GROWING FOR RESTORATION – PROTOCOLS FOR SUCCESS

**We BEGIN with Collection**
- Use seed when possible for genetic diversity.
- Collect from at least 50 plants, no fewer than 10.
- Collect within the watershed of the project.
- Collect several times throughout year.
- Leave 95% of seed for natural regeneration.

**Record Keeping**
- Keep precise and permanent record.

**Pre-germination Treatments**
- Seeds with hard coats require treatment to allow water absorption.
- Mimic winter conditions especially if germination has been slow in the past.

**Unique Containers**
- Tube containers give long straight roots.

**Transplanting**
- Herbaceous plants are transplanted throughout the summer.
- Transplant quick and slow germinators.
- And large and small plants to avoid artificial selection.

**Seed Sowing**
- Herbaceous seed is sown on flats in greenhouse to maximize germination.
- Research on treatments and germination protocols for each species is ongoing.
- Woody seed is usually sown directly in special tubes.

**Outplanting**
- If all has gone well through the year, outplanting is done with winter rains.

**Sustainability-walk the talk**
- Minimal water use, recapture, reuse.
  - Organic-non-petrochemical fertilizers and pesticides.
  - Low nitrogen fertilizer rates.
  - Good root:shoot ratio.
  - Let native insects on plants live.
  - Biofilters to catch any runoff.

**We END with Restoration**
- In future year’s we have a rich diverse plant community with true habitat value.