



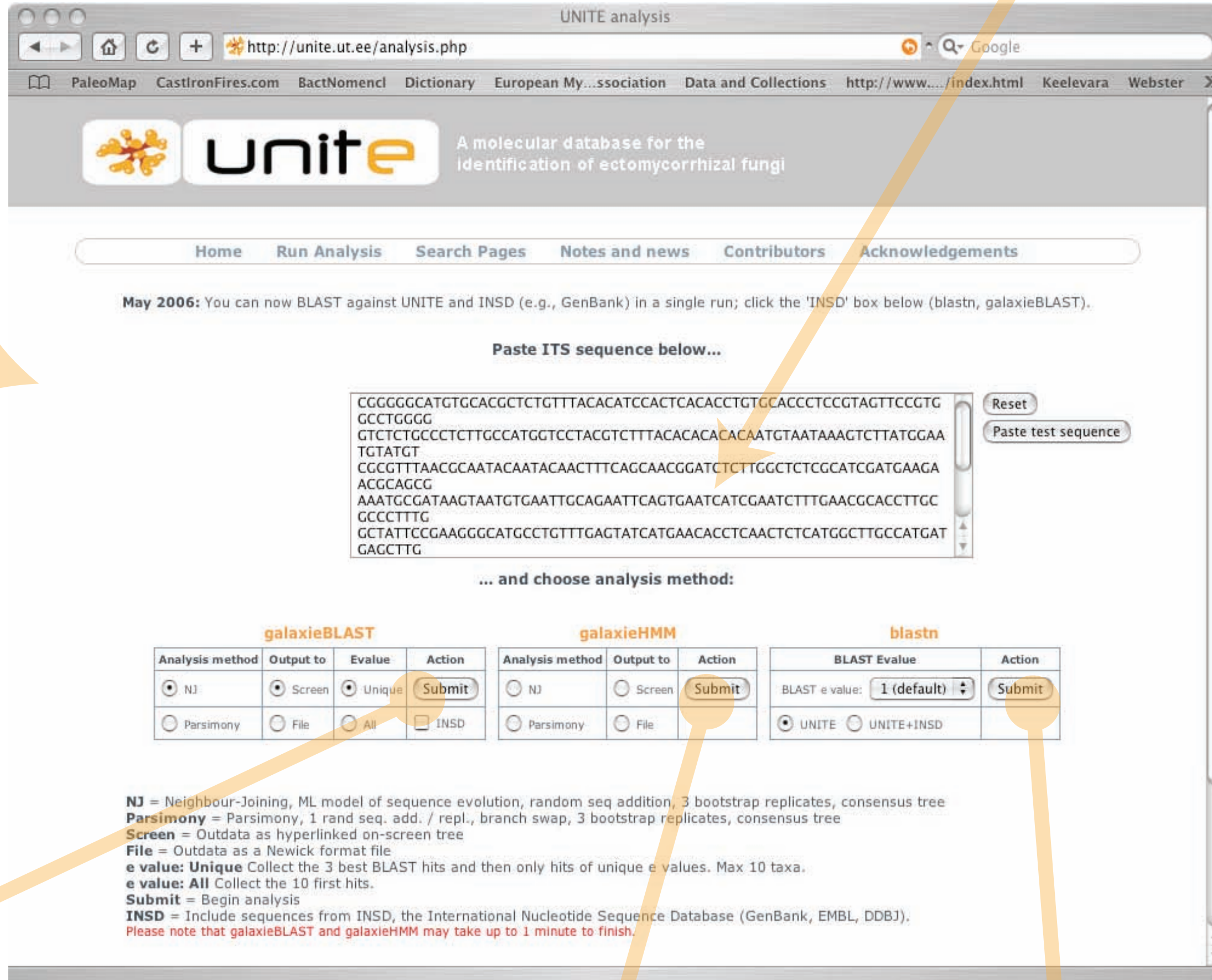
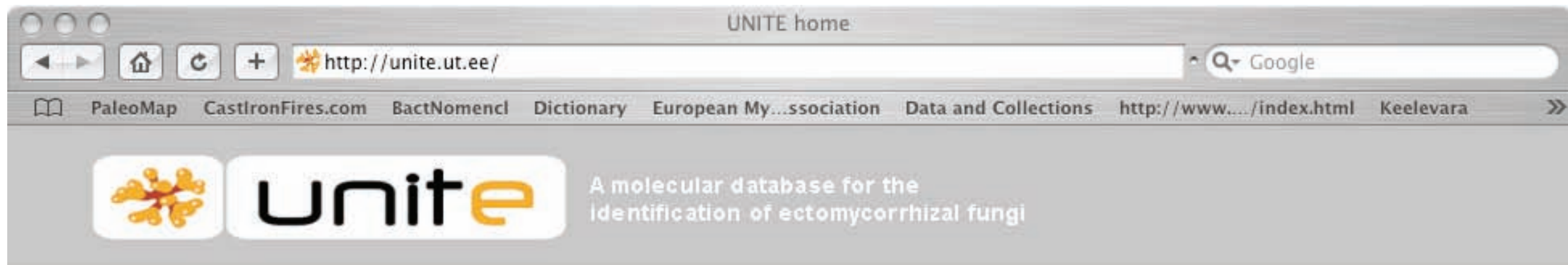
A database providing web based tools for the molecular identification of ectomycorrhizal fungi - DNA barcoding in action

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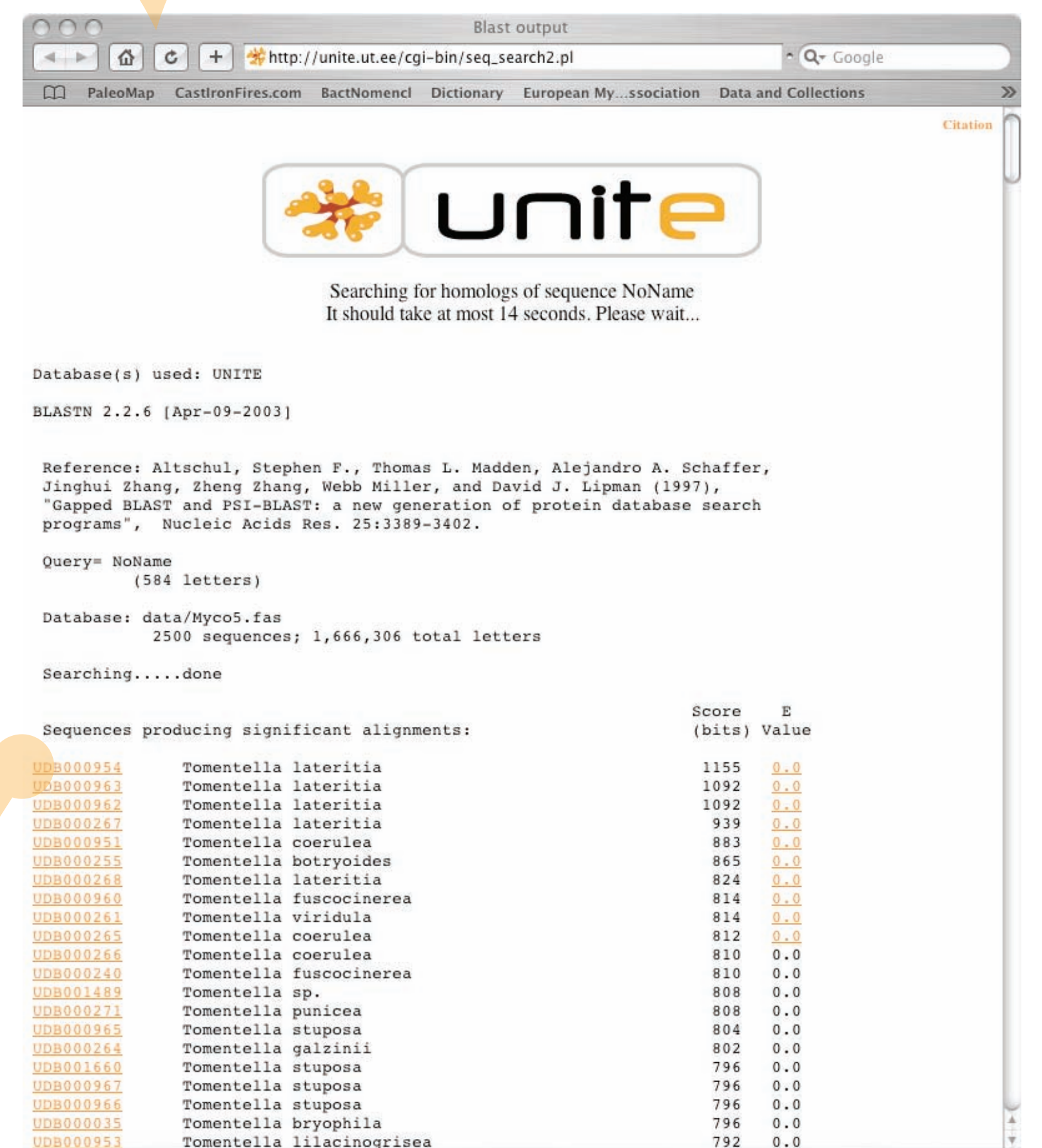
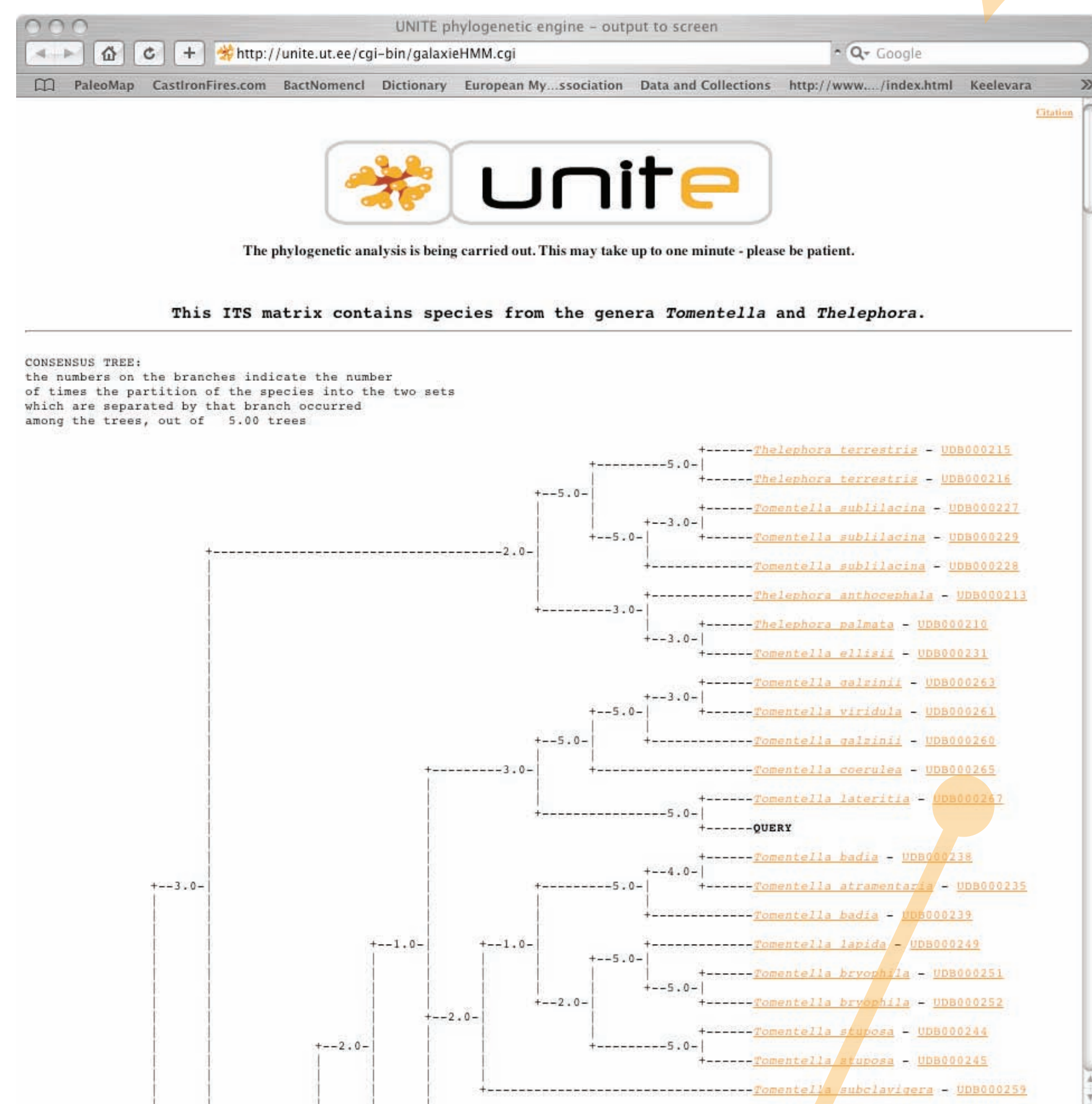
