

Appendix S3. Basic statistics for continuous traits of the Central European flora

The continuous traits are presented with mean as well as skewness and kurtosis on the original scale (normal) and log₁₀ transformed. SD = standard deviation. N gives the number of taxa for which data were available in the database on January 31st, 2013.

Trait name	N	normal				log ₁₀ transformed			
		Mean +- SD	Median	Skewness	Kurtosis	Mean +- SD	Median	Skewness	Kurtosis
TRAITS									
Diaspore mass [mg]	1 257	45.48 +- 251.40	0.97	13.56	267.18	0.10 +- 1.03	-0.01	0.71	0.98
Diaspore length [mm]	2 113	4.38 +- 5.20	2.66	3.50	21.64	0.43 +- 0.43	0.42	0.08	-0.21
Diaspore width [mm]	2 006	2.53 +- 3.25	1.50	5.11	57.34	0.19 +- 0.43	0.18	0.09	0.03
Diaspore height [mm]	931	1.86 +- 3.49	0.99	7.28	92.34	-0.03 +- 0.47	0.00	0.46	0.59
Diaspore shape	1 722	0.07 +- 0.04	0.07	0.56	-0.23	not useful			
Diaspore surface structure	1 712	0.84 +- 0.22	0.94	-1.92	2.55	-0.11 +- 0.20	-0.03	-2.75	7.58
Terminal velocity [m s ⁻¹]	1 547	3.78 +- 3.41	2.65	1.89	4.21	0.41 +- 0.41	0.42	-0.55	0.57
INFORMATION FROM LITERATURE ON DISPERSAL MODES									
Total number of citations	1 909	4.40 +- 6.25	2.00	5.25	47.41	not useful			