



ATTENDING

Chair: Shawn Wissel

Steve Ryder, Lara Duran, Kelly Uhing, Larry Hoozee, Hal Pearce, Karn Stiegeimeier, Larry Vickerman,
Matt Scott, Scott Nissen, Pat Hayward, Elizabeth Brown

INTRODUCTIONS

REVIEW OF LAST MEETING MINUTES

QUESTIONS: *New Division Director and when he reports for duty*

INFORMATION: Les is from New Mexico and reports August 22, 2016

QUESTION: *Status of future grant funds*

INFORMATION: Expect tighter budgets and tighter grant programs (e.g. ANS for boat inspections)

DECISION: Committee seconded a motion to adopt the minutes from last quarterly meeting

2017 COMMITTEE MEMBERS' TERMS

INFORMATION: *Expected committee member vacancies*

- Committee members can serve two two-year terms as the maximum
- There is a need to maximize the geographical distribution and representation of incoming committee members, e.g. San Luis Valley,
- CDA requests assistance outreaching and recruiting for new members

ACTION: Steve Ryder will make a press release available

INFORMATION: *Corrections needed on contact information*

- Larry Hoozee: 33491 County Road 26, Snyder, 80750, 970-768-1218
- Kelly Uhing 720-913-0659
- Larry Vickerman 719-660-4054
- Karn Stiegeimeier email

ACTION: Steve Ryder will correct the contact information and re-distribute

CDA UPDATES

QUESTION: *Provide more information about one: one Russian olive tree exchange program*

INFORMATION: Tier 2 funding based, CWCB's phreatophyte program was based entirely on Tier 2 funding and was for one year only. CDA is planning on developing a replacement concept for local entities' use for ornamental plantings to encourage landowners to remove Russian olives. The idea is that they will get a credit for the replacement tree. It may become a part of next year's grant program. We are looking at developing a partnership with the Colorado State Forest Service and/or other grow operations.

QUESTION: *Are there effects from the lack of field crew for EDRR? (E.g. ability to effectively manage African rue, Mediterranean sage, etc.)*

INFORMATION: The main reason for the lack of the crew was to implement the EDRR framework. Additional grant funding was given to some counties to make up for the lack of CDA crew this year. Mediterranean sage in Boulder County on federal lands is in need of additional resources to manage that population.

Colorado Noxious Weed Advisory Committee Quarterly Meeting

August 10, 2016 in Meeker, CO



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DISCUSSIONS: African rue and its look-alike *Frankenia jamesii*, difficulty in control related to land use issues and condition, access and Russian knapweed presence

QUESTION: *How many nurseries are selling parrotfeather?*

INFORMATION: We do not know. CDA was told by one nursery that they cannot get it to over-winter but they do sell a lot of that plant. CDA has not heard or received a letter from that vendor yet.

DISCUSSIONS:

- Nursery Act purpose to support the industry, e.g. for pests
- how to accommodate nurseries vs noxious weed concerns
- valid listing due to cold-hardiness and known occurrences in cold-winter states (Idaho, Wisconsin, etc.)

QUESTION: *Yellow sweetclover- did not discuss it previously*

DISCUSSIONS: *Occurrence and management*

- It is now on many roadsides in Summit County
- CDOT and NRCS uses it in seed mixes
- does escape the roadsides ROW
- it is a concern- want recommendations
- has a hard seed coat so in moist years it will flush
- Milestone would be effective for treatment
- use as a honey producing plant and pollinator habitat

DISCUSSIONS: *Pollinators and herbicide use*

- 2002 request to the US Forest Service not to treat roadsides due to bee industry and drought
- pollinators is a big concern
- there is a big movement to ban neonicotinoid pesticides (as well as glyphosate)
- herbicides and pesticides are seen as the same by the public
- some public entities may be promoting maintaining noxious weeds for pollinators
- CWMA has been trying to communicate about this issue
- Denver will host a tour and Kelly will try to communicate factual information with this group

QUESTION: *How to get municipalities to comply with Noxious Weed Act*

DISCUSSIONS:

