

• 中文名稱： 山葛

• 英文名稱： Taiwan Kudzubean

• 學名：
Pueraria montana (Lour.) Merr.
Dolichos montana Lour.
Pueraria lobata (Willd.) Ohwi var. *montana* (Lour.) van der Maesen
Pueraria lobata var. *montana* (Lour.) van der Maesen
Ficus pedunculosa Miq. var. *mearnsii* (Merr.) Corn.

• 科名： 豆科(Fabaceae)葛藤屬(Pueraria)

- **Family:** Fabaceae (Leguminosae)
- **Genus:** *Pueraria*

山葛，山肉豆、葛、臺灣葛藤、乾葛、葛藤、越南葛藤、山割藥，葛麻姆(中國植物誌)，割藤(台灣)、Kausu(泰雅)、Abauzyan(排灣)

- **Standard English Names:**
 - Mountain Kudzu
 - Kudzu Vine
 - Taiwan Kudzu
- **Regional & Descriptive Names:**
 - **Mainland China:** Gema-mu (葛麻姆)
 - **Taiwan:** Go-teng (割藤 / 葛藤)
 - **Other variants:** Wild Kudzu, Vietnamese Kudzu, Shan-rou-dou (山肉豆)
- **Indigenous Names (Transliteration):**
 - **Atayal:** Kausu
 - **Paiwan:** Abauzyan

• 原產地： 中國大陸、越南、琉球

- **Mainland China, Vietnam, and the Ryukyu Islands**

台灣全島山麓至中低海拔 500~1,500 公尺間的林緣、路旁、荒地、草生地上。為崩塌地先驅植物，沿海堤防上亦常見大量生長，對其他植物具侵略性，能自成群落生長。

• 分佈：

Found throughout the island of Taiwan, from the foothills to mid-to-low altitude areas (500–1,500 meters). It typically grows on forest edges, roadsides, wastelands, and grasslands. As a pioneer species on landslide-prone terrain, it is also frequently seen growing in abundance on coastal embankments. It is an invasive species that can dominate other plants and form monocultural colonies.

• 用途：

1. 食用：山葛的不會形成肥厚粗大地下塊根，但其根可提取澱粉食用或釀酒，可以製造「葛粉」，是感冒藥「葛根湯」的原料；嫩莖葉可作飼料。2. 莖皮纖維可紡織。3. 藥用：性味：根：辛、苦、平。效用：根：清熱，透疹，生津止渴。治麻疹不透，吐血，消渴，口腔破潰；葉、藤莖、種子、花：解熱，鎮痛。

1. **Edible Uses (食用):** Unlike other varieties, *Mountain Kudzu* does not form thick, tuberous roots. However, its roots can be processed to extract starch for food or brewing. It is used to produce "**Kudzu Powder**" (葛粉), a primary ingredient in the traditional cold remedy "**Gegen Tang**" (Kudzu Decoction). Additionally, the tender stems and leaves can be used as **animal feed**.
2. **Textile Use (纖維利用):** The fiber from the **stem bark** can be used for weaving and textiles.
3. **Medicinal Uses (藥用):**
 - **Properties (性味):** The root is acrid (pungent), bitter, and neutral in nature.
 - **Functions (效用):**
 - **Root:** Clears heat, promotes the eruption of measles, engenders fluids, and quenches thirst. It is used to treat incomplete expression of measles, hematemesis (vomiting blood), thirst (xiao-ke), and oral ulcers.
 - **Leaves, Vines, Seeds, and Flowers:** Used for antipyretic (fever-reducing) and analgesic (pain-relieving) purposes.

莖疏生黃褐色長硬毛或近無毛，老藤莖近圓形或稍扁形，藤圓柱形，長達 10 公尺以上。根粗壯，不成塊狀，纖維質多，肉質少。

• 莖：

The stems are sparsely covered with long, yellowish-brown stiff hairs (hirsute) or are nearly hairless (glabrous). Older woody vines are nearly cylindrical or slightly flattened, while the younger vines are cylindrical and can reach lengths of over 10 meters. The roots are robust and fibrous rather than tuberous, containing high fiber content and minimal fleshy pulp.

