

CAMBRIDGE

JOURNALS

The Journal of Agricultural Science

Senior Editor (Animal papers)

Julian Wiseman, *University of Nottingham, UK*

Senior Editor (Crops & Soils papers)

Paul Bilsborrow, *Newcastle University, UK*

The Journal of Agricultural Science publishes papers concerned with the advance of agriculture and the use of land resources throughout the world. It publishes original scientific work related to strategic and applied studies in all aspects of agricultural science, including: crop and animal physiology, modelling of crop and animal systems, the scientific underpinning of agronomy and husbandry, engineering solutions, decision support systems, land use, environmental impacts of agriculture and forestry, impacts of climate change, rural biodiversity, experimental design and statistical analysis, the application of new analytical and study methods (including molecular studies). The journal also publishes book reviews and letters.

Submit your research online

<http://mc.manuscriptcentral.com/jagrisci>

For free online content visit:
<http://journals.cambridge.org/ags>



The Journal of Agricultural Science is available online at:
<http://journals.cambridge.org/ags>

To subscribe contact Customer Services

Americas:

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

subscriptions_newyork@cambridge.org

Rest of world:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

Free email alerts

Keep up-to-date with new material – sign up at

journals.cambridge.org/ags-alerts

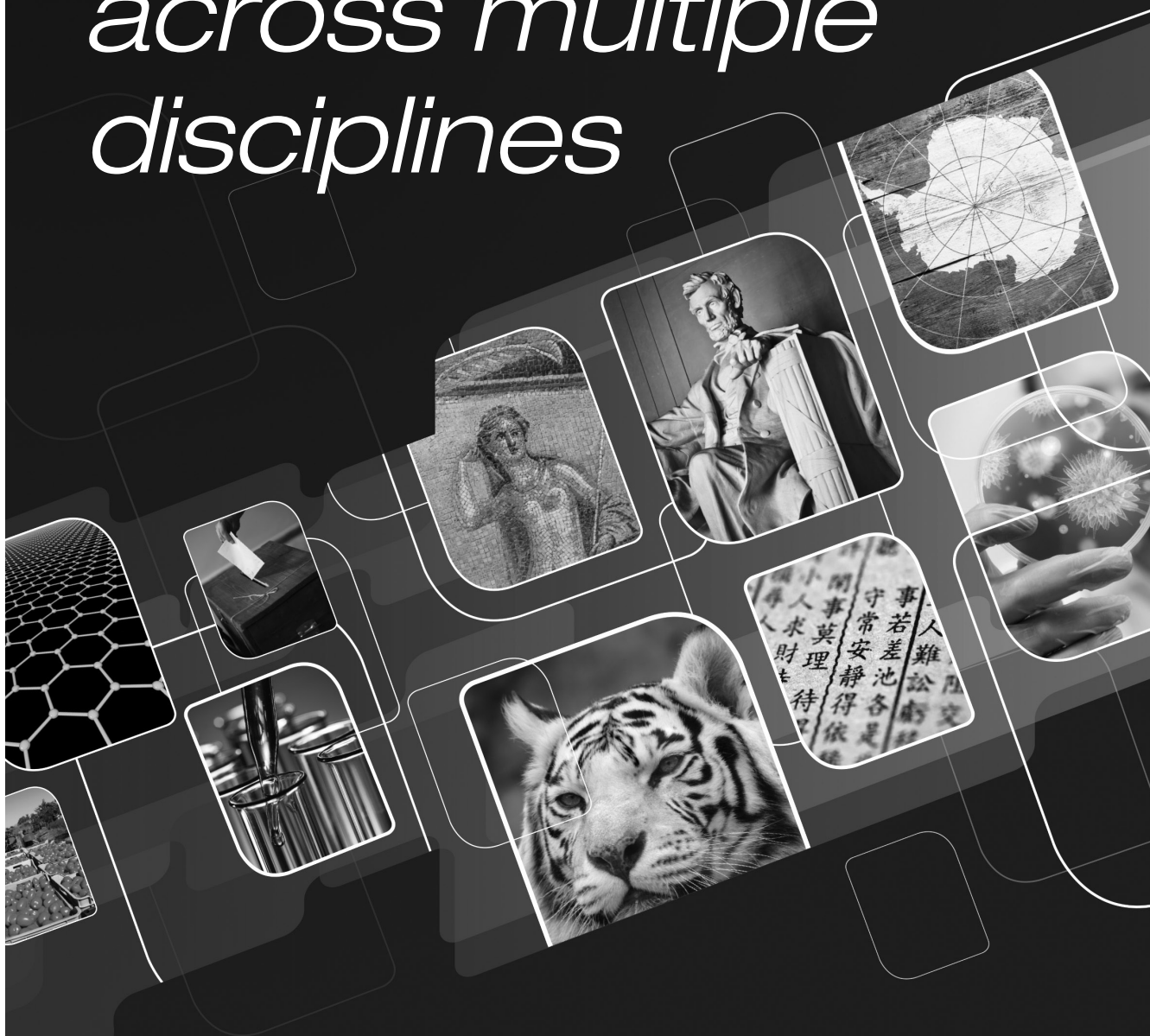


CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

*Leading titles
across multiple
disciplines*



Access today at:
journals.cambridge.org



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

Experimental Agriculture

Editor

Dave Harris, *ICRISAT, Kenya*

Experimental Agriculture publishes the results of original research from any source on the agronomy of field, plantation and herbage crops grown for human or animal food; for industrial purposes; and on systems of agricultural production, particularly in the warmer regions of the world. It is especially concerned with experimental work designed to explain agronomic results in biological and environmental terms. The journal publishes accounts of new experimental techniques, new methods of crop production and discusses problems in countries where production is developing rapidly. There are regular book reviews and occasional, often invited, reviews of research.

