



VIVESH VIR KAPUR, PhD, FGS

SCIENTIST- 'E'

BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES
(BSIP), LUCKNOW, INDIA

HON. ASSOCIATE PROFESSOR

Academy of Scientific & Innovative Research
(AcSIR), India.

RESEARCH INTERESTS

Mesozoic-Cenozoic faunal remains in the context of origin, evolution, palaeoecology, palaeoenvironment, and biostratigraphy while highlighting the historical biogeographic aspects in a changing climatic and geodynamic setting linked to India-Eurasia collision. Study coprolite ichnofauna to decipher the dietary habits of pre-historic fauna and to reconstruct surrounding habitats

MAIN INTERESTS

- ✓ Vertebrate Palaeontology
- ✓ Fossilized faecal matter (coprolites)
- ✓ Palaeoecology
- ✓ Palaeoenvironment
- ✓ Palaeobiogeography
- ✓ Science writing, editing, & reviewing
- ✓ Preparation of fossils

REACH ME AT



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53, University Road, Lucknow,
Uttar Pradesh 226007,
INDIA

ACADEMIC HISTORY

Doctor of Philosophy - Ph.D. (Palaeontology/Geology)

October 2006 - Department of Earth Sciences, Indian Institute of Technology Roorkee, Uttarakhand, INDIA

M.Sc. (Honours School) in Geology

September 2002 - Centre of Advanced Studies in Geology, Panjab University, Chandigarh (U.T.), INDIA

B.Sc. (Honours School) in Geology

July 2000 - Centre for Advanced Studies in Geology, Panjab University, Chandigarh (U.T.), INDIA

RESEARCH/TEACHING CAREER

SCIENTIST - 'E'

January 2025 to present - Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, INDIA

Hon. Associate Professor (Physical Sciences)

September 2022 to present - Academy of Scientific & Innovative Research (AcSIR), INDIA

SCIENTIST - 'D'

January 2021 to December 2024 - Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, INDIA

Hon. Assistant Professor (Physical Sciences)

2019 to September 2022 - Academy of Scientific & Innovative Research (AcSIR), INDIA

SCIENTIST - 'C'

January 2017 to December 2020 - Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, INDIA

SCIENTIST - 'B'

October 2013 to December 2016 - Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, INDIA

YOUNG SCIENTIST - DST PROJECT

July 2013 to October 2013 - Department of Geology, Centre for Advanced Studies, University of Delhi, Delhi, INDIA

ASSISTANT PROFESSOR (On Contract)

August 2011 to September 2011 - Department of Geology, Centre for Advanced Studies, Kurukshetra University, Haryana, INDIA

SENIOR RESEARCH FELLOW (CSIR)

March 2006 to October 2006 - Department of Earth Sciences, Indian Institute of Technology Roorkee, Uttarakhand, INDIA

JUNIOR RESEARCH FELLOW (DST)

January 2003 to March 2006 - Department of Earth Sciences, Indian Institute of Technology Roorkee, Uttarakhand, INDIA

COURSES TAUGHT/MODULES HANDLED

PhD candidates:

- Research Ethics
- Vertebrate and Invertebrate Palaeontology
- Cladistics

M.Sc./M.Tech students:

- Vertebrate and Invertebrate Palaeontology
- Basics in Stratigraphy

SPONSORED PROJECTS HANDLED

Co-PRINCIPAL INVESTIGATOR

January 2023 (Ongoing) - Anusandhan National Research Foundation (ANRF) (formerly Science and Engineering Research Board - SERB) sponsored Core Research Grant (CRG) project titled "*Reconstruction of Arabian Sea coastal upwelling conditions and seawater temperature gradient during Miocene (Burdigalian), India: Insights from Stable and Clumped isotope analysis of otoliths and molluscan fauna*". Grant: 29,91,240 INR

PRINCIPAL INVESTIGATOR

January 2020 to July 2024 - Anusandhan National Research Foundation (ANRF) (formerly Science and Engineering Research Board - SERB) sponsored Core Research Grant (CRG) project titled "*Palaeodietary habit(s) in deep time, linkages to producer taxa, and palaeoenvironmental inferences utilizing Mesozoic-Cenozoic fossilized faecal matter (coprolites) from India*". Grant: 28,02,240 INR

PRINCIPAL INVESTIGATOR

July 2013 to March 2017 - Science and Engineering Research Board (SERB) sponsored Fast Track Project titled "*Palaeogene vertebrate fauna from lignite-associated sedimentary sequences of western India: investigations of evolutionary and biogeographic aspects*".

