

Sample ID	Age	part_of_the_plant	Sampling date	Sampling site	Sampling location	TN (%)	TOC (%)	SiO2 (µM)	SiO2 (%)	STDEV SiO2	PO4 (µM)	PO4 (%)	d30Si (%)	STDEV d30Si	d29Si (%)	STDEV d29Si
827_1	Juvenile	Umbel	May-June 2017	Sepopa	Backswamp	1,93	44,23	16,443	1,23	0,011	803,368	0,244404	0,707388	0,18631196	0,423057	0,09126277
827_1dup	Juvenile	Umbel	May-June 2017	Sepopa	Backswamp			16,659	1,24		819,316		0,970873		0,552122	
827_2	Juvenile	Umbel	May-June 2017	Sepopa	Backswamp			17,687	1,32	0,008						
827_2dup	Juvenile	Umbel	May-June 2017	Sepopa	Backswamp			17,543	1,31							
828_1	Juvenile	Culm	May-June 2017	Sepopa	Backswamp	0,9	41,39	15,197	1,26	0,024	372,4749	0,117363	1,069507	0,03664478	0,613183	0,082757886
828_1dup	Juvenile	Culm	May-June 2017	Sepopa	Backswamp			14,79	1,22		394,5316		1,017684		0,730220	
828_2	Juvenile	Culm	May-June 2017	Sepopa	Backswamp			15,529	1,28	0,001						
828_2dup	Juvenile	Culm	May-June 2017	Sepopa	Backswamp			15,511	1,28							
815_1	Juvenile	Scales	May-June 2017	Sepopa	Backswamp	0,73	41,24	15,271	1,2	0,002	240,6352	0,076302	1,013344	0,03206242	0,458751	0,006487989
815_1dup	Juvenile	Scales	May-June 2017	Sepopa	Backswamp			15,234	1,2		252,6066		0,968001		0,449576	
815_2	Juvenile	Scales	May-June 2017	Sepopa	Backswamp			15,806	1,25	0,021						
815_2dup	Juvenile	Scales	May-June 2017	Sepopa	Backswamp			15,437	1,22							
811_1	Juvenile	Rhizome	May-June 2017	Sepopa	Backswamp	1,41	42,59	13,522	1,08	0,001	597,5957	0,18403	0,610949	0,03841986	0,297453	0,002945537
811_1dup	Juvenile	Rhizome	May-June 2017	Sepopa	Backswamp			13,504	1,08		594,4128		0,665283		0,293288	
811_2	Juvenile	Rhizome	May-June 2017	Sepopa	Backswamp			14,496	1,16	0,015						
811_2dup	Juvenile	Rhizome	May-June 2017	Sepopa	Backswamp			14,225	1,14							
786i_1	Mature	Umbel	May-June 2017	Sepopa	Backswamp	1,56	46,57	28,258	2,08	0,017	361,9154	0,108418	1,507819	0,202040401	0,799044	0,111871195
786i_1dup	Mature	Umbel	May-June 2017	Sepopa	Backswamp			27,927	2,06		342,433		1,793547		0,957254	
786i_2	Mature	Umbel	May-June 2017	Sepopa	Backswamp			27,725	2,04	0,043						
786i_2dup	Mature	Umbel	May-June 2017	Sepopa	Backswamp			28,552	2,1							
801i_1	Mature	Culm	May-June 2017	Sepopa	Backswamp	0,41	41,94	32,292	2,81	0,04	119,4503	0,034803	0,715414	0,040594412	0,394327	0,157970385
801i_1dup	Mature	Culm	May-June 2017	Sepopa	Backswamp			32,941	2,87		111,1432		0,772823		0,617731	
801i_2	Mature	Culm	May-June 2017	Sepopa	Backswamp			32,761	2,85	0,065						
801i_2dup	Mature	Culm	May-June 2017	Sepopa	Backswamp			33,825	2,95							
788_1	Mature	Scales	May-June 2017	Sepopa	Backswamp	0,49	43,46	14,755	1,24	0,002	53,11463	0,014926	-0,26768	0,129722419	-0,10866	0,111174402
788_1dup	Mature	Scales	May-June 2017	Sepopa	Backswamp			14,718	1,23		45,97556		-0,08423		0,048566	
788_2	Mature	Scales	May-June 2017	Sepopa	Backswamp			16,361	1,37	0,015						
788_2dup	Mature	Scales	May-June 2017	Sepopa	Backswamp			16,1	1,35							
795_1	Mature	Rhizome	May-June 2017	Sepopa	Backswamp	1,31	44,23	10,745	0,87	0	227,8334	0,068967	-1,23542	0,135954266	-0,5188	0,02245197
795_1dup	Mature	Rhizome	May-June 2017	Sepopa	Backswamp			10,745	0,87		242,0415		-1,04315		-0,55056	
795_2	Mature	Rhizome	May-June 2017	Sepopa	Backswamp			10,926	0,89	0,001						
795_2dup	Mature	Rhizome	May-June 2017	Sepopa	Backswamp			10,908	0,89							
794ii_1	All ages	Roots	May-June 2017	Sepopa	Backswamp	1,36	35,98	82,821	6,61	0,005	230,926	0,072933	0,014199	0,018647545	-0,02375	0,038488371
794ii_1dup	All ages	Roots	May-June 2017	Sepopa	Backswamp			82,729	6,61		241,947		-0,01217		0,030685	
817_1	All ages	Roots	May-June 2017	Sepopa	Backswamp	1,05	40,59	45,076	3,77	0,042	227,1092	0,069622	-0,10106	0,061003451	0,141046	0,054422555
817_1dup	All ages	Roots	May-June 2017	Sepopa	Backswamp			44,373	3,72		226,0949		-0,01478		0,064081	
817_2	All ages	Roots	May-June 2017	Sepopa	Backswamp			47,492	3,98	0,05						
817_2dup	All ages	Roots	May-June 2017	Sepopa	Backswamp			48,34	4,05							