

Sampling

7 species

European
(native population) 13
sites, 63 seed families
(see section 2.2)

North American
(introduced population)
3 sites, 21 seed families
(see section 2.2)

Growth chamber treatments (full factorial design)

60 day
stratification

30 day
stratification

18/8°C

22.7/
12.7°C

27.33/
17.33°
C

32/22°
C

Measurements

Germination
success

Time to
germination

Growth rate

Statistical analysis and nesting design

Bayesian multilevel
models

Species 1

Species n

Site 1

Site n

Site 1

Site n

Seed
family 1

Seed
family n

Seed
family 1

Seed
family n

Seed
family 1

Seed
family n

Seed
family 1

Seed
family n