quayum, M.A. & Ali. M.S. 1983. Life history and feeding habit of *Harmonia octomaculata* Fab. (Coleoptera: Coccinellidae): a predator of aphid. 7-10.
- Rahman, S.M. & Haque, T. 1983. Studies on the effect of number and durtion of mating on occurrence of viable eggs in silkworm, *Bombyx mori* L. race-nistari plain (Lepidoptera: Bombycidae). 11-16.
- Khalequzzaman, M. & Hossain, M.I. 1983. Inheritance of the quantitative characters on the silkworm, *Bombyx mori* L. through hybridization. 17-24.
- Nabi, R., Hossain, M.A. & Rahman, S. 1983. On the use of tube-well and pond water for transporing carp fry. 25-28.
- Afroza, S. & Hossain, M.A. 1983. The fecundity and sex- ratio of *Amblypharyngodon mola* (Hamilton) (Cypriniformes: Cyprinidae). 29-32.
- Islam, W. Ahmed, K.N. & Malek, M.A. 1983. External morphology of *Anisopteromalus calandrae* (Howard) (Hymenoptera: Pteromalidae). 33-39.
- Parween, S. & Hossain, M.A. 1983. Seasonal price variation of *Macrobrachium dayanum* Handr. and sellers margin at different levels of marketing. 41-44.
- Muttalib, S.A. & Khalequzzaman M. 1983. Incidence of the pink-borer, *Sesamia inferens* (Walker) (Noctuidae: Lepidoptera) on wheat. 45-52.
- Baksha, M.W. & Choudhury, J.H. 1983. Entomo-fauna in the forests of Bangladesh. I. Pieridae: Lepidoptera. 53-60.
- Ahsan, M.F. 1983. Incidence of the mango shoot-gall psyllid, *Apsylla cistellata* Buckton at Shibganj. 61-68.
- Ali, M. 1983. The soft scale, *Rastrococcus spinosus* (Robinson): now recorded from Bangladesh (Homoptera: Coccoidea: Pseudococcidae). 69-70 (Scientific Note).
- Hossain, M.A. & Islam, M.S. 1983. Sexual dimorphism and sex ratio of *Clupisoma atherinoides* (Bloch). 71-72 (Scientific Note).
- Islam, Z. & Khan, A.R. 1983. Effectof different millets on the formation and duration of various stages of the confused flour beetle, *Tribolium confusum* Duval (Coleoptera: Tenebrionidae). 73-74 (Scientific Note).
- Khan, A.R. & Rahman, A.S.M.S. 1983. Effect of non-insecticidal chemicals on the hatchability of the eri silkworm *Samia cynthis ricini* (Boisd.) (Lepidoptera: Saturniidae). 75-76 (Scientific Note).



- Ali, M. & Ali, O. 1983. On the staining and mounting of the soft scales and mealybugs (Homoptera: Coccoidea). 77-79 (*Scientific Note*).
- Khan, A.R. & Islam, S. 1983. A note on a curculionid beetle attacking date palm. 80 (*Scientific Note*).
- Bhuiyna, A.S. 1983. Observation on the effect of food on the spawning behaviour of Albino guppy, *Lebistes reticulatus* (Cyprinodontidae: Cyprinodontiformes). 81-82 (*Scientific Note*).
- Haque, R. & Kaidanov, L.Z. 1983. Evidence for genetic control of longevity in *Drosophila melanogaster*. 83-84 (*Scientific Note*).
- Volume 3 (1984)** Editorial Board: Prof. Mustafizur Rahman (Chairman), Prof. M.A. Quayum (Executive Editor), Prof. M. Altaf Hossain-2, M. Sohrab Ali, M. Khalequzzaman, Dr. M. A. Salam, Dr. Rashidul Haque.
- Sarder, M.A. & Murphy, P.W. 1984. Occurrence of the beetles in light trap and phoresy of mesostigmatic mites. 1-6.
- Barman, A.C. & Pasha, K. 1984. Raising of bacteria-resistant silkworm, *Bombyx mori* L. races. 7-12.
- Salam, M.A. 1984. Modification of n-nitroso-n-ethylurea-induced sex-linked recessive lethal mutation frequency by butylated hydroxytoluene in *Drosophila melanogaster*. 13-18.
- Salam, M.A. 1984. A storage effect of n-nitroso-n-ethylurea on the induction of dominant sex-linked recessive lethal mutations in *Drosophila melanogaster*. 19-25.
- Habib, M.A.B., Islam, M.A., Mohsinuzzaman, M. & Rahmn, M.S. 1984. Effect of some physico-chemical factors of water on the abundance and fluctuation of zooplankton of two selected ponds. 27-34.
- Wahab, M.A. & Faizuddin, M. 1984. Mammals of Cox's Bazar Forest Division with their status and distribution. 35-41.
- Kabir, K.H., Mia, M.D. & Ahmed, S.U. 1984. Potential use of some indigenous plant materials as repellents against rice weevil, *Sitophilus oryzae* L. on stored wheat. 41-44.
- Islam, M.S. & Hossain, M.A. 1984. On the fecundity of chela, *Oxygaster bacaila* (Hamilton) (Cypriniformes: Cyprinidae) from the river Padma. 45-48.
- Muttalib, S.A. & Khalequzzaman, M. 1984. Extent of damage and yield loss of wheat due to infestation of stemborer, *Sesamia inferens* (Walker). 49-54.
- Islam, M.S., Salam, M.A., Haque, R. & Zahid, M.H. 1984. The effect of natural selection on two genotypes in intraspecific competition in *Drosophila melanogaster*. 55-60.
- Rahman, S. M., Haque, T. & Salam, M.A. 1984. Evolution of superior multivoltine races of silkworm, *Bombyx mori* L. 61-66.
- Rahman, M.S. & Saha, A.K. 1984. Water and lipid content in fifth instar larva of silkworm, *Bombyx mori* L. 67-70.
- Haque, R., Salam, M.A. & Rahman, M.S. 1984. The modern concept of a gene. 71-76 (*Review Article*).
- Kabir, K.H. & Mia, M.D. 1984. Field observation od pod borer attack on 25 varieties/lines of chickpea. 77-78 (*Scientific Note*).
- Ali, M.S. & Jahangir, A.N.M. 1984. A faunistic survey of the syrphid (Diptera: Syrphidae) flies from Rajshahi. 79-80 (*Scientific Note*).
- Habib, M.A.B. 1984. Observations on the growth of insect larvae with artificial feed in aquarium. 81-82 (*Scientific Note*).
- Faizuddin, M. Observation on the population of common langoor, *Presbytis entellus* (Dufresne) at Keshabpur (Jessore). 83-84 (*Scientific Note*).
- Bhuiyan, A.S. & Haque, M.S. 1984. External morphological changes of the alimentary canal of fresh water gobi fry, *Glossobius giuris* (Hmlton-Buchanan) (Gobiidae: Perciformes). 85-86 (*Scientific Note*).
- Hossain, M.A. 1984. Prawn smoking in Khulna. 87-88 (*Scientific Note*).
- Islam, M.S. & Hosain, M.A. 1984. Lethality in homozygous curly mutant of *Drosophila melanogaster*. 89-90 (*Scientific Note*).
- Rahman, S.M. & Khanam, L.A.M. 1984. Studies on the oviposition and viability of silkworm, *Bombyx mori* L. eggs. 91-92 (*Scientific Note*).
- Volume 4 (1985)** Editor Board: Prof. Mustafizur Rahman (Chairman), Prof. M. Altaf Hossain-2 (Executive Editor), Prof. M. Altaf Hossain-1, Dr. Sayedur Rahman, Dr. Md. Ataur Rahman Khan, Dr. K.A.M. Shahadat Hossain Mondal, Dr. M. Khalequzzaman.
- Baksha, M.W. & Choudhury, J.H. 1985. Entomo-fauna in the forests of Bangladesh. II. Papilionidae: Lepidoptera. 4: 1-7.
- Khan, A.R. & Mazid, A. 1985. The oviposition and fertility of the confused flour beetle, *Tribolium confusum* Duval. (Coleoptera: Tenebrionidae) on barley and rice flours. 8-10.
- Hossain, M.A., Islam, M.S. & Rahman, A.Z.M.S. 1985. The fate of white-eye locus of *Drosophila melanogaster* in frequency-dependent selection. 11-16.
- Ahmed, A. & Quayum, M.A. 1985. Effect of food on the development of *Epilachna quatuodecimpunctata* (Mulsant) (Coccinellidae: Coleoptera). 17-20.
- Rahman, M.S. & Saha, A.K. 1985. Detection of amino acids in the silk gland of the silkworm, *Bombyx mori* L. (Lepidoptera: Bombycidae). 21-25.
- Hossain, M.A. & Chowdhury, D.P.N. 1985. Benefit of paddy-cum-prawn culture in Khulna. 26-30.
- Das, B.C. & Chakrabarti, S. 1985. The effect of seasonal trends in temperature on the intrinsic rate of increase of *Macrosiphoniella sanborni* (Gillette). 31-36.
- Salam, M.A., Haque, R. & Banu, B. 1985. Frequency of dominant lethals induced by ethyl methanesulfonate in sperm of *Drosophila melanogaster*. 37-41.
- Ali, M.M., Islam, M.A. & Habib, M.A.B. 1985. Monthly abundance of zooplankton and correlation of various dominant species and nauplius of zooplankton with some water characters in a pond. 42-48.



