

# Strong radial variation in wood density follows a uniform pattern in tropical rain forests

Functional Ecology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stem extension and mechanical stability of <i>Xanthium canadense</i> grown in an open or in a dense stand. <i>Annals of Botany</i> , 2014, 114, 179-190.	2.9	8
2	Radial variation in wood specific gravity of tropical tree species differing in growthâ€“mortality strategies. <i>American Journal of Botany</i> , 2014, 101, 803-811.	1.7	23
3	The importance of hydraulic conductivity and wood density to growth performance in eight tree species from a tropical semi-dry climate. <i>Forest Ecology and Management</i> , 2014, 330, 126-136.	3.2	80
4	Stand characteristics and water use at two elevations in a sub-tropical evergreen forest in southern China. <i>Agricultural and Forest Meteorology</i> , 2014, 194, 155-166.	4.8	22
5	Patterns in hydraulic architecture from roots to branches in six tropical tree species from cacao agroforestry and their relation to wood density and stem growth. <i>Frontiers in Plant Science</i> , 2015, 6, 191.	3.6	55
6	Radial changes in wood specific gravity of tropical trees: interâ€“and intraspecific variation during secondary succession. <i>Functional Ecology</i> , 2015, 29, 111-120.	3.6	60
7	Temporal Variation of Wood Density and Carbon in Two Elevational Sites of <i>Pinus cooperi</i> in Relation to Climate Response in Northern Mexico. <i>PLoS ONE</i> , 2016, 11, e0156782.	2.5	22
8	Functional trait differences influence neighbourhood interactions in a hyperdiverse Amazonian forest. <i>Ecology Letters</i> , 2016, 19, 1062-1070.	6.4	58
9	Wood density is a poor predictor of competitive ability among individuals of the same species. <i>Forest Ecology and Management</i> , 2016, 372, 217-225.	3.2	23
10	Oldâ€“growth Neotropical forests are shifting in species and trait composition. <i>Ecological Monographs</i> , 2016, 86, 228-243.	5.4	61
11	Integrated system of equations for estimating stem volume, density, and biomass for Australian redcedar ( <i>Toona ciliata</i> ) plantations. <i>Canadian Journal of Forest Research</i> , 2017, 47, 681-689.	1.7	2
12	Evaluation of X-ray densitometry to identify tree-ring boundaries of two deciduous species from semi-arid forests in Brazil. <i>Dendrochronologia</i> , 2017, 42, 94-103.	2.2	16
13	Tree growth traits and social status affect the wood density of pioneer species in secondary subtropical forest. <i>Ecology and Evolution</i> , 2017, 7, 5366-5377.	1.9	20
14	Quantifying the role of wood density in explaining interspecific variation in growth of tropical trees. <i>Global Ecology and Biogeography</i> , 2017, 26, 1078-1087.	5.8	18
15	Patterns of within-stem variations in wood specific gravity and water content for five temperate tree species. <i>Annals of Forest Science</i> , 2017, 74, 1.	2.0	26
16	Wood traits related to size and life history of trees in a Panamanian rainforest. <i>New Phytologist</i> , 2017, 213, 170-180.	7.3	80
17	Does biomass growth increase in the largest trees? Flaws, fallacies and alternative analyses. <i>Functional Ecology</i> , 2017, 31, 568-581.	3.6	48
18	Radial variation of wood functional traits reflect sizeâ€“related adaptations of tree mechanics and hydraulics. <i>Functional Ecology</i> , 2018, 32, 260-272.	3.6	41

