

Appendix S4. Baseline statistics for categorical traits of the Central European flora

	frequency	percentage
diaspore type		
seed	1059	39.78
fruit segment	405	15.21
fruit	1160	43.58
infructescence	25	0.94
specialized vegetative part	9	0.34
no diaspore	1	0.04
cone	3	0.11
<i>total</i>	2662	100.00
fruit type		
non-fleshy indehiscent fruit	1426	53.57
fleshy fruit	149	5.60
pepo	2	0.08
fruit with upright aperture	326	12.25
fruit with lateral aperture	593	22.28
explosive release mechanism	143	5.37
gymnosperme type	13	0.49
not applicable	10	0.38
<i>total</i>	2662	100.00
heterodiaspory		
0	2148	80.69
1	514	19.31
<i>total</i>	2662	100.00
diaspore form		
spherical	1370	79.56
flat	115	6.68
elongated	178	10.34
elongated & flat	59	3.43
<i>total</i>	1722	100.00
nutrients		
0	1936	72.73
1	726	27.27
<i>total</i>	2662	100.00
aerenchym		
0	2383	89.52
1	279	10.48
<i>total</i>	2662	100.00
wings		
0	2071	77.80
1	591	22.20
<i>total</i>	2662	100.00

elongated appendages		
0	1663	62.47
1	999	37.53
<i>total</i>	2662	100.00
hooked appendages		
0	2387	89.67
1	275	10.33
<i>total</i>	2662	100.00
mucilaginous surface		
0	2402	90.23
1	260	9.77
<i>total</i>	2662	100.00
no specializations		
0	1909	71.71
1	753	28.29
<i>total</i>	2662	100.00
other specializations		
0	2653	99.66
1	9	0.34
<i>total</i>	2662	100.00
diaspore exposure		
exposed	1111	41.74
covered partly	811	30.47
enclosed	730	27.42
not applicable	10	0.38
<i>total</i>	2662	100.00
seeds per diaspore		
0	10	0.38
1	2451	92.07
2	135	5.07
3	61	2.29
4	5	0.19
<i>total</i>	2662	100.00
anemochory records in literature		
0	1234	64.64
1	675	35.36
<i>total</i>	1909	100.00
dyschory records in literature		
0	1671	87.53
1	238	12.47
<i>total</i>	1909	100.00
endozoochory records in literature		
0	1380	72.29
1	529	27.71

<i>total</i>	1909	100.00
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epizoochory records in literature		
0	907	47.51
1	1002	52.49
<i>total</i>	1909	100.00
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hemerochory records in literature		
0	1132	59.30
1	777	40.70
<i>total</i>	1909	100.00
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hydrochory records in literature		
0	1452	76.06
1	457	23.94
<i>total</i>	1909	100.00
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records of other dispersal modes in literature		
0	1384	72.50
1	525	27.50
<i>total</i>	1909	100.00