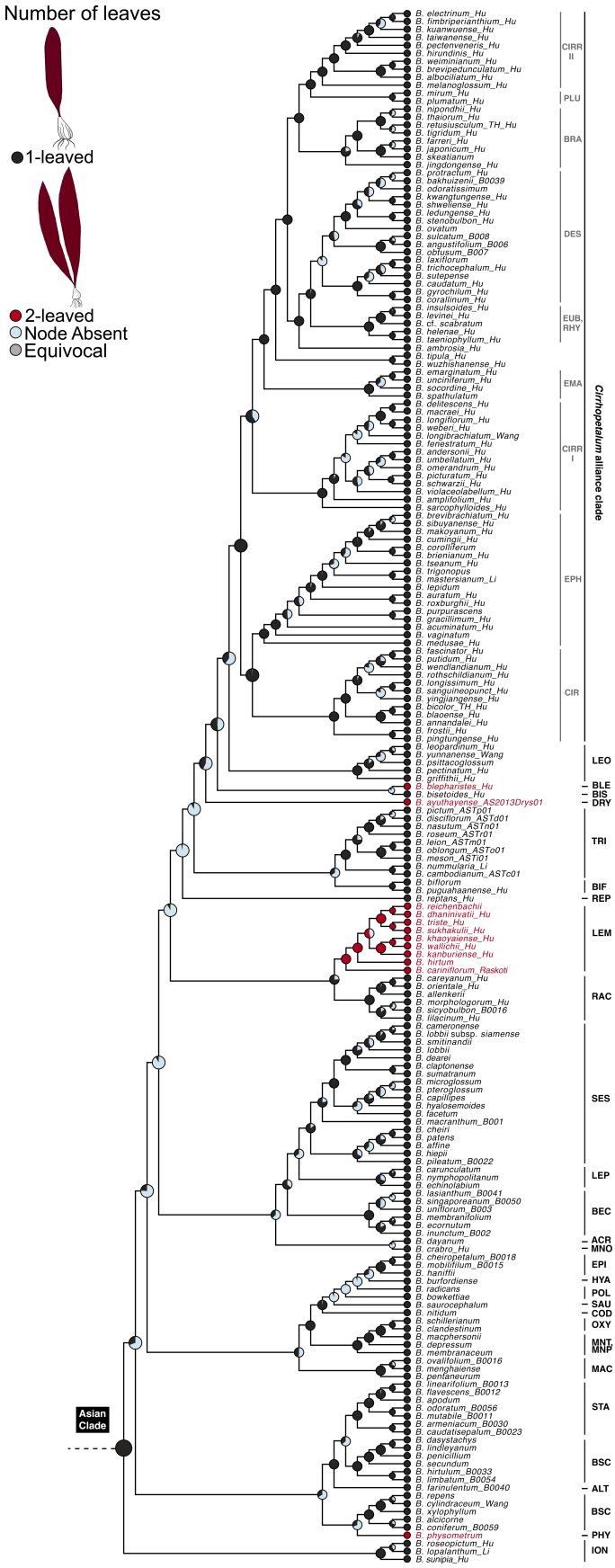
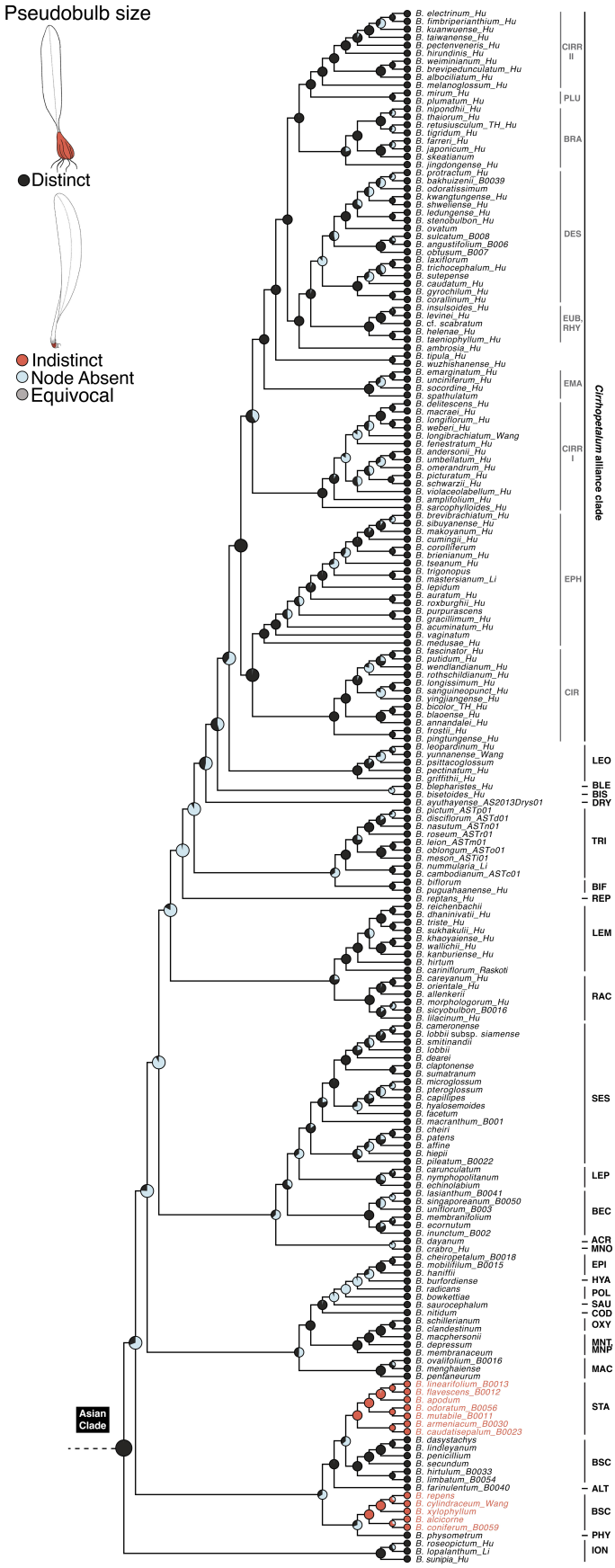
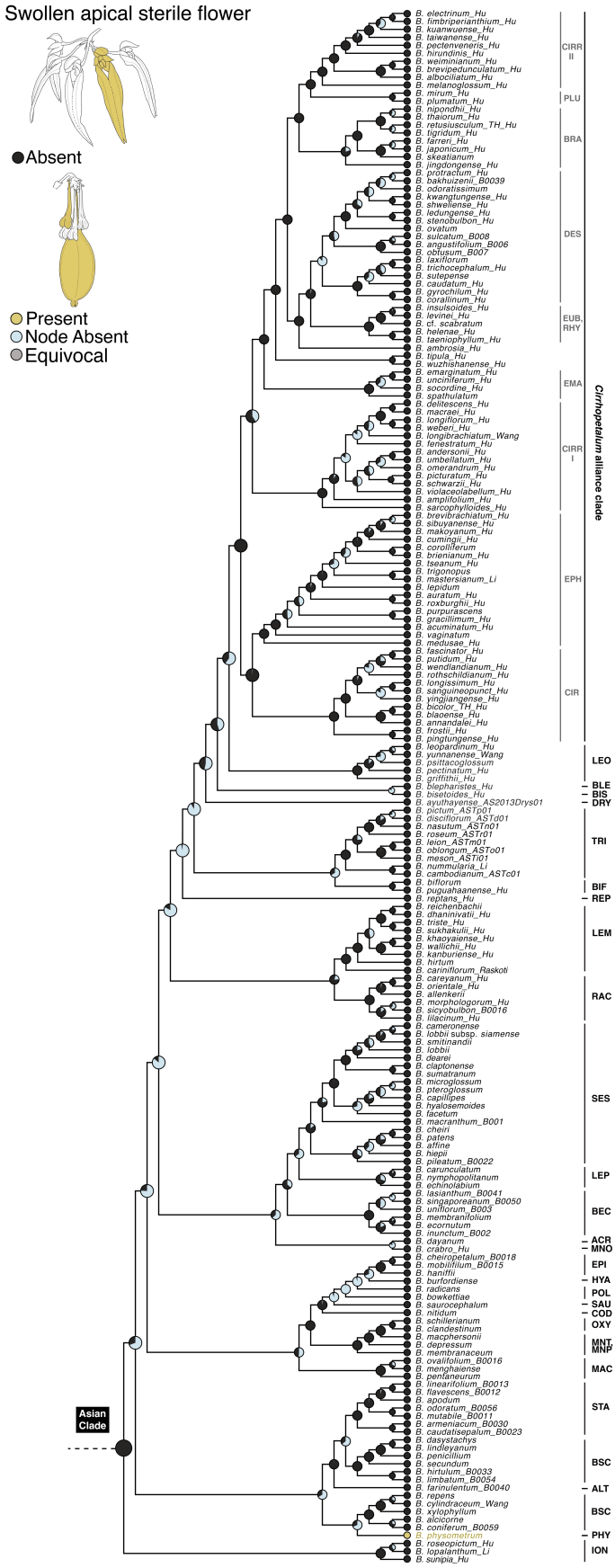
Supplementary file 7 – Ancestral character state reconstruction