Table S1: Banquette samples composition expressed both in weight and in percentage

Sample name	Initial weight (Kg)	Rizhome weight (10⁻³ Kg)	Sediment weight (Kg)	Leaves+Fibers weight (Kg)	% Rhizomes	% Sediment	% Leaves+Fibers
July_1	1.05	4.9	0.609	0.434	0.46%	58.1%	41.4%
July_2	0.95	3.2	0.572	0.373	0.34%	60.3%	39.4%
July_3	1.22	3.6	0.758	0.462	0.30%	61.9%	37.8%
July_4	1.37	0.0	0.923	0.451	0.00%	67.2%	32.8%
July_5	1.61	16.5	0.979	0.611	1.02%	61.0%	38.0%
July_6	1.88	10.8	1.103	0.765	0.58%	58.7%	40.7%
July_7	1.31	1.7	0.872	0.441	0.13%	66.3%	33.5%
July_8	1.20	1.6	0.877	0.318	0.13%	73.3%	26.6%
July_9	1.28	0.0	0.886	0.395	0.00%	69.1%	30.9%
July_10	1.25	0.0	0.864	0.388	0.00%	69.0%	31.0%
October_1	1.93	8.1	1.556	0.365	0.42%	80.7%	18.9%
October_2	1.30	5.8	0.892	0.398	0.45%	68.8%	30.7%
October_3	1.41	8.2	1.070	0.327	0.58%	76.2%	23.3%
October_4	2.44	6.6	2.120	0.314	0.27%	86.9%	12.9%
October_5	1.22	22.2	0.824	0.377	1.82%	67.3%	30.8%
October_6	1.58	6.4	1.265	0.313	0.40%	79.8%	19.8%
October_7	0.61	13.6	0.135	0.457	2.25%	22.3%	75.4%
October_8	1.37	33.1	0.941	0.394	2.42%	68.8%	28.8%
October_9	0.89	33.8	0.744	0.109	3.81%	83.9%	12.2%
October_10	1.11	5.5	0.729	0.378	0.49%	65.5%	34.0%
October_11	0.85	3.4	0.574	0.277	0.39%	67.2%	32.4%
October_12	2.83	13.3	2.544	0.268	0.47%	90.0%	9.5%
October_13	2.97	0.0	2.718	0.251	0.00%	91.6%	8.4%
October_14	0.44	24.9	0.072	0.342	5.68%	16.4%	77.9%
October_15	0.64	63.0	0.157	0.419	9.86%	24.6%	65.6%
October_16	0.85	58.6	0.343	0.447	6.91%	40.4%	52.7%
February_1	0.73	5.5	0.301	0.424	0.75%	41.2%	58.1%
February_2	0.66	7.7	0.238	0.410	1.18%	36.3%	62.5%
February_3	0.89	11.1	0.003	0.880	1.24%	0.4%	98.4%
February_4	1.02	9.3	0.487	0.519	0.92%	48.0%	51.1%
February_5	0.77	5.3	0.294	0.473	0.68%	38.1%	61.2%
February_6	0.45	6.6	0.019	0.429	1.46%	4.2%	94.3%
February_7	0.60	15.9	0.002	0.584	2.63%	0.3%	97.0%
February_8	0.68	88.5	0.002	0.593	12.96%	0.3%	86.8%
February_9	1.49	15.2	0.897	0.578	1.02%	60.2%	38.8%
February_10	0.56	1.6	0.005	0.558	0.28%	0.9%	98.9%
February_11	0.97	6.2	0.391	0.573	0.63%	40.3%	59.1%
February_12	0.55	3.1	0.008	0.540	0.57%	1.5%	97.9%
February_13	0.49	2.2	0.007	0.477	0.44%	1.5%	98.0%
February_14	0.73	0.0	0.007	0.724	0.00%	1.0%	99.0%
February_15	0.40	21.0	0.009	0.372	5.20%	2.3%	92.5%

February_16	0.87	22.7	0.163	0.680	2.62%	18.9%	78.5%
February_17	0.58	51.5	0.000	0.526	8.92%	0.0%	91.1%
February_18	1.97	2.4	1.472	0.494	0.12%	74.8%	25.1%
February_19	1.68	14.8	1.188	0.479	0.88%	70.7%	28.5%
February_20	0.65	21.4	0.115	0.518	3.26%	17.6%	79.1%
April_1	1.95	3.6	1.153	0.795	0.18%	59.1%	40.7%
April_2	1.21	0.0	0.162	1.052	0.00%	13.3%	86.7%
April_3	1.92	36.8	1.310	0.571	1.92%	68.3%	29.8%
April_4	1.50	39.0	1.036	0.429	2.60%	68.9%	28.5%
April_5	1.54	3.9	1.021	0.510	0.25%	66.5%	33.2%
April_6	0.94	3.2	0.131	0.807	0.34%	13.9%	85.8%
April_7	0.97	4.7	0.052	0.914	0.49%	5.3%	94.2%
April_8	1.80	4.3	1.151	0.650	0.24%	63.8%	36.0%
April_9	1.04	3.8	0.167	0.869	0.37%	16.0%	83.6%
April_10	0.84	2.8	0.223	0.615	0.34%	26.5%	73.2%
April_11	1.61	4.0	1.054	0.551	0.25%	65.5%	34.2%
April_12	0.67	9.2	0.068	0.597	1.37%	10.1%	88.6%
April_13	0.72	1.4	0.127	0.592	0.20%	17.7%	82.1%
April_14	0.83	11.0	0.120	0.703	1.32%	14.3%	84.3%
April_15	0.81	4.3	0.096	0.705	0.54%	12.0%	87.5%
April_16	0.94	2.1	0.069	0.866	0.23%	7.4%	92.4%