

CURRICULUM VITAE

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EDUCATION

PhD. (Zoology) (04/02/2010)

M. Sc. (Zoology) (2000)

B.Sc. (Zoology, Chemistry, Botany) (1995)

EMPLOYMENT PROFILE

| Position | Department/ Institute | Period | Duties performed |
|--|--|-----------------------------------|---|
| Assistant professor (Zoology) | Department of Zoology, University of the Punjab, Lahore. | April 01, 2011- to date | Teaching and Research guidance to graduate and postgraduate classes, Introduction to Palaeontology, Vertebrate palaeontology, Invertebrate palaeontology, Principles of stratigraphy and structural geology, Mammalogy, Zoogeography |
| Lecturer (Zoology) | Department of Zoology, University of the Punjab, Lahore. | July 01, 2005- March 31, 2011 | <i>Courses taught to BS. M. Sc. and PhD:</i> Principles of Stratigraphy, Fish Biology, Applied Fisheries, Fish Breeding, Animal diversity and limnology to graduate and postgraduate classes. Supervision of BS and M.Sc research students. |
| Incharge Fish Research Farm/ Part time Teacher | University of the Punjab, Lahore | August 20, 2004 - May 13, 2009 | Management of the Punjab University Fish Research Farm/ Teaching courses to undergraduate classes at Zoology and Botany departments. |
| Assistant Director Fisheries | Department of Fisheries, Govt. of the Punjab, Lahore. | February 06, 2003 - June 30, 2004 | Hatchery management for breeding of carps. Establishment of disease diagnostic laboratory for fish at Bahawalpur; monitoring of private and public sector fish farms. Training of private and public sector fisheries personnel. |
| Fisheries Research Assistant/ Fisheries supervisor | Department of Fisheries, Govt. of the Punjab, Lahore. | April 30, 1995 - Feb 28, 2003 | Water quality monitoring of private and public sector fish farms. Provided Training and guidance to private and public sector fisheries personnel. |

FIELDS OF RESEARCH AND INTEREST

- Vertebrate Palaeontology, Systematics and Taxonomy
- Invasive Fish Biology and Ecology.
- Animal diversity and wildlife.

ACADEMIC EXPERIENCE

- Teaching to undergraduate and postgraduate classes at Department of Zoology, University of the Punjab, Lahore, from July 01, 2005-to date.
- Part time teacher Department of Botany, Institute of Biochemistry and Biotechnology, University of the Punjab from 2004–2009.
- Paper setter/ Internal Examiner in the subjects of Mammalogy, Vertebrate Palaeontology , invertebrate palaeontology, Animal Diversity and Wildlife, Fish Biology, Vector Biology, Economic Zoology, Aquaculture, university of the Punjab, Lahore
- External Examiner in the subjects of Systematics and evolution, Animal Diversity and Wildlife Bahauddin Zakarya University Multan 2007, 2008, 2013.
- External Examiner in the subjects of Zoogeography and Principles of Palaeontology, University of the Baluchistan, Quetta 2013- to date.
- Head Examiner for BS (Hons.) Zoology (Undergraduate) University of the Punjab, Lahore 2011-2013.

RESEARCH EXPERIENCE/ PROJECTS:

- Completed research project as PI titled “**Studies on Neogene fossil mammals from the Late Miocene Siwaliks of district Chakwal, Punjab, Pakistan.**” 2014-2015 funded by university of the Punjab, Lahore.
- Completed research project as PI titled “**Studies on the fossil Bovidae of Tatrot Stage, Soan Formation of northern Pakistan,** 2013-2014, funded by university of the Punjab, Lahore.
- Completed research project as PI titled “Studies on the fossil rhinocerotids of the Dhok Bun Ameer Khatoon area district Chakwal, Punjab, Pakistan, 2012-2013, funded by university of the Punjab, Lahore.
- Completed research project as PI titled “Studies on the fossil mammals of the upper Siwaliks of the Pabbi hills, district Gujrat” 2011-2012, funded by university of the Punjab, Lahore.
- Completed PhD research project titled “Taxonomy and distribution of rhinoceroses from the Siwalik Hills, Pakistan. (2009).
- M.Sc research project completed at, Department of Zoology, University of Arid Agriculture Rawalpindi titled ‘Induced spawning of Grass carp using synthetic hormones’. (1999-2000).
- Studies on “Fish disease and water quality Management” at Fisheries Sub-Training center, Bahawalpur. (March 2003 – June 2004) in a development project.
- Studies on breeding and culture of *Labeo calbasu* at Govt. Fish Seed Hatchery Bahawalpur (March 2003 – June 2004).
- Establishment and management of the Punjab University Fish Research Farm from April-2001 to Feb-2003.
- Implementation of the Project entitled “Establishment of Diagnostic Laboratories and Facilities for Analysis of Soil and Water Quality at Govt. Fish Seed Hatchery, Bahawalpur 2002-2004.
- Assistant Superintendent Boys Hostel No. 9, University of the Punjab from 6th March 2008 – 2013.
- Assistant Superintendent Boys Hostel No. 7, University of the Punjab from

