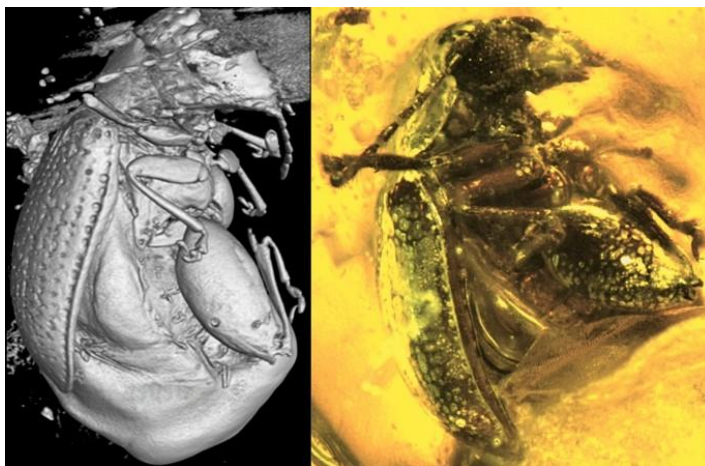


**Monthly Summary Report- June 2026**  
**Birbal Sahni Institute of Palaeosciences**

**Any significant development/achievement that you feel warrants being brought to Cabinet Secretary's notice:**

During the Middle Eocene period (~45 MA), dense tropical rainforests covered parts of western India. Sticky tree resin occasionally trapped small insects and later hardened into amber. In this study, scientists discovered a previously unknown species of fossil leaf beetle, named *Cambaltica patra*, from amber collected in the Kutch Basin of Gujarat. This is the first fossil leaf beetle ever reported from Kutch amber and only the second



known species of the extinct genus *Cambaltica*. The study used advanced synchrotron micro-CT scanning; a non-destructive imaging technique that creates detailed three-dimensional images of fossils hidden inside amber. The beetle measures only about 1.1 mm in length, making it one of the smallest fossil leaf beetles ever discovered. The discovery is important because it provides new information about the insects that lived in ancient Indian rainforests and helps scientists understand how beetles evolved over millions of years. The close similarity between the Kutch fossil and an older species previously found in Cambay amber suggests that these beetles survived in western India for at least ten million years despite environmental changes. This finding also strengthens evidence that the ancient forests of the Kutch and Cambay basins were closely related and supported similar insect communities. The study highlights the scientific importance of Indian amber deposits for reconstructing ancient biodiversity, rainforest ecosystems, climate and the evolutionary history of insects. (Agnihotri et al 2026; PalZ; Figure Caption: Graphical abstract showing micro-CT volume rendered image of *Cambaltica patra* sp. nov. from the middle Eocene amber of the Kutch Basin, India).

**Total 13 Research Papers published in high impact international journals during this month.**

**Event Highlights during June 2026:**

1. Birbal Sahni Institute of Palaeosciences (BSIP), Lucknow, organized a two-day National Workshop on “Nature Archives and Climate Futures: Pathways to Climate Resilience and Sustainable Development” during 3–4 June 2026 in hybrid mode to mark World Environment Day 2026.
2. BSIP organized a multidisciplinary workshop titled “Resonance and Healing: When Music Dialogues with Science, Communication, and Health” on 27 May 2026 with renowned musical experts Shri Kanhaya Lal Pandey and Dr. Umesh C. Pathak.
3. BSIP celebrated the 12th International Day of Yoga 2026 with the theme “Yoga for Healthy Ageing” on 21st June 2026.
4. Three Episodes of BSIP exclusive radio Podcast program “संसाधन संसाधन संसाधन” has been released during this month in which BSIP scientists (Dr C M Nautiyal, Dr. Gaurav Srivastava and Dr Sadhan Kumar Basumatary, Scientists BSIP) have narrated the various scientific stories about the Mother Earth. This program can be listened on KGMU Goonj App and Fm Radio station (89.6 MHz and You Tube Channel).

5. ଶ୍ରୀମତୀ. ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ. ଶ୍ରୀମତୀ, ଶ୍ରୀମତୀ, ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ (BSIP), ଶ୍ରୀମତୀ 3 ଶ୍ରୀମତୀ 2026 ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ (ଶ୍ରୀମତୀ), ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ: “ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ: ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ” ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ
6. ଶ୍ରୀମତୀ. ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ, ଶ୍ରୀମତୀ. ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ, ଶ୍ରୀମତୀ 'ଶ୍ରୀମତୀ', ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ, ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ, ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ (BSIP) ଶ୍ରୀମତୀ 3-4 ଶ୍ରୀମତୀ 2026 ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ (ଶ୍ରୀମତୀ), ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ “ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ: ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ” ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ
7. Dr. Srikanta Murthy, Scientist-F, received the prestigious Sharda Chandra Gold Medal 2025 from the Palaeontological Society of India during the 30th Indian Colloquium on Micropalaeontology and Stratigraphy (ICMS), held from 10–12 June 2026 at IIT Bhubaneswar, Odisha.
8. Dr. Shreya Mishra, Scientist-C, received the prestigious Mani Shanker Shukla Gold Medal 2026 from the Palaeontological Society of India during the 30th ICMS held from 10–12 June 2026 at IIT Bhubaneswar, Odisha.
9. 18 BSIP research staff including scientists and research scholar participated in the 30th ICMS conference held at IIT Bhubneswar, Odisha.
10. BSIP won the bid to organize 31st ICMS conference which is going to be held in 2028 at BSIP campus.
11. Ms. Sneha Santhosh, Research scholar, BSIP receiving the Colin Ward Emerging Student Researcher Award-2026 from The Society for Organic Petrology (TSOP).
12. Mr. Suraj Kumar Sahu represents India at the prestigious Cells to Ecosystem Summer School 2026 held in the USA and received an international travel grant to present his research at the 58th Annual Meeting of AASP – The Palynological Society.
13. A total of 06 manpower trained through internships and dissertation in research domain of Earth Sciences during this month.

<b>Information to be provided quarterly</b>		
<b>Sr. No.</b>	<b>Indicator</b>	<b>Current Quarter (April-June 2026)</b>
1.	(i) No. of technologies developed	Nil
2.	(ii) No. of technologies commercialized	Nil

**Photographs showing important highlights of major programs/research activities organized during June 2026:**