- Khalequzzaman, M. & Hasan, M. 1985. Studies on the effect of juvenile hormone analogue in eri-silkworm, *Samia cynthia ricini* (Boisduval). 49-53.
- Bhouyain, A.M. & Das, D.K. 1985. Primary production of a fishpond. 55-58.
- Khalequzzaman, M. & Haque, M.M. 1985. Food preference of the lesser bandicoot rat, *Bandicota bengalensis* Gray. 59-66.
- Chakravorti, S., Das, B.C., Mukhopadhyay, B. & Roychoudhury, N. 1985. Hatching behaviour of the larva of *Corycyracephalonica* (Stainton) (Lepidoptera: Pyralidae). 67-72.
- Kabir, A., Kabir, S.M.H. & Begum, A. 1985. Pattern of oviposition and orientation of the larvae of two species of pulse beetles. 73-75 (Scientific Note).
- Haque, R., Salam, M.A. & Begum, K. 1985. Influence of parental aging on preimaginal development in *Musca domestica*. 76-78 (Scientific Note).
- Rahman, S.M. & Khanam, L.A.M. 1985. Feeding effects of different maturity of leaves on some economic characters of silkworm, *Bombyx mori* L. 79-82 (Scientific Note).
- Ali, A. & Khan, A.R. 1985. Effect of *Lathyrus sativus* flour on food preference of *Tribolium confusum* larvae (Coleoptera: Tenebrionidae). 83-84 (Scientific Note).
- Volume 5 & 6 (1987)** Editorial Board: Prof. Mustafizur Rahman (Chairman), M. Sohrab Ali (Executive Editor), Prof. M. A. Quayum, Dr. Md. Abdus Salam Bhuiyan, Dr. M. Khalequzzaman, Dr. M. A. Salam.
- Chakravorti, S., Das, B.C., Mukhopadhyay, B. & Roychoudhury, N. 1987. Emergence behaviour of the rice moth *Corycyracephalonica* (Stainton) (Lepidoptera: Pyralidae). 1-5.
- Rahman, M.A. 1987. Production of high yielding cross-breeding varieties of mulberry silkworm. 7-14.
- Khaleque, M.A. 1987. On the use of radiographic method to study feed intake by rainbow trout (*Salmo gairdneri* Richardson): A preliminary study. 15-19.
- Mondal, K.A.M.S.H. 1987. Effect of synthetic methylquinone, aggregation pheromone and pirimiphos-methyl on fertility of *Tribolium castaneum* Herbst. 21-26.
- Rahman, A.S.M.S. & Quayum, M.A. 1987. Effect of food and temperature on the longevity and fecundity of *Menochilus sexmaculatus* (F.) (Coleoptera: Coccinellidae). 27-31.
- Molla, A. H., Rahman, M.B. & Qaisuddin, M. 1987. Biochemical and nutritional studies on the Bangladeshi fresh water eel, *Anguilla bengalensis* (Bao Baim). 33-39.
- Barua, G. & Islam, M.A. 1987. On the breeding biology of *Rana tigrina* (Daudin). I. Sex differentiation, sex ratio and breeding behaviour. 41-46.
- Baqi, M.A. 1987. Identification of *Nilaparvata lugens* (Stal.) population in Newcastle upon Tyne, England. 47-52.
- Hossain, M.A. & Parween, S. 1987. A comparative study on different drying methods of *Macrobrachium dayanum* (Henderson 1893). 53-58.
- Haque, M. & Khan, A.R. 1987. Biological aspects of *Pericallia ricini* F. (Lepidoptera: Arctiidae) on castor, *Ricinus communis* L. 59-62 (Scientific Note).
- Faizuddin, M. & Wahab, M.A. 1987. Avi-fauna of the Forest Research Institute campus, Chittagong, Bangladesh. 63-68 (Scientific Note).
- Bhuiyan, A.S. & Bhuiyan, A.S. 1987. Fecundity of the snake-headed fish, *Channa striatus* (Bloch) (Channidae: Channiformes). 69-70 (Scientific Note).
- Rahman, A.S.M.S. 1987. Comparative efficacy of two insect predators *Coccinella repanda* Thunb and *Propylea quatuordecim punctata* Lin. (Coleoptera: Coccinellidae). 71-73 (Scientific Note).
- Volume 7 (1988)** Editorial Board: Prof. Mustafizur Rahman (Chairman), Prof. M. Altaf Hossain-1 (Executive Editor), Md. Sohrab Ali, Dr. Md. Ataur Rahman Khan, Dr. M. Khalequzzaman, Md. Abdul Mannan, Dr. Rashidul Haque.
- Khan, A.R. & Hasan, M. 1988. Growth of the red flour beetle, *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae) on *Lathyrus sativus* flour. 7: 1-6.
- Hasan, M. & Khan, A.R. 1988. Effect of various agar levels in wholemeal flour on the growth and development of *Tribolium anaphe* Hinton (Coleoptera: Tenebrionidae). 7-12.
- Braman, A.C. & Nahar, A. 1988. The culture of bacteria pathogenic to the silkworm, *Bombyx mori* L. 13-16.
- Jalil, A.F.M.A. & Sultana, N. 1988. Biological studies of *Apanteles oblique* Walk. (Hymenoptera: Braconidae) and its role in controlling *Diacrisia obliqua* Walk. (Lepidoptera: Arctiidae) in nature. 16-21.
- Rahman, A.S.M.S. 1988. Effect of food and temperature on the longevity of *Micraspis cerocea* (F) (Coleoptera: Coccinellidae). 23-26.
- Bhuiyan, I.M. & Quinones, A.C. 1988. Biology of the corn weevil, *Sitophilus zeamais* Motch. 27-31.
- Bhuiyan, A.S. & Islam, N. 1988. Seasonal variation in the percentage composition of the food of *Xenentodon cancila*. 33-36.
- Islam, M.R. & Quayum, M.A. 1988. Biology of cotton spiny bollworm, *Earias vittella* (F.) (Lepidoptera: Noctuidae). 37-40.
- Khalequzzaman, M. 1988. Larval growth and its effect on quantitative characters in *Samia cynthia ricini* (Boisd.) (Lepidoptera: Saturniidae). 41-48.
- Quader, M.A., Haque, T. & Ahmed, S.U. 1988. Moulting effect on fat and water contents in silkworm *Bombyx mori* L. race nistid white. 49-51 (Scientific Note).
- Islam, M.S. & Islam, A.B.M.W. 1988. Mercuric chloride-induced morphogenetic changes in *Musca domestica* L. I. Studies on morphology and growth of developmental stages. 53-56 (Scientific Note).
- Rahman, M.S., Saha, A.K. & Hossain, I. 1988. Haematological studies on pigeon, *Columba livia* L. (Cloumbidae: Columbiformes) and fowl, *Gallus domesticus* (L.) (Gallacidae: Galliformes). 57-59 (Scientific Note).



- Khalequzzaman, M. 1988. The relation between measurements of the successive larval instar of eri-silkworm, *Samia cynthia ricini* (Boisduval) (Lepidoptera: Saturniidae). 61-63 (*Scientific Note*).
- Bhuiyan, M.I.M. & Alam, S. 1988. Varietal preference test on stored rice against rice weevil, *Sitophilus oryzae* (L.). 65-68 (*Scientific Note*).
- Volume 8 (1989)** Editorial Board: Prof. M. Altaf Hossain-1 (Chairman), Dr. M. Sayedur Rahman (Executive Editor), Md. Sohrab Ali, Dr. K.A.M. Shahadat Hossain Mondal, Dr. Md. Abdus Salam, M. Safinur Rahman, Dr. Md. Abdul Mannan.
- Islam, M.N. 1989. Effect of antennectomy on the mating behaviour of the pulse beetle, *Callosobruchus chinensis* (L.) (Coleoptera: Bruchidae). 1-5.
- Ali, M. 1989. Effect of some insecticides on the citrus leaf miner, *Phyllocnistis citrella* (Stnt.) (Lepidoptera: Phyllocnistidae) under field condition. 7-12.
- Bhattacharyya, S. 1989. A study of bird-arthropod nesting association in West Bengal (India). 13-18.
- Jahan, M.S., Rahman, M.S. & Biswas, S. 1989. Toxic effect of some indigenous plants product on the larval mortality of *Tribolium confusum* Duv. (Coleoptera: Tenebrionidae). 19-26.
- Hasan, M. & Khan, A.R. 1989. Temperature shock induced reduction in oviposition and fertility of *Tribolium confusum* Duval (Coleoptera: Tenebrionidae). 27-30.
- Mondal, K.A.M.S.H., Hossain, G.M.M. & Ali, M.S. 1989. Effect of some indigenous plant materials on larval development of *Tribolium confusum* Duval (Coleoptera: Tenebrionidae). 31-34.
- Quader, M.A., Sarker, A.A. & Haque, T. 1989. Estimation of sericin and fibroin contents in cocoons of different silkworm, *Bombyx mori* L. races. 35-42.
- Khalequzzaman, M. & Hasan, M. 1989. Comparative studies of five multivoltine races of the silkworm, *Bombyx mori* L. (Lepidoptera: Bombycidae). 43-49.
- Rahman, M.S. & Rahman, S.M. 1989. Correlations and path analysis of some characters in eri-silkworm, *Samia cynthia ricini* (Boisd.). 51-57.
- Salam, M.A., Haque, R. & Yesmin, S. 1989. The mutagenic action of caffeine in *Drosophila melanogaster*. 59-63.
- Rahman, A.S.M.S. 1989. Life history and feeding behaviour of the predator of aphid, *Coccinella septempunctata* L. (Coleoptera: Coccinellidae). 65-69.
- Bhuiyan, A.S. 1989. Effect of living space on the growth of *Cirrhina reba* (Hamilton). 71-75.
- Bhouyain, A.M. & Sen, H. 1989. Primary productivity of Foy's Lake, Chittagong, Bangladesh. 77-84.
- Ahmad, M. & Ahmad, M. 1989. A bibliography of *Diacrisia obliqua* Walker (Lepidoptera: Arctiidae)- Supplements 3. 87-91.
- Hossain, M.A., Dutta, S. & Parween, S. 1989. Changes in pleuron size in different developmental stages in freshwater prawns. 93-96 (*Scientific Note*).
- Volume 9 (1990)** Editorial Board: Prof. M. Altaf Hossain-1 (Chairman), Dr. Abdus Salam Bhuiyan (Executive Editor), Dr. M. Sayedur Rahman, Dr. M. Khalequzzaman, A.S.M. Shafiqur Rahman, Dr. S. Mahfuzar Rahman.
- Hossain, M.A., Parween, S., Taleb, A. & Rahman, M.H. 1990. Food and feeding habit of *Notopterus notopterus* (Pallas). 1-6.
- Rahman, A.S.M.S. 1990. Comparative feeding behaviour of *Micraspis discolor* and *Micraspis cerocea* (F) (Coleoptera: Coccinellidae) on aphids. 7-10.
- Islam, N & Bhuiyan, A.S. 1990. Effects of some supplementary feeds on the growth of the hatchlings of *Cirrhina mrigala*. 11-16.
- Afroze, S. & Hossain, M.A. 1990. The reproductive cycle of the fresh water fish *Amblypharyngodon mola* (Ham.) (Cypriniformes: Cyprinidae). 17-21.
- Quader, M.A. 1990. Effect of different concentrations of iodized salt on economic characters of silkworm, *Bombyx mori* L. 23-28.
- Rahman, M.S. & Rahman, S.M. 1990. Inheritance of larval weight in a eight-parent diallel cross of the eri silkworm, *Philosamia ricini* (Boisd.). 29-39.
- Islam, M.N. 1990. Responsiveness of males to female pheromones of the pulse beetle, *Callosobruchus chinensis* (L.) (Coleoptera: Bruchidae) at different light intensities. 41-46.
- Khan, A.R. & Faruki, S.I. 1990. Growth and development of *Bombyx mori* L. on feed supplemented with para-amino benzoic acid. 47-53.
- Salam, M.A., Hasan, M. & Jahan, S.R. 1990. Recessive lethal mutations induced by Actinomycin-D and N-Nitroso-N-Ethylura in *Drosophila melanogaster*. 55-62.
- Ali, I.A., Hossain, M.A. & Salam, M.A. 1990. Autosomal recessive lethal mutations following treatment with Methyl Methanesulfonate and Actinomycin-D in *Drosophila melanogaster*. 63-68.
- Islam, M.S. & Hossain, M.A. 1990. The fecundity and sex ratio of the common punti, *Puntius stigma* (Cuvier & Valenciennes) (Cypriniformes: Cyprinidae) from the river Padma near Rajshahi. 69-74.
- Bhuiyan, A.S. & Islam, M.N. 1990. Food of the fry of *Cirrhina mrigala* (Hamilton) (Cyprinidae: Cypriniformes). 75-78 (*Scientific Note*).
- Mondal, K.A.M.S.H. & Islam, M.S. 1990. Efficacy of some indigenous package materials against *Tribolium confusum* Duval. (Coleoptera: Tenebrionidae). 79-80 (*Scientific Note*).
- Ali, M.I. & Karim, M.A. 1990. Host preference of the spotted bollworm (SBW), *Earias vitella* (F.): Its potential use in integrated pest management of the SBW in cotton. 81-83 (*Scientific Note*).



