

Research Papers Published (2018-2019)

In SCI (Science Citation Index) Journals:

- Aggarwal N, Thakur B & Jha N 2018. Palaeoenvironmental changes in the Lower Gondwana succession of the Godavari Graben (South India) inferred from palynofacies. *J Paleolimnol.* **61**: 329–343. **IF: 2.168.**
- Agnihotri Deepa, Pandita Sundeep K, Tewari Rajni, Ram-Awatar, Linnemann Ulf, Pillai S Suresh K, Joshi Arun, Gautam Saurabh & Kumar Kamlesh 2018. Palynology and detrital zircon geochronology of the Carboniferous Fenestella Shale Formation of the Tethyan realm in Kashmir Himalaya: Implications for global correlation and floristic evolution. *Journal of Asian Earth Sciences* **157**: 348-359. **IF: 2.86.**
- Ali SN, Dubey J, Ghosh R, Quamar MF, Sharma A, Mortheikai P, Dimri AP, Shekhar M, Arif Md & Agrawal S 2018. High frequency abrupt shifts in the Indian Summer Monsoon since Younger Dryas in the Himalaya 2018. *Nature Scientific Report* **8(1)**: 9287. **IF: 4.609.**
- Ali SN, Dubey J, Mortheikai P, Sharma A, Singh R & Prizomwala S 2019. Climate forcing and the initiation of glacier advance during MIS-2 in the North Sikkim Himalaya, India. *J Asian Earth Sciences* **174**: 381-388. **IF: 2.767.**
- Ali SN, Thakur B, Mortheikai P, Farooqui Shazi, Phartiyal B, Seth P & Sharma A 2018. Diatom diversity under extreme climate: a study from Zanaskar Valley, NW Himalaya, India. *Journal of the Palaeontological Society of India* **63(1)**: 119-126. **IF: 0.667.**
- Ali SN, Liu ZF, Stattegger K, Khelifi N & Kuhnt W 2018. Paleoclimatic and paleoenvironmental reconstruction at Tarfaya Atlantic Coastal Basin (Morocco) based on clay mineral records from Upper Cretaceous to Quaternary. *Arabic Journal of Geosciences* **12(6)**: 1-12. **IF: 1.141.**
- Ali SN, Quamar MF, Phartiyal Binita & Sharma Anupam. 2018. Need for Permafrost Researches in Indian Himalaya. *Journal of Climate Change* **4 (1)**: 33-36. **IF: 3.344.**
- Ansari AH, Singh IB, Kumar S, Pandey SK & Kumar Y 2019. Note on the C and O stratigraphy of the Garbyang Formation (Malla Johar Area), Tethyan Himalaya, India. (Paper accepted in *Journal of the Palaeontological Society of India*). **IF: 0.667.**
- Basumatary SK, Singh H, McDonald HG, Tripathi S & Pokharia A 2019. Modern botanical analogue of endangered Yak (*Bos mutus*) dung from India: Plausible linkage with living

and extinct megaherbivores. *PLOS ONE* **14**(3): e0202723 <https://doi.org/10.1371/journal.pone.0202723>. **IF: 2.8.**

Benjamin R Fosu, Ghosh Prosenjit, Mishra Divya, Banerjee Yogaraj, Prasanna K & Sarkar Amrita 2019. Acid digestion of carbonates using break seal method for clumped isotope analysis. *Rapid Communications in Mass Spectrometry* **33**: 203–214. **IF: 1.97.**

Bhandari A, Kay RF, Williams BA, Tiwari BN, Bajpai S & Hieronymus T 2018. First record of the Miocene hominoid *Sivapithecus* from Kutch, Gujarat State, western India. *PLOS ONE* **13**(11): 1-20. **IF: 2.766.**

Bhandaria S, Gaire NP, Shah SK, Speerb JH, Bhuju DR & Thapa UK 2019. A 307-year tree-ring SPEI reconstruction indicates modern drought in western Nepal Himalayas. *Tree-ring Research* (accepted). **IF: 2.183.**

Bhattacharyya Ranjan, Das TK, Das S, Dey A, Patra AK, Agnihotri R & Ghosh A 2019. Four years of conservation agriculture affects topsoil aggregate-associated 15 nitrogen but not the 15 nitrogen use efficiency by wheat in a semi-arid climate. *Geoderma* **337**: 333-340. **IF: 4.336.**