January 2013 to date.

- November 2006 – Present: Member of examination inspection committee, Zoology department, Punjab University

EXPERIENCED IN:

- Supervision and implementation of the development projects.
- Carp hatchery management;
- Promotion of private fish farming and Sport Fisheries
- Fish conservation.
- Office management.
- Carried out field visits of private fish farms, Fish nurseries / hatcheries of Punjab for fish health management problems.
- Preparation of development/ research projects.

PALAEONTOLOGICAL SKILLS:

- Mammalian taxonomy, anatomy and morphometry.
- Fossil excavation and preparation for taxonomic studies.
- Preparation and mounting of vertebrate skeletons.
- Stuffing and preparation of study skins of birds and mammals for demonstration.
- Preparation of replica (fishes, reptiles) from plaster of Paris and fiber glass for museum display.
- Curation and cataloguing of museum specimens (Fossils and extant fauna).

TRAININGS:

- Attended one-week training course from 19-04-04 to 24-04-04 on *Aquatic pollution* at Fisheries Research and Training Institute (FRTI) Lahore.
- Attended training course from 05-03-03 to 17-03-03 on *Fish Disease and Water Quality Management* at Fisheries Research and Training Institute (FRTI) Lahore.
- Attended training course from 15-01-01 to 27-01-01. *Induced Spawning and Brood Stock Management*, at Fisheries Research And Training Institute (FRTI) Lahore
- Attended training course from 02-11-00 to 31-12-00 on *Fish Hatchery Management and Water Quality Management* at Fisheries Research And Training Institute (FRTI) Lahore
- Attended training course from 16-10-00 to 28-10-00 on *Fish Farm management* at Fisheries Research and Training Institute (FRTI) Lahore.

CONFERENCES PRESENTATIONS/ WORKSHOPS / SEMINARS, ATTENDED AND ORGANIZED

- Presented seminar titled “History of life: Geological time Scale and the Fossil Record” was presented in second National Seminar on Palaeontology held at GCU Faisalabad on 3rd December, 2015.
- Arranged field work for the students of GCU Faisalabad for fossil collection in district Chakwal during second National Seminar on Palaeontology held at GCU Faisalabad on 4th December, 2015.
- Participated in 5th International Fisheries symposium held at pearl continental hotel Lahore on 24-25 Feb. 2015 jointly organized by Punjab Fisheries Society and Punjab Fisheries department.
- 4th International Palaeontological congress titled “The history of life, A view from the Southern Hemisphere” Made oral presentation titled “**An account of the Upper Siwalik rhinocerotids of Pakistan**” held at Mendoza, Argentina, on Sep. 28- Oct. 3, 2014.
- Delivered a lecture titled “**Use of fossils for Biostratigraphic correlation of Rock Strata**” in First National Seminar on Palaeontology held at GCU Faisalabad on 4-5 December, 2014.

