

The call in # will be:

Call 1-888-858-2144
Participant code 5527423#

The online portion of the meeting will be:

<https://www2.gotomeeting.com/join/624524626>



Landscape Restoration Team— Wildlife Sub-Team

Meeting #5

Thursday, February 21, 2012, 10:00 – 12:30pm

Facilitated by:



Front Range Roundtable

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Wildlife Team Agenda—Tues 1/22/12

| Topics | Timing |
|--|---------------|
| 1. Introduction: Ice breaker; review purpose of meeting and today's agenda | 10:00 – 10:10 |
| 2. Updates: Review team admin (attendance and mileage), progress on work plan (GB), updates from Rick, other updates? | 10:10 – 10:35 |
| 3. “Homework” check in: how did it go for folks, any suggestions, confusion? | 10:35 – 10:55 |
| 4. Species / Spreadsheet: | 10:55 – 12:10 |
| a) Get through first cut of species list, discuss any unknowns, additions, deletions | |
| b) Discuss the spreadsheet and how and when it will be used throughout the process | |
| c) Select a few species as examples for spatial and temporal scale | |
| 5. Next steps: Confirm calendar, March 19 agenda, other logistics and next steps | 12:10 – 12:30 |



Roundtable Wildlife Team—Contacts

| Full Name | Organization | Division | Title | Address | City | State | Postal Code | Work Phone | Cell Phone | Email1 | Membership type |
|----------------------|---|---|------------------------------------|--------------------------------|------------------|-------|-------------|------------|------------|--|-----------------|
| Gali Beh | Beh Management Consulting, Inc. | | Front Range Roundtable Facilitator | 637-B South Broadway, #134 | Boulder | CO | 80305 | | | gali@behconsulting.com | Facilitator |
| Jenny Briggs | US Geological Survey | Rocky Mountain Geographical Science Center | Research Ecologist | DFC Building 810 | Lakewood | CO | 80225 | | | isbriggs@usgs.gov | Core |
| Casey Cooley | Colorado Division of Parks and Wildlife | | Montane/Forest Habitat Coordinator | 4255 Sinton Road | Colorado Springs | CO | 80907 | | | Casey.Cooley@state.co.us | Core |
| Lynne Deibel | US Forest Service, ARP | Arapaho and Roosevelt National Forests and Pawnee National Grassland | Forest Wildlife Biologist | 2150 Centre Avenue, Building E | Fort Collins | CO | 80526 | | | lcdeibel@fs.fed.us | Co-Leader |
| Jonas Feinstein | Natural Resources Conservation Service | | State Forester | DFC Building 56 | Lakewood | CO | 80225 | | | jonas.feinstein@co.usda.gov | Advisor |
| Paula Fornwalt | USFS Rocky Mountain Research Station | Rocky Mountain Research Station | Research Ecologist | 240 West Prospect Road | Fort Collins | CO | 80526 | | | pfornwalt@fs.fed.us | Advisor |
| Steve Germaine | US Geological Survey | Fort Collins Science Center | USGGS Ecologist | 2150 Centre Ave, Bldg C | Fort Collins | CO | 80525 | | | germaines@usgs.gov | Advisor |
| Hal Gibbs | US Forest Service, ARP | Arapaho and Roosevelt National Forests and Pawnee National Grassland | Ecosystems Group Leader | 2150 Centre Avenue, Building E | Fort Collins | CO | 80526 | | | hdgibbs@fs.fed.us | Core |
| Summer Grimes | Colorado State University | | Student | | | | | | | summer.grimes@gmail.com | |
| Terra Lenihan | Beh Management Consulting, Inc. | | Front Range Roundtable Coordinator | 637-B South Broadway, #134 | Boulder | CO | 80305 | | | terra@behconsulting.com | Coordinator |
| Liba Pejchar | Colorado State University | Fish, Wildlife, and Conservation Biology Dept. | Assistant Professor | | | | | | | liba.pejchar@colostate.edu | Advisor |
| Felix Quesada | US Forest Service, PSICC | Pikes Peak Ranger District | Wildlife Biologist | 601 S. Weber Street | Colorado Springs | CO | 80903 | | | fquesada@fs.fed.us | Core |
| Claudia Regan | US Forest Service-Region 2 | Region 2 | Regional Vegetation Ecologist | 740 Simms | Golden | CO | 80401 | | | cregan@fs.fed.us | Advisor |
| Richard (Rick) Truex | US Forest Service | Region 2 | Regional Wildlife Ecologist | 740 Simms | Golden | CO | 80401 | | | rtruex@fs.fed.us | Co-Leader |
| Janelle Valladares | US Forest Service, PSICC | Pike & San Isabel National Forests, Cimarron & Comanche National Grasslands | | 2840 Kachina Drive | Pueblo | CO | 81008 | | | jvalladares@fs.fed.us | Core |
| Mike Welker | US Forest Service | Pike-San Isabel National Forests | | | | | | | | mtwelker@fs.fed.us | Advisor |

