

壳斗科植物摘录 (III)

黄成就

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NOTES ON FAGACEAE (III)

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关键词 壳斗科

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壳斗科 FAGACEAE

柯属 *Lithocarpus* Bl.

细柄柯 细柄石栎

Lithocarpus collettii (Hook. f.) A. Camus, Chênes Atlas 3, Expl. pl. 117. 1948 et Texte 3: 1025. 1954.

Quercus spicata var. *collettii* Hook. f. Fl. Brit. Ind. 5: 610. 1888: King in Ann. Roy. Bot. Gard. Calc. 2: 49. pl. 42. f. 5-6. 1889.

Quercus collettii King mss.

Lithocarpus gracilipes sensu Huang et Y. T. Chang in Fl. Xizang. 1: 491. f. 154(1-3). 1983. non Miquel.

栎属 *Quercus* L.

南青冈 滇南青冈 (中国树木志)

*Quercus austro-glauc*a (Y. T. Chang) Y. T. Chang in Ic. Corm. Sin. Suppl. 1: 120. 1982, comb. nov.

*Cyclobalanopsis austro-glauc*a Y. T. Chang in Acta Bot. Yunnan. 1(1): 147, f. 2(1). 1979: Sylva Sinica 2: 2323, f. 1168(1-2). 1985.

墨毛青冈

Quercus breviradiata (Cheng) Huang in Ic. Corm. Sin. Suppl. 1: 119. 1982, comb. nov.

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Cyclobalanopsis breviradiata Cheng in Acta Bot. Yunnan. 1: 146, f. 1(1). 1979. et in Sylva Sinica 2: 2319, f. 1175(5-7). 1985. *Quercus kwai* Cheng in Sci. Shanghai 23(8): 247. 1950, nom. nud.

小枝青冈

Quercus ciliaris Huang et Y. T. Chang in Ic. Corm. Sin. Suppl. 1: 120. 1982. nom. nov.

Quercus glauca Thunb. f. *gracilis* Rehd. et Wils. in Sarg. Pl. Wils. 3: 228. 1916 non *Quercus gracilis* Lange 1865, nec Korth.; *Q. gracilis* (Rehd. et Wils.) Wuzhi in Fl. Hupeh. 1: 116. f. 133 1976.

Cyclobalanopsis gracilis (Rehd. et wils.) Cheng et Hong in Sci. & Silvae 8: 11. 1963; Qi & Sun in Journ. Central-South Forest. Coll. 7(1): 11. 1987.

大明山青冈

Quercus daimingshanensis (S. Lee) Huang, comb. nov.

Cyclobalanopsis daimingshanensis S. Lee in Acta Bot. Yunnan. 1: 147. f. 1(3). 1979; Sylva Sinica 2: 2322, f. 1162(9). 1985.

凸脉青冈

Quercus elevaticostata (Zheng) Huang, comb. nov.

Cyclobalanopsis elevaticostata Zheng in Acta Phytotax. Sin. 17(3): 118. 1979.

粉背青冈

Quercus hypargyrea (Seem.) Huang et Y. T. Chang in Ic. Corm. Sin. Suppl. 1: 121. 1982. comb. nov.

Quercus glauca Thunb. var. *hypargyrea* Seem. ap. Diels in Bot. Jahrb. 29: 293. 1900; A. Camus, Chênes 1: 272. 1938.

Q. salicina Bl. var. *orgyalis* Hand.-Mazz. in Sitzgsanz. Akad. W. W., 130. 1925 et Symb. Sin. 7: 51. 1929.

Cyclobalanopsis multinervis Cheng et Hong in Sci. Silvae 8(1): 10. 1963; Fl. Fujian. 1: 407. 1982; Sylva Sinica 2: 2313. 1985.

Cycl. yunshanensis Cheng et Hong, nom. nud.?

Cycl. argyalis (Hand. -Mazz.) Qi. List Hunan Fl. 199. 1986.

海南青冈

Quercus hainanica Huang et Y. T. Chang in Ic. Corm. Sin. Suppl. 1: 123. 1982. nom. nov.

Quercus insularis Chun et Tam 1965. non Borzi 1911.

Cyclobalanopsis litoralis Chan et Tam, non *Quercus litoralis*, non *Quercus litoralis* Bl.: Hsu et Jen in Acta Phytotax. Yunnan. 1(1): 147. 1979.