- 34th Pakistan Congress of Zoology, (International), BZ University Multan, Feb. 25-27, 2014. Made oral presentation titled “New fossils of *Gaindatherium* (Rhinocerotidae, Mammalia) from the Middle Miocene of Pakistan”.
- 33rd Pakistan Congress of Zoology, (International), Pakistan museum of Natural History, March 2-4, 2013. Made oral presentation titled “Description of lower dentition of *Hispanotherium matritense* from the lower and Middle Siwaliks of Chakwal, Pakistan”.
- 32nd Pakistan Congress of Zoology, (International), Government College University, Lahore, March, 2012. Made oral presentation on” *New remains of Gaindatherium vidali from upper Chinji Formation of the Siwaliks, Pakistan*.”
- Presented poster titled” *Proboscidea from the Upper Siwaliks of Pakistan* ” in 31st Pakistan congress of Zoology international at University of Azad Jammu and Kashmir, Muzaffarabad from 19-21, April 2011.
- 30th Pakistan Congress of Zoology, (International), University of Agriculture Faisalabad, April 19-21, 2011. Made oral presentation on” *Punjabitherium platyrhinus from the Soan Formation of Pakistan*”.
- 29th Pakistan Congress of Zoology, (International), University of Agriculture Faisalabad, March 2-4, 2010. Made oral presentation on” *New remains of Gaindatherium vidali from upper Chinji Formation of the Siwaliks, Pakistan*”.
- 28th Pakistan Congress of Zoology, (International), GCU Faisalabad, March 18-20, 2008. Made oral presentation on” *Brachypotherium perimense from the middle Siwaliks of the Dhok Pathan*”.
- 27th Pakistan Congress of Zoology, (International), BZU Multan, Feb.27-March 01, 2007. Made oral presentation on” *Tilapia introductions in Pakistan: Causes and Consequences*”.
- 26th Pakistan Congress of Zoology, (International), University of the Punjab Lahore, April 4-6, 2006. Made oral presentation on” *Aliens: A catastrophe to the native fresh water fish diversity of Pakistan*”.
- Attended International seminar organized by French embassy titled “French and European contribution to Pakistan Studies (Palaeontology, Archaeology, colonial and post-colonial society and culture and contemporary sciences)” at Quaid-e-Azam University, Islamabad, Made oral presentation titled “**Siwalik Rhinocerotidae: Analysis of new Material.**” Organized by French Embassy, held at Quaid -e- Azam University, Islamabad, on Monday 3 February 2014.
- Attended/ member organizing committee of an international workshop by Aqua Farming consultants; Mr. Peter Vlug; Mr. Gerrit Bertus Schuilenberg; Mr. Charles Gerrit Adolf Campbell, Mr. Shehzad delivered a series of lectures in the Department of Zoology, University of the Punjab, Lahore from 20-22nd March, 2012.
- Member organizing committee Honeybee Farming and Management Training Workshop from March 12-16, 2012, in the Department of Zoology, University of the Punjab, Lahore.
- Attended/ member organizing committee of international seminar and Dr. Peter Thomas, International and Policy Program, Director, Marine Mammal Commission, visited and delivered a lecture in the Department of Zoology, University of the Punjab, Lahore on 05.04.2012.
- Attended seminar on “organizational intelligence” organized by University of the Punjab on June 13, 2011 at Al-Razi Hall.
- Attended a seminar on “1st Wildlife Talks Series” on May 04, 2011, in the Department of Zoology, University of the Punjab, Lahore.
- Attended workshop on January 20, 2011 organized by Fisheries Research and Training Institute Lahore on Fish Nutrition.
- Attended workshop on November 12, 2010 organized by Institute of Quality and

