

色，花冠管筒状，扭弯，在喉部增大或钟状，喉基部内弯，支撑花柱的毛排成2列，冠檐裂片近相等，圆形。雄蕊4，2强，全部直立和内藏；长雄蕊花丝向基部被微硬毛，短雄蕊的无毛；花药直立，先端钝，侧扁。不育雄蕊微小或不明显。花粉粒长球形。具5孔沟及假沟，肋条带状纹饰。子房被簇毛，部分具头状毛，两侧室各具2胚珠。花柱被稀疏硬毛。蒴果纺锤形，通常4种子，珠柄钩。种子具小基区，基区外被颇坚的环状毛；亚表皮细胞层具加厚的壁。

分布于缅甸、中南半岛、马来西亚到印度尼西亚爪哇西部。现知5种（连我国1新种在内）。

属名模式：*Adenacanthus acuminatus* Nees (NCU-3 未载)

1. 长穗腺背蓝 图版 18: 1—4

Adenacanthus longispicus H. P. Tsui sp. nov. in Addenda: 348

草本，高1.2米。茎4棱，具沟，在对生的沟中被柔毛。叶近同型叶，具1—2厘米长的叶柄；叶片长椭圆形或长卵形，长达13厘米，宽5厘米，先端长渐尖，基部渐狭，边缘具锯齿，两面被稀疏糙伏毛，上面具线状钟乳体。羽状脉，侧脉7—8对。穗状花序3—6节，顶生或腋生，延伸，长5—7厘米（不包括顶生的花的长度），具短总梗，约1厘米长；花序苞片叶状，椭圆状披针形，两端渐尖，边缘具锯齿，具羽状脉；花苞片在花序轴上对生，长椭圆形，长4毫米，宽1.2毫米，先端短渐尖，基部急尖或楔形，全缘，1脉，宿存；小苞片线形，长4毫米，宽0.8毫米，先端钝；花序轴、苞片和小苞片被腺毛。花萼3裂，前2裂片分离，披针形，长7.5毫米，宽1.5毫米，后3裂片长3.5和2.5毫米，宽1.5和1.3毫米，上3中裂合生成上唇，内里无毛。花冠淡青蓝色（干时黄色），花冠管圆柱状，长7毫米，扭转，在喉部扩大成钟状，喉长2.3毫米，宽0.8毫米，中部稍内弯，支撑花柱毛排成两列，裂片圆形，微缺，上唇裂片几长7.7毫米，下唇裂片几长7毫米，宽6毫米，无毛。雄蕊4，2强，直立和内藏；花丝被微硬毛，长花丝5毫米，短花丝长2.2毫米；花药直立，先端钝，侧扁。花粉粒长球形，具饰带，饰带具隔。子房长椭圆形，长3毫米，无毛，两侧每室有2胚珠；花柱约长1.8厘米，疏被头状腺毛，柱头线形。蒴果未见。

产云南（贡山）。生于山谷灌丛，海拔1380米。模式标本采自云南贡山。

C. E. B. Bremekamp 对本属的描述中，提及在叶下黄色或棕红色腺点，在 C. G. Nees 的 *A. acuminatus* Nees 的描述中也提及腺点。在本新种的叶下也发现有黄色小凸起，作者（崔鸿宾）认为是虫卵，当然这也可能是巧合。

30. 马蓝属 *Pteracanthus* (Nees) Bremek.



图版 18 1—4. 长穗腺背蓝 *Adenacanthus longispicus* H. P. Tsui: 1. 植株一部分, 2. 苞片及花萼裂片, 3. 花冠剖面示雄蕊, 4. 花粉粒。(李爱莉绘)

11. 假杜鹃属 *Barleria* L.

3. 紫萼假杜鹃

Barleria purpureosepala H. P. Tsui, sp. nov.

Species *B. integrisepalae* affinis, a qua differt calyce purpureo, tubo corollae quam fauce ca. triplo longiore, bracteolis sepala magna dimidio breioribus.

Plantae fruticosae 30 cm alt. Caule cylindrico, pilis helvolis retrorsis obsito. Folia opposita, papyracea; petiolo 0.7—13 (15) cm long. strigis helvolis praedito; lamina elliptica vel raro ovata, cum sepalis utroque acumilata, 5.5—12 (15) cm long. 2.2—4.2 (5.5) cm lat. utrinque strigis helvolis sparsim obducta, dense ad nervos; nervis lateralibus 7—jagatis. Flores singulares axillares, pedicellis 2 mm long. strigosis; bracteolis longe ellipticis, 12 mm long, utroque acumilatis, costatis, ciliatis; sepala utrinque strigis helvolis sparsim obducta, magna sepala ovata purpurea, 32 mm long, 18 mm lat, apice acuta, basi orbiculata, margine fere integra, parva sepala lanceolata, utroque acumilata, 15 mm long. 2.3 mm lat.; corolla rosea, 5—6 cm long. tubo corollae cylindrico, 3.7 cm long. 0.3 cm diametro, fauce ca. 12 mm long.; limbus corollae labiatus, lobis 5, fere aequalibus; stamina fertilia 4, didynama, in longioribus staminibus antherarum loculis parallelis, filamentis 17 mm long. in brevioribus staminibus antherarum loculis basi divergentibus, filamentis 4 mm long.; staminodium 1.7 mm long. filamentis basi pilosis, cum fertilibus staminibus corollae tubo inferne adnatum; ovarium orbiculatum, 3 mm long, disco cupulato obsitum. Fructus a nobis non visus.