- Bhuiyah, M.I.M. 1990. Evaluation of lagundi, *Vitex negundo* L. leaf powder as corn seed protectant against the corn weevil, *Sitophilus zeamais* Motsch. 85-89 (*Scientific Note*).
- Mannan, A., Khan, A.R. & Ali, S. 1990. New record of the snail, *Macrochlamys sequax* (Benson) (Mollusca: Pulmonata: Zonitidae) as a pest of vegetables from Rajshahi. 91-92 (*Scientific Note*).
- Islam, M.S. & Islam, A.B.M.W. 1990. Mercuric chloride-induced morphogenetic changes in *Musca domestica* L. II. Studies on preimaginal development and sex-ratio. 93-96 (*Scientific Note*).
- Volume 10 & 11 (1992)** Editorial Board: Prof. M. Altaf Hossain-1 (Chairman), Prof. M. Khalequzzaman (Executive Editor), Prof. M. Altaf Hossain-2, Prof. Abdus Salam Bhuiyan, Prof. M. A. Salam, A.S.M. Shafiqur Rahman, Dr. S. Mahfuzar Rahman.
- Baqi, M.A. 1992. Effect of plant age on damage of rice varieties by brown planthopper, *Nilaparvata lugens* (Stal.) (Homoptera: Delphacidae). 1-5.
- Rahman, A.S.M.S. 1992. Incidence of *Micraspis discolor* (Fab.) (Coleoptera: Coccinellidae) in response to aphid population and temperature. 7-11.
- Rahman, M.S. & Rahman, S.M. 1992. Genotype-environment interaction shown by some quantitative characters in eri silkworm, *Samia cynthia ricini* (Boisd.). 13-22.
- Hasan, M.M. & Khan, M.A.R. 1992. Influence of various yeast levels in wholemeal flour on the growth of *Tribolium anaphe* Hinton (Coleoptera: Tenebrionidae). 23-28.
- Ahmed, S. & Awal, S. 1992. Integrated production of *Artemia* with salt from the solar salt works of Bangladesh. 29-35.
- Parveen, N. & Mondal, K.A.M.S.H. 1992. Behavioural responses of *Tribolium castaneum* (Herbst) to turmeric (*Curcuma longa* L.) powder. 37-41.
- Khanom, M., Rahman, S.M. & Khalequzzaman, M. 1992. An analysis of genotype-larval rearing density interaction on some characters of the immature stages in silkworm, *Bombyx mori* L. (Lepidoptera: Bombycidae). 43-52.
- Ali, I.A., Hossain, M.A. & Salam, M.A. 1992. Effects of caffeine on the frequency of Methyl Methanesulfonate induced sex-linked recessive lethal mutations in *Drosophila melanogaster*. 53-58.
- Raushanullah, G.M. & Bhouyan, A.M. 1992. Morphology and durations of various life stages of female *Planococcus lilacinus* (Cockerell) (Homoptera: Pseudococcidae). 59-69.
- Bhuiyan, A.S., Islam, M.N. & Sultana, N. 1992. Food and feeding habit of *Aspidoparia morar* (Hamilton) from the river Padma. 71-76.
- Ali, M.S. & Baksha, M.W. 1992. Morphology and histology of the alimentary canal of epilachna beetle. I. Foregut. 77-84.
- Mollah, A.H. & Rahman, M.B. 1992. Separation, identification and estimation of fatty acids in fish oil from *Anguilla bengalensis* (Bao Baim) by argentation thin-layer chromatography using fluoro spectrophotometer. 85-91.
- Mahmud, Y., Haroon, A.K.Y. & Mazid, M.A. 1992. Pond monoculture of *Macrobrachium rosenbergii* (De Man). I. Effect of high stocking density with frequent culling on growth and yield. 93-98.
- Kamal, N.Q. & Dyck, V.A. 1992. Distribution pattern and population dynamics of rice leaf folder, *Cnaphalocrocis medinalis* Guenée. 99-102.
- Afroze, S., Hossain, M.A. & Parween, S. 1992. Notes on the size-frequency distribution and length-weight relationship of fresh water fish *Amblypharyngodon mola* (Hamilton) (Cypriniformes: Cyprinidae). 103-104 (*Scientific Note*).
- Khan, M.A.R. 1992. New record of the cockroach, *Neostylopyga rhombifolia* (Stal.) (Dictyoptera: Blattidae) from Bangladesh. 105-106 (*Scientific Note*).
- Das, B.C. & Biswas, P.C. 1992. Fecundity of *Macrosiphoniella sanborni* (Gillette) (Homoptera: Aphididae). 107-108 (*Scientific Note*).
- Islam, M.S. & Hossain, M.A. 1992. Length-weight relationship and condition factor of common punti, *Puntius stigma* (Cuvier & Valenciennes) (Cyprinidae: Cypriniformes). 109-110 (*Scientific Note*).
- Rahman, M.H., Hossain, M.A. & Parween, S. 1992. Notes on the sex ratio of *Lepidocephalus guntea* (Hamilton) (Cypriniformes: Cobitidae). 111-112 (*Scientific Note*).
- Hoque, M.A. & Hossain, M.A. 1992. Length-weight relationship and condition factor of the cat fish *Mustus vittatus* (Bloch) (Cypriniformes: Bagridae). 113-114 (*Scientific Note*).
- Volume 12 (1993)** Editorial Board: Prof. M. Altaf Hossain-1 (Chairman), Prof. Md. Sohrab Ali (Executive Editor), Prof. M. Sayedur Rahman, Prof. N. I. Md. Abdus Salam Bhuiyan, Prof. M. A. Salam, Dr. Md. Sarwar Jahan.
- Nabi, M.R. 1993. Daily feeding periodicities of *Macrognathus aculeatus* (Bloch) in a Chalan Beel water. 1-8.
- Hoque, M.A. & Hossain, M.A. 1993. Sexual maturity and fecundity of the freshwater cat fish *Mystus vittatus* (Bloch) (Cypriniformes: Bagridae). 9-13.
- Mian, M.Y., Haque, M.E., Brooks, J.E. & Savarie, P.J. 1993. Laboratory evaluation of bromethalin as a rodenticide against *Bandicota bengalensis* Gray. 15-19.
- Reza, A.M.S., Rahman, M.S. & Rahman, S.M. 1993. Studies on the variation of some larval traits in different breeds of silkworm, *Bombyx mori* L. 21-24.
- Rashid, H., Khan, A.R. & Rahman, S.M. 1993. Growth and development of *Tribolium anaphe* Hinton (Coleoptera: Tenebrionidae) on flours of various rice cultivars (*Oryza sativa* L.). 25-30.



