

Taxon sets preliminary trees

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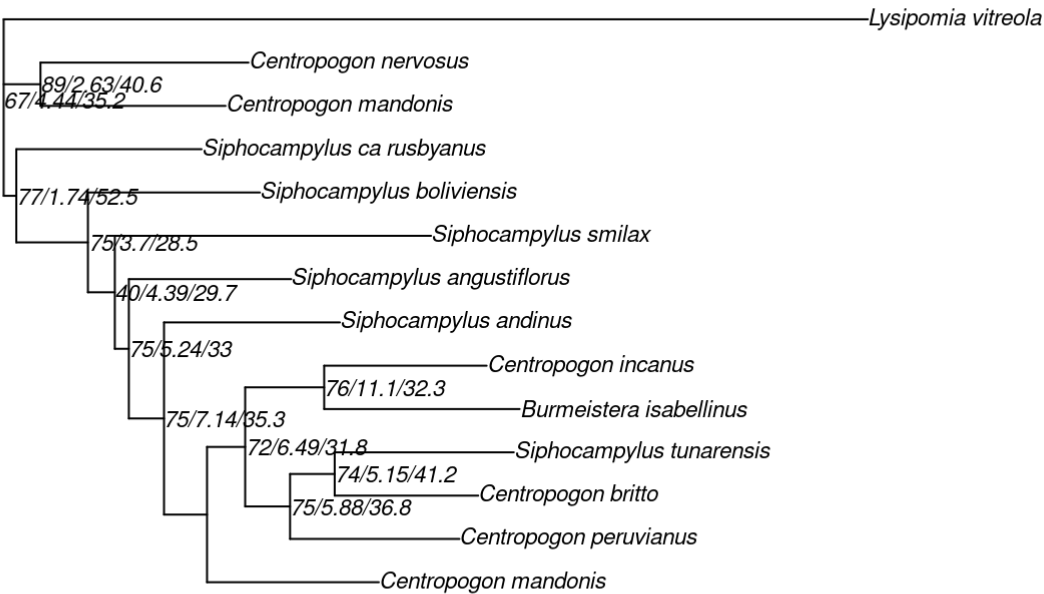
Taxon Set 1

Trees from 353 data

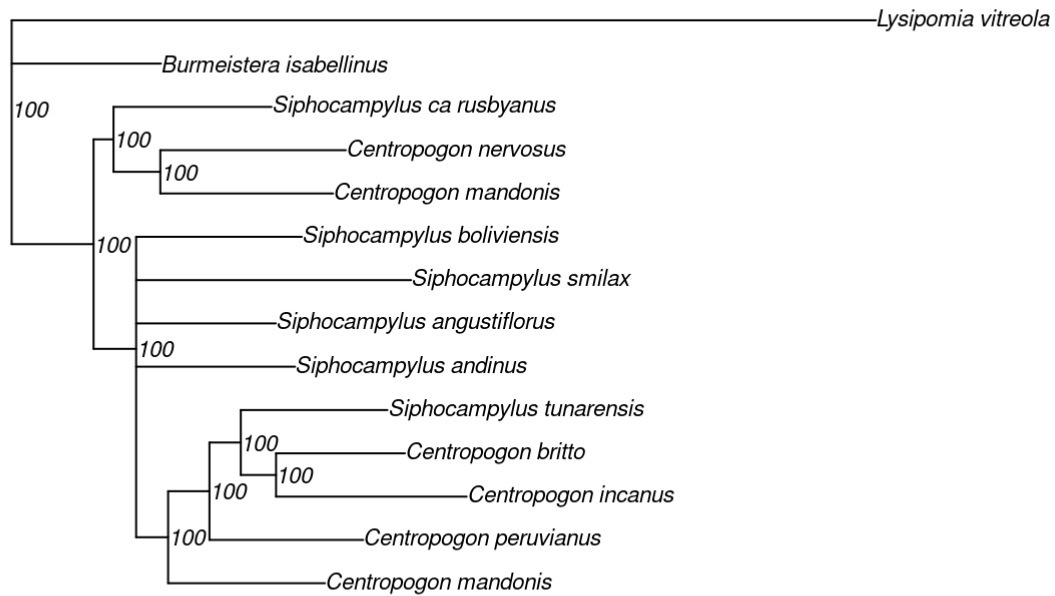
This tree was generated from reads from genome skim data subsetting based on their alignment to 353 loci. The reads were then assembled in HybPiper.

