

Column code	Definition	Unit	Number	Range
ID	Unique identification number of each record	N/A	743	1–743
Province	Province location of study site	N/A	4	N/A
Study site	Locality name of study site	N/A	122	N/A
Latitude	Latitude of study site	°	743	40.85–53.47
Longitude	Longitude of study site	°	743	118.20–133.70
Altitude	Altitude of study site	m	743	130–1260
Aspect	Slope direction of study site, including flat slope, sunny slope (south), half-sunny slope (west, southwest, southeast), shady slope (north) and half-shady slope (east, northwest, northeast)	N/A	289	N/A
Slope	Slope degree of study site	°	346	0–60
Origin	Stand origin was classified into natural and planted forests	N/A	743	N/A
MAT	Mean annual temperature, from original study or other related reference	°C	743	–6.1–7.0
MAP	Mean annual precipitation, from original study or other related reference	mm	743	355–926
Age	Stand age, which is generally defined as age since germination in natural forest and since planting in planted forest; stand age is usually obtained from historical records or tree rings	years	743	1–280
Height	Mean tree height; the estimated tree height data from the power H–DBH equation were marked with <sup>E</sup> in the data set	m	708	0.24–29.4
DBH	Mean diameter at breast height; base diameter was only given in some young forests and marked with <sup>B</sup> in the data set	cm	664	0.70–34.9
$V_{\text{tree}}$	Mean tree volume; the estimated tree volume data from the two-variable larch equation were marked with <sup>E</sup> in the data set	$10^{-3} \text{ m}^3/\text{tree}$	663	0.04–936
$V_{\text{stand}}$	Stand volume; the estimated stand volume data from the estimated tree volume and stand density were marked with <sup>E</sup> in the data set	$\text{m}^3 \text{ ha}^{-1}$	557	0.07–975
Density	Stand density/canopy density; planting density was only given in some studies and marked with <sup>P</sup> in the data set	$\text{trees ha}^{-1}$ %	623 139	213–13 275 0.2–1.0
Area	Plot area	$\text{m}^2$	378	50–10 000
Plot	Plot numbers, i.e., replications	N/A	540	1–25
Year	Investigation year	N/A	500	1954–2014
Reference	Data sources; sources used to supplement climate information lacking in the original publications are denoted by asterisks in the data set	N/A	223	1965–2015