

## 云南兰科植物新资料

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**摘要:** 报道了云南兰科植物 13 个新记录种: 宽叶红门兰、触须阔蕊兰、毛萼玉凤花、朱兰、长唇羊耳蒜、广西鸢尾兰、长叶山兰、黄兰、聚石斛、狭唇卷瓣兰、花蜘蛛兰、大尖囊兰、槽舌兰。

**关键词:** 兰科; 地理新分布; 云南

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### New Data of Some Orchidaceous Plants in Yunnan, China

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**Abstract:** This paper reports on 13 species, namely *Orchis latifolia*, *Peristylus tentaculatus*, *Habenaria ciliolaris*, *Pogonia japonica*, *Liparis pauliana*, *Oberonia kwangsiensis*, *Oreorchis fargesii*, *Cephalantheropsis gracilis*, *Dendrobium lindleyi*, *Bulbophyllum fordii*, *Esmeralda clarkei*, *Kingidium deliciosum* and *Holcoglossum quasipinifolium*, as new records in Yunnan Province.

**Key words:** Orchidaceae; New records; Yunnan

为编写《云南植物志——兰科》, 我们详细查阅了馆藏的兰科植物标本, 发现 13 个种为云南地理分布新记录, 在此报道如下。

#### 1 宽叶红门兰

*Orchis latifolia* L., Sp. Pl. 2: 941. 1753; Hook. f., Fl. Brit. Ind. 6: 127. 1890; Nevski in Fl. USSR. 4: 717. 1935; Kusn. et Pavl. in Kazakh. 2: 271. 1958; Icon. Corm. Sin. 5: 612. f. 8054. 1976; T. Tang, F. T. Wang et K. Y. Lang in Acta Phytotax. Sin. 18 (4): 417, fig. 3: 9~16. 1980; K. Y. Lang in Fl. Xizang. 5: 684, f. 358. 1987; K. Y. Lang in Acta Phytotax. Sin. 30 (5): 466. 1992; K. Y. Lang in Vasc. Pl. Hengduan Mts. 2: 2516. 1994; P. Y. Fu et S. Z. Liu in Clavis Plantarum Chinae Boreali-orientalis ed. 2: 901. f. 455: 4. 1995; K. Y. Lang in Fl.

Qinghai. 4: 303. f. 49: 1-2. 1999; K. Y. Lang in Fl. Reip. Pop. Sin. 17: 268. f. 38: 4-6. 1999. — *Orchis hatagirea* D. Don, Prodr. Fl. Nep. 23. 1825. — *Orchis salina* Turcz. ex Lindl., Gen. Sp. Orch. Pl. 259. 1835. — *Dactylorchis salina* (Turcz. ex Lindl.) Vermeulen Stud. Dactylorch. 66. 1947. — *Dactylorhiza latifolia* (L.) Soó, Nom. Nova Gen. Dactylorhiza, 9. 1962. — *Dactylorhiza hatagirea* (D. Don) Soó, l. c. 4. — *Dactylorhiza salina* (Turcz. ex Lindl.) Soó, l. c. 4. — *Dactylorchis latifolia* (L.) Rothmaler in Fedd Repert. Sp. Nov. 67: 4. 1963.

**Yunnan (云南):** Dali (大理), eastern flank (东边), moist pasture, alt. 9 000—10 000 ft. (ca. 2 900 m), Lat. 25°40'N, Gorge Forrest 4887, Aug. 1906 (E).

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分布:云南(大理)、西藏东部、四川西部、甘肃、青海、新疆、宁夏、内蒙古、吉林和黑龙江。蒙古、俄罗斯的西伯利亚至欧洲、克什米尔地区至不丹、巴基斯坦、阿富汗至北非也有分布。模式标本采自欧洲。云南新记录。

## 2 触须阔蕊兰

*Peristylus tentaculatus* (Lindl.) J. J. Smith in Fl. Buitenz. 6:35. 1905; Seidenf. in Dansk Bot. Ark. 31(3):41. fig. 18. 1977; K. Y. Lang in Acta Phytotax. Sin. 25(6):445. 1987; K. Y. Lang in Fl. Reip. Pop. Sin. 17:401. f. 64:4-6. 1999. — *Glossula tentaculata* Lindl. in Bot. Reg. 10:t. 862. 1825. — *Glossaspis tentaculata* (Lindl.) Spreng, Syst. 3:694. 1826. — *Glossaspis antennifera* Rchb. f. in Linnaea 25:225. 1852. — *Habenaria tentaculata* (Lindl.) Rchb. f., Otia Bot. Hamb. 34. 1878; 广州植物志:729. 1956.