IQTree with partitions

Node support is given as Bootstrap/gCF/sCF.

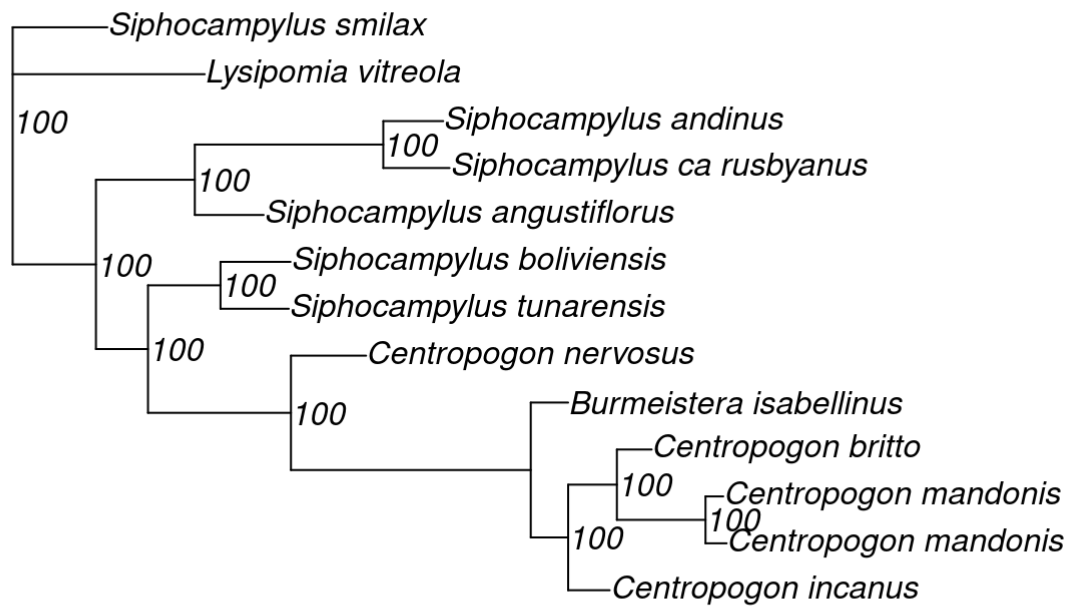


Mr Bayes tree

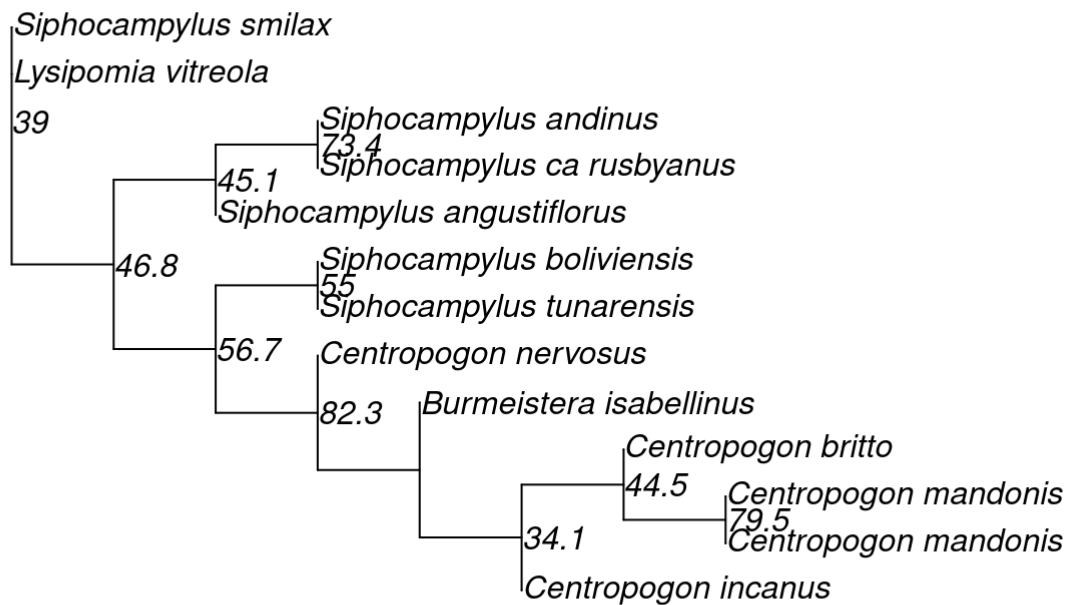


Trees from SISRS data

This tree was generated from reads from genome skim data. Variable sites were obtained using SISRS. The tree was constructed using RAxML with a dataset limited to biallelic sites, sites without gaps, and limited to a maximum of five samples missing per site. Node support is given as Bootstrap.

