

MEETING MINUTES

Meeting/ Project Name:	Montana Invasive Species Council		
Date of Meeting:	May 23, 2018	Time:	10-4
Minutes Prepared By:	Kate Wilson	Location:	Montana State Capitol, Helena
1. Welcome and Introductions:			
<p>Bryce Christiaens opened the meeting at 10:05 a.m.</p> <ul style="list-style-type: none"> Round robin introductions 			
2. Attendees			
<p>MISC Voting Members: Dennis Clairmont (CSKT), Dave Burch (MT Dept of Ag), Mike Miller (MT Dept of Transportation), Jan Stoddard (MT Dept of Commerce), Steve Wanderaas (McCone Conservation District), Andy Welch (Northwestern Energy), Tom Woolf (MT Fish Wildlife and Parks), Leigh Greenwood (TNC), Alyssa Piccolomini (MDA - for Kim Mangold), Dennis Longknife (Fort Belknap), Mike Miller (MDT), Steve Tyrrel (Ag representative)</p> <p>MISC Federal Partners: Carmela Romerio (BLM), Gary Adams (USDA APHIS), Bill Sparklin (USFWS), Monica Pokorny (NRCS)</p> <p>MISC Members Phone: Alec Underwood (National Wildlife Federation), Laurie Shafer (Fort Peck Tribe), Jane Mangold (MSU Extension)</p> <p>Other Attendees: Stephanie Hester (DNRC), Kate Wilson (DNRC), Bryce Maxwell (Montana Natural Heritage Program), Hope Stockwell (Legislative Services), Hallee Kansman (University of Montana Law School), Rachel Frost (Missouri River Conservation Councils/CEMMRT), Mark Bostrom (DNRC), Bill Whitacre (Western Governors' Association – phone)</p>			
3. Agenda and Notes, Decisions, Issues			
Topic	Discussion		
<p>Environmental Quality Council/AIS state funding mechanisms update</p> <p>Hope Stockwell, Legislative Services</p>	<ul style="list-style-type: none"> EQC next Tuesday and Wednesday (May 29/30) AIS Program funding mechanisms <ul style="list-style-type: none"> Watercraft fees, angler prevention pass, hydro fees, gas tax revenue generated by motorboats Gas tax allowed because for 'off road' purpose Handouts on what types of boats are out there, which ones register in the state How much gas do boats use in Montana? State parks currently get some of the motorboat gas tax <ul style="list-style-type: none"> 1977: 28,000 motorboats using 150 gallons/year 2018: Over 100,000 registered boats (69,000 have purchased the 3 year decal – best number we have right) Based on calculation of 169 gallons per year/18.3 gallons per hour FOAM, Walleyes Unlimited, MOGA estimate they use ~500 gallons a year (could generate up to \$9.3M annually) Current fees generating \$6.9M annually Discussion about not continuing to include hydro fees in state funding mechanism Scenarios: runs through different options – out of state angler prevention pass (reduce). Idaho model (sticker fee for motorized, non-motorized). Come in person to provide public comment or submit comments to hstockwell@mt.gov prior to the meeting. Current: ~\$14M for 2 years (\$6.2M annually allocated to FWP/DNRC [\$355k/\$500k grants]) Current requirements for Montana registration of boats: pay a one-time only registration fee to the state. Every 3 years must get a 'validation decal' from FWP (free). Helps keep track of boats. Nothing now for a decal related to AIS. Could do separate from registration or find a way to incorporate in current registration process. 		
<p>Welcome</p> <p>John Tubbs</p>	<ul style="list-style-type: none"> Welcome back to Helena Visited with Director of MDA – honey bees infected with mites in quarantine (small hive beetle – a regulated pest, but first detection in MT) <ul style="list-style-type: none"> MDA dealing with a real issue today – MT number 2 in honey production. Serious threat to agriculture – not just honey industry but role as pollinators. Brings to attention the value of MISC and the all-taxa approach Emerald ash borer detection in South Dakota a big concern 		

