

Table S3. Basal area (cm²) of focal species and total tree basal area recorded in each census of the 10 study plots

<u>Puerto Triunfo</u>	<u>10/20/2009</u>	<u>7/18/2014</u>	<u>10/25/2017</u>
<i>Alseis blackiana</i>	276.26	291.78	291.11
<i>Ampelocera cf. longissima</i>	1887.87	2032.98	2276.47
<i>Brosimum alicastrum</i>	7835.87	7031.85	7179.68
<i>Brownea rosa-de-monte</i>	1039.75	1135.81	1114.98
<i>Coccoloba ascendens</i>	872.50	916.87	1030.01
<i>Coccoloba padiformis</i>	9371.10	9157.52	9784.37
<i>Ephedranthus colombianus</i>	10615.36	10716.62	9624.32
<i>Jacaranda hesperia</i>	220.09	255.88	280.85
<i>Licaria sp3</i>	2898.54	3666.85	4079.32
<i>Maytenus macrocarpa</i>	3980.41	4101.48	3304.26
<i>Oxandra sp2</i>	3274.03	2736.84	2840.27
<i>Pachira sp2</i>	671.73	761.81	602.65
<i>Pouteria sp5</i>	1668.52	2037.48	2222.10
<i>Rinorea hirsuta</i>	329.21	344.42	359.19
<i>Swartzia simplex</i>	3739.42	3844.32	4032.24
<i>Talisia sp2</i>	1740.00	1455.69	1411.35
<i>Uribea tamarindoides</i>	408.45	635.73	803.49
Total	234788.67	262692.18	269545.53
<u>Tamesis</u>	<u>4/29/2009</u>	<u>4/25/2014</u>	<u>10/10/2017</u>
<i>Astronium lecointei</i>	9389.52	10189.62	9762.30
<i>Casearia aculeata</i>	1226.46	1145.36	834.45
<i>Clarisia biflora</i>	76720.36	78875.77	79411.00
<i>Cordia panamensis</i>	14161.40	14668.17	14547.26
<i>Cupania latifolia</i>	3318.75	4345.68	4447.74
<i>Dalbergia sp2</i>	5960.15	6259.79	6468.30
<i>Eugenia florida</i>	118.28	122.65	118.49
<i>Garcinia intermedia</i>	90.43	92.46	99.76
<i>Genipa americana</i>	6925.12	7248.16	5402.57
<i>Guapira costaricana</i>	21748.05	21422.94	19779.06
<i>Guettarda roupalifolia</i>	1637.82	1341.67	1361.16
<i>Licaria aff. applanata</i>	2107.52	2045.26	2082.84
<i>Machaerium biovulatum</i>	1586.17	1696.58	1726.63
<i>Pterocarpus sp1</i>	16318.70	18253.77	18727.91
<i>Trophis racemosa</i>	840.57	1037.43	781.30
Total	189002.14	197359.36	199499.99
<u>Maceo</u>	<u>7/2/2009</u>	<u>6/17/2013</u>	<u>2/2/2017</u>
<i>Abarema barbouriana</i>	238.88	249.69	255.83
<i>Aniba perutilis</i>	13170.97	14907.21	15782.10
<i>Buchenavia tetraphylla</i>	1541.21	1654.05	1753.04
<i>Caryocar glabrum</i>	10714.53	11947.78	12387.39
<i>Coussarea grandifolia</i>	8002.82	8117.50	7165.03
<i>Dendrobangia boliviana</i>	133.66	133.62	98.15
<i>Guatteria aberrans</i>	1253.50	1281.26	1293.63
<i>Guatteria recurvisejala</i>	2320.81	2397.75	1847.47
<i>Hieronyma sp3</i>	16190.44	15138.87	16138.53
<i>Maquira guianensis</i>	16451.77	16745.87	17349.56
<i>Miconia elata</i>	9579.36	9630.76	8918.71
<i>Miconia sp3</i>	1662.10	836.23	837.69
<i>Miconia trinervia</i>	272.30	398.52	419.28
<i>Myrcia splendens</i>	6274.22	6966.80	7104.61