in the Asian clade of *Bublophyllum* for each character



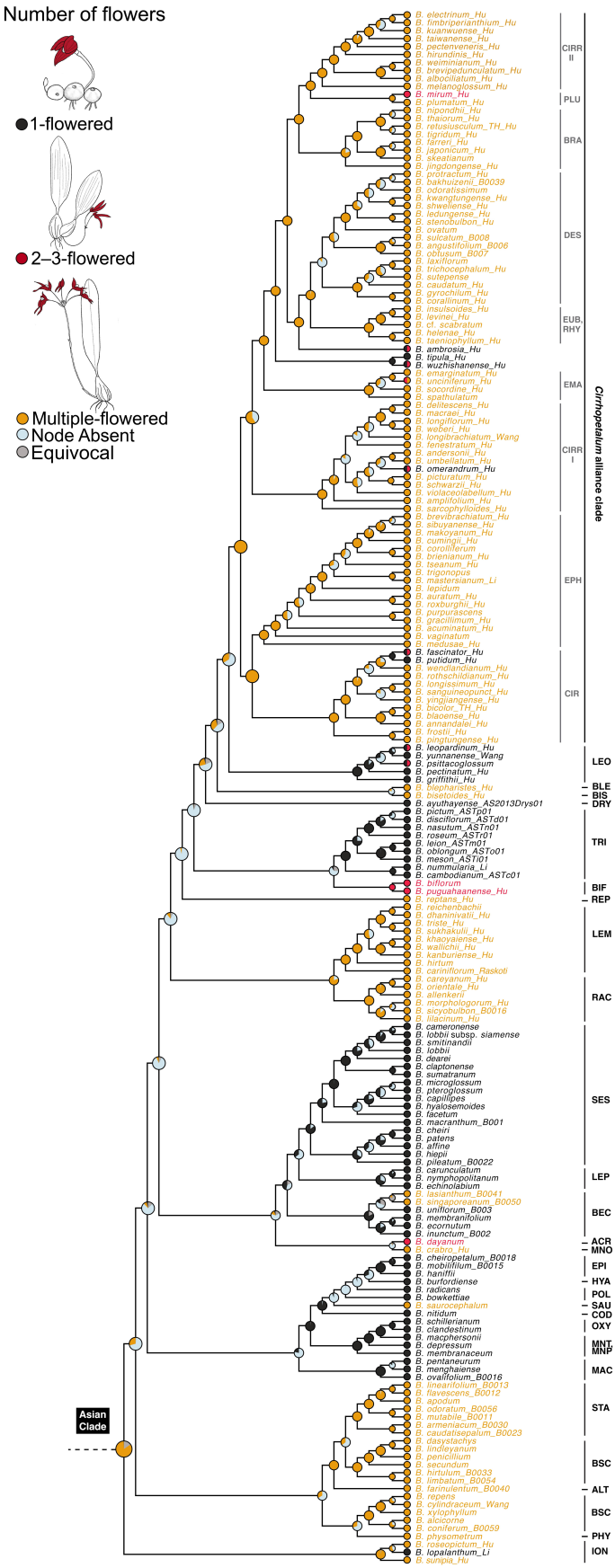
Supplementary file 7.1. Ancestral character state reconstruction of the number of leaves per pseudobulb. Pie charts at each node illustrate parsimony reconstructions states, with black representing 1-leaved pseudobulbs and dark red representing 2-leaved pseudobulbs.