- Kelly wants to get a meeting together with CDA and municipalities lots of municipalities that are not addressing noxious weeds, e.g. List A species in some municipalities in the Denver metro area that are not being treated,
- support diminishes in higher levels of governments
- there is an opportunity to educate about native plant communities vs. noxious weeds
- may need to get budget folks involved
- issue regarding Jefferson County and myrtle spurge control
- time and funds incentive vs. enforcement
- letter was released by CDA in 2013 to get all counties and municipalities compliant
- statute speaks to ordinances for municipalities
- lots of counties do not want to cross jurisdictional boundaries
- Boulder County has each staff assigned to a municipality
- towns care about appearance of town but safety is a huge focus

Colorado Noxious Weed Advisory Committee Quarterly Meeting

August 10, 2016 in Meeker, CO



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Department of Agriculture
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- special districts are usually weed aware, e.g. Stapleton District eventually gives land over to the City of Denver but are usually heavily infested
- land deeded over to South Suburban then suddenly have to restore the lands/funds
- need to push the weed free agenda on the urban drainage districts/metro storm water control districts
- Special District Association need to get involved in weed management

DEBRIEF FROM FIELD TRIP

QUESTION: Rangeland and inaccessible backcountry and vacant allotment permits

INFORMATION: The permit holder is in voluntary non-use; not a big deal if they continue to graze or not. If allotments become vacant, may never get stocked again but that is a management issue not a noxious weed issue. There are advantages to having active grazing allotments because it is in their best interest to maintain healthy rangelands and the permit holders often report weed occurrences. Voluntary non-use is for 3 years in a row for voluntary basis or 4 years total. All allotments are tied to base property or handling facility. Permitted allotments are very valuable to livestock operators.

EDRR FRAMEWORK

INFORMATION: Purpose is to set up a detection network with several partnering entities.

- Comments or questions about it- can be submitted to CDA
- Emphasis is on correct and accurate weed identification
- Assess noxious species in a systematic way; contract is between CSU and CDA
- Ensure field going personnel are knowledgeable about rare and endemic plants present and can differentiate between those and new non-native occurrences

QUESTION: Morgan County wants some a mobile application or some way to report point and polygon occurrences.

INFORMATION: CDA is working on developing a common mobile mapping system that will be compatible or easy to use with existing data capture capabilities. Ideally there will be the ability to import a variety of data formats and export data, and provide map production. A common data language will need to be set up so that no matter what the data capture format is, it is consistent at the very basic level. One idea is to have photo-based system that allows individuals to report occurrences but those need to be data quality control checked and field verified, and who will do that (CDA or County Weed Managers) remains a decision point.

DISCUSSIONS: There are a variety of tools and technologies currently available.

EDDMapsS West <https://www.eddmaps.org/west/>

MapItFast <http://www.agterra.com/mapitfast-mobile-cloud-data-logging-for-gis-systems/>

iNaturalist <http://www.inaturalist.org/>

RULE AMENDMENT

INFORMATION: Lara has updated the List B management plans in the rule. CDA will make sure we inform the public, formally and informally. Administrative hearing is nearing; as a result CDA can incorporate comments, or not. December 31st is when it will be published and implemented. No changes to List A or C, will remove *Alyssum murale* (yellowtuft) from Watch List- aggressive but in three years have not seen changes in occurrences, or distribution. CDA proposes to add hoary alyssum (*Berteroa incana*) to the Watch List- toxic to horses, roadside weed

QUESTION: Can you incorporate thresholds for when a certain management method is appropriate?

Colorado Noxious Weed Advisory Committee Quarterly Meeting

August 10, 2016 in Meeker, CO



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INFORMATION: Generally the rule has listed broad categories of methods that are appropriate. CDA will discuss the details of this with the attorney on Thursday. The Factsheets will detail these thresholds.

DISCUSSIONS:

Maximum size for pulling- e.g. knapweed in Spruce Gulch, when biological control is appropriate (less than 5 acres use herbicide), etc.

Factsheets are good handouts- also insert the threshold for when a certain method is appropriate

ACTION: Lara Duran will proposed more details on management options in the rule, either in the species section or as a disclaimer at the beginning of the rule, and will detail this on the factsheets

QUESTION: Since this year's Annual Rule update includes Eurasian watermilfoil and jointed goatgrass, should the hybrids between Eurasian watermilfoil x native northern watermilfoil (*Myriophyllum sibiricum*) and jointed goatgrass x winter wheat (*Aegilotriticum sancii-andreae*) be included in the rule?