	<ul style="list-style-type: none"> Executive budget proposals happening now – agencies meeting to discuss. Would like to discuss hydro fees, as important part of funding scheme now. Key that legislature did not have continued funding – one time only, renewal required in next session. Nobody backing away from seriousness of issue – so solution needs to be found. Upper Columbia Conservation Commission (UC³) position now based in Missoula (Kate Wilson) Reclamation program has been hosting \$500k AIS grants. Have often been the ‘start up entity,’ but now in existence multiple years, so looking to shift funds to new source (not reclamation). Needs Governor’s approval.
<p>Administrative Business: Minutes discussion and approval</p> <p>Bryce Christiaens, Stephanie Hester -</p>	<p>February 20 Minutes</p> <ul style="list-style-type: none"> Quorum confirmed A reminder that if members send a proxy, they need to inform Chair Christiaens before the meeting. February 20, 2018 meeting minutes <ul style="list-style-type: none"> <i>Motion:</i> Steve Wanderaas motioned to approve minutes, Andy Welch seconded <i>Discussion</i> – some of action items from February meeting didn’t make it to agenda for this meeting. Stephanie Hester to make sure that they are captured and moving forward. <i>Vote:</i> unanimous approval. Motion passes. <p>Budget for MISC</p> <ul style="list-style-type: none"> Did not get either grant (Noxious Weed Trust Fund, Integrated Pest Management) so adjusted budget (\$7500 and \$8500 removed) Some padding but recommend waiting on voting on a budget now as need actuals from Science Advisory Panel and summit planning (vote on next meeting) Move to action item for next meeting <p>Invasive Tree Committee</p> <ul style="list-style-type: none"> Jasmine Reimer has volunteered to be chair – has been active on Russian Olive and salt cedar issues. Stephanie Hester and Gary Adams support Jasmine as chair. <ul style="list-style-type: none"> <i>Motion:</i> Leigh Greenwood motioned to elect Jasmine as chair of the invasive tree committee, Laurie Shafer seconded <i>Discussion</i> – none <i>Vote:</i> unanimous approval. Motion passes. <p>MISC Member Vacancies</p> <ul style="list-style-type: none"> Steve Wanderaas has found someone interested in private landowner position. Needs to connect with Stephanie on process to get considered/appointed by the Governor. 2 additional vacancies (Northern Cheyenne, Little Shell Tribe of Chippewa) – Gary Adams offered to work with contact at Northern Cheyenne <ul style="list-style-type: none"> Dennis Longknife working with Stephanie Hester on MISC hosted Tribal Invasive Species Forum. Good way to engage tribes not represented on MISC. Northern pike in trout streams and interest on the reservation in restoring the native trout population. Need support in community and could use advice from MISC on best approach to address issue. Put on agenda for next meeting. Jan Stoddard: New Tribal Officer at Commerce, so could work with them to try to engage tribes as well. <p>Other MISC Updates</p> <ul style="list-style-type: none"> Ag radio show (Northern Ag Network) would like to interview someone from MISC on August 28 – if anyone from MISC willing to be point person, looking for volunteers to assist with drafting questions and being interviewed. Outreach in eastern Montana <ul style="list-style-type: none"> Steve Tyrell offered. Steve Wanderaas can ‘pitch in’ as well. USDA Veterinary Services/Dept of Livestock: Stephanie Hester and Kate Wilson participated in 3-day functional exercise for Foot and Mouth Disease. Recognition from state that we aren’t well positioned for invasive species emergency response. Discussing with Disaster and Emergency Services (DES) to develop and train an interagency response team – DES willing to work with MISC to provide certification and training to ensure team has prerequisites. <ul style="list-style-type: none"> Non-fire/flood emergencies do not have teams in place ready to be deployed Bryce C to Gary A: Other state teams in North America to use as model? Not really. Fed team only organized ICS approach that exists. California or Florida (big ag states) might be exception. Not usually a well-organized state equivalent. Trying to integrate fed system into state very challenging (no infrastructure in place). Gary would support concept, but not aware of any great models out there. Long term discussion, but should pursue.