Roundtable Wildlife Team—Attendance (1 Way Mileage)

| Full Name | Attended 11/13/12 Meeting (Ft. Collins) | Attended 12/18/12 Meeting (Lake-wood) | Attended 1/22/13 Meeting (Lake-wood) | RSVP 2/21/13 Meeting (phone) | RSVP 3/19/13 Meeting | RSVP 4/23/13 Meeting | RSVP 5/12/13 Meeting | RSVP 6/18/13 Meeting | RSVP 7/23/13 Meeting | RSVP 8/20/13 Meeting | RSVP 9/17/13 Meeting | RSVP 10/22/13 Meeting | RSVP 11/19/13 Meeting | RSVP 12/17/13 Meeting |
|----------------------|---|---------------------------------------|--------------------------------------|------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|
| Gali Beh | Yes (phone) | Yes (30) | Yes (30) | Yes | | | | | | | | | | |
| Jenny Briggs | Yes | Yes (2) | Yes (2) | No | | | | | | | | | | |
| Casey Cooley | Yes | Yes (65) | Yes (65) | Yes | | | | | | | | | | |
| Lynne Deibel | Yes | Yes | Yes | Yes | | | | | | | | | | |
| Jonas Feinstein | Yes | No | No | No | | | | | | | | | | |
| Paula Fornwalt | Yes | No | No | No | | | | | | | | | | |
| Steve Germaine | Yes | No | Yes (phone) | Yes | | | | | | | | | | |
| Hal Gibbs | Yes | No | Yes (70) | No | | | | | | | | | | |
| Summer Grimes | No | No | No | Yes (joined team) | | | | | | | | | | |
| Terra Lenihan | No | Yes (15) | Yes (15) | No (left team) | | | | | | | | | | |
| Liba Pejchar | No | No | No | No | | | | | | | | | | |
| Felix Quesada | Yes | Yes | Yes | Yes | | | | | | | | | | |
| Claudia Regan | Yes | Phone | No | No | | | | | | | | | | |
| Richard (Rick) Truex | Yes | Yes (5) | Yes (5) | Yes | | | | | | | | | | |
| Janelle Valladares | Yes | No | Yes (117) | Yes | | | | | | | | | | |
| Mike Welker | Yes | No | No | No | | | | | | | | | | |

Need everyone's mileage to first meeting
Anyone missing future meetings?



Roundtable Wildlife Team—Project Outline

| | | |
|---|---|--|
| Team Roundtable Wildlife Team | Mission TBD | Deliverables A final report building from existing CFLR monitoring plan and including: <ol style="list-style-type: none"> 1. Overview of field protocols, sampling approaches, and potential analytical approaches 2. Options: balancing rigorous monitoring of 1° species and casual monitoring of 2° species 3. Wildlife Team’s recommendations: based on funding, rigor, public interest |
| Timeline Team Launched Nov. 13, 2012; will complete work by February of 2014. | Goals <ol style="list-style-type: none"> 1. Identify primary and secondary species for monitoring that meet CFLRP and FS needs 2. Develop hypothesized species response (≈ population trends) for each 1° and 2° species 3. Explicitly integrate spatial and temporal scales in species selection and sampling approach 4. Establish range of monitoring options that encompass cost and rigor spectrums as needed 5. Identify field sampling protocols for selected species 6. Describe potential analytical methods 7. Identify opportunities for collaborating entities to contribute to monitoring implementation | |

Scope

1. **Focus:** past efforts have focused on vegetation structure and assumptions that if we do good things for structure, the wildlife will benefit. This effort will focus on the need for wildlife monitoring, informed by but not dependent upon desired conditions for vegetation
2. **Species:** Open to including any species; will consult list of species from 2011 CFLR Monitoring Plan but we will not be limited by the past plan
3. **Scale:** Will include both landscape scale and site scale considerations in recommending monitoring methods and estimating expected outcomes; we will need to define “landscape” as well, possibly by species (will refer to language developed by other related efforts to define restoration and desired conditions) – Rick to edit
4. **Methods:** Will consider the best, most effective, and efficient monitoring methods; will not be constrained by the USFS’s Common Stand Exam or currently available funding

Why this / why now?

