



深圳槭——中国槭树科一新种

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摘要: 描述广东省深圳市马峦山发现的槭树科一新种 *Acer shenzhenensis* R. H. Miao, X. M. Wang et J. S. Liang。该种与亮叶槭 *Acer lucidum* Metc. 接近, 但本种叶顶端尾状渐尖, 叶柄长达 3 cm, 小脉发育, 两面网脉清楚, 果翅直立, 两翅宽 1.2~1.5 cm, 翅内弯, 相叠, 易与后者区别。

关键词: 槭树科; 槭树属; 深圳槭; 深圳市; 新种

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A New Species of *Acer* (Aceraceae) from Southern China

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Abstract: *Acer shenzhenensis* R. H. Miao, X. M. Wang et J. S. Liang is described as a new species from Maluan Mountain, Shenzhen of Guangdong Province in China. It is related to *A. lucidum* Metc. in having obvious trinervis, but differs by leaf apex caudate acuminate, with a mucro 1~1.3 cm long, pedicel 2~3 cm long, wings erect, folding, and incurved, and lateral veins obvious, etc.

Key words: *Acer*; *Acer shenzhenensis*; Shenzhen of Guangdong Province in China, new species

Acer shenzhenensis R. H. Miao ex X. M. Wang et J. S. Liang, **sp. nov.** (Fig. 1).

Typus: China, Guangdong Province, Shenzhen City; Meishajian of Maluan Mountain, June 30, 2003, J. S. Liang 1064 (Holotypus! SYS); This species is thin growth in the evergreen broadleaf forest of valley, the altitude 300~360 m.

Species *Acer lucido* Metc. affinis, sed foliis apice acuminatis caudatibus, petiolis ad 3 cm longis, venulibus reticulatis evidentibus, utrinque manifestis, alis samararum erectis, inflexis, obvolutis differt.

A small evergreen tree, 5~6 m high; bark rough, light yellow-brown; branchlets glabrous, an-

nual twig usually aris, biennial twigs brown, usually with light yellow, sub-circular lenticel. Leaves opposite, simple; petiole gracile, yellow-brown, 2~3 cm long, sometimes up to 4.5 cm; leaf-blades thin coriaceous, ovate lanceolate to long elliptic or ovate elliptic, 4.5~7.5 (~9) cm long, 2~3.5 cm wide, apex caudate acuminate, with a mucro 1~1.3 cm long, base rounded cuneate, margin entire, glabrous on both surfaces; trinervious, with the midrib distinct above surface, and raised beneath, lateral veins 4~6 pairs, obvious, the reticulate veins clear on both surfaces. Flowers unknown. Samara purple yellowish-brown, fruit wings erect, incurved and folded, 1.2~1.8 cm long, 0.5~0.8 cm wide. Fr.

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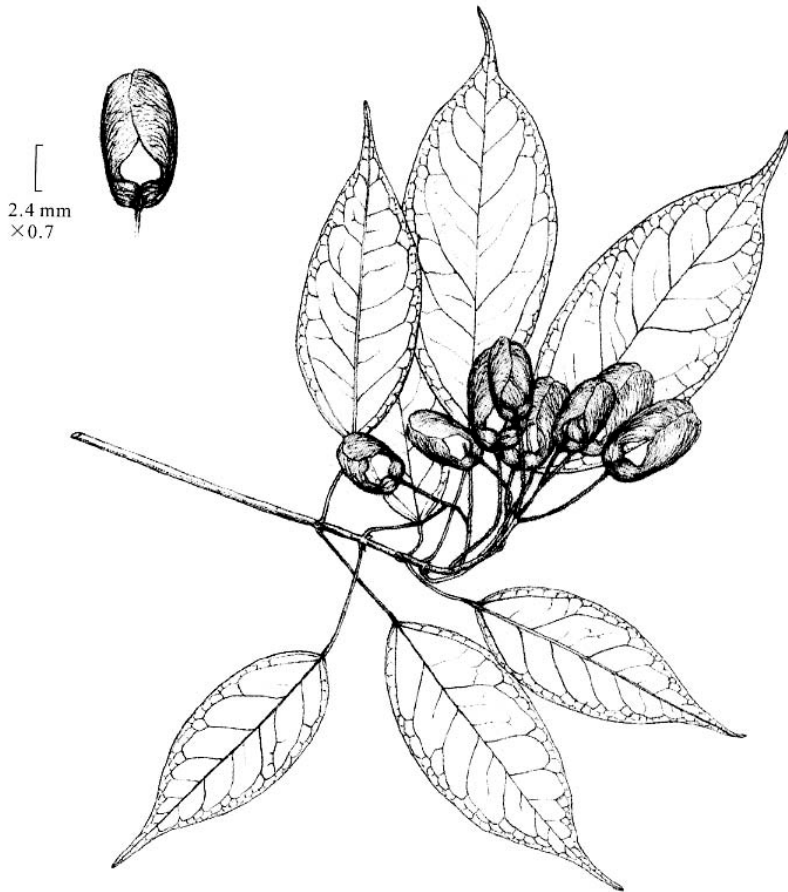


Fig. 1 *Acer shenzhenensis* R. H. Miao, X. M. Wang et J. S. Liang, sp. nov.
1. Fruit branch and fruit inflorescence; 2. Fruit with folding, erection ala, turn inward
(Drawn by Liu Yun-xiao, 刘运笑绘)

The new species^[1~3] is close to *A. lucidum* characters listed in the Table 1. Metc. ; but can be easily distinguished by charac-

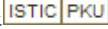
Table 1 Differences between *Acer shenzhenensis* and *A. lucidum*

Characters	<i>A. shenzhenensis</i>	<i>A. lucidum</i>
Leaf apex	Caudate acuminate, with a mucro 1~1.3 cm long	Acuminate or obtuse
Pediceal length	2~3 cm	1~1.5 cm
Lateral veins	Obvious bulge	Only underside obvious
Reticulate veins	Clear on both surfaces	Not clear
Samara	Fruit wings erect, folding, incurved	Fruit wings open on an acute angle

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