

MUHAMMAD AKBAR KHAN (PhD)

PUBLICATIONS

Articles Having Impact Factor

1. Abbas, S.G., Grohé, C., Grossman, A., Mahmood, K., Babar, M. A., Akbar Khan, M. 2025 New fossil Asian palm civets (Carnivora, Viverridae) from the Siwaliks of Pakistan, *Geobios*, 92: 1-12; doi: <https://doi.org/10.1016/j.geobios.2025.05.002>
2. Zulfiqar, S., Aftab, K., Akbar Khan, M., Babar, M. A., Hussain, M. and Shah, S. Z. H. 2025. *Listriodon pentapotamiae* From the Dhok Bun Ameer Khatoon, Siwaliks, Pakistan *Geological Journal*, 2025; 0:1–11 <https://doi.org/10.1002/gj.70052> (in **press**)
3. Akbar Khan, M., Mahmood, K., Abbas, S.G., Babar, M. A., Ahmed, Q., Hanif, M. & Asim, M. 2025. *Anisodon salinus* (Perissodactyla, Chalicotheridae) from the Potwar Plateau, Pakistan. *Paleontological Journal*, 59 (7): 7–15.
4. Ahmed, Q. and Akbar Khan, M. 2025. New proboscidean remains from the Chinji Formation (Middle Miocene) of the Siwaliks, Punjab, Pakistan *Bollettino della Società Paleontologica Italiana*, 64(2): 459-468, doi:10.4435/BSPI.2025.26
5. Tabsum, A. and Akbar Khan, M. 2025. Chalicotheres (Perissodactyla) from the Bhandar Bone Bed (Late Miocene) of Jhelum, Punjab, Pakistan. *Historical Biology*; 37(6): 1494-1499; <https://doi.org/10.1080/08912963.2024.2370014>
6. Akbar Khan, M., Aftab, K., Abbas, S.G., Siddiq, M. K., Mahmood, K., Babar M. A. and Akhtar, M. 2025. *Equus* Remains from the Pleistocene Deposits of Sardhok Pabbi Hills of Pakistan. *Geobios*, 88-89: 153-162.
7. Mahmood K., Morlo M., Abbas S. G., Babar M. A. and Akbar Khan M. 2025. The Lutrinæ (Mustelidae, Carnivora, Mammalia) from Late Miocene to Early Pleistocene deposits of Pakistan. *Geodiversitas* 47 (5): 301-311. <https://doi.org/10.5252/geodiversitas2025v47a5>
8. Sankhyan, A. R., Abbas, S. G., Jasinski, Akbar Khan, M., Mahmood, K. 2025. Rare carnivorous mammals from a diverse fossil assemblage from the Middle Siwaliks of Haritalyangar area, Himachal Pradesh, North India. *Journal of Mammalian Evolution*, 32:14 (1-31); <https://doi.org/10.1007/s10914-025-09749-4>
9. Asim, M., Akbar Khan, M., Abbas, S.G., Nawaz, M. K., Babar, M. A., Ahmed, Q., Mahmood, K. & Akhtar, M. 2025. Mesowear analysis and paleodiets of Middle Miocene artiodactyls from Chakwal, Punjab, Pakistan. *Taiwania*, 70(2): 285-292. DOI: 10.6165/tai.2025.70.
10. Asim, M., Aftab, K., Akbar Khan, M., Abbas, S.G., Babar, M. A., Hussain, M. & Saeed, S. 2024. Middle Miocene “*Giraffa*” from the Chinji Formation of Siwaliks, Pakistan. *Palaeoworld*, 33: 459-468; <https://doi.org/10.1016/j.palwor.2023.03.003>
11. Babar, M.A., Abbas, S.G., Akbar Khan, M. & Akhtar, M. 2024. *Lophochoerus nagrii* (Suidae) from the Siwaliks (Neogene) of Pakistan. *Annales de Paléontologie*, 110: 1-8. <https://doi.org/10.1016/j.annpal.2024.102666>
12. Ríos, M., Abbas, S. G., Akbar Khan, M., and Solounias, N. 2024. A new giraffid *Bramiscus micros* nov. gen. nov. sp. (Ruminantia, Giraffidae) from the Miocene of northern Pakistan. *Palaeontologia Electronica*, 27(2):a29, 1-21. <https://doi.org/10.26879/1243>
13. Akbar Khan, M., Abbas, S.G., Aftab, K., Babar, M.A., Ali, M., Malik, M.F., Zaman, R., 2024. New fossils of *Tragoportax* and *Gazella* from Padhri, Pakistan, and comments on these genera in the Siwaliks. *Historical Biology*, 36(7): 1180-1187; DOI: 10.1080/08912963.2022.2117041

14. Babar, M.A., Abbas, S.G., Akbar Khan, M., Mahmood, K., Jabber, F., Raza, H. & Akhtar, M. 2024. *Propotamochoerus* (Suidae) from the Siwalik Dhok Pathan Formation of Pakistan. *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen*, 311/2: 191-204; DOI: 10.1127/njgpa/2024/1190
15. Mahmood, K., Morlo, M., Akbar Khan, M. & Abbas, S.G., 2024. Late Miocene '*Martes*' *lydekkeri* (Mammalia: Carnivora: Mustelidae) from the Hasnot outcrops Punjab, Pakistan, *Historical Biology*, 36(9): 1767-1776; DOI: 10.1080/08912963.2023.2230590
16. Zaheer, M. and Akbar Khan, M., 2024. The Late Miocene Bovids of Mohal Pati, Jhelum, Punjab, Pakistan. *The Journal of Animal and Plant Sciences*, 34(4): 962-976. [ps://doi.org/10.36899/JAPS.2024.4.0780](https://doi.org/10.36899/JAPS.2024.4.0780)
17. Nawaz, M.K., Akbar Khan, M., Abbas, S.G., Babar, M.A., Mahmood, Gul, Z. & Abbas, A., 2024. Proboscideans from the middle Miocene deposits of Chabbar Syedan in Pakistan. *Alcheringa: An Australasian Journal of Palaeontology*; 48(3): 522-542; <https://doi.org/10.1080/03115518.2024.2350622>
18. Nawaz, M.K., Abbas, S.G., Akbar Khan, M., Babar, M.A., Aftab, K., Ali, M. & Akhtar, M., 2023. Faunal correlation of Middle Miocene locality of Chabbar Syedan with some other localities of Chinji Formation of Siwalik Group. *Paleontological Journal*, 57 (7): 848–856.
19. Mahmood, K., Akbar Khan, M., Abbas, S.G., Babar, M.A. & Asim, M., 2023. Barbouriines from the Middle-Late Miocene of the Siwaliks, Pakistan *Pakistan Journal of Zoology*, 55(6): 2753-2759. <https://dx.doi.org/10.17582/journal.pjz/20221013201049>
20. Sankhyan, A.R., Abbas, S.G., Akbar Khan, M., Babar, M.A., Yasin, A., 2023. Diversity of Hipparionines in the Late Miocene-Pliocene Siwalik Deposits at Haritalyangar, India. *Annales de Paléontologie*, 109(2): 1-13; DOI: <https://doi.org/10.1016/j.annpal.2023.102602>
21. Aftab, K., Shadab, M., Akbar Khan, M., Hussain, M., Babar, M.A., Abbas, S.G., Malik, M.F., Iqbal, R., Arif, A. 2023. New fossils of *Miotragocerus gluten* from the Lower Siwaliks, Pakistan. *Kuwait J. Sci.*, 50 (1A): 1-12.
22. Hanif, M., Rana, N., Akbar Khan, M., Asim, M., Babar, M.A., Abbas, S.G., Gul, Z., Ahmad, Q. & Mehmood, K., 2023. Rhinocerotid Remains from Middle Siwalik Subgroup of Northern Pakistan. *Taiwania* 68(2): 205-216; DOI: 10.6165/tai.2023.68.205
23. Steven E. Jasinski, Abbas, S.G., Mahmood, K., Babar, M.A. & Akbar Khan, M., 2023. New Carnivoran (Mammalia: Carnivora) specimens from the Siwaliks of Pakistan and India and their faunal and evolutionary implications. *Historical Biology*, 35(11): 2217-2252, DOI: 10.1080/08912963.2022.2138376
24. Ríos, M., Abbas, S.G., Akbar Khan, M., Solounias, N., 2022. Distinction of *Sivatherium* from *Libytherium* and a new species of *Libytherium* (Giraffidae, Ruminantia, Mammalia) from the Siwaliks of Pakistan (Miocene). *Geobios*, 74: 67-76. <https://doi.org/10.1016/j.geobios.2022.06.002>
25. Croitor, R., Akbar Khan, M., Abbas, S.G., Babar, M.A. and Akhtar, M., 2022. Description of new Pliocene to Early Pleistocene deer (Cervidae, Mammalia) remains from the Siwalik Hills in Pakistan with a discussion on paleobiogeography of cervids from the Indian subcontinent. *Geobios*, 74: 21-41. <https://doi.org/10.1016/j.geobios.2022.08.001>
26. Israel M. Sánchez, Abbas, S.G., Akbar Khan, M., Babar, M.A., Quirarte Victoria & De Miguel Daniel, 2022. The first Asian record of the mouse-deer *Afrotragulus* (Ruminantia, Tragulidae) reassess its evolutionary history and offers insights on the influence of body