葉互生，總柄長 5~12 公分，基部具托葉 2 枚，三出複葉。頂生小葉柄較長，小葉菱狀卵形或卵狀披針形，長 10~18 公分，寬 6~12 公分，先端漸尖，全緣，基部具小托葉 2 枚，線形。兩側小葉具短柄，葉片歪斜，偏卵形。

- 葉：**Leaves are alternate with petioles 5–12 cm long and two stipules at the base. They are pinnately trifoliolate (three-leaflet compound leaves). The terminal leaflet has a longer petiolule and is rhombic-ovate or ovate-lanceolate, measuring 10–18 cm long and 6–12 cm wide, with an acuminate apex, entire margin, and two linear stipels at its base. The lateral leaflets have shorter petiolules and are asymmetrical, with an obliquely ovate shape.**

總狀花序而排列成圓錐花序，總花梗 10~60 公分，腋生，花多數密生。苞片 2 枚，長橢圓狀披針形。小苞片卵形，早落性；花萼短鐘形，萼片 5 枚，大小不等，長橢圓狀披針形。蝶形花冠，粉紅色、淡紫色至紫色，長 1.3~1.6 公分。旗瓣近圓形，長 1~1.2 公分，寬 1~1.2 公分，先端凹陷，基部具兩耳垂，中央具心形黃色斑。翼瓣狹橢圓形，長約 1.3 公分，寬 2~3.5 公分，基部一邊具爪狀。龍骨瓣偏卵形，長約 1.2 公分，寬 2~3.5 公分，一側具爪狀。兩體雄蕊 10(9+1)，不等長，先端彎曲。子房線形，先端彎曲，密生絨毛，柱頭圓形。

- 花：**Inflorescences are racemes arranged in panicles, with axillary peduncles 10–60 cm long, bearing numerous densely clustered flowers. There are 2 bracts, oblong-lanceolate in shape. Bracteoles are ovate and caducous (shedding early). The calyx is short-campanulate (bell-shaped) with 5 unequal, oblong-lanceolate sepals. The corolla is papilionaceous (butterfly-shaped), ranging from pink and pale purple to deep purple, and 1.3–1.6 cm in length. The standard (vexillum) is suborbicular, 1–1.2 cm long and wide, with an emarginate (notched) apex and two auricles at the base, featuring a heart-shaped yellow spot at the center. The wings are narrowly elliptic, approximately 1.3 cm long and 2–3.5 mm wide, with a claw-like base on one side. The keel is obliquely ovate, about 1.2 cm long and 2–3.5 mm wide, also clawed on one side. Stamens are diadelphous [10 (9+1)], unequal in length, with curved tips. The ovary is linear and curved at the apex, densely tomentose (velvety-haired), with a capitate (rounded) stigma.**

莢果線狀長橢圓形，扁平，長 2~5 公分，寬 0.3~0.6 公分，密被褐色剛毛；有種子 3~7 個，深褐色，扁橢圓形，長約 0.2 公分。

- 果實：**The pods (legumes) are linear-oblong and flattened, measuring 2–5 cm in length and 0.3–0.6 cm in width, and are densely covered with brown bristly hairs (hispid). Each pod contains 3–7 seeds,**

which are dark brown and compressed-ellipsoid, approximately 0.2 cm long.

山葛為纏繞性藤本。莖疏生黃色長硬毛。葉互生，具長柄，三出複葉，頂小葉闊卵形，長 10~18 公分，寬 6~12 公分，先端漸尖，基部圓形，上面有疏黃色長硬毛，葉背有銀白色光澤的絹質柔毛，側生小葉略小而偏斜；托葉披針形，基部於著生處下延為盾形。花紫色，密集成總狀花序或圓錐花序，腋生；萼鐘狀，萼齒 5，披針形，最下一個萼齒較長，均有黃色硬毛；花冠長約 1.2 公分，翼瓣長於龍骨瓣。莢果線狀長橢圓形，扁平，長 2~5 公分，寬 0.3~0.6 公分，密被褐色剛毛；有種子 3~7 個，深褐色，扁橢圓形，長約 0.2 公分。

• 特性：

Mountain Kudzu is a twining woody vine. The stems are sparsely covered with long, yellowish, stiff hairs (hirsute). Leaves are alternate and long-petioled, consisting of pinnately trifoliolate leaflets. The terminal leaflet is broadly ovate, 10–18 cm long and 6–12 cm wide, with an acuminate apex and a rounded base; its upper surface has sparse, long, yellow stiff hairs, while the underside features silvery-white, lustrous sericeous (silky) pubescence. Lateral leaflets are slightly smaller and asymmetrical (oblique).

The stipules are lanceolate and extended downward at the point of attachment into a peltate shape. The purple flowers are densely arranged in axillary racemes or panicles. The calyx is campanulate (bell-shaped) with 5 lanceolate teeth, the lowermost being the longest, all covered with yellow stiff hairs. The corolla is approximately 1.2 cm long, with wings longer than the keel. The pods are linear-oblong and flattened, 2–5 cm long and 0.3–0.6 cm wide, densely covered with brown bristly hairs (hispid). Each pod contains 3–7 dark brown, compressed-ellipsoid seeds, approximately 0.2 cm in length.