

Supplementary Information

Aboveground biomass quantification and tree-level prediction models for the Brazilian subtropical Atlantic Forest

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Southern Forests 2019. <https://doi.org/10.2989/00306525.2019.1581498>

Table S1: List of the 47 sampled species occurring in the Southern Brazilian evergreen rainforest and their respective mean wood and bark basic specific gravity (ρ_{bas} ; kg m^{-3}).

Family	Species	Number of discs	Wood ρ_{bas}	SD	Bark ρ_{bas}	SD
Annonaceae	<i>Annona neosericea</i> H.Rainer	6	367.5	41.5	300.3	26.5
	<i>Xylopia brasiliensis</i> Spreng.	2	545.4	6.8	441.5	16.3
Asteraceae	<i>Piptocarpha axillaris</i> (Less.) Baker	8	340.7	33.8	285.5	54.0
	<i>Vernonanthura</i> sp.	7	323.0	37.1	136.7	37.2
Boraginaceae	<i>Cordia silvestris</i> Fresen.	3	408.3	27.2	274.4	6.0
Cannabaceae	<i>Trema micrantha</i> (L.) Blume	3	290.2	8.4	442.2	54.3
Celastraceae	<i>Maytenus gonoclada</i> Mart.	3	575.9	33.1	265.4	17.9
Clusiaceae	<i>Clusia criuva</i> Cambess.	6	616.0	17.4	480.1	34.4
Euphorbiaceae	<i>Alchornea triplinervia</i> (Spreng.) Müll.Arg.	10	414.0	28.2	511.7	51.9
Fabaceae	<i>Bauhinia forficata</i> Link	7	528.5	40.5	317.2	24.9
	<i>Dahlstedtia pinnata</i> (Benth.) Malme	4	515.3	4.5	355.3	5.2
	<i>Inga edulis</i> Mart.	4	462.4	61.8	484.3	24.6
	<i>Lonchocarpus campestris</i> Mart. ex Benth.	4	563.0	55.1	415.4	40.1
	<i>Platymiscium floribundum</i> Vogel	3	603.0	25.4	346.7	16.3
	<i>Schizolobium parahyba</i> (Vell.) Blake	8	383.1	76.3	454.9	39.5
Fabaceae	<i>Centrolobium microchaete</i> (Mart. ex Benth.) H.C.Lima	8	613.7	50.3	469.1	45.5
Lauraceae	<i>Cryptocarya</i> sp.	3	517.0	58.0	493.6	17.5
	<i>Nectandra membranacea</i> (Sw.) Griseb.	19	407.6	26.5	368.5	19.0
	<i>Nectandra oppositifolia</i> Nees	13	520.6	105.7	580.1	48.7
	<i>Ocotea puberula</i> (Rich.) Nees	4	342.3	33.0	269.5	34.2
Malvaceae	<i>Pseudobombax grandiflorum</i> (Cav.) A.Robyns	3	322.3	12.5	363.6	33.2
Melastomataceae	<i>Miconia cabucu</i> Hoehne	15	636.4	41.5	326.8	28.0
	<i>Miconia cinnamomifolia</i> (DC.) Naudin	31	594.5	28.5	418.7	41.7
Meliaceae	<i>Cabralea canjerana</i> (Vell.) Mart.	4	505.7	12.4	229.8	32.0
	<i>Guarea macrophylla</i> Vahl	3	630.7	18.6	235.5	3.6
	<i>Trichilia lepidota</i> Mart.	4	557.4	19.0	315.9	23.0
Moraceae	<i>Ficus adhatodifolia</i> Schott in Spreng.	3	370.5	39.7	230.7	74.3
Myristicaceae	<i>Virola bicuhyba</i> (Schott ex Spreng.) Warb.	11	501.8	32.1	344.3	48.7
Myrtaceae	<i>Calypttranthes lucida</i> Mart. ex DC.	5	606.8	17.2	421.8	12.1
	<i>Myrcia pubipetala</i> Miq.	4	608.3	9.5	517.9	19.9
	<i>Myrcia spectabilis</i> DC.	10	558.8	38.2	461.6	48.2
	<i>Myrcia splendens</i> (Sw.) DC.	3	549.0	25.5	536.9	43.2
Nyctaginaceae	<i>Guapira opposita</i> (Vell.) Reitz	4	289.7	11.8	343.3	52.4
Phyllanthaceae	<i>Hyeronyma alchorneoides</i> Allemão	55	639.1	40.4	458.7	57.8
	<i>Margaritaria nobilis</i> L.f.	2	711.6	27.9	425.9	3.0
Primulaceae	<i>Myrsine coriacea</i> (Sw.) R.Br. ex Roem. & Schult.	5	572.4	3.9	493.2	19.3

Family	Species	Number of discs	Wood ρ_{bas}	SD	Bark ρ_{bas}	SD
Rubiaceae	<i>Bathysa australis</i> (A.St.-Hil.) K.Schum.	11	483.6	21.3	266.9	40.2
	<i>Psychotria carthagenensis</i> Jacq.	5	501.2	16.1	382.8	25.4
	<i>Psychotria nuda</i> (Cham. & Schltdl.) Wawra	4	405.7	22.7	98.6	8.5
	<i>Psychotria suterella</i> Müll.Arg.	4	380.0	12.1	213.8	39.9
Rutaceae	<i>Zanthoxylum rhoifolium</i> Lam.	4	462.0	24.3	394.3	22.7
Salicaceae	<i>Casearia decandra</i> Jacq.	4	682.5	16.3	764.0	148.5
Sapindaceae	<i>Allophylus petiolulatus</i> Radlk.	5	578.2	40.1	449.8	59.3
	<i>Cupania oblongifolia</i> Mart.	11	694.2	48.0	594.7	32.2
	<i>Matayba intermedia</i> Radlk.	2	733.6	26.8	563.8	101.6
Solanaceae	<i>Solanum mauritianum</i> Scop.	8	359.7	23.7	168.6	12.8
Verbenaceae	<i>Citharexylum myrianthum</i> Cham.	6	498.8	22.3	428.6	96.5