PERIODICALS COVERED

S. No.	Name of the Journal	Vol./ Issue No.	Month	Year	Pages
1.	Aakrosh	18/69	October	2015	01
2.	American Journal of Physics	83/09-10	Sept. & Oct.	2015	02-04
3.	Bharatiya Aadhunik Shiksha (H)	35/03	January	2015	05
4.	Bioscience	65/09-10	Sept. & Oct.	2015	06-09
5.	Campus Counsellor	09/03	November	2015	10
6.	Current Science	109/08-09	Oct.-Nov.	2015	11-15
7.	Dastavez- 147 (H)	37/03	April-June	2015	16
8.	Desh (B)	59/01-02	2-17th Nov.	2015	17
9.	Down to Earth	24/12-13	November	2015	18-21
10.	Economic and Political Weekly	50/43-45	Oct.-Nov.	.2015	22
11.	Edutracks	15/03	November	2015	24
12.	ELT Journal	69/03	July	2015	25-26
13.	Emerging Science	01/03	September	2015	27
14.	Gaveshna (H)	105	July-Sept.	2015	28-29
15.	Harvard Educational Review	85/03	Fall	2015	30-31
16.	Indian Educational Review	52/02	July	2014	32
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18.	Indian Journal of Experimental Biology	53/11	November	2015	34-35
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20.	International Journal of Science Education	37/11-12	August.	2015	37-38
21.	Jhankar (O)	67/08	November	2015	39
22.	Journal of Astrophysics and Astronomy	36/03	September	2015	40
23.	Journal of Chemical Education	92/07	July	2015	41-44
24.	Journal of Chemical Education	92/09	September	2015	45-49
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28.	Journal of Indian Library Association	51/01-02	January-June	2015	57-58
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B= Bengali H= Hindi O= Oriya

AAKROSH

ASIAN JOURNAL ON TERRORISM AND INTERNAL CONFLICTS

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NEW DELHI

AMERICAN JOURNAL of PHYSICS

CODEN: AJPIAS
ISSN: 0002-9505

Volume 83, No. 9
September 2015

Cover figure: (a) Photograph of the caustics (boundaries between bright and dark regions) due to an acrylic sphere illuminated by white light. (b) Illumination of a hexagonal glass prism yields no caustics, but gives rise to other interesting optical features. See the article on page 751 to learn how hexagonal ice crystals lead to a wide range of atmospheric optical phenomena.

(Continued)

AMERICAN JOURNAL OF PHYSICS Volume 83, No. 9 September 2015

APPARATUS AND DEMONSTRATION NOTES

BOOK REVIEWS

AMERICAN JOURNAL of PHYSICS

CODEN: AJPIAS
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Volume 83, No. 10
October 2015

Cover figure: A collision of colored water drops is photographed while in free fall. Such collisions can resemble nuclear and galactic collisions, and can provide useful insights into these processes. See the article on page 846 to learn more about the simple apparatus used for these experiments.

ISSN 0972-5636

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भारतीय आधुनिक शिक्षा

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BioScience • SEPTEMBER 2015 • VOLUME 65 • NUMBER 9

NEWS AND OPINION

OVERVIEW ARTICLES

SPECIAL SECTION: TROPICAL FOREST RESPONSES TO LARGE-SCALE EXPERIMENTS

Cover: This experimental burn was set in the forests of the southeastern Amazon near the town of Canarana, Mato Grosso state, Brazil. The experiment is the largest and longest-running burn experiment in the Amazon. It aims to see how increasing fires are changing forest dynamics in the southeastern Amazon, where the agricultural frontier is leaving drier forest edges that are more prone to catch fire from ignitions that escape from intentional land use and management fires. The experimental burns set by the researchers move slowly and at low intensities in the forest interior, but they can still have damaging effects on trees that are not adapted to fire, particularly when drought and fire coincide. These effects are described in an article in this issue by Jennifer K. Balch and her colleagues. The article is part of a Special Section on Tropical Forest Responses to Large-Scale Experiments. Photograph: Jennifer K. Balch.

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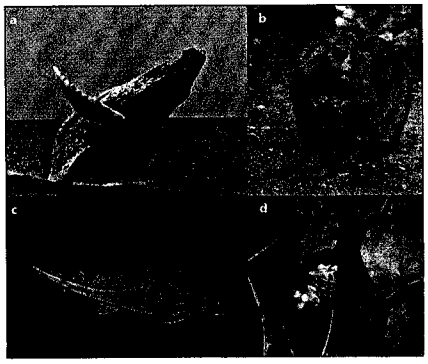

Species for which surprising historical data altered the conservation outcome: Humpback whale, North American beaver, Atlantic cod, and balloon wine. An article on the importance of surprising results, by Loren McClenachan and colleagues, appears in this issue. Photographs: Wikicommons

Printed by The Sheridan Press

Coming next month

Functional Flows in Modified Riverscapes: Hydrographs, Habitats and Opportunities

Common and Species-Specific Roles of Oviductal Proteins in Mammalian Fertilization and Embryo Development

Ecological Networks in Stored Grain: Key Postharvest Nodes for Emerging Pests, Pathogens, and Mycotoxins

The Living Dead: Time to Integrate Scavenging into Ecological Teaching

Where Tree Planting and Forest Expansion Are Bad for Biodiversity and Ecosystem Services

Fall Focus on Books

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NEWS AND OPINION

OVERVIEW ARTICLES

Cover: Railways distribute the majority of stored wheat in the United States, from local rail-loading elevators such as the one shown here to larger regional elevators and ultimately to sites for processing or export. Stored grain offers a unique environment for insect pests and pathogens, including pathogens that produce mycotoxins. These unwanted passengers can move with wheat by rail among regions separated by thousands of kilometers, potentially spreading new problems such as pesticide-resistant subpopulations or quarantined species. In an article in this issue, John F. Hernandez Nopsa and his colleagues use network models to evaluate the structure of stored grain transport systems in the United States and Queensland, Australia. They identify locations that are key for sampling and mitigating movement of insect pests, pathogens, and mycotoxins. Photograph: John F. Hernandez Nopsa.