Table S3. Summary of the change in outcome when comparing the reduced species pool (R-SP) to the geographical extended species pool (GE-SP) for each null model: EQ-R ("EQuiprobable Randomisation"), SB-R ("Suitability-Based Randomisation"), IL-R ("Intra-Lineage Randomisation") and combination SB-R: IC-R. We used a 5% error rate to establish the significance threshold of ranks (0.025 and 0.975). For a graphical representation, see Figure S3.

	% of communities increasing rank	**Mean increase in rank**	**Sd of rank increase**	**Number of communities switching from convergent to non convergent**	**Number of communities switching from non convergent to convergent/total number of communities**
EQ-R					
R-SP to GE-SP	4%	-0.09	0.07	0/18	10/77
SB-R					
R-SP to GE-SP	13%	-0.06	0.06	2/9	3/86
IC-R					
R-SP to GE-SP	9%	-0.09	0.09	2/12	6/83
SB-R: IC-R					
R-SP to GE-SP	21%	-0.05	0.07	1/3	5/92