



Professor Hamida Khanum Ph. D

Department of Zoology. University of Dhaka.

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CAREER OBJECTIVES:

Motivating and talented Zoology professor driven to inspire students, to pursue academic and personal excellence. Consistently strive to create a challenging and engaging learning environment in which students become lifelong scholars and learners. Exceptional track record of research success with multiple published books and research articles.

EDUCATION:

- 1995 -** Obtained **Ph. D.** in Zoology (Fish Parasitology), University of Dhaka. The title of the dissertation “**Endoparasitic helminth infestation in *Ompok bimaculatus* (Bloch 1794) and *O. pabda* (Hamilton- Buchanan 1822) in relation to some of their biological, pathological and biochemical aspects).**
- 1974 -** **M. Sc.** in Zoology, Specialization in **Parasitology**, Department of Zoology, University of Dhaka. Thesis submitted on: "Studies on helminth parasites of domestic fowl of Dhaka city"
- 1973 -** **B. Sc.** Honours. in Zoology, Department of Zoology, University of Dhaka,

TEACHING EXPERIENCE:

(1975- Continuing) working as Professor, Head of Parasitology Branch, Department of Zoology, University of Dhaka.

Teaching B. Sc.; M. Sc., M. Phil. And Ph. D. level classes: Basic Zoology, Advance Parasitology, Immunology, Biochemistry, Parasite Physiology, Parasite Ecology, Life-cycle Biology, Veterinary and Medical Biology, Public health, Molecular Parasitology, Molecular Parasitology, Phylogeny of Parasites, etc. Completed many Training Courses on "Parasitic Diseases in Bangladesh and abroad (London, Singapore, Thailand, India).

As Supervisor of M S., M. Phil. and Ph.D. Courses: More than 150 M S., 12 M. Phil students have been Awarded, 7 Ph. D. students have already been awarded including a physician, and at present, 9 Ph. D. students are working and will submit their thesis within 2017. Three physicians are also working as Ph. D. candidates. Furthermore

1. **1990** Taken Initiatives as pioneer and major efforts were given for the **establishment of the PARASITOLOGY BRANCH** in The Department of Zoology, Dhaka University.
2. **2008.** As '**Visiting Professor**' in National Institute of Preventive and Social Medicine (NIPSOM), for the post- graduate courses leading to MPH and M. Phil degree.
3. **2013** **Guest Lecturer** Department of Zoology, Kalyani University, Kalyani, W.B. Presented papers as Guest Lecturer.
4. **2011** **Guest Lecturer** Deptt. of Zoology, Kalyani University, Kalyani, W.B.
5. **2014.** **Guest Lecturer,** Babashaheb Bhimrao Ambedkar University , Lucknow
6. **2015.** **Guest Lecturer,** Babashaheb Bhimrao Ambedkar University , Lucknow
7. **2016.** **Guest Lecturer,** On the Occasion of the International Conference on **ENVIRONMENTAL PROTECTION AND SUSTAINABILITY** , Chennai, India.

8. 2017. Attended as Guest Lecturer, 29 All India Congress of Zoology th(29 AICZ) & International Satellite Symposium on Fish Immunology International Symposium on Culture Based Fisheries in Inland Open Waters June 9-11, 2017, in collaboration with Zoological Society of India.

AWARDS AND ACHIEVEMENTS:

- 1973 - B. Sc. Honours. in Zoology**, Department of Zoology, University of Dhaka. Stood First, Class - First; Awarded by University of Dhaka, Dhaka.
- 1974 - M. Sc. in Zoology, Specialization in Parasitology**, Department of Zoology, University of Dhaka. Thesis submitted on: "**Studies on helminth parasites of domestic fowl of Dhaka city**"
- 1975 - Joined as Lecturer in the Department of Zoology, University of Dhaka, Dhaka.**
- 1975-1978 - Worked **as lecturer**, Department of Zoology, University of Dhaka, Dhaka 1000.
- 1987-1994- As **Assistant Professor**, Department of Zoology, University of Dhaka, Dhaka 1000.
- 1994-1999- As **Associate Professor**, Department of Zoology, University of Dhaka, Dhaka 1000.
- 1999-2016 - Presently, working as **Professor, Parasitology** Branch, Department of Zoology, University of Dhaka, Dhaka 1000.
- 1990 - Training on "Parasitic Diseases: Advance Laboratory Diagnosis";** in London School of Hygiene and Tropical Medicine, University of London, London, U. K.
1992. Attended and **presented two papers on Fish Parasite in Asian Fisheries Forum, 1992, held in World Trade Hall, Singapore.**
1995. Attended and Presented two papers on Fish Parasites, in The Conference of IX th All India Congress of Zoology, 1995, held in The University of Burdwan, West Bengal, India.

- 1995 -** Awarded **Ph. D. in Zoology** (Parasitology), University of Dhaka. The title of the dissertation “**Endoparasitic helminth infestation in *Ompok bimaculatus* (Bloch1794) and *O. pabda* (Hamilton- Buchanan 1822) in relation to some of the biological, pathological and biochemical aspects).**
- 1995 -** The Zoological Society of India honoured by awarding a **GOLD MEDAL** for the outstanding and valuable contribution in Parasitology, Zoology, in the occasion of **Conference of IXth All India Congress of Zoology, 1995, Organized by Zoological Society of India, held in University of Bardwan, West Bengal, India.**
- 2014.** The Indian Academy of Environmental Sciences honored by awarding **GOLD MEDAL** for sustained contributions to the subject of Zoology in general and cause of Environment with special reference to the discipline of Parasitology in particular, on the occasion of International Symposium on” Biodiversity: Status, Utilization and Impact of Challenging Climate Conditions”Organized by the Deptt. of Applied Animal Sciences, Babashaheb Bhimrao Ambedkar University , Lucknow In Collaboration with Indian Academy of Environmental Sciences, Haridwar, Uttarkhand during 30-31 October, 2014.
- 2015.** **FELICITATION AWARD** on 26TH All India Congress of Zoology and International Symposium on Innovation in Animal Sciences for Food Security, Health Security and Livelihood- 2015. *Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh, India.*
- 2015.** **Presented paper on** 3rd International Scientific conference on Advances in Applied Sciences and Environmental Engineering ASEE’15. 11-12 April, 2015, Kuala Lumpur, Malaysia:
2015. United Movement for Human Rights awarded **HUMAN RIGHTS PEACE MEDAL** for outstanding contribution as social worker in Dhaka Zilla.
2015. World’s Media and Surer Badhon Cultural Organization jointly **AWARDED POET KAZI NAJRUL ISLAM MEDAL** for outstanding contribution in the welfare

of the disabled in the society.

2016. **Awarded DR. SALGARE GOLD MEDAL of IAES, HARIDWAR, India,** On the Occasion of the International Conference on **ENVIRONMENTAL PROTECTION AND SUSTAINABILITY** , by Indian Academy of Environmental Sciences, Haridwar (31st December, 2016-01.01.2017), In recognition of valuable contribution to the cause of Environment in general and discipline of Zoology with special reference to PARASITOLOGY in particular.
2017. Awarded **PROF. S. P. GUPTA MEDAL** by **Zoological Society of India** for Outstanding Research and Academic Contribution in the field of PARASITOLOGY , 9th June, Barrackpore, Kolkata, W B. On the occasion of 29 All India Congress of Zoology (29 AICZ) & International Satellite Symposium on Fish Immunology International Symposium on Culture Based Fisheries in Inland Open Waters June 9-11 2017.
2018. Awarded International KMTI Excellence Award- 2018, in the field of Education and Social work, held on 18th Dec. 2018, Jadavpur University, Kolkata, India.
- 2018-2020. member of editorial board for 2018-2020 in ***National Journal of Life Science.***
- 2019, Awarded International Moitry Award, held on 15th April at Kolkata. Achieved “Bangladesh-Nepal International Friendship Award 2019” held on 31th August, 2019, at CW Party Place, Kamaladi, Kathmandu, Nepal).
2019. **Awarded “ Life Time Achievement Award 2019” by Zoological Society of Bangladesh, Department of Zoology, University of Dhaka on 7th December, 2019.**
2020. Awarded **“ Manobotar Duth Life Time Achievement Award, 2020”** by United Movement For Human Rights on 24.12.2020.

EXPERIENCES AS A TRAINER:

1. Under **WORLD BANK** Through University Grants Commission of Bangladesh: **Improvement of Teaching-learning** at undergraduate and Master's level.
Working as Deputy Sub-project Manager (DSPM). 2014-2016 Under HEQEP project of UGC and World Bank.
2. As **Teacher Trainer Bangladesh Nutrition Council**, Mohakhali, Dhaka. Bangladesh. (1999).
3. Worked as **Teaching Personnel in Post Graduate Training Courses** on Fish Ecology, Fish Pathology and Parasitology, jointly organized by Department of Zoology, University of Dhaka, and Institute of Marine Biology, **University of Burgen, Norway. (1997)**.
4. Worked as **Training Course Organizer and Teaching Personnel** in Post Graduate Training Courses on Parasitology, jointly organized by The Department of Zoology, **University of Dhaka and University of Burgen, Norway. (1996)**.

EXPERIENCES AS PROJECT DIRECTOR/INVESTIGATOR:

1. “Impact of wastewater, flood runoff water and manure of Eco-san toilets on Public health: In-vitro Thermal Annihilation of Pathogens (Bacteria And Parasites) considering Bio-risk” . Special allocation under **Ministry of Science and Technology, Bangladesh. 2015-2016**.
2. Risk factors and prevalence of visceral leishmaniasis and associated disorders in endemic and non-endemic areas. Faculty of Biological Sciences, University of Dhaka, Dhaka 1000.
3. Identification of amoebiasis and giardiasis among the diabetic and non-diabetic people in Bangladesh. 2012-2013. Special allocation under Ministry of Science and Technology, Bangladesh.
4. A baseline investigation on Rabies in Bangladesh. (Communicable Disease Control Bangladesh, Directorate general of Health services, **Ministry of Health**

and Family welfare, Bangladesh) 2011.

5. An investigation to compare knowledge, attitude and practices (KAP) about kala-azar in Bangladesh between endemic areas covered by Government intervention vs. areas where intervention are yet to commence. (Communicable Disease Control Bangladesh, Directorate general of Health services, **Ministry of Health and Family welfare, Bangladesh) 2010-2011.**
6. Recent Advances in Technologies and their applications for Diagnosis, Treatment, prevention and control of vector borne diseases (KALA-AZAR, FILARIASIS AND MALARIA) in endemic areas of Bangladesh. (2009-2010-2011). Under - Communicable Disease Control Bangladesh, Directorate General of Health services, **Ministry of Health and Family welfare, Bangladesh)**
7. Study on knowledge, attitude and practices among the inhabitants and professionals of selected and (intervention) endemic areas for Malaria. (Communicable Disease Control Bangladesh, Directorate general of Health services, **Ministry of Health and Family Welfare, Bangladesh). 2010.**
8. Prevalence and risk factors for the neglected disease filariasis in epidemic prone areas of Bangladesh and its vector predation by efficient zoological safe measures (2007 – 2008)
9. Nutritional epidemiology: Parasitic diseases, anaemia and effect of deworming therapy along with iron and vitamin A supplementation among the slum children of Dhaka city. (2003 -2004)
10. “Nutritional Epidemiology: In relation to the parasitic diseases, Anemia and Effect of Iron supplementation among the children of slum areas of Dhaka city” (2002-2003)
11. Prevalence of intestinal infections: anaemia and nutritional status among the adolescent girls in community of Bangladesh. (2000-2001).