- size on *Afrotragulus* diversification. *Historical Biology*, 34(8): 1544-1559, DOI: 10.1080/08912963.2022.2050719
27. Nawaz, M. K. and Akbar Khan, M. 2022. Enamel hypoplasia analysis of Middle Miocene mammals from Chabbar Syedan, Punjab, Pakistan. *Pakistan Journal of Zoology*, 54(6): 2651-2658. DOI: <https://dx.doi.org/10.17582/journal.pjz/20201226111254>
 28. Aftab, K., Akbar Khan, M., Babar, M.A., Abbas, S.G., Ghaffar, A., Akhtar, M., Iqbal, R. and Afsheen, S. 2022. New hipparionine fossils from the Dhok Pathan Formation of Punjab, Pakistan. *Historical Biology*, 34(7): 1218-1227, DOI: <https://doi.org/10.1080/08912963.2021.1970152>
 29. Dar, F. Y., Aftab, K., Abbas, S.G., Babar, M.A., Asim, M., Akbar Khan, M. and Akhtar, M. 2022. A supplementary report of the Pleistocene bovids from the Pabbi Hills of Pakistan. *Geological Journal*, 57(1): 462-472. DOI: 10.1002/gj.4309
 30. Nawaz, M.K. Aftab, K., Akbar Khan, M., Abbas, S.G., Asim, M., Babar, M.A., Hussain, M. and Akhtar, M. 2022. Mesowear and paleodiets of Middle Miocene mammals from Chabbar Syedan, Punjab, Pakistan. *The Journal of Animal and Plant Sciences*, 32(1): 60-68.
 31. Akbar Khan, M., Babar, M.A. and Rios, M. 2021. New Material of *Bramatherium grande* from the Siwaliks of Pakistan sheds light on dental intra-clade morphological variability of Late Miocene sivatheres. *Journal of Vertebrate paleontology*, (41)1: 1-12. DOI: <https://doi.org/10.1080/02724634.2021.1898976>
 32. Babar, M.A., Aftab, K., Akbar Khan, M., Abbas, S.G., Asim, M. and Akhtar, M. 2021. *Tetraconodon* and *Sivachoerus* (Suidae) from the Potwar Plateau, northern Pakistan. *Arabian Journal of Geosciences*, 14(2473): 1-8. DOI: <https://doi.org/10.1007/s12517-021-08684-X>
 33. Akbar Khan, M., Asim, M., Babar, M.A., Abbas, S.G., Nawaz, M.K. and Ahmad, Q. 2021 New Remains of *Gazella* (Bovidae) from Middle Miocene, Pakistan. *Arabian Journal of Geosciences*, 14(1703): 1-8. DOI: <https://doi.org/10.1007/s12517-021-07885-8>
 34. Abbas, S.G., Babar, M.A., Akbar Khan, M., Nisa, B.U., Nawaz, M.K. and Akhtar, M. 2021. New proboscidean material from the Siwalik Group of Pakistan with remarks on some species. *PaleoBios*, 38: 1-12 (<https://escholarship.org/uc/item/1877k1mz>).
 35. Croitor, R., Abbas, S.G., Babar, M.A. and Akbar Khan, M. 2021. A new deer species (Cervidae, Mammalia) from the Upper Siwaliks (Pakistan). *Quaternary International*, 595: 1-11. DOI: <https://doi.org/10.1016/j.quaint.2021.03.009>.
 36. Abbas, S.G., Babar, M.A., Akbar Khan, M., Hussain, I., Akhtar, M., Yasin, A. and Khalid, M. 2021. *Tragoportax* and *Miotragoceros* from Nagri Formation type locality, Siwalik Group, Pakistan (early Late Miocene): Taxonomic problems and hypotheses regarding their resolution. *Annales de Paléontologie*, 107(3): 1-9.
 37. Siddiq, M.K., Babar, M.A., Akbar Khan, M., Ijaz, M.U., Abbas, S.G., Qureshi A.M., Iqbal, M. and Akhtar, M. 2021. The presence of *Bubalus platyceros* (Bovidae: Mammalia) in the Sardhok Pabbi Hills of Pakistan. *Pakistan Journal of Zoology*, 53 (6): 2157-2165.
 38. Akbar Khan, M., Dar. F. Y., Flynn, L. J., Abbas, S. G., Babar, M. A., Akhtar, M., Zahra, H. and Amanat, H. 2020. The Upper Siwaliks east of Jhelum, Pakistan: A New Large Quaternary Mammal Assemblage from the Pabbi Hills and Reconnaissance near Bhimbar. *Quaternary International*, 568: 20-35.

39. Akbar Khan, M., Kelley, J., Flynn, L.J., Babar, M.A. and Jablonski, N.G. 2020. New fossils of *Mesopithecus* from Hasnot, Pakistan. *Journal of Human Evolution*, 145: 1-11.
40. Akbar Khan, M. and Asim, M. 2020. Middle Miocene *Giraffokeryx* (Giraffidae) with Marks of Enamel Hypoplasia from Dhok Bun Amir Khatoon, Punjab, Pakistan. *Arabian Journal of Geosciences*, 13(37): 1-9.
41. Asim, M., Aftab, K., Akbar Khan, M., Babar, M.A., Abbas, S.G., Akhtar, M. and Qureshi, A. M. 2020. *Merycopotamus* (Anthracotheriidae: Artiodactyla) from Middle Miocene of Potwar Plateau, Pakistan. *The Journal of Animal and Plant Sciences*, 30(6): 1435-1441.
42. Siddiq, M. K., Dar, F. Y., Akbar Khan, M., Babar, M. A., Abbas, S. G., Mudassir, M. and Akhtar M. 2020. Antilopes (Mammalia) from Pabbi Hills of Sardhok, Pakistan. *Pakistan J. Zool.*, 52(1): 263-271.
43. Asim, M., Ahmad, Z. Akbar Khan, M., Babar, M. A., Abbas, S. G., Nawaz, M. K., Aftab, K. and Akhtar, M. 2020. *Tragoportax* cf. *salmontanus* (Bovidae, Mammalia) from the Middle Miocene of Pakistan. *Pakistan J. Zool.*, 52(5): 1817-1823.
44. Mahmood, K. and Akbar Khan, M. 2020. Miocene Hyaenids (Hyaenidae; Carnivora) from Siwaliks of Pakistan. *Palaeoworld*, 29: 761-768.
45. Abbas, S. G., Akbar Khan, M., Babar, M. A. and Akhtar, M. 2019. New remains of Elephantidae from the Upper Siwalik subgroup (Plio-Pleistocene) of Pakistan. *Quaternary Science Reviews*, 224: 1-14.
46. Ahmad, Z. Aftab, K., Azad, S., Akbar Khan, M. 2019. New Remains of *Microstonyx* (Suidae, Artiodactyls) from the Miocene of Pakistan. *The Journal of Animal and Plant Sciences*, 29(5): 1485-1490.
47. Asim, M., Babar, M. A., Aftab, K., Akbar Khan, M., Abbas, S. G., Shahid, R., Akhtar M. 2019. Some New Remains of Tragulidae (Mammalia: Ruminantia) from the Middle Siwaliks of Pakistan. *Journal of Animal and Plant Sciences*, 29(6): 1784-1792.
48. Dar, F. Y., Aftab, K., Babar, M. A., Akbar Khan, M., Abbas, S. G., Shahid, R. and Asim, M. 2019. New fossils of Suidae (Mammalia) from Dhok Pathan Formation of Siwaliks, Northern Pakistan. *The Journal of Animal and Plant Sciences*, 29(4): 1198-1203.
49. Nawaz, M. K., Abbas, S. G., Akbar Khan, M., Babar, M. A., Asim, M., Shahid, R., Akhtar M. 2019. Middle Miocene Suids from Chinji Formation of Chabbar Syedan, Punjab, Pakistan. *Pakistan J. Zool.*, 51(4): 1343-1353.
50. Ghaffar, A., Akhtar, M., Akbar Khan, M. and Babar, M. A. 2019. Comments on *Percrocuta carnifex* based on the new fossil material from the Nagri Formation (Middle Siwaliks) Hasnot, Pakistan. *Geologica Acta*, 17(3): 1-9.
51. Aftab, K., Asim, M., Nawaz, M. K., Babar, M. A., Akbar Khan, M., and Ahmad, Z. 2019. New *Giraffokeryx* and *Giraffa* (Ruminantia, Giraffidae) dental material from Lower Siwaliks of northern Pakistan. *Pakistan J. Zool.*, 51(1): 177-188.
52. Akbar Khan, M. 2018. *Hexaprotodon* (Mammalia, Hippopotamidae) from Pinjor Formation of Bhimber, Azad Kashmir, Pakistan. *Pakistan J. Zool.*, 50(4): 1367-1372.
53. Babar, M. A., Abbas, S.G., Akbar Khan, M., Aftab, K., Hanif, M., Asim, M. and Akhtar, M. 2018. New cervid (Artiodactyla) Fossils from Middle Siwaliks of Pakistan. *Pakistan J. Zool.*, 50(4): 1489-1495.

