ESCAPE LIFE

Ex-situ Conservation of Finnish Native Plant Species

Milestone report on Action C.8

Helsinki, 29.9.2015
Pauliina Kulmala, Metsähallitus/Parks and Wildlife Finland
Action C.8: Reintroduction of plant species

- Action status: in progress

- Milestone deadline 30.9.2015: Reintroductions of four plant populations: now reintroduced 8 populations representing 5 taxa - > **Milestone completed**

- The expected result of Action C.8 is to reintroduce 9 populations representing 3-4 plant taxa - > **will be completed this autumn**

- Reintroduced populations so far:
  - 2014: *Polygonum oxyspermum*, Kotka, Southern Finland
  - 2014: *Carex viridula var. bergrothii*, Tervola, Lapland
  - 2014: *Armeria maritima subsp. intermedia*, Hamina, Southern Finland
  - 2014: *Viola uliginosa*, Tampere, Southern Finland
  - 2015: *Epilobium laestadii*, Kuusamo, Northern Finland
  - 2015: *Epilobium laestadii*, Salla, Northern Finland
  - 2015: *Carex viridula var. bergrothii*, Ilomantsi, Eastern Finland
  - 2015: *Carex viridula var. bergrothii*, Lieksa, Eastern Finland
C.8: *Polygonum oxyspermum* (CR)

- Only one known growing site left in Finland
- Seeds were sown to Kotka locality on a military area in Sept 2014
- Monitoring in August 2015: no plants found, winter storms had hammered the beach badly → a new trial in October 2015
C8: Epilobium laestadii (EN)

- A northern species, about 45 known populations left
- Two populations reintroduced in 2015
- Reintroduction was preceded by habitat management

Reintroducing *laestadii* plants on an alkaline spring fen in Salla.
20th August 2015
Photos: Tiina Laitinen
C8: *Carex viridula* var. *bergrothii* (VU)

- Mostly disappeared from Southern Finland due to drainage of alkaline fens
- Three populations reintroduced in 2014 and 2015

Planting of *bergrothii* tussocks. Lieksa, 8th September 2015
Photos: Maarit Similä
C.8: *Armeria maritima* ssp. *intermedia* (CR)

- The only populations left grow in 1 km² area in Hamina, Southern Finland
- 1 population reintroduced in 2014
- About 75% of the seedlings are influenced by sheep grazing and the rest are fenced out

The fence protecting *Armeria* plants from grazing. Hamina, August 2015