Typus: C. W. Wang (王启无) 80513. Yunnan Province, Zhengyue, now Mengla Xian (勐腊县), in sylvis, usque ad alt. 900m. Nov. 1936. (PE).

29. 腺背蓝属 *Adenacanthus* Nees

1. 长穗腺背蓝 (新拟) 图版 18: 1—4

Adenacanthus longispicus H. P. Tsui sp. nov.

Species *A. acminata* Nees affinis, a quo differt spica elongata, corolla violacea, filamentis hirtellis.

Herbae altae. Caulis quadrangulus, sulcis, in bisulcis oppositis pubescentes. Folia subanisophylla, petiolis 1—2 cm longis; lamina longe elliptica vel longe ovata, usque ad 13 cm longa et 5 cm lata, apice longe acuminata, basi attenuata, decurrens, margine serrato, pilis utrinque sparse strigosis, supra cystolithis lineolata, pinnatinervis, nervis latealis 7—8 —

jugis. Spicae 3—6 - nodis, terminales et axillae, elongatae, 5—7 cm longae (excl. longitudinibus florum terminalium), breves pedunculatae, circa 1 cm longae; bractae spicae foliiformes, elliptico-lanceolatae, utroque acuminatae margine serrato, pinnatinervis; in rachidi bractae florum oppositae, longe ellipticae, 4 mm longae, 1.2 mm latae, apice breviter acuminatae, basi acutae vel truncatae, integri, 1—nervo, persistentes; bracteolae lineares, 4 mm longae, 0.8 mm latae, apice obtusae; rachis, bractae et bracteolae pilis glandulis vestitae. Calyx tripartitus, segmentis duobus anticis liberis, lanceolatis 7.5 mm longis, 1.5 mm latis, tribus posticus 3.5 et 2.5 mm longis, 1.5 et 1.3 mm latis, in labium superius trifidum connatis, intus glaber. Corolla violacea (luteola in sicco), tubo corollae 7 mm longo, tubo in facies campanulatas ampliato, faucibus 2.3 cm longis, 0.8 mm latis, medio paulum recurvatis, pilis styli retinentibus in series duas dispositis, lobis orbicularibus, emarginatis, labii superioris 7.7 mm longis, 6 mm latis, inferioris 7 mm longis, 7.5 mm latis, glabris. Stamina 4, didynamia, erecta et inclusa; filamenta breviter, staminum longiorum 5 mm longa, breviorum 2.2 mm longa; antherae erectae, apice obtusae, a latere complantae. Grana pollinis prolata, virgata, virgis septatis. Ovarium longe ellipsoideum, 3 mm longum, glabrum, utroque loculo ovalis 2; stylus circa 1.8 cm longus, sparsim glandulis stipitatis obsitus. Capsula ignota.

Typus: Exped. Pl. Drung Jiang (独龙江考察队) 3793. Yunnan: Gongshan Xian (贡山县), under the shrubs growth on valley, alt 1380 m. fl. violet. January, 1991. (KUN)

31. 糯米香属 *Semnostachya* Bremek.

1. 糯米香 (云南) 图版 22: 1—4

Semnostachya menglaensis H. P. Tsui sp. nov.

Similis *Strobilanthes galeopsi* Bremek. sed folio apice acuto noncaudato, basi cuneato decurrenti, non ciliato, ovario superne glanduloso-pubescenti, capsula longiore apice acuminata differt.

Herba 0.5—1 m alta, ramulus quadrangulus, primum breviter hispidus, deinde gradatim glabrescens. Folia anisophylla, petiolis ad 2 cm longis, breviter hispidis; lamina elliptica, vel longe elliptica, ad 18.5 cm longa, 6 cm lata, apice acuta, basi cuneata decurrens, fortuito rotundata, utrinque sparsim breviter hispida, densius ad nervos, supra cystolithis visibilibus, nervis lateralibus 5—6 - jugis, ante marginem arcuatim confluentibus, margine crenata. Spica singularis, terminalis vel axillaris, rachidi cum bracteis pubescens, glanduloso-pilosa, bractea lineari-spathulata, 10 mm longa, 2 mm lata, utrinque pubescenti et