- technology management and HEC titled “Research Management”.
- Attended workshop from 7-9 January, 2010, on “Gender mainstreaming in the project cycle” at Institute of Administrative Sciences, University of the Punjab, Lahore.
 - Attended HEC workshop from 14-16 October, 2008 at university of Sind Jamshoro on “Importance of Paleobotany in Life Sciences”.
 - Attended one day HEC digital library E-Book Workshop on 10th October 2008 at Punjab University Library.
 - Attended workshop “Application of statistics in agriculture research” organized by HEC at Islamia University of Bahawalpur from April 08-10, 2008.
 - Attended videoconference on Fish Breeding and Genetics, jointly organized by UVAS, British Council and university of South Wales Swansea GBR. 27.06.07
 - Organized one day seminar on 22.05.07 in the department of zoology. Lecture delivered by Mr. Gilles Ratia (president international federation of beekeeping) on “Biodiversity and climate change”.
 - Five days Consultancy Workshop on Development of Safari Parks in Punjab to be organized by Punjab Wildlife & Parks Department held at officer mess GOR-1, Lahore from 5th-10th March 2007.
 - Attended videoconference on prospects of Aquaculture in Pakistan jointly organized by UVAS, British Council and university of South Wales Swansea GBR. 21.06.06
 - Attended workshop on “Identification, maintenance and preservation of Microorganisms” at Quaid-i-Azam University Islamabad on 10-12 May, 2004.
 - Attended 2nd Symposium on Untapped Fisheries Resources of Pakistan, Pakistan Fisheries Society, University of Karachi, February 23-25, 2001
 - Attended one day seminar on “Use of Geo-Membrane to control of Seepage in fish pond” at FR&TI, Lahore. 17.10.2001.
 - Attended 1st International Symposium on Fisheries and Aquaculture, Pakistan Fisheries Society, Fisheries Research & Training Institute, Lahore, April 28-29, 2000.
 - Attended one day seminar on “Bio-diversity of Fishes” by Prof. Dr. M.R. Mirza at FR&TI, Lahore. 14.11.2000
 - Attended one day seminar on “Aquatic pollution by heavy metals” By Prof. A.R. Shakoori at FR&TI, Lahore. 23.11.2000.
 - Attended one day seminar on “Importance of Extruder Technology ” by Dr. M. N. Riaz of Michigan state University, USA at PCSIR Laboratories, Lahore on 27.11.2000
 - Attended one day seminar on “Preparation of Artificial feed for fish using Extruder Technology” by Dr. M. N. Riaz of Michigan State University, USA at FR&TI, Lahore. 5.12.2000.

EXTRA-CURRICULAR ACTIVITIES:

- Elected President of Junior Chemical Society Govt. College of Science Wahdat road Lahore. 1993-1995.
- Member cricket team as fast bowler Govt. college of Science, Wahdat road Lahore.
- Certificate of service “The National Cadet Corps” Lahore from 07-10-89 to 27-12-90.
- Member organizing committee 26th, 27th, 28th, 29th, 30th, 31st, 32nd and 33rd Pakistan Congress of Zoology, (International).

MEMBERSHIP / FELLOWSHIP OF PROFESSIONAL BODIES:

- Life Fellow, Zoological Society of Pakistan
- Young Fellow at Executive council Zoological Society of Pakistan.
- Member, Pakistan Fisheries Society.
- Member editorial board “Journal of Natural Sciences” government college university Faisalabad.
- Member editorial board “Punjab University Journal of Zoology” University of the Punjab Lahore.
- **honor:**
- Travel grant awarded by Higher Education Commission (HEC) for Rs. 101,820/- for the oral presentation in the 14th International Conference on Aquatic Invasive Species (ICAIS) on 14-19.5.2006 at for Florida, USA,.
- Prize money worth Rs.50,000./= awarded by Punjab University for successful completion of PhD research project.
- ^{2nd} in order of merit in PPSC examination 2002 for selection of Assistant Director Fisheries (Pathologist).

RESEARCH SUPERVISION:

BS Hons:

1. **Hira Naseer:** New remains of *Gaiotherium browni* from the Chinji Formation of the lower Siwaliks of Pakistan (2005-2009).
2. **Maryam Ijaz:** Studies on the rhinoceros remains from newly discovered Early Late Miocene locality at Lava, district Chakwal, Pakistan (2006-2010).
3. **Fatima Syed:** Description of some new fossil material of *Gaiotherium* from Chinji and Nagri formations of the Siwaliks of Pakistan (2008-2012).
4. **Hafiza Faiza Khursheed:** Anthracotheriidae (Mammalia, Artiodactyla) from the Dhok Pathan Formation of the middle Siwaliks, Pakistan (2009-13).
5. **Hafiza Imrana Naz:** New fossil remains of *Selenoportax vexillarius* from Late Miocene of Pakistan.
6. **Hafiz Muhammad Awais Sarwar:** New fossil remains of *Propotamochoerus hysudricus* and *Hippohyus sivalensis* from Dhok Pathan Formation of Hasnot, Pakistan (2011-2015).
7. **Muhammad Tahir Waseem:** Description of newly discovered fossil remains of Bovidae from Late Miocene of Hasnot, Pakistan (2011-2015).