Under - Bangladesh University Grant Commission

12. Persistence of PKDL Cases: A Threat for Elimination of Kala-azar from Bangladesh. 2015 – 2016.
13. Occurrence, diagnosis and associated risk factors of parasitic diseases among the slum children in Dhaka city. 2015 -2016.
14. The detection and molecular study of *Blastocystis hominis* among the infants of Dhaka, Bangladesh, 2013-2014.
15. Parasitic diversity and their effects on histological and biochemical components of *Wallago attu* (Bloch-Schneider, 1801) and *Rita rita* (Hamilton-Buchanan, 1822) 2013.
16. Occurrence of helminth parasites and their developmental stages in snail from different regions of Bangladesh. (2012- 2013).
17. Identification of risk factors for elephantiasis and hydrocoel in endemic prone areas of Bangladesh. (2010-2011).

ASSOCIATIONS:

1. Association of British Council Scholars, **Life Member**.
2. Asian Fisheries Society, **Life Member**.
3. Member, British Museum, London, **Member**.
4. Zoological Society of India, **Fellow Member**.
5. Indian Academy of Environmental Science. **Life Member**.
6. Transaction of Zoological Society of India. **Corresponding Member**.
7. Bangladesh Society for Parasitology, **Life Member**. Vice-President, Executive Committee, 1995-2014.
8. Society for Education of the Intellectually Disabled, Bangladesh. **President**.
9. Center for Advance Studies and Research in Biological Science, University of Dhaka. **Member**.

10. **Advisor**, Board of Studies, University of Agricultural, Bangladesh.
11. Zoological Society of Bangladesh, **Life Member, FellowMember.**
12. Women Scientist Association, Bangladesh. **Life Member.**
13. The Society for The Welfare of The Intellectually Disabled, Bangladesh, (SWID), **Life member,**
14. **Ex- President**, Dhanmondi Branch. SWID, Bangladesh.
15. Ex- **Vice-President**, National Executive Council, SWID, Bangladesh.
16. Women In Science and Technology in Asian Region (WISTAR), **Life Member.**
17. Society for Health Promotion Link, **Board Member.**
18. President, Society for Education of the Intellectually Disabled, Bangladesh. **LIFE Member.**
19. Environment, Research and People's Development Alternatives, **Chairman.**
20. Bangladesh Anti-Rabies Alliance (BARA). **Executive Member.**
21. Forum for Combating Neglected Tropical Diseases (ENTD), Bangladesh. **Executive Member.**
22. Society for People's Action on Change and Equity (SPACE), **President.**
25. Pest Control Technology Advisory Committee (PTAC) Ministry of Agriculture Expansion, Govt. of Bangladesh. **Member.**
26. Nightingale Medical College and Hospital, Asulia, Dhaka. **Governing Board member.**

DEVELOPMENT ACTIVITIES IN THE DEPARTMENT OF ZOOLOGY, DU

1. Devoted and taken Initiatives and major efforts were given for the establishment and starting the PARASITOLOGY BRANCH in the department.
2. Preparation of syllabus for Ph. D., M. Phil., M.S., B.S. 4th year (specialization in Parasitology).
3. Physical and facilities development of Parasitological and other laboratories in the department.
4. Organize the MS student's team for participation and to attend the conferences abroad (India, Malaysia).

5. Conduct and organize the various academic, local educational field trip and cultural programs in the department.
6. Student counselling and conducted various Extracurricular and academic occasions as Student Advisor (2008-2011).
7. Organizing Cultural and recreational program (2000-2015) in the Department of Zoology, DU.

LIST, YEAR OF COMPLETION AND TITLE OF THE Ph. d. THESESES UNDER MY SUPERVISION

1. **PREVALENCE OF VISCERAL LEISHMANIASIS, MALARIA AND FILARIA IN SOME SELECTED AREAS OF BANGLADESH AND IMPACT OF DELTAMETHRIN IMPREGNATED BED NETS ON TRANSMISSION OF THE DISEASES Ph. D. 2000**
2. **ASSOCIATION OF INTESTINAL PARASITOSIS WITH ANAEMIA AND NUTRITIONAL STATUS AMONG THE ADOLESCENT GIRLS OF BANGLADESH Ph. d. 2011**
3. **PARASITIC INFESTATION OF *MYSTUS AOR* (HAMILTON) AND *MYSTUS BLEEKERI* (DAY) IN RELATION TO SOME BIOLOGICAL, HISTOPATHOLOGICAL AND BICHEMICAL ANALYSES Ph. D. 2009**
4. **INFESTATION IN *CLARIAS BATRACHUS* (LINNAEUS) AND *CLARIAS GARIEPINUS* (BURCHELL) IN RELATION TO THEIR BIOLOGICAL, HISTOPATHOLOGICAL ASPECTS AND BIOCHEMICAL ASPECTS Ph. D. 2011**
5. **EPIDEMIOLOGY OF MALARIA IN BANGLADESH: DETECTION AND IDENTIFICATION OF GENETIC AND MOLECULAR VARIATION IN *PLASMODIUM FALCIPARUM* PH. D. 2015**
5. **PREVALENCE OF *ENTAMOEBAS HISTOLYTICA* AND *GIARDIA LAMBLIA* INFECTION AMONG DIABETIC AND NON DIABETIC PATIENTS OF BANGLADESH Ph. D. 2016**
6. **PARASITE DIVERSITY AND THEIR EFFECTS ON HISTOLOGICAL AND BIOCHEMICAL COMPONENTS OF *WALLAGO ATTU* (BLOCH-SCHNEIDER,**

- 1801) AND *RITA RITA* (HAMILTON-BUCHANAN, 1822) Ph. D. 2017.
7. ENDOPARASITIC INFESTATION IN RHESUS MACAQUES (*MACACA MULATTA*) IN RELATION TO ITS FEEDING AND SOCIAL BEHAVIOR Ph. D. 2017 .
 8. OCCURRENCE OF HELMINTH PARASITES AND THEIR DEVELOPMENTAL STAGES IN SNAILS FROM DIFFERENT REGIONS OF BANGLADESH Ph D. 2017
 9. SOME EPIDEMIOLOGICAL ASPECTS OF LYMPHATIC FILARIASIS AND ITS PREVENTION BY USING SOME FISH PREDATORS PH D. 2017
 10. OCCURRENCE OF COMMUNICABLE DISEASES AND THEIR RISK FACTORS AMONG THE FEMALE INHABITANTS OF LOWER SOCIOECONOMIC GROUPS IN DHAKA CITY Ph. D. 2018
 11. THE DETECTION AND MOLECULAR STUDY OF *BLASTOCYSTIS HOMINIS* AMONG THE INFANTS OF DHAKA, BANGLADESH Ph. D. 2018
 14. PERSISTENCE OF PKDL CASES: A THREAT FOR ELIMINATION OF KALA-AZAR FROM BANGLADESH. 2015 – 2017.
 15. IMPACT OF WASTEWATER, FLOOD RUNOFF WATER AND MANURE OF ECO-SAN TOILETS ON PUBLIC HEALTH: IN-VITRO THERMAL ANNIHILATION OF PATHOGENS (BACTERIA AND PARASITES) CONSIDERING BIO-RISK”
 16. PARASITE COMMUNITY OF *POLYNEMUS PARADISEUS* (LINNAEUS, 1758) AND *XENENTODON CANCELA* (HAMILTON, 1822): BIOLOGICAL, HISTOPATHOLOGICAL AND BIOCHEMICAL ANALYSES IN RELATION TO THEIR FEEDING HABITS Ph. D. 2017
 17. AN EPIDEMIOLOGICAL STUDY ON THE MALARIA AMONG ROHINGYA REFUGEES RESIDING ON THE SOUTH-EAST BORDER AREA OF BANGLADESH Ph. D 2017

18. COMPARISON OF ABSORPTION RATES OF WATER AND ELECTROLYTES FROM STANDARD ORS (S-ORS), HYDROLYZED STARCH ORS (HS-ORS) AND HYDROLYZED STARCH WITH LIPOSOMAL SALTS ORS (LIPO-ORS) IN RAT SMALL INTESTINE

19. INFECTION OF PROTOZOAN AND HELMINTH PARASITES AMONG THE OUT PATIENTS OF DHAKA MEDICAL COLLEGE HOSPITAL WITH GASTROINTESTINAL DISORDERS
2010 M Phil.

20. HISTOPATHOLOGICAL STUDIES ON EPIZOOTIC ULCERATIVE SYNDROME IN SOME FISHES FROM DEMRA, DHAKA

21. OCCURRENCE OF HELMINTH PARASITES AND THEIR DEVELOPMENTAL STAGES IN SNAILS FROM DIFFERENT REGIONS OF BANGLADESH

22. EPIDEMIOLOGY OF MALARIA AMONG THE ROHINGYA REFUGEES IN COX'S BAZAR OF BANGLADESH

23. MANAGEMENT OF LYMPHATIC FILARIASIS AND IMPACT ON MORBIDITY CONTROL IN ENDEMIC DISTRICTS UNDER RAJSHAHI DIVISION

24. PERSISTENCE OF PKDL CASES: A THREAT FOR ELIMINATION OF KALA-AZAR FROM BANGLADESH

25. STATUS OF MALARIA IN NON-ENDEMIC AREAS OF BANGLADESH

26.

And some more -----

LIST OF THE RESEARCH PUBLICATIONS AND BOOK:

1. Latifa, G. A., Khanum, H. and Omar, K. 1986. Ontogenic development, survivability and mortality rates of *Stenocypris malcolmsonii* (Brady). *Journal of Asiatic Society of Bangladesh*. XII (1&2): 1-4.
2. Sufi, G. B., Begum, S. and Khanum, H. 1986. Effects of quality fish feed on the growth of *Oreochromis nilotica*. *Dhaka University Studies. E*. 1(2): 153-156.
3. Zaman, Z., Leong, T. S. and Khanum, H. 1986. Effects of lengths (=age) of *Clarias* on the abundance of parasites. *Bangladesh J of Zool*. 14(2):171- 177.
4. Khanum, H. 1987. Gastrointestinal nematodes from domestic fowl. *Bangladesh J of Zool*.

