EVA – TRY data (version 6)

TRY data: a set of gap-filled traits prepared by the TRY consortium. Taxon names follow Euro+Med PlantBase extended (2026-11-08)

TRAITS:

- RootingDepth_mean
- LeafC.perdrymass_mean
- LeafN_mean
- LeafP_mean
- StemDiam_mean
- SeedMass_mean
- Seed.length_mean
- LeafThickness_mean
- LDMC_mean
- LeafNperArea_mean
- LeafDryMass.single_mean
- SeedGerminationRate_mean
- Seed.num.rep.unit_mean
- LeafLength_mean
- LeafWidth_mean
- LeafCN.ratio_mean
- Leaffreshmass_mean
- Stem.cond.dens_mean
- Chromosome.n_mean
- Chromosome.cDNAcont_mean
- Disp.unit.leng_mean
- StemConduitDiameter_mean
- Wood.vessel.length_mean
- WoodFiberLength_mean
- SpecificRootLength.fine_mean
- SpecificRootLength_mean
- PlantHeight.veg_mean
- PlantHeight.generative_mean
- LeafArea.leaf.undef_mean
- LeafArea.leaflet.undef_mean

- LeafArea.undef.undef_mean
- SLA.undef_mean
- LeafWaterCont_mean
- WoodRay.millimetre_mean
- Seed.num.disp.unit_mean
- RootingDepth_sd
- LeafC.perdrymass_sd
- LeafN_sd
- LeafP_sd
- StemDiam_sd
- SeedMass_sd
- Seed.length_sd
- LeafThickness_sd
- LDMC_sd
- LeafNperArea_sd
- LeafDryMass.single_sd
- SeedGerminationRate_sd
- Seed.num.rep.unit_sd
- LeafLength_sd
- LeafWidth_sd
- LeafCN.ratio_sd
- Leaffreshmass_sd
- Stem.cond.dens_sd
- Chromosome.n_sd
- Chromosome.cDNAcont_sd
- Disp.unit.leng_sd
- StemConduitDiameter_sd
- Wood.vessel.length_sd
- WoodFiberLength_sd
- SpecificRootLength.fine_sd
- SpecificRootLength_sd
- PlantHeight.veg_sd
- PlantHeight.generative_sd
- LeafArea.leaf.undef_sd
- LeafArea.leaflet.undef_sd
- LeafArea.undef.undef_sd
- SLA.undef_sd
- LeafWaterCont_sd
- WoodRay.millimetre_sd

- Seed.num.disp.unit_sd

Gap-filling method references: Shan et al. (2012), Fazayeli et al. (2014), and Schrodt et al. (2015).

Shan H, Kattge J, Reich P, Banerjee A, Schrodt F, Reichstein M (2012) Trait prediction using hierarchical probabilistic matrix factorization. In J. Langford (Ed.) Proceedings of the International Conference for Machine Learning (ICML) (pp. 1303-1310). Edinburgh: International Conference on Machine Learning

https://icml.cc/2012/papers/652.pdf

Fazayeli F, A Banerjee, J Kattge, F Schrodt, PB Reich (2014) Uncertainty Quantified Matrix Completion using Bayesian Hierarchical Matrix Factorization. 13th International Conference on Machine Learning and Applications (ICMLA), Detroit, USA December 3-6, 2014. DOI 10.1109/ICMLA.2014.56

https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7033133&tag=1

Schrodt F, Kattge J, Shan H, Fazayeli F, Joswig J, Banerjee A, … Reich PB (2015) BHPMF – a hierarchical Bayesian approach to gap-filling and trait prediction for macroecology and functional biogeography. Global Ecology and Biogeography. Doi: 10.1111/geb.12335

https://onlinelibrary.wiley.com/doi/full/10.1111/geb.12335