**Table S1**: Sites and sample depths of xylogenesis monitoring in individual years

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Treeline segment** | **Microsite** | **Coordinates** | **Elevation (m a. s. l.)** | **Number of sampled trees** |
| **2010** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
| Lucni hora | Timberline | N50° 43.32’E15° 40.32’ | 1310 | 8 | 9 | 6 |  |  |  |  |  |
| Treeline | N50° 43.45’E15° 40.70’ | 1450 | 8 | 9 | 6 |  |  |  |  |  |
| Bile Labe | North | N50° 44.10’E15° 39.54’ | 1250 |  |  |  | 8 | 8 |  |  |  |
| South | N50° 44.36’E15° 39.97’ | 1250 |  |  |  | 8 | 8 |  |  |  |
| Maly Sisak | East | N50° 45.32’E15° 39.06’ | 1310 |  |  |  |  | 8 | 8 |  |  |
| West | N50° 45.55’E15° 38.73’ | 1370 |  |  |  |  | 8 | 8 | 6 | 6 |