- Parween, S., Begum, N., Rahman, M.H. & Hossain, M.A. 1993. On the breeding periodicity of *Esomus danicus* (Hamilton). 31-34.
- Ali, I.A., Hossain, M.A. & Salam, M.A. 1993. Modification of Ethyl Methanesulfonate induced autosomal recessive lethal mutation frequency by Actinomycin-D in *Drosophila melanogaster*. 35-38.
- Sarker, S.C., Salam, M.A., Biswas, P.C. & Das, B.C. 1993. The role of field temperature and relative humidity in affecting the fecundity and longevity of the mustard aphid, *Lipaphis erysimi* (Kaltenbach) (Homoptera: Aphididae) at Rajshahi. 30-44.
- Molla, A.H. & Rahman, M.B. 1993. Determination of N-terminal and C-terminal ends of proteins of *Anguilla bengalensis* (Bao Baim) by 2,4-dinitrofluorobenzene and carboxypeptidase digestion methods. 45-50.
- Banu, N., Khan, S., Yasmin, K. & Banerjee, A.K. 1993. Food of *Hypothalmichthys molitrix* (Valenceinnes) of Dilatpur Lake, Muradnagar, Comilla, Bangladesh. 51-57.
- Bhuiyan, A.S., Islam, M.N. Sultana, N. 1993. The fecundity and sex-ratio of *Aspidoparia morar* (Hamilton) (Cyprinidae: Cypriniformes) from the river Padma. 59-63.
- Jahan, M.S. 1993. Some terrestrial and fresh water gastropods of Bangladesh with their ecological notes. 65-71.
- Faruki, M.S.I. & Khan, A.R. 1993. Potency of UV irradiation on *Cadra cautella* (Walker) (Lepidoptera: Phycitidae) larvae treated with *Bacillus thuringiensis* Var. *kurstaki*. 73-79.
- Khan, Y.S.A., Zamal, H. & Bhuiyan, M.A.A. 1993. Study on the bacteria of public health significance in relation to processing of white shrimp (*Penaeus indicus*). 81-85.
- Zamal, H., Bhuiyan, M.A.A. & Khan, Y.S.A. 1993. Bacteriological analysis of white shrimp (*Penaeus indicus*) at different stages of processing. 87-95.
- Islam, M.A. & Ali, M.I. 1993. Effect of deltamethrin spray on the reduction of arthropod natural enemies and its consequences on the population of hoppers in rice field. 97-99.
- Osman, M.Z. & Selman, B.J. 1993. Suitability of different aphid species to the predator *Chrysoperla carnea* Stephens (Neuroptera: Chrysopidae). 101-105.
- Islam, M.S. 1993. A note on the breeding of the saw-shark, *Pristis cuspidatus* (Latham, 1979) (Rajiformes: Pristidae) caught in the river Meghna near Chandpur. 107-108 (Scientific Note).
- Biswas, P., Karim, K.N.S., Saha, M.K. & Das, B.C. 1993. The effect of temperature, relative humidity and dewpoint on the longevity of *Macrosiphoniella sanborni* (Gillette) (Homoptera: Aphididae) infesting chrysanthemum plant at Rajshahi. 109-110 (Scientific Note).
- Khair, S.A. & Parween, S. 1993. Notes on the relationship of chelate-weight with total-length and total-weight of *Macrobrachium rosenbergii* (De Man). 111-115 (Scientific Note).
- Hoque, M.T. & Haque, R. 1993. Comparative analysis of DNA content between one bivoltine and one multivoltine races of silkworm, *Bombyx mori* L. 117-120 (Scientific Note).
- Haque, R., Saha, A.K. & Nargis, S. 1993. Biochemical changes in protein composition due to parental aging in *Drosophila melanogaster*. 121-125 (Scientific Note).
- Islam, M.A. & Ali, M.I. 1993. Relative performance of two arthropod predators in rice ecosystem. 127-128 (Scientific Note).
- Volume 13 (1994)** Editorial Board: Prof. M. Altaf Hossain-1 (Chairman), Prof. M. Sohrab Ali (Executive Editor), Prof. M. Altaf Hossain-2, Prof. M. Khalequzzaman, Md. Safinur Rahman, Dr. Bidhan Chandra Das.
- Kabir, K.H., Rout, F.M.A., Islam, M.N. & Malaker, P.K. 1994. Efficacy of different insecticides in controlling brinjal shoot and fruit borer, *Leucinodes orbonalis* Guen. 1-8.
- Haque, M.M., Das, B.C. & Khalequzzaman, M. 1994. Seasonal abundance of *Calacarus quisqualis* Chakrabarti and Mondal (Acarine: Eriophyoidea) infesting Madhabilata (*Quisqualis indica* L.) at Rajshahi. 9-14.
- Mannan, M.A. & Bhuiyah, M.I.M. 1994. Studies on the oviposition preference of pulse beetle, *Callosobruchus maculatus* Fabricius on true and artificial pulse seeds. 15-24.
- Bhuiyan, A.S., Islam, M.N. & Islam, M.S. 1994. Seasonal pattern of food and feeding habit of *Rhinomugil corsula* (Ham.) from the river Padma. 25-29.
- Hoque, M.T., Islam, M.S. & Khan, A.R. 1994. Effect of *Bacillus thuringiensis* var. *kurstaki* on the production of fibroin and sericin in treated *Bombyx mori* L. 31-34.
- Islam, S. & Haque, R. 1994. Developmental variation of fibroin protein gene expression in different silkworm races of *Bombyx mori* L. 35-38.
- Islam, M.M. & Panbanpaew, S. 1994. Effects of broodstock sources and sizes on ovarian maturity and spawning of *Penaeus monodon* Fabricius. 39-47.
- Nahar, J. & Khalequzzaman, M. 1994. Studies on the F₁ hybrids of the silkworm, *Bombyx mori* L. I. Combining ability of some characters among multivoltine and bivoltine varieties. 49-54.
- Jahan, M.S., Biswas, T.K., Rahman, S.M. & Rahman, S.N. 1994. The efficacy of some indigenous products on the growth of silkworm, *Bombyx mori* L. through the control of bed diseases. 55-60.
- Jahan, M.S., Rahman, S.M. & Khan, A.R. 1994. Longevity of the uzi fly, *Exorista sorbillans* Wiedmann (Diptera: Tachinidae) on glucose, sucrose and honey solutions. 61-64 (Scientific Note).
- Ashraf, S.M.A., Biswas, P.C. & Das, B.C. 1994. Effect of temperature and humidity on the larval development of *Coccinella transversalis* (Fabricius) (Coleoptera: Coccinellidae). 65-68 (Scientific Note).



- Alam, M.R., Mortuza, M.G., Islam, M.S. & Hossain, M.A. 1994. Notes on the size frequency distribution and length-weight relationship of the freshwater fish *Atilia coila* (Hamilton-Buchanan) (Siluriformes: Schilbeidae). 69-70 (*Scientific Note*).
- Saha, A.K., Rahman, M.S. & Mandal, T. 1994. A preliminary note on haematological studies on persons engaged in different occupation. 71-74 (*Scientific Note*).
- Saha, A.K., Rahman, M.S., Saha, B.N. & Uddin, M. 1994. Effect of proline and leucine on the growth and development of silkworm, *Bombyx mori* L. 75-78 (*Scientific Note*).
- Volume 14 & 15 (1996)** Editorial Board: Dr. M. Sayedur Rahman (Chairman), Dr. M. Khalequzzaman (Executive Editor), Dr. Md. Abdus Salam, Dr. Md. Sarwar Jahan, Dr. S. Mahfuzar Rahman, Ananda Kumar Saha.
- Haque, M.M., Das, B.C. & Khalequzzaman, M. 1996. Seasonal abundance of *Diptilomiopus guajavae* Mohanasundaram (Acari: Eriophyoidea) infesting guava at Rajshahi. 1-6.
- Khalequzzaman, M. & Islam, M.Z. 1996. Evidence of synergism between urea and cypermethrin in housefly, *Musca domestica* L. 7-14.
- Rahman, S.M. & Jahan, M.S. 1996. Hybrid vigour for cocoon and shell weight in single cross hybrids of multivoltine silkworm, *Bombyx mori* L. 15-18.
- Shamim, S.A. & Khan, A.R. 1996. Morphology and histology of the alimentary canal in the tropical warehouse moth, *Cadra cautella* (Walker) larvae (Lepidoptera: Phycitidae). 19-27.
- Bhuiyan, A.S. & Afrose, R. 1996. The fecundity and sex ratio of *Oreochromis nilotica* (L.) (Perciformes: Cichlidae). 29-32.
- Azam, K., Mackie, I.M., Smith, J. & Rahman, M.S. 1996. Effect of slaughter method on the quality of rainbow trout (*Salmo gairdneri*) during frozen storage. 33-40.
- Islam, M.S. & Shofiquzzoha, A.F.M. 1996. Preliminary understanding of different hormonal regimes on induced breeding of black carp (*Mylopharyngodon piceus*). 41-46.
- Jahan, M.S. & Rahman, M.R. 1996. Breeding biology of fresh water snail *Lymnaea (Raadix) acuminata* Lamarck (Gastropoda: Lymnaeidae). 47-54.
- Hossain, M.I., Ameen, M. & Mridha, M.A.H. 1996. Effect of sub-lethal dose of neem seed extracts on the larvae of *Culex quinquefasciatus* Say (Diptera: Culicidae) of Dhaka City. 55-62.
- Nabi, M., Huda, R.J., Khatun, M. & Matin, M.A. 1996. Karyomorphology study of a cyprinid fish *Cirrhinus mrigala* (Ham. 1822). 63-69.
- Islam, M.M., Rahman, S.L. & Latif, M.A. 1996. On the damage of different shell fish and fin fish fauna in collecting *Penaeus monodon* post-larvae in Meghna estuaries of Bhola. 71-75.
- Islam, M.S. 1996. Effects of various treatments of a maternally-produced gregarizing factor on phase transformation in the desert locust *Schistocerca gregaria* (Forskal.). II. Effects on hatching coloration. 77-85.
- Islam, M.S. & Salam, M.A. 1996. Effect of a pheromone analogue on male mating behaviour in *Musca domestica* L. (Diptera: Muscidae). 87-90 (*Scientific Note*).
- Rouf, F.M.A., Kabir, K.H. & Islam, M.S. 1996. Development of economic threshold level (ETL) of mustard aphid on mustard. 91-93 (*Scientific Note*).
- Volume 16 (1997)** Editorial Board: Dr. Abdus Salam Bhuiyan (Chairman), Dr. M. Khalequzzaman (Executive Editor), M. Safinur Rahman, Dr. A.S.M. Shafiqur Rahman, Dr. M. Saiful Islam, Dr. M. Nurul Islam.
- Bhuiyan, A.S., Begum, M. & Nessa, Q. 1997. Observation on the food and feeding habit of *Clupisoma atherinoides* (Bloch) (Siluriformes: Schilbidae). 1-5.
- Islam, M.S., Rahman, M.S. & Mazid, M.A. 1997. Effect of fertilizers on the growth and survival of black carp (*Mylopharyngodon piceus*) hatchlings in nursery ponds. 7-10.
- Parween, S. 1997. Effect of triflumuron on the adult midgut of *Tribolium castaneum* Herbst (Coleoptera: Tenebrionidae). 11-18.
- Islam, M.S. & Ferdous, Z. 1997. Effect of larval rearing density on the hatchability of reproductive attributes in *Culex quinquefasciatus* Say (Diptera: Culicidae). 19-23.
- Haque, M.M. 1997. Toxicological effect of some insecticides on guava mite, *Diptilomiopus guajavae* Mohana-sundaram infesting guava plant. 25-27.
- Haque, M.M., Das, B.C. & Khalequzzaman, M. 1997. Population dynamics of *Cosella purpureusi* Haque & Das (Acari: Eriophyoidea) infesting bean plant at Rajshahi. 29-33.
- Ahsan, M.K. & Rahman, S.M. 1997. Correlation and path coefficient analysis in indigenous varieties of silkworm, *Bombyx mori* L. 35-38.
- Saha, A.K. & Khan, A.K. 1997. Lipid and water contents of *Bombyx mori* L. fed on mulberry leaves treated with ananine and glutamine. 39-42.
- Ali, I.A. & Mustari, S. 1997. Mutagenic effects of Ethyl Methanesulfonate and Actinomycin-D on *Drosophila melanogaster*. 43-49.
- Laz, R. & Salam, M.A. 1997. Induction of dominant lethal mutations by Ethyl Methanesulfonate and caffeine in the silkworm, *Bombyx mori* L. III. Effects on the larval and pupal mortality, sex-ratio, adult recovery and effective rate of rearing. 51-58.
- Haque, M.T. 1997. Field performance of developed bivoltine breeds of silkworm, *Bombyx mori* L. in favourable rearing seasons of Bangladesh. 59-64.