	<ul style="list-style-type: none"> ○ Stephanie H: County Assist Teams as model in the state (flood/fire) ○ Steve T: Fully support working towards that capability. Identify roles and team members based on regularly authorities would be beneficial – all state agencies, pre-identified individuals with ICS training would be valuable to state. ○ Mike M: MDA has Emergency Services person that should be consulted. MDA staff has been exposed to some ICS training, but not sure how other agencies ○ Tom W: FWP has a rapid response exercise (flood type scenario), included training. FWP trying to build capacity for rapid response where they have authority (chronic wasting disease example). Build infrastructure so that there are trained staff available ○ Bryce C: This has come up in every one of the response exercises (tree pest, mussels), would be great to integrate DES in the next ones. And would support approach • Mark Bostrom: Funding for MISC was set up for one time only (and UC3). Have gone ahead and made the request to push those positions (Stephanie Hester and Kate Wilson) to permanent. A letter from MISC would be desirable if supported. <ul style="list-style-type: none"> ○ Leigh G: What entities can advocate for state funding? Concern with proper adherence to rules on that. Clarification needed before brought before MISC for sign on letter. ○ Action item for next meeting: draft letter of support
<p>Governor's Summit on Invasive Species</p> <p>Bryce Christiaens</p>	<p>Law Review</p> <ul style="list-style-type: none"> • Most of interviews wrapped up now (state, federal, local government). Still need to do quite a bit of work with Tribal governments. Meeting in June will be a good opportunity to work through what Tribes have on books for invasive species authority. • Several rules that have been used for invasive species that weren't intended (e.g. FWP seizure of evidence vs. AIS Act on quarantining a boat because of precedent). • Introduce law student (Hallee Kansman – UM) • Any comments or initial thoughts on Table of Contents? Full compendium will have all language associated with statutes, but too many pages (135) to print out drafts <ul style="list-style-type: none"> ○ Leigh G: Header of 'insect pests,' suggest 'insects and disease' to be more inclusive ○ Leigh: Federal authorities moving out of Canada – Plant Protection and Quarantine (add). Quarantine 37 – might apply to onions, potatoes, etc. (things that get planted in the earth). • Gaps identified but in general not a lack of authority uncovered in interviews/literature review <ul style="list-style-type: none"> ○ Regulatory & enforcement issues: Bonding issue (Supreme Court Judge Committee) <ul style="list-style-type: none"> ▪ Counties authority to enforce noxious weeds growing on private property (how to force private property owners to act) ○ Comprehensive invasive species list: non-noxious weeds mixed bag. How to we incorporate regulatory for all taxa list? How do we get species listed? Where is list housed? Some good models out there to look at – needs to be a larger conversation about how to implement. ○ Lack of ownership on aquatic invasive plants – MDA feels that authority has been given to FWP by Bullock administration (2011 transfer of Aquatic Plant Specialist from MDA to FWP). FWP views plants as agricultural issues (not fish and wildlife issue). <ul style="list-style-type: none"> ▪ Moving forward on species like flowering rush, has been an issue. No state leadership on the issue currently. ▪ Same model for federal funding for inspection stations (match) now extended for flowering rush and clear that this is a gap for the state ▪ What is solution? Legislative decision probably. Also have aquatic plants panel at the 2018 Summit. Have recommendation come out of summit. ▪ What about EWM? Has MDA taken that on? FWP Aquatic Plant Specialist works on Jefferson Slough ▪ Tom: Noxious weed law houses aquatic plants (orphan species – need another look and attention). FWP surveys for them annually. ▪ Stephanie: DNRC AIS grant program has funded multiple aquatic invasive plant control projects over the years. ○ Listing of AIS – species like northern pike (clear economic benefit, but also clear ecological impact), how to address? Need larger discussion on how state addresses, especially given downstream states and Tribes actively working to eliminate species they consider invasive but we do not. ○ Management of invasive species vs. vectors (firewood, hay and watercraft examples). Organize regulations/statutes around vector protects better for all species. A number of examples that we have uncovered in the law review process. ○ Funding for invasive species – different jurisdictions do differently, lack of funding, complications on sharing responsibilities across federal, state and Tribal lands ○ Data sharing and management across entities: privacy laws/issues (Customs and Border Protection example of lack of authority under Lacey Act).