PUBLICATIONS

More than 40 articles published in journals of International Repute. A list of published articles is provided in this document.

PhD Supervised: 2 (Ongoing)

Mr Ramanand Sagar (Registered under AcSIR PhD Program; Registration no. 10PP22J64006) on the topic "*Mesozoic-Cenozoic coprolites from central and western India: linkages to producer(s), palaeodietary habit(s), and palaeoenvironments*".

Mr Amal MS (Registered under AcSIR PhD Program; Registration no. 10PP24J64006) on the topic "*Reconstruction of Arabian Sea coastal upwelling condition and seawater temperature gradient during Miocene (Burdigalian), India: Insights from Stable and Clumped isotope analysis of otoliths and molluscan fauna*".

ORGANIZATIONAL ACTIVITIES

Contributed/contributing actively as a 'Member' in various committees within the Institute including:

- Research Development Coordination Cell (RDCC); Scientific Events and Coordination Committee (SECC); Museum Committee; Computer Committee; Centre for Promotion of Geoheritage and Geoconservation (CPGG-BSIP);
- Head/In-Charge: Vertebrate Palaeontology and Preparation Laboratory (VPPL-BSIP)
- As 'Nodal Officer' and 'Data Officer' for the Evaluation of Innovation Excellence Indicators of Public funded R&D Organisations - Round 2.0 by Confederation of Indian Industry (CII) and Principal Scientific Advisor (PSA) to GoI.

DISSERTATIONS AND SUMMER/WINTER TRAINING SUPERVISED

More than 10 graduate/post-graduate students have been supervised at the VPPL-BSIP in the subject area of Palaeontology.

Recognized as a 'Guide' by the prestigious Indian Academy of Sciences (IASc), Bengaluru to actively contribute to the Science Education activities (including in the Focus Area Science Technology Summer Fellowship [FAST-SF] program of the National Science Academies, India) to host students or teachers (in the year 2025) for two months in the VPPL-BSIP.

EDITORIAL/REVIEWING RESPONSIBILITIES

EDITOR

January 2016 to December 2018 (Full tenure) - Geophytology

REVIEWER

- Grant Proposals for National Science Center (NSC), Poland
- Earth Science Reviews
- Papers in Palaeontology
- PloS ONE
- Proceedings of the Indian National Science Academy (PINSa)
- Journal of the Palaeontological Society of India

INDUSTRY CAREER

GEOLOGIST

September 2008 to April 2011 & October 2011 to July 2013 - Geotechnical Observations Limited, Surrey, UNITED KINGDOM

GEOLOGIST

December 2006 to October 2007 - Fugro Geotech Limited, Mumbai, INDIA

OUTREACH ACTIVITIES

Actively involved in the conceptualization of various projects involving Geo-heritage Conservation in India. For Instance:

- Mandro Fossil Park including Museum & Interpretation Centre, Jharkhand State, India.
- Bagh Dinosaur Fossil Park, Madhya Pradesh State, India.
- Restoration program on fossil woods, Khadir Island, Gujarat State, India.

LABORATORIES DEVELOPMENT

Contributed/contributing actively in the development/establishment of various laboratories within the institute:

- Vertebrate Palaeontology and Preparation Laboratory (VPPL-BSIP).
- Vertebrate and Invertebrate Palaeontology Laboratory (VIPP-BSIP)
- Micro-Computed Tomography (Micro-CT) National Facility at BSIP.

PROFESSIONAL MEMBERSHIPS

- 2024 to present - Executive Council Member: The Palaeontological Society of India, Lucknow, INDIA
- 2022 to 2025 - Executive Council Member: The Palaeobotanical Society of India, Lucknow, INDIA.
- 2019 - Member: NECLIME (Neogene Climate Evolution in Eurasia)
- 2016 - Life Member: The Palaeobotanical Society, Lucknow, INDIA
- 2011 - Fellow Member: The Geological Society of London, UNITED KINGDOM
- 2005 - Life Member: The Palaeontological Society of India, Lucknow, INDIA