Chakraborty A, Ghosh AK, Dey R, Saxena S & Mazumder A 2018. Record of Miocene Climate Optimum in the Northeast Indian Ocean: Evidence from the microfossils. *Palaeobiodiversity and Palaeoenvironments*, <https://doi.org/10.1007/s12549-018-0342-3>. **IF: 1.229.**

Das N & Prakash N 2018. Occurrence of *Brachiphyllum regularis* Borkar & Chiplonkar from Himmatnagar Sandstone and its geographic distribution in Indian Gondwana basins. *J. Palaeontol. Soc. India* **63**: 163-168. **IF: 0.667.**

Dubey J, Ali SN, Sharma A, Mortheikai P, Singh R, Sharma RK, Pandey P, Thakur B & Srivastava V 2019. Glacial Geomorphology and Landscape Evolution of the Thangu Valley, North Sikkim Himalaya, India. *Journal of the Indian Society of Remote Sensing*. <https://doi.org/10.1007/s12524-019-00943-5>. **IF: 0.810.**

Farooqui Anjum 2018. Epidermal morphological features and phytolith variation in the leaf of *Oryza sativa* L., IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, **5**(4): 45-53. **IF: 3.215.**

Gaire NP, Dhakal YR, Shah SK, Fan ZX, Bräuning A, Thapa UK, Bhandari S, Aryal S & Bhuju DR 2019. Drought (scPDSI) reconstruction of trans-Himalayan region in western Nepal using *Pinus wallichiana* tree-rings. *Palaeogeography, Palaeoclimatology, Palaeoecology* **514**: 251-264. **IF: 2.375.**

Ghosh Avijit, Bhattacharyya Ranjan, Agarwal BK, Mahapatra P, Shahi DK, Singh Geeta, Agnihorti Rajesh, Sawlani Ravi & Sharma Chhemendra 2018. Long-term

fertilization effects on ^{13}C natural abundances, soil aggregation and deep soil organic carbon sequestration in an alfisol, land degradation and development. <https://doi.org/10.1002/ldr.3229>. **IF: 7.27.**

Ghosh R, Biswas O, Paruya DK, Agrawal S, Sharma A, Nautiyal CM, Bera M & Bera S 2018. Hydroclimatic variability and corresponding vegetation response in the Darjeeling Himalaya, India over the past 2400 years. *Catena* **170**: 84-99. **IF: 3.256.**

Goswami S, Das K, Sahoo M, Bal S, Pradhan S, Singh KJ & Saxena A 2018. Biostratigraphy and floristic evolution of coal swamp floras of a part of Talcher Basin, India: a window on a Permian temperate ecosystem. *Arabian Journal of Geosciences* **11**: 524-538. **IF: 0.866.**

Govil P, Mazumder A, Ram R, Singh DS, & Azharuddin S 2018. Melt water flux and climate change record of last 18.5 ka from Schirmacher Oasis, East Antarctica. *Polar Science* **18**: 135-141. **IF: 1.031.**

Harini Santhanam, Farooqui Anjum & Karthikeyan Anandasabari 2018. Bloom of the diatom, *Biddulphia* sp. and ecology of Pulicat lagoon, Southeast India in the aftermath of the 2015 north eastmonsoonal rainfall. *Environ Monit Assess* **190**:636 <https://doi.org/10.1007/s10661-018-7020-9>. **IF: 1.804.**

Iliescu Florin Mircea, Chaplin George, Rai Niraj, Jacobs Guy S, Mallick Chandana Basu, Mishra Anshuman, Thangaraj Kumarasamy & Jablonski Nina G. The influences of genes, the environment, and social factors on the evolution of skin color diversity in India **30(5)**: e23170, *American Journal of Human Biology*. **IF: 1.575.**

Jha N, Aggarwal N & Mishra S 2018. A review of the palynostratigraphy of Gondwana sediments from Godavari Graben, India: Global comparison and correlation of Permian-Triassic palynoflora. *J. Asian earth Sci.* **163**: 1-21. **IF: 2.86.**

Kapur VV & Khosla A 2018. Faunal elements from the Deccan volcano-sedimentary sequences of India: a reappraisal of biostratigraphic, palaeoecologic and palaeobiogeographic aspects. *Geological Journal*. DOI: 10.1002/gj.3379. **IF: 2.978.**

Kar R & Ghosh AK 2018. First record of *Reduviasporonites* from the Permian–Triassic transition (Gondwana Supergroup) of India. *Alcheringa* **42(3)**: 1-10. **IF: 1.033.**