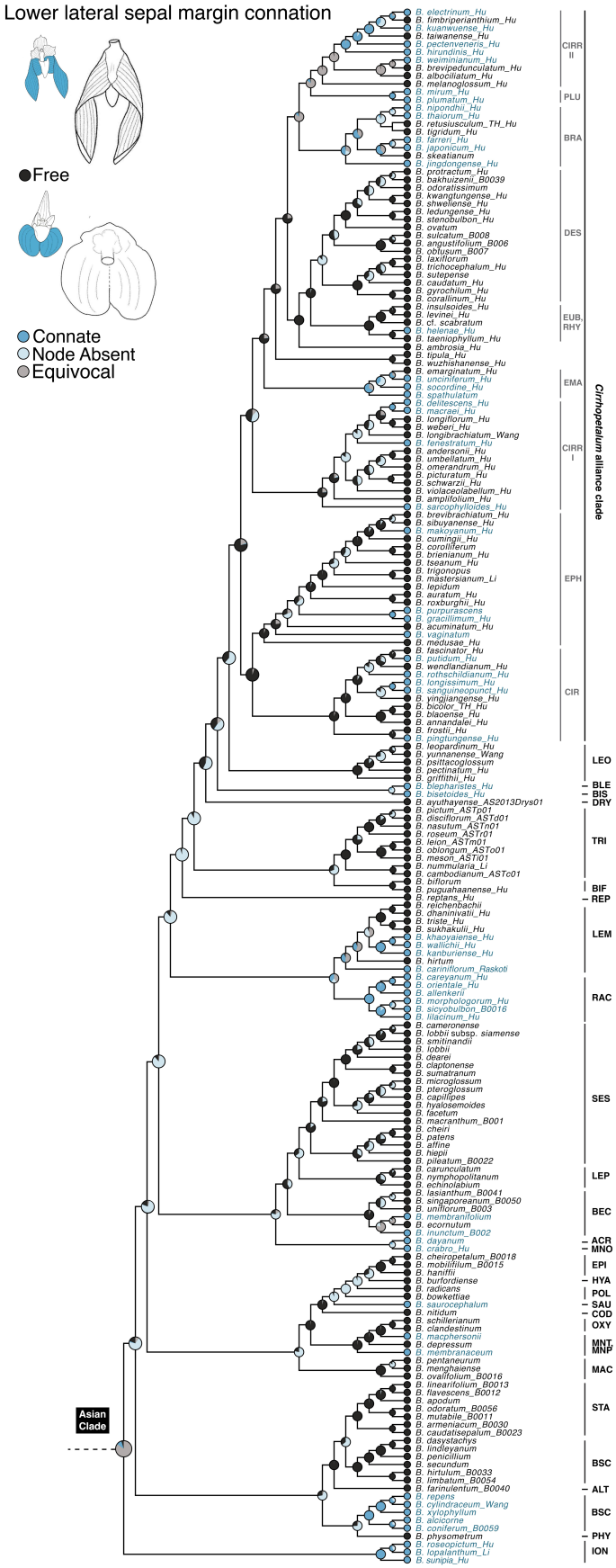
Supplementary file 7.2. Ancestral character state reconstruction of pseudobulb size. Pie charts at each node illustrate parsimony reconstructions states, with black representing distinct and orange representing indistinct states.



