

14 October 2022

Session #1 - Current Knowledge: latest research and proposed applications

Objectives

- Develop a shared understanding of our current knowledge about fisher (*Pekania pennanti*)
- Seek feedback on how the current knowledge is proposed to be used to guide fisher recovery within the context of supporting forest ecosystem resilience
- Identify key outstanding questions and partnership opportunities to address knowledge gaps

Proposed Agenda

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| 10:00 AM Pacific Time | <p>Presentation and discussion on related studies: fisher genetics, vital rates, population viability assessment</p> <ul style="list-style-type: none">• What has been learned• Key outstanding questions <p>Presenter: Rich Weir, Carnivore Conservation Specialist, Province of BC</p> |
| 11:30 | <p>Indigenous knowledge about fisher and its role in forest ecosystems</p> <ul style="list-style-type: none">• Insights from recent efforts by a few First Nations to gather traditional ecological knowledge about fisher <p>Presenters to be determined. Please contact Cathy.Scott-May@outlook.com by September 30th if your Nation would like to share information during this session.</p> |
| 12:00 | <p>Lunch</p> |
| 1:00 | <p>Applying the knowledge: drafting priority areas for retention and recruitment</p> <ul style="list-style-type: none">• Integration of fisher knowledge, research, and modeling with the provincial biodiversity assessment and climate change information to identify draft priority areas – initial focus on the Cariboo Region• Key assumptions, questions, and implications for natural resources management <p>Presenters and support staff from the Province of BC: Scott Yaeger (Fisher Conservation Lead), Doug Lewis (Landscape Ecologist, Provincial Cumulative Effects, and Integrated Monitoring Team), Kyle Lochhead (Ecological Modelling Specialist), Rich Weir</p> |
| 2:00 | <ul style="list-style-type: none">• Summary of key outstanding questions• Next steps• Partnership opportunities to address knowledge gaps and support next steps |
| 2:30 | <p>Meeting adjourned</p> |

09 November 2022

Session #2 - Current Management: assessment, lessons learned, and future options

Objectives

- Develop a shared understanding of the effectiveness of:
 - Coarse filter management strategies to support fisher
 - Existing stand level fisher habitat guidance
- Explore opportunities and challenges for:
 - Expanding implementation of existing fisher habitat guidance
 - Use of additional tools and strategies to support forest biodiversity and fisher recovery

Proposed Agenda

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| 10:00 AM Pacific Time | Overview of coarse filter management strategies and implications for biodiversity and fisher habitat <ul style="list-style-type: none">• Key assumptions, questions, and implications for future management Presenters: Kyle Lochhead, Scott Yaeger, Doug Lewis |
| 10:30 | Overview of existing fine filter management strategies: Evaluation of support for fisher within Forest Stewardship Plans and gaps to population recovery Presenter: Sandra Frey, Carnivore Conservation Biologist, Province of BC, supported by Rich Weir, Scott Yaeger |
| 11:00 | Lessons learned from application of current fisher habitat guidance <ul style="list-style-type: none">• An opportunity for First Nations and industry representatives to share their experiences in applying existing fisher habitat guidance Presenters: to be determined. If you are interested in being a presenter, then please contact Cathy.Scott-May@outlook.com by September 30 th |
| 12:00 | Lunch |
| 1:00 | Looking forward: potential tools and strategies Coarse filter strategies: <ul style="list-style-type: none">• Potential modifications to biodiversity targets• Old growth – possible benefits to biodiversity and fisher from ongoing efforts to expand and/or spatialize old growth management areas• Integrating climate and wildfire refugia mapping to refine priorities and strategies Presenters: Doug Lewis Fine filter strategies: <ul style="list-style-type: none">• Tools to support consistent implementation of fisher habitat guidance |

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| | <ul style="list-style-type: none">• Social choice decisions where forestry economics may constrain implementation of fisher guidance and potential further changes to trapping regulations• Criteria and guidance for use of engineered solutions where necessary, e.g., denning boxes, construction of habitat structures, translocation of animals <p>Presenters: Scott Yaeger</p> |
| 2:00 | <ul style="list-style-type: none">• Summary of key outstanding questions• Next steps• Partnership opportunities to address knowledge gaps and support next steps |
| 2:30 | Meeting adjourned |