- Islam, M.N., Parveen, S.A. & Khalequzzaman, M. 1997. Efficacy of seed extracts of dhatura, *Datura metel* L. against *Tribolium castaneum* (Herbst.) (Coleoptera: Tenebrionidae). 65-68.
- Ali, I.A. 1997. Sensitivity of the successive stages of spermatogenesis to the mutagenic action of Ethyl Methanesulfonate and Caffeine in *Drosophila melanogaster*. 69-72.
- Khalequzzaman, M. & Islam, R. Synergism of cypermethrin by neem (*Azadirachta indica* A. Juss) leaf extract against housefly *Musca domestica*. 73-78.
- Ali, I.A. 1997. Effects of caffeine on Methyl Methanesulfonate-induced autosomal recessive lethal mutations in *Drosopila melanogaster*. 79-84.
- Bhuiyan, N.I.M.A.S., Nahar, Q & Islam, M.N. 1997. Physico-chemical condition in relation to morphological condition of a fish pond in Rajshahi. 85-88.
- Khanum, H., Islam, N. & Dhar, T. 1997. Prevalence of *Ascaris lumbricoides* and *Trichuris trichura* among the children of four slum areas of Dhaka City. 89-94.
- Ehshan, M.A., Hossain, M.S., Razzaque, A., Mollah, M.F.A. & Mazid, M.A. 1997. Limnology of a floodplain: haldi Beel. 95-98.
- Ahmed, K.N. & Khan, A.R. 1997. Biological notes on *Diplazon laetatorius* (F.) (Hymenoptera: Ichneumonidae) parasitizing aphidophagous syrphidae. 85-86 (Scientific Note).
- Fatema, N., Mortuza, M.G., Parween, S. & Hossain, M.A. 1997. On the breeding periodicity of *Oxygaster bacaila* (Hamilton) (Cypriniformes: Cyprinidae). 87-88 (Scientific Note).
- Volume 17 (1998)** Editorial Board: Prof. Dr. M. Altaf Hossain (Chairman), Prof. Dr. M. Abdus Salam (Executive Editor), Prof. Dr. Md. Sarwar Jahan, Dr. Md. Saiful Islam Faruki, Golam Mortuza, Dr. A.M. Saleh Reza.
- Mollah, A.H., Rahman, M.S. & Alam, M.T. 1998. Study on proximate chemical analysis of Bangladeshi fresh water fish, *Rita rita* (Ham.) and seasonal variation of lipid, protein and related substances. 1-6.
- Shahjahan, R.M., Begum, A., Hasnuzzaman, M. & Yesmin, F. 1998. Electrophoretic banding patterns on larval serum proteins (LPS) in melonfly *Bactrocera cucurbitae* (Coq). 7-10.
- Sarker, M.M. & Jahan, M.S. 1998. Embryonic development of freshwater snail *Lymnaea stagnalis* (Linnaeus) (Order: Basommatophora, Family: Lymnaeidae). 11-17.
- Rahman, M.R., Parvez, M.A., Sarker, M.M. & Jahan, M.S. 1998. Histopathology of infected organs of *Bellamya bengalensis* (Lamarck) by larval helminth. 19-27.
- Bhuiyan, A.S. & Nessa, Q. 1998. A quantitative study of zooplankton in relation to the physico-chemical conditions of a freshwater fish pond of Rajshahi. 29-37.
- Faruki, S.I. 1998. Nutritive effects of thianomin enriched meuberry leaves on the silkworm, *Bombyx mori* L. 39-44.
- Khalequzzaman, M. & Hossain, M.A. 1998. The burrow system of the lesser bandicoot rat, *Bandicota bengalensis* (Gray) in the rice fields. 45-50.
- Islam, M.A., Chowdhury, A.H. & Zaman, M. 1998. Seasonal occurrence of zooplankton in four managed fish ponds in Rajshahi. 51-60.
- Sultana, S., Parween, S., Hossain, M.A. & Mortuza, M.G. 1998. Some aspects of reproductive biology of *Pangasius pangasius* (Hamilton) (Schilbeidae: Siluriformes). 61-64.
- Reza, A.M.S., Hasan, M., Islam, M.S. & Salam, M.A. 1998. N-Nitroso-N-Ethylurea induced changes in the reproductive potential of *Bombyx mori* L. (Lepidoptera: Bombycidae). 65-69 (Scientific Note).
- Rahman, A.S.M.S., Debi, K. P. & Azad, A.K. 1998. Evaluation of synergistic mixtures of piperonyl butoxide (PBO) and pirimiphos-methyl or cypermethrin against the rice weevil, *Sitophilus oryzae* (Coleoptera: Curculionidae). 71-73 (Scientific Note).
- Rahman, M.R., Parween, S. & Ara, H. 1998. A brief report on two helminth endoparasites from *Mastacembelus armatus* (Lacepede). 75-77 (Scientific Note).
- Volume 18 (1999)** Editorial Board: Prof. Dr. M. Altaf Hossain (Chairman), Prof. Dr. M. Abdus Salam (Executive Editor), Prof. Dr. Md. Sarwar Jahan, Dr. Md. Saiful Islam Faruki, Golam Mortuza, Dr. A.M. Saleh Reza.
- Ahsan, M.K., Rahman, S.M. & Ali, I.A. 1999. Inheritance of some quantitative traits in fifteen indigenous varieties of silkworm, *Bombyx mori* L. 79-83.
- Islam, M.N., Mondal, M.R.I., Nahar, Q. & Bhuiyan, A.S. 1999. Seasonal impact on food and feeding habit of freshwater fish, *Colisa fasciata* (Bloch). 85-89.
- Hoque, K.M.F. & Islam, M.S. 1999. Effects of tetracycline and UV-radiation treatments on the expression of incompatibility in the red flour beetle, *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). 91-102.
- Alam, M.M. & Bhuiyan, A.S. 1999. Determination of optimum dose for induced spawning of *Labeo rohita* (Hamilton, 1822). 103-108.
- Reza, A.M.S. 1999. Performance & variability studies of some economic traits in the mulberry silkworm, *Bombyx mori* L. 109-116.
- Chowdhury, A.H. & Zaman, M. 1999. Zooplankton of the river Padma near Rajshahi in relation to physico-chemical conditions. 117-123.
- Khan, A.R. & Hossain, M. 1999. Effect of nishinda (*Vitex negundo* L.) leaf extracts on the mosquito, *Culex quinquefasciatus* Say (Diptera: Culicidae). 125-130.
- Islam, M.S. & Dixon, P.I. 1999. Population structure analysis of the flat-tail mullet, *Liza argentea* (Quoy & Gaimard) (Pisces: Mugilidae) using morphometric criteria. 131-139.