<i>Pera arborea</i>	2572.22	3099.81	3514.66
<i>Pourouma bicolor</i>	2636.03	2609.10	2782.68
<i>Tetragastris panamensis</i>	18872.85	18374.56	19117.27
<i>Tovomita weddelliana</i>	1017.84	1131.50	1053.17
<i>Virola flexuosa</i>	12049.26	12695.27	13042.18
<i>Warszewiczia cf. uxpanapensis</i>	3836.51	4049.55	4265.29
<i>Wettinia hirsuta</i>	2026.31	2830.61	2698.15
Total	319574.95	334578.95	327361.66

Porce	<u>9/9/2008</u>	<u>6/7/2013</u>	<u>12/16/2016</u>
<i>Casearia grandiflora</i>	288.97	166.11	36.80
<i>Cassia moschata</i>	1993.42	2510.88	2990.68
<i>Cordia bicolor</i>	24132.63	24500.93	23746.47
<i>Lacistema aggregatum</i>	700.75	346.71	239.59
<i>Licania sp6</i>	295.68	321.31	334.66
<i>Manilkara chicle</i>	611.30	787.92	934.39
<i>Miconia sp3</i>	1126.57	1210.15	1370.98
<i>Miconia trinervia</i>	4140.05	3633.25	3661.70
<i>Pera arborea</i>	14281.74	16966.61	18794.46
<i>Piptocoma discolor</i>	569.86	962.66	1013.02
<i>Prunus sp1</i>	174.37	191.87	194.98
<i>Tetragastris panamensis</i>	1047.49	1140.24	1200.85
<i>Virola sebifera</i>	7642.24	7871.31	8710.07
Total	263021.14	286531.50	291361.89

Anori	<u>3/1/2006</u>	<u>4/5/2009</u>	<u>5/22/2014</u>	<u>12/9/2016</u>
<i>Alchornea coelophylla</i>	108.99	114.99	120.96	127.28
<i>Chrysophyllum cf. argenteum</i>	20378.89	21295.49	22912.40	23040.44
<i>Chrysophyllum sp6</i>	3844.43	4080.94	4893.01	4640.79
<i>Clusia sp1</i>	1321.49	1367.08	1464.32	1503.48
<i>Compsoeura sp1</i>	11363.65	11808.74	12638.36	12954.69
<i>Dacryodes cf. belemensis</i>	4413.61	4536.28	4711.58	4591.26
<i>Dystovomita sp1</i>	201.17	213.07	234.08	88.80
<i>Eschweilera sessilis</i>	4731.92	5086.92	5161.45	5404.47
<i>Hedyosmum bonplandianum</i>	737.01	795.31	548.05	364.29
<i>Lacmellea edulis</i>	4067.54	4170.33	4294.74	4388.92
<i>Miconia cf. reducens</i>	268.74	333.08	399.29	367.49
<i>Miconia sp12</i>	4521.32	4697.86	4450.30	3570.70
<i>Mollinedia minutiflora</i>	119.07	121.81	124.36	148.09
<i>Quercus humboldtii</i>	26646.72	28505.48	28745.56	27031.23
<i>Stephanopodium aptotum</i>	310.54	329.07	343.54	349.62
<i>Tapirira guianensis</i>	9783.69	10775.03	11175.91	11112.25
<i>Tovomita weddelliana</i>	6607.97	7011.53	7931.34	7575.50
<i>Virola sebifera</i>	9089.42	9774.17	10417.59	8748.83
Total	265590.49	282209.25	293007.56	283280.54

Angelopolis	<u>12/1/2006</u>	<u>8/1/2009</u>	<u>7/4/2014</u>	<u>1/6/2017</u>
<i>Abarema lehmannii</i>	2965.72	3082.19	3267.97	2722.66
<i>Alchornea glandulosa</i>	1789.48	1737.29	1662.65	1450.76
<i>Brunellia sibundoya</i>	5723.33	5850.24	5048.13	3292.26
<i>Croton smithianus</i>	35590.90	34240.03	33173.23	27086.59
<i>Guatteria lehmannii</i>	2416.58	2517.08	2605.91	2674.02
<i>Guettarda crispiflora</i>	9218.76	9937.45	10408.75	9826.15
<i>Huertea granadina</i>	4134.66	4210.45	4361.30	4617.47
<i>Matudaea colombiana</i>	28040.77	29986.64	34703.49	35962.07