	<ul style="list-style-type: none"> ▪ Dennis Longknife: Minnow survey conducted by Fort Belknap. Not sure about whether they will be willing to share or not. <p>Listening Sessions</p> <ul style="list-style-type: none"> • Once we have compendium and identified issues list in more of a finalized form, will be moving forward with listening sessions across the state (similar to how MISC developed the framework). Get public comment on invasive species issues and potential solutions – things that have worked at local level that could be applied at larger level (and vice versa). • Make sure we have good coverage across the state – ask MISC partners to help organize and get the word out about listening sessions. • Need to have everything vetted and proposed (recommendations prior to summit) before November 15-16 Summit • Last year: Miles City (little participation), Fort Peck (0 attendees) • Volunteers: Steve Wanderaas. Leigh G (plant pest theme). • Leigh G: Organize by geography or topic? Bryce C: Probably geography but could depend on if there are specific issues in specific places (could be mix of theme and coverage). • Stephanie H: Need to ensure coverage in eastern Montana - Miles City/Wolf Point, Fort Peck suggested • Jan S: Who do you want to attend? What is ideal demographics? Bryce C: Practitioners, managers, interest groups, etc. <p>Western Governors' Association Workshop – November 14, 2018 (Helena)</p> <ul style="list-style-type: none"> • Bill Whitacre: WGA incoming chair gets choice of topic to focus on for year intensively. Incoming Governor of Hawaii electing to focus on biosecurity and invasive species. • Series of workshops format – 4 for this initiative, spaced 4-6 weeks apart. Intent of those is to get a wide variety of stakeholders in the room (state, federal, Tribal, interest groups, NGOs, etc.). Record and livestream all workshops (publish and incorporate in year 1 report that informs policies and recommendations). • Governor Bullock interested in holding workshop – makes sense to hold in conjunction with the MISC Summit. Just starting work on agenda. Bill working with Stephanie and Kate on organization, panel themes/topics and speakers. • WGA: 4 workshops with specific themes. 1. Lake Tahoe (Sept) – cross border management of established species. 2. Cheyenne, WY (Oct) – restoration after infestation. 3. Helena, Montana (Nov) – EDRR. 4. Hawaii (Dec) – biosecurity and transportation. • Will be some overlap between the WGA Workshop and MISC Summit, though will likely have more regional/national presence at the WGA workshop. MT summit going to focus on state-specific issues, whereas WGA workshop will focus on regional level issues and solutions. • Mike M: Hot topic that you might want to consider – Disaster and Emergency Services, idea for model of interagency response team. Bill: Think that would be fascinating panel – and makes sense for using Montana as model for ICS and emphasizing the need for EDRR. • Stephanie H: Will work with planning team to come up with topics/themes and speakers (for both MISC Summit and WGA workshop). Will present to Patrick Holmes at the Governor's Office for consideration and feedback.
<p>Project and Agency/Organization updates</p> <p>Stephanie Hester, Kate Wilson, Tom Woolf, Bryce Christiaens,</p>	<p>Economic impact study (mussels only) – Kate Wilson</p> <ul style="list-style-type: none"> • Working with UM – Flathead Lake Biological Station socio-economist Nanette Nelson • Steering Committee: Kate Wilson, Tom Woolf, Steve Tyrell, Stas Burgiel (NISC), Pat Riley, Rachel Frost, Tenlee Atchison, Lori Curtis, • Steve T: Pat Riley (retired from DNRC water resources) contacted GIS specialist to pull data on water users/surface water rights that has been transferred to economist for review • Tom W: Add Tribal/cultural values to chart <p>Missouri River Pilot Project – Stephanie Hester</p> <ul style="list-style-type: none"> • National Invasive Species Council (NISC) funding received in 2017 – project has been going on for a year, but completed by September 30th (no option to extend) • State, federal, Tribal, non-governmental coordination – issues specific to central and eastern Montana (different than west of the divide) • January workshop: Integrate information into EDRR supplemental plan that is specific to eastern Montana • Geographic response plan concept, importance of EDRR: Canyon Ferry, Tiber, Fort Peck • Document that all partners sign on to – understand roles and responsibilities (e.g. state takes the lead on response, but partners can assist locally in education and outreach, etc.) • White paper on how state of Montana share's invasive mussel response (lessons learned) for regional application. Contractor working on currently – conducting interviews (4 question interviews with relevant parties).

- State-wide approach but focus on Missouri River for this pilot. UC³ doing similar activities west of the divide in the Upper Columbia basin.
- Share whitepaper with regional groups – consider topic for summit or WGA workshop
- Held regroup meeting on Monday – biggest role for Central & Eastern Montana Mussel Response Team (CEMMRT) is education and outreach. Big focus on irrigators.
- Fort Peck mussel tabletop exercise to be held August 28 (final meeting for Missouri River pilot)
- Conservation Districts running watercraft inspections – kudos to Steve Wanderaas for reaching out to CDs on issue. Contract with FWP and Garfield CD (flowing wells station).