- 5(2): 155-159.
5. Chawdhury, A. N., Khanum, H. and Begum, S. 1987. *Isoparorchis hypselobagri* (Billet, 1898): its abundance and intensity of infestation in the hosts *Mystus vittatus*, *M. tengara* and *M. cavacius*. *Journal of Aquaculture* 8(1): 37-45.
 6. Latifa, G. A., Khanum, H. and Hossain, A. B. 1988. Size frequency distribution, fecundity and food analysis of *Macrobrachium mirabilis* (Kemp). *Journal of Asiatic Society of Bangladesh*. XV (1): 83-89.
 7. Khanum, H., Chawdhury, A., Latifa, G.A. and Nahar, N. 1989. Observation on helminth infestation in relation to seasons and body lengths of *Xenentodon cancila*. *Journal of Asiatic Society of Bangladesh*. XV(1): 37- 42.
 8. Latifa, G. A., Khanum, H. and Hussain, A. B. 1989. Studies on some aspects of biology of *Macrobrachium mirabilis* (Kemp). *Journal of Asiatic Society of Bangladesh*. XIV (1): 49-55.
 9. Latifa, G.A., Khanum, H. and Begum, N. A. 1989. Some aspects of *Macrobrachium lamerrei* from river Titas. *Journal of Asiatic Society of Bangladesh*. XV(1): 173-179.
 10. Khanum, H., Sufi, G.B. and Nahar, N. 1990. Studies on food items and helminth infestation in *Xenentodon cancila*. *Bangladesh Journal of Scientific Research* 8(2): 173- 179.
 11. Chawdhury, A.N., Khanum, H. and Iqbal, K. 1991. Effect of soil conditions on the abundance of benthic micro- invertebrates. *Journal of Asiatic Society of Bangladesh*. 17(2): 155-161.
 - 12-14. Zaman. Z. and Khanum, H. 1991. Parasites of Catfish, Genus *Clarias*. Dhaka, Bangladesh. S. Borhanuddin publisher, Dhaka. pp. 65. (Book)
 15. Khanum, H., Zaman, Z. and Begum, N. 1992. Metazoan parasites of *Heteropneustes fossilis*. *Bangladesh J of Zool*. 20(1): 103-112.
 16. Khanum, H., Zaman, Z. and Begum, T. 1992. Occurrence of *Procamallanus fossilis* (Bloch) from *Heteropneustes fossilis* (Bloch) of Savar area. *Bangladesh Journal of Scientific Research*. 10(2): 165-170.
 17. Khanum, H., Begum, N. 1992. Studies on size-frequency of *Heteropneustes fossilis* (Bloch) and co-relations of sizes with the rate of helminth infection. *Bangladesh J of Zool*. 20(2): 305-313.
 18. Islam, A.B., Ahmed, A. T. A. and Khanum, H. 1995. Endoparasitic helminths of rats and mice from Tangail area, Bangladesh. *Bangladesh Journal of Scientific Research*. 13(1): 75- 80.
 19. Islam, A.B., Ahmed, A.T.A. and Khanum, H. 1996. Endoparasitic helminths in *Rattus rattus* Linnaeus and *Bandicota bengalensis* Gray. *Journal of The Asiatic Society of Bangladesh. Sci.* 22(2): 189-194.
 20. Khanum, H., Ahmed, A.T.A. and Zaman, Z. 1996. Endoparasite community of two species of genus *Ompok* Lacepede. *Journal of Bengal Natural History Society. New Series*. Vol. 15(2): 32-36. International
 21. Khanum, H. and Parveen, S. 1997. Organal distribution and seasonal prevalence of endoparasites of *Macrobrachium aculeatus* Smyth 1947 and *Mastacembelus armatus* Day 1878 *Bangladesh J. of Zool.* Vol. 25 (1):15 -21.
 22. Khanum, H. 1997. Trematode parasite *Parymphiostomum humairum* n. sp. species from domestic fowl of Bangladesh. *Journal of Bengal Natural History Society. New Series*. Vol. 16: No. 2. 35-39. International
 23. Khanum, H., Ahmed, A.T.A. and Zaman, Z. 1997. Organal distribution and "Index of Similarity" of parasite community in *Ompok bimaculatus* (Bloch) and *Ompok pabda* (Hamilton-Buchanan). *Transaction of The Zoological Society of India*. 1(2): 141-144. International.

24. Khanum, H., Dhar, T. and Islam, N. 1998. Prevalence of *Ascaris lumbricoides* and *Trichura trichuris* among the children of four slum areas of Dhaka city. *University J. of Zoology, Rajshahi University*. Vol.16(June:89-94.
25. Latifa, G. A., Begum, S. and Khanum, H. 2001. Piscicidal property of the fresh barks of *Azadirachta indica* (A. juss) on *Channa punctatus* (Bloch). *Trans. Zool. Soc. Eastern India*. 5(2). 34-36. International.
26. Khanum, H. and Ahmed, Z. 1997. Comparative study of helminth faune and rate of infestation in domestic fowl and reared white leghorn. *J. of Sci. Res.* 15(2):187-191.
27. Paul, S., Ahmed, A.T.A. Khanum, H. and Chawdhury, S. 1999. The prevalence of two species of hookworms, *Ancylostoma duodenale* (Dubini, 1938) and *Necator americanus* (Stiles, 1902) among the children of three rural areas of Bangladesh. *Rajshahi University J.of Zool.*17(1)56-61.
28. Zaman, Z., Khanum, H. and Islam, F. 1997. Infestation of acanthocephala in *Nandus nandus* (Hamilton-Buchanan) from Dhaka. *Journal of Scientific Research*. 15(2): 213-218.
29. Khanum, H., Chawdhury, S. and Sultana, S. 1998. Prevalence of *Giardia intestinalis* among the children of rural area of Bangladesh. *Bang. J. of Zool.* 26(2): 85-89.
30. Khanum, H., Chawdhury, S. and Bhuiyan, Z.J. 1999. Infestation of three intestinal worms in children of three selected areas, Bangladesh. *Pakistan J. of Zool.* 31(4): 391-396. International.
31. Khanum, H., Islam, N. and Nahar, N. 1999. Infestation of intestinal nematodes among the children in the residence of lower income group employees of Dhaka city. *Bang. J.of Zool.* 27(2): 177-184.
32. Khanum, H., Haq, R. and Amin, K. B. 2000. Prevalence of *Entamoeba histolytica* in patients and serodiagnosis of invasive amoebiasis. *Bangladesh J. Zool.* 28(1): 63-68.
33. Khanum, H., Huq, R. and Zannat, R. 2000. Prevalence of *Giardia lamblia* infection in asymptomatic rural children in Mirzapur, Bangladesh. *University Journal of Zoology, University of Rajshahi*. 19:79-82
34. Khanum, H. and Zaman, F.A. 2000. Metazoan parasite infestation in *Wallago attu* (Bloch and Schneider, 1801). *Bangladesh J. of Zool.* 28(2):153-158.
35. Khanum, H., Begum, S. and Sultana, S. 2001. Comparative study on endoparasitic infestation in *Clarias batrachus* L and *Clarias lazera* Burchell. *Bangladesh J. Zool.* 29(1): 57-62.
36. Khanum, H., Musa, S., Arefin and Ferdousi, Z. 2000. Observation on the prevalence of geohelminth ova in the green leaves/vegetables from different markets of Dhaka city. *Bangladesh J. of Nutrition*. 13. 44-48.
37. Khanum, H. and Zaman, F.A. 2000. Metazoan parasite infestation in accordance with the length and sexes of *Wallago attu* (Bloch and Schneider, 1801). *Bangladesh J. of Zool.* 28(2):153-158.
38. Khanum, H. and Zaman, F. A. 2002. Histopathological effect of *Isoparorchis hypselobagri* in *Wallago attu* (Bloch and Schneider, 1801). *Bangladesh J. Zool.* 30(1):65-69.
39. Khanum, H., Chawdhury, S. and Sultana, S. 1998. Prevalence of *Giardia intestinalis* among the children of rural area of Bangladesh. *Bang. J. of Zool.* 26(2): 85-89.
40. Khanum, H. and Musa, S. 1999. Relationship between hygienic environment and prevalence of post kala-azar dermal leishmaniasis in two kala-azar endemic areas of Bangladesh. *Bangladesh J. Life sci.* 11(1&2): 151-157.
41. Akhter, S., Chowdhury, S., Khanum, H. and Hossain, M. 1999. Effect of flood on sandfly density and prevalence of visceral leishmaniasis in a kala-azar endemic village of Bangladesh. *JOPSOM*. 18(2): 32-39.
43. Khanum, H., Chawdhury, S. and Sultana, S. 1998. Prevalence of *Giardia intestinalis* and

- Entamoeba histolytica* among the children of rural areas of Bangladesh. *Bangladesh Journal of Zool.* 28(1): 28-34.
44. Akhter, s., Nehar, A., Khanum, H. and Chowdhury, S. 2000. An entomological surveillance for vectors in a malaria endemic area of Bangladesh. *JOPSOM.* 19(2): 32-39.
 45. Akhter, S., Khanum, H., Islam, N., Nahar, A. and Chowdhury, S. 2000. Assesment of effectiveness of different drug regimeen according to the nature of malaria cases in some selected areas of Bangladesh. *JOPSOM.* 19(1): 86-92.
 46. Akhter, S., Khanum, H. and Chowdhury, S. 2001. Impact of Deltamethrin impregnated bed nets on malaria transmission in some rural areas of Bangladesh. *JOPSOM.* 20(1): 33-42.
 47. Khanum, H. Huq, R. and Paul, S. 2000. Hookworm infection as influenced by hygienic and socioeconomic conditions in some rural areas of Bangladesh. *Univ. J. Zool. Of Rajshahi Univ.* 19: 83-86.
 48. Khanum, H. and Arefin, N. 2002. Helminth burden in laboratory mice *Mus musculus* (the swiss albino mice). *Bangladesh J. of Zool.*31 (1): 117-124.
 49. Khanum, H. and Musa, S. 2002. Impact of educational and socio-economic aspects on the prevalence of post kala-azar dermal leishmaniasis (PKDL) in two endemic areas of Bangladesh. *Dhaka University J. Biol. Sci.*11(1):25 -30.
 50. Khanum, H., Chawdhury, S. and Sen, A. 2001. Comparative efficacy of Albendazole, Mebendazole and neem leaf extract in the treatment against human intestinal helminth. *Trans. Zool. Soc. East. India.* 5(1): 65-69.International.
 51. Khanum, H. and Nahar, S. J. 2002. Occurrence of *Escherichia coli* children. *JOPSOM.* 20(2-4): 44-50.
 52. Alam, M. S., Khanum, H. and Nessa, Z. 2002. Rat pinworm *Syphacia muris* Yamaguti, 1941, from laboratory rat, *Bangladesh Jour. of Zool. Rajshahi University.*21: 32-38.
 53. Khanum, H., Begum, S. and Sultana, S. 2002. Comparative study of endoparasitic infestation in *Clarias batrachus* (L) and *Clarias gariepinus* (Burchell). *Bangladesh J. of Zool.* 30(2): 176-172.
 54. Ahmed, S., Khanum, H. and Sarker, N. J. 2003. Helminth infection in three species of deer in captivity. *Bangladesh J. of Zool.* 31(1):125-130.
 55. Khanum, H. and Farhana, R. 2002. Histopathological effects of a tramatode *Isoparorchis hypselobagri* (Billet) in *Wallago attu* Bloch and Schneider. *Bangladesh J. of Zool.* 30(1): 65-70.
 56. Khanum H. and Arefin, N. 2003. Helminth burden in laboratory mice, *Mus musculus.* *Bangladesh J. Zool.* 117-124.
 57. Akhtar, M., Khanum, H. and Bangali, M. 2004. Malaria incidence in a high risk border belt village of Haluaghat thana in Mymenshingh districtof Bangladesh. *Bangladesh J. Zool.* 32(1): 63-68.
 58. Faruqui, R., Khanum, H. and Rahman, H. 2004. Experiment on caecal-innoculation of *Entamoeba hystolytica* in the swiss albino mice. *Bangladesh J.Of Zool.* 32(2):113-120.
 59. Khanum, H., Masum, M. A. and Kabir, R. 2004. Serodiagnosis of visceral leishmaniasis cases by using Coomassie Brilliant Blue-stained *Laeishmania donovani* promastigote as antigen. *Journal of Biol. Sci.* 13(1): 66-71.
 60. Alam, M. S., Khanum, H. and Nessa, Z. 2003. Helminth infection in laboratory rat strain, long-evans (*Rattus norvegicus* Berkenhout, 1769). *Bangladesh J Zool.* 31(2): 221-225.
 61. Uddin, M. H. and Khanum, H. 2005. Haemoglobin level among the adolescent girls and it's relation to intestinal parasites. *Bangladesh J. Zool.*33(2): 183-188.