M.Sc:

8. **Saima Mustafa** (2005-2007): Biochemical analysis of locally available fish feed ingredients.
9. **Asima Shaheen** (2007-09): *Brachypotherium perimense* from the Chinji and Nagri formations of the Siwaliks of Pakistan.
10. **Sidra Bilal** (2008-10): Taxonomic studies of extinct rhinoceros (*Alicornops complanatum*) from the Middle Siwaliks.
11. **Nayab gohar** (2010-12). Some new fossils of *Rhinoceros sondaicus* from Pleistocene of northern Pakistan.
12. **Maria Razaq** (2011-13). *Listriodon* from the Chinji Formation of Lower Siwaliks, Pakistan.
13. **Ayesha Mumtaz** (2012-2014). A taxonomic study on *Sivalhippus nagrienses* from the Middle Siwaliks of the Chakwal District, Punjab, Pakistan.
14. **Kiran Shehzadi** (2013-2015). Description of new material of late Miocene rhinoceros (*Alicornops*) from Dhok Pathan Formation of the Siwaliks, Pakistan

MS/ M.Phil:

15. **Saira Yasmeen** (2009-11): *Anancus sivalensis* from the Upper Siwaliks of Rohtas Fort, district Jhelum, Punjab, Pakistan.
16. **Mudassar Iqbal** (2010-12): Description of some new remains of *Brachypotherium fatehjangense* from the Middle Siwaliks of Pakistan.
17. **Maryam Aslam** (2010-12): *Hipparionine* from the Siwaliks of Pakistan.
18. **Mamoona Khalid** (2011-13): some new remains of *Hispanotherium* from the Chinji Formation of northern Pakistan.
19. **Hufsa Tariq** (2011-13): *Miotragoceros* from Chinji Formation of lower Siwaliks, Pakistan.
20. **Zainab Saeed** (2012-14): *Gazella lydekkeri* from the type locality of Dhok Pathan Formation.
21. **Tahira Iqbal Khan** (2013-2015). The study of lower dentition of *Brachypotherium fatehjangense* from Middle Siwaliks of Pakistan.

ONGOING RESEARCH STUDENTS:

PhD:

- **Ayesha Iqbal:** Systematic Palaeontology and Palaeobiogeography of the Upper Siwalik Mammals of Pakistan (2012-2017).
- **Amtur Rafeh:** (2012-17). The study of Mammalian fauna from the Middle Miocene of Siwaliks of Pakistan.
- **Rana Manzoor Ahmed:** (2012-17). Comparative Analysis of Enamel hypoplasia in the Siwalik Artiodactyls of Pakistan (2012-17).
- **Muhammad Ameen:** Course work & comprehensive examination passed (2014).

MS/ M.Phil: 4

BS. / M.Sc: 3

THESIS EVALUATION AS EXTERNAL EXAMINER:

JOHAM JAVAID: (2010-2012). MS thesis

KAMNI JAVAID: (2010-2012). MS thesis “Study of the avi-fauna both migratory and sedentary species and their ecological linkage in the pond area of Chashma Barrage”.

TAHIRA HUSSAIN: (2010-2012). MS thesis

REVIEWER:

- Punjab University Journal of Zoology.
- Journal of Himalayan Earth Sciences, University of Peshawar.
- Turkish Journal of Fisheries and Aquatic Sciences.
- Journal of Animal and Plant Sciences.

REFERENCES:

PROF. DR. MUHAMMAD AKHTAR

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Dean Life Sciences (Rtd.),

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Dr Abdul Majid Khan

PUBLICATIONS:

