

Additional file 1

Sampling design of NFI in Germany; Elements and methods of data sampling applied in NFI₂₀₀₂ and NFI₂₀₁₂ of Germany; *: sampling of deadwood pieces with a diameter of 20 cm in NFI₂₀₀₂ was reduced to 10 cm in NFI₂₀₁₂; further information can be found at <https://www.bundeswaldinventur.de>.

Element	Sampled via
Trees with a diameter at breast height (DBH) ≥ 7 cm	Angle count sampling, counting factor 4
Regeneration (20 – 50 cm height)	Fixed radius of 1 m
Regeneration (≥ 50 cm height and < 7 cm DBH)	Fixed radius of 2 m
Deadwood (changes of sampling criteria between NFI ₂₀₀₂ and NFI ₂₀₁₂ – calculations refer to NFI ₂₀₀₂ -method)*	Fixed radius of 5 m