How to use PYRE Classic

p. 1 : How to create a new data file with an external editor

p. 2 : How to use PYRE Classic to open a file

p. 3,4 : First steps

p. 5 : Data check

p. 6 : Choose and procede a job

p. 7 : A Camin – Sokal Parsimony Cladogram

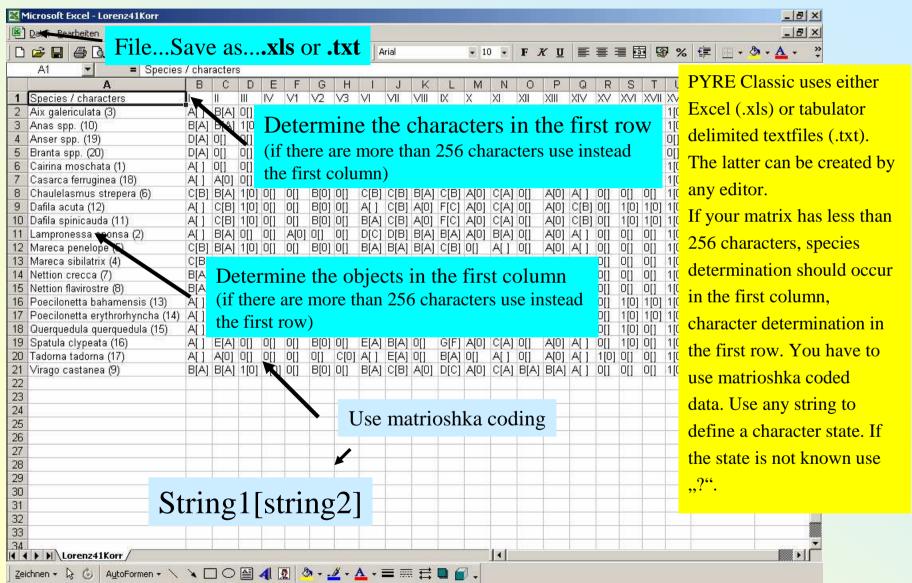
p. 8 : The graphic

p. 9 : The tree compatibility

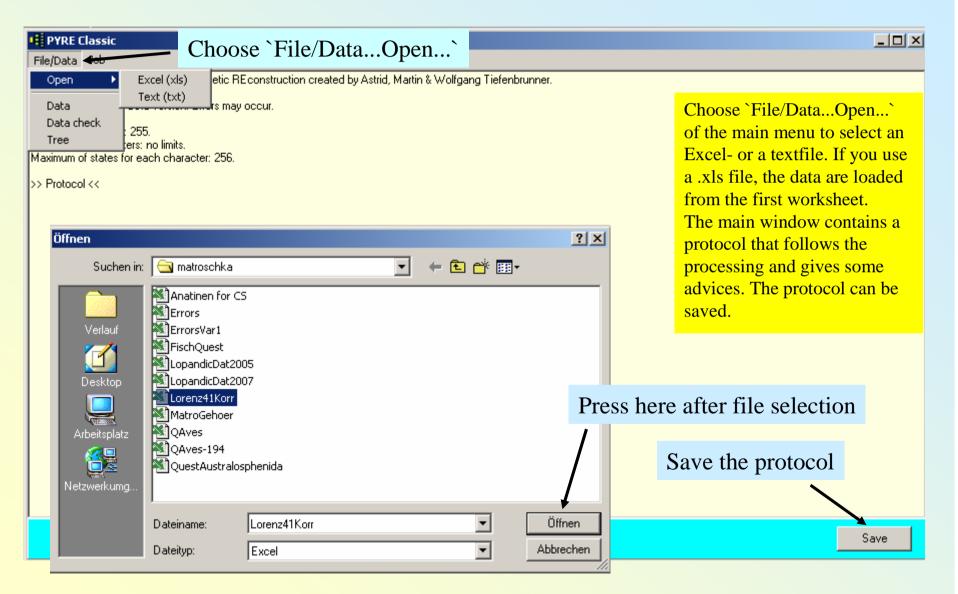
Astrid, Martin & Wolfgang Tiefenbrunner

Bundesamt für Weinbau, Eisenstadt Logistic Management Service, Trofaiach

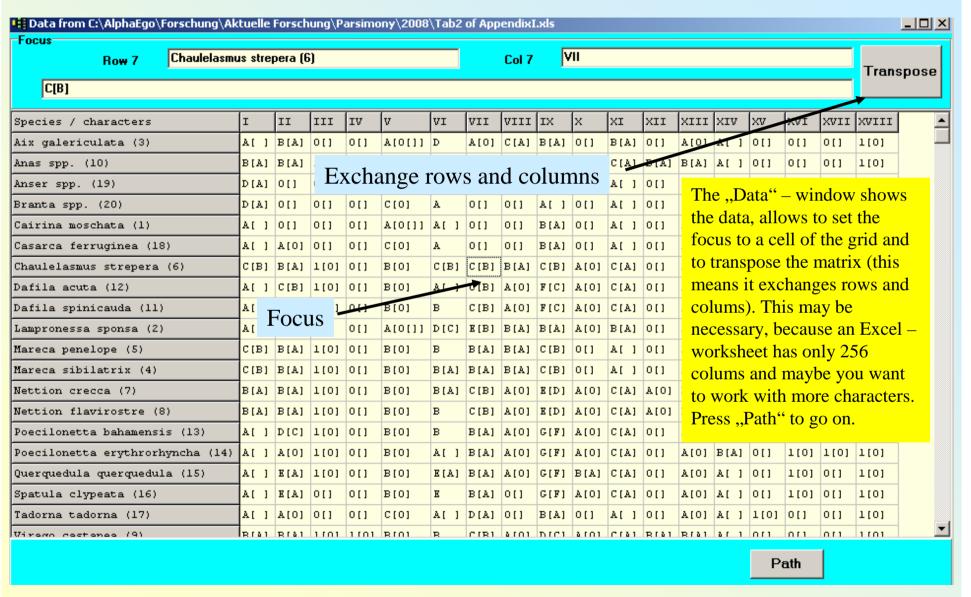
How to create a new data file with an external editor