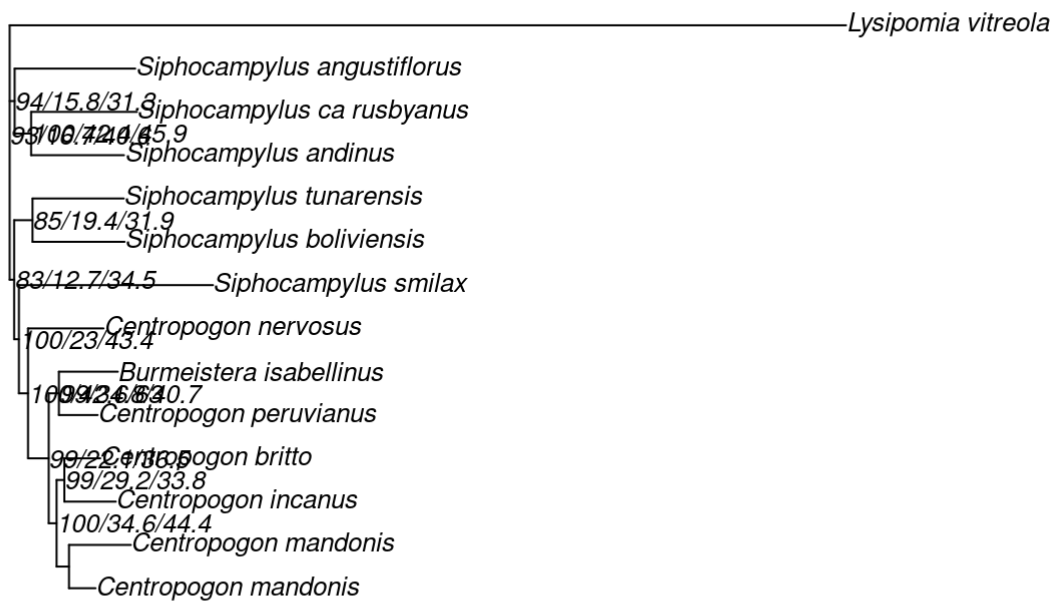


Same tree plotted with sCF on nodes.



Trees from SISRS targets

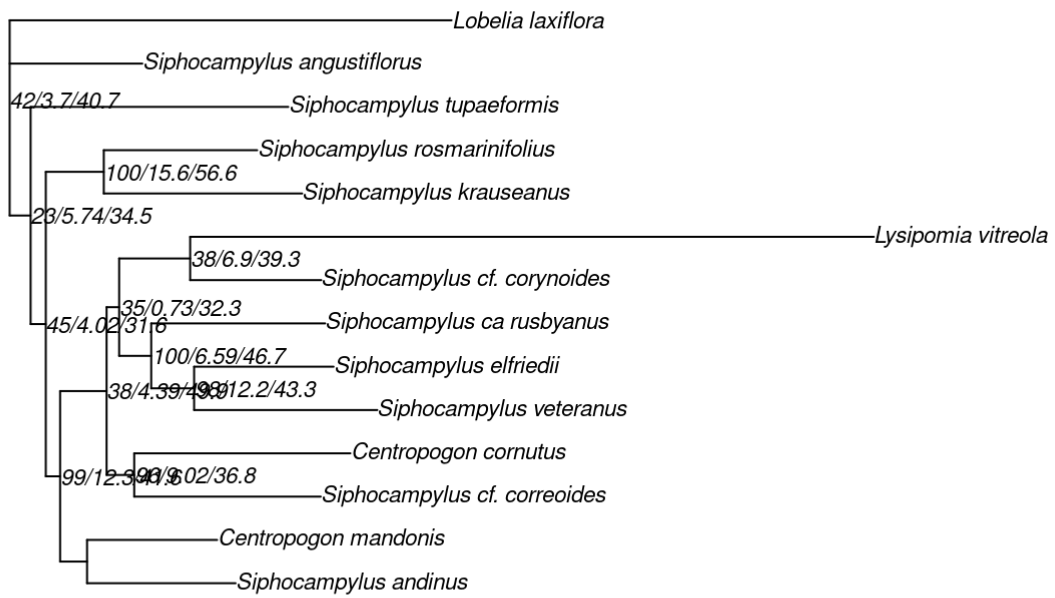
- Data was run through SISRS to generate targets specific to the taxon set.
- Targets were used to filter trimmed Illumina reads.
- The reads were then assembled in HybPiper as for the 353 analysis.
- The tree was constructed using IQTree.
- Node support is given as Bootstrap/gCF/sCF.



