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Volume 117 Number 1

10 July 2019



Composite radial filter for recharging aquifers

Harvesting earthworms from coconut leaf vermicompost

Evaluation of policies on the use of UAVs in Indian agriculture

Current Science Association ■ Indian Academy of Sciences



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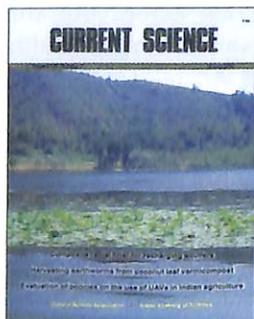
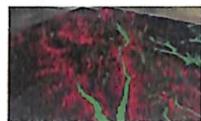
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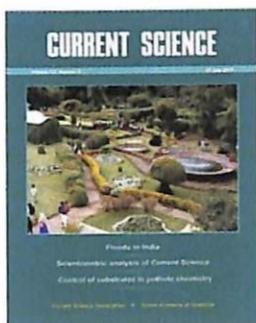
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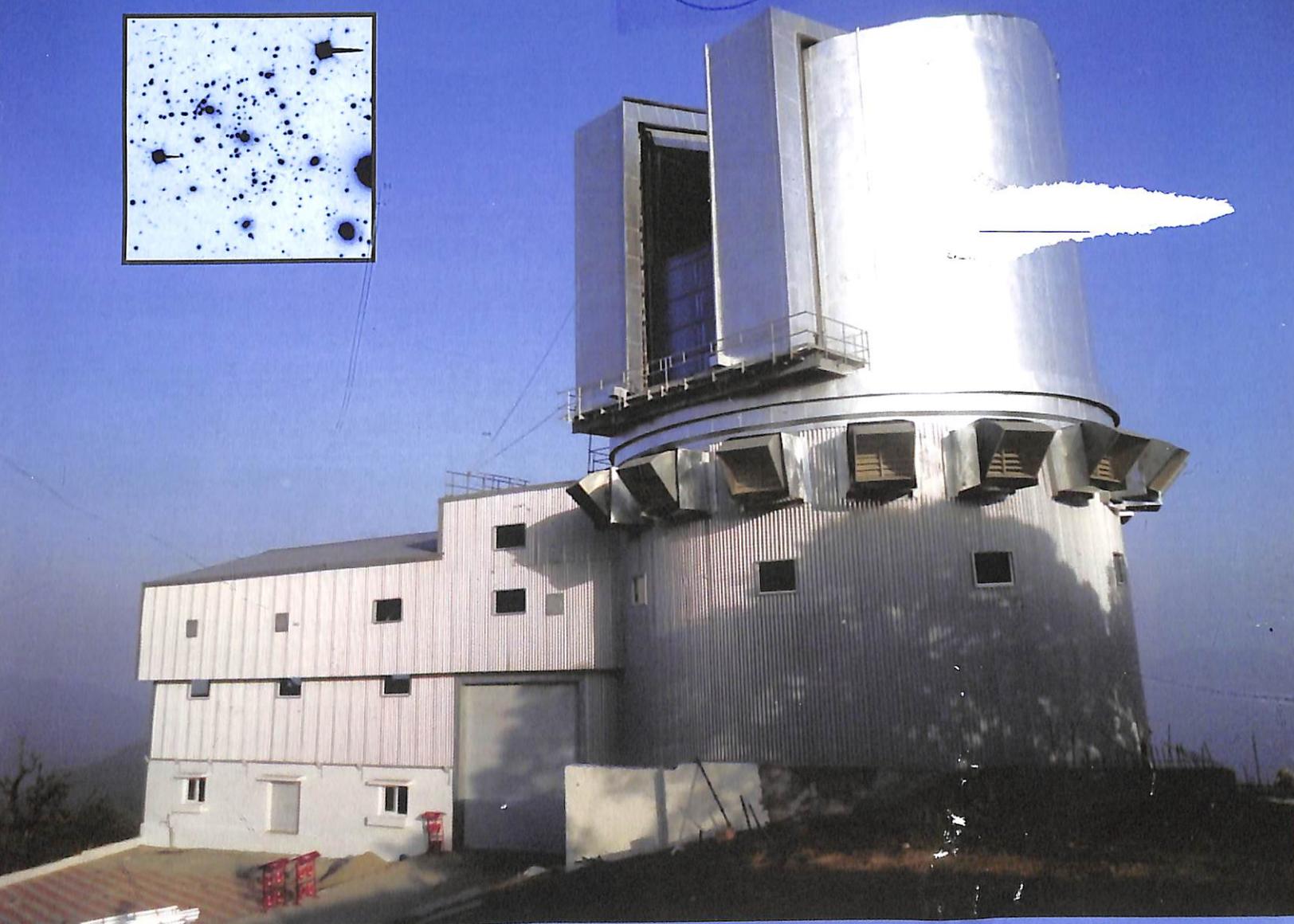
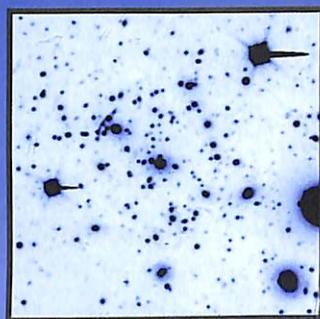
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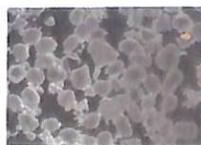
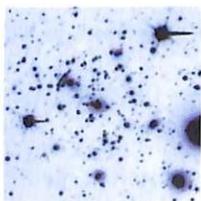
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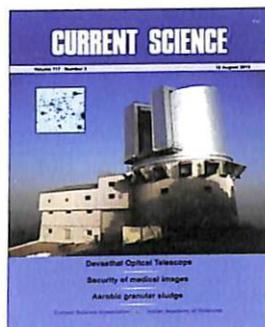
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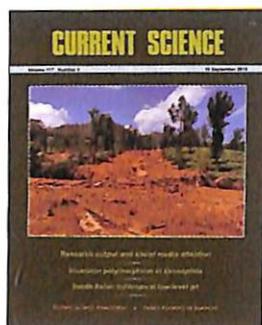
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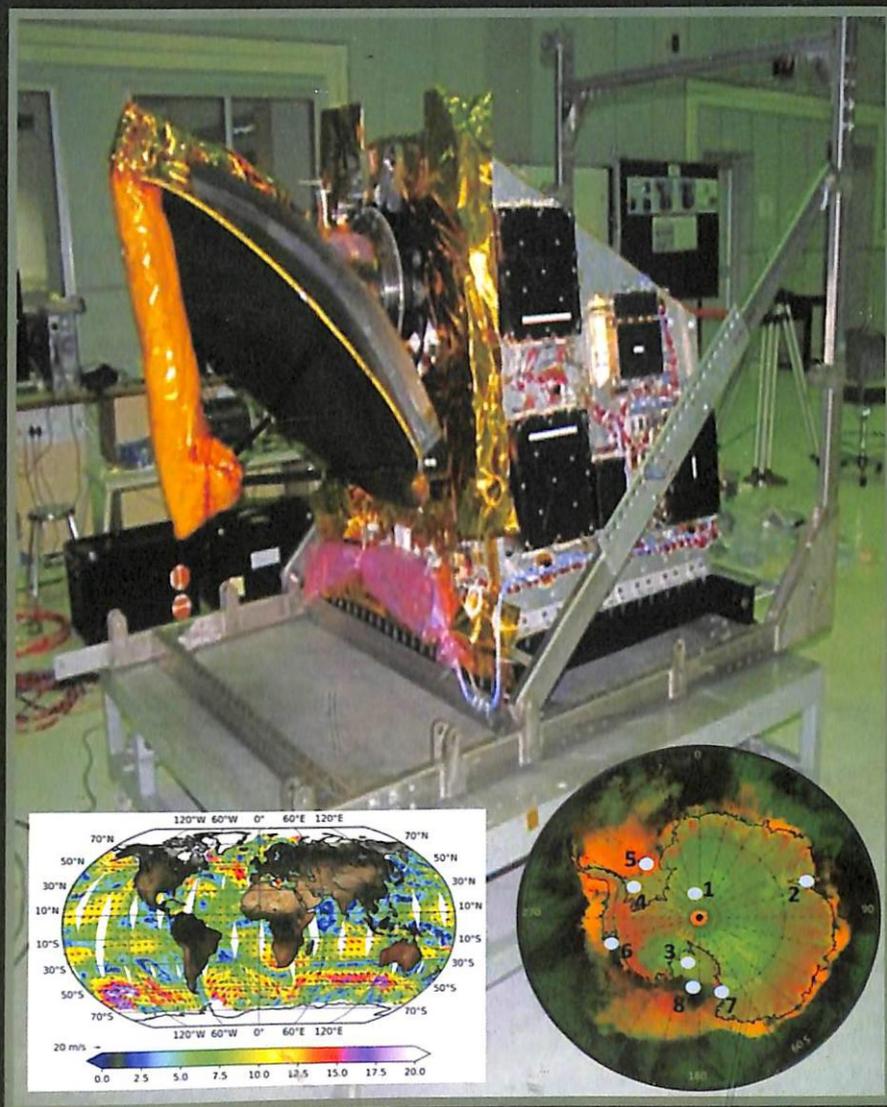