- Jahan, M.S., Bulbul, R.A., Pramanik, M.N. & Sarker, M.M. 1999. Distribution and abundance of earthworms in Bogra district. 141-149.
- Begum, R.A., Baqui, M.A. & Ahmad, S. 1999. Some aspects of life cycle of green mirid bug *Cyrtorhinus lividipennis* (Reuter) (Hemiptera: Miridae). 151-157.
- Parween, S. & Hossain, M.A. 1999. Some aspects of biology of *Palaemon styliferus* (H.M. Edwards) of Dhal Island. 159-164 (*Scientific Note*).
- Reza, A.M.S. & Faruki, M.S.I. 1999. Effect of hydrogen peroxide on the fecundity and hatchability of mulberry silkworm, *Bombyx mori* L. 165-168 (*Scientific Note*).
- Hossain, M.A., Parween, S. & Mortuza, M.G. 1999. Estimation of edible contents of some freshwater fish species. 169-171 (*Scientific Note*).
- Volume 19 (2000)** Editorial Board: Prof. Dr. M. Sayedur Rahman (Chairman), Prof. Dr. M. Abdus Salam (Executive Editor), Prof. Dr. Abdus Salam Bhuiyan, Prof. Dr. Sowdagar Mahfuzar Rahman, Dr. Aminuzzaman Md. Saleh Reza, Dr. Rezina Laz.
- Hossain, M.A. & Khalequzzaman, M. 2000. Rice and wheat texture preference by the lesser bandicoot rat, *Bandicota bengalensis* (Gray) in captivity. 1-5.
- Khanom, M. & Khalequzzaman, M. 2000. Effect of neem (*Azadirachta indica* A. Juss) seed extracts on larvae and adults of *Tribolium castaneum* (Herbst). 2-16.
- Mohsin, A.B.M. 2000. Present status on post stocking management and maintenance of improved traditional carp culture at Rajshahi and Natore areas. 17-20.
- Ahsan, M.K., Rahman, S.M. & Ali, I.A. 2000. Variability of some quantitative traits in the hybrids of silkworm *Bombyx mori* L. 21-24.
- Islam, M.N., Khan, T.A. & Bhuiyan, A.S. 2000. Ecology and seasonal abundance of some zooplankton pf a pond in Rajshahi. 25-32.
- Reza, A.M.S. 2000. Performance of some breeds and their hybrid combinations of mulberry silkworm, *Bombyx mori* L. 33-35.
- Rahman, M.H., Karim, M.R. & Hassan, P. 2000. Some physico-chemical attributes in the silkworm waste pupae. 37-41.
- Islam, M.S. & Kabir, M.A. 2000. Integration of cytoplasmic incompatibility with UV radiation and its consequence on the supression of *Tribolium castaneum* (Herbst) population. 43-49.
- Devnath, D., Rahman, S.M., Reza, A.M.S. & Ali, I.A. 2000. Effect of Deca-Durabolin on fecundity, growth and cocoon characters of silkworm, *Bombyx mori* L. 51-54.
- Sarker, M.M., Jahan, M.S. & Rahman, M.R. 2000. Reproductive biology of a freshwater pulmonate, *Lymnaea stagnalis* Linnaeus 1758. 55-59.
- Islam, M.S. & Khan, H.S. 2000. Changes in reproductive attributes associated with larval rearing density in the housefly, *Musca domestica* L. 61-66.
- Parween, S. & Rahman, M.R. 2000. Distribution of helminth parasites in different organs and their monthly rate of infection in three freshwater fishes of Rajshahi. 67-72.
- Neela, F.A. & Alam, S. 2000. A survey on tinea diseases in Rajshahi, Bangladesh. 73-77.
- Khanum, H., Haq, R. & Zannat, R. 2000. Prevalence of *Giardia lamblia* infection in asymptomatic rural children in Mirzapur, Bangladesh. 79-82 (*Scientific Note*).
- Khanum, H., Chawdhury, S. & Paul, S. 2000. Hookworms infections in as influenced by hygienic and socio-economic conditions in some rural areas of Bangladesh. 83-86 (*Scientific Note*).
- Alam, M.S., Alam, M.S. & Alam, M.R. 2000. Abundance of fungal flora in relation to moisture content and storage period in different types of poultry feed. 87-91 (*Scientific Note*).
- Jahan, M.S. & Raut, S.K. 2000. Occurrence of egg-clutches of *Achatina fulica* Bowdich in the agrihoticultural garders of Bangladesh. 93-95 (*Scientific Note*).
- Ali, M.S., Ahsam, M.K. & Hossain, M.A. 2000. An observation on the fish and fisheries of the sacred water of Bagha Dighi. 97-100 (*Scientific Note*).
- Hossain, M.A., Rahman, M.S., Khan, Y.S.A., Sarkar, M.N. & Sanaullah, M. 2000. On the aquatic snakes of Dhal Island areas. 101-104 (*Scientific Note*).
- Parween, S., Ahsan, M.K. & Mortuza, M.G. 2000. Modifications of mouthparts and gill rakers of *Notopterus chitala* (Hamilton) in relation to its food and feeding habit. 105-108 (*Scientific Note*).
- Saha, B.K., Hossain, M.A. & Jahan, M.S. 2000. Production of shell less flesh of the freshwater edible snail, *Pila globosa* (Swainson, 1822) (Gastropoda: Prosobranchia). 109-111 (*Scientific Note*).
- Mortuza, M.G. & Mokarrama, N.T. 2000. Notes on the length-weight relationship and condition factor of mud loach *Botia lohachata* (Chaudhuri) (Cypriniformes: Cobitidae). 113-114 (*Scientific Note*).
- Volume 20 (2001)** Editorial Board: Prof. Dr. M. Altaf Hossain (Chairman), Prof. Dr. M. Mahtab Ali (Executive Editor), Prof. Dr. M. A. Salam, Prof. Dr. A.S.M. Shafiqur Rahman, Dr. Mahbub Hasan, Ananda Kumar Saha, M. Nazrul Islam.
- Khalequzzaman, M. & Saha, D.K. 2001. Effect of the low doses of malathion on the development of resistance by housefly, *Musca domestica* L. 1-8.
- Mohsin, A.B.M., Islam, M.N. & Hossain, M.A. 2001. Comparative study on different types of stocking combination of improved traditional carp culture at Natore and Rajshahi districts. 9-16.



- Islam, M.S., Rahman, M.A. & Laz, R. 2001. Manipulation of reproductive potential in the pulse beetles *Callosobruchus* spp. (Coleoptera: Bruchidae) by gamma irradiation. 17-24.
- Rahman, M.H. 2001. Resuscitation of viable but non-culturable cells (VBNC) of *Aeromonas hydrophila* and its virulence to fish. 25-29.
- Haque, M.M. 2001. Habit preference of bean mite, *Cosella pupureusi* Haque & Das (Acari: Eriophyoidea) and its susceptibility to some acaricides. 31-34.
- Jahan, M.S., Rahman, M.R., Sarker, M.M. & Mohanta, K.R. 2001. Ecology of *Gyraulus convexiusculus* (Hutton, 1849) (Gastropoda: Planorbidae). 35-40.
- Ali, M. & Alam, S. 2001. Nest and nest building of the leafcutter bee, *Megalosmia laboriosa* Michener (Hymenoptera: Megachilidae: Megachilinae). 41-44.
- Bhuiyan, A.S., Sharmeen, S. & Nesa, B. 2001. The food and feeding habit of *Puntius ticto* (Hamilton). 45-48.
- Saha, A.K., Sabuj, S.A. & Gazi, M.M.R. 2001. Nutritive effects of ascorbic acid supplement on some economic characters of the silkworm, *Bombyx mori* L. 49-52.
- Rahman, M.R. & Parween, S. 2001. Parasitic infestation in relation to length of *Heteropneustes fossilis*, *Channa punctatus* and *Colisa fasciatus*. 53-56.
- Ashfaq, M., Chemma, G.M., Nasreen, A. & Saleem, M.A. 2001. Seed treatment with imidacloprid to control early season sucking insect pests of CIM-445 cotton. 57-60.
- Islam, M.R. & Mortuza, M.G. 2001. Flora and faunal diversity of the Beel Mantala of Ullapara, Serajganj. 61-65.
- Rahman, S.M. & Jahan, M.S. 2001. Gene action on cocoon size in silkworm, *Bombyx mori* L. (Lepidoptera: Bombycidae). 67-70.
- Khalequzzaman, M., Sultana, S. & Nahar, J. 2001. Efficacy of methacrifos against some strains of the red flour beetle, *Tribolium castaneum* (Herbst). 71-74.
- Fakruzzaman, M., Chowdhury, A.H., Naz, S. & Zaman, M. 2001. Zooplankton of some fish ponds in Barind Tract in relation to its physico-chemical variables. 75-80.
- Ahsan, M.K., Rahman, S.M., Haque, M.T. & Ali, I.A. 2001. Interrelationship between some egg and larval characters in different breeds of silkworm, *Bombyx mori* L. 81-84.
- Haque, M.M., Naher, N. & Das, B.C. 2001. Variation in the amount of lipid content in different varieties of lichi leaves due to infestation of mite, *Aceria lichi* Channabasavanna (Acari: Eriophyoidea). 85-86 (*Scientific Note*).
- Hussain, M.A. & Hossain, M.A. 2001. Notes on the reproductive cycle of *Mastacembelus pancalus* (Hamilton). 87-88 (*Scientific Note*).
- Hossain, M.A. & Khalequzzaman, M. 2001. Food consumption by the lesser bandicoot and house rat in laboratory. 89-91 (*Scientific Note*).
- Islam, M.N., Flowra, F.A., Khatun, S. & Hossain, M.A. 2001. Reproduction and reproductive periodicity of *Setipinna phasa* (Hamilton) (Clupeiformes: Engraulidae). 92-94 (*Scientific Note*).
- Hossain, M.A., Khan, M.A.R., Mannan, M.A. & Hossain, M.A. 2001. A note on the fish biodiversity of Altadighi, a manmade redsoil freshwater reservoir in Naogaon. 97-98 (*Scientific Note*).
- Ali, A.A. & Parween, S. 2001. Size-frequency distribution and length-weight relationship of *Macrobrachium lamarrei* (H.M. Edwards 1837). 99-101 (*Scientific Note*).
- Volume 21 (2002)** Editorial Board: Prof. Dr. M. Altaf Hossain (Chairman), Prof. Dr. Mahtab Ali (Executive Editor), Prof. Dr. M. Khalequzzaman, Prof. Dr. Md. Sarwar Jahan, Prof. Dr. Seline Parween, Prof. Dr. Mahbub Hasan, Dr. Md. Habibur Rahman, Dr. Mohd. Mainul Haque.
- Devy, A.R. & Khan, A.B. 2002. Lead nitrate induced hepato renal toxicity in the adult albino rats. 1-3.
- Hossain, A. & Khalequzzaman, M. 2002. Burrowing pattern and damage caused by the lesser bandicoot rat, *Bandicota bengalensis* (Gray) in wheat fields. 5-7.
- Saleem, M.A., Ashfaq, M., Hussain, R. & Shakoori, A.R. 2002. Some macromolecular abnormalities developed by interaction of malathion + cypermethrin in *Tribolium castaneum* (Herbst) larvae. 9-11.
- Haq, M., Rabbi, M.F. & Karim, A.N.M.R. 2002. Effect of nitrogenous fertilizer on the incidence of rice insect pests and their natural enemies. 13-15.
- Khanum, H., Sultana, R., Alam, M.S. & Zaman, R.F. 2002. Endoparasitic helminth infection in *Hemidactylus flaviviridis* (Ruppel, 1835). Executive Editor 17-19.
- Alam, M.A., Dewan, S., Hossain, M.I. & Hussain, M.G. 2002. Food and feeding habit of *Tor putitora* (Hamilton). 21-22.
- Bhuiyah, M.I.M., Karim, A.N.M.R., Islam, B.N. & Alam, Z. 2002. Control of the pulse beetle in stored chickpea and lentil by treating sacks with acetone extract of some selected botanicals. 23-26.
- Bashar, K., Shahjahan, R.M., Baqui, M.A. & Hasanuzzaman, M. 2002. Electrophoretic banding pattern of esterase isoenzymes in adult brown planthopper, *Nilaparvata lugens* (Stal.) (Hom.: Delphacidae). 27-29.
- Asmat, G.S.M. 2002. Two new species of trichodinid ciliates (Ciliophora: Trichodinidae) from Indian fishes. 31-34.
- Huq, K.A., Hossain, M.I. & Huda, M.N. 2002. Abundance and feeding ecology of freshwater apple *Pila globosa* (Swinson) in beel ecosystem of Gopalgonj. 35-36.
- Faruki, S.I., Parween, S. & Begum, M. 2002. Potentiability of Baycidal on the growth and development of malathion-susceptible and multi-resistant strains of *Tribolium castaneum* (Herbst) treated at different larval ages. 37-39.



