

Table S2. Morphological comparison between *Caryodaphnopsis* minutiflora and other six *Caryodaphnopsis* species.

Character	<i>C. minutiflora</i>	<i>C. bilocellata</i>	<i>C. metallica</i>	<i>C. baviensis</i>	<i>C. cangyuanensis</i>	<i>C. henryi</i>	<i>C. poilanei</i>
Young branch pubescence	Glabrescent	Glabrous	Glabrous	Glabrous	Glabrescent	Glabrescent	Glabrous
Leaf pubescence	Glabrous	Glabrous	Glabrous	Glabrous	Glabrescent	Glabrous	Glabrous
Fruit pubescence	Glabrous	Glabrous to glabrescent	Unknown	Glabrous to glabrescent	Glabrous to glabrescent	Glabrous to glabrescent	Glabrous
Anther locules	4-celled	2-celled	4-celled	4-celled	4-celled	4-celled	4-celled
Outer tepals pubescence	Abaxially: glabrescent; adaxially: glabrescent	Abaxially: glabrescent; adaxially: glabrescent	Abaxially: glabrous; adaxially: densely pubescent	Abaxially: glabrous; adaxially: densely pubescent	Abaxially: glabrescent; adaxially: glabrescent	Abaxially: glabrescent; adaxially: glabrescent	Unknown
Inflorescence size (cm)	4.2 – 15(– 20)	5 – 15	Up to 10	5 – 15	2.1 – 3	4 – 7	7
Fruit shape	Pyriform	Pyriform	Unknown	Ellipsoid	Pyriform	Globose	Ellipsoid
Fruit size (cm)	2.0 – 3.5 × 2.0 – 3.6	6 – 9 × 4 – 6	Unknown	6.5 × 4	2.5 – 3 × 3	2.5 × 2.5	5 × 3.5