AWARDS & RECOGNITIONS

- 2025 - Certificate of Appreciation - Tethys Fossil Museum (Dangyari, Himachal Pradesh, India) for concerted contributions towards geoheritage conservation and palaeontology in India.
- 2022 - Honorary Associate Professor (Physical Sciences-Geology/Palaeontology) - Academy of Scientific & Innovative Research (AcSIR), India.
- 2019 - Honorary Assistant Professor (Physical Sciences-Geology/Palaeontology) - Academy of Scientific & Innovative Research (AcSIR), India.
- 2017 - Sharda Chandra Gold Medal by the Palaeontological Society of India for outstanding contributions on Indian Palaeontology.
- 2006 - Senior Research Fellowship - CSIR (Council of Scientific and Industrial Research, Govt. of India).
- 2006 - Podium Prize for doctoral research work at Indian Institute of Technology Roorkee, Uttarakhand, India. (2006).
- 2003 - Qualified joint (CSIR-UGC) National Eligibility Test (NET) for Lectureship.
- 2002 - University Medal and Distinction in M.Sc. (Honours School) Geology Examination, Panjab University, India.
- 2000 - University Medal in B.Sc. (Honours School) Geology Examination, Panjab University, India.
- 2000 - M. N. Bose Prize in Paleontology, Panjab University, Chandigarh, India.

TRAINING PROGRAMMES

2020 - "International Code of Nomenclature (ICN) Rules & Recommendations" at Birbal Sahni Institute of Palaeosciences, Lucknow, INDIA

2016 - "Digital Imaging and Computed Tomography" at Technical Solutions Centre, General Electric (GE), Pune, Maharashtra, INDIA

2014 - "Climate Science Training Program" at Divecha Centre for Climate Science, Indian Institute of Science (IISc) Bangalore, INDIA

2010 - "Geological Data Management" at Keynetix Limited, Systems House, Redditch, UNITED KINGDOM

2010 - "Stratigraphy of the Lambeth Group of London" at Geotechnical Consulting Group, London, United Kingdom

2005 - "Analytical Methods in Studying Fossils" at Northeastern Ohio Universities College of Medicine, Rootstown, Ohio, USA

COUNTRIES VISITED FOR OFFICIAL/RESEARCH PURPOSES

United States of America, United Kingdom, China, Singapore

AUDIO-VIDEO PODCASTS



- Link: <https://open.spotify.com/episode/1WF08aiCtbGqTdBCJMY55Gsi=YbzM5nBzTgmKmmMNxKLt2Q&nd=1&dlsi=ac2168c8a6664397>



Video podcast recorded titled "Vertebrate Palaeontology" as part of BHU-BSIP collaboration under the MOOCS program.