DISCUSSIONS:

- CPW treats the hybrid- it is more hardy/vigorous, the native is also very aggressive, would treat it similarly Eurasian watermilfoil
- Hybrids are more aggressive and can be resistant to herbicide treatments
- DNA Assay at CSU Weed Science lab can be used to determine if occurrence is the native or non-native species
- Yes, because if they are not included, then it creates a loop hole in the rule and it won't get treated

ACTION: Lara Duran will proposed this to CDA's attorney and Steve Ryder at the next meeting when the proposed rule changes are reviewed

DECISION: The Committee seconded a motion to move forward with the proposed annual rule changes.

PRESENTATION: Severance Tax Law & Funding for Aquatic Nuisance Species (ANS); Presented by Elizabeth Brown

- As of July 1st the severance tax funds are \$0
- Applies \$10m of conservation programs, e.g. natural areas, T&E species, ANS, forestry- in the Species Conservation Trust Fund, CWCB funds
- Fluctuating funds anyway but expect won't get a rebound in the foreseeable future
- CPW is working with the stakeholders and partners across the state
- August 22nd will reconvene the stakeholder group
- Presented to legislature that was well received- need laws to obtain funds, e.g. non-motorized boater fees, boater fees, out of state, fishing license & hunting, water container fees, USACE, USFS, DOR- need cost share partnership agreements
- Senator Bennet is on board and is working with Senator Gardner
- Need \$4m for current program, need \$5m if include federal partners
- 800 inspectors across the state
- Asking for hold-over funds for 2017
- Won't see revenue until 2018
- Have to make or be given funds
- Affects all of Department of Natural Resources (DNR)
- Will be multiple bills
- Permanent employees will retain their positions
- Hydro power, irrigation, etc.



PRESENTATION: Chicory List B or C Status?; Presented by Lara Duran

DISCUSSIONS:

- Is now widespread but not abundant
- Occurrence was traced from a half dozen plants, now 10 acres interspersed mainly along trails and roads
- This year it appears to be more abundant due to precipitation, perhaps
- It cannot compete with smooth brome
- It is not virulent
- Highline canal is an issue, mowing spreads it, has seen it increase in past, can
- Can it be elevated at the local level to a B status?
- County weed management and control is set up around A and B species, will only control C list species if extra funds are available
- Need to do more intensive survey to really determine the occurrence across the state; the timing of the questionnaire that was just sent out was poor due to it being in the middle of the busy field season
- If it is listed as a B, it may change funding needs and impact which list B species get treated
- There is a need to influence the Seed Act- this is the key to controlling chicory (and numerous other weed species)- chicory is not even on the Seed Act list at all; it is not a contaminant species
- From a seed producers perspective- how difficult it is to deal with?
- Is it worth the energy to move from a C to a B?- E.g. grants and funding?
- Is there capacity within each county to handle the list we currently have? Is there capacity if it is moved it to List B?;
- We need to first influence the Seed Act
- If it got moved from a C to an A, then counties would be heavily impacted, but moving it to List B is more reasonable

MOTIONS PROPOSED:

- To next meeting- dive into the Seed Act and make recommendations for what needs to be updated
- Put chicory on the prohibitive list in the Seed Act- seconded and approved
- Respond to Garfield County weed advisory board and look into moving it from C to B list with the caveat to adding it to the C list

DECISION: The Committee seconded a motion to respond to the Garfield County Weed Advisory Board

ACTION: Steve Ryder will draft and send the response to Garfield County.

DECISION: The Committee seconded a motion to look into moving it from C to B list with the caveat to adding it to the C list.

ACTION: Lara Duran will gather more information on the current abundance and distribution of chicory across the state.

LIST A SPECIES

INFORMATION: *See previous entry above* Flowering rush and parrotfeather were found in a nursery visited by Patty York. Flowering rush was pulled from the shelves immediately. The vendor stated that

Colorado Noxious Weed Advisory Committee Quarterly Meeting

August 10, 2016 in Meeker, CO



COLORADO
Department of Agriculture
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Parrotfeather was an income generator for aquatic nurseries. The vendor intend to write a letter to CDA asking for it to be removed from List A. No letter was received to date.