54. Babar, M. A., Aftab, K., Akbar Khan, M., Batool, T., Abbas, S.G., Shahid, R. and Akhtar, M. 2018. *Pachyportax* (Bovidae: Ruminantia) from Dhok Pathan Formation of Siwaliks. *The Journal of Animal and Plant Sciences*, 28(2): 508-514.
55. Abbas, S. G., Babar, M. A., Akbar Khan, M., Aftab, K., Riaz, A., Ghaffar, A. and Akhtar, M., 2018. Fossil Bovidae from the Late Miocene Dhok Pathan Formation of Siwaliks, northern Pakistan. *Pakistan J. Zool.*, 50(1): 217-228.
56. Akbar Khan, M. and Flynn, L.J., 2017. New small mammals from the Hasnot–Tatrot area of the Potwar Plateau, northern Pakistan. *Palaontologische Gesellschaft*, 91: 589-599.
57. Siddiq, M. K., Riaz, A., Akbar Khan, M., Babar, M. A., Mahmood, K. and Akhtar, M., 2017. Fossils of *Boselaphus* (Bovini: Bovidae: Ruminantia) from Sardhok Pleistocene of Pakistan. *Pakistan J. Zool.*, 49(6): 2327-2330.
58. Hanif, M., Rana, N., Akbar Khan, M., Javed, M. and Khan M. S., 2017. New Hipparionine (Perissodactyla) Fossils from Potwar Plateau of Pakistan. *Pakistan J. Zool.*, 49(5): 1693-1700.
59. Akbar Khan, M., Abbas, S. G., Babar, M. A., Kiran, S., Riaz, A., Akhtar, M., 2017. *Dorcatherium* (Mammalia, Tragulidae) from Lower Siwaliks of Dhok Bun Amir Khatoon, Punjab, Pakistan. *Pakistan J. Zool.*, 49(3): 883-888.
60. Ghaffar, A., Siddiq, M. K., Akhtar, M., Akbar Khan, M., Khan, A. M., Azeem, M. I., 2017. Antler remains (Cervidae, Artiodactyla, Mammalia) from a new locality in the Pinjor Formation (1.6-0.8 Ma), Pakistan. *Revista Brasileira de Paleontologia*, 20(1): 23-30.
61. Akbar Khan, M., Babar, M. A., Akhtar, M., Iliopoulos, G., Rakha, A. & Noor, T., 2016. *Gazella* (Bovidae, Ruminantia) remains from the Siwalik Group of Pakistan. *Alcheringa*, 40: 182-196.
62. Aftab, K., Akbar Khan, M., Ahmad, Z., Akhtar, M., 2016. *Progiraffa* (Artiodactyla: Ruminantia: Giraffidae) from the Lower Siwalik Subgroup (Miocene) of Pakistan. *Alcheringa*, 40(2): 207-215.
63. Batool, A., Khan, M. A., Babar, M. A., Mahmood, K., Akhtar, M., 2016. New Bovid fossils from the Late Miocene Hasnot (Siwaliks, Pakistan). *Palaeoworld*, 25: 453-464. <http://dx.doi.org/10.1016/j.palwor.2015.10.002>.
64. Babar, M. A., Akbar Khan, Munwar, I., Mahmood, K., Abbas, S. G., Akhtar, M., 2016. *Sivalhippus nagriensis* (Equidae, Mammalia) from Dhok Pathan Formation of Siwaliks, Pakistan. *The Journal of Animal and Plant Sciences*, 26(4): 1172-1177.
65. Siddiq, M. K., Akbar Khan, M. & Akhtar, M., 2016. *Bos* (Mammalia: Bovidae) from the Pinjor Formation of Sardhok, Pakistan. *Pakistan J. Zool.*, 48(4): 1071-1075.
66. Aftab, K., Akbar Khan, M., Babar, M. A., Ahmad, Z., Akhtar, M., 2016. *Giraffa* (Giraffidae, Mammalia) from the Lower Siwaliks of Pakistan. *The Journal of Animal and Plant Sciences*, 26(3): 833-841.
67. Siddiq, M. K., Akhtar, M., Akbar Khan, M., Ghaffar, A., Sarwar, K. & Khan, A. M., 2016. New Fossils of *Rhinoceros* (Rhinocerotidae) from the Soan Formation (Plio-Pleistocene) of Northern Pakistan. *Pakistan J. Zool.*, 48(3): 657-664.
68. Akbar Khan, M., Aziz, H., Gul, S., Babar, M. A., Mahmood, K. & Akhtar, M., 2015. New Hipparionine (Equidae) remains from Dhok Pathan Formation of Siwaliks, Pakistan. *Pakistan J. Zool.*, 47(6): 1617-1624.
69. Aftab, K., Ahmad, Z., Khan, M. A., Akhtar, M., 2015. Additional *Giraffokeryx* Remains (Artiodactyla: Ruminantia: Giraffidae) from the Chinji Formation of Lower Siwaliks, Northern Pakistan. *Pakistan J. Zool.*, 47(5): 1393-1403.
70. Batool, A., Khan, M. A., Qureshi, N. A., 2015. New fossils of Suidae (Mammalia: Artiodactyla) from the Hasnot Late Miocene, northern Pakistan. *The Journal of Animal and Plant Sciences*, 25(2): 578-590.