- Alam, M.T., Rahmatullah, S.M., Alam, M.S. & Rahman, M.F. 2002. Food and feeding habit of *Gudusia chapra* (Hamilton). 41-44.
- Khalequzzaman, M. & Nahar, J. 2002. Effect of different types of mulberry leaf maturity on the growth and economic traits in *Bombyx mori* L. 45-48.
- Asmat, G.M.S. 2002. Occurrence and morphology of some *Tripartiella* spp. (Ciliophora: Trichodinidae) from freshwater and estuarine fishes in India. *Univ. J. Zool. Rajshahi Univ.* 21: 49-55.
- Haque, M.M. and Kawai, A. 2002. Distribution pattern of tomato russet mite, *Aculops lycopersici* (Massee) (Acar: Eriophyoidea) on tomato leaf. 57-58.
- Saha, A.K. & Haque, M.F. 2002. Effect of soil quality on the viability of GFP marked *Rhizobium*. 59-61.
- Islam, M.N. 2002. Cannibalism of freshwater gobi, *Glossogobius giuris* (Hamilton) in relation to its size, sex and season from the river Padma. 63-64.
- Latifa, G.A., Rahman, M.M. & Parvin, S. 2002. Fecundity and maturation of gonad of snakehead fish *Channa striatus* (Bloch, 1793) (Channiformes: Channidae). 65-67.
- Chowdhury, A. & Sufi, G.B. 2002. Blood sugar: A sensitive stress indicator in cultured air breathing *Clarias batrachus* (Linnaeus, 1758) and *Channa striatus* (Bloch, 1794). 69-71.
- Islam, M.N., Chowdhury, M.F.R. and Mohsin, A.B.M. 2002. Role of hatchery in the fish culture development of Rajshahi district in Bangladesh. *Univ. J. Zool. Rajshahi Univ.* 21: 73-76.
- Elora, B., Islam, K. & Ferdousi, Z. 2002. Some biological investigations and damage of vegetable crops by *Epilachna pusillanima* Muls. (Coleoptera: Coccinellidae). 77-78.
- Hossain, M.A., Khan, A.R. & Mannan, M.A. 2002. Present status of pond fishery in Dhamairhat Upazila, Naogaon. 79-80.
- Rahman, H. 2002. Counting of colony forming unit of *Flavobacterium psychrophilum*, the causative agent of coldwater disease in fish. 81-83.
- Ghosh, L. & Ali, M.R. 2002. Post-infectional biochemical changes in mulberry leaves affected by *Ercospora moricola* Cooke and its effect on cocoon characters in the silkworm, *Bombyx mori* L. 85-87.
- Rahman, A.S.M.S. & Haque, F. 2002. Combined action of diazinon and piperonyl butoxide against american cockroach, *Periplaneta americana* (L.). 89 (Scientific Note).
- Hossain M.A., Islam, M.N., Ahsan, M.K. & Sultana, N. 2002. Reproductive periodicity of *Gonialosa manminna* (Ham.) (Clupeiformes: Clupeidae). 91-92 (Scientific Note).
- Hossain, M.A., Ali, M.S. & Sanaullah, M. 2002. Fishing by using botanical in the intertidal mud flat of the Kukrimukri Island, Bangladesh. 93 (Scientific Note).
- Alam, M.S., Khanum, H. & Nessa, Z. 2002. Rat pinworm *Syphacia muris* Yamaguti, 1941 (Nematoda: Oxyuroidea) from laboratory rat in Bangladesh. 95-96 (Scientific Note).
- Haque, M.M., Takeda, M. & Sawai, Y. 2002. Major amino acid contents of mite (*Acaphylla theavagrans* Kadono) infested tea leaves. 97-98 (Scientific Note).
- Rahman, M.H., Parween, S., Mortuza, M.G. & Ahsan, M.K. 2002. Reproductive periodicity and spawning potentiality of *Rhinomugil corsula* (Ham.) (Mugiliformes: Mugilidae). 99-100.
- Hossain, M. & Khan, A.R. 2002. Effect of neem leaf (*Azadirachta indica* A. Juss) extracts on the mosquito *Culex quinquefasciatus* Say. 101-102 (Scientific Note).
- Volume 22 (2003)** Editorial Board: Prof. Dr. M. Altaf Hossain (Chairman), Prof. Dr. Mahtab Ali (Executive Editor), Prof. Md. Sohrab Ali, Prof. Bidhan Chandra Das, Prof. Ananda Kumar Saha, Dr. Md. Saiful Islam Faruki.
- Chowdhury, S.H. & Mohiuddin, M. 2003. Butterflies of the eastern border of Bangladesh – a checklist. 1-9.
- Jewel, M.A.S. & Affan, M.A. 2003. Epizootic ulcerative syndrome (EUS) in fishes of small-scale farmer's ponds in Bogra district of Bangladesh. 11-18.
- Haque, M.M. & Kawai, A. 2003. Dispersion of *Aculops lycopersici* (Tryon) (Acar: Eriophyoidea) on tomato leaves and stems. 19-22.
- Azam, K., Bashar, M.Z., Asaduzzaman, M., Hossain, M.M. & Ali, M.Y. 2003. Biochemical quality assessment of fourteen selected dried fish. 23-26.
- Ghosh, L., Neela, F.A., Alam, M.S. & Pasha, M.K. 2003. *In vitro* and *in vivo* evaluation of certain chemicals against *Beauveria bassiana* pathogen of white muscardine disease of silkworm, *Bombyx mori* L. 27-32.
- Saha, A.K., Zaman, R. & Khatun, R. 2003. Influence of family size on the relationship of blood pressure with arms, neck and waist circumferences in the female students of Rajshahi University, Bangladesh. 33-39.
- Hossain, M.A., Mannan, M.A. & Hossain, M.A. 2003. Primary productivity estimation in relation to trophic status in Altadighi in Naogaon district, Bangladeshi. 41-45.
- Khalequzzaman, M. & Nahar, J. 2003. Toxicity of azadirachtin to larvae and adults of *Tribolium castaneum* (Herbst). 47-53.
- Ali, M.S., Amin, M.R., Khaleque, M.A., Amin, M.R., Alam, M.T. & Babul, M.B.H. 2003. Comparative study on the water quality and growth of GIFT (genetically improved farmed tilapia strain (*Oreochromis niloticus* L.) in re-circulatory and static systems. 55-62.
- Iqbal, Z., Khan, A.R. & Hossain, M. 2003. Growth and development of the lesser mealworm, *Alphitobius diaperinus* (Panzer) (Coleoptera: Tenebrionidae) on pulse flours. 63-70.



- Rabbi, M.F., Haque, N.M.M., Karim, A.N.M.R., Haq, M. & Rahman, M.A. 2003. Evaluation of indigenous botanicals against rice hispa. 71-80.
- Laz, R. 2003. Effects of vitamins on some economic traits of silkworm, *Bombyx mori* L. 81-86.
- Hasnat, H., Mondal, K.A.M.S.H. & Parween, S. 2003. Effect of dimilin and deltamethrin on development of *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). 87-91.
- Khan, A.R. & Saha, B.N. 2003. Effect of cypermethrin on the growth and development of the jute hairy caterpillar, *Spilarctia obliqua* (Walker). 93-97.
- Sikdar, B., Shafiullah, M., Zaman, R., Kabir, M.F. & Uddin, M.A. 2003. Effect of temperature and relative humidity on the rate of infestation of bitter gourd by fruit fly, *Bactrocera cucurbitae* (Coquillett) (Diptera: Tephritidae). 99-103.
- Ali, M.F., Alam, M., Salam, M.A., Rahman, M.M. & Rahmatullah, S.M. 2003. Abundance of benthic fauna of a post harvest rice field in Bangladesh Agricultural University campus, Mymensingh. 105-110.
- Ghosh, L. & Ali, M.R. 2003. Metabolic changes in mulberry (*Morus* sp.) leaves due to leaf blight disease and its impact on silkworm rearing. 111-116.
- Sharmin, S., Khatun, H. & Uddin, M.H. 2003. Endohelminth infections in *Xenentodon cancila* (Hamilton-Buchanan, 1822) (Belonidae) from Chandpur, Bangladesh. 117-123.
- Mia, M.Y., Rheman, S. & Alam, M.J. 2003. Comparative study of two feeds of mud crad, *Scylla serrata*. 125-130.
- Islam, M.N., Hossain, M.A. & Mannan, M.A. 2003. Tetrapodan diversity of Baluhar Baor area with their abundance. 131-136.
- Islam, M.N., Khatun, S. & Flowna, F.A. 2003. Food and feeding habit of *Setipinna phasa* (Hamilton) in relation to its spawning. 137-139 (*Scientific Note*).
- Asmat, G.S.M., Banu, Q., Islam, M.A., Ahsan, M.F. & Chakma, S. 2003. Amphibian fauna from Chittagong and Chittagong Hill-tracts, Bangladesh. 141-143 (*Scientific Note*).
- Volume 23 (2004)** Editorial Board: Prof. Dr. M. Altaf Hossain (Chairman), Prof. Md. Safinur Rahman (Executive Editor), Prof. Dr. Sawdagar Mahfuzar Rahman (Asso.Ed.), Prof. Dr. M.A. Salam, Prof. Dr. M. Nazrul Islam, Dr. Mohd. Mainul Haque, Dr. Aminuzzaman Md. Saleh Reza.
- Islam, M.N., Port, G.R. & McLachlan, A.J. 2004. Influence of food and temperature on growth performance and maturation of *Lymnaea peregra* (Muller) (Gastropoda: Pulmonata: Lymnaeidae) under laboratory conditions. 1-6.
- Saleem, M.A., Wilkins, R.M., Mantle, D., Nasreen, A. & Shakoori, A.R. 2004. *In vitro* effect of beta-cyfluthrin on proteases in insecticide-resistant and susceptible strains of *Tribolium castaneum* (Herbst) beetles. 7-12.
- Rahman, S.M., Haque, M.N., Siddique, M.N., Ara, H. & Ahsan, M.N. 2004. Proximate composition of six shrimp species in Bangladesh. 13-16.
- Shah, M.M.R. & Mia, M.Y. 2004. Comparative study on rice-fish and Taro (Panikachu)-fish culture under integrated farming system in Bangladesh. 17-21.
- Parween, S., Faruki, S.I. & Akther, R. 2004. Growth and development of *Alphitobius diaperinus* (Panzer) (Coleoptera: Tenebrionidae) developing from pupae irradiated with ultra-violet rays. 23-26.
- Haque, N.M.M., Haq, M., Karim, A.N.M.R. & Alam, M.Z. 2004. Nature and extent of damage by rice weevil, *Sitophilus oryzae* (L.) on different cereals. 27-30.
- Jewel, M.A.S. 2004. Improvement of water quality and reduction of noxious algae in an eutrophic lake in Bangladesh through renovation. 31-35.
- Mahfuz, I. & Ahsan, K. 2004. Stability of effective rate of rearing in silkworm, *Bombyx mori* L. due to effect of larval density in the rearing bed. 37-41.
- Nahar, N., Islam, W., Khalequzzaman, M. & Haque, M.M. 2004. Abundance of two-spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae) on bean. 43-48.
- Khalequzzaman, M., Mahfuz, I. & Khanam, L.A.M. 2004. Efficacy of yellow oleander (*Thevetia nerifolia* Juss) seed extract on the growth and development of *Tribolium castaneum* (Herbst). 49-52.
- Alom, M.N. & Zaman, M. 2004. Zooplankton of a large impoundment-Bagha dighi in Rajshahi, Bangladesh. 53-60.
- Alam, M.S., Hossain, M.A. & Islam, S. 2004. Effect of gamma radiation on the developmental stages of *Necrobia rufipes* (DeGeer) infesting stored dried fishes. 61-64.
- Islam, H., Farhana, K. & Islam, N. 2004. Screening of spices for biological activity against *Tribolium castaneum* (Herbst) adults. 65-68.
- Rahman, S.M., Ali, I.A. & Rashid, H.A. 2004. Inheritance of fecundity and fertility in silkworm, *Bombyx mori* L. from all possible crosses between a set of parental lines. 69-72.
- Haque, M.M. 2004. Control of *Calacarus quisqualis* Chakrabarti & Mondal (Acari: Eriophyoidea) with selective insecticides. 73-74 (*Scientific Note*).
- Islam, M.N., Hossain, M.A. & Mannan, M.A. 2004. Comparative studies between meterological and physico-chemical conditions of fish producing Boar (Oxbow Lake) Baluhar. 75-77 (*Scientific Note*).
- Rahman, A.S.M.S. & Akter, M.Y. 2004. Toxicity of chlorpyrifos and cypermethrin and their synergistic effect with PBO against the lesser mealworm *Alphitobius diaperinus* (Panzar). 79-81 (*Scientific Note*).



