

Colorado Bat Working Group Meeting
21 October 2016, 9AM - 4PM

Introductions

19 participants plus 2 on the phone

| <u>Participants</u> | <u>Can help with WBWG</u> |
|--------------------------------------------------------------------------------------------------------------------|---------------------------|
| Tina Jackson, CPW, tina.jackson@state.co.us | X |
| Lea' Bonewell, USGS, bonewelll@usgs.gov/970-226-9353 | X |
| Mark Hayes, USGS/CNT, hayesm@usgs.gov/970-226-9456 | X |
| Jeni WIndorski, USFS, jeniwindorski@fs.fed.us | |
| Mikele Painter, USFS, mpainter@fs.fed.us | X |
| Michelle Verant, NPS, michelle_verant@nps.gov | |
| Toni Piaggio, USDA, toni.piaggio@aphis.usda.gov | X |
| Robin Sell, BLM, rsell@blm.gov | X |
| Lance Carpenter, CPW, lance.carpenter@state.co.us | X |
| Jeremy Seimers, CNHP, jseimers@colostate.edu/970-491-3342 | X |
| Dan Neubaum, CPW, daniel.neubaum@state.co.us | X |
| Roger Rodriquez, Zotz Ecological Solutions, roger@zotzeco.com | X |
| Rob Schorr, CNHP, robert.schorr@colostate.edu | X |
| Milu Velardi, ERO, milukarp@gmail.com | X |
| Kirk Navo, HFB, | X |
| Bryan Kluever, DoD, byron.m.kluever.cir@mail.mil | |
| Misty Cain, CPW, misty.cain@state.co.us | |
| April Estep, CPW, april.estep@state.co.us | |
| Lisa Thompson, DRMS, | |
| Ron Torretta, - phone | |
| Katy Warner, CMC - phone | |

Western Bat Working Group Meeting - Kirk

Fort Collins, CO, Hilton Hotel, 11-14 April 2017 (Tues-Fri), plus a technical session Fri afternoon separate from the meeting to include Decontamination and Surveillance.

Also, Wildlife Acoustics wants to do a workshop showing their new detector. Other workshops?

Panel sessions – likely WNS, need firm moderator, discussion of length of time, when to have the panel(s), who will be on panel (experts invited?) or only people who presented?

Will have both presentations and posters.

Looking at 150 + registrants. Registration to open soon.

Holly is IT person for WBWG, Brad is Treasurer.

Social will be on Tuesday evening at O'Dell.

Presentation topics will likely include WNS, Wind Energy, Conservation, NABat, and other topics depending on what abstracts are submitted.

Make sure WNS approach is addressed – East approach vs West approach – bats are typically in smaller colonies than in the East.

Help organizing – from CBWG, students, TWS student members, DPW volunteers.

Looking for donation of items for auction.
Looking for sponsors - takes about \$2000 to cover a break.

Bat Conservation Plan - Kirk

Most Threats sections have been completed (Mining for example) and just need final review from members.

Matrix was completed before the Plan revision started.

Several meeting participants volunteered to work on Species updates.

Status will be deleted, and Matrix will be added.

Standardize sections. For example, place citations at end of document, not at the end of each species section. Will finalize once Species updates are done.

Include revision dates.

Sections will be web-based now, and printing of sections will be an option.

Threats sections will be sent around for review and volunteers will be notified about Species sections to review. This process was discussed and decided that it would be best to work and finalize each chapter as it's ready, rather than wait until all were completed before posting for member reviews. We believe this will be a faster, more efficient way to get the Plan revision completed.

Therefore:

Threats sections/chapters, one at a time, will be posted on the CBWG website, and members will have a set time frame to review the document and provide any feedback/comments before a final version is finalized. An email will be sent out to CBWG members to alert them when a document is posted for review.

NABat - Jeremy

Refer to USDA report – A Plan for the North American Bat Monitoring Program (NABat), Loeb et al.

Jeremy – overview, described stationary acoustic grid cells.