Kar R, Mazumder A, Mishra K, Patil SK, Ravindra R, Ranhotra PS, Govil P, Bajpai R & Singh K 2018. Climatic history of Ny-Alesund region, Svalbard, over the last 19,000 yr: Insights from quartz grain microtexture and magnetic susceptibility. *Polar Science* **18**: 189-196. **IF: 1.031.**

Kumar K, Agrawal S, Sharma A & Pandey S 2019. Indian Summer Monsoon (ISM) variability and vegetation changes in Core Monsoon Zone (CMZ), India during the Holocene: a multiproxy study. *The Holocene* **29(1)**: 110-119. **IF: 2.547.**

Liu J, Spicer RA, Tang H, Deng WYD, Wu FX, Srivastava G, Spicer TEV, Do TV, Deng T & Zhou ZK 2019. Biotic interchange through lowlands of Tibetan Plateau suture zones during Paleogene. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **524**: 33-40. **IF: 2.375.**

Lu Kai-Qing, Min Li, Guo-Hong Wang, Lian-Sheng Xu, David K Ferguson, Trivedi Anjali, Jing Xuan Ying Feng, Jin-Feng Li, Gan Xie Yi-Feng Yao & Yu-Fei Wang 2018. New pollen classification of Chenopodiaceae for exploring and tracing desert vegetation evolution in eastern arid central Asia. *J. Syst. Evo.* **52(2)**: 1-10. **IF: 3.657.**

Lu Kai-Qing, Xie, GM, Li Jin-Feng Li, Trivedi Anjali, Ferguson DK, Yao Yi-Feng, Wang Yu-Fei 2018. Data set of pollen morphological traits of 56 dominant species among desert vegetation in the eastern arid central Asia. *Data in Brief.* 18. 10.1016/j.dib.2018.03.122. **IF: 0.85.**

Makwana N, Prizomwala S, Chauhan G, Phartiyal B & Thakkar MG 2018. Late Holocene palaeo-environmental change in the Banni Plains, Kachchh, western India. *Quaternary International*, doi: 10.1016/j.quaint.2018.11.028. **IF: 2.163.**

Manoj MC, Thakur B, Prem Raj U & Prasad V 2018. Assessment of metal contamination in the sediments of Vembanad wetland system, from the urban city of southwest India. *Environmental Nanotechnology, Monitoring & Management* doi.org/10.1016/j.enmm.2018.07.004. **IF: 3.96.**

Mathews RP, Singh BD & Singh VP 2018. Evaluation of organic matter, hydrocarbon source, and depositional environment of onshore Warkalli sedimentary sequence from Kerala-Konkan Basin, south India. *Journal of Geological Society of India* **93(4)**: 407-418. **IF: 0.6.**

Mehrotra N, Shah SK, Basavaiah N, Laskar AH & Yadava MG 2019. Resonance of the ‘4.2 ka event’ and terminations of global civilizations during the Holocene, in the palaeoclimate records around PT Tso Lake, Eastern Himalaya. *Quaternary International* **507**: 206-216. **IF: 2.199.**

Morthekai P, Biswas RH & Singhvi AK 2019. Charge transport in band-tail states of irradiated alkali feldspar I: Super-Arrhenius kinetics. *Physica B: Condensed Matter (Theory)* **561**: 103-110. **IF: 1.453.**

Mukherjee B, Biswas O, Ghosh R, Paruya DK & Bera S 2018. Phytolith spectra of some eastern Himalayan pteridophytes: Assessing potential for distinguishing different vegetation-climate zones along the elevation gradient. *Flora* doi.org/10.1016/j.flora.2018.08.013. **IF: 1.423.**