71. Mahmood, K., Akbar Khan, M., Siddiq, M. K., Babar, M. A. and Akhtar, M., 2015. New fossils of *Giraffokeryx* (Mammalia: Cetartiodactyla: Giraffidae) from Chinji Formation, Pakistan. *Pakistan J. Zool.*, 47(2): 367-375.
72. Ghaffar, A., Akhtar, M., Akbar Khan, M. & Siddiq, M. K., 2015. New fossil remains of family Cervidae from the Dhok Pathan Formation (Middle Siwaliks) of Pakistan. *Geosciences Journal*, 19(4): 631-639. DOI 10.1007/s12303-015-0001-x.
73. Akbar Khan, M., Akhtar, M. & Iliopoulos, G., 2014. Cervid remains from the Middle Siwaliks of Hasnot (late Miocene), northern Pakistan. *Journal of Geological Society of India*, 84: 352-360.
74. Akbar Khan, M., Akhtar, M. & Irum, A., 2014. *Bramatherium* from the Middle Siwaliks of Hasnot, northern Pakistan. *Turkish Journal of Earth Sciences*, 23: 308-320.
75. Akbar Khan, M. & Akhtar, M., 2014. Antilopes (Mammalia, Ruminantia, Bovidae) from the Upper Siwaliks of Tatrot, Pakistan, with description of a new species. *Paleontological Journal*, 48(1): 79-89.
76. Akbar Khan, M., Iqbal, J., Ali, S., & Akhtar, M., 2014. New remains of *Tragoportax* (Boselaphini, Bovidae, Mammalia) from the Middle Siwaliks of Dhok Pathan, Northern Pakistan. *Pakistan J. Zool.*, 46(2): 463-470.
77. Akbar Khan, M., Ali, S., Iqbal, J. & Akhtar, M., 2014. Some New Remains of Hipparionine (Equidae, Mammalia) from Dhok Pathan Upper Miocene, Northern Pakistan. *Pakistan J. Zool.*, 46(2): 347-354.
78. Batool, A., Akbar Khan, M., Akhtar, M. and Qureshi, N. A., 2014. New remains of tragulids (Mammalia, Tragulidae) from the Dhok Pathan Formation of Hasnot (Late Miocene), Pakistan. *Pakistan J. Zool.*, 46(5): 1323-1336.
79. Aftab, K., Ahmad, Z., Khan, M. A., Akhtar, M., 2014. *Giraffokeryx* (Artiodactyla: Ruminantia: Giraffidae) from the Potwar Plateau Middle Miocene, Pakistan. *The Journal of Animal and Plant Sciences*, 24(4): 1091-1100.
80. Siddiq, M. K., Akbar Khan, M. & Akhtar, M., 2014. *Proamphibos* (Bovini: Bovidae: Ruminantia) from Sardhok Pleistocene of Pakistan. *Pakistan J. Zool.*, 46(4): 897-908.
81. Khan, A. M., Cerdano, E., Akhtar, M., Akbar Khan, M., Iqbal, A. & Mubashir, M., 2014. New fossils of *Gaindatherium* (Rhinocerotidae, Mammalia) from the Middle Miocene of Pakistan. *Turkish Journal of Earth Sciences*, 23: 452-461.
82. Akbar Khan, M., Raza, A., Batool, A., Nayyer, A. Q., Akhtar, M. and Rubab, K., 2013. New boselaphine remains from the Dhok Pathan Formation of the Middle Siwaliks, northern Pakistan. *Pakistan J. Zool.*, 45(5): 1377-1385.
83. Akbar Khan, M., Iqbal M., Nayyer, A. Q. and Akhtar, M., Shahzadi, M. and Mahmood, K., 2013. *Tetraconodon* (Mammalia: Artiodactyla: Suidae) from the Late Miocene Dhok Pathan Formation of Pakistan. *Pakistan J. Zool.*, 45(4): 975-980.
84. Akbar Khan, M., Batool, A., Nayyer, A. Q. and Akhtar, M., 2013. *Gazella lydekkeri* (Cetartiodactyla: Ruminantia: Bovidae) from the Middle Siwaliks of Hasnot (Late Miocene), Pakistan. *Pakistan J. Zool.*, 45(4): 981-988.
85. Akbar Khan, M. & Akhtar, M., 2013. Tragulidae (Artiodactyla, Ruminantia) from the Middle Miocene Chinji Formation of Pakistan. *Turkish Journal of Earth Sciences*, 22: 339-353.
86. Khan, A. M., Cerdano, E., Akbar Khan, M. & Akhtar, M., 2013. New *Alicornops* (Rhinocerotidae) remains from Lower and Middle Siwaliks, Pakistan. *Annales de Paléontologie*, 99: 131-155.
87. Bhatti, Z. H., Akbar Khan, M., Akhtar, M., Khan, A. M., Ghaffar, A., Iqbal, M. & Ikram, T., 2012. *Giraffokeryx* (Artiodactyla-Mammalia) remains from the Lower Siwaliks of Pakistan. *Pakistan Journal of Zoology*, 44(6): 1623-1631.

88. Bhatti, Z. H., Akbar Khan, M., Akhtar, M., Khan, A. M., Ghaffar, A., Iqbal, M., Siddiq, M. K. 2012. *Giraffa punjabiensis* (Giraffidae: Mammalia) from Middle Siwaliks of Pakistan. *Pakistan Journal of Zoology*, 44(6): 1689-1695.
89. Ali, M., Akbar Khan, M. & Akhtar, M., 2012. New fossils of *Elachistoceras* (Bovidae, Mammalia) from the Chinji Formation (Middle Miocene) of Pakistan. *Pakistan Journal of Zoology*, 44(4): 909-913.
90. Akbar Khan, M., Akhtar, M., Iliopoulos, G. & Hina, 2012. Tragulids (Artiodactyla, Ruminantia, Tragulidae) from the Middle Siwaliks of Hasnot (late Miocene), Pakistan. *Rivista Italiana di Paleontologia e Stratigrafia*, 118(2): 325-341.
91. Bhatti, Z. H., Akbar Khan, M. & Akhtar, M., 2012. *Hydasphitherium* (Artiodactyla, Giraffidae) from the Dhok Pathan Formation of the Middle Siwaliks, Pakistan: New Collection. *Pakistan Journal of Zoology*, 44(3): 799-808.
92. Ghaffar, A., Akhtar, M., Akbar Khan, M., Khan, A. M., Samiullah K. & Iqbal, M. 2012. Discovery of antler from a new site in the Pinjor Formation (Pleistocene) of Pakistan. *Journal of the Geological Society of India*, 80: 119-122.
93. Khan, A. M., Akhtar, M., Akbar Khan, M. & Shaheen, A., 2012. New fossil remains of *Brachypotherium perimense* from the Chinji and Nagri formations of Pakistan. *The Journal of Animal and Plant Sciences*, 22(2): 347-352.
94. Akbar Khan, M., Naseem, S., Ikram, T., Ghafoor, A. & Akhtar, M., 2011. Dental remains of early bison from the Tatrot Formation of the Upper Siwaliks, Pakistan. *The Journal of Animal and Plant Sciences*, 21(4): 862-867.
95. Iqbal, M., Saleem, I., Ali, Z., Akbar Khan, M. & Akhtar, M., 2011. Bird ecology from the Ravi river of Lahore: Habitat Degradation. *The Journal of Animal and Plant Sciences*, 21(4): 817-821.
96. Akbar Khan, M. & Akhtar, M., 2011. *Dorcatherium* cf. *nagrii* from the Chinji Type Locality (Chakwal, northern Pakistan) of the Chinji Formation, Lower Siwaliks, Pakistan. *Pakistan Journal of Zoology*, 43(6): 1101-1109.
97. Khan, A. A., Akbar Khan, M., Iqbal, M., Akhtar, M. & Sarwar, M., 2011. *Sivatherium* (Artiodactyla, Ruminantia, Giraffidae) from the Upper Siwaliks, Pakistan. *The Journal of Animal and Plant Sciences*, 21(2): 202-206.
98. Ghaffar, A., Akhtar, M., Akbar Khan, M., Butt, M. J. & Khan, A. M., 2011. *Cervus* cf. *rewati* (Cervidae, Mammalia) from the Dhok Pathan Formation (Middle Siwaliks), Pakistan. *Austrian Journal of Earth Sciences*, 104(1): 107-113.
99. Akbar Khan, M. & Akhtar, M., 2011. *Proamphibos kashmiricus* (Bovini: Bovidae: Mammalia) from the Pinjor Formation of Pakistan. *Pakistan Journal of Zoology*, 43(4): 615-621.
100. Khan, A. M., Cerdino, E., Akbar Khan, M., Akhtar, M. & Ali, M., 2011. *Chilotherium intermedium* (Rhinocerotidae, Mammalia) from the Siwaliks of Pakistan: Systematic Implications. *Pakistan Journal of Zoology*, 43(4): 651-663.
101. Akbar Khan, M., Akhtar, M., Rohi, G., Iqbal, M. & Samiullah, K., 2011. *Sivaceros gradiens* Pilgrim 1937 (Mammalia, Bovidae, Boselaphini) from the Lower Siwaliks of Dhok Bun Amir Khatoon, Chakwal, Pakistan: Systematics and Biostratigraphy. *Turkish Journal of Zoology*, 35(2): 281-286.
102. Akbar Khan, M., Iliopoulos, G., Akhtar, M., Ghaffar, A. & Zubaid-ul-Haq, 2011. The longest tusk of cf. *Anancus sivalensis* (Proboscidea, Mammalia) from the Tatrot Formation of the Siwaliks, Pakistan. *Current Science*, 100(2): 249-255.
103. Akbar Khan, M., Akhtar, M., Khan, A. M., Ghaffar, A., Iqbal, M. & Samiullah K., 2011. New Fossil Locality in the Middle Miocene of Lava from the Chinji Formation of the Lower Siwaliks. *Pakistan Journal of Zoology*, 43(1): 61-72.