Science Advisory eDNA panel – Tom Woolf

- Panelists: Caren Goldberg (WSU, biggest body of eDNA published work), Jim Darling (EPA – Asian Carp eDNA), Jim Snider (California Fish & Wildlife), Karen Vargas (previous Nevada AIS Coordinator, chair of WRP monitoring committee) and John Amberg (USGS Research Fish Biologist), Robert Bajno (chemist for Fisheries and Oceans Canada)
- Technology being used throughout the west, but not by state agencies. Concern with state of science and how to use eDNA for state management, resources and political implications of a detection. Currently not recognized as
- Keyed into gaps associated with eDNA for mussels – ‘trust issues’ with agencies. No body in samples (just water that detects DNA), so difficult to rectify management implication (e.g. closing waterbodies or access points, quarantine, rule-making, etc.)
- Panel laid out steps forward to break down barriers, lead to acceptance of technology. But no one entity to go to for guidance/leadership.
- Recommendations:
 - Develop, refine and agree upon method/standards with adaptive capacity
 - Develop consistent language
 - Develop communication plan between managers and labs
 - Coordinate across western partners and cross-border partners via WRP/WGA
 - WGA workshop could host panel session on topic as well (Nov 14 workshop)
 - Identify risk tolerance and map mang. actions for detection scenarios and trends
 - Test assays with round robin study
 - Gene sequence any positive result to confirm
 - Optional conditions for eDNA detection during mussel spawning
 - Use eDNA to contribute to the weight of evidence
- Action item: discussion/approval of recommendations
 - Recommendations final now – panel has provided feedback already
 - Could either pass recommendations as they are or draft letter and move recommendations forward to the Governor’s Office, EQC, Western Regional Panel, Western Governors’ Association
 - *Motion:* Steve W. motioned to approve panel recommendations as MISC recommendations, Steve Tyrell seconded
 - *Discussion* – clarification on action. Who is meant to accomplish recommendations? Pending approval take recommendations to WRP and WGA for consideration (taking on at regional level). MISC duty ends with approving recommendations and handing them off. Will keep on issue even when we push to regional partners.
 - *Public comment:* Mark Bostrom – a lot of great questions that came from the audience at the panel. This technology does need work to be used as a management tool – this is really a first step. Support advancing to Governor’s office and handing off to regional organization.
 - *Vote:* unanimous approval. Motion passes.
- We budgeted for 2 panels – what are other potential topics for Science Advisory Panel? Discuss at future meetings.

Upper Columbia Conservation Commission – Kate Wilson

- June 13 meeting at the Flathead Lake Biological Station
 - State funding mechanism discussion/recommendation
 - Northwest Power Planning & Conservation Council
 - Vector management: seaplanes, fire equipment, 310 permits
- E&O Strategy for Upper Columbia: capture all existing efforts, address gaps
- Monitoring Plan for Upper Columbia: capture all existing efforts, incorporate eDNA protocols in addition to traditional plankton tows/microscopy
- Bureau of Reclamation and DNRC funding to cover development of materials, education & outreach, expansion of monitoring network (beyond Flathead basin), pilot project for marinas and boat shops

Emerging Issues (American bullfrog)

- Bryce Maxwell (Montana Natural Heritage Program) caught expansion of American bullfrog
- Bitterroot bullfrogs infestation widespread, but not moving up the Flathead River, about to enter the valley (Polson/Ninepipes area big concern – impacts on waterfowl)
- Introduced in the 1940s – possibility of controlling along the Yellowstone, but probably not in the Bitterroot (widespread). They will eat everything (including each other, rattlesnakes, ducklings, smallmouth bass, etc.).
- Steve T: Who has authority over? Management? FWP has regulatory authority over management. Effort along the Yellowstone (MNHP, USGS) to survey extent of spread. USGS doesn't do management and FWP overloaded other matters so no active management going on currently.
- Dennis L: Northern leopard frog project with CSKT (research). After 2 years of data collection, release sites expanding into new areas, deemed a success. Bullfrogs on radar for impacts.
- American bullfrog agency meeting on what is feasible, then report back to full council at next MISC meeting

Agency & Organization Updates

- CSKT (Dennis Clairmont)
 - Concern with invasive grass (ventenata) on bison range, over 30k acres
 - Medusa head started at Valley Creek now covering 60k acres
 - White top exploding on the reservation
 - Virgil Dupuis – flowering rush USACE funding
- DNRC/APHIS/TNC
 - Gary A: Status of emerald ash borer – deregulation federally? Very difficult to regulate a species that moves widely on its own and by humans. USDA would like to see move from enforcement to management (biocontrol). Will have opportunity to provide feedback on proposed rule – MISC will have opportunity to provide input.
 - Leigh G: Propose rule to remove regulation. Proposed rule to public comment timeframe unknown – 'cry wolf' a lot because timeline hard to predict. Will need to provide comment within 60 days when the time comes. Huge implications for west vs. east states. Even if it makes it out rulemaking to comment – actual rulemaking could take years. Frustrating when trying to provide input. South Dakota (Sioux Falls) only 10-hour drive – firewood vector.
- Tourism (Jan Stoddard)
 - Another record year for tourism (Glacier and Yellowstone)
 - Record number of RVs sold, more Americans predicted to travel
 - For next 4 weeks, work with 150 visitor info centers in Montana – if there are specific information you want to incorporate, provide information to Jan (bulleted talking points)
 - Firewood, Clean Drain Dry (mandatory inspections), weed free hay, cleaning off-road equipment, Play Clean Go as topics to send forward – E&O Committee
 - Include information that we would want visitor services staff and volunteers to say to visitors
 - Infographic as option – Jan had asked to put up in visitor area bathrooms
- MDA (Matt Miller)
 - Statewide Vegetation Management Plan now up for review
 - Looking for suggestions for vendors if you know anyone who does that kind of work
 - Busy time of year – have been asked a few questions. What is MISC doing for the terrestrial community? Education & outreach, data management. What else?
 - Steve W: Have to remember not to overreach and step on toes, so I find that question hard to answer too
 - Matt M: Ensure that we are addressing issues for terrestrial community as well as other priority issues (e.g. mussels, emerging species)
 - Steve T: Terrestrial weed guy by occupation. Challenge when you have well established group like Noxious Weed Association and MDA rules. MISC can fill gaps but can also have mutually beneficial initiatives (medusahead and ventenata)
 - Stephanie H: Public meeting – anyone can attend MISC meetings. MDA serves on Council to represent terrestrial weed community and ensure terrestrial weed perspective. Noxious Weed Education Campaign coordinator on MISC education & outreach committee and MDA Tree Pest Committee chair.
 - Jane M: Agree with Steve T's comment – terrestrial noxious weed world has been well organized for many years now. Maybe a way for MISC to best interact with them is to

