

*Journal  
of the  
Arizona-Nevada Academy of Science*

CONTENTS

Status of the Porcupine ( <i>Erithizon dorsatum</i> ) in Arizona, 2000-2007 David E. Brown and Randall D. Babb .....	36
Soil Compaction From Anthropogenic Activities in a Pinyon-Juniper ( <i>Pinus-Juniperus</i> ) Woodland of Southern Nevada Simon A. Lei .....	42
Growth Inhibition of Gastrointestinal Strains of <i>Escherichia coli</i> by <i>Lactobacillus</i> Species Erin L. Piper and Kathryn J. Leyva .....	49
Mastery Learning in a Sophomore Level Genetics Course Using the Blackboard Course Shell Pamela A. Marshall .....	55
Preliminary Botanical Explorations of the Parker Creek Canyon, Sierra Ancha Mountains, Gila County, Arizona Frank T. Farruggia, Nicole Luke, and Nathan Hertzfeld .....	59
The Role of Fire in the Establishment and Spread of Nonnative Plants in Arizona Ponderosa Pine Forests: A Review Christopher M. McGlone and Dave Egan .....	75
Analysis of Deuterium from Fossil Pollen to Reconstruct Paleoclimates Thomas Swoveland and Patricia Fall .....	87