DISCUSSIONS:

- Once it is on a list keep it on the list until we know for certain it is not an issue

WEED FUND

INFORMATION: CDA would like advice on how to package and offer grants next year. Administratively, it is a question of workload and capacity. We would like to be effective and efficient and be more focused. We have three people managing grants and it is very time consuming. Ideas could be offering block grants, providing funds to organized local groups, focusing on weed prevention areas, focusing on other species. We are not going to fund research. Last year the focus was on B List species.

QUESTION: Could a graduate student be funded for outreach?

- Maybe; we need to stay true to the law
- Research would have to be realistic, applied to management. E.g. Pinedale aerial applications in WY on cheatgrass of Esplanade, acts like a spring annual, cost share possible; non-target impacts e.g. resistance and resilience of non-target species.

DISCUSSIONS:

- Some of the funds could be developing the Russian olive one to one replacement program. Phareatephyte funding was only for one year and those funds are gone.
- Fund could be spent to provide more education and outreach on weeds, especially how they affect pollinators. The western bumble bee is now listed sensitive species in Region 2
- Local county weed manager needs funds; small grants are carrots towards long-term management of species.
 - Could get a new CWMA going every year with grant funds instead of funding the same large counties each year.
 - At the same time, we don't want to penalize those that are managing weeds.
 - Long term weed management should be part of the ranking criteria: How are you going to sustain this long-term?
 - Grants could help make solicitations to counties to develop partnerships with other weed managers.
 - Could divert 50% of grants towards small projects and 50% to large multi-partner organizations/CWMA.
- Have to be transparent about scoring projects if add research (criteria)- broad group of grant reviewers

ACTION: Steve Ryder, Lara Duran and Patty York will come back with ideas for October meeting

ACTION: Steve Ryder will send out a draft copy of last year's RFP to the board

PRESENTATION: CPW's Noxious Weed Management; Presented by Elizabeth Brown

- Big focus is on education with recreationists
- All taxa program e.g. feral hogs, emerald ash borer, (not invasive birds or fish)
- Represents DNR on the Advisory Committee- reports back to DNR
- CPW- wildlife and parks are very different in management of noxious weeds

Colorado Noxious Weed Advisory Committee Quarterly Meeting

August 10, 2016 in Meeker, CO



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- Parks has 28 reservoir parks, 3 large river parks
- Noxious weed treatments in 2011 spent by different programs
- State parks, SWA property management, area 3 special projects, wetlands, HPP grants
- \$895k on just weed control
- CPW leadership team- law enforcement branch does noxious weed management; not a budget for terrestrials, do not have a permanent weed coordinator for terrestrial
- Park or Area Manager- budgets for that area; implemented by the technicians on the ground
- Wildlife areas are bundled; parks have dedicated permanent technician
- Funding priorities-List A, then List B eradication, then CPW mission (e.g. cattail management for waterfowl habitat)- purpose of individual property (e.g. Staunton Park for mnt bikes- puncturevine)
- Suppression or List C- very rarely gets funded
- Every park has a weed map, every biocontrol release site,
- Wildlife does not have central mapping or data; they manage it and it stays under their jurisdiction
- Properties do not live within counties- cross counties- rules that apply to a county is difficult; not time to learn the rule; created a GIS model- polygon-
- Don't know if they have the weed or not on the wildlife areas;
- Send the factsheet out
- Vector management focused- protect Colorado lands and water campaign- combined 4 campaigns into one
- Focus on whitewater users this year
- Complement the department of agriculture
- Now have a webpage for invasive species
- Developed outreach and education materials – e.g. weed kits for classrooms; agency wide curriculum 6 week segment on invasive species then limnology and stream ecology- how humans affect the world
- Big game hunting brochures have invasive message- open to recommendations for content changes
- Fishing license now has text about invasive species
- CDA forest exotic species- don't bring wood from out of state, e.g. mailing to hunters
- Will change their exhibit to focus on invasive species at Butterfly Pavillion
- CAST- CO Association of Science Teachers and CO STEM Science and Technology Management
- Macrophytes- next meeting's presentation

Next Meeting

- End of October
- Meet in Broomfield, one day

ACTION: Steve Ryder will send out a doodle poll to find the best date

Round Table Announcements

South Suburban Parks

- Pokeman Go- higher number of visitors but increase also in collisions; visitor counter; 350 visitors in one hour; looking at buying lures to bring them in, brings them off the trail into restoration sites, main corridors sent to google maps are getting increases in use from Pokemon Go
- In 3 counties, new director to decrease community concerns and issues- weeds are one of top complaints in the district, took ag supply account for noxious weeds to manage 11k acres, big dry creek corridor project is partnering with other agencies

