

## Kluane Common Garden – Phenology Protocol

### *Quick check – 30 minutes or less*

- 1) Print or make copy of most recent Common Garden Schematic (attached pdf).
- 2) Make note of (e.g. tick relevant box if printed) any shrubs that have new **leaf bud (LB)** i.e. leaves starting to break from buds but have not yet fully emerged, or **leaf out (LO)** i.e. there are full leaves on the shrub.
- 3) Check for any flowers or catkins on the shrubs and mark next to the shrub name if these are present.
- 4) Take photos and measure three leaf lengths for the following shrubs (highlighted on schematic in orange). Two photos should be taken per shrub, first of the shrub itself, then of its label.

HE-SP 2	HE-SP 18
KL-SPC 3	KL-SPC 8
HE-SR 3	KL-SRE14
KL-SRC 2	HE-SR 21
HE-SR 8	KL-SRC 11
KL-SRE 6	HE-SP 23
HE-SP 6	KL-SPC 13
KL-SPE 10	

- 5) Scan in schematic sheet and send with photographs to [haydn.thomas@ed.ac.uk](mailto:haydn.thomas@ed.ac.uk) and J.Assmann@ed.ac.uk.

### *Moderate check – around 1 hour*

- 1) Steps 1-3 of 'Quick check' above
- 2) Take photos and measure leaf length of all shrubs with new leaf out, in addition to the shrubs in the above table. Two photos should be taken per shrub, first of the shrub itself, then of its label.
- 3) Scan in schematic sheet and send with photographs to [haydn.thomas@ed.ac.uk](mailto:haydn.thomas@ed.ac.uk) and J.Assmann@ed.ac.uk

### *In-depth check – at least 2 hours*

- 1) Steps 1-3 of 'Quick check' above
- 2) Take photos and measure leaf length of all shrubs with leaf out. Two photos should be taken per shrub, first of the shrub itself, then of its label.
- 3) Measure the length of any new stems for shrubs in the above table
- 4) Scan in schematic sheet and send with photographs to [haydn.thomas@ed.ac.uk](mailto:haydn.thomas@ed.ac.uk) and J.Assmann@ed.ac.uk