**Table 2.** Characteristics of the mean tree ring chronologies. Values of the length year in parenthesis indicate years replicated more than five series. RW = mean annual ring width (standard deviation in parenthesis). MS = mean sensitivity. AR(1) = mean autocorrelation of raw series. Rbt = mean correlation between series. EPS = mean expressed population signal. EPS and Rbt are calculated for the mean residual chronologies of growth indices.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Site | First year | Last year | Length (years) | # trees | # cores | RW (mm) | MS | AR(1) | Rbt | EPS |
| caH | 1819 | 2016 | 198 (188) | 15 | 30 | 1.5 (0.879) | 0.203 | 0.827 | 0.513 | 0.907 |
| caL | 1836 | 2016 | 181 (164) | 15 | 30 | 1.253 (0.781) | 0.208 | 0.799 | 0.563 | 0.897 |
| sj | 1921 | 2016 | 96 (90) | 20 | 48 | 1.725 (1.207) | 0.319 | 0.692 | 0.797 | 0.959 |