- Murthy S, Kavali PS, Mercedes di Pasquo & Chakraborti B 2018. Late Pennsylvanian and Early Cisuralian palynofloras from the Rajmahal Basin, eastern India, and their chronological significance. *Historical Biology* <https://doi.org/10.1080/08912963.2018.1529763>. **IF: 1.249.**
- Murthy S, Sarate OS & Aggarwal N 2019. Palynofloral and palynofacies evidences and its implication on the depositional environment from Wardha Valley Coalfield, Maharashtra. *J. Geol. Soc. India* **93**: 85-94. **IF: 0.632.**
- Nair A, Mohan R, Crosta X, Manoj MC, Thamban M & Marieu V 2019. Southern Ocean sea ice and frontal changes during the late Quaternary and their linkages to Asian Summer Monsoon. *Quat. Sci. Rev.* **213**: 93-104. **IF: 4.334.**
- Naskar M, Ghosh R & Bera S 2018. Variability in phytolith spectra of some Panicoid grasses from different soil salinity zones of the deltaic West Bengal, India: implications in understanding depositional environments. *Botany Letters* **165(2)**: 255-264. **IF: 0.883.**
- Parthasarathy G, Pandey OP, Sreedhar B, Sharma Mukund, Tripathi Priyanka & Vedanti Nimisha 2019. First observation of microspherule from the infratrappean Gondwana sediments below Killari region of Deccan LIP, Maharashtra (India) and possible implications. *Geoscience Frontiers* doi.org/10.1016/j.gsf.2019.04.005. **IF: 4.051.**
- Pathak Ajai K, Kadian Anurag, Kushniarevich Alena, Montinaro Francesco, Mondal Mayukh, Ongaro Linda, Singh Manvendra, Pramod Kumar, Rai Niraj, Parik Jüri, Metspalu Ene, Roots Siiri, Pagani Luca, Toomas Kivisild, Mait Metspalu, Gyaneshwer Chaubey, Richard Villems, The Genetic Ancestry of Modern Indus Valley Populations from Northwest India. *American Journal of Human Genetics* **103(06)**: 918-929. **IF: 9.025.**
- Pillai SSK, Agnihotri D, Gautam S & Tewari R 2018. Glossopteris flora from the Pali Formation, Johilla Coalfield, South Rewa Gondwana Basin, Madhya Pradesh, India: palynological evidence for a late Permian age. *J. Palaeontol. Soc. India* **63(1)**: 53–72. **IF: 0.667.**
- Priyanka Raja, Hema Achyuthan, Anjum Farooqui, Rengaswamy Ramesh, Pankaj Kumar & Sundeep Chopra 2018. Tropical rainforest dynamics and palaeoclimate Implications since the late Pleistocene, Nilgiris, India. *Quaternary Research* 1–16. doi:10.1017/qua.2018.58. **IF: 2.329.**
- Quamar M Firoze 2019. Surface pollen distribution from Akhnoor of Jammu District (Jammu and Kashmir), India: implications for the interpretation of fossil pollen records. *Palynology*. DOI: 10.1080/01916122.2019.1568317. **IF: 1.383.**

Quamar M Firoze 2019. Vegetation dynamics in response to climate change from the wetlands of western Himalaya, India: Holocene Indian Summer Monsoon variability. *The Holocene* **29**(2): 345-362. DOI: 10.1177/0959683618810401. **IF: 2.419.**

Quamar MF & Kar R 2019. Modern pollen dispersal studies in India: a detailed synthesis and review. *Palynology*: doi.org/10.1080/01916122.2018.1557274. **IF: 1.383.**

Quamar MF, Ali SN, Pandita SK, & Singh Y 2018. Modern pollen assemblages from Reasi (Jammu and Kashmir), India: a tool for interpreting fossil pollen records. *Grana* **57**(5): 364-376. **IF: 1.128.**

Ram-Awarat, Tewari R, Gautam S, Goswami S, Brookfield M, Agnihotri D & Williams J 2018. Palynology of the *Cyclolobus walkeri* bed, Gungri Formation (Late Permian), Spiti Valley, Northwest Himalaya, India. *J. Palaeontol. Soc. India* **63**(2): 141–154. **IF: 0.667.**

Raza MA, Saraswat R, Bhadra SR, Naik DK, Khare N, Govil P & Mazumder A 2018. Inverted sediments in the coastal Antarctic lake: Evidence of paleostorm? Polar Science **18**: 213-219. **IF: 1.031.**

Roy I, Ranhotra PS, Shekhar M, Bhattacharyya A, Pal AK, Sharma YK, Singh SP & Singh U 2018. Over-representation of some taxa in surface pollen analysis misleads the interpretation of fossil pollen spectra in terms of extant vegetation. *Tropical Ecology* **59**(2): 327-338. **IF: 0.8.**

Sawlani Ravi R, Agnihotri Rajesh, Sharma C, Patra PK, Dimri AP, Ram K & Verma RL 2019. The severe Delhi SMOG of 2016: A case of delayed crop residue burning, coincident firecracker emissions, and atypical meteorology. *Atmospheric Pollution Research*, <https://doi.org/10.1016/j.apr.2018.12.015>. **IF: 2.3.**