62. Sharmin, S., Khanum, H. and Uddin, M. H. 2004. Helminth infections in *Xenentodon cancila* (Hamilton-Buchanan 1822). *Rajshahi University Journal of Zoology*. 23:44-49.
63. Khanum, H., Sultana, Y. and Haque, R. 2005. Serological prevalence of *Entamoeba histolytica* among the urban children of Bangladesh. *Bangladesh J. Zoology*. 33(2): 207- 212.
64. Mizanurrahman,R., uddin, H. and Khanum,H. 2005. Hookworm infection and hygienic condition in the rural children of Bangladesh. *Bangladesh J. zool*. 33(1): 75-80.
65. Alam, M. S., Khanum, H. 2005. Infection of *Ascaris lumbricoides* and *Trichuris trichura* among the children of two slum areas in Dhaka city. *Bangladesh J. Zool*. 33(1)L 89-94.
66. Alam, M. S. and Khanum, H. 2005. Educational status of mother as a factor for roundworm infection in children. *Dhaka Univ. J. of Biol. Sci*.
67. Alam, M.S. and Khanum, H. 2005. Infection of *Ascaris lumbricoides* and *Trichuris trichura* among the children of two slum areas of Dhaka city. *Bangladesh J. Zool*. 33(1):89-94.
68. Parveen, R., Silva, J. D., Khanum, H. and Zaman, Z. 2006. Helminth parasites in *Anabas testudineus* (Bloch, 1972). *Bangladesh J. zool*. 34(1): 35-40.
69. Nahar, S. J. Khanum, H. and Zaman, R. 2006. Occurrence of *Escherichia coli* infection among the children of Dhaka city. *Bangladesh J. Zool*. 34(2): 181-186.
70. Khanum, H., Sultana, R., Alam, M. S. & Zaman, R. F. 2002. Endoparasitic helminth infection in *Hemidactylus flaviviridis* (Ruppel, 1835). *Univ. J. Zool. Rajshahi Univ*. 21:17-19.
71. Alam, M. S., Khanum, H. and Nessa, Z. 2002. Rat pinworm *Syphacia muris* Yamaguti, 1941 from laboratory rat in Bangladesh. *Univ. J. Zool. Rajshahi Univ*. 21: 95-96.
72. Alam, M. S., Khanum, H. and Nessa, Z. 2003. Helminth infection in laboratory rat strain, long-evans (*Rattus norvegicus* Barkenhout, 1769). *Bangladesh J. Zool*. 31(2): 221-225.
73. Sharmin, S., Uddin, M. H. and Khanum, H. 2003. Helminth infections in *Xenentodon cancila* (Hamilton-Buchanan, 1822) from Chandpur. *Univ. J. Zoology. Rajshahi Univ*. 22: 51-57.
74. Alam, M. S and Khanum, H. 2005. Infection of *Ascaris lumbricoides* and *Trichuris trichura* among the children of two slum areas in Dhaka city. *Bangladesh J. Zool*. 33(1)89-94.
75. Alam, M. S and Khanum, H. 2005. Educational status of mother as a factor for roundworm infection in children Accepted for publication in *Dhaka Univ J Biol Sci* 14(2): 43-49.
76. Uddin, M. H. and Khanum, H. 2006. Hemoglobin level among adolescent girls and it's relation to intestinal parasites. *Bangladesh J. Zool.*: 32(2): 183-188.
77. Rahman, M. M., Uddin, M. H. and Khanum, H. 2006. Hookworm infection and hygienic condition in the rural children of Bangladesh. *Bangladesh J. zool*. 33(1): 75-80.
78. Khanum, H., Nahar, Z. and Farhana, R. 2006. Occurrence of *Escherichia coli* infection. *Bangladesh J. of Zoology*. 34(1):181-186.
79. Khanum, H., Khan, H.O.R. and Farhana, R. 2006. Infestation of ectoparasites in *Gudusia chapra* (Hamilton). *Univ. J. Zool. Rajshahi University*.25: 23 -25.
80. Sultana, Y., Khanum, H. and Haque, R. 2007 Comparative study of gal/galnac lectin and carbohydrate recognition domain antigen in response to *Entamoeba histolytica* infection among the pre-school children in Bangladesh. *Bangladesh J. Zool*. 35(1):33-38.

81. Khanum, H., Ferdous, J. and Farhana, R. 2008. Community of helminth parasites in *Rita rita* (Hamilton Buchanun) in accordance to some its biological aspects. *Rajshahi University J. of Zool.* 36(1): 56-62.
82. Khanum, H., Khanam, P. and Farhana, R. 2007. Observation on Common skin and venereal diseases among the peoples of different age groups and socio-economic status. *Bangladesh J. Zool.* 35(2): 391-386.
83. Khanum, H., Begum, N. and Begum, A. 2008. Infestation Of Helminth parasites in the *Panna microdon* (Bleeker, 1849). *Dhaka Univ. J. Biol. Sci.* 17(1): 51-58.
85. Khanum, H., Ahmed, S., Hafizuddin, M., Rahman, ABM M., Dey, R R. and Farhana, R. 2008. Prevalence of intestinal parasites and anaemia among the slum male children in Dhaka city. *Dhaka Univ. J. Biol. Sci.* 17(2):137-145.
86. Khanum, H., Khanum, M. and Alam, S. 2008. Prevalence of Exema in relation to socio-demographic status among children. *Centre for Development Research.* 1(2):65-69.
87. Muznebin, F., Khanum, H. and Hossain, A. 2008. Incidence of Nematode infections among the children brought to ICDDR,B Hospital, Dhaka, *Bangladesh. J. bio. Sci.* 15:159-164.
89. Khanum, H., Masum, MA., Kabir, R., Day, R R. and Farhana, R. 2008. Comparison of Direct Agglutination Test (DAT) and aldehyde Test (AT) in serodiagnosis of visceral leishmaniasis. *Bangladesh J. of Zool.* 36(1):93-99.
90. Latifa, G A., Khanum, H and Monwar, H. 2008. Helminth parasites of *Polynemus paradiseus* (LINNAEUS, 1758). *Bangladesh J. of Zoology.* 36(1): 35-42.
91. Khanum, H., Akhtar, M. and Bangali, M. 2008. Occurrence of malarial parasite infection in Haluaghat, Bangladesh. *Bangladesh J. of Zoology.* 36(2)294-300.
92. Khanum, H. and Alam, S. 2010. Occurrence of scabies among the out-patient children in Dhaka Medical College, Bangladesh. *Rajshahi University J. of Zoology.* 38(1).7-11.
93. Uddin, H.M and Khanum, H. 2008. Intestinal parasitic infestation and anaemic status among the adolescent boys in Bangladesh. *Univ.j.zool.Rajshahi Univ.* Vol. 27 pp 63-65.
94. Khanum, H., Nahar, S., Ferdous, Z., Uddin, M.H. and Kamrujjaman, M. 2008. Endohelminth infestation in *Channa punctatus* (Bloch, 1794). *Bangladesh J. of Life Sciences.* 20(2):17-25.
97. Khanum, H and Ferdows J. 2008. Community parasites in *Rita rita* (Hamilton Buchanun) in accordance to its sexes, length groups and seasons. *Dhaka University J. of biological Sciences.* 16:133-135.
98. Khanum, H., Parveen, S., Nessa, Z. and Rahman, ABM M. 2009. Comparative efficacy of albendazole, mebendazole and neem leaf extract for helminthic infections in laboratory rat strain. *Dhaka Univ. J. Biol. Sci.* 20(1): 41-48.
99. Khanum, H., Muznebin, F. and Ness, Z. 2009. Nematode and cestode prevalence, organal distribution and histo-pathological effects due to parasitic infection in laboratory rat strain, Long-Evans (*Rattus norvegicus* Berkenhout 1769) *Bangladesh journal of Scientific and Industrial research.* 44(2): 207- 210.
100. Muznebin, F., Khanum, H. and Nessa, Z. 2009. Endoparasitic infection in Laboratory Rat Strain, Long-Evance (*Rattus norvegicus*, Berkenhout, 1769). *Bangladesh journal of Scientific and Industrial research.* 44(1): 109-116.
101. Khanum, H., Begum, N. and Begum, A. 2009. Occurrence of helminth parasites from *Panna microdon* (bleeker, 1849) in Dhaka district of Bangladesh. *Dhaka Univ. j. of Biol.* 18(1): 18(2): 111-120.
102. Khanum, H., Musa, S. and Hassan, N. 2009. Prevalence of leishmaniasis in Trishal thana,