见于海南省西南部山区。徐、任未按国际植物命名法规的有关规定，另立模式，应属无

效(见《云南植物研究》1(1):147.1979)。

金平青冈

Quercus jinpinensis (Hsu et Jen) Huang, comb. nov.

Cyclobalanopsis jinpinensis Hsu et Jen in Acta Phytotax. Sin. 14(2): 85. 1976.

徐江青冈

Quercus kiukiangensis (Y. T. Chang) Y. T. Chang in Ic. Corm. Sin. Suppl. 1: 120. 1982, comb. nov.

Cyclobalanopsis kiukiangensis Y. T. Chang in Acta Phytotax. Sin. 14(2): 85. 1976; Fl. Yunnan. 2: 325, f. 101 (1—3). 1979; Fl. Xizang. 1: 498, f. 158(9—11). 1983; Sylva Sinica 2: 2323. f. 1172 (6—9). 1985.

龙迈青冈

Quercus lungmaiensis (Hu) Huang et Y. T. Chang in Ic. Corm. Sin. Suppl. 1: 121. 1982, comb. nov.

Cyclobalanopsis lungmaiensis Hu in Acta Phytotax. Sin. 1(2): 154. 1951; Fl. Yunnan. 2: 328, f. 99(5—6). 1979; Sylva Sinica 2: 2301. 1985.

梅花山青冈

Quercus meihuashanensis (Zheng) Huang, comb. nov.

Cyclobalanopsis meihuashanensis Zheng in Acta Phytotax. Sin. 17(3): 119. 1979.

宁冈青冈

Quercus ningangensis (Cheng et Hsu) Huang, comb. nov.

Cyclobalanopsis ningangensis Cheng et Hsu in Acta Bot. Yunnan. 1(1): 146. 1979.

那坡青冈

Quercus pachyloma Seem. var. *mubianensis* (Hsu et Jen) Huang, comb. nov.

Cyclobalanopsis pachyloma (Seem.) Schoot. var. *mubianensis* Hsu et Jen in Acta phytotax. Sin. 14(2): 84. 1976.

屏边青冈

Quercus pinbianensis (Hsu et Jen) Huang et Y.T. Chang in Ic. Corm. Sin. Suppl. 1: 116. 1982, comb. nov.

Cyclobalanopsis pinbianensis Hsu et Jen in Acta phytotax. Sin. 14(2): 84. f. 14(2). 1976; Fl Yunnan. 2: 320. 1979; Sylva Sinica 2: 2318, f. 1171 (3—5). 1985.

拟半齿青冈

Quercus semiserratoides (Hsu et Jen) Huang et Y. T. Chang in Ic. Corm. Sin. Suppl. 1: 115. 1982, comb. nov.

Cyclobalanopsis semiserratoides Hsu et Jen in Acta phytotax. Sin. 14(2) : 84, f. 14. 1976; Fl. Yunnan. 2 : 319, f. 94(5—6). 1979; Sylva Sinica 2 : 2317. 1985.

西畴青冈

Quercus sichourensis (Hu) Huang et Y. T. Chang in Ic. Corm. Sin. Suppl. 1 : 121. 1982. comb. nov.

Cyclobalanopsis sichourensis Hu in Acta Phytotax. Sin. 14 : (2) : 77. 1976; Fl. Yunnan. 2 : 310, f. 95(1—3). 1979; Synica Silva 2 : 2293, f. 1158(6—8). 1985.

薄斗青冈

Quercus tenuicupula (Hsu et Jen) Huang. comb. nov.

Cyclobalanopsis tenuicupula Hsu et Jen in Acta Bot. Yunnan. 1 : 147. f. 2(2). 1979; Sylva Sinica 2 : 2292, f. 1157(4—6). 1985.

毛脉青冈

Quercus tomentosinervis (Hsu et Jen) Huang, comb. nov.

Cyclobalanopsis tomentosinervis Hsu et Jen in Acta phytotax. Sin. 14(2) : 84, f. 14(3). 1976; Fl. Yunnan. 2 : 321, f. 99(7—9). 1979; Sylva Sinica 3 : 2310, f. 1172(1—5). 1985.

思茅青冈

Quercus xanthotricha A. Camus, Chenes 1 : 293. 1938, Atlas Pl. 2 : 227, f. 9—15. 1936; Ic. Corm. Sin. Suppl. 1 : 120. 1982.

Quercus fuhsingensis Y. T. Chang in Acta Phytotax. Sin. 11 : 157. 1966.