Saxena A, Murthy S & Singh KJ 2019. Floral diversity and environment during the Early Permian: A case study from Jarangdih Colliery, East Bokaro Coalfield, Damodar Basin, India. *Palaeobiodiversity and Palaeoenvironments*, (<https://doi.org/10.1007/s12549-019-00375-6>). **IF: 1.229.**

Saxena A, Singh KJ, Cleal CJ, Chandra S, Goswami S & Shabbar H 2018. Development of the Glossopteris flora and its end Permian demise in the Tatapani–Ramkola Coalfield, Son–Mahanadi Basin, India. *Geological Journal* DOI: 10.1002/gj.3307. **IF: 1.654.**

Sharma A & Phartiyal B 2018. Late Quaternary palaeoclimate and contemporary moisture source to extreme NW India: A review on present understanding and future perspectives. *Frontiers Earth Science* 6 Article 150 doi:0.3389/feart.2018.00150. **IF: 1.66.**

- Sharma Mukund & Shukla B 2019. Akinetes from Late Paleoproterozoic Salkhan Limestone (>1600 Ma) of India: A proxy for understanding life in extreme conditions. *Front. Microbiol.* 10: 397.doi: 10.3389/fmicb.2019.00397. **IF: 4.259**.
- Sharma Mukund, Ahmad S, Pandey SK & Kumar K 2018. On the ichnofossil *Treptichnus pedum*: inferences from the Nagaur Sandstone, Marwar Supergroup, India. *Bulletin Geoscience* **93(3)**: 305-325. **IF: 1.395**.
- Sharma Mukund, Pandey SK, Ahmad S, Kumar K & Ansari AH 2018. Observations on the ichnospecies *Monomoriphichnus multilineatus* from the Nagaur Sandstone (Cambrian Series 2-Stage 4), Marwar Supergroup, India. *Journal of Earth System Sciences* **127**: Article 75. **IF: 0.890**.
- Shukla A & Mehrotra RC 2018. Early Eocene plant megafossil assemblage of western India: Palaeoclimatic and palaeobiogeographic implications. *Rev. Palaeobot. Palynol.* **258**: 123–132. **IF: 1.665**.
- Shukla A & Mehrotra RC 2019. First record of *Dioscorea* from the early Eocene of northwestern India: Its evolutionary and palaeoecological importance. *Rev. Palaeobot. Palynol.* **261**: 11–17. **IF: 1.665**.
- Shukla A, Mehrotra RC & Ali SN 2018. Early Eocene leaves of northwestern India and their response to climate change. *J. Asian Earth Sci.* **166**: 152–161. **IF: 2.762**.
- Shukla MK & Sharma A 2018. A brief review on breccia: its contrasting origin and diagnostic signatures. *Solid Earth Science* **3**: 50-59.
- Shukla MK & Sharma A 2018. Carbon isotope and REE characteristics of the Paleocene–Eocene shallow marine Subathu Formation from the NW Himalaya (India) and their palaeoenvironmental implications. *Chemie der Erde* **78**: 314–322. **IF: 1.723**
- Singh AK, Chakraborty PP & Sarkar S 2018. Redox structure of Vindhyan hydrosphere: clues from TOC, transition metal (Mo, Cr) concentrations and stable isotope ($\delta^{13}\text{C}$) chemistry. *Current Science* **115(7)** 1334-1341. **IF: 0.883**.
- Singh U, Phulara M, David B, Ranhotra PS, Shekhar M, Bhattacharyya A, Dhyani R, Joshi R & Pal AK 2018. Static tree line of Himalayan silver fir since last several decades at Tungnath, western Himalaya. *Tropical Ecology* **59(2)**: 351-363. **IF: 0.8**.
- Singh Rupendra, Chandra Ram, Tangri Anjani K, Kumar Rajesh, Bahuguna IM, Latief Syed Umer, Pandey Pratima & Ali Sheikh Nawaz 2018. Long-term Monitoring of Surging Glaciers in Upper Shyok Valley, Karakoram Range, India: A case study of Rimo and Kumdan Groups of Glaciers. *Journal of Climate Change* **4 (1)**: 1-12. **IF: 4.168**.
- Srivastava G, Mehrotra RC & Dilcher DL 2018. Paleocene *Ipomoea* (Convolvulaceae) leaves from India with implications for an East Gondwana origin of Convolvulaceae. *Proc. Natl. Acad. Sci., USA* **115**: 6028–6033. **IF: 9.504**.