<i>Meliosma</i> sp4	384.62	391.10	406.43	410.97
<i>Miconia theaezans</i>	574.38	657.49	767.08	693.66
<i>Ocotea</i> sp5	349.09	896.62	1075.45	312.72
<i>Persea rigens</i>	4435.26	4444.41	3038.93	3085.34
<i>Quercus humboldtii</i>	35726.32	39085.84	44601.10	44504.28
<i>Roupala</i> sp1	111.97	111.97	112.53	117.86
<i>Sapium cuatrecasasii</i>	2732.93	2668.80	3078.25	3228.71
<i>Styrax</i> sp7	215.12	229.39	246.89	253.06
<i>Symplocos quindiuensis</i>	1148.20	663.77	666.77	706.86
<i>Turpinia occidentalis</i>	3976.63	4378.23	4590.30	4752.92
<i>Vismia baccifera</i>	2046.77	2457.67	2970.67	3046.87
<i>Vismia laevis</i>	124.10	132.53	156.15	162.63
<i>Vismia lauriformis</i>	462.70	479.26	537.58	547.62
<i>Vismia</i> sp3	726.67	942.47	1192.38	1270.54
Total	234213.98	250460.69	269873.34	263986.46

Ventanas

	<u>7/21/2009</u>	<u>7/16/2013</u>	<u>2/15/2017</u>
<i>Alchornea coelophylla</i>	20077.45	22925.91	24797.76
<i>Alchornea grandiflora</i>	4272.52	5019.53	5465.25
<i>Clethra fagifolia</i>	5193.03	6982.99	7838.11
<i>Clusia trochiformis</i>	459.58	485.39	496.78
<i>Elaeagia karstenii</i>	3408.53	3780.76	3594.90
<i>Elaeagia pastoensis</i>	8911.21	10019.10	9842.81
<i>Eugenia dittocrepis</i>	1803.36	2291.24	2505.36
<i>Hedyosmum cuatrecazanum</i>	12122.85	13095.77	13918.39
<i>Hieronyma duquei</i>	18907.48	20062.41	20903.16
<i>Hieronyma</i> sp1	978.94	1056.35	1108.38
<i>Ilex laurina</i>	832.29	931.68	753.52
<i>Meriania</i> sp2	3438.72	3667.24	3763.21
<i>Miconia poeppigii</i>	7057.36	6170.49	5959.19
<i>Panopsis</i> sp1	229.79	323.82	325.64
<i>Prunus muris</i>	253.04	275.92	37.50
<i>Richeria grandis</i>	5174.80	6032.41	6463.40
<i>Ruagea pubescens</i>	1272.51	1517.01	1387.14
<i>Vismia laevis</i>	14596.40	15792.42	14781.61
Total	253568.36	270063.01	269554.10

Jardin

	<u>5/22/2009</u>	<u>7/2/2013</u>	<u>2/23/2017</u>
<i>Alchornea acutifolia</i>	221.67	222.73	233.77
<i>Alchornea verticillata</i>	10871.38	12767.63	12056.72
<i>Billia rosea</i>	45170.54	48365.88	45600.13
<i>Cecropia</i> sp2	11888.80	12395.93	13404.26
<i>Clidemia</i> sp	2809.83	2949.53	3213.75
<i>Eschweilera antioquensis</i>	41413.70	39520.49	39589.17
<i>Hieronyma antioquensis</i>	22832.44	23901.02	22264.76
<i>Ladenbergia macrocarpa</i>	9311.46	8359.03	8816.31
<i>Meliosma</i> sp2	547.30	556.21	554.83
<i>Miconia acanthocoryne</i>	5081.83	5917.68	5766.33
<i>Miconia dolichopoda</i>	2904.75	2795.46	3076.76
<i>Ocotea floribunda</i>	14100.86	12538.73	11638.14
<i>Palicourea andaluciana</i>	5107.03	5790.72	5940.47
<i>Palicourea demissa</i>	2797.32	2190.67	2305.56
<i>Piper imperiale</i>	7945.98	8195.59	7688.54
<i>Remijia</i> sp1	3411.19	3924.29	3812.79
<i>Weinmannia balbisiana</i>	2794.26	2919.54	2424.59

