

Supplementary Material

Jones K. E., Schilling E. E., Dias E. F. & Kilian N. 2018: Northern Hemisphere disjunctions in *Lactuca* (*Cichorieae*, *Asteraceae*): independent Eurasia to North America migrations and allopolyploidization. – *Willdenowia* 48: 259–284. doi: <https://doi.org/10.3372/wi.48.48206>

Suppl. Fig. 1. Maximum Clade Credibility chronogram obtained from BEAST analyses of plastid DNA (*petB-petD* spacer plus *petD* intron, *psbA-trnH* spacer, *5'trnL(UAA)-trnF* spacer, *rpl32-trnL(UAG)* spacer, *5'rps16-trnQ(UUG)* spacer) showing the estimated ancestral biogeographic history of the *Lactuca* lineage. The red star corresponds to the calibration point. Time intervals are indicated underneath the phylogeny. Pie charts at each node represent the estimated ancestral ranges instantaneously before cladogenesis and at the corners after cladogenesis. The two Eurasian-North American disjunct lineages are indicated to the right of their respective clades (*L. tatarica* clade and *L. canadensis* + *L. plumieri* clade). See Fig. 3 for the colour coding of the five geographic regions: W Palearctic (including Macaronesia) (A), E Palearctic (B), Tropical Africa (C), North America (D) and SE Asia with Australasia (E). See Fig. 1 or 2 for the legend indicating the clade colour coding. See Table 3 for HPD (highest posterior density) values of the main clades.

PDF document: [wi.48.48206_Suppl_Fig_1.pdf](#)

Appendix 1. Taxon sampling, voucher data, taxon authorities and INSDC accession numbers (International Nucleotide Sequence Database Collaboration, including GenBank/EMBL/DDBJ). Species names correspond to names in Fig. 1–3.

Microsoft Excel file: [wi.48.48206_Appendix_1.xlsx](#)

Appendix 2. Alignments in .pde format for: two nrDNA regions (concatenated nrITS and nrETS); five plastid DNA non-coding markers (concatenated *petB-petD* spacer plus *petD* intron, *psbA-trnH* spacer, *5'trnL(UAA)-trnF* spacer, *rpl32-trnL(UAG)* spacer, *5'rps16-trnQ(UUG)* spacer); and one low-copy nuclear marker (A44).

3 PDE files:

[wi.48.48206_Appendix_2_nrDNA_ITS_ETS.pde](#)

[wi.48.48206_Appendix_2_plastid_5markers.pde](#)

[wi.48.48206_Appendix_2_A44.pde](#)