Colorado Noxious Weed Advisory Committee Quarterly Meeting

August 10, 2016 in Meeker, CO



COLORADO
Department of Agriculture
Conservation Services Division

Denver City & County

- USFWS Denver is an urban bird treaty city now, one of 20 cities that has its designation, to increase migratory bird awareness, will incorporate some kind of Pokemon Go-type app but for birds; advocating for the national lights out campaign, migration, counts of dead birds around buildings, needs testers for app (Lara and xx volunteered to test the app)
- City is worried about needles used for drug injection in city water, along Cherry Creek bike path, near the Confluence, and in noxious weed infested areas; is a big issue

US Forest Service/Region 2/White River National Forest

- Substantial funding issues for invasive weeds for next few years; did not give any aquatic invasive funds to the state this year, are looking for other ways to fund people and
- Travel management and OHV- huge issue for noxious weeds, also pertains to mountain bikes; have standards for cleaning vehicles, etc. WO discussions for protocols to clean tanks so don't spread from fire to fire
- Participating agreement- has an indemnity clause to address liability
- Denver Water Board, contributed funds for part of a seasonal employee for Eagle County this year
- Marston Lake is lined with purple loosestrife

Morgan County

- One of the commissioners is dedicated to noxious weed management and have gotten additional funds to get better management
- trying to combine into one partnering with the conservation district
- Drive onto people's yards- affecting ornamentals; could be a label violation

Summit County

- Bill Jackson (US Forest Service, Dillon Ranger District) paid the county to control weeds on the NSF
- Have towns and CDOT and Denver Water paying the county to control the weeds for their property
- Have a new county weed coordinator
- Participating agreement- shelter the funds- need to get it
- Cannot pull weeds- some species don't respond to this method
- Weed advisory committee was liaison for
- Backpack sprayer program to be effective- 24 hour loan with powdered chemicals add water; Lisa started that; includes education component
- Citizen advocates are valuable part of program

Denver Botanic Gardens

- Hairy willowherb is now in check, not the conduit, two sprays, scouting has not found new occurrences;
- still looking for a person to fill a sprayer position, can give a few months work, no one that wants to do that kind of work- fall work, eight applications
- Doing a restoration on Deer Creek that runs into Chatfield, near Jeff Co, how to eradicate smooth brome permanently, burn regrow fertilize round up, then restore, plus hydrology- USACE land, reconnected old oxbows and now re-wetted lands
- Japanese beetles- now taking over Denver

Rio Blanco County

Colorado Noxious Weed Advisory Committee Quarterly Meeting

August 10, 2016 in Meeker, CO



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- Budget cuts from decrease in oil and gas production
- Lost all agriculture representation on county commissioner seats in an agriculture dominated county
- Important time for the county weed board to be present and active

CSU Scott Nissen's Lab & Weed Science Department

- Will be selling a weed seedling id book, just sent off to printer for proof
- Cost will be \$15 to \$20
- Will contain weeds and restoration species
- Will be a money maker hopefully
- Will be selling CSU Weed Science t-shirts and hats too

Plant Select

- Week long conference on perennial plants
- New plants coming into the horticulture industry
- Global exploration is diminishing- permits are hard to obtain
- Breeding work for bigger flowers or are sterile flowers- don't want seedlings
- Small group of native species- pollinators could be a tie to this news
- Potential for native species use
- Question for where to get native plants
- Issue is there are not pretty in a pot- not selling
- Not a lot of educated staff at the
- Be a habitat hero- garden talks habitat friendly gardening, water saving awards
- CO native plant sale, CONPS
- Rocky Mnt Native Plant scaled way back
- Native Roots in Boise
- Midwest native plant sales are much bigger- not allowed to have runoff so must capture all water

- Yampa River- new plants that never went through the testing program
- Cypress spurge in the garden in the Yampa
- Orange hawkweed in the garden in the Yampa

Colorado Parks & Wildlife

- No updates

CO Department of Agriculture

- Working on a state and private forestry grant to install boot wash stations in WY and SD in the Missouri watershed

Respectfully submitted,

Lara Duran, List B Noxious Weed Specialist