104. Akbar Khan, M., Manzoor, F., Ali, M., Bhatti, Z. H. & Akhtar, M., 2011. A new collection of Hipparionine from the type locality of the Dhok Pathan Formation of the Middle Siwaliks. *The Journal of Animal and Plant Sciences*, 21(1): 83-89.
105. Ghaffar, A., Akhtar, M., Butt, M.J., Akbar Khan, M. & Ikram, T., 2011. Late Miocene hyaenids from the Middle Siwaliks of Pakistan. *Pakistan Journal of Zoology*, 43(5): 855-862.
106. Akbar Khan, M., Kostopoulos, D. S., Akhtar, M. & Nazir, M., 2010. *Bison* remains from the Upper Siwaliks of Pakistan. *Neues Jahrbuch für Geologie und Paläontologie*, 258(1): 121-128.
107. Samiulla, K., Akbar Khan, M. & Akhtar, M., 2010. Cheek teeth of *Listriodon pentapotamiae* from the Lower Siwalik Hills of Punjab, Pakistan. *The Journal of Animal and Plant Sciences*, 20(4): 271-276
108. Khan, A. M., Habib, A., Akbar Khan, M., Ali, M. & Akhtar, M., 2010. New Remains of *Brachypotherium fatehjangense* from Lower Siwalik Hills, Punjab, Pakistan. *The Journal of Animal and Plant Sciences*, 20(2): 79-82.
109. Ghafoor, A., Akbar Khan, M., Ansar, M., Amjad, I., Khan, M. S. & Ashraf, M., 2010. Morning responses of *Calliphorid* and *Sarcophagid* prepupae towards different pupation materials. *The Journal of Animal and Plant Sciences*, 20(4): 271-276.
110. Akbar Khan, M., Iliopoulos, G. & Akhtar, M., 2009. Boselaphines (Artiodactyla, Ruminantia, Bovidae) from the Middle Siwaliks of the Hasnot, Pakistan. *Geobios*, 42: 739-753.
111. Akbar Khan, M., Iqbal, M., Akhtar, M. & Hassan, M., 2009. Chalicotheres in the Siwaliks of Pakistan. *Pakistan Journal of Zoology*, 41(6): 429-435.
112. Akbar Khan, M., Akhtar, M., Ghaffar, A., Iqbal, M., Khan, A. M. & 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.
113. Akbar Khan, M., 2008. Fossil bovids from the late Miocene of Padri, Jhelum, Pakistan. *Pakistan Journal of Zoology*, 40(1): 25-29.
114. Akbar Khan, M., 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.
115. Farooq, U., Akbar Khan, M., Akhtar, M. & 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.
116. Akbar Khan, M., Ghaffar, A., Farooq, U. & Akhtar, M., 2007. New Fossils remains of *Selenoportax vexillarius* from the Late Miocene of Hasnot. *Pakistan Journal of Zoology*, 39(5): 333-338.
117. Farooq, U., Akbar Khan, M., Akhtar, M. & Khan, A. M., 2007. *Dorcabune anthracotherioides* (Artiodactyla, Ruminantia, Tragulidae) from Hasnot, the Middle Siwaliks, Pakistan. *Pakistan Journal of Zoology*, 39(6): 353-360.

National HEC Recognized Journal

118. Ghaus, A., Mahmood, K., Akbar Khan, M., Asim, M., Shadab, M., Babar, M.A., 2024. Mesowear and paleodiet analysis of middle Miocene artiodactyls from Kanhatti, Punjab, Pakistan. *BioSci Rev.* 6(3): 84-96; <https://doi.org/10.32350/bsr.63.05>
119. Ikram, T., Arif, A., Babar, M.A., Mahmood, K., Asim, M., Akbar Khan, M. & Akhtar, M., 2023. New mammalian remains from the middle Miocene of Bhilomar, Punjab, Pakistan. *Pak. J. Sci. Ind. Res. Ser. B:Bio. Sci.* 66B(2): 101-106.

120. Mahmood, K., Lodhi, A., Asim, M., Babar, M.A. & Akbar Khan, M., 2022. New fossil material of bovidae (Mammalia) from Dhok Pathan formation of Northern Pakistan. *Biologia (Pakistan)*, 68(2): 40-46; <https://dx.doi.org/10.17582/journal.Biologia/2022/68.2.40.46>
121. Mahmood, K., Akram, H. S., Ahmad, Z., Babar, M. A., Abbas, S. G., Asim, M., Akbar Khan, M. and Akhtar, M. 2019. New Fossils of *Pachyportax* (Bovidae, Mammalia) from Middle Siwaliks, Punjab, Pakistan. *Biologia (Pakistan)*: 65(1): 73-76.
122. Zaheer, M., Mahmood, K., Babar, M.A. and Akbar Khan M., 2017. New Fossils of Bovids (Bovidae, Mammalia) from Dhok Pathan Formation of Siwaliks. *Biologia (Pakistan)*: 63(2): 199-204.
123. Ikram, T., Safdar, F., Babar, M.A., Asim, M., Mahmood, K. and Akbar Khan, M., 2017. Fossil molars of *Pachyportax* (Boselaphini, Bovidae) from Middle Siwalik Subgroup of Pakistan. *Biologia (Pakistan)*: 63(2): 147-150.
124. Siddiq, M. K., Akbar Khan, M., Babar, M. A., Mahmood, K. & Akhtar, M., 2016. *Hemibos* (Bovini: Bovidae: Ruminantia) from Sardhok Pleistocene of Pakistan. *Biologia (Pakistan)*: 62(2): 305-311.
125. Abbas, S. G., Akbar Khan, M., Babar, M. A., Shahid, R., Nawaz, M. K. & Akhtar, M., 2016. Some New Fossils of *Protanancus chinjiensis* (Proboscidea, Mammalia) from Middle Miocene of Pakistan. *Biologia (Pakistan)*: 62(2): 345-349.
126. Ikram, T., Salamat, A., Akbar Khan, M., Babar, M.A., Mahmood, K., Shahid, R. and Akhtar, M., 2016. Additional Fossils of *Sivalhippus perimensis* (Mammalia, Equidae) from the Late Miocene Siwaliks of Pakistan. *Punjab Univ. J. Zool.*, 31(2): 137-141.
127. Ikram, T., Mumtaz, R., Babar, M. A., Shahid, R., Abbas, S. A., Mahmood, K., Akbar Khan, M. & Akhtar, M., 2016. New Boselaphini (Mammalia) remains from the Middle Siwaliks of Pakistan. *Biologia (Pakistan)*: 62(1): 145-150.
128. Siddiq, M. K., Akbar Khan, M., Mahmood, K., Babar, M. A. & Akhtar, M., 2016. Some New Remains of *Hexaprotodon* (Mammalia, Hippopotamidae) from the Pinjor Formation of Sardhok, Pakistan. *Sci. Int. (Lahore)*, 28(3): 2581-2584.
129. Ikram, T., Ansari, R., Akbar Khan, M., Babar, M. A., Shahid, R., Mahmood, K. & Akhtar, M., 2016. Additional fossils of *Sivalhippus theobaldi* (Mammalia, Equidae) from the Middle Siwaliks of Pakistan. *Sci. Int. (Lahore)*, 28(3): 2629-2632.
130. Ikram, T., Akbar Khan, M., Siddique, M. K., Babar, M. A., Mahmood, K., Aziz, S. & Akhtar, M., 2015. New Equidae remains from Dhok Pathan Formation of Siwaliks, Pakistan. *Biologia (Pakistan)*: 61(2): 325-328.
131. Babar, M. A., Mazhar, S., Akbar Khan, M., Siddique, M. K., Mahmood, K. & Akhtar, M., 2015. Fossils of *Gazella* from Dhok Bun Amir Khatoon Chinji Formation of Pakistan. *Biologia (Pakistan)*: 61(2): 339-341.
132. Aslam, S., Iqbal, A., Khan, A. M., Akbar Khan, M., Mahmood, K. & Akhtar, M., 2015. New Fossil remains of *Stegodon bombifrons* (Proboscideans) from the Pinjor Stage Soan Formation of Pakistan. *Biologia (Pakistan)*: 61(1): 101-106.
133. Akbar Khan, M., Jamil, M., Mahmood, K., Babar, M. A., Akhtar, M., and Abbas, S.G., 2014. Some New Remains of Cervids (Cervidae, Ruminantia) from

Tatrot Formation of Northern Pakistan. *Biologia (Pakistan)*: 60(2): 225-230.

