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柔毛赤车，广西荨麻科一新种

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摘要：描述了自广西西南部发现的荨麻科(Urticaceae)赤车属(*Pellionia*)一新种，柔毛赤车(*P. mollissima*)。此种的特征是其瘦果具短线纹和瘤状突起，据此果实特征，可将此种与赤车属的其他种相区别。

关键词：荨麻科，赤车属，新种，广西

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Pellionia mollissima, a new species of Urticaceae from Guangxi

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Abstract: A species of the genus *Pellionia* (Urticaceae), *P. mollissima*, is described as new from Southwest Guangxi. This species is characterized by its lineolate and tuberculate achenes, and by this unique fruit character it may be distinguished from all the other species of *Pellionia*.

Key words: Urticaceae, *Pellionia*, new species, Guangxi

柔毛赤车 图 1

Pellionia mollissima W. T. Wang, sp. nov. Fig. 1.

Species nova haec acheniis longitudinaliter lineolatis et minutissime tuberculatis insignis est, secundum fructus characterem hunc a speciebus omnibus ceteris generis *Pellioniae* diffeet, etiam foliis utrinque densissime puberulis a speciebus sinensibus ceteris generis hujus recedit.

Perennial herbs, turns black when drying. Stems ca. 65 cm tall, near base 6 mm across, above densely puberulous (with hairs 0.2 mm long), below glabrous and longitudinally shallowly 10-sulcate. Leaves sessile; blades thin papery, obliquely oblanceolate or long elliptic, 13-17 cm long, 2-4.8 cm broad, apex long acuminate,

base at leaf narrow side long attenuate and at broad side obtuse or auriculate, margin denticulate; surfaces adaxially and abaxially very densely puberulous (with hairs 0.2-0.5 mm long); venation semi-triplinerved, with lateral nerves 3 at leaf narrow side, 5 at broad side; cystoliths dense, bacilliform, 0.2-0.5 mm long; stipules membranous, narrow-lanceolate or linear, 9-11.5 mm long, 2-2.8 mm broad, abaxially puberulous. Staminate cymes unknown. Infructescences singly axillary, small, ca. 3 mm long and broad, sessile, below from base very shortly 4-branched; bracts sessile, ovate, narrow-ovate or narrow-lanceolate, 0.5-0.6 mm long, 0.2-0.35 mm broad, brown, glabrous, apex acute or attenuate. Pistillate flower 5-merous, not seen; persistent tepals 5,

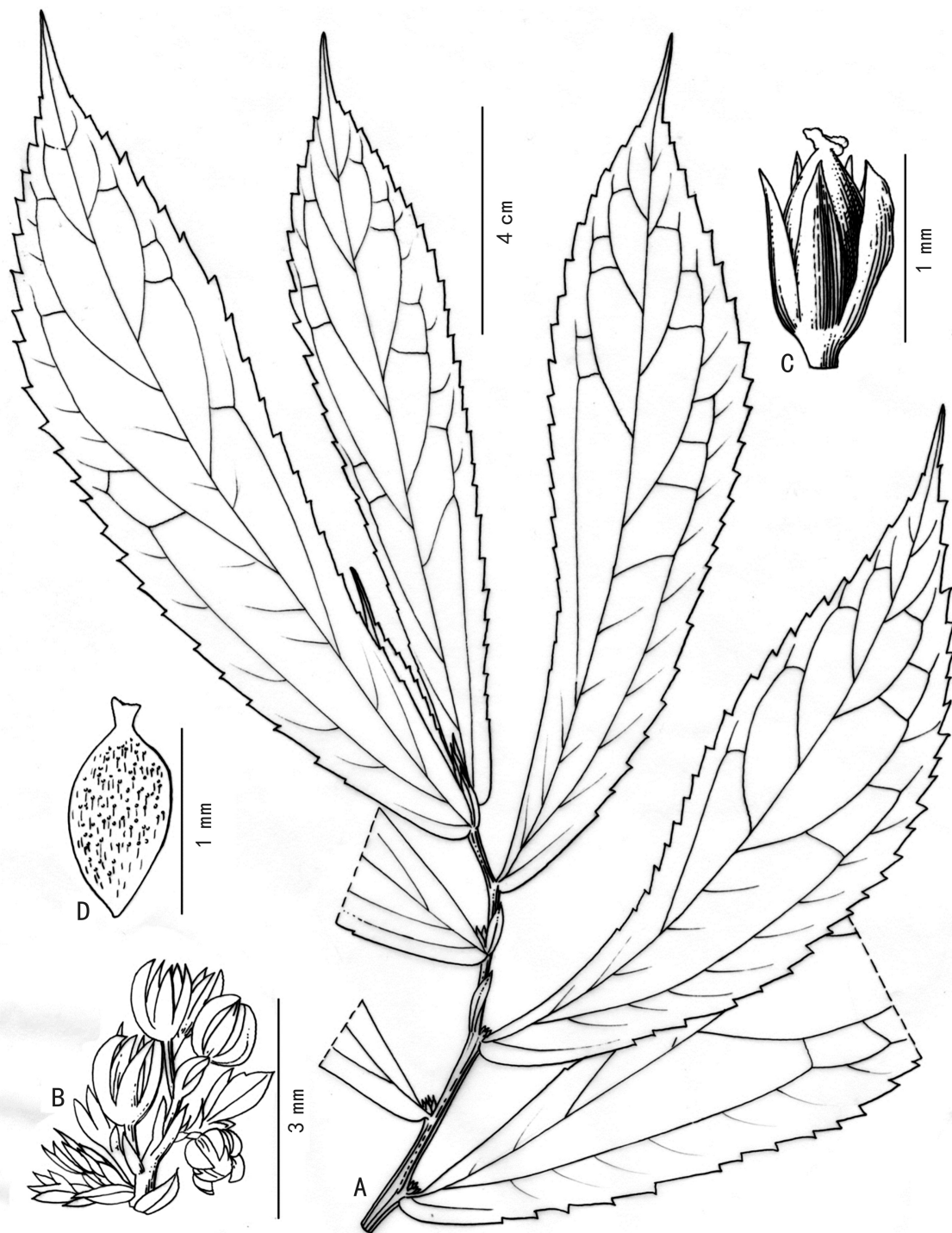


图 1 柔毛赤车 A. 雌茎上部; B. 果序; C. 宿存花被片和瘦果; D. 瘦果。(来自模式标本)

Fig. 1 *Pellionia mollissima* A. Upper part of pistillate stem; B. Inflorescence; C. Persistent tepals and achene; D. Achene. (from holotype)

lanceolate-linear or narrowlanceolate, 0.7–1.5 long, 0.3–0.4 mm broad, brown, at the middle part dark-brown, glabrous, apex acute. Achenes bilaterally compressed, biconvex, broad-elliptic, ca. 1 mm long, 0.6 mm broad, longitudinally lineolate and very minutely tuberculate,

brown, apex with white membranous remnants of stigma ca. 0.2 mm long.

多年生草本, 当干燥时变为黑色。茎高约 65 cm, 近基部粗 6 mm, 上部密被短柔毛(毛长 0.2 mm), (下转第 151 页 Continue on page 151)