Metadata for **Data from: Ecological genetics of *Juglans nigra*: differences in early growth patterns of natural populations**

Columns’ names and variable description:

Study: indicates the original experiment series. The DeHayes series is described in Waite et al. (1988) and the Bey series is described in Bey and Williams (1974).

Site: indicates the location of the provenance tests used in the analyses. The three test sites are Indiana, Pennsylvania, and Vermont, all located in the USA.

Site\_Longitude\_decimal and Site\_Latitude\_decimal: indicate the geographic coordinates of the provenance tests, in decimal system.

Site\_MeanAnnualTemperature\_C: is the climate normal for the mean annual temperature for each provenance test for the period 1961–1990 (Rehfeldt, 2006; data available at <http://charcoal.cnre.vt.edu/climate>)

Population\_ID: is the unique identification number for each natural population evaluated. These numbers are those assigned in the original studies’ experimental series.

AgeFromSeed\_years: is the age from seed at which total tree height (seedling/sapling for our study period) was measured in a given test site and for a given population, in years.

MeanTreeHeight\_dm: is the average total tree height across all plots and blocks for each population at a given age and a given site, in decimeters.

Pop\_Longitude\_decimal and Pop\_Latitude\_decimal: indicate the geographic coordinates where seed from each of the populations was collected, in decimal system.

Pop\_MeanAnnualTemperature\_C: is the climate normal for mean annual temperature for each population’ seed provenance for the period 1961–1990 (Rehfeldt, 2006; data available at <http://charcoal.cnre.vt.edu/climate>)

Citations:

Bey, C.F., Williams, R.D., 1974. Black walnut trees of southern origin growing well in Indiana. Proceedings of the Indiana Academy of Science 84:1.

Rehfeldt, G.E., 2006. A spline model of climate for the Western United States (No. RMRS-GTR-165). U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Ft. Collins, CO. https://doi.org/10.2737/RMRS-GTR-165.

Waite, C.E., DeHayes, D.H., Turner, T.L., Brynn, D.J., Baron, W.A., 1988. Black Walnut Seed Sources for Planting in Vermont. North. J. Appl. For. 5: 40–45. https://doi.org/10.1093/njaf/5.1.40.