1. In the past, CFLR monitoring has focused on vegetation structure with the assumption that if we do what is right for the forest, then we’re doing what is right for the wildlife. We need to test this assumption to see if it is true. Monitoring wildlife is the only way to know if this assumption is correct. Sometimes there are struggles between fuels reduction for fire risk mitigation and restoration for habitats for species. The impact of this struggle is that sometimes forest planners want to pick up every piece of litter and duff to reduce fire risk but this does not restore wildlife habitats. Downed woody debris plays an important role for wildlife habitat restoration. Treatments may increase forage for elk but they may reduce forage for songbirds, so we need to decide for which species we’re restoring habitats and what impacts we expect forest restoration to have on them.
2. Wildlife monitoring has historically been de-prioritized in USFS budgets. It’s costly and difficult. There is not as much public demand for this as for other resource objectives. Statutes are not clear on what is required to monitor populations in a rigorous manner. It will be a cultural shift for the USFS to start focusing on wildlife monitoring as well as vegetation monitoring. Few groups have spent time thinking these issues through. The USFS has always reacted to legal suits rather than be proactive to do the hard thinking on if and how to do wildlife monitoring.
3. The roundtable wants to monitor wildlife use pre- and post-treatment to learn if what we’re doing has any beneficial or detrimental effects to wildlife. A team of representative stakeholders is needed to arrive at the compromises necessary to do wildlife monitoring effectively and cost-efficiently.



Roundtable Wildlife Team—*DRAFT* High Level Work Plan

Roundtable Quarterly meeting: 11/30/12

Roundtable Quarterly meeting: 3/8/13

Roundtable Quarterly meeting: 5/31/13



| | | | | | | | | | |
|---|---|---|---|--|---|--|---|---|---|
| <p>Revise proposed team goals, deliverables, timeframe, scope (RT)</p> <p>Summarize from CFLR proposal: what restoration is, expected vegetation trends, and wildlife monitoring intentions (HG) – need to post (TL)</p> <p>Schedule calendar for team (GB)</p> <p>Check in with Sara on team composition (LD) – Glenn spoke to Susan, no go w/ USFWS</p> <p>Check in with Craig & Leslie on capacity (JB) - None</p> | <p>Agree on / finalize team goals, deliverables, timeframe, scope</p> <p>Make list of criteria for how to prioritize species for monitoring (RT)</p> <p>Send team existing list of Front Range Lower & Upper Montane species (CC)</p> <p>Ask CDPW's Kenny Kamire, USFS Denny Bohan what other fish species to add to list (CC)</p> <p>Ask Mike Welker about importance of including fish (FQ) – more towards habitat than population monitoring</p> | <p>Check in with prior effort leaders to learn their methods for species list; also get sources (Craig, Tonya, Ken, Janelle) (LD) – checked in Jan, will check in once more</p> <p>Create spreadsheet matrix with criteria and species (RT)</p> <p>Review Casey's list and bring to 1/22 mtg additional species to consider adding: reptiles (LC), amphibians (LD); fish (JV), birds (CC), mammals (JB), pollinators CC), inverts (FQ)</p> <p>Propose additional species to add to list</p> <p>Start rating each species by criteria (spreadsheet), add descriptive information; divvy up further research to fill gaps</p> <p>Present plan to LR team on 1/9 (RT+ CC)</p> <p>Make list of experts to ask for broad (early) or specific (later) help (Doug Krieger, CDPW)</p> | <p>Do research to fill in gaps from criteria spreadsheet: R&A (LD); inverts - add as per Felix's paper (JV); mam (FQ), birds (CC: need info, JB: a-l, SG: m-z)</p> <p>Review new research and complete filling in matrix of species and criteria; try to filter species to smaller list that meet the most criteria (or justified for single purpose)</p> | <p>Collect and review existing data and sampling methods on remaining list of species (interview experts, conduct literature search as needed)</p> <p>Identify monitoring efforts already underway)</p> <p>Develop hypothesized population response to CFLRP mgmt</p> <p>Begin discussing spatial and temporal scales and which species need what type of monitoring</p> | <p>Share draft deliverables with LR team on 4/10</p> <p>identify potential stressors that may influence population trends</p> | <p>Take stock; try to synthesize findings to identify potential 1° and 2° species for monitoring (try to cut list again)</p> | <p>Conduct power analysis to establish sampling required to meet objectives</p> | <p>Summarize costs / benefits of sampling effort for 1° species</p> | <p>Make recommendations to LR team, with rationale...</p> |
|---|---|---|---|--|---|--|---|---|---|

