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Abstracts and Resúmenes

The following presenters submitted only abstracts, which are listed alphabetically by lead author in the Abstracts section:

Biogeography
RICHARD FELGER. Viva taxonomy! Viva Sky Island trees!
CHO-YING HUANG. Relationships between native flora richness and spatial complexity in the northern Madrean Archipelago region.
CARLA R. HURT. Genetic variation in springsnails of the Lower Colorado drainage.
STEVE PAVLIK. Ursus in a Sky Island range: a historical and contemporary analysis of bears in the Huachuca Mountains and Canelo Hills.
ELLIOT B. WILKINSON AND DONALD H. FEENER, JR. An alternative look at how disturbance regimes affect community dynamics: the influence of habitat complexity on ant/parasitoid interactions.

Ecosystem Monitoring
ERIC ALBRECHT, BRIAN F. POWELL, DON E. SWANN, AND WILLIAM L. HALVORSON. Species richness as an avian community monitoring parameter.
NINA CHAMBERS, ANDY HUBBARD, AND JOHN HALL. A regional framework for ecosystem monitoring in the Sonoran Desert.
ROCIO ESQUIVEL SOLÓS. Mexico’s nationwide avian monitoring program.
CRAIG GROVES. Designing and implementing regional biodiversity conservation plans.
GARY MACHLIS. The fates of the Sonoran: the human ecosystem model as a tool for regional monitoring.
ERIC MCDONALD. Developing effective ecosystem monitoring strategies for military activities: results from the U.S. Army Yuma Proving Ground.

Ecosystem Monitoring
BRIAN POWELL, ERIC ALBRECHT, ROBERT STEIDL, AND WILLIAM L. HALVORSON. Choosing appropriate parameters for monitoring vertebrates in the Sonoran Desert.

Science-Based Management
RICHARD FREDRICKSON AND PHILIP HEDRICK. Inbreeding in Mexican wolves: evaluating the consequences of merging wolf lineages.

Invasive Species
DANA BACKER AND JOHN HALL. Invasion of Arizona’s natural areas: plants that threaten wildlands.
DENNIS O. SUHRE, PHILIP C. ROSEN, AND CECIL R. SCHWALBE. Dispersal and colonization by non-native American bullfrogs in a Sonoran Desert grassland setting.

Hydrology and Biodiversity
MICHAEL BOGAN AND DAVID LYTLE. Aquatic insect diversity and community structure in Madrean Sky Island streams.
KENNETH J. KINGSLEY. What happens if you just add water?
ROBERT L. SMITH AND MURIEL METCALF. Drought survival behavior in a large flightless aquatic insect, Abedus herberti in interrupted Sky Island streams (Heteroptera: Belostomatidae).

Conservation Practice
JENNIFER N. DUBERSTEIN AND JUAN C. CAICEDO. Community-based conservation in the upper San Pedro watershed, Sonora, Mexico: a case study.
HOLLY E. RICHTER. Linking science and policy: the Upper San Pedro Partnership.
JOSÉ JESÚS SÁNCHEZ-ESCALANTE, REYNA AMANDA CASTILLO-GÓMEZ, AND MANUEL ESPERICUETA-BETANCOURT. Environmental education for the conservation of floristic resources in the communities adjacent to the Sierra de Mazatán, Sonora, Mexico.
MATT SKROCH AND SALEK SHAFIQULLAH. A cooperative approach to road closures and landscape restoration.
PETER L. WARREN. The Malpai Borderlands Group: a community-led effort to protect the “working wilderness” of the Sky Islands.

Conservation Planning
KATHRYN THOMAS AND KEN BOYKIN. Southwest regional gap analysis project: keeping common species common in the Madrean Archipelago.
PETER J. UNMACK AND W.L. MINCKLEY. Identifying areas of conservation priority for native fishes in the Southwest using GIS.

Ecology
GLEN W. KNOWLES, PETER J. UNMACK, AND MICHAEL R. BALTZLY. Green sunfish impacts on Gila chub, a natural experiment thanks to a waterfall.