

Supplement S2 - Summary of domatium metabarcoding sample sizes

Baker CCM, Martins DJ, Pelaez JN, Billen JPJ, Pringle A, Frederickson ME & NE Pierce (2017). Distinctive fungal communities in an obligate African ant plant mutualism. *Proceedings of the Royal Society B* 20162501. <http://dx.doi.org/10.1098/rspb.2016.2501>

Ant species	Domatia			Leaves	Alates
	Mpala	Kitengela	greenhouse	Mpala	Kitengela
<i>C. mimosae</i>	13	7	3	3	-
<i>C. nigriceps</i>	9	8	8	-	13*
<i>T. penzigi</i>	13	6	2	3	3*

* We extracted from 22 surface sterilized CN alates and 10 surface sterilized TP alates, but were unable to PCR amplify from 11 of these samples. A further 5 samples failed 454 sequencing or returned low 454 sequence counts. Only data from the remaining 13 CN alates and 3 TP alates were used in our analysis.