Taxon Set 2

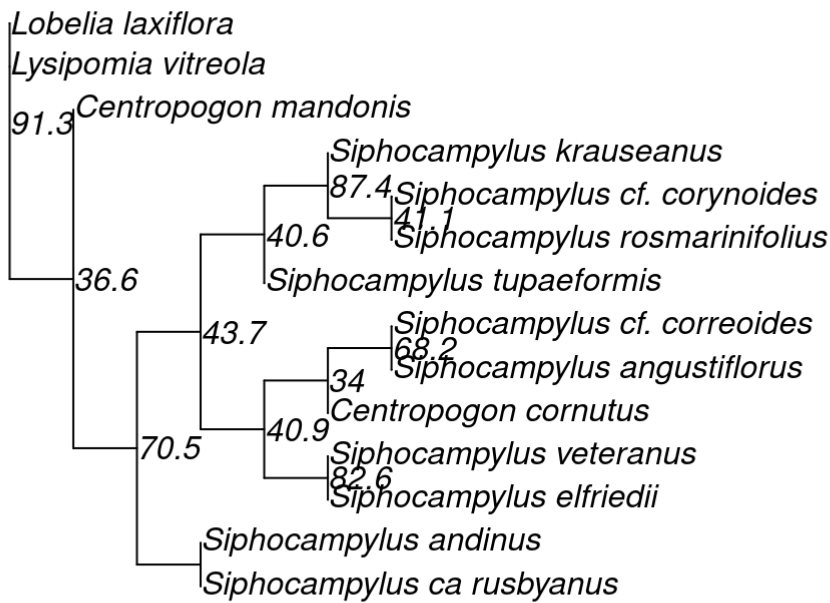
Trees from 353 data

IQTree with partitions

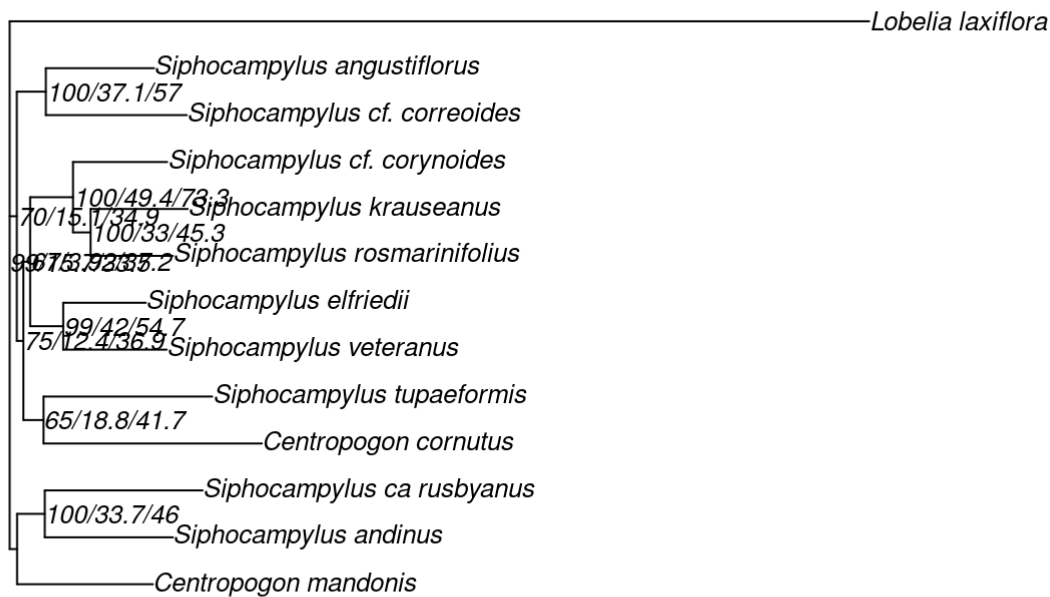


Mr Bayes tree

Trees from SISRS data