**Yunnan** (云南): Gongshan (贡山), Kiukiang Valley (独龙江流域), W. of Kungshian, on open hill slope and grassland, alt. 1200 m, T. T. Yü (俞德浚) 20520, Sept. 28, 1938 (KUN); Cangyuan (沧源), Banlaogongshe (班老公社), along track, alt. 1200 m, Li Shengtang (李生堂) 80-1110, Sept. 10, 1980 (KUN); Jinping (金平), Maandi (马安底), on grassland, alt. 1340 m, Hu Yueying (胡月英) 60002436, Aug. 26, 1960 (KUN)。

分布:云南(贡山、沧源、金平)、广西(金秀)、广东(白云山、罗浮山)、福建(厦门)、海南和香港。越南、泰国和柬埔寨也有分布。模式标本采自广东。云南新记录。

## 3 毛葶玉凤花

*Habenaria ciliolaris* Kraenzl. in Bot. Jahrb. Engler 16:169. 1892, et Orch. Gen. Sp. 1:367. 1898. Rolfe in J. Linn. Soc. Bot. 36:58. 1903; Hayata in J. Coll. Sci. Univ. Tokyo 30:352. 1911; Schltr. in Fedde Repert. Sp. Nov. Beih. 4:124. 1919; S. Y. Hu in Quart. J. Taiwan Mus. 27 (1-2):161. 1974; Icon. Corm. Sin. 5:636. f. 8101. 1976; 海南植物志 4:192. 1977 (p. p.); Seidenf. in Dansk Bot. Ark. 31(3):95. fig. 56. 1977; T. P. Lin in Native Orchids of Taiwan 2:176-177 (f.). 1977; 台湾兰科植物彩色图鉴 1:200. 1977, et 2:213. 1990; Liu et Su in Fl. Tai-

wan 5:1018. 1978; K. Y. Lang in Fl. Reip. Pop. Sin. 17:462. f. 76:1-5. 1999; Su in Fl. Taiwan 5:914. 2000. — *Habenaria kweichuensis* Schltr. in Fedde Repert. Sp. Nov. 17:26. 1921. — *Habenaria malleifera* auct. non Hook. f.; Hand. -Mazz., Symb. Sin. 7:1335. 1936.

**Yunnan** (云南): Cheli Hsien, now Jinghong (车里县, 今景洪), Damenglong (大猛龙), Manbang (满蚌), under dense forest, alt. 1000 m, C. W. Wang (王启无) 77555, Aug. 1936 (KUN); Xishuangbanna (西双版纳), under dense forest, alt. 650 m, Pei Shengji (裴盛基) 59-9423, Aug. 19, 1959 (KUN)。