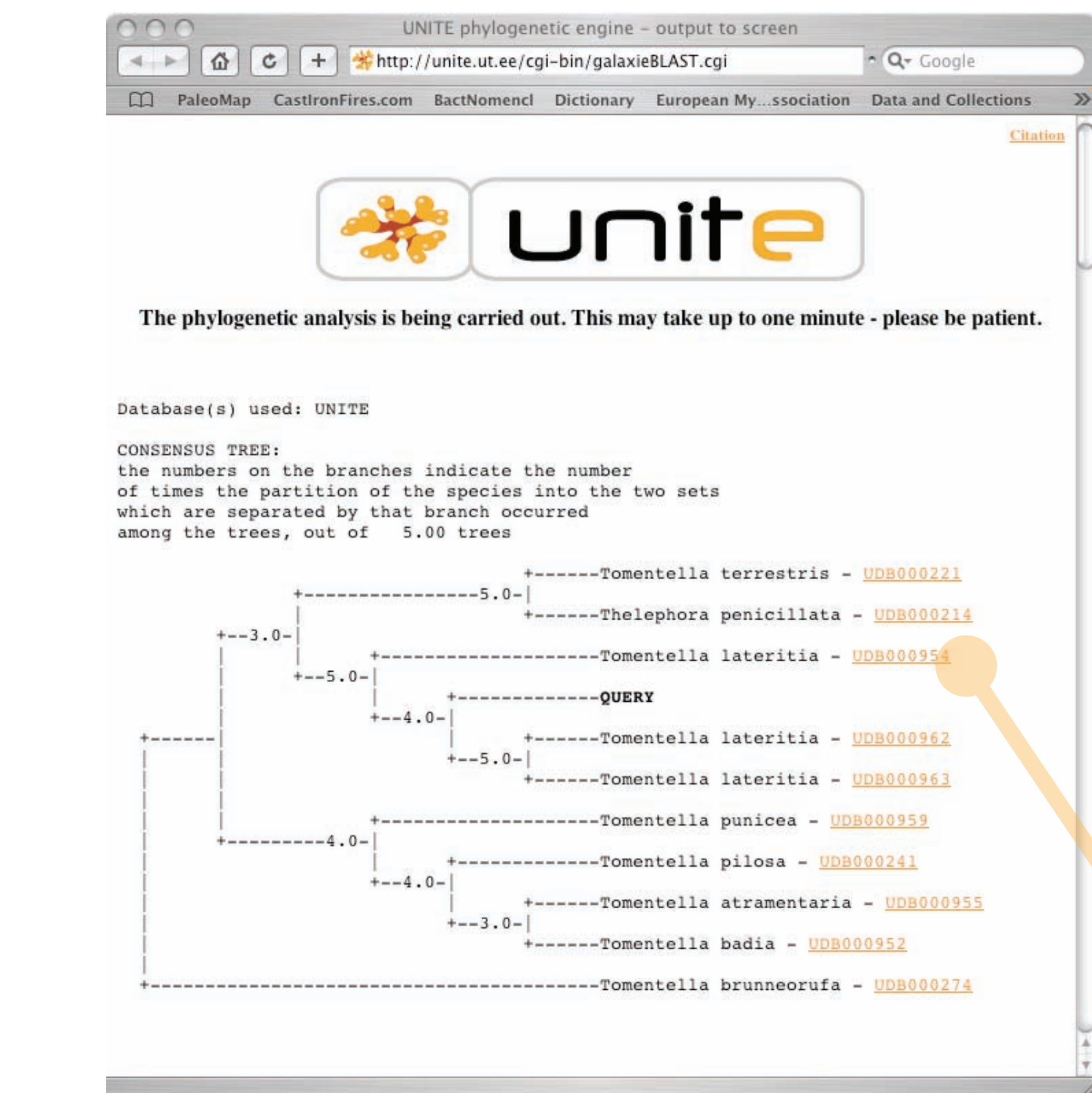
1 University of Tartu, Estonia; 2 Göteborg University, Sweden; 3 University of Aberdeen, UK; 4 Macaulay Institute, UK; 5 Centraalbureau voor Schimmelcultures, Netherlands; 6 Lund University, Sweden; 7 University of Copenhagen, Denmark; 8 Finnish Forest Research Institute, Finland; 