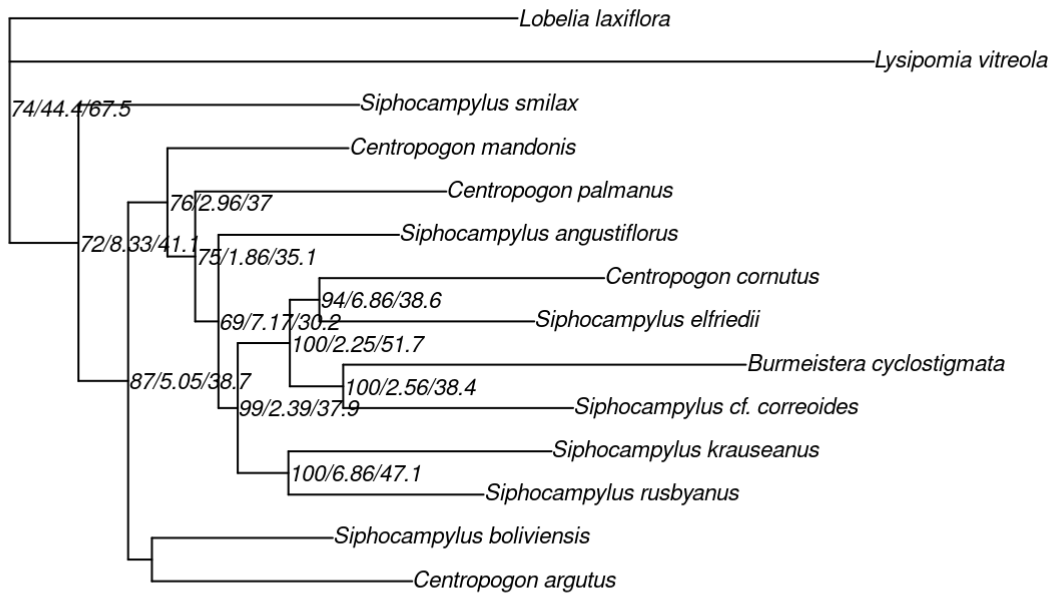
Trees from SISRS targets



Taxon Set 3

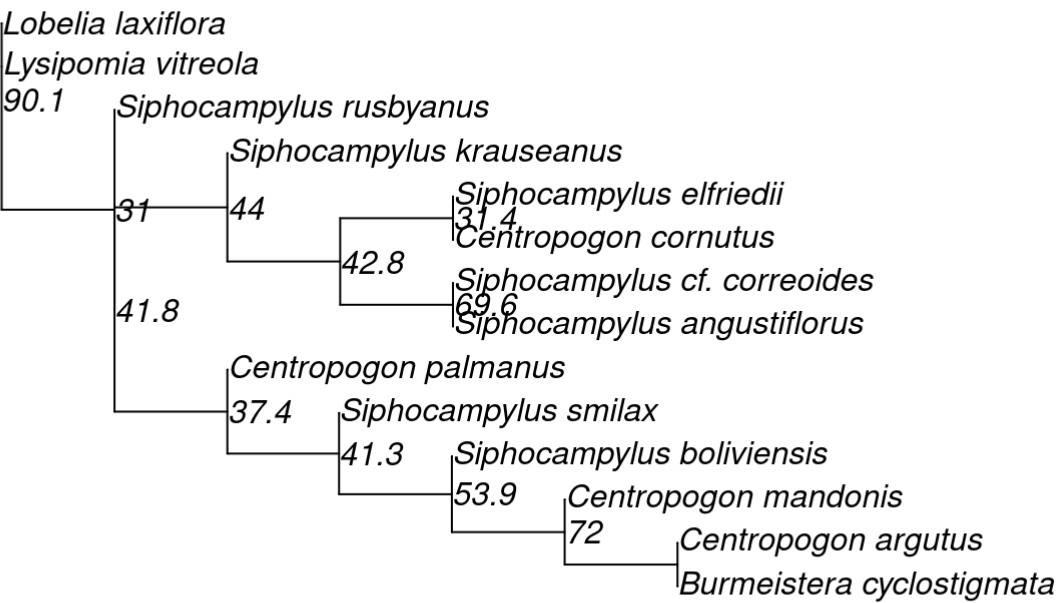
Trees from 353 data

IQTree with partitions

