

Table 19.1 Genome size data available in land plants

	No. of species recognised	No. of species with genome size data	Representation (%)	Min. (pg)	Max. (pg)	Mean (pg)	Median (pg)	Mode (pg)	Range (max./min.)
Non-vascular plants									
Liverworts	c. 5,000	43	0.9	0.21	7.97	1.2	0.8	0.76	38-fold
Mosses	c. 12,000	184	1.5	0.17	2.05	0.5	0.4	0.45	12-fold
Hornworts	c. 150	0	–	–	–	–	–	–	–
Vascular plants									
Lycophytes	c. 900	15	1.6	0.086	11.96	1.7	0.1	0.086	139-fold
Monilophytes	c. 11,000	67	0.6	0.77	72.68	14.0	9.5	7.95	94-fold
Seed plants									
Gymnosperms	c. 850	204	24	2.25	36.0	18.6	7.9	10.0	16-fold
Angiosperms	c. 352,000	6,287	1.8	0.065	152.23	5.9	2.5	0.60	2,342-fold