Cyclobalanopsis fuhsingensis (Y. T. Chang) Y. T. Chang in Acta Phytotax. Sin. 14(2) : 79. 1976; Fl. Yunnan. 2 : 323. 1979; Sylva Sinica 2 : 2324. 1985.

拟薄片青冈 新种

Quercus lamelloides Huang. sp. nov.

Subgen. *Cyclobalanopsis* (Oerst.) Schneid.

Arbor alta. Gemmae obovatae 14—18 mm altae et 8—11 mm latae. apice subacutae. squamis pilis griseo-albis sericeis adpressis tectae. Folia elliptica vel longe elliptica. 15—30 cm longa vel longiora. subtus in siccitate dilute viridula et griseoflavida. pilis satis brevibus. singularibus et 2—3 ramificantibus mixtis tecta, sub lente visibilibus, nervis lateribus 17—25(—30). Cupulae 3—3.5 cm longae et 4—5 cm latae. annulis 10, margine totis integris, illis ad basin 2—3 ascendentibus vel horizontaliter patentibus, pilis isdem ac foliis; glandes depresso-rotundoides, stylopodio acuto, flavo-piloso.

Xizang, Motuo (墨脱), alt. 2,000 m, north-west slope, in evergreen mixed forest, tree 30—40 m high, Qingzhang Veg. group, no. 74-1845 (Type); Motuo (墨脱), Biebeng (背崩), Gelin (格林), tree 30 m high, Qingzhang

Veg. group. no. 2935.

Specimens cited above were kept in herbarium for the Department of Ecology. Institute of Botany. Beijing. Academia Sinica.

Affinity is *Quercus lamellosa* Sm., but this new species with buds more or less acute at the apex, margin of the leaves covered with hairs and hairs on the under surface of the leaves rarely deciduous even in the time of Autumn season; the annular rings of the cups all are entire but not dentate.

本种的亲缘种是 *Quercus lamellosa* Smith, 但本种的叶片边缘有毛; 芽的顶端略尖; 叶背的毛在秋后仍很少脱落; 壳斗的轮环均全缘。

南川青冈 新种

Quercus nanchuanica Huang. sp. nov.

Subgen. *Cyclobalanopsis* (Oerst.) Schneid. 青冈亚属

Quercus lineata var. *macrophylla* Seemen in Bot. Jahrb. 29: 294. 1900.

Species proxima *Q. oxyodon* Mid. foliis subtus pilis longis simplicibus et stellatis vestitis, cupulae annulis basilaribus 1—2 apice denticulatis, ceteris integris. Affinis *Q. breviradiata* (Cheng) Huang foliis pilis tantum stellatis brevioribus cinereis tectis, cupulae annulis 4—6, quibus 2 superioribus apice integris ceteris denticulatis differunt.

Arbor circa 8 m. alta, ramulis cinereo-fuscis, lenticellatis sparsis dispersis, pubescentibus, mox glabratis. Folia crassa plus minusve crustacea, oblonga vel elliptico-oblonga 15—25 cm longa et 4—9 cm lata, margine e basi ad apicem serrata, serraturis curvatim acutatis, supra glabra, subtus pilis cinereo-fuscis stellaribus tecta, demum glabrata, albido-pulverulenta, costa media atque nervis lateralibus utroque latere 18—22 uterque supra impressis subtus prominentibus, apice breviter acuminata, basi rotunda vel subacuta, leviter vel manifeste inaequilateralibus; petioli 2.5—4.5 cm longi, basi leviter pulvini. Inflorescentiae masculinae spicatae, ad apicem ramulorum multum aggregatae. Cupula 1/2 glans circumdata, circa 1.5 cm lata et 7—8 mm alta, pilis adpressis fusco-flavris longis tectis, annulis 4—6, margine totis manifeste denticulatis; glandes brunneae, circa 1.2 cm altae, apice angustate subacutae, pedunculae circa 2.5 cm longae, cicatrice convexis.

Sichuan: Shong Ji Hua (熊济华) & Zhou Zi Lin (周子琳) 93789 (Type with mat. fruit); Baoxing Xian (Mupin 穆坪). Song Zhi pu (宋滋圃) 38106 (Male fls.); Fang Wan pei (方文培) 4196 (Sterile).

