

April 2014

esa

Volume 24 No. 3

# Ecological

APPLICATIONS

A PUBLICATION OF THE ECOLOGICAL SOCIETY OF AMERICA



## **Communications**

Determinants of pika population density vs. occupancy in the Southern Rocky Mountains

## **Articles**

Man-induced activities modify demographic parameters in a long-lived species: effects of poisoning and health policies

Carbon stocks of intact mangroves and carbon emissions arising from their conversion in the Dominican Republic

---

**Determinants of pika population density vs. occupancy in the Southern Rocky Mountains**

Liesl P. Erb, Chris Ray, and Robert Guralnick

Ecological Applications 2014 24:3, 429-435

---

**Man-induced activities modify demographic parameters in a long-lived species: effects of poisoning and health policies**

Antoni Margalida, M Àngels Colomer, and Daniel Oro

Ecological Applications 2014 24:3, 436-444

---

**Assessing migratory connectivity for a long-distance migratory bird using multiple intrinsic markers**

Clark S. Rushing, Thomas B. Ryder, James F. Saracco, and Peter P. Marra

Ecological Applications 2014 24:3, 445-456

---

**Carbon stable isotopes as indicators of coastal eutrophication**

Autumn Oczkowski, Erin Markham, Alana Hanson, and Cathleen Wigand

Ecological Applications 2014 24:3, 457-466

---

**Modeling the impacts of life-history traits, canopy gaps, and establishment location on woodland shrub invasions**

Basil V. Iannone III, Moira L. Zellner, and David H. Wise

Ecological Applications 2014 24:3, 467-483

---

**Exposure of U.S. National Parks to land use and climate change 1900–2100**

Andrew J. Hansen, Nathan Piekielek, Cory Davis, Jessica Haas, David M. Theobald, John E.

Gross, William B. Monahan, Tom Olliff, and Steven W. Running

Ecological Applications 2014 24:3, 484-502

---

**Managed livestock grazing is compatible with the maintenance of plant diversity in semidesert grasslands**

R. J. Fensham, J. L. Silcock, and J. Firm

Ecological Applications 2014 24:3, 503-517

---

**Carbon stocks of intact mangroves and carbon emissions arising from their conversion in the Dominican Republic**

J. Boone Kauffman, Chris Heider, Jennifer Norfolk, and Frederick Payton

Ecological Applications 2014 24:3, 518-527

---

**Modeling nitrous oxide emissions from irrigated agriculture: testing DayCent with high-frequency measurements**

Clemens Scheer, Stephen J. Del Grosso, William J. Parton, David W. Rowlings, and Peter R. Grace

Ecological Applications 2014 24:3, 528-538

---

**Using stable isotope ratios to estimate atmospheric nitrogen fixed by cyanobacteria at the ecosystem scale**

Ryan J. Woodland and Perran L. M. Cook

Ecological Applications 2014 24:3, 539-547

---

**Agreed but not preferred: expert views on taboo options for biodiversity conservation, given climate change**

Shannon M. Hagerman and Terre Satterfield

Ecological Applications 2014 24:3, 548-559

---

**Does agricultural crop diversity enhance soil microbial biomass and organic matter**

M. D. McDaniel, L. K. Tiemann, and A. S. Grandy  
Ecological Applications 2014 24:3, 560-570

---

**Fuel treatments and landform modify landscape patterns of burn severity in an extreme fire event**

Susan J. Prichard and Maureen C. Kennedy  
Ecological Applications 2014 24:3, 571-590

---

**ERRATUM**

Ecological Applications 2014 24:3, 591-591