Supplementary data

Table S1. Laser setting information and measurement values of tree-ring analysis

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sample type | Dendro age (AD) | Shot times / spot (ms) | Spot number | Carbon weight (mgC) | F14C (±1σ) | Labo. Code TKA- |
| AKNC004bw\_1950 | 1950 | 50 | 70 | 0.107 | 1.0118 ± 0.0066 | 26246 |
| AKNC004bw\_1953 | 1953 | 50 | 65 | 0.103 | 1.0136 ± 0.0065 | 26247 |
| AKNC004bw\_1956 | 1956 | 50 | 25 | 0.106 | 1.0192 ± 0.0063 | 26251 |
| AKNC004bw\_1959 | 1959 | 50 | 30 | 0.102 | 1.1059 ± 0.0065 | 26252 |
| AKNC004bw\_1962 | 1962 | 50 | 25 | 0.117 | 1.1459 ± 0.0099 | 26256 |
| AKNC004bw\_1965 | 1965 | 50 | 30 | 0.199 | 1.4038 ± 0.0075 | 26257 |
| AKNC004bw\_1968 | 1968 | 50 | 23 | 0.126 | 1.3286 ± 0.0103 | 26261 |
| AKNC004bw\_1971 | 1971 | 50 | 23 | 0.105 | 1.2932 ± 0.008 | 26262 |
| AKNC004bw\_1974 | 1974 | 50 | 22 | 0.087 | 1.2419 ± 0.0084 | 26263 |
| AKNC004bw\_1977 | 1977 | 50 | 25 | 0.107 | 1.1995 ± 0.007 | 26264 |
| AKNC004bw\_1980 | 1980 | 50 | 23 | 0.113 | 1.1782 ± 0.0098 | 26265 |
| AKNC004bw\_1983 | 1983 | 50 | 23 | 0.101 | 1.1679 ± 0.0082 | 26266 |