

## APPENDIX 1. Voucher information. Herbarium acronyms follow Thiers (2017).

Species:	Population:	Voucher (herbarium):
<i>R. lagascae</i>	Aurora Memorial Natural Park, Aurora Prov.	<i>J.R. Callado 382</i> (CANU, PNH)
<i>R. lagascae</i>	Bolos Point, Cagayan Prov.	<i>J.F. Barcelona 3600 with J. Payba, R. Echanique &amp; Tabuc</i> (CAHUP, SIU)
<i>R. lagascae</i>	Burgos, Nueva Ecija Prov.	<i>J.F. Barcelona 4081</i> (PNH)
<i>R. lagascae</i>	Maria Aurora, Aurora Prov.	<i>J.F. Barcelona 4033</i> (PNH)
<i>R. lagascae</i>	Mt. Banahaw, Quezon Prov.	<i>J.F. Barcelona 3819 with P.B. Pelsler</i> (CANU)
<i>R. lagascae</i>	Mt. Irid, Quezon Prov.	<i>J.F. Barcelona 3657 with Joel Sarmiento</i> (CAHUP, SIU)
<i>R. lagascae</i>	Mt. Labo, Camarines Norte/Camarines Sur Prov.	<i>J.F. Barcelona 3849 with P.B. Pelsler</i> (CANU, PNH)
<i>R. lagascae</i>	Mt. Makiling, Laguna Prov.	<i>J.F. Barcelona 3648 with D.L. Nickrent, E. Malinao &amp; R. Brevia</i> (CAHUP, SIU)
<i>R. lagascae</i>	Mt. Malinao, Camarines Sur Prov.	<i>J.F. Barcelona 4046</i> (CANU)
<i>R. lagascae</i>	Mt. Mingan, Aurora Prov.	<i>J.F. Barcelona 3867 with P.B. Pelsler</i> (PNH)
<i>R. lagascae</i>	Mt. Natib, Bataan Prov.	<i>J.F. Barcelona 3563 with L.L. Co</i> (CAHUP, SIU)
<i>R. lagascae</i>	Salazar, Nueva Ecija Prov.	<i>J.F. Barcelona 4055</i> (PNH)
<i>R. manillana</i>	Basey, Samar Prov.	<i>J.F. Barcelona 3734 et al.</i> (CANU, PNH)

FIG. 1. Distribution of all currently known populations of *R. lagascae* and *R. manillana*. Black dots indicate populations that were sampled for this study. Grey dots are populations that could not be sampled. The dotted line indicates the approximate position of the Guinyangan fault (Besana and Ando 2005) and marks the area where the Bicol Peninsula connects with mainland Luzon. Faint dotted lines indicate provincial boundaries

FIG. 2. Flowers of the three *Rafflesia* taxa identified in this study. A. *R. lagascae* s. s. B. Mt. Labo *R. lagascae*. C. *R. manillana*

FIG. 3. K = 3 STRUCTURE results for the *R. lagascae* complex. Each bar represents an individual plant and bar colors indicate the proportion of membership to each genetic cluster ( $q$  values). Individuals are grouped by population. ANMP: Aurora Memorial Natural Park.

FIG. 4. The PCoA ordination of the *R. lagascae* complex using a covariance matrix of co-dominant genotypic pairwise distances between individual samples with data standardization. The first and second PCoA axes explain 15.5% and 8.6% of the variation respectively. ANMP: Aurora Memorial Natural Park

FIG. 5. STRUCTURE results for *R. lagascae* s. s. Each bar represents an individual plant and bar colors indicate the proportion of membership to each genetic cluster ( $q$  values). Individuals are grouped by population. A. K = 2. B. K = 8. Only the major clustering pattern is shown. ANMP: Aurora Memorial Natural Park