Seek more funding or capacity to conduct research

- Between meetings
- During meetings
- Completed
- On track
- Needs attention
- Tentative

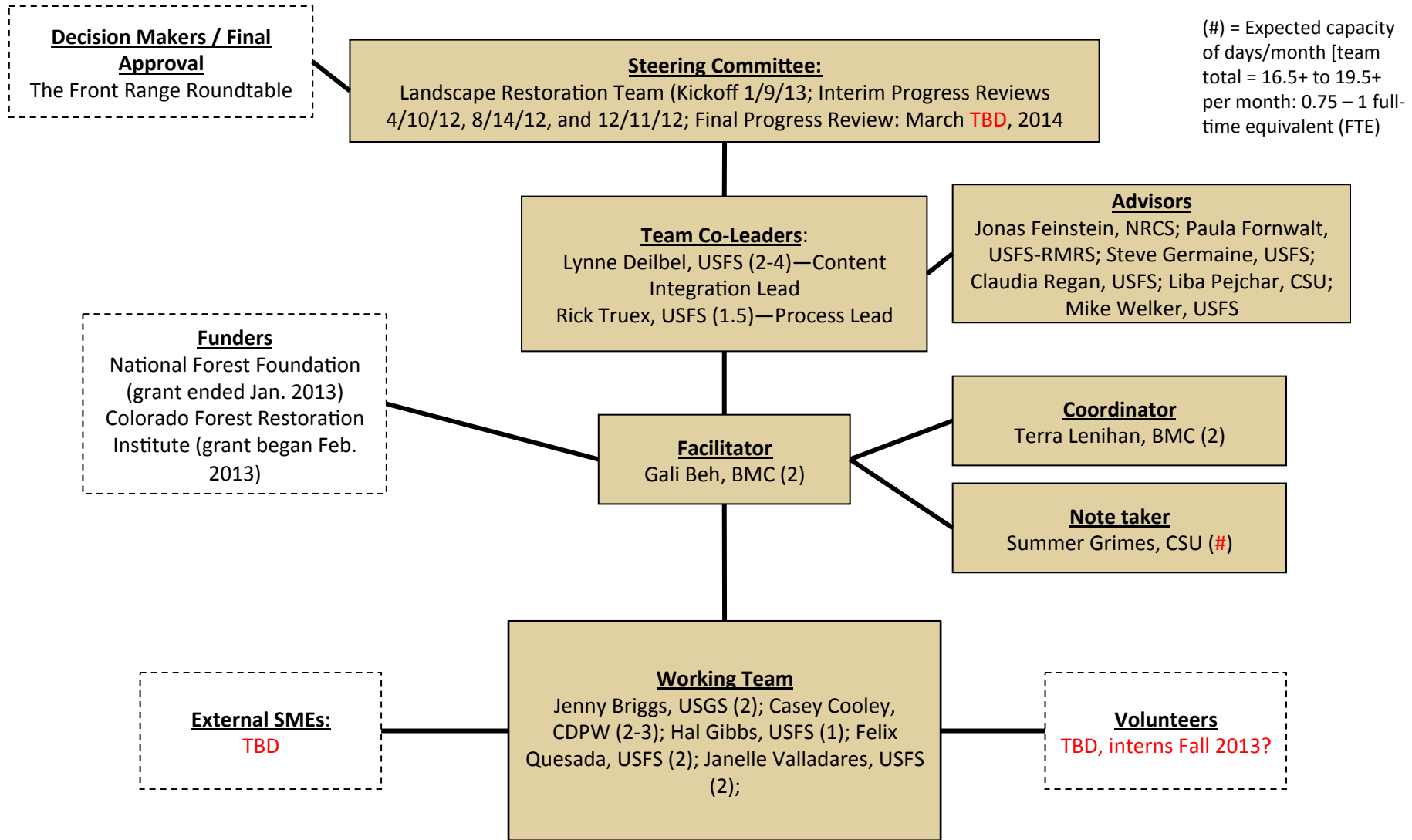


Next Steps from 1/22 Meeting

- On the Species XLS list, where column O (Occurrence) says “Need info”, the responsibilities for making an assessment on the species’ occurrence are as follows:
 - Lynne: reptiles and amphibians
 - Janelle: invertebrates (including adding those from Felix’s paper)
 - Felix: mammals
 - Casey: birds
 - **All:** If you determine that the occurrence for a species is “core”, then please go ahead and rate that species for columns R, S, and T (the criteria we are using for assessing whether to keep a species on the potential monitoring list for now). Remember that 3 = High, 2 = Medium, 1 = Low, and 0 = No (in terms of how well that species meets each criteria). If you have any huge uncertainties in your ratings, go ahead and make a rating, but flag your concerns (use column U – “other” – enter the text “need discussion”) and bring your concerns to the next team meeting for team evaluation.
- For the birds that have already been evaluated as “Core” but have not yet been evaluated by all 3 criteria, responsibilities for rating each species by the 3 criteria are as follows:
 - Jenny: Rate “core” birds beginning with A through L
 - Steve: Rate “core” birds beginning with M through Z
 - **Note** that some of these “core” birds have been rated for the Ecologically Informative Criteria but not for the Political or Social criteria – please do rate any missing areas.
- Others action items:
 - Felix - Please send Terra the invertebrates working document you had at the last meeting
 - Rick, thank you for already sending all the materials asked!



Roundtable Wildlife Team Organizational Chart



Suggested Team Responsibilities

Steering Committee

- Agree on project methodology and approve final deliverables
- Attend progress reviews; review pre-reads beforehand
- Help solve problems, remove obstacles, make resources available as needed

Co-Leaders

- Introduce the project to the organization and ask everyone to help as needed
- Be ultimately responsible for the project's quality
- Be main point of contact for steering committee and Project Manager

Facilitator & Coordinator

- Be ultimately responsible for the project's progress
- Be main point of contact for working team
- Create and maintain project plan
- Facilitate team meetings and progress reviews
- Provide document management system for deliverables and research
- Limit project scope in order to manage budget and deadlines as needed

Working Team

- Contribute to development of project plan; follow through on commitments to project roles and activities
- Guide the working team's research and hold decision-making authority in their areas of expertise
- Conduct internal and external interviews and case studies; synthesize findings