近似种 *Quercus oxyodon* Miq. 的叶背被长单毛及星状毛, 壳斗的轮环仅基部 1—2 环的顶部齿裂, 余均不裂。本种的亲缘种 *Quercus breviradiata* (Cheng) Huang 的叶片仅被短细、灰色的星状毛, 壳斗的轮环 4—6, 仅上部的 2 环全缘, 余均齿状裂, 本种与二者有所不同。

西藏青冈

Quercus xizangensis (Hsu et Jen) Huang et Y. T. Chang in Ic. Corm. Sin. Suppl. 1: 122. 1982. comb. nov.

Cyclobalanopsis xizangensis Hsu et Jen in Acta Bot. Yunnan. 1: 148, f. 2—3. 1979; Fl. Xizang. 1: 498. f. 157. 1983; Sylva Sinica 2: 2298. f. 1162 (5—8). 1985.

A *Q. thomsoniana* differt foliis coriaceis, in siccitate rubro-brunneis, petiolis 2—3.5 cm longis, ligno rubro-brunneo, parietis cupula ad 5 mm crassa.

Arbor ad 30m. alta, ramulis robustis glaberrimis; gemmae ovoideae 4-angulatae. 8—10 mm longae, squamis dilute brunneis. Folia coriacea. ovata, elliptica, rarius oblanceolato-elliptica, 15—18 cm longa et 6 cm lata, apice abrupte acuta vel acuminata, basi subrotunda, margine supra medium paucе serrulata, costa media at nervis lateralibus utrinque impressis, nervis lateralibus utrinsecus 14—17; petioli 2—3.5 cm longi, basi 3.5 mm crassi, in siccitate negro-brunnescentes. Inflorescentia circa 3.5 cm longa et axis circa 4 mm in diam. Cupulae cupuliformia, 3.5 cm in diam., pariete ad 5 mm crassa, annulis 11—13, apice subtruncato-dentatis, flavo-brunneo tomentosis; fructus plus minus depresso-globosus. apice acutus glaber, stylopodio circa 2 mm longo:

Xizang: Mo-Tuo (墨脱), alt. 1,500—2,000 m., evergreen forest. Cheng Shu Zhi & Ni Zhi Cheng 4845 (Fr. mat.); Department of Ecology, Beijing Institute of Botany. High land Exped. (高原队) 14012 (fr.); 11431 (steril); 14391 (fr.); Qing-Zang Exped. (青藏队) 74—4383 (Type); Veget. Exped. (植被队) 3134. 29122.

The cited specimens about all kept in the herbaria in Institute of Beijing Institute of Botany and its Department of Ecology.

徐、任只报道本种与其近缘种的区别。今详述并引证多号标本如上。

墨脱青冈

Quercus motuoensis Huang in Ic. Corm. Sin. Suppl. 1: 116. 1982, nom. nud.

Cyclobalanopsis motuoensis sensu Hsu et Jen in Fl. Xizang. 1: 498, f. 158(12—15). 1983, non Huang*; absque descript. latino et typum praebens.

Subgen. *Cyclobalanopsis* Oerst.

* I consistently subscribed that *Cyclobalanopsis* Oerst. is better be treated as a subgenus under *Quercus* L. as well as C. Schneider's work in the earlier years. I never adopted *Cyclobalanopsis* as a independent genus in my papers on Fagaceae so far I declared.

Proxima *Q. eumorphae* Kurz. differt ramulis glaberrimis; foliis ovatis vel obovato-ellipticis, basi subrotundatis, apice caudsto-acuminatis, acumine 1—2 cm longo; petiolis 1.5—2 cm longis; cupula extus glaberrima, lamellis 7—8, concentricis, aquamis triangularibus, interdum apice subtruncatis, in siccitate atro-brunnescentibus.

Arbor ad 40 m alta (e collectore). Folia ad apicem ramulorum aggregata, ovata vel obovato-elliptica, subcoreacea, 7—10 cm longa et 3—4 cm lata, utrinque concolora et glaberrima, margine integra rarius ad apicem 1—2 denticulata vel undulata, costa media supra impressa, nervis lateralibus utrinsecus 8—10. Infructescentia 2—4 cm longa, in axillis ramululi superiorum affixa, 2—4 fructus gerens; cupulae 1.2—1.5 cm latae et 7—10 mm altae, circa 1/2 glandes enclosae; glandes ellipsoideae 1—1.3 cm latae et 1.5—2 cm altae, stylopodio apiculato brevi terminantes.

Xizang: Motuo (墨脱), alt. 1,700 m, Qing-Zang Exped. (青藏队) 74-5069 (Type, Department of Ecology, Institute of Botany, Academia Sinica).