# *MPB Conference Posters*

## INTERACTIVE PRESENTATIONS

**Stand Dynamics**

1. **Craig DeLong and Bruce Rogers** - A Framework for Documenting the Effects of the Mountain Pine Beetle Outbreak in Sub-Boreal Forests of Northern B.C: Two years following establishment.

2. **Alan Vyse**. Regeneration beneath lodgepole pine dominated stands attacked or threatened by the mountain pine beetle in the Kamloops Timber Supply Area, British Columbia.

3. **Kyle Runzer**. The forest is alive after MPB attack.

4. **Brad Hawkes**. Mountain pine beetle increases the complexity of fire-origin lodgepole pine stands in British Columbia, Canada.

5. **Derek Sattler.** A hybrid modeling approach to estimating seedling establishment and growth following mountain pine beetle attack.

6. **Phil Burton and Darin Brooks.** Predicting the Distribution of Secondary Structure, Advance Regeneration, and Conifer Stocking in Pine-Dominated Stands.

**Biodiversity and Wildlife**

7. **Pierre Iachetti**. Development of a Decision-support Framework for Conservation Planning in the BC Interior.

8. **Harold Armleder.** Mountain pine beetle and northern caribou: the Itcha-Ilgachuz experience.

9. **Kathy Martin.** After the mountain pine beetle epidemic in interior BC: approaches to biodiversity maintenance and forest conservation.

10. **Douglas Steventon.** Landscape Strategies for Mountain Pine Beetle Management: Some Stewardship Implications.

11. **Scott McNay.** Potential implications of beetle-related timber salvage on the integrity of caribou winter range.

12. **Don Morgan.** Ecosystem services in an uncertain world.

13. **Robin Munro.** Implications of Forest Management in Response to the 1970's Mountain Pine Beetle Infestations on Grizzly Bears in the Flathead Drainage.

14. **Doug Lewis, Christian St Pierre, Alistair McCrone**. Trends in Salvage Logging Practices in Mountain Pine Beetle Affected Landscapes: Implications to Biodiversity Conservation.

**Mountain Pine Beetle Biology and Population Dynamics**

15. **Honey Giroday and Brian Aukema.** Effect of terrain on insect deposition and population establishment in northeastern British Columbia.

16. **Alvin Yanchuk**. Genetic variation of attack and resistance in lodgepole pine to mountain pine beetle.

17. **Dezene Huber.** THE NISTO PROJECT mountain pine beetle system genomics.

18. **Fraser McKee.** Chip off the old block? Effects of early adult experience and present host on female colonization and male joining behaviour in mountain pine beetle colonizing pine vs. spruce.

19. **Brent Murray.** A Genetic Analysis of the Western Canadian Mountain Pine Beetle Epidemic: Phylogeography and Long Distance Dispersal Patterns.

**Fibre Opportunities/Manufacturing**

20. **Brooks Dallin**. Thermal Modification: Value-Added Wood Drying Process to Imitate Cedar.

21. **Feng-Cheng Chang, A. Oudjehane and Frank Lam**. Development of MPB wood cement composites.

22. **Yue Chen**. Bending behavior of thick laminated MPB wood plates with different connections.

**Range Values**

23. **Andrew Pantel**. Mountain Pine Beetle/Natural Range Barrier Mitigation Program.

**Silviculture/Restoration**

24. **Chris Hawkins.** Doing nothing is all right: managing young pine stands after the beetle.

**Watersheds**

25. **Markus Schnorbus**. Quantifying the hydrologic impacts of mountain pine beetle and associated salvage operations in the Fraser River watershed

26. **Pat Teti.** Snow and solar radiation in growing and deteriorating pine stands.

## STAND ALONE POSTERS

**Stand Dynamics**

1. **Pat Teti.** Sampling secondary structure on novel aerial photographs.

2. **Biodiversity and Wildlife**

3. **Patrick Daigle.** Road Access Management: The US Forest Service Approach.

4. **Don Morgan.** Mountain Pine Beetle and Wildlife Habitat Supply.

**Mountain Pine Beetle Biology and Population Dynamics**

5. **Alex Plattner**. Variations in pathogenicity of Grosmannia clavigera, a mountain pine beetle associated blue-stain fungus.

6. **Dan Ott.** Genetic variation of lodgepole pine chemical and physical defenses that affect mountain pine beetle attack and tree mortality.

7. **Erin Clark.** Induced terpene defense response of lodgepole and jack pine.

**Fibre Opportunities/Manufacturing**

8. **Kathy Lewis and Doug Thompson**. Wood decay and degradation in standing lodgepole pine killed by mountain pine beetle: Trees killed 1 - 10 years ago.

9. **Steve Helle**. Ethanol from hemicellulose extraction & fermentation.

10. **J. Wang, C. Zhang, A. Oudjehane, G. D. Smith & F. Lam**. Development of thick MPB strand based wood composites: Creep and permeability analyses.

11. **Feng-Cheng Chang, A. Oudjehane & F. Lam**. Development of MPB wood plastics.

12. **Mohammed Jahangir Chowdhury**. Performance of coating systems on mountain pine beetle affected blue-stained wood.

13. **Martin Feng**. Value-added treatments for post-MPB wood products.

**First Nations**

14. **Natasha Caverley.** Understanding the “Human Dimension” of the MPB Epidemic – Lessons Learned from the First Nations Mountain Pine Beetle Initiative.

**Silviculture/Restoration**

15. **Matthew Klingenberg.** What’s next? Warren root collar weevil pressure in young lodgepole pine stands replanted following the mountain pine beetle outbreak.

16. **Randy Moody and Joanne Vinnedge.** Whitebark Pine – Initiating Restoration Efforts in British Columbia.

**Watersheds**

17. **Stephane Dube and John Rex.** Hydrologic Effects of Mountain Pine Beetle Infestation and Salvage Harvesting Operations.

18. **Cornelia Scheffler**. Development of a Hydrologic Process Model for Mountain Pine Beetle affected Areas in BC.