134. Iqbal, A., Babar, M. A., Akbar Khan, M., Akhtar, M., Fatehullah, A., Abbas, S. G. and Iqbal, M. 2014. Some New Fossils of Reduncini (Bovidae, Ruminantia) from Tatrot Formation Pliocene of Northern Pakistan. *Biologia (Pakistan)*: 60(2): 261-266.
135. Akbar Khan, M., Iqbal, M., Nayyer, A. Q., Sulehria, A. Q. K., Tabassum, F. and Akhtar, M., 2013. Some new remains of Bovini from the Pinjor Formation Khural Sharif (Pleistocene) of the Upper Siwaliks, Pakistan. *Biologia (Pakistan)*, 59(2): 267-273.
136. Aftab, K., Ahmad, Z., Akbar Khan, M. and Akhtar, M., 2013. New remains of *Giraffa priscilla* from Parrhewala Chinji Formation, northern Pakistan. *Biologia (Pakistan)*, 59(2): 233-238.
137. Akbar Khan, M., Butt, S. S., Khan, A. M. & Akhtar, M., 2010. A New Collection of *Giraffokeryx punjabensis* (Giraffidae, Ruminantia, Artiodactyla) from the Lehri Outcrops, Jhelum, Northern Pakistan. *Pakistan Journal of Science*, 62(2): 120-123.
138. Akbar Khan, M., Iqbal, M. & Akhtar, M., 2009. *Hemibos* (Bovini, Bovidae, Mammalia) from the Pinjor Formation of Pakistan. *The Journal of Animal and Plant Sciences*, 19(2): 98-100.
139. Akbar Khan, M., Iqbal, M., Ghaffar, A. & Akhtar, M., 2009. *Proamphibos* (Bovini, Bovidae, Mammalia) from the Tatrot Formation in the Upper Siwaliks of Pakistan. *The Journal of Animal and Plant Sciences*, 19(2): 104-107.
140. Akbar Khan, M., Khan, A. M., Farooq, U., Iqbal, M. & Akhtar, M., 2009. *Aceratherium* from the Dhok Pathan Formation of the Middle Siwaliks, Pakistan. *The Journal of Animal and Plant Sciences*, 19(1): 50-53.
141. Iqbal, M., Liaqat, A., Akbar Khan, M. & Akhtar, M., 2009. Some New Remains of *Hipparion* from the Dhok Pathan Type Locality, Pakistan. *The Journal of Animal and Plant Sciences*, 19(3): 154-157.
142. Ghaffar, A., Akbar Khan, M. & Akhtar, M., 2009. Predator-Prey Relationship (Cervidae & Carnivora) and its Impact on Fossil Preservation from the Siwaliks of Pakistan. *The Journal of Animal and Plant Sciences*, 19(1): 54-57.
143. Akbar Khan, M., Malik, M., Khan, M. A., Iqbal, M. & Akhtar, M., 2009. Mammalian Remains in the Chinji Type Locality of the Chinji Formation: A New Collection. *The Journal of Animal and Plant Sciences*, 19(4): 281-285.
144. Akbar Khan, M., Khan, A. M., Farooq, U., Iqbal, M., Akhtar, M. & Majeed, A. A., 2008. Some new fossil remains of *Chilotherium* sp. from the Dhok Pathan Formation of the Siwaliks. *The Journal of Animal and Plant Sciences*, 18(4): 155-159.
145. Akbar Khan, M., Khan, A., Iqbal, M., M Akhtar & Mahboob, S. 2008. Reduncine fossils from the Upper Siwaliks of Tatrot. *The Journal of Animal and Plant Sciences*, 18(1): 50-52.
146. Akbar Khan, M., Ahmad, Z. & Akhtar, M., 2008. *Selenoportax vexillarius* from Dhokpathan formation of the Middle Siwaliks, Pakistan. *Biologia (Pakistan)*, 54(1): 65-72.
147. Ali, Z., Ahmad, S. S., Akhtar, M., Akbar Khan, M. & Khan, M. N., 2007. Ecology and diversity of planktons in lakes of Uchalli Wetlands Complex, Pakistan. *The Journal of*

148. Farooq, U., Akbar Khan, M., Akhtar, M. & Khan, A. M., 2007. *Dorcatherium minus* from the Siwaliks, Pakistan. *The Journal of Animal and Plant Sciences*, 17(3-4): 86-89.
149. Shabbir, A., Akbar Khan, M., Khan, A. M., Iqbal, M. & Ahmad, F. 2007. Fungal Biodeterioration; a Case Study in the Zoological Museum of the Punjab University. *The Journal of Animal and Plant Sciences*, 17(3-4): 90-93.
150. Akbar Khan, M., Ghaffar, A., Akhtar, M., Ali, Z., Farooq, U. & Bhatti, Z. H., 2006. Phylogeny and Cladogenesis analysis of ruminants. *Biologia (Pakistan)*, 52(1): 43-56.
151. Ahmad, Z., Akbar Khan, M. & Akhtar, M., 2006. *Pachyportax latidens* (Ruminantia, Bovidae, Boselaphini) from the Dhok Pathan Formation. *Biologia (Pakistan)*, 52(2): 131-137.
152. Ahmad, Z., Ghaffar, A., Akbar Khan, M. & Akhtar, M., 2006. The taxonomic and stratigraphic evidences of *Hipparion antilopinum* from Dhok Pathan Formation (the Middle Siwaliks), Pakistan. *Biologia (Pakistan)*, 52(2): 139-148.
153. Akbar Khan, M., Khan, A. M., Farooq, U. & Akhtar, M., 2006. *Selenoportax vexillarius* (Mammalia, Boselaphini, Bovidae) from the Siwaliks. *Pakistan Journal of Zoology*, 38 (4): 321-326.

International

154. Asim, M., Mahmood, K., Babar, M. A., Akbar Khan, M., Ahmed, Q. and Ali, Q., 2024. Middle Miocene *Elachistoceras* (Bovidae: Mammalia) from Chinji Formation of Pakistan: new remains. *International Journal of Agriculture, Environment and Bioresearch*, 09 (02): 135-143.
155. Abbas, S. G., Khan, M. A., Babar, M. A., Hanif, M., Akhtar, M., 2018. New materials of *Choerolophodon* (Proboscidea) from Dhok Pathan Formation of Siwaliks, Pakistan. *Vertebrata Palasiatica*, 56(4): 295-305; DOI: 10.19615/j.cnki.1000-3118.
156. Iqbal, M., Prince, A., Akbar Khan, M., Nayyer, A. Q., Akhtar, M., 2013. Ecology and Population Status of Hog Deer from Narowal, Pakistan. *Int. Res. J. Biological Sci.*, 2(7): 19-24.
157. Samiullah, K., Akhtar, M., Ghaffar, A. & Akbar Khan, M., 2012. *Giraffokeryx punjabiensis* (Artiodactyla, Ruminantia, Giraffidae) from Lower Siwaliks (Chinji Formation) of Dhok Bun Ameer Khatoon, Pakistan. *J. Sci. Technol. MSU*, 31(1): 9-24.
158. Samiullah, K., Akhtar, M., Akbar Khan, M. & Ghaffar, A. 2012. Fossil mammals (Rhinocerotids, Giraffids, Bovids) from the Miocene rocks of Dhok Bun Ameer Khatoon, district Chakwal, Punjab, Pakistan. *ARPJ Journal of Science and Technology*, 2, special issue: 69-108.
159. Iqbal, M., Akbar Khan, M., Atiq, M., Ikram, T. & Akhtar, M., 2011. *Dorcatherium minus* from the Nagri type area of the Nagri Formation, Middle Siwaliks, northern Pakistan: New Collection. *Yerbilimleri (Earth Sciences)*: 32(1): 59-68.
160. Ghaffar, A., Akbar Khan, M. & Akhtar, M., 2010. Early Pliocene Cervids (Artiodactyla-Mammalia) from the Siwaliks of Pakistan. *Yerbilimleri (Earth Sciences)*, 31(3): 217-231.
161. Akbar Khan, M. & Farooq, M. U., 2006. Paleobiogeography of the Siwalik Ruminants. *International Journal of Zoological Research*, 2(2): 100-109.