- Srivastava G, Mishra SR, Barman P, Mehrotra RC & Tripathi SC 2018. *Lagerstroemia* L. fossil wood from the Indus molasse sediments (possibly late Miocene) of Trans-Himalayan region and its phytogeographic and climatic significance. *Rev. Palaeobot. Palynol.* **255**: 14–21. **IF: 1.674**.
- Srivastava G, Paudyal KN, Utescher T & Mehrotra RC 2018. Miocene vegetation shift and climate change: evidence from the Siwalik of Nepal. *Glob. Planet. Change* **161**: 108–120. **IF: 4.100**.
- Srivastava G, Su Tao, Mehrotra RC, Kumari P & Shankar U 2019. Bamboo fossils from Oligo-Pliocene sediments of northeast India with implications on their evolutionary ecology and biogeography. *Asia. Rev. Palaeobot. Palynol.* **262**: 17–27. **IF: 1.674**.
- Srivastava HB, Shrivastava PK, Roy SK, Beg MJ, Asthana R, Govil P & Verma K 2018. Transition in Late Quaternary palaeoclimate in Schirmacher region, East Antarctica as revealed from lake sediments. *Journal of Geological Society of India*, **91**: 651–663. **IF: 0.632**.
- Srivastava P, Sinha R, Deep V, Singh AK & Upreti N 2018. Micromorphology and sequence stratigraphy of the interfluvial palaeosols from Ganga plains: A record of alluvial cyclicity and palaeoclimate during the late quaternary. *Journal of Sedimentary Research* **88**: 105–128. **IF: 2.41**.
- Su Tao, Farnsworth A, Spicer RA, Huang J, Wu FX, Liu J, Li SF, Xing YW, Huang YJ, Deng WY-D, Tang H, Xu CL, Zhao F, Srivastava G, Valdes PJ, Deng T & Zhou ZK 2019. No high Tibetan Plateau until the Neogene. *Sci. Adv.* **5**, eaav2189. **IF: 12.804**.
- Thakur B, Saxena A & Singh IB 2018. Paddy cultivation during early Holocene: evidence from diatoms in Lahuradewa Lake sediments, Ganga Plain. *Current Science* **114**: 2106–2115. **IF: 0.866**.
- Thakur B, Seth P, Sharma A, Pokharia A, Spate M & Farooqui S 2019. Linking past cultural developments to palaeoenvironmental changes from 5000 years ago to present: A climate-culture reconstruction from Harshad estuary, Saurashtra, Gujarat, India. *Quaternary International* **507**: 188–196. **IF: 2.199**.
- Tripathi S, Basumatary SK, Singh YR, McDonald HG, Tripathi D & Singh LJ 2019. Multiproxy studies on dung of endangered Sangai (*Rucervus eldii eldii*) and Hog deer (*Axis porcinus*) from Manipur, India: Implications for palaeoherbivory and palaeoecology. *Rev. Palaeobot. Palynol.* **263**: 85–103. **IF: 1.7**.
- Tripathi Swati, Farooqui Anjum, Singh Veeru Kant, Singh Shilpi & Roy Rup Kumar 2018. Morphometrical analysis of *Ceiba* Mill. (Bombacoideae, Malvaceae) pollen: a sacred plant of the Mayan (Mesoamerican) civilisation. *Palynology* DOI: 10.1080/01916122.2018.1467350. **IF: 1.383**.

Tripathi S, Murthy S & Saxena A 2018. The 10th European Palaeobotany and Palynology Conference-2018, Dublin, Ireland. *Journal Geological Society of India* **92**: 769-769.
IF: 0.866.

Trivedi Anjali, Saxena Anju, Chauhan MS, Sharma Anupam, Farooquii Anjum, Nautiyal CM, Yao Yi-Feng, Yu-Fi Wang, Li Cheng-Sen & Tiwari DP 2019. Vegetation, climate and culture in Central Ganga plain, India: A multi-proxy record for Last Glacial Maximum. *Quat. Intern.* **507(25)**: 134-147. **IF: 1.952.**

Uddandam P, Prasad V, Thakur B & Manoj MC 2018. *Cristadinium striaospinosa*, a dinoflagellate cyst from the tropical region. *Journal of Paleontological Society of India* **63(1)**: 73-80. **IF: 0.5.**