- Create progress review materials and final deliverables
- Attend monthly team meetings

Front Range Roundtable, LR & Wildlife Team Calendar (Page 1 of 2)

| Team | Event | Location | Location / Call Details | Date | Time |
|----------|-----------------|-----------|--|---------------------------|-------------|
| LR | LR Mtg 29 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, March 1, 2013 | 10 am-3 pm |
| RT | Q1 RT Meeting | in person | USFS Regional Office, 740 Simms St. Golden, CO 80401 | Friday, March 8, 2013 | 9:30 – 3:30 |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, March 19, 2013 | 10 am -3 pm |
| LR | LR Mtg 30 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, April 10, 2013 | 10 am-3 pm |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, April 23, 2013 | 10 am -3 pm |
| LR | LR Mtg 31 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, May 8, 2013 | 10 am-3 pm |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, May 21, 2013 | 10 am -3 pm |
| RT | Q2 RT Meeting | in person | TBD | Friday, May 31, 2013 | 9:30 – 3:30 |
| LR | LR Mtg 32 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, June 12, 2013 | 10 am-3 pm |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, June 18, 2013 | 10 am -3 pm |

Anyone want to RSVP
for 3/8 now?



Front Range Roundtable, LR & Wildlife Team Calendar (Page 2 of 2)

| Team | Event | Location | Location / Call Details | Date | Time |
|----------|-----------------|-----------|---|-------------------------------|-------------|
| LR | LR Mtg 33 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, July 10, 2013 | 10 am-3 pm |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, July 23, 2013 | 10 am-3 pm |
| LR | LR Mtg 34 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, August 14, 2013 | 10 am-3 pm |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, August 20, 2013 | 10 am-3 pm |
| LR | LR Mtg 35 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, September 11, 2013 | 10 am-3 pm |
| RT | Q3 RT Meeting | in person | TBD | Friday, September 13, 2013 | 9:30 – 3:30 |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, September 17, 2013 | 10 am-3 pm |
| LR | LR Mtg 36 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, October 9, 2013 | 10 am-3 pm |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, October 22, 2013 | 10 am-3 pm |
| LR | LR Mtg 37 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, November 13, 2013 | 10 am-3 pm |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, November 19, 2013 | 10 am-3 pm |
| RT | Q4 RT Meeting | in person | TBD | Friday, November 22, 2013 | 9:30 – 3:30 |
| LR | LR Mtg 38 | in person | USFWS offices, 134 Union Boulevard, Lakewood, 80228 | Wednesday, December 11, 2013 | 10 am-3 pm |
| Wildlife | Monthly Meeting | in person | USFS Regional Office, 740 Simms St. Golden | Tuesday, December 17, 2013 | 10 am-3 pm |