162. Akbar Khan, M., Ghaffar, A., Ali, Z., Farooq, U., Bhatti, Z. H. & Akhtar, M., 2005. Report on Mammalian Fossils of Chinji Formation, Dhulian, Pakistan. *American Journal of Applied Sciences*, 2(12): 1619-1628.

National

163. Akhtar, M., Abbas, S. G., Wajid, M., Babar, M. A., Fizza, J., Akbar Khan, M. and Ahmed, S., 2025. *Siamotragulus* (Tragulidae: Artiodactyla: Mammalia) from the Siwalik Group of Indian Subcontinent (Pakistan). *South Asian J. Zool.*, 43(2): 67-73; <https://dx.doi.org/10.17582/sajz/2025/43.2.67.73>
164. Babar, M. A., Akbar Khan, M., Akhtar, M. and Mahmood, K., 2013. New molars of *Elachistoceras* (Cetartiodactyla, Bovidae) from the Late Miocene Padhri, Northern Pakistan: rare finding. *Punjab Univ. J. Zool.*, 28(2): 83-87.
165. Iqbal, M., Saleem, M. Z., Akbar Khan, M., Akhtar, M. and Mahmood, K., 2012. Urial (Mammalia, Bovidae, Caprini) from the Kala Chitta Range of northern Pakistan. *Punjab Univ. J. Zool.*, 27(2): 61-73.
166. Iqbal, M., Ashraf, I., Akbar Khan, M., Babar, M. A., Mahmood, K. and Akhtar, M., 2012. Some new fossils of *Hipparionine* from Dhok Pathan Formation of Siwaliks. *Punjab Univ. J. Zool.*, 27(1): 27-31.
167. Akbar Khan, M., Akhtar, M., Iqbal, M. and Shahzadi, M., 2011. Some new remains of ruminants from Dhok Pathan Formation in northern Pakistan. *Punjab Univ. J. Zool.*, 26(2): 83-93.
168. Aslam, S., Khan, A.M., Akbar Khan, M., Akhtar, M. and Siddiq, M.K., 2010. Some new remains of *Pachyportax* (Bovidae, Artiodactyla) from the Middle Siwaliks of Pakistan. *Punjab Univ. J. Zool.*, 25(1-2): 29-35.
169. Akbar Khan, M. & Akhtar, M., 2010. Biometrical Dentition Trends in the Siwalik *Gazella*, a genus of family Bovidae. *Journal of Natural Sciences*, 8(1-2): 75-79.
170. Akhtar, M., Samiullah, K., Akbar Khan, M., Bhatti, Z.H., Nayyer, A.Q., & Siddiq, A., 2009. *Hipparion* from the Dhok Pathan Formation of the Middle Siwaliks, Pakistan. *Punjab Univ. J. Zool.*, 24(1-2): 67-80.
171. Akbar Khan, M., 2009. Field Report of the Hasnot Village Outcrops in the Middle Siwaliks, Pakistan. *Journal of Natural Sciences*, 7(1-2): 104-106.
172. Naseem, L., Akbar Khan, M., Akhtar, M., Iqbal, M., Khan, A. M. & Farooq, U., 2009. *Hipparion* from the Nagri Type Locality of the Nagri Formation, Middle Siwaliks, Pakistan: Systematics. *Journal of Natural Sciences*, 7(1-2): 18-29.
173. Farooq, U., Ikram, T., Akbar Khan, M. & Akhtar, M., 2007-8. *Dorcabune nagrii* (Artiodactyla, Ruminantia, Tragulidae) from Nagri, Middle Siwaliks, Pakistan. *Journal of Natural Sciences*, 5-6(1-2): 33-39.
174. Akbar Khan, M. & Akhtar, M., 2007. Fossil Hippotraginae (Bovidae, Mammalia) from the Middle Siwaliks of Bhandar. *Journal of Scientific Research*, XXXVII (2): 21-24.
175. Akbar Khan, M., 2007. Description of *Selenoportax vexillarius* Molars from Dhok Pathan Village (Middle Siwaliks), Pakistan. *Pakistan Journal of Biological Sciences*, 10(18): 3166-3169.
176. Akbar Khan, M., Farooq, U. & Akhtar, M., 2007. A Phylogenetic Study of *Dorcatherium* and *Dorcabune* (Traguloids, Ruminantia, Artiodactyla). *Science International (Lahore)*, 19(1): 33-34.
177. Bhatti, Z. H., Qureshi, M. A., Akbar Khan, M., Akhtar, M., Ghaffar, A. & Ejaz, M. 2007. Individual variations in some premolars of species *Giraffokeryx punjabiensis* (Mammalia, Giraffidae) from Lower Siwalik (Chinji Formation) of Pakistan. *Contribution to Geology of Pakistan; Proceedings of 5th Pakistan Geological Congress 2004*: 261-272.
178. Bhatti, Z. H., Qureshi, M. A., Akbar Khan, M., Akhtar, M., Ghaffar, A. & Ejaz, M. 2007. Fossil remains of the species *Giraffa priscilla* (Mammalia, Giraffidae) from the Lower Siwaliks (Chinji Formation) of Pakistan. *Contribution to Geology of Pakistan; Proceedings of 5th Pakistan Geological Congress 2004*: 273-284.
179. Farooq, U., Akbar Khan, M., Akhtar, M. & Khan, A. M., 2007. *Dorcatherium majus*, a study of upper dentition from the Lower and Middle Siwaliks of Pakistan. *Journal of Applied Sciences*, 7(9): 1299-1303.
180. Akbar Khan, M. & Akhtar, M. 2007. *Dorcabune nagrii* (Ruminantia, Tragulidae)