- Mymensingh, Bangladesh. *Bangladesh J. of Life Sciences*. 21 (2):151-155
103. Khanum, H and Rahman, F. 2009. Intestinal helminth infection in domestic fowl (*Gallus gallus*). *Bangladesh J. Zool.* 37 (1): 25-31.
 104. Alam, M. S, Yagatsuma, Y., Mondal, D., Khanum, H. and Haque, R 2009. Relationship between sand fly fauna and kala-azar endemicity in Bangladesh. *Acta Tropica* 112: 23–25. **International.**
 105. Musa, S. and Khanum, H. 2009. Post kala-azar dermal leishmaniasis (PKDL) in two kala-azar endemic areas of Bangladesh. *Bangladesh J. of Zool.* 37(2): 113- 120.
 - 107.. Khanum, H and Rahman, F. 2009. Intestinal helminth infection in domestic fowl (*Gallus gallus*). *Bangladesh J. Zool.* 37 (1): 25-31.
 108. Alam, M. S, Yagatsuma, Y., Mondal, D., Khanum, H. and Haque, R 2009. Relationship between sand fly fauna and kala-azar endemicity in Bangladesh. *Acta Tropica* 112: 23–25. **International.**
 109. Khanum,H, Begum, N. and Begum, A. 2009. Occurrence of Helminth parasites from *Panna microdon* (bleeker, 1849) in Dhaka district of Bangladesh. *Dhaka Univ. j. of Biol.* 20(2): 117-122.
 110. Khanum, H., Dey, R.R. , Farhana, R., Rahman, A.B.M.M. 2010. Seroprevalence of visceral leishmaniasis in rural community of Bangladesh. *Bangladesh J. Zool.* 38(2): 171-178.
 - 111.Parvin, H., Khanum, H. Uddin, M.H., Islam M.S., Matin, M.A. and Rahman, M.S. 2010. Prevalence of Helminths in a Lake of Dhaka City, Bangladesh. *Bangladesh J. Zool.* 38 (1): 31-39.
 112. Rahman, F., Khanum, H., Uddin, M.H and Haque, R. 2010. Infestation of *Entamoeba histolytica*. Among the children of Mirpur cohort area, Dhaka. *Dhaka Univ. J. of Biol. Sci.* 19(1): 47-52.
 113. Khanum, H., Islam, R. and Parvin, S. 2010. Occurrences of egg and larvae of gastrointestinal nematodes in nails of street inhabitants in Dhaka city. *J. Life Earth Sci.* 5:75-79.
 114. Hasan, M.S, Khanum, H and Easmin, F 2010. Prevalence of Leishmaniasis in Trishal, Mymensing: Relation with blood group, Age group and associated clinical disorders. *Bangladesh J. Zool.* 37 (2): 239- 246.
 - 115.Parvin, H Khanum, H. Uddin, M.H., Islam M.S.,Matin, M.A. and Rahman, M.S.2010. Prevalence of Helminths in a Lake of Dhaka City Bangladesh. *Bangladesh J. Zool.*38(1)31-39..
 116. Podder, M.P., Khanum, H., Alam, M. S. Khan, M. G. M., Haque, R. and Elahi, R. 2010. Comparison of Urine based ELISA and rK39 Dipstick Test for detection of Kala-azar. *Bangladesh J. of Zool.* 39(1): 11-18.
 - 117.Nahar, S J., Khanum, H. and Shimusaki, K 2010. Occurrence of *Escherichia coli* among the women of Dhaka city. *ARNP J. Agri. And Bio. Sci.* 5(6). **International.**
 - 118.Alam, MS, Mohon, AN, Mustafa S, Khan WA, Islam N, Karim MJ, Sullivan DJ, Khanum H and Haque R. 2011. Real -time PCR assay and rapid diagnostic tests for the diagnosis of clinically suspected malaria patients in Bangladesh. *Malaria Journal.* 10:175.1-9. **International.**
 119. Gofur M A, Khanum H, Poddar, MP and Nessa J. 2011. Parasitic infestation in laboratory rat strain, Long-Evans (*Rattus norvegicus* Berkenhout, 1769). *Univ. J. zool. Rajshahi Univ.* 29: 45-49.)
 120. Khanum, H., Pervin, S., Nessa, Z. and Rahman, M.A.B.M. 2011. Comparative efficacy

- of Albendazole, mebendazole and neem leaf extract in helminth infections in rat Models *Dhaka Univ. J. Biol. Sci.* 20(1): 41—48.
121. Poddar, M. P., Khanum, H., Alam, M. S., Khan, G. M. Elahi, R. A.E.M. and Haque. . 2011 Comparison of Urine based ELISA and rK39 dipstick test for detection of kala-azar *Bangladesh J. Zool.* 39(1): 11-18.
122. Gafur, M.A., Khanum, H., Podder, M.P. and Elahi, R.A.E.M. 2011. Baseline Investigation on rabies in Rangpur and Chittagong Division, Bangladesh . *Bangladesh J. Zool.* 39(2): 195-204..
123. Khanum, H., Begum, S. and Begum, A. 2011. Seasonal prevalence, intensity and organal distribution of helminth parasites in *Macrognathus aculeatus* *Dhaka Univ. J. Biol Sci.* 20(2): 117-122..
124. Elahi, R., Khanum, H., Alam, M. S., Haque, R. Podder, M. P. 2012. Morphometry of different stages of *Plasmodium falciparum* and *Plasmodium vivax* in malaria patients in Matiranga, Khagrachari. *Dhaka Univ. J. Bio. Sci.* 21(1): 79-85. of Matiranga, Khagrachari. *Dhaka Univ. j. of Biol.* 21(1) :
125. Khanum, H., Khanam, S.S., Sultana, M., Uddin, H.M., Dhar, R.C. and Islam, S.M. 2011. Occurrence of *Giardia* in the effluents of a waste water treatment plant In Dhaka. *Bangladesh J. Zool.* 39(2): 147-156.
126. Khanum, H., Abedin, J., Farhana, R. and Musa, S. 2011. Recent advances and application of technologies for diagnosis, treatment, prevention and control of malaria and kala-azar in endemic areas of Bangladesh. 22nd National Congress of Parasitology. Deptt. of Zoology, Kalyani University, Kalyani, W.B. (pages 71-76. **International.**
127. Farhana, R. and Khanum, H. 2011. The effect parasitic infestation on tissue and organs of *Mystus aor* Hamilton) and *M. bleekeri* (Day). 2011. 22nd National Congress of Parasitology. Deptt. Of Zoology, Kalyani University, Kalyani, W.B. (223-227). **International.**
128. Yesmin, S. and Khanum, H. 2011. On the studies of parasites infestation in *Clarias batrachus* (Linnaeus) and *C. gariiepinus* (Burchell). 22nd National Congress of Parasitology. Deptt. of Zoology, Kalyani University, Kalyani, W.B. (pages 252-258). **International.**
129. Banu, H. Khanum, H. and Hossain, A.M. 2011. Parasitic infestation among the adolescent girls of Bangladesh. 22nd National Congress of Parasitology. Deptt. of Zoology, Kalyani University, Kalyani, W.B. (pages 91-97). **International.**
130. Khanum, H., Sarker, S.S.N.N., Hossain, M.M Musa S. and Farhana, R. 2012. Occurrence of hydrocoele in Thakurgaon, an epidemic prone area of Bangladesh. *Journal of Natural History (India)*. 11-17. **International.**
131. Musa, S., Dil-Afroz, S. and Khanum, H. 2011. Occurrence of ect- and endo- parasites in pigeons (*Columba livia* Lina). *Univ J of Zool Rajshahi Unive.* 30:73-75.
132. Khanum, H., Sultana. R. and Dhar, R. C. 2012. Diagnosis of Tuberculosis and risk factors involved. *Bang. J. zool.* 40(2): 213-220.
133. Musa, S., Karim, T. and Khanum, H. 2012. Pediculosis among the children in slum areas of Dhaka city. *Bang. J. Zool.* 40(2):175-180.
134. Zaman, R. F. and Khanum, H. 2012. Helminth parasites in *Mystus aor* and *Mystus bleekeri*. *Journal of Natural History (India)*. 8(2): 65-75. **International.**
135. Khanum H, Khanam S, Sultana, M., Uddin, M H, Dhar, R. C. and Islam, S. 2012. Protozoan parasites in a wastewater treatment plant of Bangladesh. *Univ J of Zool Rajshahi Unive.* 31:5-8.
136. Khanum, H., Munir, F., Shafiullah, AZM and Muznebin, F. 2012. Prevalence

and comparative likelihood of urinary tract infection(UTI) among female out patients in BSMMU. *Bangladesh J. Zool.* (40(2): 231-239.

137. Khanum, H. 2011. **Third Person Plural Number (Book). Published by Hamida Khanum. Dhaka- 1000.**
139. Khanum, H., Rahman, F. and Zaman, R.F. 2013. Occurrence of intestinal parasites among the teachers, students and staffs of Dhaka University. *Journal of Asiatic Society Bangladesh.*39(2): 239-246.
140. Podder, MP, Khanum, H., Elahi, R., Mohon, AN Mohiuddin, MK. and Alam, MS. 2014. Comparison of a new ELISA kit (RECOMBOLISA Malaria Ab test) with microscopic detection of malaria. *Parasitology Today.*Vol. 1 Accepted. In press. (Biotechniques and Biotechnology) modern Parasitology. Department of Animal Sciences. MJP Rohilkhand University, Bareilly, India. **International**
141. Barua, P., Khanum, H., Haque, R., Arju, T Uddin, M S. 2013. Comparing direct microscopy and in-vitro culture for diagnosis of *Blastocystis hominis* infection among the infants of a diarrheal-affluent area of Mirpur, Dhaka, Bangladesh. . **23rd National Congress of Parasitology. Deptt. Of Zoology, Kalyani University, Kalyani, W.B. p 71-76. International.**
142. Ahmed, T., Khanum, H. and Zaman, RF. 2013. Endoparasitic Helminth infestation in *Glossogobius giuris* (Hamilton-Buchanan, 1822) *J Natural History.* **8(4): 27-34. International**
143. Tahmina Ahmed , Hamida Khanum and *Anwar Hossain. 2013. Prevalence of *Trichuris trichiura* among the children of age under five years. *Bangladesh J zool.* 41(1):97-103.
144. Sabina Yesmin and Hamida Khanum 2013(DEC.). **Histo-pathological affects due to helminth infestation in *Clarias batrachus* (Linnaeus)and *Clarias gariepinus* (Burchell. 23rd National Congress of Parasitology. Deptt. Of Zoology, Kalyani University, Kalyani, W.B. p. 309- 315. International.**
145. Farhana, R. and Khanum, H. 2013. Helminth parasites of *Mystus aor* (Hamilton) and *Mystus bleekeri* (Day) in Bangladesh . *J. Natural History.* **8(2): 65-75.**
146. Eakbal MK, Khanum, H. Mohon AN, Elahi R , Podder ,MP, Mohiuddin K, Alam MS 2013(Dec.). Nested PCR approach for diagnosis of clinical malaria in an endemic area of Bangladesh. **23rd National Congress of Parasitology. Deptt. of Zoology, Kalyani University, Kalyani, W.B. p. 210-216. International.**
147. Rimi Farhana Zaman and Hamida Khanum. 2013(Dec.). Proximate analysis of *Mystus aor* (hamilton) and *Mystus bleekeri* (day) in relation to parasitic infestation. **23rd National Congress of Parasitology. Deptt. Of Zoology, Kalyani University, Kalyani, W.B. p. 69-78. International.**
148. Hamida Khanum and Shahinul Islam. 2013(DEC.) Prevalence and risk factors of filariasis in endemic districts of Bangladesh. **23rd National Congress of Parasitology. Deptt. Of Zoology, Kalyani University, Kalyani, W.B. p. 231-241. International.**
149. Khanum, H. Sultana, M Sharmily, Khanam, S., Uddin, MH and Islam, MS. 2013. Pathogen risk assessment on municipal sewerage treatment plant and surface disposal in Buriganga river. 2013. *J Natural History.* **8(4):35-40. International**