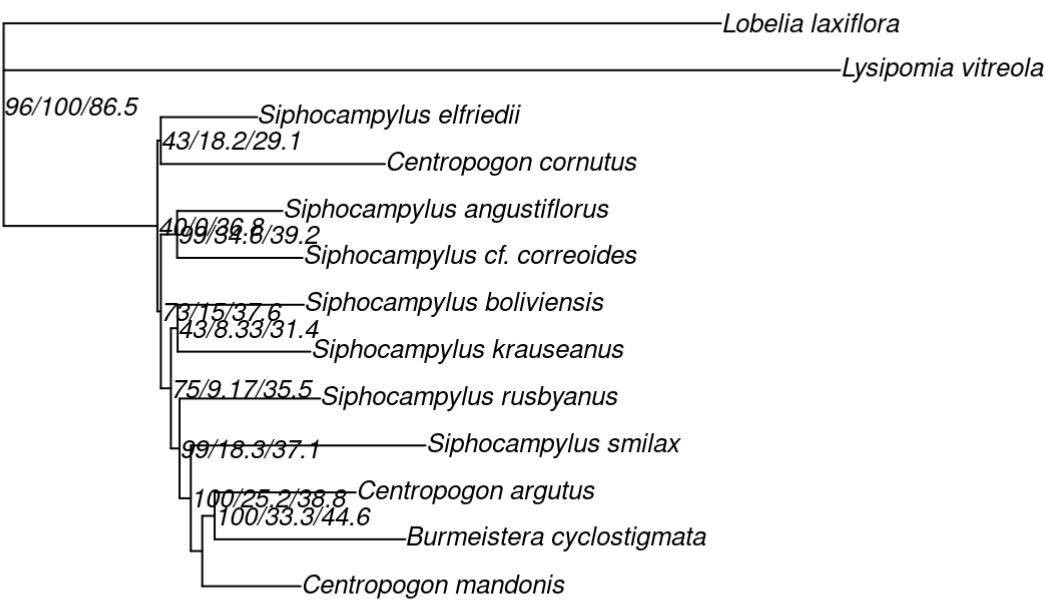


Mr Bayes tree

Trees from SISRS data



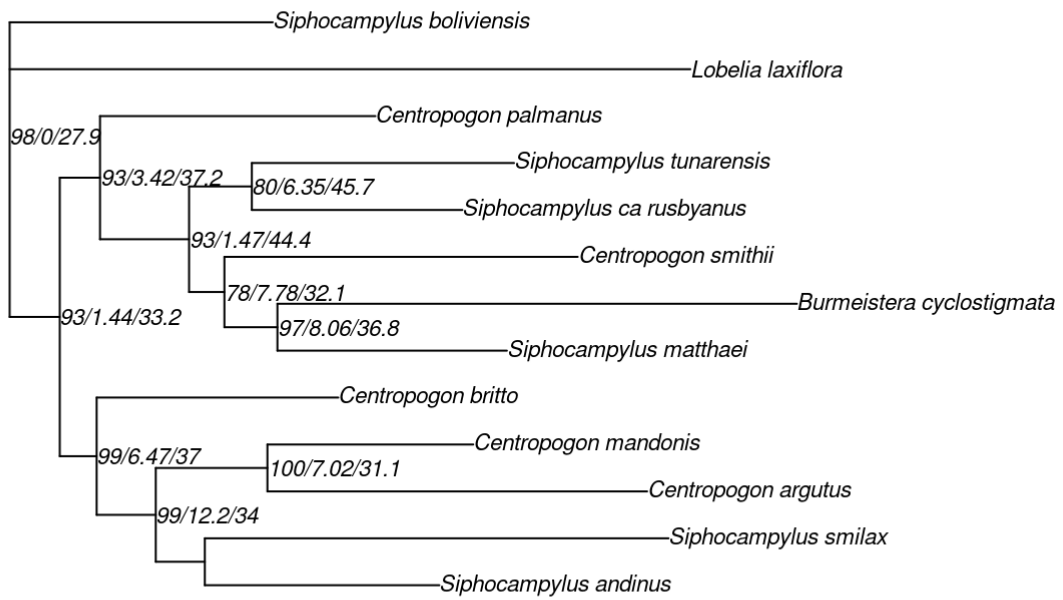
Trees from SISRS targets



Taxon Set 4

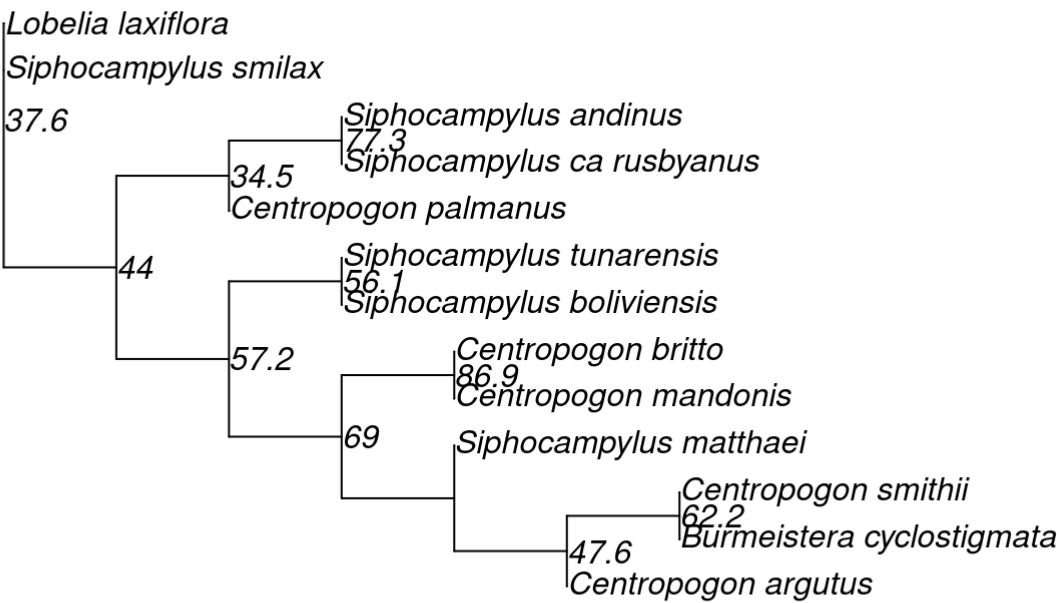