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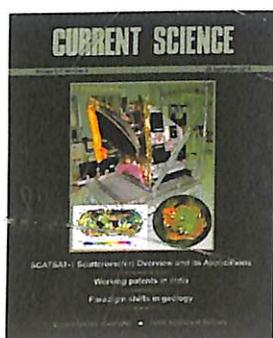
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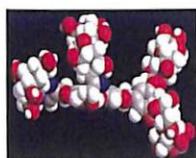
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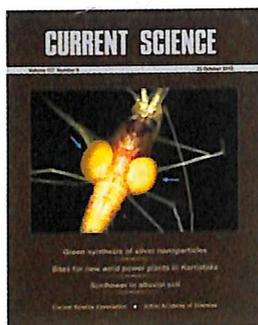
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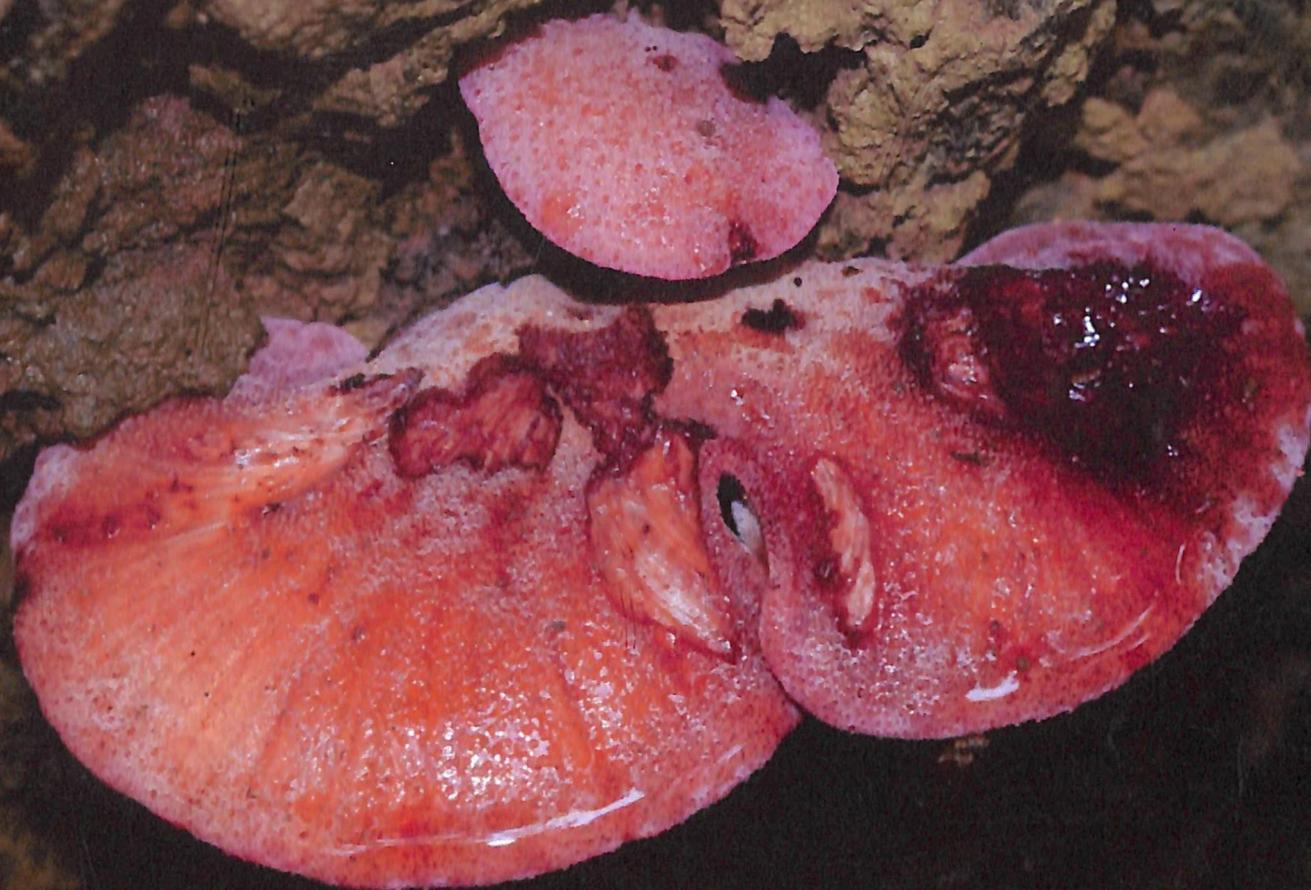
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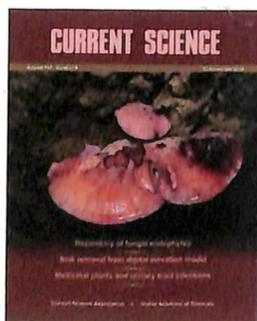
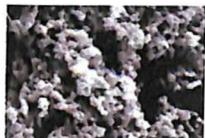
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- 1793 Increase in articles published by authors from Mainland Chinese hospitals in high-impact journals: a comparison between 2012 and 2017
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- 1863 **Spectral characteristics of Common Iora *Aegithina tiphia* vocalizations and their context-specific preferences**
C. Divyapriya and P. Pramod
- 1871 **Errata: B. V. Sreekantan (1925–2019)**, Palahalli R. Vishwanath [*Curr. Sci.*, 2019, 117(10), 1740–1743]