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19	Wood Density Profiles and Their Corresponding Tissue Fractions in Tropical Angiosperm Trees. Forests, 2018, 9, 763.	2.1	18
20	Biomass dynamics in a logged forest: the role of wood density. Journal of Plant Research, 2018, 131, 611-621.	2.4	21
21	Topography and neighborhood crowding can interact to shape species growth and distribution in a diverse Amazonian forest. Ecology, 2018, 99, 2272-2283.	3.2	72
22	Interlocked grain and density patterns in <i>Bagassa guianensis</i> : changes with ontogeny and mechanical consequences for trees. Trees - Structure and Function, 2018, 32, 1643-1655.	1.9	9
23	Wood Density Variations of Legume Trees in French Guiana along the Shade Tolerance Continuum: Heartwood Effects on Radial Patterns and Gradients. Forests, 2019, 10, 80.	2.1	24
24	Xylem hydraulic safety and efficiency in relation to leaf and wood traits in three temperate <i>Acer</i> species differing in habitat preferences. Trees - Structure and Function, 2019, 33, 1475-1490.	1.9	26
25	Disentangling the functional trait correlates of spatial aggregation in tropical forest trees. Ecology, 2019, 100, e02591.	3.2	22
26	Clues to wood quality and production from analyzing ring width and density variabilities of fertilized <i>Pinus taeda</i> trees. New Forests, 2019, 50, 821-843.	1.7	9
27	Tissue type and location within forest together regulate decay trajectories of <i>Abies faxoniana</i> logs at early and mid-decay stage. Forest Ecology and Management, 2020, 475, 118411.	3.2	9
28	Towards linking species traits to demography and assembly in diverse tree communities: Revisiting the importance of size and allocation. Ecological Research, 2020, 35, 947-966.	1.5	5
29	Leveraging Signatures of Plant Functional Strategies in Wood Density Profiles of African Trees to Correct Mass Estimations From Terrestrial Laser Data. Scientific Reports, 2020, 10, 2001.	3.3	11
30	Successional habitat filtering of rainforest trees is explained by potential growth more than by functional traits. Functional Ecology, 2020, 34, 1438-1447.	3.6	4
31	Hydraulic traits of Neotropical canopy liana and tree species across a broad range of wood density: implications for predicting drought mortality with models. Tree Physiology, 2021, 41, 24-34.	3.1	17
32	Variation in wood physical properties and effects of climate for different geographic sources of Chinese fir in subtropical area of China. Scientific Reports, 2021, 11, 4664.	3.3	16
33	Integrating species and successional classes for wood production in a mixed forest restoration system in a neotropical region. Journal of Forestry Research, 2021, 32, 2313-2321.	3.6	2
35	Intra-specific patterns of $\delta^{13}C$ , growth and wood density variation at sites of contrasting precipitation with implications for modelling carbon sequestration of tropical tree species. Agroforestry Systems, 2021, 95, 1429.	2.0	3
36	BASIC SPECIFIC GRAVITY AND ANATOMY OF <i>Peltophorum dubium</i> WOOD AS A FUNCTION OF PROVENANCE AND RADIAL POSITION. Revista Do Instituto Florestal, 2015, 27, 18-29.	0.1	4
37	CHARACTERIZATION OF <i>PAULOWNIA TOMENTOSA</i> STEUD TREES GROWN IN A 5-YEAR-OLD PLANTATION IN COSTA RICA. Cellulose Chemistry and Technology, 2021, 55, 743-753.	1.2	2

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38	Scope and Extent of Wood Biology. , 2014, , 1-19.		0
39	Scope and Extent of Wood Biology. , 2016, , 519-541.		0
40	Seleção de espécie, temperatura e tempo de carbonização na produção de carvão vegetal com resíduos madeireiros da Amazônia. Pesquisa Florestal Brasileira, 0, 40, .	0.1	2
41	Radial variations in wood functional traits in a rain forest from eastern Amazonia. Trees - Structure and Function, 0, , 1.	1.9	3
42	Wood anatomical traits mediate life-history variations at the sapling, but not at the adult stage. Trees - Structure and Function, 0, , 1.	1.9	0
43	Effects of Provenance, Growing Site, and Growth on Quercus robur Wood Anatomy and Density in a 12-Year-Old Provenance Trial. Frontiers in Plant Science, 2022, 13, 795941.	3.6	1
45	Size-related changes in leaf, wood, and bark traits in even-aged <i>Falcateria falcata</i> trees. Tropics, 2023, 32, 15-27.	0.8	1
46	Variations of deep water uptake and water use efficiency indicated divergence in tree growth stability. Forest Ecology and Management, 2023, 544, 121131.	3.2	1