

CURRENT SCIENCE

10 February 2023

Volume 124 Number 3

282 **In this issue**

EDITORIAL

- 283 **We are what we eat: missing the microbiome?**
Balasubramanian Ramakrishnan

CORRESPONDENCE

- 285 **Making sense of the WHO COVID-19 estimated excess deaths**
Gangan Prathap

NEWS

- 286 **The 2022 Subrahmanyan Chandrasekhar Prize of Plasma Physics awarded to Arnab Rai Choudhuri**
Sameen Ahmed Khan

COMMENTARY

- 287 **Spreading of antimicrobial resistance in agro-ecosystems: urgent need of assessment**
Suresh Kumar Dubey and Tapan Kumar Adhya

- 289 **Evolution is the unifying theory of biology**
Bashisth N. Singh

SCIENTIFIC CORRESPONDENCE

- 291 **Propagation through root suckers in *Garcinia lanceifolia* Roxb., an endemic medicinal plant species of North East India**
Ajay Kumar, Ankur Jyoti Saikia and Prosanta Hazarika

GENERAL ARTICLE

- 292 **Elasmobranch conservation, challenges and management strategy in India: recommendations from a national consultative meeting**
K. V. Akhilesh, Shoba Joe Kizhakudan, M. Muktha, T. M. Najmudeen, Sujitha Thomas, Divya Karnad, Dipani Sutaria, Merwyn Fernandes, Trisha Gupta, Naveen Namboothri, Vardhan Patankar, Swatipriyanka Sen, Sijo P. Varghese, A. Biju Kumar, Alissa Barnes, K. K. Bineesh, Sajan John, Mayuresh Gangal, M. Hashim, Vinod Malayilethu, Zoya Tyabji, Malaika Vaz, Sandhya Sukumaran, G. B. Purushottama, Livi Wilson, V. Mahesh, Rekha J. Nair, L. Remya, Shikha Rahangdale, P. P. Manojkumar, K. Sivakumar, E. Vivekanandan, P. U. Zacharia and A. Gopalakrishnan

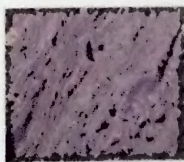
REVIEW ARTICLE

- 304 **Diversity and role of flower visitors in onion seed production**
M. Pushpalatha, C. S. Patil and Dnyaneshwar M. Firake

RESEARCH ARTICLES

- 313 **Impact of lifestyle intervention among prediabetic individuals**
R. Grace Janet Mary Ann and K. Karthiga
- 319 **An optimal vaccination strategy for pandemic management and its impact on economic recovery**
Vansh Kodesia, Ankur Suri and Sarita Azad
- 327 **DNA barcoding of rotifers along the Cochin backwaters, southwest coast of India**
Asha Ravi, Sandhya Sukumaran, Molly Varghese and Neenu Raj





- 333 **Iron technology in medieval Kerala: archaeometallurgical studies on iron artefacts from Triprangode**
Mo Rizwan Ahmad Qureshi, Nishkarsh Srivastava, Alok Kumar Kanungo, Amit Arora and Krishna Raj, K.
- 340 **Geoelectrical study for groundwater resources in parts of the Ahmedabad and Gandhinagar cities, Gujarat, India**
Rakesh Nikam, G. Pavankumar, Vasu Pancholi, Dilip Singh, Mehul Nagar, D. Nagarjuna and Sumer Chopra
- 348 **Cannibalistic nature and time of habitat occupancy of invasive maize fall armyworm, *Spodoptera frugiperda* are the key factors for competitive displacement of native stem borer, *Sesamia inferens* in India**
C. M. Kalleshwaraswamy, J. Divya, H. B. Mallikarjuna, Sharanabasappa S. Deshmukh and C. Sunil

RESEARCH COMMUNICATIONS

- 355 **Financial burden of psychiatric disorders of Telangana state, India**
Gopala Sarma Poduri
- 359 **Sahyadri gourd (*Momordica sahyadrica*): a lesser-known albeit important traditional vegetable**
Chaudhari Ganesh Vasudeo, A. R. Desai, Parag M. Gawas, Dhillan Velip and Parveen Kumar
- 363 **Study of decadal variations in width and mangrove cover of the Thane Creek, Maharashtra, India, using remote sensing**
Anjaneyulu Adluri, Manas Manjrekar, Harshal Karve and V. Simhadri Naidu
- 370 **Addendum: Set cover model-based optimum location of electric vehicle charging stations, Binal Vansola, Minal and Rena N. Shukla [*Curr. Sci.*, 2022, 123(12), 1448–1454]**

BOOK REVIEW

- 371 **Wireless: The Latest Telecom Story. Seventh Revised Edition.** Mohan Sundara Rajan; reviewed by S. Sampathkumar

PERSONAL NEWS

- 373 **Kankan Bhattacharyya (1954–2022),** Puspendu Kumar Das and Pratik Sen

ACADEMY NEWS

- 375 **Indian Academy of Sciences announces new Fellows for 2023**
-



- ◀ **COVER.** Swords and an iron age designed painted dish from Triprangode, Kerala. See page 333.

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