	<p>look at their lessons learned and try to apply them/call on terrestrial folks to help guide us as we move forward addressing other issues/species</p> <ul style="list-style-type: none"> ○ Bryce C: Look at the way terrestrial species get listed, one example of a way we can learn from their organizational structure ○ Gary A: on board of advisors for a couple of terrestrial groups. Often have agenda by which organizations pitch what they are doing and discuss. Maybe MISC should get 10 min on agenda for update and advice on how to engage • TNC (Leigh Greenwood) <ul style="list-style-type: none"> ○ Forest pests that adhere to anything – gypsy moth, spotted lanternfly movement (pallets, RVs, boats, etc.). Not always firewood – long distance highway dispersal a big issue. Working on awareness issue. • NRCS (Monica Pokorny) <ul style="list-style-type: none"> ○ Appreciate MISC and education efforts. Glad to see new FWP materials that better address irrigation and eastern Montana demographics (beyond boats) • APHIS (Gary Adams) <ul style="list-style-type: none"> ○ Trainer who did tree pest willing to come back for non-tree pest exercise if desired. Gary would request if there is interest. Need to know what kind of incident to exercise and timeline ○ Steve T: Could be good for legislators to attend ○ APHIS provided traps to detect emerald ash borer to cities and DNRC • EXTENSION (Jane Mangold) <ul style="list-style-type: none"> ○ New update on weed identification guide. Now have link for each species (extension or NRCS) that speaks to management of invasive weeds. ○ Fact sheets for newer/high priority invasive terrestrial plants ○ Ventenata tour on Tuesday, June 26 with BBQ – substantial infestation around Bozeman. Invite to MISC. Include in MISC update/ListServe • DNRC (Mark Bostrom) <ul style="list-style-type: none"> ○ This body could be advisory body to DNRC if AIS grant funds move from reclamation • FWP (Tom Woolf) <ul style="list-style-type: none"> ○ Over 6k boats inspected this season, 3 mussel-fouled. Stations are open. Data app working. Idaho has 18 mussel boats intercepted. (Mostly get notifications beforehand from AZ and NV. Great year for mussel growth in the Lower Colorado. Years working in the west to enhance notification and communication going to fruition now.) ○ Contracted with CSKT, Blackfeet, Missoula County, Garfield CD ○ Whitefish Lake, Glacier, Bighorn mostly using education materials and protocols ○ Passport for low risk boaters going well – good feedback so far ○ Monitoring efforts have been initiated. Tiber and Canyon Ferry sampling will continue to be intensive <ul style="list-style-type: none"> ▪ DNA plan on Tiber this year (sampling/analysis) ○ Education and outreach: Work closely with DNRC (Kate) on targeted education and outreach. PR firm targeting out of state boaters. ○ Broadus site: roving crew to pop up periodically to see traffic. Has game camera on order, will be deployed to get baseline data on boat traffic. ○ Steve T: Game cam that collects nighttime data? Concerned about Midwest traffic. Tom W: Trigger distance shorter, hard to get close enough to the road. ○ CSKT first station to conduct night inspections (24/7) ○ Steve T: Interest of marina operators to become part of program -inspections at marina. Tom W: Option to certify private vendors as inspection stations (esp. afterhours).
Committee Reports	<p>Education & Outreach – Kate Wilson</p> <ul style="list-style-type: none"> • RFP review for websites/materials – Windfall firm out of Missoula, MT selected by review committee at public meeting this morning. Contract to be awarded very soon. • MISC Annual Report: feedback in next couple of weeks. Send to E&O Committee for discussion. Discuss best printing option. • ISAN training: Fort Peck June 12, Missoula June 19, Great Falls June 28 – send poster to Dennis for distribution to Tribes • Rotunda event March 1st (during session) – National Invasive Species Week. Opportunity to engage legislators. Interested entities contact Stephanie or Kate. • AIS inventory (UC3) available if interested • Draft messaging for visitor information centers – send around for feedback • Steve T: Pipes for mussel displays. FWP will make available. <p>Data management – Bryce Christiaens (Missoula County), Bryce Maxwell (Montana Natural Heritage Program)</p> <ul style="list-style-type: none"> • Incorporate invasive species data into Montana Natural Heritage Program