- Volume 24 (2005)** Editorial Board: Prof. Dr. M. Altaf Hossain (Chairman), Prof. Md. Safinur Rahman (Executive Editor), Prof. Dr. Sawdagar Mahfuzar Rahman (Associate Editor), Prof. Dr. M.A. Salam, Prof. Dr. M. Nazrul Islam, Dr. Mohd. Mainul Haque, Dr. Aminuzzaman Md. Saleh Reza.
- Sultana, S. & Parween, S. 2005. Methods of isolating natural spawn of the river Padma and the mortality rate at laboratory. 1-4.
- Faruki, S.I. 2005. Toxicity of malathion against two strains of the red flour beetle, *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). 5-9.
- Lateef, K.A., Hasan, M.R., Alam, M.S., Alam, M.T. & Babul, M.B.H. 2005. Effects of combination of low cost oil seed cakes as dietary protein source for *Labeo rohita* (Hamilton) fingerling. 11-16.
- Ara, M.I., Haque, M.A., Bari, M.N., Ahmed, N. & Islam, N. 2005. Development of rice meal moth, *Corcyra cephalonica* (Stainton) on different food media. 17-21.
- Islam, N. 2005. Biological screening of *Amoora rohituka* for bioactive principles. 23-25.
- Rahman, M.A. & Noor, Z. 2005. Frequency distribution of some common genetic traits and their inheritance at family levels in Rajshahi district. 27-30.
- Khanam, L.A.M., Khan, A.R., Khalequzzaman, M. & Rahman, S.M. 2005. Repellent effects of Makal, *Trichosanthes palmata* seed and leaf extracts against *Tribolium castaneum* (Herbst) and *Tribolium confusum* Duval. 31-34.
- Rahman, M.S. & Singha, G. 2005. Abundance, fecundity and morphometrics of freshwater crab, *Potamon* sp. of the Padma river. 35-38.
- Saha, A.K., Akhter, M.A., Haque, M.F., Salam, M.A., Rahman, M.A. Laz, R. 2005. A comparative account of the seasonal variation of circulating blood cells of toad, *Bufo melanostictus* and wall lizard, *Hemidactylus flaviviridis*. 39-42.
- Mahfuz, I. & Ahsan, K. 2005. Genotype X larval density interaction in the rearing bed expressed by larval and pupal weight in silkworm, *Bombyx mori* L. 43-47.
- Parween, S. & Reza, A.M.S. 2005. Effect of triflumuron on development of the female reproductive organs of *Tribolium castaneum* (Herbst). 49-53.
- Reza, A.M.S. & Rahman, S.M. 2005. Genetic parameters of some yield and yield contributing traits in silkworm, *Bombyx mori* L. 55-58.
- Naher, N. 2005. Chemical control of the two-spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae). 59-62.
- Sultana, S. & Islam, H. 2005. Goatary and utilization of Black Bengal Goat carasses. 63-64 (*Scientific Note*).
- Rahman, M.S., Hasan, A. & Rashid, H.A. 2005. Harmful effects of stem borer, *Indarbela quadrinotata* Walker in mulberry tree, *Morus alba* L. 65-67 (*Scientific Note*).
- Patoary, M.R. & Khan, M.A.R. 2005. Effect of different wholemeal flour-yeast combinations on the larval headcapsule width of the lesser mealworm, *Alphitobius diaperinus* (Panzer). 69-72 (*Scientific Note*).
- Volume 25 (2006)** Editorial Board: Prof. Dr. M. Altaf Hossain (Chairman), Prof. Md. Safinur Rahman (Executive Editor), Prof. Dr. M. Saiful Islam (Associate Editor), Prof. Dr. M. Mahbub Hasan, Prof. Dr. Ananda Kumar Saha, Dr. Md. Golam Mortuza.
- Ahsan, M.F. & Khan, M.A.R. Eco-ethology of the common langur *Semnopithecus entellus* (Dufresne) in Bangladesh. 3-10.
- Banu, P.A., Ali, I.A. & Salam, M.A. Effects of gamma radiation on the reproductive organs in the red flour beetle *Tribolium castaneum* (Herbst). 11-14.
- Hossain, S., Haque, M.M. & Naher, N. Control of two-spotted spider mite *Tetranychus urticae* Koch (Acari: Tetranychidae) by some selected chemicals. 15-18.
- Naher, N., Islam, T., Haque, M.M. & Parween, S. Effects of native plants and IGRs on the development of *Tetranychus urticae* Koch (Acari: Tetranychidae). 18-22.
- Khanum, H., Khan, H.R. & Farhana, R. Infestation of ectoparasites in *Gudusia chapra* (Hamilton). 23-25.
- Khanam, L.A. M., Talukder, D. & Hye, M.A. Toxic and repellent action of sugarcane bagasse-based lignin against some stored grain insect pests. 27-30.
- Zaman, T., Jewel, M.A.S. & Bhuiyan, A.S. Present status of pond fishery resources and livelihood of the fish farmers at Mohanpur Upazila in Rajshahi District. 31-35.
- Khalequzzaman, M., Mahdi, S.H.A. & Rahman, M.M. Effect of the traditional parched rice husk incubation techniques on the hatchability of duck eggs. 37-40.
- Chowdhury, A.H. & Mamun, A.A. Physio-chemical conditions and plankton population of two fishponds in Khulna. 41-44.
- Khalequzzaman, M. & Khanom, M. Effects of cyper-methrin alone and in combination with leaf and seed extracts of neem against adult *Tribolium castaneum* (Herbst). 45-49.
- Das, D.R., Parween, S. & Faruki, S.I. Efficacy of commercial neem-based insecticide, Nimbicidine® against eggs of the red flour beetle *Tribolium castaneum* (Herbst). 51-55.
- Laz, R., Gani, A. & Reza, A.M.S. Effects of methionine and tryptophan on some economic characters in the mulberry silkworm *Bombyx mori* L. 57-62.



Rahman, A.S.M.S. & Akter, M.Y. Toxicity of diazinon and cypermethrin against the American cockroach, *Periplaneta americana* (L.). 63-64 (*Scientific Note*).

Musa, A.S.M. & Bhuiyan, A.S. Determination of sexual dimorphism in *Mystus bleekeri* (Day). 65-66 (*Scientific Note*).

Mortuza, M.G. & Hossain, M.A. The fisheries resources management of the greater Rajshahi District, Bangladesh. 67-68 (*Scientific Note*).

Joadder, M.A.R. Food and feeding habits of *Gagata youssoufi* (Rahman) from the river Padma in Rajshahi. 69-71 (*Scientific Note*).

Khalequzzaman, M. Editorial Boards, Contents and Appendices. 73-86.

Mannan, M.A., Khalequzzaman, M. & Islam M.S. Flies as the indicator for formalin untreated raw food materials: A contrary approach in sanitary entomology. 87 (*Commentary*).

Appendix

Volume 7 (1988)

Khalequzzaman, M. Prof. Mustafizur Rahman: Dedication and obituary. i-ii.

Volume 17 & 18 (1998-99)

Islam. M.S., Salam, M.A., Rahman, S.M., Mannan, M.A., Ali, M.S. & Hasan, M.M. In retrospect: Professor M. Altaf Hossain: A man with vision, and mentor of the trail blazers (Appendix-I: This biography was published on the occasion of Prof. Hossain's retirement on 31 December, 1996) i-v.

Selman B.J. Newcastle-Rajshahi University Academic Link Programme (Appendix-ii: Welcome message received on the eve of celebrating the Silver Jubilee of the Department of Zoology, Rajshahi University) vii-viii.

Volume 22 (2003)

----- List of Reviewers for this issue (from abroad; from home) i-iii; iv.

PS: Each volume contains info on Instructions for authors and subscription, Cover design and photo credits; Printer and publisher lines, Acknowledgements of financial assistance, and Publication date line.