

CURRENT SCIENCE

Volume 121 Number 4

25 August 2021

462 **In this issue**

GUEST EDITORIAL

- 463 **Communicating science to the general public: role of scientists and science writers**
Raghavendra Gadagkar

CORRESPONDENCE

- 465 ***Drosophila ananassae*: an interesting biological model**, B. N. Singh ■ 467
Mapping INSA fellowship to research area performance, Gangan Prathap

NEWS

- 469 **Current Science Reports**

OPINION

- 473 **Administering agroforestry at the district level**
Ayyandar Arunachalam, S. Suresh Ramanan and A. K. Handa

SCIENTIFIC CORRESPONDENCE

- 475 ***Gymnocolea* (Dumort.) Dumort. (Anastrophyllaceae, Marchantiophyta) – a genus new to India**
Richa Arya, Manisha Bhandari, S. D. Tewari and Prachi Joshi

- 476 **Reproductive features of ornamental caridean shrimps under captive condition**
Sheena Jose, P. Purushothaman, T. T. Ajith Kumar and Kuldeep Kumar Lal

GENERAL ARTICLES

- 479 **One big science project or 1000 smaller ones?**
Shelia X. Wei, Howell Y. Wang, Cong Cao and Fred Y. Ye

- 485 **Conservation of hangul, *Cervus zanglu* – paving the way ahead**
Tanushree Srivastava and Karthikeyan Vasudevan

REVIEW ARTICLE

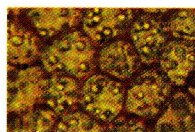
- 490 **Use of tree cavities by Indian vertebrates: status of research, knowledge gaps and future conservation perspectives**
Bharati Patel, Sreejith Sivaraman and Peroth Balakrishnan

RESEARCH ARTICLES

- 502 **Risk factors in childhood stunting in Karnataka, India, vary by geography**
Srilakshmi M. Raj, Ruwanthi Ekanayake, Kiera Crowley, Meenakshi Bhat, Jayarama Kadandale and Prabhu L. Pingali

- 511 **Failure analysis of transmission line tower subjected to combined wind and dust loads**
Shaik Esub Salaam, N. Prasad Rao and P. Krishnam Raju

- 521 **Estimation of economic loss and identifying the factors affecting the crop raiding behaviour of Asian elephant (*Elephas maximus*) in Nilambur part of the southern Western Ghats, Kerala, India**
Riju P. Nair and E. A. Jayson



- 529 **Modelling of volcanic ash with HYSPLIT and satellite observations: a case study of the 2018 Barren Island volcano eruption event, Andaman Territory, India**
Goutham Krishna Teja Gunda, P. K. Champatiray, Mamta Chauhan, Prakash Chauhan, Mijanur Ansary, Arya Singh, Yateesh Ketholia and S. Balaji

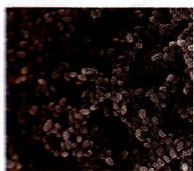


- 539 **Decadal changes in land degradation status of India**
K. Sreenivas, G. Sujatha, Tarik Mitran, K. G. Janaki Rama Suresh, T. Ravisankar and P. V. N. Rao

- 551 **Anomalous subsurface VLF electric field emissions related to Nepal earthquakes ($M = 7.8$, $M = 7.3$), and their generation and propagation mechanisms**
Sarita Sharma, Raj Pal Singh, Birbal Singh and Devbrat Pundhir

- 560 **Geochemical analysis and scientific conservation of the exterior surface of the ancient Kedarnath temple, Uttarakhand, India**
Vimal Kumar, S. S. Panda, B. P. Nauni, Ram Ji Nigam and Barun K. Mukherjee

RESEARCH COMMUNICATIONS



- 567 **The Arctic sea-ice navigability index**
Mukesh Gupta

- 570 **Characterization of granulosus viruses of sugarcane early shoot borer, *Chilo infuscatellus* (Snell.) and internode borer, *Chilo sacchariphagus indicus* (Kapur)**
M. Kannan, N. Geetha, K. Elango, M. Mohan and G. Sivakumar

- 573 **Evaluation of probability distribution functions applied to tree diameter in a mixed uneven Kiker (*Robinia pseudoacacia*) stand of Kashmir Himalaya, India**
Tariq H. Masoodi, Immad A. Shah, Meraj U. Din Dar, Parvez A. Sofi and Javeed A. Mugloo



- 578 **Identification of male-specific active host plant volatiles for maize stem borer, *Chilo partellus* Swinhoe**
Niraj Guleria, Suresh M. Nebapure, P. D. Kamala Jayanthi, S. B. Suby and P. Saravan Kumar

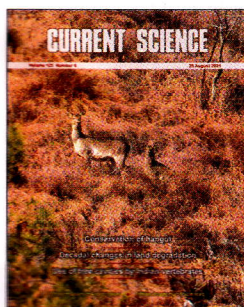
- 581 **Mites: an emerging problem for bumblebees in the Indian Himalayan Region**
Rifat Husain Raina, Babu Saddam, Aejaaz H. Parrey, Purnima Pathak and Kailash Chandra

BOOK REVIEW

- 586 **Annual Review of Biochemistry, 2020.** Roger D. Kornberg *et al.* (eds); reviewed by Prasanna K. Santhekadur

PERSONAL NEWS

- 588 **M. Udayakumar (1946–2021), M. S. Sheshshayee, K. V. Ravishankar and M. G. Purushothama** ■ 589 **Hare Krishna Pradhan (1945–2020), Susen K. Panda, M. S. Mahesh and Ranjan K. Mohanta**



- ◀ **COVER.** Hangul hinds (female) sighted in lower Dachigam in December 2019. See page 485.

Indexed in CURRENT CONTENTS/GEODATABASE/CHEMICAL ABSTRACTS/IndMED/SCOPUS/WEB OF SCIENCE