

Table S7. BioGeoBEARS results for each model implemented in the analysis: LnL – log-likelihood values of the run, N – number parameters, d – dispersal rate, e – extinction rate; j – jump dispersal rate, AIC – Akaike Information Criterion and AICc – Corrected Akaike Information Criterion. Best-fitting model in bold. The information of distribution areas used in the analyses followed the available in <http://www.nhm.ac.uk/research-curation/research/projects/bombus>.

Model	LnL	N	d	e	j	AIC	AICc
BAYAREALIKE+J	-619.74	3	0.0016	0.033	0.007	1245.48	1245.59
BAYAREALIKE	-637.31	2	0.0019	0.054	0.000	1278.62	1278.68
DEC+J	-643.56	3	0.0036	1.00E-12	0.012	1293.13	1293.24
DIVALIKE+J	-661.44	3	0.0041	1.00E-12	0.012	1328.88	1328.99
DEC	-668.36	2	0.0044	5.28E-06	0.000	1340.71	1340.77
DIVALIKE	-683.08	2	0.0055	1.00E-12	0.000	1370.16	1370.21