- Link: <https://www.youtube.com/watch?v=cMbHP6vSiJE>

PUBLICATIONS

- Kapur VV*. 2025. Coprolites – Geological Signatures of Dietary Habits of Pre-historic Indian Vertebrates. In: Tripathi SC, Pant NC, Rajora S (Eds.). *Geoconservation and Geotourism Potential of India*. Society of Earth Scientists Series. Springer International Publishing, Springer Nature Switzerland AG. (Accepted).
- Singh SP, Arif M*, Singh, AK*, Mishra S, **Kapur VV***, Prasad V, Venkateshwarlu M, Naik AS. 2025. First evidence of C30n-C29r-C29n geochrons from the Deccan volcano-sedimentary succession within the Malwa subprovince, central India: Magnetostratigraphic perspectives and Palaeoenvironmental implications. *Evolving Earth* 3: 100061. <https://doi.org/10.1016/j.eve.2025.100061>.
- **Kapur VV***. 2024. First Session of the Second Council of the Asian Palaeontological Association (APA) and the Asian Palaeontological Young Scholars Forum held from 25th to 27th November 2023, Nanjing, China. *Journal of the Palaeontological Society of India*. 69(2). 10.1177/05529360241297454.
- **Kapur VV***, Sagar R, Kumar K, Chaddha AS, Lourembam RS, Mishra A, Sharma A. 2024. Palaeobiological and geochemical aspects of reptilian coprolites from a Maastrichtian Deccan volcano-sedimentary intertrappean deposit of central India. *Ichnos*. 1-24. DOI:10.1080/10420940.2024.2415153.
- **Kapur VV***, Sagar R, Singh K, Prasad GVR. 2024. A new microcoprolite assemblage from the Upper Triassic Tiki Formation of India: ichnotaxonomy, and producer association(s). *Historical Biology*. 1-15. DOI: 10.1080/08912963.2024.2402263.
- Sagar R, **Kapur VV***, Kumar K, Morthekai P, Sharma A, Shukla SK, Ghosh AK, Chauhan G, Thakkar MG. 2024. First record of Chelonian coprolites from the Early-Middle Miocene Kutch Basin, western India, and their palaeodietary and palaeobiological implications. *Geobios*. 84: 83-101. DOI:10.1016/j.geobios.2023.12.004.
- Uddandam PR, **Kapur VV***, Parmar S, Bansal M, Manoj MC, Sharma A, Prasad V. 2024. Danian-Ypresian dinocyst biostratigraphy, fish fauna and depositional environment of the Akli Formation, Barmer Basin, western India. *Historical Biology*. 36(7):1401-1414. DOI:10.1080/08912963.2023.2214585.
- **Kapur VV***, Chauhan G. 2024. Miocene (~ 14 Ma) Vertebrate-Yielding Site of Palasava, Kachchh, Gujarat State, Western India: Geoheritage-Geotourism Perspectives and Geosite Potential. *Geoheritage*. 16(12). DOI: 10.1007/s12371-024-00915-3.
- **Kapur VV***. 2024. Current developments in Paleogene vertebrate palaeontology in view of India's final drift phase and India-Eurasia docking: an appraisal. *Proceedings of the Indian National Science Academy*. 90: 358-370. DOI: 10.1007/s43538-024-00272-3.
- Arora P, Trivedi PM, Bhatia H, Agnihotri P, **Kapur VV***. 2023. A Survey of the Anticipated Role of the Indian Museum of Earth (TIME) to Foster Public Awareness Towards the Preservation of Palaeontological Relics. *Geoheritage*. 15(109). DOI: 10.1007/s12371-023-00877-y.
- **Kapur VV***, García Yelo BA, Thakkar MG. 2022. Development of Cenogram Technique Over the Past Six Decades with Some Insights into the Varied Habitats Occupied by Diverse Mammalian Communities Across Spain, China, and India Transiting the Middle Miocene Climatic Optimum. In: Phartiyal, B., Mohan, R., Chakraborty, S., Dutta, V., Gupta, A.K. (eds) *Climate Change and Environmental Impacts: Past, Present and Future Perspective*. Society of Earth Scientists Series. Springer, Cham. DOI: 10.1007/978-3-031-13119-6_3.
- **Kapur VV***, Kumar K, Pandya PJ, Ghosh AK, Chakraborty A, Sharma A, Chauhan G, Thakkar MG. 2022. Oldest Asian Record of Snapping Shrimps (Malacostraca: Alpheidae) from the Kutch Basin, Western India and Associated Biota: Biostratigraphic, Paleoenvironmental and Paleoecological Significance. *Acta Geologica Sinica – English Edition*. DOI: 10.1111/1755-6724.14951.

