

Ecography

ECOG-03235

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Supplementary material

Appendix 1

Web of Science Search Terms

We used the Web of Science Core Collection to seek out relevant literature for inclusion in this review. We conducted searches June 26-30 2017. We used keyword searches for the following single or combinations of terms: space for time, isolation by time, isolation by distance, temporal FST, known age, colonization history, invasive, urban, habitat fragmentation, altitudinal gradient, latitudinal gradient, cline, genomic, environmental association. We note that while we have attempted to include relevant studies, our search is likely not comprehensive. In addition to the Web of Science search, we also found studies through citation backtracking. Since we are not conducting a meta-analysis of population genetic space for time substitutions, but rather an overview of an emerging topic we believe this to be an appropriate strategy.

“Space for Time”: 449 results
 filtered by Evolutionary Biology: 10 results
 filtered by Ecology: 165 results

“Isolation by time”: 31 results (Most of these studies revolve around isolation by reproductive timing, also referenced as IBT; Hendry and Day 2005).

“Temporal FST”: 6 results

“Isolation by distance”: 3574 results
 filtered by “known age”: 1 study

“Colonization history” & “Invasive”: 55 results

"Urban" & "Fragmentation": 2546 results
 filtered by “biodiversity conservation” or “genetics”: 381 results

"Genomic" & "Altitudinal Gradient": 28 results

"Genomic" & "Latitudinal Gradient": 60 results

"Genomic" & "Environmental Association": 113 results

"Genomic" & "Cline": 183 results

References:

Hendry, A. and Day, T. 2005. Population structure attributable to reproductive time: isolation by time and adaptation by time. — *Molecular Ecology* 14: 901-916.