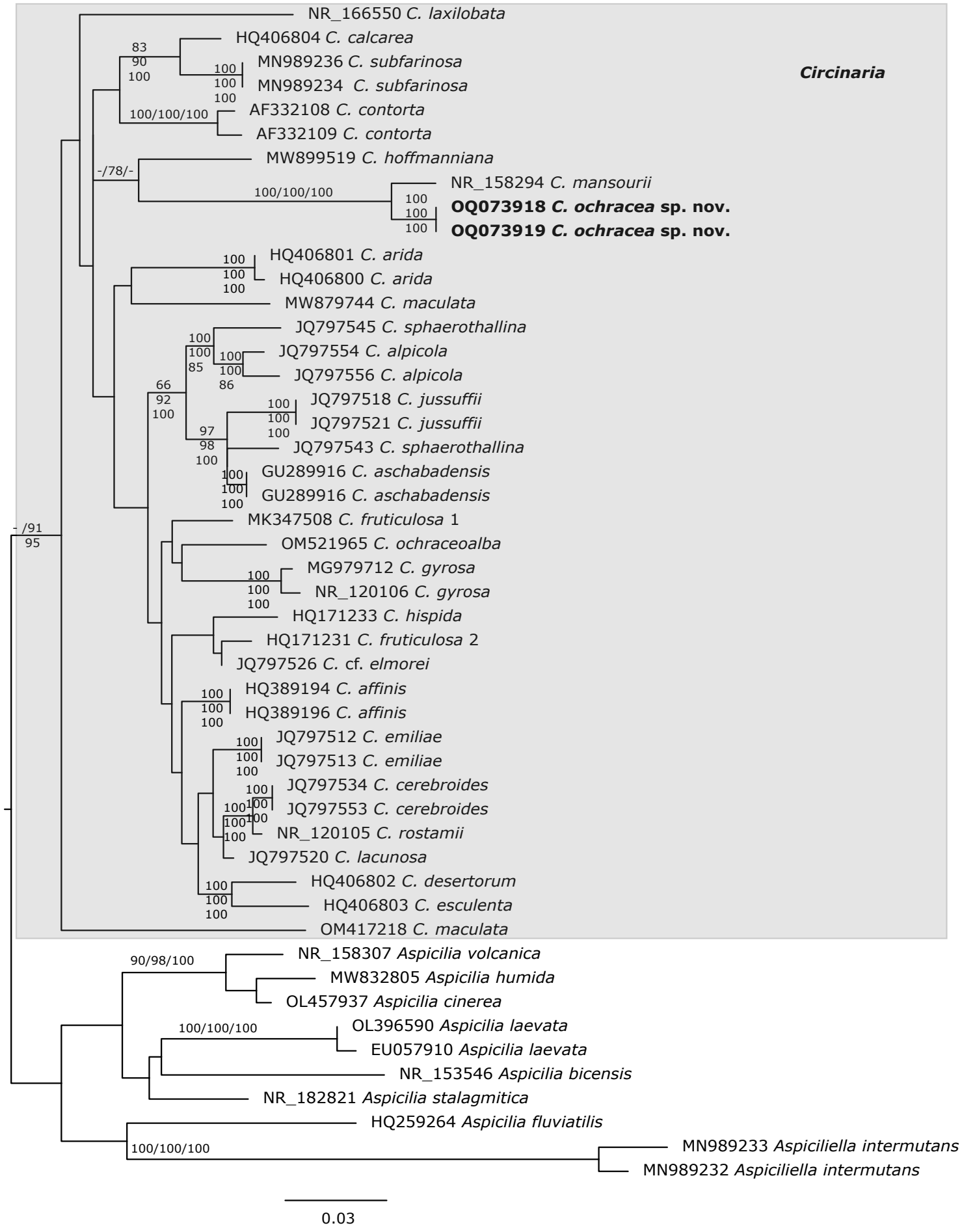

Supplementary Materials Figure 1. Topology of best phylogenetic RAxML tree based on ITS data of *Circinaria* s.lat., with *Aspicilia* spp. and *Aspicilidea intermedia* as outgroup. The numbers in each node represent bootstrap support (BS) from RAxML analyses, ultrafast bootstrap support from IQTree- analysis and posterior probability (PP) values from Bayesian Inference of phylogeny. Only BS values ≥ 75% and PP values ≥ 0.95 were plotted on the branches of the tree. GenBank Accession Numbers are given before each taxon name, Sardinian collections are marked in bold.