				BP-0						BP-1							BP-2							BP-3							Abundance weighted mean						Ring Index	
Experiment	Treatment	N	n	Rel Abund	sd	δ2HBP (‰)	sd	^{2}εL/W (‰)	sd	Rel Abund	sd	δ2HBP (‰)	sd	^{2}εL/W (‰)	sd	Δε/ring	sd	Rel Abund	sd	δ2HBP (‰)	sd	^{2}εL/W (‰)	sd	Δε/ring	sd	Rel Abund	sd	δ2HBP (‰)	sd	^{2}εL/W (‰)	sd	Δε/ring	sd	δ2HBP (‰)	sd	^{2}εL/W (‰)	sd	Δε/ring	sd	mean	sd
Temp (ºC)	65	5	1	0.1	0.0	-233.8	17.8	-195.5	18.7	0.1	0.0	-231.8	4.5	-193.4	4.8	2.1	19.3	0.8	0.0	-243.3	3.0	-205.5	3.2	-8.6	5.5	0.0	0.0							-241.0	5.3	-203.1	5.3	-5.0	0.0	1.8	0.0
	70	5	1	0.1	0.0	-220.6	8.4	-175.2	8.9	0.3	0.0	-224.9	4.9	-179.7	5.1	-4.6	10.3	0.6	0.1	-225.5	3.0	-180.4	3.1	-1.6	3.8	0.0	0.0							-224.8	4.4	-179.6	4.4	-2.6	0.0	1.5	0.2
	75	5	1	0.1	0.0	-262.0	4.3	-219.7	4.6	0.1	0.0	-256.2	4.5	-213.6	4.7	6.1	6.6	0.6	0.0	-268.0	5.3	-226.0	5.6	-7.8	4.1	0.2	0.0	-268.4	3.8	-226.5	4.0	-3.1	2.6	-266.2	4.8	-224.1	4.8	-3.1	2.1	2.0	0.1
	80	5	1	0.1	0.0	-252.7	12.8	-211.1	13.5	0.1	0.0	-248.3	6.5	-206.5	6.9	4.6	15.1	0.5	0.0	-262.2	4.6	-221.2	4.9	-9.9	5.5	0.3	0.0	-260.1	2.7	-219.0	2.9	-2.2	2.7	-258.9	5.5	-217.7	5.5	-3.6	3.1	2.0	0.0
pH	2	5	1	0.2	0.0	-258.1	25.4	-211.0	27.0	0.3	0.0	-252.2	19.1	-204.7	20.3	6.2	33.8	0.4	0.0	-248.0	10.8	-200.2	11.4	4.9	13.8	0.2	0.0	-227.8	22.4	-178.7	23.8	15.1	11.0	-248.1	##	-200.3	18.6	10.2	9.4	1.5	0.0
	3	5	1	0.1	0.0	-220.6	8.4	-175.2	8.9	0.3	0.0	-224.9	4.9	-179.7	5.1	-4.6	10.3	0.6	0.1	-225.5	3.0	-180.4	3.1	-1.6	3.8	0.0	0.0							-224.8	4.4	-179.6	4.4	-2.6	0.0	1.5	0.2
	4	5	1	0.1	0.0	-249.2	9.0	-200.6	9.6	0.1	0.0	-250.6	5.9	-202.0	6.3	-1.5	11.5	0.7	0.0	-261.5	5.5	-213.6	5.8	-9.0	5.1	0.1	0.0	-257.3	6.5	-209.2	6.9	-0.7	3.6	-258.9	5.9	-210.8	5.9	-3.6	3.1	1.8	0.0
Shaking (RPM)	50	5	1	0.2	0.0	-230.2	3.3	-191.7	3.4	0.4	0.0	-227.2	5.1	-188.6	5.4	3.1	6.4	0.4	0.0	-231.6	4.1	-193.2	4.3	-2.7	3.7	0.0	0.0	-222.0	34.4	-183.2	36.1	5.2	14.2	-229.5	6.5	-191.1	6.5	2.2	9.9	1.2	0.0
