

Contents

Issue 5 Volume 14 June 2016

Guest Editorial

Drones – our eyes on the environment
M Lowman and B Voirin

231

Dispatches

For forest soil microbes, the heat is on
Mariculture study examines species' trade-offs
Turning point on ocean acidification?
Mini-refinery provides communities with biodiesel
CA to set computer energy standards
eDNA outperforms established techniques for
monitoring lake fish
Hybrid tumbleweed expanding its range
Are we underestimating biodiversity losses?
Assessing pot farms' environmental impact
Bacteria, sunshine, energy

232

Write Back

Letters to the editor regarding the contents of past
issues and comments on topics of current concern
to *Frontiers* readers

237

Reviews

Unmanned aircraft systems in wildlife research:
current and future applications of a
transformative technology

KS Christie, SL Gilbert, CL Brown, M Hatfield, and
L Hanson 241

Social drivers forewarn of marine regime shifts

CC Hicks, LB Crowder, NAJ Graham,
JN Kittinger, and E Le Cornu 252

Looking beyond the mountain: dispersal barriers
in a changing world

P Caplat, P Edelaar, RY Dudaniec, AJ Green,
B Okamura, J Cote, J Ekroos, PR Jonsson,
J Löndahl, SVM Tesson, and EJ Petit 261

Concepts and Questions

Conservation culturomics

RJ Ladle, RA Correia, Y Do, G-J Joo, ACM
Malhado, R Proulx, J-M Roberge, and P Jepson 269

Wildfire risk as a socioecological pathology

AP Fischer, TA Spies, TA Steelman, C Moseley,
BR Johnson, JD Bailey, AA Ager, P Bourgeron,
S Charnley, BM Collins, JD Kline, JE Leahy, JS
Littell, JDA Millington, M Nielsen-Pincus, CS Olsen,
TB Paveglio, CI Roos, MM Steen-Adams, FR
Stevens, J Vukomanovic, EM White, and DMJS
Bowman 276

Natural History Notes

The iconic keystone predator has a pathogen
CA Pfister, RT Paine, and JT Wootton

285

Frontiers Trading Post

Products, services, academic programs and courses,
employment opportunities, awards, announce-
ments, conferences, and meetings

287

Life Lines

Monkey business
A Burton

288