Van Hardenbroek, M, Chakraborty A, Davies K, Harding P, Heiri O, Henderson A, Holmes J, Lasher GE, Leng M, Panizzo V, Roberts L, Schilder J, Trueman C & Woller M 2018. The stable isotope composition of organic and inorganic fossils in lake sediment records: Current understanding, challenges, and future directions. *Quaternary Science Reviews* **196**: 154-176. **IF: 4.334.**

Weerakoon WAP, Aggarwal N, Jha N, Jayasena HAH, Joshi H, Yakandawala D, Chandrajith R, Perera KVGS & Ratnayake NP 2019. Reconstruction of the Upper Gondwana palaeoclimates based on palynostratigraphy, palynofacies and sedimentology of the Jurassic sequences in the Tabbowa Basin, Sri Lanka. *J. Asian earth Sci.* <https://doi.org/10.1016/j.jseae.2018.09.004>. **IF: 2.8.**

Xie G, Yao Yi-Feng, Jin-Feng Li, Jian Yang, Jia-De Bai, Ferguson DK, Trivedi Anjali, Li, Cheng-Sen Wang & Yu-Fei 2019. Holocene climate, dynamic landscapes and environmentally driven changes in human living conditions in Beijing. *Ear. Sci. Rev.* **191**: 57-65. **IF: 9.530.**

Refereed Non-SCI Journals:

Adhikari P, Srivastava G, Mehrotra RC, Adhikari D, Shrestha K, Uhl D & Paudyal KN 2018. Leaf impressions of *Terminalia* (Combretaceae) and *Daphnogene* (Lauraceae) from the Middle Siwalik of the Chatara-Barahakshetra area, eastern Nepal. *Bull. Depart. Geology, Tribhuvan University, Nepal* **20-21**: 21–28.

Aggarwal N, Mishra S, Jha N & Rao PV 2018. Palynostratigraphy and correlation of Gondwana sediments in Kothagudem sub-basin of Godavari Graben, South India. *Palaeobotanist* **67**: 123-138.

- Agnihotri D, Pillai SSK, Aggarwal N, Tewari R, Jasper A & Uhl D 2018. Palynomorphs from the Barakar Formation of Dhanpuri Open Cast Mine, Sohagpur Coalfield, Madhya Pradesh. *Palaeobotanist* **67(2)**: 171–184.
- Awasthi N, Mehrotra, RC & Shukla A 2018. Some new fossil woods from the Cuddalore Sandstone of south India. *Palaeobotanist* **67**: 33–46.
- Basumatary SK, Tripathi S, Thakur B, Jalil A & Rahman A 2018. Mid-Holocene vegetation and climatic changes in southwestern Garo Hills, Meghalaya, northeast India based on pollen records. *Geophytology* **48**: 103-112.
- Chakraborty A & Pramanik S 2018. The changing scenario of morpho-taxonomic research and an accelerated demand of morphotaxonomists in bio-systematics. *Geophytology* **48(2)**: 157-160.
- Chinnappa C, Rajanikanth A & Kavali PS 2019. Palaeofloras from the Kota Formation, India: palaeodiversity and ecological implications. *Volumina Jurassica XVII*: 1–16.
- Kar R, Saha S, Haque F, Pramanik S & Ghosh Amit K 2018. Occurrence of Barakar (Early Permian) coal from Barapukuria Basin, Bangladesh. *Geophytology* **48(2)**: 125-129.
- Kawsar M, Manoj MC, Yoshida K, Baxter A & Reilly BT 2019. Morphological and chemical properties of microtektite grains from Bay of Bengal (IODP Expedition 354). *Society of Earth Scientists Series* (Springer SES). 10.1002/essoar.10500240.1.
- Mehrotra N & Shah SK 2018. A preliminary study of the modern pollen of Tripura, Northeast India. *The Palaeobotanist* **67(1)**: 21-31.
- Mehrotra RC & Srivastava G 2018. Neogene flora of Arunachal Himalaya. In: Das, AP & Bera S (Editors.) - *Plant diversity in the Himalaya hot spot region*. Bishen Singh, Mahendra Pal Singh, Dehradun **1**: 399–412.
- Morthekai P 2018. Philosophies for the palaeosciences - A review. *Proceedings of Indian National Science Academy* (DOI:10.16943/ptinsa/2018/49476).
- Pandita SK, Siddaiah NS, Tewari R, Chatterjee S & Agnihotri D 2018. Geochemistry of coal-bearing Permo-Triassic strata in Allan Hills, South Victoria Land, Antarctica: Implications for palaeoclimate. *Palaeobotanist* **67(1)**: 89–97.
- Prakash N & Das N 2018. A Catalogue of upper Gondwana (Jurassic–Early Cretaceous) plant megafossil genera of India. *BSIP Publication*, India. 59. pp.
- Sharma Mukund & Singh VK (2019). Megascopic carbonaceous remains from Proterozoic Basins of India. In *Geological Evolution of the Precambrian Indian Shield*, Springer (DOI:10.1007/978-3-319-89698-4_27).
- Singh A 2018. Latest Maastrichtian palaeoclimatic and depositional environmental perturbations, a record from *Micula prinsii* Zone of Meghalaya, northeastern India. *The Palaeobotanist* **67**: 209-219.