1. IQBAL, A., KHAN, A. M., AKHTAR, M., 2015. *Kobus porrecticornis* (Reduncini) from the Upper Siwaliks of Tatrot, Pakistan. *The Journal of Animal and Plant Sciences*, **25** (3): 466-471. **(Impact Factor 0.549)**
2. ROOHI, G., RAZA, S. M., KHAN, A. M., AHMAD, R. M. AND AKHTAR, M., 2015. Enamel Hypoplasia in Siwalik rhinocerotids and its correlation with Neogene climate. *Pakistan Journal of Zoology*, **47**(5): 1433-1443. **(Impact Factor 0.44)**
3. ANSER MAHMOOD CHATTA, ABDUL MAJID KHAN, MUHAMMAD NAEEM KHAN, MUHAMMAD AYUB. 2015. Growth performance of Indus golden mahseer (*Tor macrolepis*) in polyculture with native major carps of Pakistan. *Journal of Animal and Plant Sciences*, **25** (2): 561-566. **(Impact Factor 0.549)**.
4. ALI, Z., ZAHRA, G., KHAN, B. N., ALI, H., BIBI, F. and KHAN, A. M., 2015. Prevalence of Dengue fever during 2011 - 2012 in Punjab. *The Journal of Animal and Plant Sciences*, **25** (3): 348-354. **(Impact Factor 0.549)**
5. ALTAF, M., JAVID, A., KHAN, A. M., UMAIR, M., IRFAN, S., ASHRAF, S., IDNAN, M., HAIDER, M. S. and ALI, Z., 2015. Assessment of water fowl diversity of river Chenab, Pakistan. *The Journal of Animal and Plant Sciences*, **25** (3): 382-388. **(Impact Factor 0.549)**
6. ASLAM, S., KHAN, A. M., AKHTAR, M., 2015. New Collection of *Conohyus sindiensis*, a Middle Miocene suid, from Chakwal, Pakistan. *The Journal of Animal and Plant Sciences*, **25** (3): 461-465. **(Impact Factor 0.549)**
7. CHATTA, A. M., AHMAD, Z., HAYAT, S., NAQVI, S. A. and KHAN, A. M., 2015. Studies on survival of endangered Indus Golden Mahseer (*Tor Macrolepis*) and its impact on growth of other carps. *The Journal of Animal and Plant Sciences*, **25** (3): 542-549. **(Impact Factor 0.549)**
8. ALTAF, M., JAVID, A., KHAN, A. M., HUSSAIN, A., UMAIR, M., and ALI, Z., 2015. The status of fish diversity of river Chenab, Pakistan. *The Journal of Animal and Plant Sciences*, **25** (3): 564-569. **(Impact Factor 0.549)**
9. ABDUL MAJID KHAN, ESPERANZA CERDEÑO, MUHAMMAD AKHTAR, MUHAMMAD AKBAR KHAN, AYESHA IQBAL, MUHAMMAD MUBASHIR, 2014. Description of new Fossils of *Gaioadatherium* from middle Miocene of Pakistan., *Turkish Journal of Earth Sciences* **23**: 452-461. **(Impact factor 1.27)**.
10. M. ALTAF, A. JAVID, IRFAN, M. A. MUNIR, S. ASHRAF, M. UMAIR, K. J. IQBAL, ABDUL MAJID KHAN AND ZULFIQAR ALI, 2014. Diversity and ecology of wild mammalian fauna of Chenab riverine forest, Punjab, Pakistan. *Journal of Animal and Plant Sciences*, **24**(5):1342-1347. **(Impact Factor 0.549)**
11. Abdul Majid Khan, Esperanza Cerdeño, Muhammad Akhtar and Muhammad Akbar Khan., 2013. New *Alicornops* (Rhinocerotidae) remains from Lower and Middle Siwaliks, Pakistan: Rhinocerotid Palaeobiogeography in Pakistan. *Annales De Palaeontologie*, **99** (2), 131–155.
12. Bhatti, Z.H.; Khan, M.A.; Khan, A.M.; Akhtar, M.; Ghaffar, A.; Iqbal, M.; Ikram, T., 2012. "*Giraffokeryx* (Artiodactyla: Mammalia) remains from the lower Siwaliks of Pakistan". *Pak. J. Zool.* **44** (6): 1623–31.
13. Bhatti, Zafar Hameed, Muhammad Akbar Khan, Muhammad Akhtar, Abdul Majid Khan, Abdul Ghaffar, Mahboob Iqbal, and Muhammad Khaled Siddiq., 2012. "*Giraffa punjabiensis* (Giraffidae: Mammalia) from Middle Siwaliks of Pakistan." *Pak. J. Zool.*, **44**(6): 1689-1695.
14. Abdul Majid Khan, Asima Shaheen, Muhammad Akhtar and Muhammad Akbar Khan (2012). New Fossil remains of *Brachypotherium perimense* from the Chinji and Nagri formations of Pakistan. *Journal of Animal and Plant Sciences*, **22**(2): 341-357.
15. Abdul Ghaffar, Muhammad Akhtar, Muhammad Akbar Khan, Abdul Majid Khan and