9 Manchester Metropolitan University, UK; 10 Swedish Univ. of Agricultural Sciences, Sweden; 11 University of Helsinki, Finland; 12 University of Oslo, Norway; 13 Karolinska Institutet, Sweden

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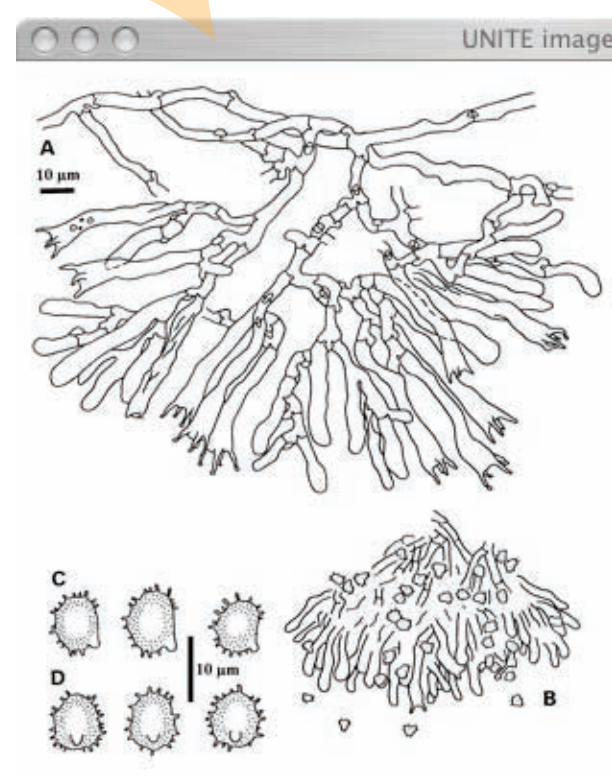
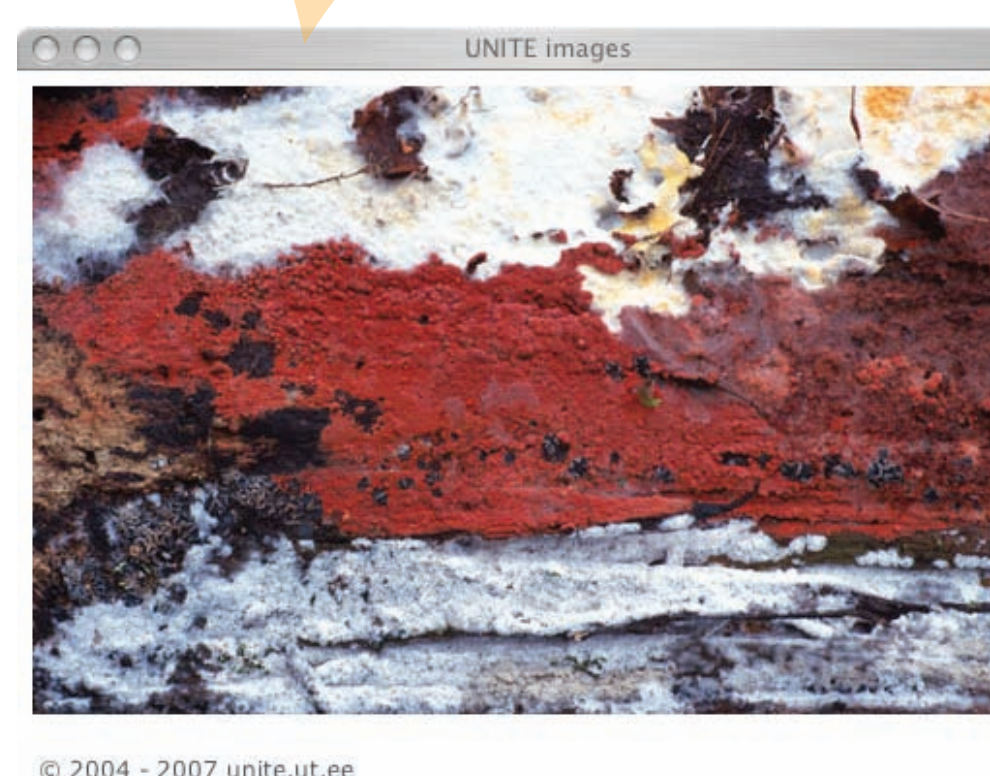