- **Kapur VV***, Pickford M, Chauhan G, Thakkar MG.2021. A Middle Miocene (~14 Ma) vertebrate assemblage from Palasava, Rapar Taluka, Kutch (Kachchh) District, Gujarat State, western India. *Historical Biology*. 33(5): 595-615. DOI:10.1080/08912963.2019.1648451.
- **Kapur VV***, García Yelo BA, Morthekai P. 2020.Cenogram analyses as habitat indicators for the Paleogene-Neogene mammalian communities across the globe, with an emphasis on the early Eocene Cambay Shale mammalian community from India. *Journal of Iberian Geology*. DOI: 10.1007/s41513-020-00131-2.
- **Kapur VV***. 2020. Size variation amongst non-volant mammals from the Early Eocene Cambay Shale deposits of western India: Paleobiogeographic implications. In: Prasad, G.V.R. and Pattnaik, R.(Eds.). *Biological Consequences of Plate Tectonics: New Perspectives on Post-Gondwanaland Break-up –A Tribute to Ashok Sahni. Vertebrate Paleobiology and Paleoanthropology*, Springer International Publishing, Springer Nature Switzerland AG. DOI:10.1007/978-3-030-49753-8.
- **Kapur VV***, Kumar K, Morthekai P, Chaddha AS. 2020.Palaeodiet of Miocene producer(s) and depositional environment(s): inferences from the first evidence on microcoprolites from India. *Acta Geologica Sinica-English Edition*. 94(5): 1574–1590. DOI: 10.1111/1755-6724.14293.
- Shah SK*, **Kapur VV**, Manoj MC, Srivastava J, Prasad V.2020. Recent Advancement(s) at the Birbal Sahni Institute of Palaeosciences, Lucknow: An Overview. *Proceedings Indian National Science Academy (PINSNA)*. 86(1).
- Bajpai S*, **Kapur VV**. 2020. India's geodynamic evolution during the Eocene: perspectives on the origin and early evolution of modern mammal orders. *Episodes*. 43(1): 489–497.DOI:10.18814/epiiugs/2020/020031.
- **Kapur VV***, Khosla A, Tiwari N. 2019.Paleoenvironmental and paleobiogeographical implications of the microfossil assemblage from the Late Cretaceous intertrappean beds of the Manawar area, District Dhar, Madhya Pradesh, Central India. *Historical Biology*.31(9):1145–1160.DOI:10.1080/08912963.2018.1425408.
- **Kapur VV***, Khosla A. 2019. Faunal elements from the Deccan volcano-sedimentary sequences of India: an appraisal of biostratigraphic, palaeoecologic, and palaeobiogeographic aspects. *Geological Journal*.54:2797–2828. DOI: 10.1002/gj.3379.
- Retallack GJ*, Bajpai S, Liu X, **Kapur VV**, Pandey SK.2018. Advent of Strong South Asian Monsoon by 20Million Years Ago. *The Journal of Geology*. 126: 1–24.
- **Kapur VV***, Das DP, Bajpai S, Prasad GVR. 2017. First mammal of Gondwanan lineage in the early Eocene of India. *Comptes Rendus Palevol*. 16: 721–737.
- Agarwal S*, Verma P, Rao MR, Garg R, **Kapur VV**, BajpaiS*. (2017). Lignite deposits of the Kutch Basin, western India: carbon isotopic and palynological signatures of the early Eocene hyperthermal eventETM2. *Journal of Asian Earth Sciences*. 146: 296–303.
- **Kapur VV***. 2017. Digital imaging and computed tomography. *Current Science*. 112(7): 1317.
- **Kapur VV***, Khosla A. 2016. Late Cretaceous terrestrial biota from India with special references to vertebrates and their implications for biogeographic connections. In. Khosla, A. and Lucas, S.G. (Eds.) *Cretaceous Period: Biotic Diversity and Biogeography*. New Mexico Museum of Natural History and Science Bulletin 71. pp. 161–172.
- **Kapur VV***, Bajpai S. 2015. Oldest South Asian tapiromorph (Perissodactyla, Mammalia) from the Cambay Shale Formation, western India, with comments on its phylogenetic position and biogeographic implications. *The Palaeobotanist*. 64:95–103.
- **Kapur VV***, Pandey SK, Mishra SR. 2015. Palaeogene of the Indian Subcontinent. *Current Science*. 109 (5):848–849.