- Bryce M: beta sites. Montana Field Guide Invasive and Pest Species (AIS, noxious weeds, forest pests, agricultural pests). Forest and ag pests need a lot more information added, AIS and noxious weeds comprehensive already.
- Turn on live? It is ready if MISC is ready. Download guides by clicking on PDF
- Non-native species section: Used to be grab bag of all non-listed species (over 400!), now categorized by family. Ag crops – have them in field guide but not listed under category?
 - Forbs (269) and grasses (80) – classes still very big How valuable?
 - Steve T: What is goal of project? Non-native species include crops that aren't invasive – why list here? Confusing
 - Bryce C: Committee discussed dropping from key area on website
 - Bryce W: Value is 'watch species' – not accounted for elsewhere
 - Monica P: What about making 'noxious weeds and non-native plants' one category
- Discussion on ag crops: different than invasive species. Don't think they belong. Could cause some issues with perception. One option - test out how users actually use information.
 - *Motion*: Steve T. motioned to make site live with exception of ag crop listing, Steve W. seconded.
 - *Discussion* – none
 - *Vote*: unanimous approval. Motion passes.
- WAFWA list on sage grouse habitat – weakness was invasive species data management. Keep in mind and also tie to WGA workshop.
- Predictive models: data management committee to continue to discuss value based on species
- FWP data app now available for partners to report monitoring and survey efforts
- Missing data is likely due to the fact that we haven't added all data sets yet or information has not been shared with MNHP
- Geographic Response Plan update (not part of data management committee, separate project of interest): ARCGis online project. Agencies can view data layers at different zooms. Can feature story maps on websites as well. Priority areas include Flathead Lake, Tiber Reservoir, Canyon Ferry Reservoir and Fort Peck Reservoir.
 - One gap: Irrigation district boundaries, canals and diversions
 - Docks and piers can digitize from aerial maps and add manually

Tree Pest – Stephanie Hester (for Katie McKeever)

- Katie McKeever took new position with USFS. Needs approval from USFS (new agency) to continue to serve as chair
- Over 30 attended tree pest exercise (hosted by APHIS) – scenario of emerald ash borer in Missoula
- Included city foresters for the first time – very valuable
- Dennis L: fire team doing some monitoring for beetles at Fort Belknap
- Action item (that came from tree pest exercise): All taxa rapid response plan discussion/approval. In framework that we need to develop (after invasive mussel EDRR guidelines). Part of contract that we already have in place, and have budget as well. Framework document.
- Steve W: Reviewed statewide EDRR for mussels at Lewistown meeting – good plan
- Bryce C: Makes sense to have this type of framework in place for concept of interagency response team for invasive species detections
 - *Motion*: Steve W. motioned to create general all-taxa EDRR plan, Leigh G. seconded
 - *Discussion* – none
 - *Vote*: unanimous approval. Motion passes.

Firewood – Leigh Greenwood (for Amy Gannon)

- Recommendations for MISC to discuss/support:
 - Support education & outreach efforts targeting entities most likely to transport firewood into Montana
 - Support and develop cross agency education & outreach
 - Explore measures to prohibit firewood transport through MCA or rules
 - *Motion*: Steve T motioned to accept recommendations, Steve W. seconded
 - *Discussion* – how do 3 recommendations align with national recommendation from the National Plant Board? All different states are to pursue firewood regulations on their own, though template could be