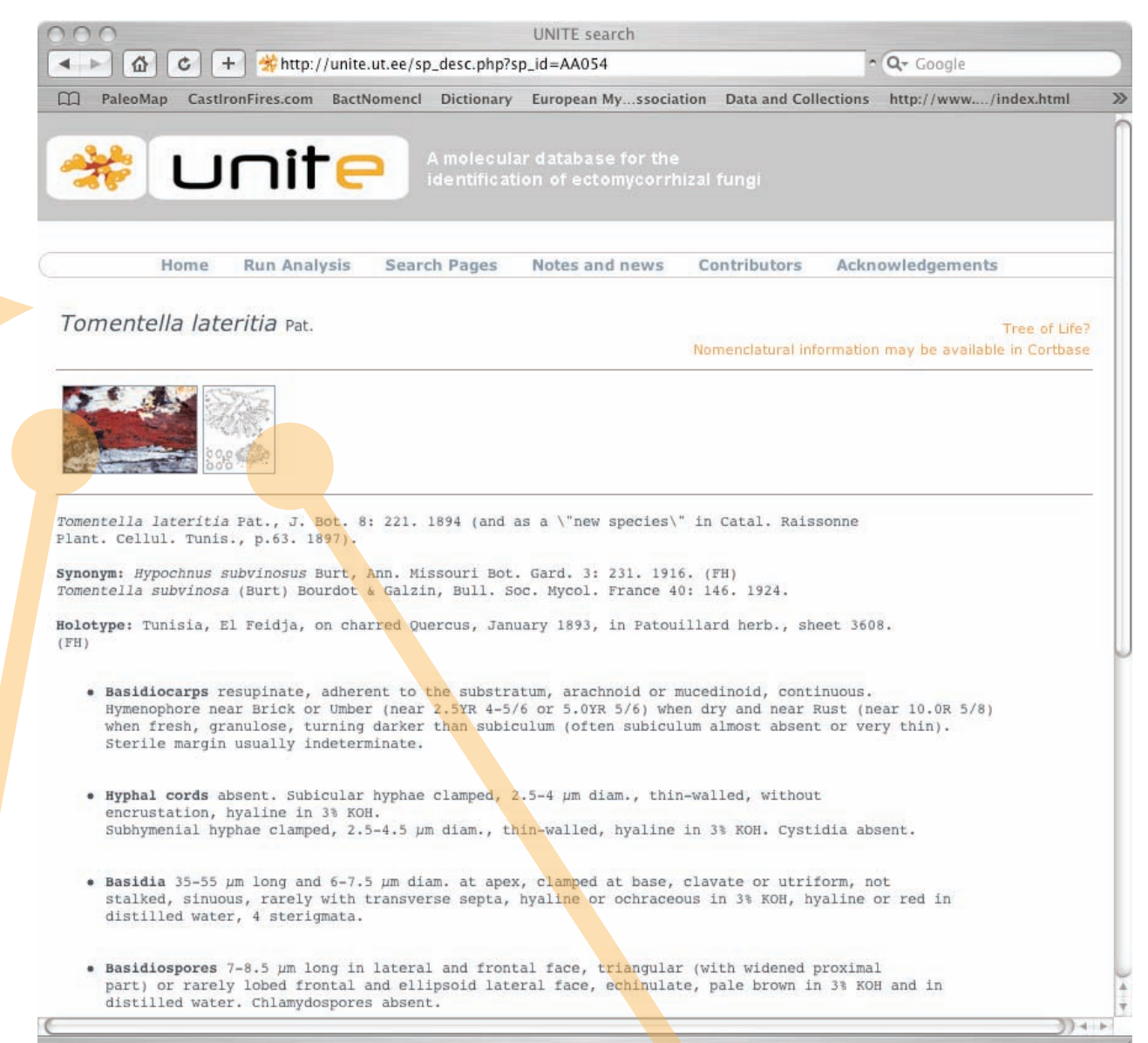
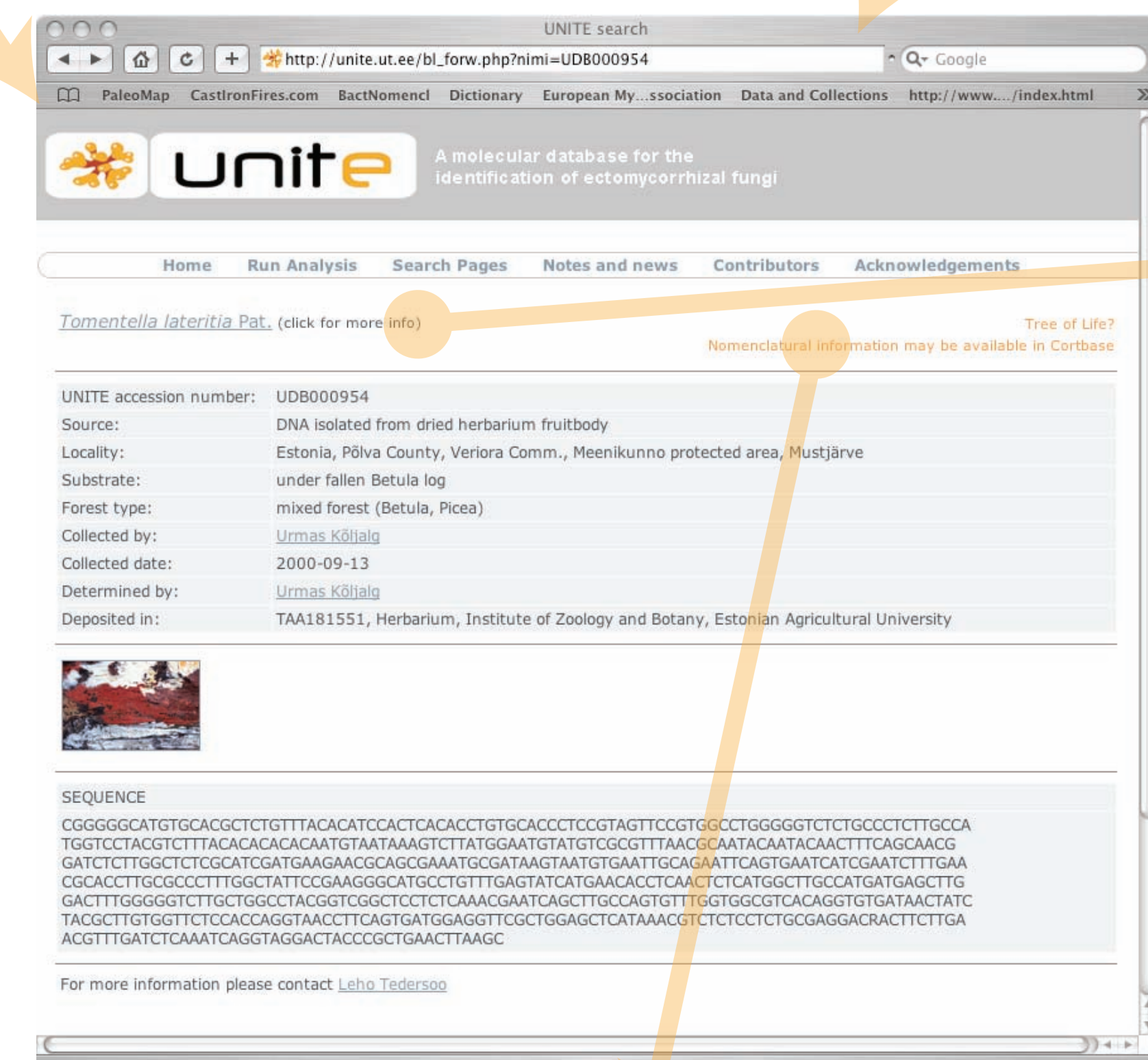
UNITE homepage



DNA extraction and sequencing ITS regions of the mycorrhizal fungus



Composite of “screenshots” displaying some features of UNITE. In the home page of UNITE you can run phylogenetic analyses by using galaxie-BLAST or galaxieHMM as well as BLAST your ITS sequences against the UNITE database. Support for INSD (GenBank, EMBL, DDBJ) ITS sequences is enabled. This means that you, in a single BLAST or galaxieBLAST run, can compare your sequences with those in UNITE and INSD. All you have to do is to click the 'INSD' box next to the 'Submit' button. We use emerencia technology for the INSD support. In galaxie and BLAST search results pages the terminal taxa and best matches respectively have interactive links to the specimen data. The species name in the last page has an interactive link to the species description if available. The species description includes text as well as illustrative material and a link to the nomenclatural database Cortbase. There are also search pages where you can browse UNITE sequences by taxon name.



Tomentella lateritia (TAA149234). - A: Section through basidiospore. - B: Section through granule. - C: Basidiospores in lateral face. - D: Basidiospores in frontal face.