分布:云南(景洪、西双版纳)、四川、贵州、甘肃(文县碧口)、湖北、湖南、广西、广东、江西、浙江、福建、海南、台湾和香港。模式标本采自香港。云南新记录。

## 4 朱兰

*Pogonia japonica* Rchb. f. in Linnaea 25:228. 1825; Schltr. in Fedde Repert. Sp. Nov. Beih. 4:144. 1919; S. Y. Hu in Quart. J. Taiwan Mus. 28 (1,2):144. 1975; Icon. Corm. Sin. 5:651. f. 8131. 1976; D. Y. Liu in Fl. Anhui. 5:538. f. 3074. 1992; 浙江植物志 7:515. f. 7-688. 1993; Y. C. Ma et Y. M. Gong in Fl. Intramongo. 5:582. f. 246. 1994; 福建植物志 6:656. f. 583. 1995; S. C. Chen et Z. H. Tsi in the Orchids of China:190. f. 6-19:5-6. 1998; S. C. Chen in Fl. Reip. Pop. Sin. 18:19. f. 1:3-4. 1999; — *Pogonia similes* Bl., Orch. Arch. Ind. 148. t. 32. 1858. — *Pogonia parvula* Schltr. in Fedde Repert. Sp. Nov. Beih. 4:54, 144. 1919. — *Pogonia kungii* T. Tang et F. T. Wang in Contr. Inst. Bot. Nat. Acad. Peiping 2:135. 1934. — *Pogonia ophioglossoides* auct. non (L.) Ker-Gawl.; Rolfe in J. Linn. Soc. Bot. 36:47. 1903.

**Yunnan** (云南): Zhenxiong (镇雄), Machanglinchang (马厂林场), under forest, alt. 1945 m, Bao Shiyong (包士英) 41, Jun. 17, 1980 (KUN)。

分布:云南(镇雄)、四川、贵州、湖北、湖南、广西北部、内蒙古、吉林、黑龙江、山东、安徽、江西、浙江和福建。日本、朝鲜半岛也有分布。模式标本采自日本。云南新记录。

## 5 长唇羊耳蒜

*Liparis pauliana* Hand.-Mazz. in Anzeig. Akad. Wiss. Wien Math.-Naturw. 58: 65. 1921, et Symb. Sinic. 7: 1351. 1936; S. Y. Hu in Quart. J. Taiwan Mus. 27(3,4): 425. 1974; Seidenf. in Dansk Bot. Ark. 31(1): 24. fig. 12. 1976; 浙江植物志 7: 497. 1993; S. C. Chen et Z. H. Tsi in the Orchids of China: 193. 1998; S. C. Chen in Fl. Reip. Pop. Sin. 18: 65. f. 7: 3-4. 1999. — *Liparis cucullata* S. S. Chien in Contrib. Biol. Lab. Sci. Soc. China Bot. Ser. 6: 29. fig. 2. pl. 3. 1930.

**Yunnan** (云南): Kunming (昆明), Jindian (金殿), in moist and shady forest, alt. 2 000 m, K. M. Feng (冯国楣) 10254, Sep. 5, 1946 (KUN); Kunming (昆明), Xishan (西山), Huatingsi (华亭寺), in forest, alt. 2 200 m, Qiu Bingyun (邱炳云) 57054, Jul. 08, 1958 (KUN).

分布: 云南(昆明)、贵州东部(凯里)、湖北、湖南、广西北部(全州)、广东北部、江西和浙江。模式标本采自湖南。云南新记录。

## 6 广西鸢尾兰

*Oberonia kwangsiensis* Seidenf. in Dansk Bot. Ark. 25(3): 31. fig. 14. 1968, et 33(1): 19. fig. 10. 1978; Averyanov, Iden. Guide Vietnam. Orch. 159. 1994; S. C. Chen in Fl. Reip. Pop. Sin. 18: 141. f. 24: 5-6. 1999.

**Yunnan** (云南): Malipo (麻栗坡), Huangjinyin (黄金印), Luoguowan (锣锅湾), growing on the trees, alt. 1 150 m, Wu Quanan (武全安) 9964, Nov. 29, 1964 (KUN).

分布: 云南(麻栗坡)和广西(环江、南丹)。越南、泰国也有分布。模式标本采自广西。云南新记录。

## 7 长叶山兰

*Oreorchis fargesii* Finet in Bull. Soc. Bot. France 43: 697. t. 13. 1896; Schltr. in Fedde Repert. Sp. Nov. Beih. 4: 223. 1919; S. Y. Hu in Quart. J. Taiwan Mus. 27(3,4): 452. 1974; Icon. Corm. Sin. 5: 742. f. 8313. 1976; 台湾兰科植物彩色图鉴 2: 625. 1990; K. Y. Lang et Z. H. Tsi in Bot. Res. Inst. Bot. 6: 68. 1992; 浙江植物志 7: 534. f. 7-715. 1993; K. Y. Lang in Vasc. Pl. Hengduan Mts. 2:

2598. 1994; 福建植物志 6: 621. f. 543. 1995; N. Pearce et Cribb in Edinb. J. Bot. 54(3): 303. fig. 6. 1997; S. C. Chen in Fl. Reip. Pop. Sin. 18: 158. f. 29: 1-3. 1999. — *Oreorchis fargesii* Finet var. *subcapitata* Hayata, Icon. Pl. Formos. 2: 142. 1912. — *Oreorchis subcapitata* (Hayata) Schltr. in Fedde Repert. Sp. Nov. Beih. 4: 225. 1919. — *Oreorchis intermedia* S. S. Chien in Contr. Biol. Lab. Sci. Soc. China Bot. Ser. 6(3): 26. 1930. — *Oreorchis ohwii* Fukuyama in Bot. Mag. Tokyo 49: 296. 1935; Masamune in J. Geobot. 20(3): t. 182. 1972; T. P. Lin in Native Orchids of Taiwan 3: 206-207 (f.). 1987.

**Yunnan** (云南): Fuyuan (富源), Housuoxiang (后所乡), Laoheishan (老黑山), in limestone and *Rhododendron* - *Lithocarpus* shrubs, alt. 2 500 m, Hongshuihe Plant Expedition Team (红水河植物考察队) 2246, Jun. 17, 1989 (KUN).

分布: 云南(富源)、四川、陕西南部、甘肃南部、湖北、浙江、福建北部(武夷山)和台湾。模式标本采自四川。云南新记录。

## 8 黄兰

*Cephalantheropsis gracilis* (Lindl.) S. Y. Hu in Quart. J. Taiwan Mus. 25(3,4): 213. 1972; Garay et Sweet, Orch. South Ryukyu Isl. 124. 1974, p. p.; S. Y. Hu, Gen. Orch. Hong Kong 56. fig. 25. 1977; Liu et Su in Fl. Taiwan 5: 918. f. 919. 1978; Seidenf. in Opera Bot. 114: 102. 1992; Seidenf. et J. J. Wood, Orch. Penins. Malay. Singap. 180. fig. 17. 1992; S. C. Chen et Z. H. Tsi in the Orchids of China: 5. 1998; Z. H. Tsi in Fl. Reip. Pop. Sin. 18: 255. f. 45: 7. 1999; Su in Fl. Taiwan 5: 795. 2000. — *Calanthe gracilis* Lindl., Gen. Sp. Orch. Pl. 251. 1833, et in Curtis's Bot. Mag. 79: t. 4714. 1853; Hook. f., Fl. Brit. Ind. 5: 855. 1890; 海南植物志 4: 234. 1977; 浙江植物志 7: 527. f. 7-705. 1993; 福建植物志 6: 660. f. 586. 1995. — *Phaius longipes* (Hook. f.) Holttum in Gard. Bull. Singap. 11: 286. 1947; T. P. Lin in Native Orchids of Taiwan 1: 230-231 (f.). 1975. — *Phaius gracilis* (Lindl.) S. S. Ying, Col. Illustr. Indig. Orch. Taiwan 1: 278. 1978. — *Gastrorchis gracilis* (Lindl.) Averyanov., Prelim. List Vietnam. Orch. 1: (2)3. 1988.

**Yunnan** (云南): Pingbian (屏边), Shibianxiang (石板乡), A'dakou (啊达口), under dense forest, alt. 1400 m, K. M. Feng (冯国楣) 5005, Oct. 14, 1954 (KUN); Mengla (勐腊), under dense forest, alt. 800 m, Wang Wencai (王文采) 10380, Dec. 19, 1958 (KUN)。

分布: 云南(屏边、勐腊)、广东(信宜、阳春、怀集、博罗)、福建南部(南靖)、海南(东方、白沙、琼中)、台湾(台北、台东)和香港。锡金、印度东北部、缅甸、老挝、越南、泰国、马来西亚、菲律宾和日本(琉球群岛)也有分布。模式标本采自印度东北部。云南新记录。