Started in 2014. 2014 – 8 grids, 2015 – 37 grids, 2016 – 60 grids.

4 detectors per grid. Grids will be stationary. Recordings are 4 nights per summer. Approx late May to late July – ideal (pre volancy).

Analyzing calls using SonoBat – lots of calls.

Number was initially said to be 5% of your state, but doesn't quite make sense.

Tried mobile detectors, but found it to not be very productive, so only focusing on stationary grids now.

Would be good to know how much time this is taking. Future – hopefully have volunteers (citizen science) help.

For 2017, similar structure as 2016.

Rob provided a presentation about Steamboat colony monitoring. Two sites 30 mls apart, MYLU maternity roosts, survival data, roost switching. Elevation 6700 ft. Looking at several factors, and future directions. Refer to Rob for questions.

WBWG

Elections open. Dues start with WBWG mtg in April. Sign up as formal member to get all notices.

WNS

June – WNS mtg – discussions included East vs West, decon protocols.

August – Pacific NW Workshop - OR, ID, WA, CA – further discussion, including surveillance efforts.

Draft national level guidance on surveillance discussion. Eric Britzke USFWS heading up.

Orient – Kirk/Fort Lewis College – talked about project – swabbed bats. Expanded beyond Orient to Castlewood, Groaning cave, Rob's sites around Steamboat. Multiple bat species now. Orient swabbed various times of year. Other location bats swabbed over the summer.

Keep Tina in the loop if swabbing is occurring. Need a CPW Scientific permit before being able to swab.

Michelle – National Wildlife Health Center has funding to support 10 sites per state, they pay for swabs and processing, including bats and surrounding environment swabbing.

Spring swabbing may be the approach needed to minimize potential impacts to bats from winter swabbing. Early maternity season might be the focus. Need to share known maternity roosts of bats for possible spring swabbing.

Discussion about help with spring swabbing of bats in Colorado by bios working on bats around the state. Need to coordinate this, as limited numbers of "free" sample processing by FWS. **Rob volunteered to coordinate any spring sampling.**

Mines update – Lisa

Described how sites get onto projects. Sometimes OSM grants are used to close mines.

Using original specs again now, 6" H x 24" W.

Not including doors on sites unless specifically requested.

DRMS sends to Kirk for desk evaluation of sites, then high priority sites are sent to Tina for her to send to bios for surveys. BLM contracts with BCI for bat surveys.

Updates

Mark USGS – WNS distribution modeling project.

Dan – Bat Gate issues at Spring and Hubbards Caves

Robin Sell BLM – mine surveys updates, 2015 about 40 mines each in 2 projects, evaluated by BCI, 2016 about 20 mines each in 2 projects.

Tina and other DPW folks – funding, field results, findings.

Mikele USFS – caving, climbing. Devil's Head, closest to Deckers.

Jeni USFS – historic Interlocken buildings at Twin Lakes – 2010 maternity roost discovered in barn, replaced roof and bats abandoned the site. Bats are back now but at another building, and archeologist wants to remove bats. Install structure resembling a boathouse to fit in with the rest of the structures. Also, group of 4 cabins. 2 can be used for bat use.

Michelle NPS – Bents Old Fort, Colorado National Monument. Released new NPS acoustic version. Outreach, education. Distribute \$2.75M for WNS work within NPS.

Lisa DRMS – last FY there were 300 closures.

Other

Bat trek – JE Canyon Ranch, now owned now by TNC – 45K acres - adjacent to Wooten Ranch, south of – cabins – Purgatoire River runs through. Near Pinion Canyon. Two nights, three days. **Rob and Jeremy will coordinate.**

Climbers for Bat Conservation – Rob described.

April Estep – 4 summer bioblitz nights around Colorado Springs. Looking for help.

Current board members ok? No one stated they would like to “resign”.

Picked a meeting date for 2017 annual meeting. Mark your calendars for next October!

2017 Annual Meeting Date is :

FRIDAY, OCTOBER 13, 2017