

Table 5. Batrachospermales. Source of specimens, reproductive phase, estimated nuclear genome size. Data standardized to the DNA level of chicken erythrocytes (RBC = 2.4 pg).

Species	Location	Reproductive Phase	Number of Slides	Number of Nuclei	Nuclear Genome Size (pg)	
					2C	4C
<i>Batrachospermum antipodites</i> Entwisle						
(as <i>Batrachospermum ectocarpum</i> Entwisle et Kraft)	Ott-7029	V	4	157		0.5 ± 0.1
<i>Batrachospermum gelatinosum</i> (Linnaeus) DeCandolle	Ochoz u Brna	gameto	3	95	0.39 ± 0.1	
<i>Batrachospermum gelatinosum</i>	Nivnice	gameto	3	83	0.38 ± 0.1	
(as <i>Batrachospermum moniliforme</i> Roth)	UTEX-1493	V	3	91		0.5 ± 0.1
<i>Batrachospermum helminthosum</i> Bory de Saint-Vincent						
(as <i>Batrachospermum sirodotia</i> Skuja ex Flint)	UTEX-1495	V	3	152	0.23 ± 0.04	
<i>Batrachospermum turfosum</i> Bory de Saint-Vincent	Obidova	gameto	2	50	0.41 ± 0.1	
<i>Batrachospermum turfosum</i>	Obidova	Carp	2	32		0.74 ± 0.1
(as <i>Batrachospermum vagum</i> (Roth) C. Agardh)	UTEX-1494	V	3	150	0.37 ± 0.08	
<i>Batrachospermum vagum</i> (Roth) C. Agardh	Prebudov	gameto	5	131	0.56 ± 0.1	
<i>Batrachospermum vagun</i>	Prebudov	Carp	3	82		1.0 ± 0.2
<i>Lemanea</i> sp.						
Cane Creek	Ott-3 TN	1N	3	30	1.6 ± 0.2	
Cane Creek	Ott-3 TN	2N	2	9		3.1 ± 0.6
Cane Creek	Ott-4 TN		3	65		3.2 ± 0.6
Cane Creek	Ott-4 TN		1	5		3.1 ± 0.8
Morgans Creek	Ott-5 NC	2N	2	58		3.2 ± 0.7
<i>Lemanea fluviatilis</i> (Linnaeus) C. Agardh	Spindleruv Mlyn					
<i>Lemanea fluviatilis</i>	Vir					
<i>Lemanea fluviatilis</i>	Velka Upa	1N	1	37	1.6 ± 0.3	
<i>Lemanea fluviatilis</i>	Velka Upa	Carp	2	38		3.1 ± 0.6
<i>Lemanea fluviatilis</i>	Kozlov					
<i>Lemanea fluviatilis</i>	Resov	1N	2	55	1.6 ± 0.3	
<i>Lemanea fluviatilis</i>	Resov	carpo	1	48		3.2 ± 0.9
<i>Lemanea fluviatilis</i>	Pekna					
<i>Lemanea fluviatilis</i>	Herman					
<i>Lemanea fluviatilis</i>	Nemetice					
<i>Lemanea torulosa</i> (Roth) C. Agardh	Zakavia	gameto	3	50	1.15 ± 0.3	
<i>Lemanea torulosa</i>	Zakavia	Chantransia	3	79		2.2 ± 0.6
<i>Paralemanea catenata</i> (Kuetzing) Vis et Sheath	Huzdalka	gameto	2	75	1.1 ± 0.3	
<i>Paralemanea catenata</i>	Huzdalka	Chantransia	4	115		2.0 ± 0.3
<i>Paralemanea catenata</i>	Plasy					
<i>Paralemanea catenata</i>	Devet Mlynu	gameto	1	26	1.1 ± 0.2	

<i>Paralemanea catenata</i>	Devet Mlynu	Chantransia	3	70		1.9 ± 0.4
<i>Paralemanea catenata</i>	Mlynarovice	gameto	2	55	1.0 ± 0.1	
<i>Paralemanea grandis</i> (Wolle) S. Kumano						
(as <i>Lemanea</i> sp: Maury River)	Ott-1 VA		1	20		2.8 ± 0.8
(as <i>Lemanea</i> sp: Stoney Creek)	Ott-2 VA		2	43		2.7 ± 0.5
<i>Paralemanea pleocarpa</i> (Atkinson) Vis et Sheath	Ott-1580	V	3	55		2.0 ± 0.3
<i>Sirodotia suecica</i> Kylin	UTEX 1497	V	3	108	0.20 ± 0.04	
<i>Sirodotia suecica</i>						
(as <i>Sirodotia tenuissima</i> (Collins) Skuja ex L. H. Flint)	Ott-0338	V	3	78		0.35 ± 0.06
<i>Thorea riekei</i> Bischoff	Ott-0399	V	3	106	0.28 ± 0.04	
<i>Tuomeya americana</i> (Kuetzing) Papenfuss	Ott-0259	V	3	70		0.68 ± 0.14
<i>Tuomeya americana</i>						
(as <i>Tuomeya fluviatilis</i> (Linnaeus) C. Agardh)	UTEX 1502	V	3	107	0.30 ± 0.05	