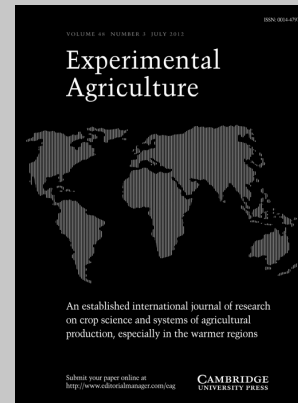
For free online content visit:

<http://journals.cambridge.org/eagsample>

Free email alerts

Keep up-to-date with new content

<http://journals.cambridge.org/eag-alerts>



Experimental Agriculture
is available online at:
<http://journals.cambridge.org/eag>

To subscribe contact Customer Services

Americas:

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

subscriptions_newyork@cambridge.org

Rest of world:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

Price Information

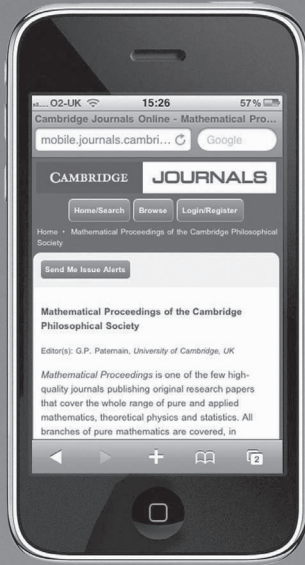
is available at:

<http://journals.cambridge.org/eag>



CAMBRIDGE
UNIVERSITY PRESS

Cambridge Journals Collections



Over 280 leading titles online

As Complete Collection, HSS or STM

Via Cambridge Journals Online (CJO) or CJO Mobile (CJOm)

Please email: jnlsales@cambridge.org for further info



CONTENTS

Ecological services performed by the bonobo (*Pan paniscus*): seed dispersal effectiveness in tropical forest
David Beaune, François Bretagnolle, Löic Bollache, Chloé Bourson, Gottfried Hohmann & Barbara Fruth 367

Seed dispersal by the lek-forming white-bearded manakin (*Manacus manacus*, Pipridae) in the Brazilian Atlantic forest
César Cestari & Marco Aurélio Pizo 381

Seed rain under the canopies of female and male *Myrsine coriacea*, a pioneer tree from the Brazilian Atlantic forest
Romualdo Morelato Begnini & Tânia Tarabini Castellani 391

Phenology, abundance and consumers of figs (*Ficus* spp.) in a tropical cloud forest: evaluation of a potential keystone resource
Gustavo H. Kattan & Leonor A. Valenzuela 401

Overlap and resource sharing in coterries of fruit-eating birds
Adriano Marcos da Silva & Celine de Melo 409

Predation ecology of large sympatric carnivores as influenced by available wild ungulate prey in a tropical deciduous forest of Central India
Aniruddha Majumder, Kalyanasundaram Sankar, Qamar Qureshi & Santanu Basu 417

Soil texture and altitude, respectively, largely determine the floristic gradient of the most diverse fog oasis in the Peruvian desert
Jannes Muenchow, Simon Hauenstein, Achim Bräuning, Rupert Bäumler, Eric Frank Rodríguez & Henrik von Wehrden 427

Soil modification by termites in a sandy-soil vegetation in the Brazilian Atlantic rain forest
Tathiane Santi Sarcinelli, Carlos Ernesto Gonçalves Reynaud Schaefer, Elpídio Inácio Fernandes Filho, Reginaldo Gonçalves Mafía & Andreza Viana Neri 439

Major litterfall manipulation affects seedling growth and nutrient status in one of two species in a lowland forest in Panama
Andrea G. Vincent & Edmund V.J. Tanner 449

Short Communications

Leaf decomposition and fine fuels in floodplain forests of the Rio Negro in the Brazilian Amazon
Aline Ramos dos Santos & Bruce Walker Nelson 455

The use of pasture trees by birds in a tropical montane landscape in Monteverde, Costa Rica
Kimberly S. Sheldon & Nalini M. Nadkarni 459

The effects of precipitation regime on soil carbon pools on the Yucatan Peninsula
Lilia L. Roa-Fuentes, Claudia Hidalgo, Jorge D. Etchevers & Julio Campo 463

Journal of Tropical Ecology now accepts submissions via Manuscript Central.
 Go to <http://mc.manuscriptcentral.com/jte>

Cambridge Journals Online
 For further information about this journal
 please go to the journal website at:
journals.cambridge.org/tro



MIX
 Paper from
 responsible sources
 FSC® C007785

CAMBRIDGE
 UNIVERSITY PRESS