## 9 聚石斛

*Dendrobium lindleyi* Stendel, Nomencl. ed. 2. 1:490. 1840; P. F. Hunt et Summerh. in Kew Bull. 20:55. 1966; Seidenf. in Opera Bot. 83:16. fig. 3. 1985; Averyanov, Vasc. Pl. Syn. Vietnam. Fl. 1:75. 1990; Seidenf. in Opera Bot. 114:207. 1992; Averyanov, Iden. Guide Vietnam. Orch. :207. 1994; Z. H. Tsi, S. C. Chen et K. Mori, Wild Orch. China: 79. Pl. 95. 1997; S. C. Chen et Z. H. Tsi in the Orchids of China: 168. f. 6—11:3. 1998; Z. H. Tsi in Fl. Reip. Pop. Sin. 19:78. 1999. — *Dendrobium aggregatum* Roxb., Fl. Ind. ed. 2, 3:477. 1832; Hook in Bot. Mag. 65:t. 3643. 1839; Hook. f., Fl. Brit. Ind. 5:749. 1890, p. p.; Rolfe in J. Linn. Soc. Bot. 36:9. 1903; Kraenzl. in Engler, Pflanzenr. 45 (N. 50, I. B. 21): 62. 1910, p. p. — *Dendrobium jenkinsii* auct. non Lindl.; Icon. Corm. Sin. 5:704 (quoad descr.), p. p. et f. 8237. 1976; 海南植物志 4:222. 1977; Z. H. Tsi in Acta Phytotax. Sin. 18(4):437. 1980. p. p.

**Yunnan** (云南): Xichou (西畴), Between Boai and Jinba (剥隘至金坝途中), growing on the trees, alt. 500 m, Wang Shouzheng (王守正) 1001, Jun. 14, 1964 (KUN); Fohai, now Menghai (佛海, 今勐海), growing on the bark of *Lithocarpus*, alt. 1400 m, C. W. Wang (王启无) 77086, Jun. 1936 (KUN)。

分布: 云南(西畴、勐海)、贵州西南部(册亨)、广西(西林、大新、龙州、田林、靖西、博田、玉林、百色)、海南(三亚、陵水、白沙、琼中、澄迈)、广东(信宜、恩平、罗浮山)和香港。锡金、不丹、印度、缅甸、泰国、老挝、越南也有分布。模式标本采自缅甸。云南新记录。

## 10 狭唇卷瓣兰

*Bulbophyllum fordii* (Rolfe) J. J. Smith in Bull. Jard. Bot. Buitenz. Ser. 2, 8:24. 1912; S. Y. Hu in Quart. J. Taiwan Mus. 25(1, 2):160. 1972; Seidenf. in Dansk Bot. Ark. 29(1):193. 1973; Z. H. Tsi in Fl. Reip. Pop. Sin. 19:223. 1999. — *Cirrhopetalum fordii* Rolfe in Kew Bull. :193. 1896; Rolfe in J. Linn. Soc. Bot. 36:15. 1903; Schltr. in Fedde Repert. Sp. Nov. Beih. 4:253. 1919.

**Yunnan** (云南): Jingdong (景东), Wuliangshan (无量山), Zhaidianqu (宅店区), the foot of Jindingshan (金顶山), on stone, alt. 1950 m, Qiu Bingyun (邱炳云) 53295, Oct. 30, 1956 (KUN)。

分布: 云南(景东)和广东(粤北地区)。模式标本采自广东。云南新记录。

## 11 花蜘蛛兰

*Esmeralda clarkei* Rehb. f. in Gard. Chron. n. s., 25:552. 1886; Herklots in Orch. Rev. :15. 1971; K. W. Tan in Selbyana 1(1):13. 1975, et l. c. 1(4):371. 1976; Seidenf. in Opera Bot. 95:136. fig. 82. 1988; Z. H. Tsi in Fl. Reip. Pop. Sin. 19:331. f. 49:2—3. 1999. — *Arachinis clarkei* (Rehb. f.) J. J. Smith, Nat. Tijdschr. Nederl. Ind. 72:73. 1912; Icon. Corm. Sin. 5:758. f. 8346. 1976; 海南植物志 4:254. 1977; S. C. Chen et Z. H. Tsi in the Orchids of China: 209. f. 6—26:8—10. 1998.

