**Vieilledent *et al.* – American Journal of Botany 2018 – Appendix S1**

**Definition and unit of wood physical and mechanical properties.**

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| Notation | Definition | Unit |
|  | water content or moisture | % of the dry mass |
|  | fibre saturation point (water content above which the wood volume does not increase) | % |
|  | mass at moisture | g |
|  | anhydrous mass or “oven dry mass” | g |
|  | volume at moisture | cm |
|  | anhydrous volume | cm |
|  | volume at or “green volume” | cm |
|  | volumetric shrinkage coefficient (variation in volume per 1% change in water content) | %/% |
|  | basic wood density () or “wood specific gravity” | g/cm |
|  | wood density at 12% moisture () | g/cm |
|  | wood density at 15% moisture () | g/cm |
|  | anhydrous wood density () | g/cm |
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