**Seed Orchards – Genetics & Management**

**Purpose:** Present state-of-the-art seed orchards knowledge (Faulkner’s 1975 book is out of date)

**Participants**: It is intended to produce a global product; however, the prominence of some countries could not be overlooked

**Proposed Title:** Seed Orchards – Genetics & Management

**Proposed Editor:** Yousry A. El-Kassaby

**Possible** **Publisher**: SkogForsk / FAO / For. Genet. Council of BC (anyone will do!)

**Proposed chapters and lead author:** Lead author is responsible for lining up relevant co-authors and communication with the editor.

1. The business of seed orchards 🡪 Jack Woods (Canada)
2. Linkage between breeding and genetic gain deployment and generation turnover🡪 Dag Lindgren (Sweden)
3. Location and environmental factors 🡪 Oystein Johnsen / Tore *Skrøppa* (Norway)
4. Seed orchards designs 🡪 Yousry El-Kassaby (Canada)
5. Softwood seed orchards 🡪 Matti Haapanen (Finland)
6. Hardwood seed orchards 🡪 Mohan Varghese (India) / Dario Grattapaglia (Brazil)
7. Indoors/container seed orchards 🡪 Curt Almqvist (Sweden)
8. Genetic thinning and selective harvest 🡪 Kyu -Suk Kang (Korea)
9. Maximizing genetic gain and diversity 🡪 Tomas Funda / Milan Lstiburek (Czech Republic)
10. Pollination dynamics, inbreeding and gene flow 🡪 Tom Adams (USA)
11. Reproductive phenology 🡪 TBD
12. Fecundity variation 🡪 TBD
13. Management 🡪 Nebi Bilir (Turkey) / David Reid (Canada) / Finnvid Prescher (Sweden)
14. Crop protection 🡪 TBD
15. Seed biology 🡪 Dave Kolotelo (Canada)
16. Seed orchards and climate change 🡪 Michael Stoehr / Greg O’Neill (Canada)
17. Alternative high gain methods 🡪 Tom Blush (USA) / Yill Sung Park (Canada)