**Yunnan** (云南): Jingdong (景东), Luoshuidong (落水洞), on stream, alt. 2100 m, M. K. Li (李明岗) 2299, Dec. 07, 1939 (KUN); Jingdong (景东), Wenxiaoxiang (温小乡), Modaohe (磨刀河), growing on the trees, alt. 1700 m, Qiu Bingyun (邱炳云) 52664, Oct. 04, 1956 (KUN)。

分布: 云南(景东)和海南(三亚、保亭、陵水、琼中)。尼泊尔、锡金、不丹、印度东北部、缅甸、泰国也有分布。模式标本采自锡金。云南新记录。

## 12 大尖囊兰

*Kingidium deliciosum* (Rehb. f.) Sweet in Amer. Orch. Soc. Bull. 39:1095. 1970; Seidenf. in Opera Bot. 95:183. fig. 113. 1988; Averyanov, Vasc. Pl. Syn. Vietnam. Fl. 1:111. 1990; Seidenf. in Opera Bot. 114:411. fig. 280. 1992; Averyanov,

Iden. Guide Vietnam. Orch. : 350. 1994; S. C. Chen et Z. H. Tsi in the Orchids of China: 215. 1998; Z. H. Tsi in Fl. Reip. Pop. Sin. 19: 351. f. 52: 1-3. 1999. — *Phalaenopsis deliciosa* Rchb. f, Bonpl. 2: 93. 1854. — *Kingiella decumbens* auct. non Griff.; Rolfe in Orch. Rev. 25: 197. 1917. — *Biermannia decumbens* auct. non Griff. ; T. Tang et F. T. Wang ex Merrill et Metcalf, Lingnan Sci. J. 21 (1-4): 7. 1945; T. Tang et F. T. Wang in Acta Phytotax. Sin. 1(1): 95. 1951; 海南植物志 4: 250. f. 1123. 1977. — *Kingidium decumbens* auct. non Griff.; P. F. Hunt in Kew Bull. 24(1): 97. 1970; S. Y. Hu in Quart. J. Taiwan Mus. 25(1, 2): 185. 1974; Icon. Corm. Sin. 5: 753. f. 8336. 1976.

**Yunnan(云南):** Fohai, now Menghai(佛海, 今勐海), mixed forest, growing on the tree barks, alt. 1550 m, C. W. Wang(王启无) 73861, May 1936 (KUN); Pingbian(屏边), Yiqu(一区), Shibaxiang(石板乡), Guluoma(古罗马), growing on the trees, alt. 330 m, K. M. Feng(冯国楣) 4667, Sep. 28, 1954 (KUN)。

分布: 云南(勐海、屏边)和海南(乐东、昌江、三亚)。斯里兰卡、印度、热带喜马拉雅、缅甸、老挝、越南、柬埔寨、泰国、马来西亚、印度尼西亚、菲律宾也有分布。模式标本采自印度尼西亚(爪哇)。云南新记录。

### 13 槽舌兰

*Holcoglossum quasipinifolium* (Hayata)

Schltr. in Fedde Repert. Sp. Nov. Beih. 4: 285. 1919; Garay in Bot. Mus. Leaflet. Harvard Univ. 23(4): 181. 1972; S. Y. Hu in Quart. J. Taiwan Mus. 27(1, 2): 183. 1974; T. P. Lin in Native Orchids of Taiwan 1: 206-207 (f.). 1975; Liu et Su in Fl. Taiwan 5: 1033. f. 1612. 1978; Z. H. Tsi in Acta Phytotax. Sin. 20(4): 441. 1982; Chritenson in Not. Bot. Gard. Edinb. 44(2): 255. 1987; S. C. Chen et Z. H. Tsi in the Orchids of China: 173. 1998; Z. H. Tsi in Fl. Reip. Pop. Sin. 19: 425. 1999; Su in Fl. Taiwan 5: 929. f. 396. 2000. — *Saccolabium quasipinifolium* Hayata, Icon. Pl. Formos. 2: 144. 1912.

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