	<p>created (intent of National Plant Board). MT unique in that it is not currently pursuing regulations BECAUSE of an emerald ash borer detection (doing proactively).</p> <ul style="list-style-type: none"> ▪ <i>Vote:</i> unanimous approval. Motion passed. <p>Invasive Trees – Stephanie Hester</p> <ul style="list-style-type: none"> • No report – Jasmine R. to take over as chair • Salt Cedar Team – Steve Wanderaas: No treatment planned as no funding available. USACE planning to continue mapping
Public Comment	<ul style="list-style-type: none"> • None
Wrap Up	<p>Next meeting: August 21, 2018 at capital</p> <p>Other</p> <ul style="list-style-type: none"> • Northern Pike regional forum at PNWER July 24 • MSU Extension store: best way to order new ID guides (\$4.95 per book) – NRCS might be able to supply some of the hard copy booklets. Encourage people to use the e-version of the guide. Bookmarks coming (to hand out instead of books). • MDA might have materials too (Layla Dunlap – follow up) • Steve T: engage noxious weed folks whenever possible. Demonstrate leadership on aquatic invasive plants by addressing head on (pose risk to the state) – should be priority issue. <p>Adjournment</p> <ul style="list-style-type: none"> • <i>Motion:</i> Steve W. motioned to adjourn, Jane M. seconded • <i>Discussion</i> – none • <i>Vote:</i> unanimous approval. Motion passed. <p>Adjourned at 3:55 pm.</p>

Updated 8/8/18

4. Action Items				
Action (From previous meetings)		Assigned	Due Date	Status
1	Request information from members on updates, media, and events for Invasive Species listserve/Bulletin	ALL – send to Kate Wilson	Ongoing	Ongoing
2	Explore becoming partner in 'Squeal on Pigs' campaign, app and hotline (WA, OR, ID)	Kate Wilson/E&O Committee	August 30	Received info on process. Need to see if able to add MT

3	Look at Montana Conservation Menu website as model for invasivespecies.mt.gov website	Kate Wilson/E&O Committee	July 1	Provided info. to contractor
4	Marias River float scheduled for July 12 – Follow up on event to see if there is ability to partner at event	Kate Wilson/Stephanie Hester	June 1	Stephanie presented on MISC
5	Consider sending MISC representative(s) to ISAC functions in DC and providing sponsorship next year – vote on at next meeting	Bryce C./Stephanie Hester	Dec 15	Approved by Exec. Committee
Action (From May meeting)		Assigned	Due Date	Status
6	Discuss/approve adjusted budget at next MISC meeting	Stephanie Hester	July 15	On Aug. 21 agenda
7	MISC to host Tribal Invasive Species Forum	Stephanie Hester and Dennis Longknife	June 14	Complete. Next tribal forum scheduled for Aug 20.
8	Discuss Northern pike issue in trout streams on Fort Belknap at next meeting	Dennis Longknife	Aug. 21	Discussed at invasive species tribal forum
9	New Tribal Officer at Commerce, so could work with them to try to engage tribes as well	Jan Stoddard and Stephanie Hester	June 1	Complete. Working with Carla Lott.
10	We budgeted for 2 panels – what are other potential topics for Science Advisory Panel? Discuss at future meetings (add to agenda for next meeting)	Stephanie Hester and Bryce Christiaens	Aug. 21	On Aug. 21 agenda
11	American bullfrog agency meeting on what is feasible, then report back to full council at next MISC meeting	FWP-Laurie Hanauska-Brown	Aug. 21	Meeting in Polson July 18
12	Draft talking points to incorporate in information to visitor centers statewide, provide information to Jan (bulleted talking points) Firewood, Clean Drain Dry (mandatory inspections), weed free hay, cleaning off-road equipment, Play Clean Go as topics to send forward – E&O Committee	Kate Wilson, E&O Committee, Jan Stoddard	ASAP	Complete and distributed to visitor centers statewide
13	Check with Carol Bearden at MDA to see if MISC can get time on advisory committee agenda	Stephanie Hester	Aug. 21	Stephanie presented to the Noxious Weed Advisory Council July 11
14	Trainer who did tree pest willing to come back for non-tree pest exercise if desired. Gary would request if there is interest. ID what kind of incident to exercise and timeline	Bryce Christiaens and Gary Adams	July 1	In process. Planning for early 2019

15	Ventenata tour on Tuesday, June 26 with BBQ – substantial infestation around Bozeman. Invite to MISC. Include in MISC update/ListServe	Jane Mangold to share. Stephanie Hester to send on to MISC members	June 15	Stephanie attended tour. Ventenata is being discovered in several counties
16	MISC Annual Report: feedback in next couple of weeks. Send to E&O Committee for discussion. Discuss best printing option.	Kate Wilson	June 5	Final draft in process.
17	ISAN training: Fort Peck June 12, Missoula June 19, Great Falls June 28 – send poster to Dennis for distribution to Tribes	Kate Wilson	June 1	Complete
18	Rotunda event March 1 st (during session) – National Invasive Species Week. Opportunity to engage legislators. Interested entities contact Stephanie or Kate.	All – Stephanie Hester and Kate Wilson to organize	March 1	Rotunda reserved.
19	Follow up with MDA Layla Dunlap for ag materials (MISC booths at events)	Stephanie Hester	June 1	Complete