150. Banu, H. and Khanum, H. 2013. Intestinal Parasitosis with Anemia and Nutritional Status: Adolescent Girls of Bangladesh. LAMBERT Academic Publishing (LAP) GmbH & Co. KG Heinrich-Böcking-Str. 6-8 66121, Saarbrücken, Germany. Pp 308. (BOOK) **International.**
152. Sharmin Rahman Sumi and Hamida Khanum 2013. Helminth infestation in domestic goats (*Capra aegagrus*). *Modern Parasitology*. p 23-37. **International.**
153. Hamida Khanum, Md. Rasel Alam and Sharmin Musa. 2013. Leishmaniasis in Trishal and Fulbaria Thana, Mymensingh: in relation to blood groups and consequences of clinical disorders. *Journal of Natural History*, 9(1): Accepted. **In press. International.**
154. Hamida Khanum, Jesmin Naher, Rimi Farhana Zaman, Sharmin Musa and Ripon Chandra Dhar. 2013. Prevalence of Dengue fever and Dengue Haemorrhagic fever among the inhabitants of Dhaka city, Bangladesh. *Journal of Natural History. W. B. 9(1): In press. International*
155. Yeasmin, T., Hamida Khanum and Rimi Farhana Zaman. 2014. Seasonal prevalence of arthropod and helminth parasites in sheep (*Ovis aries*). *Bangladesh J Zool.* . 42(1): 45-55
156. Showket Hasan, Hamida Khanum and Farzana Easmin. 2013. Occurrence of kala-azar in accordance with socio-economic conditions and associated disorders among the inhabitants of Trishal thana, Mymensingh. *J. zool. Rajshahi Univ.* **32**: 73-80.
157. Hamida Khanum, Rabin Nath, Sharmin Musa and Rimi Farhana Zaman and Mazem Hossain 2013. Lymphatic filariasis in northern part of Bangladesh. *Univ. J. zool. Rajshahi Univ.* **32**: 59-65.
158. Tahmina Ahmed, Hamida Khanum, Priyanka Barua, Tuhinur Arju, Muhammed Salah Uddin and Rashidul Haque. 2014. Detection OF *Giardia lamblia* in children by microscopy, ELISA and real time PCR assay. *J. Bio. Sci. University of Dhaka.* 23(2):197-204.
159. Hamida Khanum, Tania Yeasmin, Rimi Farhana Zaman and Sharmin Musa. 2014. Infestation of arthropod parasites in cattle and sheep. *J. Natural History.* 9(2):5-12. **press.**
160. Hamida Khanum Tania Yeasmin, Sharmin Musa and Rimi Farhana Zaman. 2014. Infestation of helminth parasites in cattle according to age, sex and seasons. *J. Natural History.* 9(2): 13-21.
161. Rifat Faruqui, Hamida Khanum, Rashidul Haq¹ and A.S.M. Hamidur Rahman¹ and Nasirul Islam¹ 2014. Caecal-inoculation of *Entamoeba histolytica* in the immunodepressed swiss albino mice treated with cyclophosphamide. *Bangladesh Academy of Sciences.* 38(2):167-175.
162. Bardhan, P.K., Rifat Faruqui, I.A.S.M. Hamidur Rahman, K.M. Nasirul Islam, Hamida Khanum and D.A. Sack · 2014. Absorption of water and electrolytes from a liposomal oral rehydration solution: An *in vivo* infusion study on rat small intestine infected with cholera toxin. *PLOS.* **Accepted. International.**
163. Tahmina Karim, Sharmin Musa, Dinesh Mondal and Hamida Khanum. 2014. Relationship between head lice (*Pediculus humanus*) infestation and nutritional status of children. *Dhaka Univ. J. Biol. Sci.* 23(2):119-125.
164. Shahela Alam, Hamida Khanum, Rimi farhana Zaman and Rashidul Haque. 2014.

Identification of protozoan parasites by staining techniques. *J. of Asiatic Society. Sci.* 39(1): 117-123.

165. Rimi Farhana Zaman, Tanjin Akhter and Hamida Khanum. 2014. Prevalence of dengue fever and dengue haemorrhagic fever among the people of different socio-economic status. *Bang. J. Zool.* (December, 2014) 42(2): 161-168.
166. Hamida Khanum, Mafruha Alam, Imtiaz Khalil and Rashidul Haque¹ 2015. Quantitative assessment of Kako-Katz thick Smear and Formol-ether Concentration technique for the diagnosis of *Ascaris lumbricoides*. *J. Bio. sci. Dhaka Univ.* 24(1):65-72.
167. Rimi Farhana and Hamida Khanum. 2014. Distribution of helminth parasites in *Mystus aor* (Hamilton) and *Mystus bleekeri* (Day). *J. of Natural History. Accepted. International.*
168. Banu, H. and Hamida Khanum. 2014. Association of Anaemia and parasitic infestation among the adolescent girls in Bangladesh. *Bang. J. Zool.* 42(1): 91-103.
169. Hamida Khanum, Farhana Muznebin and Abedul Bari. 2015. Prevalence of Parasites in manures from Eco-San toilets at Munshiganj district, Bangladesh. *Journal of Zoology, University of Rajshahi, Rajshahi, Bangladesh. Accepted.*
170. Tamanna Akter, Sharmin Musa and Hamida Khanum. 2015. Occurrence of protozoa and soil transmitted helminth (STH) in human feces used as manure in agriculture. *The University of Dhaka Journal of Biological Sciences.* 24(2): 161-168.
171. Hamida Khanum, Rukhshana Kadir, Tuhinur Arju Tahmina Ahmed, Asma Sultana and Rashidul Huque. 2015. Detection of *Entamoeba histolytica*, *Giardia lamblia* and *Cryptosporidium spp.* infection in diarrheal patients by tri-combo elisa technique. *Bangladesh J. Zoology.* 43(1): 1-8.
172. **Zerina Zaman and Hamida Khanum. 2000. Parasites of *Clarias batrachus* (Book).**
173. Asma Sultana, Hamida Khanum, Priyanka Barua, Tahmina Ahmed and Rashidul Haque. 2015. Comparison of direct microscopy, culture and Real-time PCR for detection of *Blastocystis hominis* among the slum children. The Dhaka university *J. of Biological Sciences.* 24(2):169-176.
174. Tahmina Ahmed, Hamida Khanum, Priyanka Barua, Tuhinur Arju and Rashidul Haque. 2015. Detection of *giardia lamblia* in children by microscopy, ELISA and real time pcr assay. *Dhaka Univ. j. Biol. Sci.* 23(2): 197-204.
175. Priyanka Barua, Hamida Khanum, Rashidul Hauque, Farida Najib and Mannan Kabir. 2015. Establishment of *Blastocystis hominis* in-vitro culture using fecal samples from infants in slam area of Mirpur, Dhaka, Bangladesh. *Acta Medica International.* January-June, 2(1): 40 – 47. **International.**
176. **Rimi Farhana Zaman**, Sabekunnahar and Hamida Khanum. 2015. Prevalence of intestinal parasites among the outdoor patients of IBN SINA Hospital, Dhaka.

- Proceedings of 3rd International Conference on Advances in Applied sciences and Environmental Engineering, 11-12. April, 2015, Kuala Lumpur, **Malaysia**. Proc. of the Third Intl. Conf. on Advances in Applied Science and Environmental Engineering - ASEE 2015. Feb'10 **71-75. International.**
177. **Hamida Khanum***, **Jainal Abedin** and **Moazzem Hossain**. 2015. Application of technologies for diagnosis, treatment, prevention and control of malaria, kala-azar and filaria in endemic areas of Bangladesh. **Proceedings of 3rd International Conference on Advances in Applied Science and Environmental Engineering, 11-12 April, 2015, Kuala Lumpur, Malaysia**. Advances in Applied Science and Environmental Engineering - ASEE 2015. Feb'10. **103-107. International.**
178. Hamida Khanum, Mafruha Khanom, Hasina Banu, Farhana Muznebin, Shahela Alam and Azim Shafiulla. 2014. Blood transfusion transmitted infectious diseases (HIV, HBV, HCV, syphilis and malaria) among the voluntary blood donors in Dhaka, Bangladesh. *Bangladesh J. Zool.* 42(1):77-84.
- 179 Hamida Khanum and Tania Yeasmin 2015.** Infestation of helminth parasites in sheep (*ovis aries*) *J. envv. Bio-Sci.* Vol. 29 (1): 1-6 **International**
- 180.** Hamida Khanum, Md. Rasel Alam and Sharmin Musa. 2015 (June). Leishmaniasis in Trishal and Fulbaria Thana, Mymensingh: In Relation to Blood Groups and Consequences of Clinical Disorders. *Journal of Natural History*. Vol 10 No 1 pp: 19 - 31 **International**
181. Muhammad Saiful Islam, Hamida Khanum, Asma Sultana, Rimi Farhana Zaman and Shahela Alam. 2015. Histopathological effects of epizootic ulcerative syndrome in some fishes from different ponds of demra, Dhaka. *Bangladesh J. of Zoology*. 43(1): 121-130.
182. Banu, H., Khanum, H. and Hossain, M. A. 2015. Nutritional Status of the Adolescent Girls in Relation with Parasitic Infestation. *Biores Comm.* **1**(2), 105-110.
183. Milka Patricia Podder, Hamida Khanum*, Rubayet Elahi, Abu Naser Mohan, Md. Khaja Mohiuddin and Mohammad Shafiul Alam. 2015. Comparison of a New ELISA Kit (Recombilisa Malaria Ab Test) with Microscopic Detection of Malaria. *Modern Biotechniques and Biotechnology*. Page. 237-243. **International**
184. Tahmina Karim, Sharmin Musa, Hamida Khanum, and Dinesh Mondal. 2015.) Occurrence of *Pediculus humanus capitis* in relation to their personal hygiene and social behaviour among the children in Dhaka city. *Bangladesh J. zool.* 43(2):327-332
185. Md. Khalid Eakbal Anik, Hamida Khanum, Iftexhar Ahmed Rizvi and Hasina Banu. 2015. Epidemiological Aspects of Lymphatic Filariasis in Nilphamari District, *Bangladesh. Journal of Biological sciences, University of Dhaka*. **Accepted.**
186. Hamida Khanum, Farjana Easmin, Md. Showket Hasan and Rimi farhana zaman. 2015. Occurrence of helminth and Arthropoda parasites in *Clarias batrachus*. *Bangladesh J. Zool.* 43(2): 269-278.

