Cenozoic macroperforate planktonic foraminifera phylogeny of Aze & others (2011): Corrected Version, July 2018

Datapack set, compiled October 2019: TSCEvolTree_Aze&2011_CorrJul2018_ISP
This set applies the integrated species–phenon tree function of the *TimeScale Creator* platform to bring together the morphospecies and lineage trees of the Cenozoic macroperforate planktonic foraminifera of Aze & others (2011), calibrated against GTS2016. It is the identical dataset **to TSCEvolTree_Aze&2011_CorrJul2018 (**compiled October 2018; listed below on p. 2.) When displaying, this integrated species–phenon version defaults to the combined tree, but the individual morphospecies and lineage trees can also be viewed individually (Choose Columns, Choose tree structure, Side by Side Tree).
Published article: Zehady, A. K., Fordham, B. G., & Ogg, J. G. (2019) Integrated species–phenon trees: visualizing infraspecific diversity within lineages. Scientific Reports, 9: e18968. https://doi.org/10.1038/s41598-019-55435-w.

Download datapack set of integrated trees, TSCEvolTree_Aze2011_CorrJul2018_ISP_4dpks.zip (zip file, 51 MB), at https://timescalecreator.org/datapack/datapack.php.

This zip file contains 4 individual datapacks, a settings file for TSC, and article pdf:

- **TSCEvolTree_Aze&2011_CorrJul2018_ISPEco.dpk** —coloured and labeled by ecogroup
- **TSCEvolTree_Aze&2011_CorrJul2018_ISPEcoNoLbl.dpk** —coloured by ecogroup, but without labels
- **TSCEvolTree_Aze&2011_CorrJul2018_ISPMph.dpk** —coloured and labeled by morphogroup
- **TSCEvolTree_Aze&2011_CorrJul2018_ISPMphNoLbl.dpk** —coloured by morphogroup, but without labels
- **TSCEvolTree_Aze&2011_CorrJul2018_ISP_4dpks**— settings
- **Zehady & others, 2019** — article pdf.

After using "Add Datapack" to add any or all four datapacks, "Load" this file in the "TSC Settings window" to get an initial view of the evolutionary trees: TSCEvolTree_Aze&2011_CorrJul2018_ISP_4dpks.tsc

These datapacks are also available from the Australian National University Data Commons Collection anudc:5981, https://doi.org/10.25911/5db66faba683b

Datapack set, compiled October 2018: TSCEvolTree_Aze&2011_CorrJul2018
This set represents the transfer of the morphospecies and lineage trees of Cenozoic macroperforate planktonic foraminifera of Aze & others (2011) onto the *TimeScale Creator* platform, calibrated against GTS2016. These correspond to the Corrected Version of July 2018; this version incorporates corrections, amendments, and enhancements, and positions the trees for future time-scale updates, while faithfully maintaining the integrity of the 2011 case example; it does not constitute a revision.
Published article: Fordham, B. G., Aze, T., Haller, C., Zehady, A. K., Pearson, P. N., Ogg, J. G., & Wade, B. S. (2018) Future-proofing the Cenozoic macroperforate planktonic foraminifera phylogeny of Aze & others (2011). PLoS ONE, 13(10): e0204625. https://doi.org/10.1371/journal.pone.0204625.

Download datapack set of morphospecies and lineage trees, TSCEvolTree_Aze2011_CorrJul2018_5dpks.zip (zip file, 46 MB), at https://timescalecreator.org/datapack/datapack.php.

This zip file contains 5 individual datapacks, a settings file for TSC, and article pdf:

- **TSCEvolTree_Aze&2011_CorrJul2018_MspEco.dpk** — morphospecies, coloured and labeled by ecogroup
- **TSCEvolTree_Aze&2011_CorrJul2018_MspMph.dpk** — morphospecies, coloured and labeled by morphogroup
- **TSCEvolTree_Aze&2011_CorrJul2018_MspGen.dpk** — morphospecies, coloured and labeled by genus
- **TSCEvolTree_Aze&2011_CorrJul2018_LgeEco.dpk** — lineages, coloured and labeled by ecogroup
- **TSCEvolTree_Aze&2011_CorrJul2018_LgeMph.dpk** — lineages, coloured and labeled by morphogroup
- **TSCEvolTree_Aze&2011_CorrJul2018_5dpks.tsc** — settings
- **Fordham & others, 2018** — article pdf.

After using "Add Datapack" to add any or all five datapacks, "Load" this file in the "TSC Settings window" to get an initial view of the evolutionary trees: TSCEvolTree_Aze&2011_CorrJul2018_5dpks.tsc

These datapacks are also available from the Australian National University Data Commons Collection anudc:5529, https://doi.org/10.25911/5b8df4ddb9497.