

## 黔南石灰岩植物区系的新种

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### New Species from the Limestone Flora of South Guizhou

#### 1. 荔波连蕊茶, 新种

*Camellia lipoensis* Chang et Xu, sp. nov.

Subgen. *Metacamellia* Chang, Sect. *Theopsis* Coh. St., Ser. *Cuspidatae* Chang

Species *C. buxifoliae* Chang Similis, sed foliis longi-ovatis tantum 6-10 mm latis, petalis 6 margine pubescentibus, stylis apice 2-fidis distincta.

Fructex 4 m altus, ramulis sparse pubescentibus. Folia coriacea longi-ovata, 2-3.2 cm longa 0.6-1 cm lata, apice caudata, basi late cuneata, supra atrovirentia glabra, subtus prasina ad basin costae puberula excepta glabra, costis supra leviter impressis subtus conspicuis, nervis lateralibus inconspicuis, margine supra media serrulata, dentibus circa 1 mm longis 2-3 mm distantibus, petiolis 1-1.5 mm longis sparse puberulis. Flores terminalis vel axillares, pedicellis 2 mm longis; bracteis 4, late ovatis 1 mm longis ciliatis; sepalis 5 late ovatis 2 mm longis ciliatis; petalis 6 albi cum ruberis nervis basi connatis, late ovatis 7-11 mm longis, margine ciliatis. Staminibus 4-8 mm longis praeter basicum petalis circa 2 mm connatis liberis glabris; antheris ovatis circa 1 mm longis. Ovariis glabris, stylis 5-10 mm longis glabris apice 2-fidis. Capsula non-visa.

#### 2. 石山旌节花, 新种

*Stachyurus calcareus* Chang et Xu, sp. nov.

Species affinis *S. oblongifolio* Wang et Tang, sed foliis persistentibus, amplioribus, basi rotundatis vel parce cordatis, subtus in sicco cerinis, spicis longioribus distincta.

Frutex; ramulis griseo-brunneis, glabris. Folia persistentia, crasso-coriacea, oblonga vel rotundata, 6-8 cm longa 4.5-5.5 cm lata, apice breviter acuminata

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vel obtusa, basi rotundata vel subcordata, margine porphyreo-callosa-setulata, leviter revoluta, utrinque glabra, supra viridia subtus cerina, costis supra prominulis subtus multo prominentibus, nervis lateralibus utrinsecus 7-8 praeter margineum comptodromis et anastomoantibus, utrinque plus minusve prominentibus, petiolis 1-1.2 cm longis. Spica pedunculis circiter 1 cm longis 5-7 cm longa, bracteis glabris, triangulis, callosis, 2 mm longis. Sepala 4, glabra, ovata, 3 mm longa 2 mm lata, apice obtusa. Petala 4 glabra, obovata fere 5 mm longa 3 mm lata. Stamina aequalia circiter 2 mm longa. Ovarium villosum. Fructus subglobosus breviter rostratus, breviter pedicellatus, juventute ad basim albivillosus, 3 mm longus 2.5 mm diam.

### 3. 贵州紫珠, 新种

*Callicarpa guizhouensis* Chang et Xu, sp. nov.

Species affinis *C. salicifoliis* Pei et W. Z. Fang, sed foliis basi angusticuneatis, subtus non nigriglandulosis, dense canopuberulis, petiolis longioribus, pedunculis longioribus differt.

Frutex circiter 2 m altus. Ramuli subteres, juventute fuscipuberuli, annotinico-puberuli, tarde glabrescentes, albo-lenticellati. Folia lanceolata, 5.5-12 cm longa 1-2.3 cm lata, apice acuminata vel caudata, caudis ad 2 cm longis, basi angusticuneata, supra in costis puberula excepta glabra, subtus cano-puberula, integra vel subintegra, petioli 1-1.5 cm longi. Cymae trichotomae, pedunculis 0.8 cm longis albo-puberulis. Fructus cir. 1.5 mm diam. purpurei glabri.

### 4. 石山新木姜, 新种

*Neolistea calcicola* Xu, sp. nov.

Species affinis *N. auratae* (Hay.) Koidz., sed foliis juventute utrinque dense alutaceo-sericeis, adulte glabrescentibus subtus glaucis parcepilosis, pilis nigrescentibus perdurantibus, racemo ad 2 cm longo umbellulis 6 formato differt.