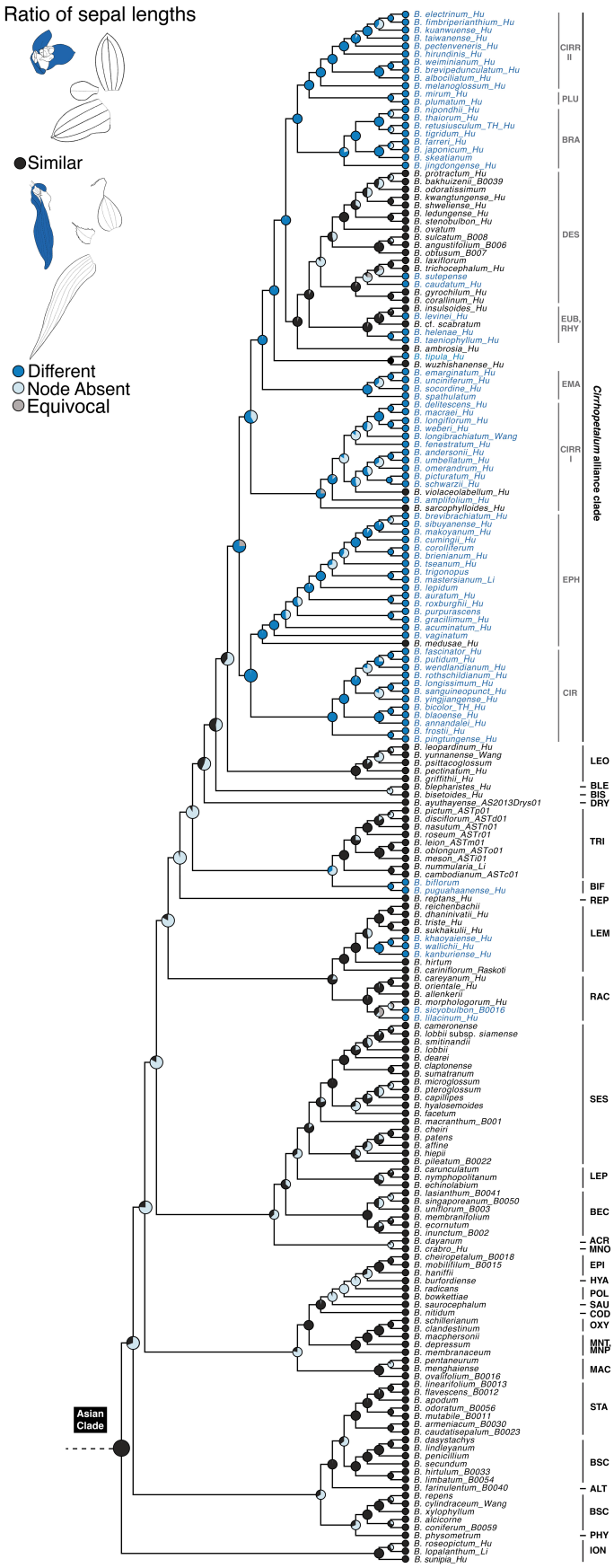
Supplementary file 7.3. Ancestral character state reconstruction of floral dimorphism. Pie charts at each node illustrate parsimony reconstructions states, with black representing monomorphic flowers and yellow representing dimorphic flowers with a swollen ovary.



Supplementary file 7.4. Ancestral character state reconstruction of the number of flowers per inflorescence. Pie charts at each node illustrate parsimony reconstructions states, with black representing 1-flowered phenotypes, red representing 2–3-flowered phenotypes, and yellow representing multiple-flowered inflorescences.



Supplementary file 7.5. Ancestral character state reconstruction for connation of the lower margin of lateral sepals. Pie charts at each node illustrate parsimony reconstructions states, with black representing free-margined and light blue representing connate states.



Supplementary file 7.6. Ancestral character state reconstruction of the ratio of sepal lengths. Pie charts at each node illustrate parsimony reconstructions states, with black representing lateral and dorsal sepals that are similar in size and blue representing lateral and dorsal sepals of different sizes.