- Mahboob Iqbal, 2012. Discovery of antler from a new site in the Pinjor Formation (Pleistocene) of Pakistan. *Journal of the Geological Society of India*, 80(1): 119-122.
16. **Khan, A. M.**, Cerdeño, E., Khan, M. A., Ali, M. and Akhtar, M., 2011. *Chilotherium intermedium* (Rhinocerotidae) from the Siwaliks of Pakistan: Systematic implications. *Pakistan journal of Zoology*, 43(4): 651-663.
 17. **Khan, A. M.**, Ali, Z., Shelly, S. Y., Ahmad, Z. and Mirza, M. R., 2011. Aliens; a catastrophe for native fresh water fish diversity in Pakistan. *Journal of Animal and Plant Sciences*, 21(2 Suppl.): 435-440.
 18. Khan, M. A., **Khan, A. M.**, Ghaffar, A., Iqbal, M. and Akhtar, M., 2011. A New Fossil Locality in the Neogene of Lava. *Pakistan journal of Zoology*, 43(1): 61-72.
 19. Ali, Z., Shelly, S.Y., Bibi, F., Joshua, G., **Khan, A. M.**, Khan, B.N. and Akhtar, M., 2011. Peculiarities of Mangla reservoir: biodiversity with sustainable use options. *Journal of Animal and Plant Sciences*, 21(2 Suppl.): 372-380.
 20. Ali, Z., Bibi, F., Shelly, S. Y., Qazi, A. and **Khan, A. M.**, 2011. Comparative avian faunal diversity of Jiwani coastal wetlands and taunsa barrage wildlife sanctuary, Pakistan. *Journal of Animal and Plant Sciences*, 21(2 Suppl.): 381-387.
 21. Ali, Z., Shelly, S. Y., Bibi, F., G. Joshua, G., **Khan, A. M.**, Khan, B. N. and Akhtar, M., 2011. Salt range wetlands complex, exploratory / baseline survey. *Journal of Animal and Plant Sciences*, 21(2 Suppl.): 410-414.
 22. Ghaffar, A., Akhtar, M., Khan, M. A., and **Khan, A. M.**, 2011. *Cervus* cf. *rewati* (Cervidae, Mammalia) from the Pliocene Dhok Pathan Formation (Middle Siwaliks), Pakistan. *Austrian Journal of Earth Sciences*, 104(1): 107-113.
 23. Khan, M. A., Malik, M., **Khan, A. M.**, Iqbal, M. and Akhtar, M., 2009. Mammalian remains in the Chinji type locality of the Chinji Formation: a new collection. *Journal of Animal and Plant Sciences*. 19(4):224-229.
 24. Khan, M. A, **Khan, A. M.**, Farooq, U., Iqbal, M. and Akhtar, M., 2009. *Aceratherium* from the Dhok Pathan Formation of the Middle Siwaliks, Pakistan. *Journal of Animal and Plant Sciences*, 19(1): 50-53.
 25. Farooq, U., Khan, M. A., Akhtar, M., and **Khan, A. M.**, 2008. Lower Dentition of *Dorcatherium majus* (Tragulidae, Mammalia) in the Lower and Middle Siwaliks (Miocene) of Pakistan. *Turkish Journal of Zoology*, 32: 91-98.
 26. Khan, M. A, Akhtar, M., Ghaffar, A., Iqbal, M., **Khan, A. M.** and Farooq, U., 2008. Early ruminants from Dhok Bin Mir Khatoon (Chakwal, Punjab, Pakistan): Systematics, Biostratigraphy and Paleoecology. *Pakistan Journal of Zoology*, 40(6): 457-463.
 27. Khan, M.A., Iqbal, M., Ghaffar, A., **Khan, A. M.** & Akhtar, M. 2008. Collection of *Selenoportax* from the Kundi Wala Kas, Hasnot, Pakistan. *Pakistan Journal of Zoology*, 40(4): 303-307.
 28. Khan, M. A., **Khan, A. M.**, Farooq, U., Iqbal, M., Akhtar, M. and Majeed, A. A., 2008. Some new fossil remains of *Chilotherium* sp. from the Dhok Pathan Formation of the Siwaliks. *Journal of Animal and Plant Sciences*, 18(4): 155-157.
 29. Khan, M.A., **Khan, A. M.**, Iqbal, M., M Akhtar, and Mehboob, S. 2008. Reduncine fossils from the Upper Siwaliks of Tatrot. *Journal of Animal and Plant Sciences*, 18(1): 50-52.
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