

**March 4, 2010 minutes**

Conference call

**Attendees:** Dave Kolotelo (chair), Sally Aitken, Lee Charleson, Andreas Hamann, Jodie Krakowski, Michael Murray, Tory Stevens, Tongli Wang, Jack Woods

We are pleased to welcome Michael Murray to GCTAC.

**1. Revision of Genetic Conservation plan:**

- Support to review and update the Genetic Conservation plan that was accepted by the FGC in September, 2007
- **Action** - FGC endorsement for revision and update will be requested at the March 16, 2011 FGC meeting
- **Action** - The plan will be circulated to GCTAC members immediately and comments will be returned to Dave K. by May 27<sup>th</sup>.
- It is envisioned that a subcommittee of the GCTAC will be set up to revise and update the plan and that the revisions will address FGC strategic objectives (or recommend changes to these objectives)

**2. Genetic conservation and genetic resource management posters prepared by Jodie:**

- Final date for feedback to Jodie is March 9<sup>th</sup>
- **Moved** that GCTAC members approve the posters (with any minor revisions suggested by March 9<sup>th</sup>) and recommend they proceed to the Extension TAC for publication (Jack / Tory). CARRIED.

**3. Budgets for 2011/12****Seed testing - Dave:**

- Presented a request for testing seed in the genetic conservation collection, with a focus on whitebark pine. Modest amounts reflect real costs and the capacity of Seed Center staff to devote time to this project.
- Budget levels requested are 1. \$5,000, 2. \$4,000 and, 3. \$3,000. The different amounts are proportional to the number of samples to be tested. Costs are about \$22 to \$30 per sample.

**In-, Ex-, and Inter-situ conservation - Jodie:**

- Update on 2010/11 activities: Lots of variation from planned due to budget restrictions and issues within the MFML. This work was discussed at the December, 2010 meeting.
- Proposes genotyping of non-commercial species to better understand conservation needs and to allow efficient conservation efforts.
- Good protocols for genotyping work are required to ensure population sampling, genotyping and analysis provide information that supports development of a genetic conservation strategy and activities. A subcommittee of people with expertise in this area will be set up to advise Jodie.

- Species priorities and the approach taken should also be considered by the subcommittee. Some projects may also require phenotyping work and would be best structured as a student project through the Center for Forest Conservation Genetics
- Screening for blister-rust resistance is supported through acceptance of Jodie’s plan. This work needs to be developed strategically (clear objectives, identify populations, approach for screening, data analysis, how results will be used to advance objectives).
- Jodie was advised to modify her in-situ budget section to “Non-commercial Species Conservation” to allow more flexibility for planning and advancing this work.
- General support for budget levels presented, with modifications discussed.

**Center for Forest Conservation Genetics – budget and activities - Sally:**

- An overview of the budget sent prior to the meeting was presented
- Leverage of requested funds with a large Genome Canada proposal and other sources was outlined. Funding to the CFCG would support climate modeling and other projects, while leveraging about 1.336 million in other funding.
- Projects with Garry oak and Pacific dogwood would be finished completed, and a project on the genetic structure of interior spruce would continue with additional support from an NSERC grant and an existing 4-year fellowship.

**Moved** that GCTAC will recommend the following budgets to the FGC on March 16<sup>th</sup>, 2011 (Lee / Tory). CARRIED.

| <b>Group</b>                                | <b>Option 1</b>  | <b>Option 2</b>  | <b>Option 3</b>  |
|---|------------------|------------------|------------------|
| MFML Tree Imp. Br. (Jodie)                  | \$87,000         | \$75,000         | \$63,850         |
| UBC Centre for Forest Conservation Genetics | <b>\$157,240</b> | \$147,520        | \$147,520        |
| MFML Tree Seed Center (Dave)                | \$5,000          | \$4,000          | \$3,000          |
| <b>Total</b>                                | <b>\$249,240</b> | <b>\$226,520</b> | <b>\$214,370</b> |

**The meeting was adjourned at 2:30 PM**

Minutes prepared by Jack Woods and Dave Kolotelo