

Road to Recovery: Cuckoo Symposium Agenda
November 16 (9 AM to 4:30 PM MST)
& November 17 (9 AM to 2 PM MST)
Pajarito Environmental Education Center, Los Alamos, New Mexico
(now fully virtual)

Meeting Objectives: To incorporate research and monitoring (from the presentations in this symposium on Day 1) into an adaptive management framework (Day 2) to solve the bigger problem of recovery. This will involve identifying the most critical high priority questions for research and monitoring that also provide opportunities for learning about what is working or not working in terms of management and recovery. We hope to identify where there is “low-hanging fruit” to implement recovery action that will include adaptive restoration and management practices. We hope to identify opportunities for co-production, i.e., how to involve farmers, water managers, public land managers, private land owners, indigenous peoples, etc. This symposium will focus on discussion and idea generating to begin specific conservation actions that would effectively address causes and reverse declines and other achievable actions that could benefit the species.

Day 1 November 16

- 9:00–9:30 Peter Marra - *The Road to Recovery for the western Yellow-billed Cuckoo*. (To be inspired by previous R2R videos, visit: <http://marralab.com/r2rpart3/> and watch recovery stories!)
- 9:30–9:45 R2R video
- 9:45-10:05 Jenny Davis & Meaghan Conway – *USFWS ESA status of the western Yellow-billed Cuckoo*
- 10:05–10:15 Break
- 10:15–11:10 10-minute talks on Cuckoo **restoration and habitat use**
- Barbara Raulston (presented by Cari Lynn Squibb) – *Lower Colorado River restoration - Ch-ch-change is good for Yellow-billed Cuckoos on the lower Colorado River*
- Kristen G. Dillon – *Western Yellow-billed Cuckoo habitat use on the middle Rio Grande, New Mexico*
- S. David Moore – *Western Yellow-billed Cuckoo habitat use on the lower Rio Grande, New Mexico*
- Patti Wohner – *Restoration guidelines for western Yellow-billed Cuckoos*
- Nick Bayly – *Identifying and restoring vital fueling stops for globe-trotting Cuckoos – Tales from South America*
- 11:10–11:30 Restoration and Habitat Use Panel Discussion

- 11:30–12:00 10-minute talks on Cuckoo **research**
Jenna Stanek – *Western Yellow-billed Cuckoo nest-site selection and nest success in restored and natural riparian forests*
John Stanek – *Cicadas and Yellow-billed Cuckoos in restored and natural riparian forests*
Shannon McNeil – *Songs of Yellow-billed Cuckoos*
Matthew J. Johnson – *Identifying western Yellow-billed Cuckoo breeding habitat with a dual modelling approach*
- 12:00–12:30 Research Panel Discussion
- 12:30–1:30 Lunch Break
- 1:30–2:10 10-minute talks on Cuckoo **surveys and monitoring**
Stephanie Coates – *Yellow-billed Cuckoo surveys and research in Idaho*
John Stanek – *Factors affecting detection of western Yellow-billed Cuckoos during standardized surveys*
Nick Beauregard – *Development and assessment of targeted signal classifiers for passive acoustic monitoring of birds*
Nick Beauregard – *Verification and extent of breeding by Yellow-billed Cuckoos outside of mature cottonwood-willow habitat in southeastern Arizona*
- 2:10–2:30 Surveys and Monitoring Panel Discussion
- 3:00–3:30 Break
- 3:30–4:10 10-minute talks on Cuckoo **surveys and monitoring** cont.
Callie Stanley – *Tracking Cuckoos: Determining when and where populations are limited across the annual cycle*
Diane Tracy – *Habitat and conservation status of migration stopover sites and wintering grounds of western yellow-billed cuckoos revealed by GPS and satellite tags*
Alberto Macías-Duarte – *Abundance and occupancy of the western Yellow-billed Cuckoo (*Coccyzus americanus*) in Sonora, Mexico*
Edwin Juárez – *The western Yellow-billed Cuckoo range-wide occupancy assessment project*
- 4:10–4:30 Surveys and Monitoring Panel Discussion
- 4:30 Adjourn

Day 2 – November 17

9:00–10:00 Co-occurring adaptive management minded breakout sessions on zoom:

1) Cuckoo modeling, research, and monitoring, how to incorporate learning objectives into adaptive management. Where, when, and who will do what needs to be done next?

– *Jenna Stanek moderates*

2) What are our best guesses for the big limiting factors for the species and what can we do on the ground right now to test hypotheses while also restoring, creating, and improving habitat for cuckoos? Where, when, and who will do what needs to be done next?

– *Patti Wohner moderates*

3) Technology and field techniques such as problems/solutions for finding birds and confirming breeding; banding techniques; radio transmitter/geolocator hardware and techniques for putting on the birds.

– *Callie Stanley moderates*

10:00–11:00 – Moderators report back on what the breakout groups came up with.

11:00–12:00 Lunch

12:00–2:00 Embarking on the Road to Recovery: First Steps – *Jay Carlisle, Patti Wohner, Callie Stanley, Jenna Stanek, Jenny Davis moderate*

2:00 Adjourn and further networking etc.