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- 1879 **Fate and transport of microplastics from water sources**
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- 1885 **Transcriptomic analysis of chilling-treated tobacco (*Nicotiana tabacum*) leaves reveals chilling-induced lignin biosynthetic pathways**
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- 1892 **The Sandan slot canyon in the Deccan Traps: its morphology and mode of origin**
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- 1897 **History of the Calcutta School of Physical Sciences.** Purabi Mukherjee and Atri Mukhopadhyay; *reviewed by* Arnab Rai Choudhuri ■ 1898 **Emerging Technologies for Sustainable Desalination Handbook.** Veera Gnanaswar Gude (ed.); *reviewed by* Purnima Jalihal ■ 1899 **The Management of Industrial Forest Plantations: Theoretical Foundations and Applications.** José G. Borges, Luis Diaz-Balteiro, Marc E. McDill and Luiz C. E. Rodriguez (eds); *reviewed by* S. Suresh Ramanan

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- 1901 **Sister Nivedita's role in J. C. Bose's publications: a historical perspective**
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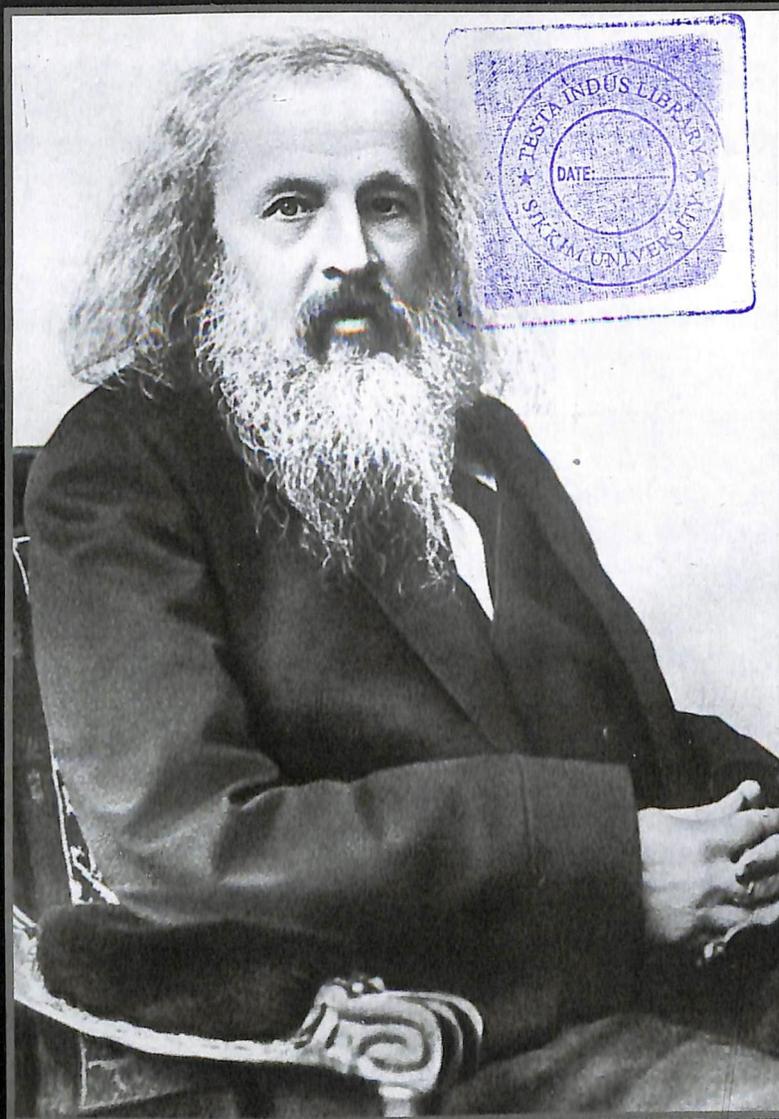
◀ COVER. Common Iora *Aegithina tiphia* male assuming breeding plumage. (Photo: S. Jeevith). See page 1863.

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- 1990 **Positron annihilation spectroscopic studies of sintering effect on sol-gel-synthesized SiO₂ wide band gap semiconductor nanocrystals**
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- 2014 **Carbon sequestration potential of agroforestry systems in the Indian arid zone**
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- 2034 **Development of optimal weight algorithm for efficient application of dual tree complex wavelet transform for resolution enhancement of satellite images**
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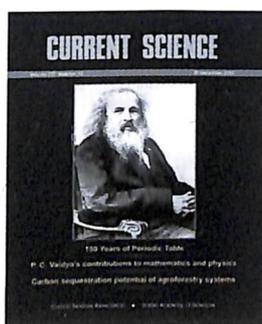
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- ◀ COVER. Dmitri Mendeleev (1834–1907) – Creator of the Table of Elements. See special section.

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