	125	5	1	0.1	0.0	-235.2	11.9	-198.0	12.5	0.2	0.0	-231.5	7.1	-194.1	7.5	3.9	14.5	0.7	0.0	-238.7	6.6	-201.8	7.0	-4.7	6.2	0.1	0.0	-238.7	20.8	-201.7	21.8	-1.6	9.0	-237.2	8.5	-200.1	8.6	-1.8	6.7	1.7	0.0
	300	5	1	0.1	0.0	-238.4	6.5	-200.9	6.8	0.2	0.0	-239.9	4.6	-202.4	4.8	-1.6	8.3	0.7	0.0	-244.1	2.1	-206.9	2.2	-3.7	3.2	0.1	0.0	-254.0	12.7	-217.3	13.3	-7.7	5.4	-243.5	4.4	-206.2	4.4	-5.4	3.9	1.7	0.0
O_2 mixing ratio (%)	0.2%	3	2	0.1	0.0	-244.1	1.8	-208.2	7.8	0.3	0.0	-274.7	6.9	-239.1	2.7	-30.7	5.2	0.6	0.1	-231.0	13.4	-193.2	17.5	19.5	2.8	0.1	0.0	-230.6	9.0	-194.1	15.4	11.9	1.2	-248.2	7.5	-212.6	7.5	7.3	3.4	1.6	0.3
	0.5%	3	1	0.1	0.0	-254.9	5.0	-211.2	5.3	0.4	0.1	-237.1	4.4	-192.2	4.7	10.6	8.1	0.5	0.1	-238.6	5.3	-193.8	5.6	4.7	4.4	0.0	0.0							-244.4	5.1	-200.2	5.1	6.7	0.0	1.4	0.4
	2%	3	3	0.2	0.0	-243.2	5.5	-202.2	6.0	0.4	0.0	-241.8	2.2	-200.8	3.6	1.5	0.0	0.3	0.0	-241.5	4.1	-200.5	5.0	0.6	0.2	0.0	0.0							-242.0	5.2	-201.0	5.2	0.9	0.9	1.1	0.4
	20%	3	3	0.2	0.0	-242.6	0.5	-202.0	0.7	0.4	0.0	-242.7	4.2	-202.0	5.0	-0.1	1.5	0.4	0.0	-245.5	4.5	-205.0	5.0	-2.2	0.9	0.1	0.1							-243.8	6.0	-203.2	6.0	-1.5	2.2	1.3	0.8
e- donor flux (T_D, hours)	7	6	1	0.3	0.0	-280.0	6.7	-234.3	7.1	0.4	0.0	-276.0	4.0	-230.1	4.3	4.2	8.3	0.3	0.0	-272.2	5.9	-226.0	5.0	4.1	3.9	0.0	0.0	-252.8	16.8	-205.5	19.4	14.2	7.8	-275.7	5.7	-229.8	5.7	9.2	5.6	1.0	0.0
	21	9	1	0.2	0.0	-261.0	5.6	-214.2	5.9	0.4	0.0	-260.9	5.2	-214.1	5.6	0.0	8.2	0.4	0.0	-257.1	4.7	-210.1	5.0	3.1	4.2	0.0	0.0	-237.0	18.4	-188.7	19.5	14.2	7.9	-258.6	6.1	-211.7	6.1	8.1	5.6	1.2	0.0
	44	6	1	0.1	0.0	-252.7	4.4	-213.6	4.6	0.3	0.0	-245.9	5.5	-206.5	5.8	7.1	7.4	0.5	0.0	-241.6	2.9	-202.0	3.1	5.2	3.6	0.1	0.0	-238.6	4.8	-198.8	5.1	4.0	2.5	-244.0	4.1	-204.5	4.1	4.9	2.1	1.5	0.0