187. Rimi Farhana Zaman, Ameenah Khatun and Hamida Khanum. 2016. Comparative incidence of helminth parasites in domestic fowl, white leg-horn, layer and cock. *Bangladesh J. Zool.* Accepted.
188. Hamida Khanum, Farhana Muznebin and Abedul Bari. 2015. Prevalence of parasites in manures from Eco-San toilets at Munshiganj district, Bangladesh. *Jour. of Natural History (WB)*. **11(2): 4-13. International.**
189. Hamida Khanum, Asma-ul-Husna and Moniruzzaman Khan . 2015. Fungal skin diseases in relation to socio-demographic status among the diabetic patients in the department of dermatology, BIRDEM; Dhaka. *Jour. Natural history (WB)*. **11(1):41-49. International**
190. Hamida Khanum, Sultan-uz-Zaman, Sabina Yesmin, Sharmin Musa, Hasina Banu and Tuhinur Arju. 2015. Visceral leishmaniasis in non-endemic districts of Bangladesh: Knowledge, attitude and practice of inhabitants and professionals for treatment, prevention and control. *Bangladesh J. Zool.* **43(2): 189-200.**
191. Hamida Khanum, Rimi Farhana Zaman, Ehteshamul Islam, Tahmina Karim and Sirazul Islam. 2015. Prevalence and intensity of parasites in household yard soil of urban and rural areas of Chittagong hill tracts, Bangladesh. All India Congress of Zoology & International Symposium organized by Zoological society of India, Bodh gaya. **In press. International**
192. Hamida Khanum, Mafruha Alam, Imtiaz Khalil and Rashidul Haque .2015. Diagnosis of *Trichuris trichiura* by Kato-Katz thick smear and Formol-Ether concentration technique among the slum children of Dhaka city. *Journal of Natural History. India*. 11(1): 22-31. **International.**
193. Muhammad Riadul Haque Hossainey, Hamida Khanum, Jahid Hayat Mahmud and Md. Sirazul Islam. 2015. Public health risk associated with sewage contaminated flood run-off water. *J. Env. Bio-Sci.*, 2015: Vol. 29 (2):269- 274. **International.**
194. Tahmina Ahmed, Hamida Khanum, Muhammed Salah Uddin, Priyanka Barua, Tuhinur Arju, Mamun Kabir¹ and Rashidul Haque. 2016. *Entamoeba histolytica*, *giardia lamblia* and *cryptosporidium* spp. infection in children in an urban slum area of Bangladesh. *Biores Comm.* Volume 02(01):175-181.
195. Mohammad Shafiul Alam, Rubayet Elahi, Abu Naser Mohon, Hasan, Mohammad Al-Amin, Mohammad Golam Kibria, Wasif A. Khan, Hamida Khanum, and Rashidul Haque. 2016. *Plasmodium falciparum* Genetic Diversity in Bangladesh Does Not Suggest a Hypoendemic Population Structure. *Am J Trop Med Hyg.* 15-0446; **International.**
196. Khan, M M., Islam, M N., Khanum, H and Asma-Ul-Husna. 2016. Clinical observation of Fungal infection among the OPD of Birdem. Journal of Johurul Islam Medical College. **Accepted**

197. Khan, M M., Islam, M N., Khanum, H and Fredoush, U M. 2016. Prevalence of viral diseases among diabetic subjects attending BIRDEM OPD. Journal of Johurul Islam Medical College. **Accepted**
198. Mahmud, Zahid; Das, Pankoj; Khanum, Hamida; Hossainey, Muhammad Riadul; Islam, Ehteshamul; Mahmud, Hafiz; Islam, Mohammad; Imran, Khan; Dey, Digbijoy; Islam, Md. Sirajul. 2016. Time-temperature model for bacterial and parasitic annihilation from cow dung and human faecal sludge, a forthcoming bio-fertilizer. Canadian Journal of microbiobiology. **Accepted. International.**
199. Hamida khanum, Ainun nahar, mt. Tahmina karim and Hasina banu. 2015. infection of protozoan and helminth parasites among the out patients of Dhaka medical college hospital with gastrointestinal disorders. *Bangladesh J. Zool.* 43(2): 189-199.
200. Hasina banu, Hamida khanum, Md. Khalid Eakbal anik and Md. Anwar Hossain. 2016. Marital status, parasitic infestation and anaemia among adolescent girls. *Jour. of Natural History.* 12(1): 4-12. **International.**
201. Hamida Khanum¹, Mandira Mukutmoni², Jahim Uddin² and Rashidul Haque. 2016. Diarrheal carriage illness with *Trichuris trichiura* among the slum children in Dhaka city. **Bioresearch Communications.** Volume 02, issue 01, July. **Accepted**
202. Pankoj Kumar Das, Hamida Khanum, Zahid Hayat Mahmud¹, Mohammad Riadul Haque Hossainey¹ and Md Sirajul Islam. 2016. Presence of bacteria and parasites in cow dung and pit soil, a usual mean of bio-fertilizer in different area of Bangladesh. **Bioresearch Communications.** Volume 02, issue 01, July, **Accepted.**
203. Hamida Khanum, Khaleda Akhter and Tamanna Akter. 2016. Occurrence of helminth parasites and their histo-pathological effects in the swiss albino mice reared in the laboratory of BCSIR, Dhaka. *Journal of Natural History.* **Accepted. International.**
204. Zahid Hayat Mahmud¹, Pankoj Kumar Das, Hamida Khanum, Muhammad Riadul Haque Hossainey, Ehteshamul Islam, Hafij Al Mahmud, Md Shafiqul Islam, Khan Mohammad Imran, Digbijoy Dey and Md Sirajul Islam. 2016. Time-Temperature Model for Bacterial and Parasitic Annihilation from Cow Dung and Human Faecal Sludge: A Forthcoming Bio-Fertilizer. *Journal of Bacteriology & Parasitology.* 7(4): 1 – 6. **International.**
205. Mandira Mukutmoni, Hamida Khanum, , Jashim Uddin and Rashidul Haque. 2016. Prevalence of *Ancylostoma duodenale* and *Ascaris lumbricoides* among diarrheal children of slum area. *Journal of Natural History.* 12(2): 23-33. **International.**
206. Mandira Mukutmoni¹, Hamida. 2016. Soil transmitted helminth infestation in diarrheal and nondiarrheal children in Mirpur area, Dhaka. *Bang. J. zoology.* 44(2): 219-228.

207. Sharmin Musa, Rezwana Ahmed and Hamida Khanum. 2016. Distribution of zoonotic parasites in dogs (*Canis lupus familiaris*, Linnaeus, 1753) from Katabon Market. Dhaka. *Bang. J. zool.* **Accepted.**
208. Rifat Faruqui , Hamida Khanum , P. K. Bardhan, C. Mitchell, and D. A. Sack. 2016. Comparison of absorption rates of water and electrolytes from standard ors (s-ors), hydrolyzed starch ORS (hs-ors) and hydrolyzed starch with liposomal salts ors (lipo-ors) in rat small intestine. *J. Env. Bio-Sci.* 30(1): 13-19. **International.**
209. Rifat Faruqui, Hamida Khanum, Pradip Kumar Bardhan, Cheryl Mitchell and David Sack. 2016. Perfusion study on rat small intestine exposed to cholera toxin to observe absorption of water and electrolytes from a liposome based ORS. *Journal of Parasitic Diseases.* **Accepted. International.**
210. Tahmina Siddiqua, Rosy Sultana and Hamida Khanum. 2016. Prevalence of *Entamoeba histolytica* and *Giardia lamblia* infection among diabetic and non diabetic patients of Bangladesh. *Journal of Bio-research Communication.* **Accepted.**
211. Rimi Farhana Zaman, Ameena Khatun, Shahela Alam and Hamida Khanum. 2016. Comparative incidence of helminth parasites in domestic fowl, white leg-horne, layer and cock. *Bangladesh J. zool.* 44(2): **145-154.**
212. Hamida Khanum, Khaleda Akhter, Shahela Alam and Tamanna Akter . 2017. Infestation of helminth parasites in relation to seasonal variation in different sex, length and weight in swiss albino mice. *J. Natural History.* . **International.**
213. Rifat Faruqui, Hamida Khanum, Pradip Kumar Bardhan and Cheryl Mitchell. 2017. Absorption of Water and Electrolytes from a Liposome Based Oral Rehydration Solution: An in vivo Perfusion Study on Mucosal Injured Small Intestine Rat Model. *J. Env. Bio-Sci.* 3(1) 309-318. **International**
214. Shahela Alam and Hamida Khanum. 2017. Parasite diversity in *Wallago attu* (Bloch- Schneider, 801) and *Rita rita* (Hamilton-Buchanan,1822). *National Journal of Life Science.*, 14(1) :35-39. **International**
215. Rimi Farhana Zaman, Shamima Aktar and Hamida Khanum.2017. Occurrence of *Trichostrongylus retortaeformis* and *Toxocara canis* in *Oryctolagus cuniculus* from pet market, Dhaka. *National Journal of Life Science*, Vol. 14(1) 2017 : 53-57. **International.**
216. Mohammad Shafiul Alam,*† Rubayet Elahi,† Abu Naser Mohon, Hasan Mohammad Al-Amin, Mohammad Golam Kibria, Wasif A. Khan, Hamida Khanum, and Rashidul Haque. 2016. *Plasmodium falciparum* Genetic Diversity in Bangladesh Does Not Suggest a Hypoendemic Population Structure. *Am. J. Trop. Med. Hyg.*, 94(6), 2016, pp. 1245–1250 doi:10.4269/ajtmh. 15-0446 Copyright © 2016 by

The American Society of Tropical Medicine and Hygiene. **International.**

217. Tahmina Siddiqua, *Rosy Sultana and Hamida Khanum. 2017. Prevalence of *Entamoeba histolytica* and *Giardia lamblia* Infection among Diabetic and Non- diabetic Patients of Bangladesh. *Bioresearch Communication*. 3(2): 433-440.
218. Hamida Khanum, Sharmin Musa and Rezwana Ahmed. 2017. Association of dogs (*Canis lupus familiaris*, Linnaeus, 1753) and risk perception of Zoonotic infection for humans. **National Journal of Life Sciences**. Vol. 14(2): 35-39. Dec, 2017.
- International**
219. Mandira Mukutmoni, Hamida Khanum, Jashim Uddin, Mamun Kabir, Rashidul Haque. 2017. Soil transmitted helminth infestation in diarrheal and non-diarrheal children. *Bangladesh J. of Zool.* 44(2): 219-228.
220. Asmaul Hosna, *Akhtarun Nahar and Hamida Khanum. 2017. Occurrence of intestinal parasites among the slum children in Dhaka city. *Bioresearch Communication*. **Accepted.**
221. Anindita Bhawmic and Hamida Khanum. 2017. Prevalence of visceral leishmaniasis, risk factors and associated disorders: knowledge of inhabitants and professionals in Fulbaria, Mymensingh . *Bangladesh J. zool.* 45(1): 73-83
222. Jannatul Ferdous and Hamida Khanum. 2017. Seasonal variation of total coliform, faecal coliform and faecal *streptococci* in Pagla sewage treatment plant in Dhaka city. *J. of Natural History (WB)* **International**
223. Hamida Khanum, Khaleda Akhter, Tamanna akter, Rimi Farhana, Zaman and Shahela Alam. 2017. Occurrence of helminth parasites and their histo-pathological effects in the swiss albino mice, reared in the laboratory of BCSIR, Dhaka. *J. of Natural History*. **International**
224. Rimi Farhana Zaman, Hamida Khanum, Shakila Nargis, Ponkoj Kumar Das. 2017. Detection of parasites and comparison of saline, iodine and KOH wet mount preparations executed on stool samples from patients attending ICDDR, B. *Bangladesh J, zool.* 45(2): 159-170.
225. Mandira Mukutmoni, Hamida Khanum. 2017. Occurrence and risk factors of intestinal helminthiasis among the children of Begunbari slum, Tejgaon, Dhaka. *Bangladesh J. zool.* **45(2)**: 123 – 129.
226. Rimi Farhana Zaman, Hamida Khanum, Mandira Mukutmoni and Mahmudul Hasan. 2018. Occurrence of common diseases among the staff of three residential halls of University of Dhaka. *Bangladesh J of Zool.* . **46(1)**: 45-52,