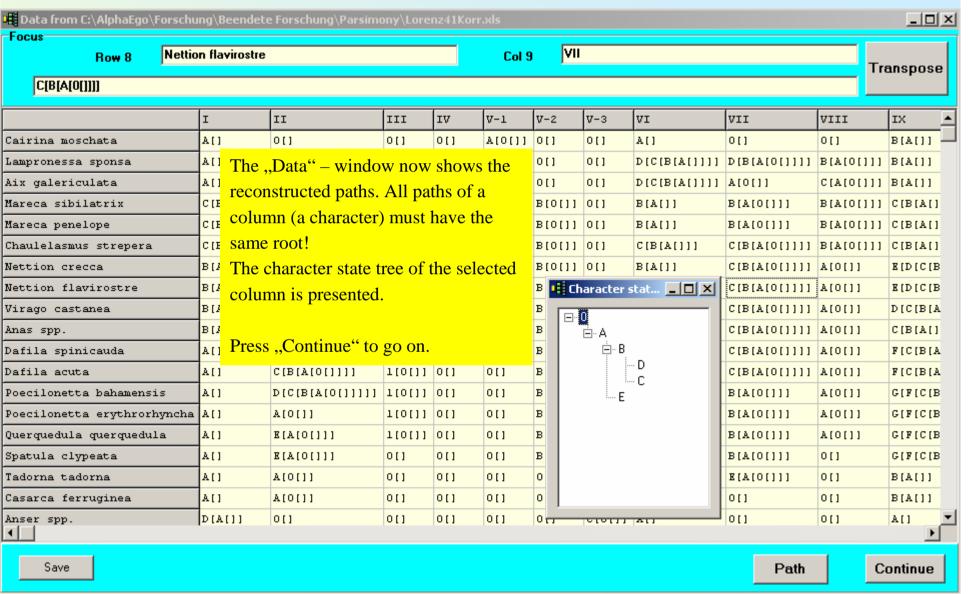
How to use PYRE Classic to open a file



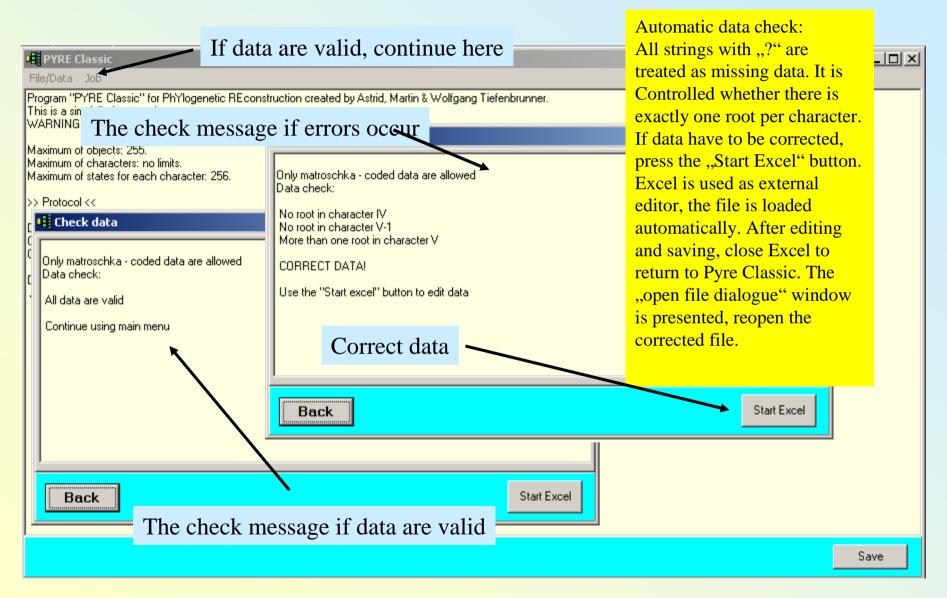
First steps



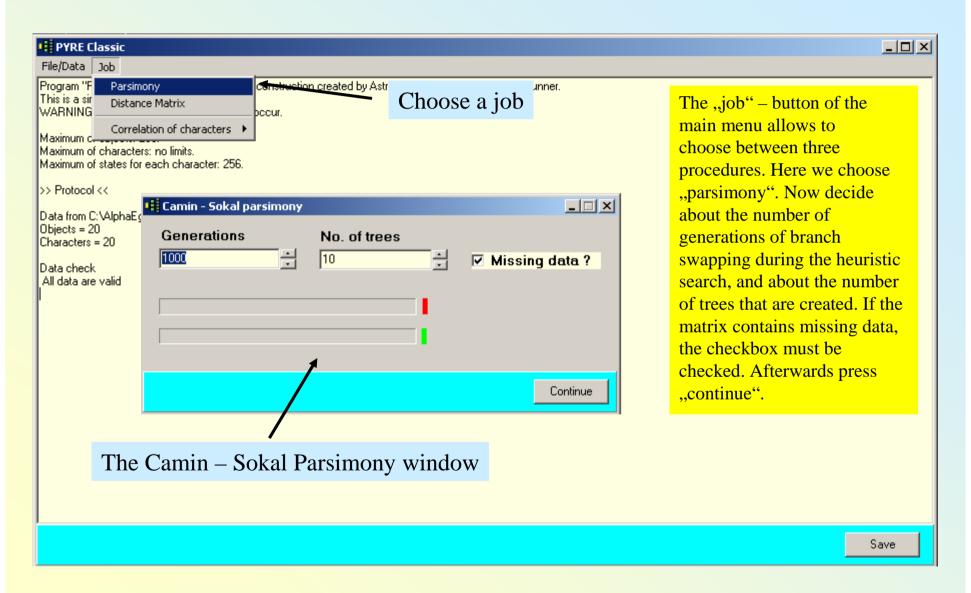
First steps



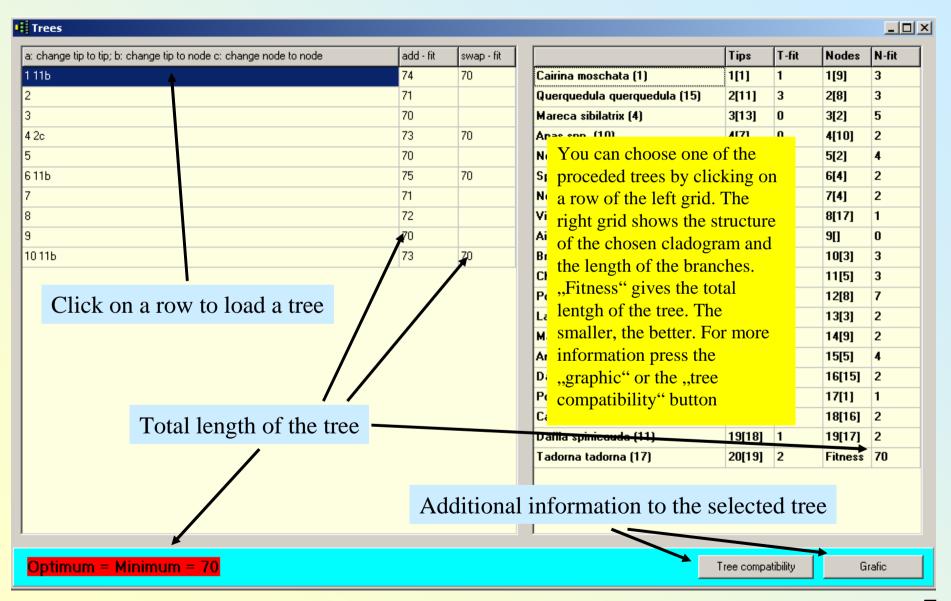
Data check



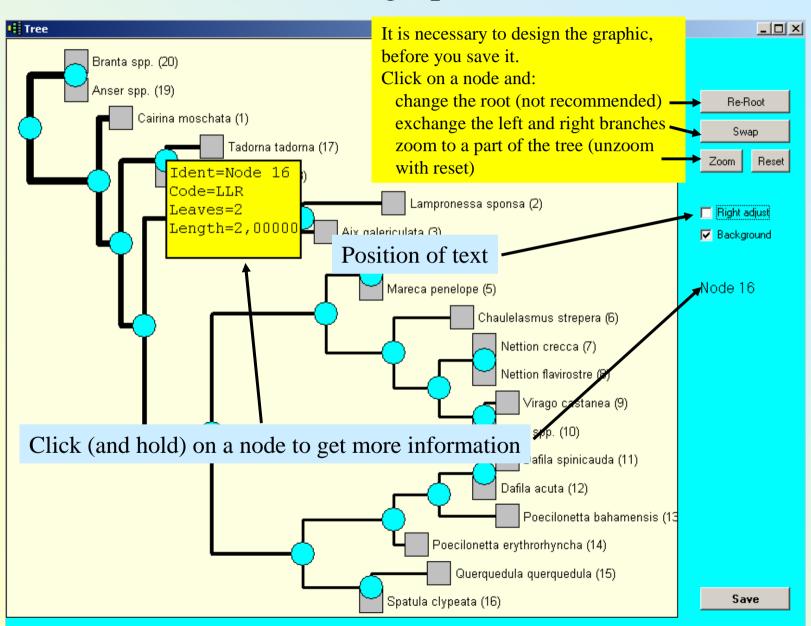
Choose and procede a job



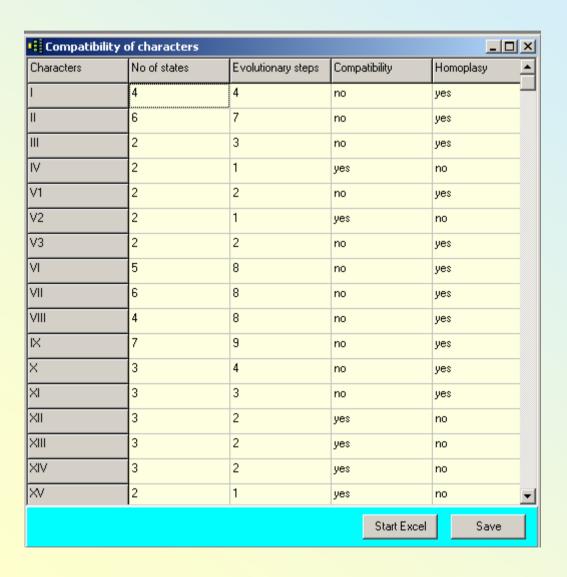
A Camin – Sokal Parsimony Cladogram



The graphic



The tree compatibility



The tree compatibility window tells you, which character is compatible with the cladogram and whether homoplasy is predicted. The number of evolutionary steps should be number of states -1. If there are missing data, you can see it in the "no. of states" column. If you decide to delete or change some characters, press the "start Excel" button.

More about phylogenetic reconstruction using character state trees:

Tiefenbrunner, A., Tiefenbrunner, M. & W. Tiefenbrunner, NEW TOOLS FOR PHYLOGENETIC RECONSTRUCTION USING CHARACTER STATE TREES, Linzer biologische Beiträge 43/1, 99-117, 2011.