Trees from 353 data

IQTree with partitions

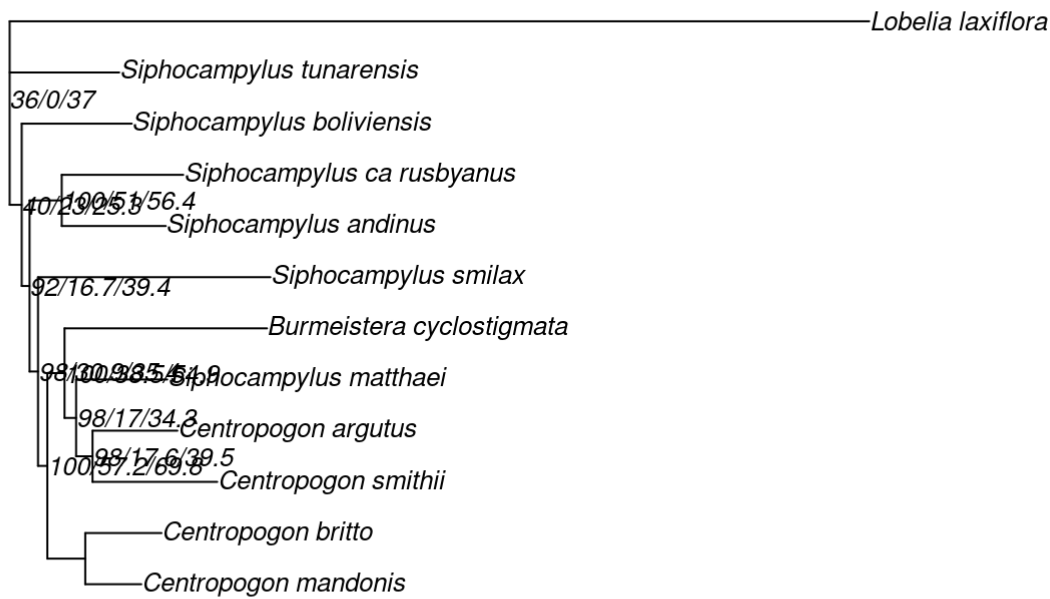


Mr Bayes tree

Trees from SISRS data



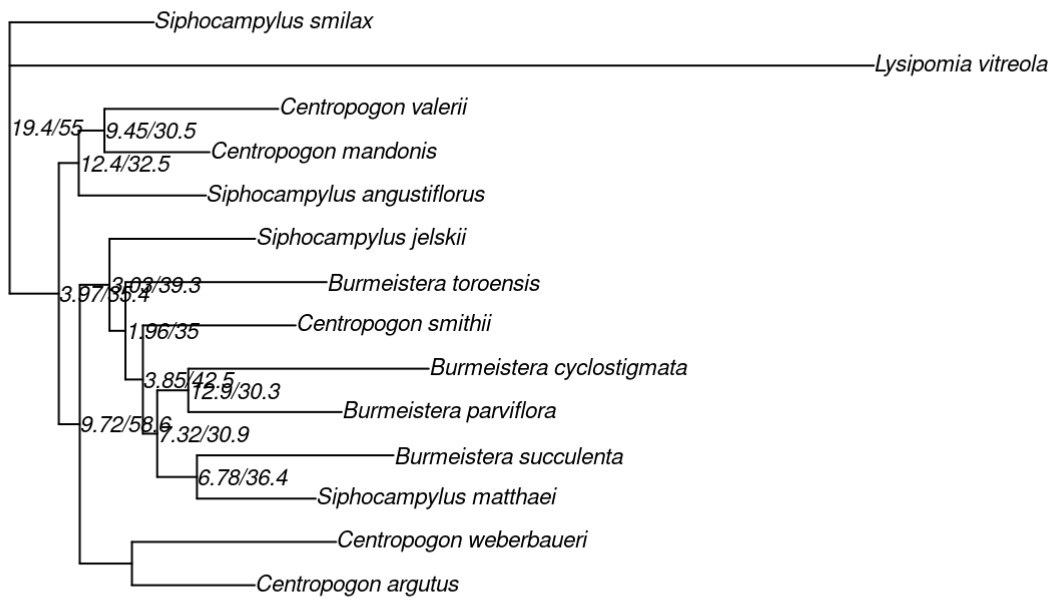