Total	407689.82	424058.75	418775.40
-------	-----------	-----------	-----------

Caicedo

	<u>5/9/2009</u>	<u>7/28/2014</u>	<u>1/13/2017</u>
<i>Agouticarpa williamsii</i>	140.40	143.14	149.14
<i>Alchornea verticillata</i>	27184.84	28411.93	26706.68
<i>Beilschmiedia costaricensis</i>	36084.57	38947.71	38340.99
<i>Beilschmiedia latifolia</i>	226.98	246.06	250.53
<i>Billia rosea</i>	10593.55	11437.21	12068.78
<i>Clusia alata</i>	4873.14	2802.53	2897.25
<i>Dendropanax macrophyllus</i>	618.42	184.09	182.65
<i>Freziera verrucosa</i>	7007.05	3992.18	3789.76
<i>Hieronyma antioquiensis</i>	8316.29	8578.95	8454.53
<i>Ilex danielis</i>	855.24	824.40	871.15
<i>Miconia dolichopoda</i>	2197.91	1331.64	1107.96
<i>Miconia wurdackii</i>	120.60	115.30	126.18
<i>Ocotea balanocarpa</i>	26025.15	28915.28	29965.77
<i>Ocotea sp14</i>	19315.10	18893.49	18759.32
<i>Palicourea garciae</i>	4004.52	3340.82	2865.54
<i>Persea areolatocostae</i>	9445.56	10474.44	10953.01
<i>Piper obliquum</i>	3643.65	3783.29	3634.57
<i>Styrax sp3</i>	124.10	124.10	125.48
<i>Turpinia occidentalis</i>	1407.77	1412.85	1514.40
<i>Weinmannia balbisiana</i>	32195.48	34945.72	33517.20
Total	368395.25	375157.93	366690.97

Belmira

	<u>7/1/2006</u>	<u>7/18/2009</u>	<u>6/7/2014</u>	<u>1/18/2017</u>
<i>Billia rosea</i>	1036.13	1256.33	1557.96	1595.58
<i>Clethra fagifolia</i>	4976.01	5366.10	5914.96	5789.95
<i>Clusia alata</i>	2625.98	3001.65	3633.70	3982.20
<i>Gordonia fruticosa</i>	1444.48	1494.17	1671.81	1661.74
<i>Ilex laurina</i>	462.00	490.42	573.03	620.25
<i>Ladenbergia macrocarpa</i>	1786.62	1904.74	1881.91	1751.21
<i>Miconia jahnii</i>	781.78	878.83	728.37	663.81
<i>Miconia micropetala</i>	814.43	734.56	570.10	629.41
<i>Miconia multiplinervia</i>	91.13	261.13	333.85	453.34
<i>Miconia superposita</i>	304.91	323.78	371.77	345.31
<i>Myrsine coriacea</i>	1386.64	1591.17	1573.38	1461.61
<i>Persea mutisii</i>	744.14	763.54	661.02	666.64
<i>Quercus humboldtii</i>	176601.95	183036.45	190671.78	189350.13
<i>Symplocos flosfragrans</i>	663.93	470.71	371.31	361.79
<i>Symplocos sp2</i>	91.95	99.23	103.51	103.69
<i>Ternstroemia macrocarpa</i>	191.98	205.43	297.13	301.68
<i>Vismia sp1</i>	611.47	689.84	780.00	813.45
<i>Weinmannia multijuga</i>	2260.44	2571.68	2829.01	3015.26
Total	222999.51	233951.95	244388.57	243628.27