- Prasad V*, Singh IB, Bajpai S, Garg R, Thakur B, Singh A, Saravanan N, [Kapur VV](#). 2013. Palynofacies and sedimentology based high-resolution sequence stratigraphy of the lignite-bearing muddy coastal deposits (early Eocene) in the Vastan Lignite Mine, Gulf of Cambay, India. *Facies*. 59(4): 737–761.
- Bajpai S*, [Kapur VV](#), Thewissen JGM. 2009. Creodont and Condylarth from the Cambay shale (earliest Eocene ~55–54 Ma) Vastan lignite mine, Gujarat, western India. *Journal of Paleontological Society of India*. 54(1): 103–109.
- Bajpai S*, [Kapur VV](#). 2009. Earliest Cenozoic frogs from the Indian Subcontinent: Implications for out-of-India hypothesis. *Journal of Paleontological Society of India*. 53(1): 65–71.
- Bajpai S, Kay RF*, Williams BA, Das DP, [Kapur VV](#), Tiwari BN. 2008. The Oldest Asian Record of Anthroidea. *Proceedings of the National Academy of Sciences (PNAS), USA*. 105(32): 11093–11098.
- Bajpai S*, [Kapur VV](#), Das DP, Tiwari BN. 2007. New early Eocene primate (Mammalia) from Vastan lignite Mine, District Surat (Gujarat), western India. *Journal of the Palaeontological Society of India*, 52(2): 231–234.
- Bajpai S*, Das DP, [Kapur VV](#), Tiwari BN, Srivastava, SS. 2007. Early Eocene rodents (Mammalia) from Vastan lignite mine, Gujarat, western India. *Gondwana Geological Magazine*, 22(2):91–95.
- [Kapur VV*](#), Bajpai S, Saravanan N, Das DP. 2006. Vertebrate fauna from Deccan Intertrappean beds of Bhanpura, Mandsaur District, Madhya Pradesh. *Gondwana Geological Magazine*. 21(1): 43–46.
- Bajpai S*, Thewissen JGM*, [Kapur VV](#), Sahni A, Tiwari BN. 2006. Eocene and Oligocene Sirenia (Mammalia) from Kachchh (India). *Journal of Vertebrate Paleontology*. 26(2): 400–410.
- Bajpai S*, [Kapur VV](#), Thewissen JGM, Das DP, Sharma R, Tiwari BN. 2006. New Early Eocene cambaytheres (Perissodactyla, Mammalia) from the Vastan lignite mine (Gujarat, India) and an evaluation of cambaythere relationships. *Journal of Paleontological Society of India*. 51(1): 101–110.
- Bajpai S*, [Kapur VV](#), Thewissen JGM, Das DP, Tiwari BN, Sharma R, Saravanan N. 2005. Early Eocene Primates from Vastan lignite mine, Gujarat, western India. *Journal of Paleontological Society of India*. 50(2): 143–154.
- Bajpai S*, [Kapur VV](#), Thewissen JGM, Tiwari BN, Das DP. 2005. First fossil marsupials from India: Early Eocene Indodelphis n.gen and Jaegeria n.gen. from Vastan lignite mine, district Surat, Gujarat. *Journal of Paleontological Society of India*. 50(1): 147–151.
- Bajpai S*, [Kapur VV](#), Das DP, Tiwari BN, Saravanan N, Sharma R. 2005. Early Eocene land mammals from Vastan lignite mine, district Surat (Gujarat), western India. *Journal Paleontological Society of India* 50(1):101–113.
- Bajpai S*, Mohabey DM, [Kapur VV](#), Sharma R. 2004. Alate Cretaceous (Maastrichtian) freshwater Ostracoda fauna from Deccan Inter-trap sediments from Phulsagar, Mandla District, Madhya Pradesh. *Gondwana Geological Magazine*. 19(2): 147–157.
- Bajpai S*, [Kapur VV](#). 2004. Oldest known gobiids from Vastan lignite mine (early Eocene), Surat district, Gujarat. *Current Science*. 87(4): 433–435.
- Khosla A*, [Kapur VV](#), Sereno PC, Wilson JA, Wilson GP, Dutheil D, Sahni A, Singh MP, Kumar S, Rana RS. 2003. First dinosaur remains from the Cenomanian-Turonian Nimar sandstone (Bagh Beds), District Dhar, Madhya Pradesh, India. *Journal of Paleontological Society of India*. 48:115–127.

- Chaddha AS*, Shukla SK, Kumar K, Sharma A, [Kapur VV](#), Phartiyal B, Thakkar MG. 2024. "Clues of Life" through Mineral Lattice Investigation in the Extreme Cold Conditions of Ladakh, India: An Astrobiological Perspective Using the Geyser Travertine Deposit of Puga Hot Spring. Research Square. DOI: 10.21203/rs.3.rs-5522737/v1.
- [Kapur VV*](#), Sagar R, Kumar K, Morthekai P, Sharma A, Shukla SK, Ghosh AK, Chauhan G, Thakkar MG. 2024. Palaeobiological and geochemical aspects of reptilian coprolites from a Maastrichtian Deccan volcano-sedimentary intertrappean deposit of central India. ESS Open Archive. DOI: 10.22541/essoar.168167286.66007656/v1
- Shukla SK*, Chaddha AS, Kumar K, Sharma A, Pandey SK, [Kapur VV](#), Phartiyal B, Shivam A, Dabhi A, Bhushan R. 2023. Hot spring diatoms are linked to extreme cold conditions: A new perspective for astrobiological implication from the sinter deposit of Puga hot spring, Ladakh, India. Authorea ESS Open Archive. DOI: 10.22541/essoar.170158324.46307742/v1.
- Sagar R, [Kapur VV*](#), Kamlesh K, Morthekai P, Sharma A, Shukla SK, Ghosh AK, Chauhan G, Thakkar MG. 2022. The first record on cm-sized vertebrate coprolites from the early-middle Miocene (Aquitanian-Langhian) Khari Nadi and Chassra formations, Kutch Basin, western India: Palaeobiological significance. SSRN Electronic Journal. DOI: 10.2139/ssrn.4269941.