- Singh N, Singh V & Krishnaiah C 2018. The study of atmospherically deposited Spheroidal Carbonaceous Particles (SCP) from the Kongsfjorden, Svalbard. *Czech Polar Reports* **7(2)**: 206-215.
- Singh R, Phartiyal B, Patnaik R & Pandey B 2018. Record of a ~3000 year old bird humerus from Ladakh. *Anusandhan* **6(1)**: 12-17 DOI 10.22445/asvp.v6.i.13889 (in Hindi)
- Spate M, Betts A, Yatoo M, Kaloo Z, Fraser J, Rashid Y, Pokharia Anil K & Zhang G 2019. The northern Neolithic of the western Himalayas: New research in the Kashmir Valley. *Archaeological Research in Asia* <https://doi.org/10.1016/jара.2019.02.001>
- Srivastava A & Pokharia Anil K 2019. Pollen photomicrographs of traditional herbal medicinal plants as an aid to archaeopalynology of archaeological sites. *Pragdhara* **26**: 44-68.
- Srivastava G & Mehrotra RC 2018. *Barringtonia* Forster & Forster (Lecythidaceae) leaf from the late Oligocene of Assam, India. *Palaeobotanist* **67**: 139–145.
- Verma P & Singh A 2018. Palynology of Cenozoic successions of Kerala Basin: a review from the perspective of biostratigraphy and palaeoclimatic studies. *Palaeobotanist* **67(1)**: 99-111.
- Verma P 2018. A technique for the extraction of palynomorphs from Eocene amber. *Palaeobotanist* **67(2)**: 201-208.

General Articles/Reports Published

- Das N 2019. National Workshop on Sequence Stratigraphy and Basin Analysis. *Jour. Geol. Soc. India*. **93**: 623.
- Lone AM, Shah RA, Dey R, Ghadi P, Nuruzzama M & Rehman A 2018. Report on Quantitative reconstruction and numerical methods for analysis of past climate variability using diatoms. *Journal of the Geological Society of India*, doi: 10.1007/s12594-018-0966-y.
- Khan S, Azharuddin S & Tripathi S 2018. National Conference on Climate Change and Natural Resources: Impact and Sustainable Development in Indian Perspective. *Journal of the Geological Society of India* **91**: 643. (*Conference report published*).
- Misra S & Misra KG 2019. Phytoremediation: an alternative tool towards clean and green environment. Springer Nature Singapore Pte Ltd. S. Shah *et al.* (Editors) - Sustainable green technologies for environmental management, https://doi.org/10.1007/978-981-13-2772-8_5.

Tripathi S, Murthy S, Saxena A. 2018. The 10th European Palaeobotany and Palynology Conference-2018, Dublin, Ireland. *Journal of the Geological Society of India* **92**: 769. (*Conference report published*).

In Edited volumes/books chapter

Misra S, Srivastava PK & Arif Md 2018. Remote sensing, structural and rock magnetic analyses of the Ramgarh structure of SE Rajasthan, central India - Further clues to its impact origin and time of genesis. "Tectonics and Structural Geology: Indian Context", *Springer Geology Book* Edited by Dr. Soumyajit Mukherjee, IIT Mumbai: 327-352.

Padmalal Akash, Khonde Nitesh, Maurya DM, Shaikh Mohammed Haroon, Kumar Abhishek, Vanik Naimisha & Chamyal LS 2019. Geomorphic characteristics and morphologic dating of the Allah Bund Fault scarp, Great Rann of Kachchh, western India. *Invited book chapter in Springer Tectonics and Structural Geology: Indian Context; Mukherjee S (Editor)*, pp 55-74 https://doi.org/10.1007/978-3-319-99341-6_3.