- from the Upper Part of the Middle Siwaliks. *Journal of Applied Sciences*, 7(10): 1428-1431.
181. Akbar Khan, M. & Akhtar, M. 2005-6. Discovery of a *Bramatherium* (Giraffid) horn-core from Hasnot, the Middle Siwaliks, Pakistan. *Geol. Bull. Punjab Univ.*, 40-41: 21-25.
 182. Akbar Khan, M., Akhtar, M., Iqbal, M. & Qureshi, M. A., 2006. Fossil molars of *Selenoportax vexillarius*. *Geol. Bull. Punjab Univ.*, 40-41: 53-55.
 183. Akbar Khan, M., Ghaffar, A., Bhatti, Z. H. & Akhtar, M., 2006. The presence of extinct mouse deer in the Dhulian village (Chinjian Strata), District Attock, Pakistan. *Sci. Int. (Lahore)*, 18(1): 53-55.
 184. Khan, A. M., Akbar Khan, M., Farooq, U., Akhtar, M. & Majeed, A. A., 2006. New remains of *Chilotherium intermedium* from the Chinji Formation of the Siwaliks. *Punjab University Journal of Zoology*, 21(1-2): 59-65.
 185. Akbar Khan, M., Ghaffar, A., Farooq, U. & Akhtar, M., 2006. Ruminant Fauna from the Tertiary Hills (Neogene) of the Siwaliks of Pakistan. *Journal of Applied Sciences*, 6(1): 131-137.
 186. Ghaffar, A., Akbar Khan, M., Akhtar, M. Farooq, U. & Nazir, M., 2006. The Oldest Cervid from the Siwalik Hills of Pakistan. *Journal of Applied Sciences*, 6(1): 127-130.
 187. Ghaffar, A., Akbar Khan, M., Amara, U., Bhatti, Z. H., Nayyer, A. Q. & Akhtar, M., 2006. The three-toed horse "*Hipparion perimense*" (Mammalia, Perissodactyla, Equidae) from the Siwalik Hills of Pakistan. *Sci. Int. (Lahore)*, 18(2): 157-160.
 188. Farooq, U., Akbar Khan, M. & Akhtar, M., 2005-6. Dentition variability in the Siwalik *Dorcatherium* and *Dorcabune*. *Journal of Natural Sciences*, 3-4(1-2): 43-48.
 189. Akbar Khan, M., Akhtar, M. & Iliopoulos, G., 2005. Discovery of a deciduous premolar of *Dorcatherium minus* from the Middle Siwaliks of Pakistan. *Punjab Univ. J. Zool.*, 20(2): 181-188.
 190. Akbar Khan, M. & Akhtar, M., 2005. A note on the Biostratigraphic events of the Siwaliks. *Punjab Univ. J. Zool.*, 20(1): 29-36.
 191. Ghaffar, A., Akbar Khan, M. & Akhtar, M., 2005. Updated evidences of the Siwalik *Hipparion* with special emphasis on Paleozoogeography and Biochronology. *Punjab Univ. J. Zool.*, 20(1): 93-95.
 192. Akbar Khan, M., Ghaffar, A., Ali, Z., Farooq, U. & Akhtar, M., 2004. The Comments on the Possible Origin of the Ruminants in Asia. *Geol. Bull. Punjab Univ.*, 39: 33-35.
 193. Akbar Khan, M., Ali, Z., Ghaffar, A., Farooq, U. & Akhtar, M., 2004. Taphonomy and Paleoecology of the Hasnot (Middle Siwaliks), Potwar Plateau, Northern Pakistan. *Geol. Bull. Punjab Univ.*, 39: 87-94.
 194. Ghaffar, A., Akbar Khan, M., Nazir, M. & Akhtar, M., 2004. First Record of *Martes lydekkeri* from Dhok Pathan Formation of Pakistan. *Punjab Univ. J. Zool.*, 19: 97-102.
 195. Ghaffar, A., Akhtar, M., Akbar Khan, M. & Nazir, M., 2004. Report on *Cervus sivalensis* from the Upper Siwaliks of Pakistan. *Punjab Univ. J. Zool.*, 19: 83-88.
 196. Ghaffar, A., Akbar Khan, M., Nazir, M. & Akhtar, M., 2004. Note on milk molar of *Hipparion theobaldi*. *Sci. Int. (Lahore)*, 16(3): 227-229.
 197. Ghaffar, A., Akbar Khan, M., Nazir, M. & Akhtar, M., 2004. New Findings of Miocene Carnivora from the Kelar Kahar (Middle Siwaliks), Pakistan. *Sci. Int. (Lahore)*, 16(4): 291-293.

Research Articles in International Proceedings

198. Aftab, K., Akbar Khan, M., Afseen, S., Hussain, M., Arif, A., 2022. Miocene giraffids (Giraffidae; Mammalia) from the Lower Siwalik of Pakistan. *Advances in Biological Sciences Research*, 22: 350-356 (7th International Conference on Biological Science (ICBS 2021).

199. Akbar Khan, M., Farooq, U., Ghaffar, A., Khan, A. M., Akhtar, M., Iliopoulos, G. & Shabbir, A., 2006. Presence of *Eotragus noyei* in the Middle Siwaliks, Pakistan. *Proceedings Canadian Paleontology Conference*, 16(4): 23-25. (Short Paper).

Research Articles in National Proceedings

200. Akbar Khan, M. and Akhtar, M., 2011. *Dorcatherium* from Hasnot (Middle Siwaliks), northern Pakistan. *Proceedings of the Pakistan Congress of Zoology (International)*, 31: 45-54.
201. Akbar Khan, M. & Islam, A. M., 2009. Tertiary Bovids of the Padhri in the Dhok Pathan Formation of Pakistan. *Proceedings of the Pakistan Congress of Zoology (International)*, 29: 33-44.
202. Akbar Khan, M., Sadaqat, A., Ali, M., Khan, A. M., Iqbal, M. & Akhtar, M., 2008. *Chilotherium intermedium* from the Dhok Pathan Formation of the Siwaliks. *Proceedings of the Pakistan Congress of Zoology (International)*, 28: 23-31.
203. Akbar Khan, M. & Akhtar, M., 2007. Ruminants from Hasnot, the Middle Siwaliks, Pakistan. *Proceedings of the Pakistan Congress of Zoology (International)*, 27: 67-72.
204. Akbar Khan, M., Akhtar, M., Iliopolous, G., Khan, A. M., Farooq, U. 2006. Biochronology of the Hasnot, the Middle Siwaliks, Pakistan. *Proceedings of Pakistan Congress of Zoology*, 26: 75-80.

Book Chapter

205. Akbar Khan, M., Abbas, S. G. and Mahmood, K. 2025. New dental remains of *Anisodon Salinus* from the Potwar Plateau, Pakistan, pp. 315-318. In: Çiner et al. (eds.), Recent Research on Sedimentology, Stratigraphy, Paleontology, Tectonics, Geochemistry, Volcanology and Petroleum Geology, Advances in Science, Technology & Innovation, springer publisher, https://doi.org/10.1007/978-3-031-87558-8_61
206. Akbar Khan, M. and Asim, M., 2018. Middle Miocene *Giraffokeryx* (Giraffidae) with marks of Enamel Hypoplasia from Dhok Bun Amir Khatoon, Punjab, Pakistan. In: M. Boughdiri, B. Badenas, P. Selden, E. Jaillard, P. Bengtson, B.R.C. Granier (eds. Springer), paleobiodiversity and Tectono-Sedimentary Records in the Mediterranean Tethys and related Eastern Areas – Proceedings of the 1st Springer Conference of the Arabian Journal of Geosciences (CAJG-1), Tunisia, pp. 53-55.

Books

207. Akbar Khan, M., Akhtar, M., Rakha, A. 2013. Fossils of *Gazella* (Mammalia, Bovidae) from the Siwaliks of Pakistan. LAP LAMBERT Academic Publishing, Germany. ISBN: 978-3-659-37036-6.
208. Akbar Khan, M., 2010. Middle Siwalik Ruminants in Northern Pakistan. Stratigraphy, Geology, Systematics: VDM Verlag Dr. Müller Publisher, Germany. ISBN: 978-3-639-27567-4. (<https://www.morebooks.de/store/gb/book/middle-siwalik-ruminants-in-northern-pakistan/isbn/978-3-639-27567-4>).

Notebook

209. Akbar Khan, M., et al., 2023. Laboratory Manual Principles of Palaeontology and Zoogeography. Azeem Publishers, 22 Urdu bazar Lahore, Pakistan.

Monographs Having Impact Factor

210. Akbar Khan, M., Akhtar, M., Babar, M. A., Abbas, S. G., Siddiq, M. K., Nawaz, M. K., Mubashar, M., Yaqoob, H., Nazir, S., Farheen, S., Draz, O., Shahbaz, S., Sultana, N.,

- Zahra, N. & Noreen, S., 2013. Some New AftabRemains of Middle Miocene Mammals from the Chinji Formation, northern Pakistan. *Pakistan Journal of Zoology, Supplementary Series*, 13: 1-55. (Impact factor: 0.308).
211. Akbar Khan, M., Akhtar, M. & Ikram, T., 2012. True ungulates from the Nagri type locality (late Miocene), northern Pakistan. *The Journal of Animal and Plant Sciences, Supplementary Series*, 1: 1-59 (Impact factor: 0.585).
212. Akbar Khan, M., Akhtar, M. & Iqbal, M., 2010. The Late Miocene Artiodactyls in the Dhok Pathan Type Locality of the Dhok Pathan Formation, the Middle Siwaliks, Pakistan. *Pakistan Journal of Zoology, Supplementary Series*, 10: 1-87 (Impact factor: 0.338).