Arbor ad 10 m alta; cortice brunneolo; ramulis juvenalibus dense alutaceo-sericeis. Folia persistentia, alterna vel ad apicem ramorum verticillatim approximativiter superposita, longo-obovata, 15-20 cm longa 4-5 cm lata, apice caudata cuneata, coriacea nitida, juventute utrinque dense alutaceo-sericea margine aurata, adulte glabrescentia subtus parce nigrescentibus perdurantia glauca, triplinervia, venis 2 prioribus e basi 1.5-2 cm enatis, costis venisque supra prominulis subtus prominentibus, petiolis 1.5-2 cm longis glabris. Racemus ad 2 cm longus umbellulis 6 formatus ad internodium crescens; umbellulo floribus 5 formato; pedunculo umbellulae 1 mm longo, racemi 1 cm longo, omnino dense alutaceo-pubescenti. Bractee suborbiculares, extra dense aurato-pubescentes nitidae intar glabrae. Flores feminei pubescentes, pedicellis 5 mm longis; limbis perianthium 4 alterne oppositis, ellipticis, cir. 3 mm longis 2 mm latis, extra in costis alutaceo-pubescentibus intra glabris; staminodiis 6 clavatis glabris. Fructus juvenales glabri stipitates, stipitibus cir. 5 mm longis pubescentibus.

### 5. 黔南鼠李, 新种

*Rhamnus chiennanensis* Xu, sp. nov.

Species affinis *R. procombenti* Edgew., sed foliis coriaceis, margine subintegris, valde revolutis, petiolis longioribus, drupis subpyriformibus, seminibus dorso sulco longitudine  $4/5$  seminis partes aequante inferne latiore superne angustiore differt.

Frutex 2 m altus, inermes; ramuli juventute pubescentes, vetustiores glabrescentes cinerei, cortice minute lenticello. Folia alterna, sempervirentia, coriacea, minima ovata vel subrotundata, 0.8-1.8 cm longa 0.6-1 cm lata, maxima obovata vel elliptica, 2.5-3.5 cm longa 0.8-1.3 cm lata, apice obtusa vel brevissime acuminata, basi cuneata, margine in sicco valde revoluta, subintegra vel prope apicem brevissime denticulata, glabra, supra viridia, subtus ex luteo viridia; costa supra parce impressa, subtus valde prominens, nervis lateralibus utrinsecus 5-7, supra sparse impressis, subtus sparse prominentibus, venulis obscuris; petioli 5 mm longi, stipulis subacerosis, persistentibus. Drupa singulariter axillaris, 3-nucleata, subpyriformis, cir. 5 mm longa, 4 mm crassa, purpurea, stipite 5-7 mm longo parce pubescente. Semina 3, obovata, dorso sulco longitudine circiter  $4/5$  seminis partes aequante inferne latiore superne angustiore apertoinstructa.

### 6. 张槭, 新种

*Acer changii* Xu, sp. nov.

Species peraffinis *A. pubipetiolato* Hu et Cheng, sed foliis apice longicaudatis, caudis ad 2 cm longis, integris, petalis membranaceis, ovariis dense flavido tomentosis differt.

Arbor decidua ad 7 m alta, trunco 15 cm diametro, cortice obscure brunneo. Ramuli tenues teretes, juvenales dense aurati-tomentosi, annotini brunneo-tomentosi vetustiores glabri viridi-brunnescentes. Folia chartacea juventute supra dense albi-tomentosa, subtus dense aurati-tomentosa, adulte supra glabrescentis subtus ad costam dense pubescentia excepta parce pubescentia, longi-elliptica 9-12 cm longa 3-4 cm lata, apice longicaudata, caudis ad 2 cm longis, basi subrotundata, margine integra, supra obscure brunnea subtus brunneo-viridia; costa media utrinque prominens, nervis lateralibus 7-9-jugis prope marginem anastomosantibus, venulis apparenter retinervibus; petiolus cir. 1 cm longus, tomentosus. Inflorescentia corymbosa pedunculo 1.5 cm longo incluso cir. 3.5 cm longa, terminalia, dense e sparse flavido albi-tomentosa. Flores andromonoecii, pedicellis gracillimis 5-10 mm longis pubescentibus; sepala 5 viridipurpurascencia, ovata vel oblonga, 2-3 mm longa fere 2 mm lata, apice obtusa, dense pubescentia; petala 5, membranacea, e aurantio alba, obovata, sepalis breviora, cir. 1 mm lata, glabra; stamina 8 petalis longiora, filamentis pubescentibus, antheris ovoideis; discus crassus, repandus, extrastamineus, glaber; ovarium dense flavido-tomentosum, stylo tenui, pubescente, ad 3.5 mm longo, bifido, stigmatibus revolutis. Nuculae juvenales dense pubescentes.