Trees from SISRS targets



Taxon Set 5

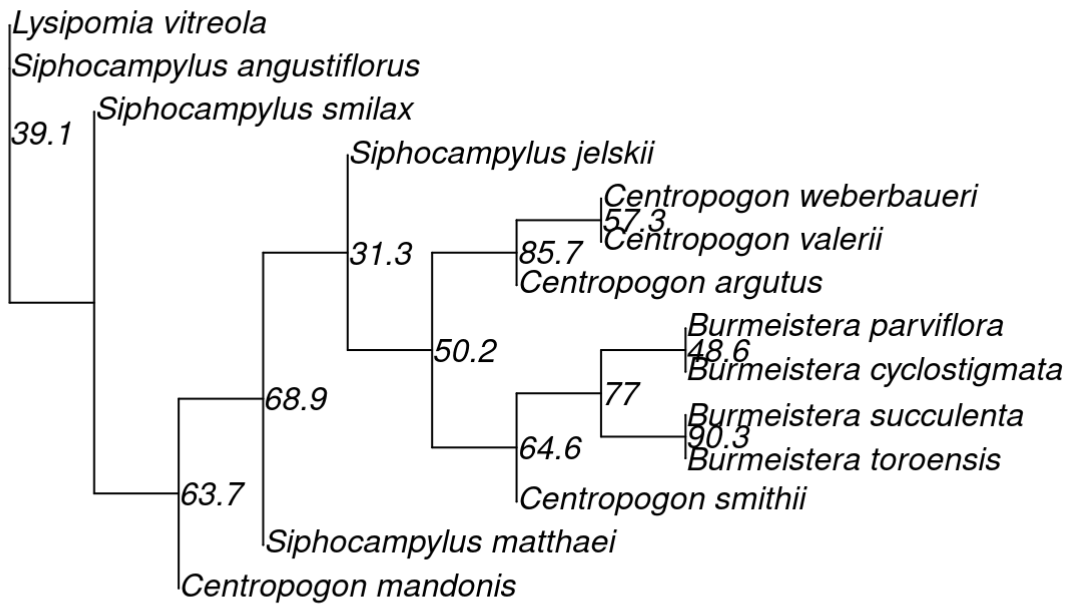
Trees from 353 data

IQTree with partitions



Mr Bayes tree

Trees from SISRS data



Trees from SISRS targets