227. Hamida Khanum*, Iftexhar Hossain, Fahmida Sarkar and Rimi Farhana Zaman.2018. Lymphatic filariasis in nilphamari district: an endemic area in Bangladesh. *Bangladesh J. Zool.* **46(1)**: 11-19, 2018
228. Shuvra Roy, Hamida Khanum*, Rimi Farhana Zaman. 2018. Trematode cercariae infections in freshwater snails of Dhaka region, Bangladesh. *Journal of Natural History.* **14(1)**: 7-19. **International**
229. Hamida Khanum, Rimi Farhana Zaman, Mandira Mukutmoni, Nazmunnaher.2018. Prevalence of intestinal parasites among third and fourth grade employees and their family members of University of Dhaka. *Journal of Natural History.* **45(1)**: 20-25. **International**
230. Akond Md. Rafiqul ISLAM, Hamida KHANUM and Md. Khalid Eakbal ANIK. 2018. Prevalence of Lymphatic Filariasis in North and South zones of Bangladesh *Journal of Natural History.* **45(1)**:26-36. **International**
231. Mt. Tahmina Karim, Hamida Khanum and Sharmin Musa. 2018.Occurrence of enteric parasites and their risk factors among the female inhabitants of lower socioeconomic groups in Dhaka city. *Asian J. Med. Biol. Res.* **4(4)**Dec.: 323-336. **International**
232. Sonia Rustom , Rimi Farhana Zaman, Mondira Mukutmoni, Pryanks Borua and Hamida Khanum. 2020. Occurrence of urinary tract infection among the out patients in Ibn Sina Diagnostic and Imaging Center in Dhaka, *Bangladesh. Bangladesh J. Zool.* Dec. 2020. **Accepted**
233. Hamida Khanum and Fahad Jamil. 2020. A review on the status, risk factors and management strategies of human rabies in Bangladesh.

234. Mt. Tahmina Karim, Hamida Khanum and Sharmin Musa. 2020. Occurrence of communicable diseases among the female inhabitants of lower socio-economic groups in Dhaka city Bangladesh. *Bangladesh J. Zool.* Bangladesh J. Zool. **48**(1): 16-27,
235. Sharmin Musa, Hamida Khanum, Rezwana Ahmed and Priyanka Barua. 2020. **Occurrence of zoonotic parasites in cats (*Felis catus*) at an urban pet market (Katabon, Nilkhet) in Dhaka, Bangladesh. Accepted.** *Bangladesh Journal of Veterinary and Animal Sciences (BJVAS)*
236. **Anindita Rani Bhowmick and Hamida Khanum. 2019.** prevalence of visceral leishmaniasis, risk factors and associated disorders in Fulbaria, Mymensingh district. *National Journal of Life Science*, Vol. **16**(1&2) 2019 : 37-42. **International.**
237. Aysha Aurin, Rimi Farhana Zaman and Hamida Khanum. 2020. Occurrence of Endoparasites in Domestic Owned Cats in Dhaka City. *Journal of Bioscience and Biotechnology Discovery (JBBD)* proof. **-International**
238. Priyanka Barua^{1*}, Sharmin Musa¹, Rezwana Ahmed¹ and Hamida Khanum. 2020. Commonly Found Zoonotic Parasite Species in Dogs and Cats from a Prominent Pet Market of Dhaka, Bangladesh. *Annual Research & Review in Biology*, **35**(1): 17-3, 2020; **International.**
239. [Rashidul Haque](#), [Mohammad Shafiul Alam](#), [Rubayet Elahi](#), Hamida Khanum.. 2016. *Plasmodium falciparum* Genetic Diversity in Bangladesh Does Not Suggest a Hypoendemic Population Structure. May 2016. *The American journal of tropical medicine and hygiene* 94(6)DOI: [10.4269/ajtmh.15-0446](https://doi.org/10.4269/ajtmh.15-0446) **International**
240. **Hamida Khanum, Suvra Roy and Rimi Farhana Zaman. 2020.** New records of Turbellaria, Cestodes, nematode and Pentastomida from snails in Bangladesh. *National Journal of Life Sciences*. Volume. 17(1) June 2020. **Accepted. International**
241. **Hamida Khanum** Rimi Farhana Zaman, Md. Kabir Hossain and Md. Fahad Zamil. 2020. **Parasitic infestation found in the cockroaches *Periplaneta americana* in Bangladesh.** accepted for publication in *Life Science Bulletin* Volume. 17(1) 2020. **International**
242. **Rimi Farhana zaman, Shamima Aktar and Hamida khanum* 2018.** occurrence of *trichostrogylus retortaeformis* and *toxocara canis* in *oryctolagus cuniculus* from pet market Dhaka. *National Journal of Life Science*, Vol. **14**(1) 2017 : **International**
243. Hamida Khanum. 2016. (Editorial) : Association of dogs (*Canis lupus familiaris*, Linnaeus, 1753) and risk perception of zoonotic infection for humans. **International**

244. Mandira Mukutmoni¹, Sumaiya Islam¹ and Hamida Khanum¹. 2020. prevalence and Risk Factors of Intestinal Helminth Infections among City Dwellers of Dhaka, *Bangladesh South Asian Journal of Parasitology* . **accepted. In press. International.**
245. Nazneen Mohal Lima and Hamida Khanum . 2020. Association of Congenital Heart Disease among the Neonate-Children with their Maternal Diabetes. *Biomedical Journal (BJSTR)*. **In press. International.**
246. Raihanul Jannat, Hamida Khanum, Rimi Farhana Zaman, Sharmin Musa, Mandira Mukutmoni, Fahmida Sarker . 2020. **Occurrence of gastrointestinal parasites with zoonotic importance in jackal (*Canis aureus*, Linnaeus 1758)** . *National Journal of Life Sciences*, Vol. 17(2) 2020 : 81-86 **International .**
247. **Nirbachita Biswas and Hamida Khanum . 2020.** Factors responsible for developing common oral antibiotic resistant to urinary tract infection (UTI) among the children. **Journal of Bioscience and Biotechnology Discovery. Accepted, in press. International**
248. Hamida Khanum, Sharmin Musa, Monirul Islam, Romana Munir and Fahmida Sarker. 2020. Occurance of endoparasites in domestic fowls (*Gallus gallus*) and ducks (*Anas platyrhynchos*). *Bangladesh J Zool.* **Accepted**
249. Faruk Ul Islam, Hamida Khanum. 2020. Prevalence of gestational diabetes in some selected slums of Dhaka city. . *Journal of Medical Care Research and Review*.
Volume 3(12): Dec. **International**
250. **Fairoze Masuda Akther¹ and Prevalence of allergens of atopic asthma**
at Square Hospitals Limited, Dhaka. 2020. *Journal of Public Health and Diseases*. Volume 3(6): 119-128, Dec. **International**
- 251 . Sharmin Musa, Halima , Priyanka Barua, Mandira Mukutmoni, Fahmida Sarkaer and Hamida Khanum. Prevalence of Gastro-intestinal Parasites in Sheep (*Ovis aries*) from Gabtoli Haat, Dhaka. 2020. ***Asian Journal of Research in Animal and Veterinary Sciences"*. Accepted . International**
252. Fahmida Sarker , Taslima Akter, Sharmin Musa, Aminul Islam Bhuiyan , Mohammad Moniruzzaman Khan and Hamida Khanum.2020. Fungal skin diseases and related factors in outpatients of three tertiary care hospitals from an urban city, Dhaka, Bangladesh: cross-sectional study. Submitted.
253. **Monshefa Akhter and Hamida Khanum 2021**· Risk factors for developing knee osteoarthritis. Submitted. **International**
254. **Dr. Khadija Akter and Hamida Khanum. 2021. Prevalance of pre-eclampsia and factors responsible among third trimester pregnant women in hospital of Dhaka . In press. International**

POPULAR ARTICLES:

- 1.Hamida Khanum. 1985. Growing in wisdom towards a full acceptance and understanding of the mentally handicapped person by both community and government in Bangladesh. Presented in the occasion of 7 TH ASIAN CONFERENCE ON MENTAL RETARDATION, ASIAN FEDERATION FOR THE MENTALLY RETARDED. Taipei, Republic of China, Nov. 10-15, 1985.
- 2.Hamida Khanum, 1992, 1999. Teaching the Special children. Sharonika, Dhaka Metropolitan Zone, Dhanmondi Branch, The Society for Care and Education of Mentally Children, Bangladesh.
- 3.Hamida Khanum. 1994. Mental Handicap Associated with Disorders of Metabolism. Dhaka Metropolitan Branch, The Society for Care and Education of Mentally Children, Bangladesh.
- 4.Hamida Khanum. 1995. Role of Pisciculture in Nutrition.
- 5.Hamida Khanum. 1995. Pusti Unnaynee Matsha Chash. Brochure. Teachers Training Course Programme. Bangladesh Nutrition Council, Mohakhali, Dhaka.
- 6.Hamida Khanum. 1999. Music for Mentally Handicapped children.
- 7.Hamida Khanum. 2000. The role of community and Government for the welfare of the Intellectually Disabled persons.
- 8.Hamida Khanum. 2000. Communication development in children with intellectual or mental disability.
- 9.Hamida Khanum. 2001. The main causes for the intellectual disability in the children (in Bengali).
- 10.Hamida Khanum. 2002. Sunderban. ChitraBangla,15th Nov. 2002.
- 11.Hamida Khanum. 2003. Hydrocephalus and Intellectual Disability among the children.
- 12.Hamida Khanum. 2006. Brain and disorders of brain. Brochure, 2005. Society for Education of the Intellectually Disabled, Bangladesh.
- 13.Hamida Khanum. 2006. Cognitive Development of the Children Brochure,2005. Society for Education of the Intellectually Disabled, Bangladesh.

14. Hamida Khanum. 2997. Autism. Brochure Society for Education of the Intellectually Disabled, Bangladesh.
15. Hamida Khanum. 2008. Deafness.
16. Hamida Khanum. 2011. Third Person Plural Number. (Book).