

• 中文名稱：烏皮九芎

• 英文名稱：Formosan Snow-bell

*Styrax formosana* Matsum.

*Styrax formosanus* Matsum. 臺灣安息香

*Stryax suzukii* Mori

• 學名：*Styrax funkikensis* Mori

*Styrax henryi* Perkins

*Styrax henryi* Perkins var. *microcalyx* Perkins

*Styraz funkikensis* Mori



• 科名：安息香科(Styracaceae)安息香屬(Styrax)

[烏皮九芎-蟲癭 01](#)

白樹、葉下白、烏雞母樹、台灣野茉莉，臺灣安息香（新擬），奮起湖野茉莉、烏皮九芎（臺灣樹木誌），鈴木紅皮

• 別稱：

- 白樹 (Bái Shù): White Tree
- 葉下白 (Yè Xià Bái): White-under-leaf (referring to the pale underside of the foliage)
- 烏雞母樹 (Wū Jī Mǔ Shù): Black Hen Tree
- 台灣野茉莉 (Tái Wān Yě Mò Lì): Taiwan Wild Jasmine (*Styrax formosanus*)
- 臺灣安息香 (Tái Wān Ān Xī Xiāng): Taiwan Benzoin (the formal botanical name)
- 奮起湖野茉莉 (Fèn Qǐ Hú Yě Mò Lì): Fenchihu Wild Jasmine
- 烏皮九芎 (Wū Pí Jiǔ Xiōng): Black-barked Lagerstroemia-mimic (A very common name in Taiwan forestry)
- 鈴木紅皮 (Líng Mù Hóng Pí): Suzuki's Red-bark

臺灣北、中部山麓地帶。

• 原產地：

- **Native to: Taiwan (Endemic).**
- **Distribution:** Specifically found in the **foothills and low-mountain regions of Northern and Central Taiwan**

臺灣台北、新竹、台中、南投、嘉義、屏東，丘陵、山地灌叢中。

• 分布：

- **Regional Distribution:** Found in **Taipei, Hsinchu, Taichung, Nantou, Chiayi, and Pingtung.**
- **Specific Habitats:** Primarily grows in **hills and mountainous shrublands.**

1. 景觀樹種：冬季落葉、三月花開時密積如雪且香氣濃郁的烏皮九芎，有季節變化的風情韻味，是良好的景觀樹種。2. 作為輓轆樑柱用：其木材色淡紅而質密，年輪不明顯亦無邊心材之分，可用為輓轆，以前民間亦拿來作樑柱用。3. 良好的薪材：因木材質密，燃燒時間較長，是良好的薪材。4. 藥用：性味：根、葉：辛、微溫。效用根、葉：治痰多。

• 用途：

- **1. Ornamental & Landscape Tree:**
  - **Seasonal Beauty:** It is a deciduous species that sheds its leaves in winter. In March, it blooms with dense, **snow-white flowers** that carry a **rich fragrance**. This seasonal transformation makes it an excellent choice for landscape gardening.
- **2. Woodwork & Construction:**
  - **Wood Quality:** The timber is pale reddish in color with a dense grain. The annual rings are indistinct, and there is no clear differentiation between sapwood and heartwood.
  - **Traditional Uses:** Historically used for making **lathe-turned products** (windlasses/pulleys) and as **structural beams or pillars** in traditional folk architecture.
- **3. High-Quality Fuel (Firewood):**
  - Because the wood is extremely dense, it burns for a long duration, making it a **superior fuel wood** for traditional hearths.
- **4. Medicinal Use:**
  - **Properties:** The roots and leaves are **pungent** (acidic) in taste and **slightly warm** in nature.
  - **Efficacy:** Used to treat conditions involving **excessive phlegm** (expectorant).

落葉小喬木，高 3~8 公尺；嫩枝纖細，密被黃褐色星狀短柔毛，老枝無毛，暗褐色。

• 莖：

- **Growth Habit:** A **deciduous small tree**, typically reaching a height of **3–8 meters**.
- **Young Shoots:** The tender branchlets are **slender** and densely covered in **yellowish-brown stellate (star-shaped) pubescence** (fine, soft hairs).
- **Mature Branches:** As the branches age, they become **glabrous** (hairless) and turn an **暗褐色 (dark brown)** color.

• 葉：

葉互生，紙質，倒卵形、橢圓狀菱形或橢圓形，長 2~5 (~7) 公分，寬 1.5~2.5 公分，頂端

尾尖或急漸尖，少急尖，基部楔形，中部以上邊緣有不整齊粗鋸齒，稀近頂端有 2~4 齒裂，嫩葉兩面均疏被黃褐色星狀短柔毛，尤以中脈被毛較密，成長後上面除中脈被毛外其餘無毛，下面疏被星狀柔毛，側脈每邊 3~5 條，中脈和側脈於上面平坦或稍凹入，下面明顯隆起，第三級小脈網狀，兩面均明顯；葉柄長 0.3~0.4 公分，疏生黃褐色星狀短柔毛。

- **Arrangement & Texture:** Leaves are **alternate** and **papery** (chartaceous) in texture.
- **Shape & Size:** They range from **obovate and elliptic-rhomboid to elliptic**. They typically measure **2–5 cm** (occasionally up to 7 cm) in length and **1.5–2.5 cm** in width.
- **Apex & Base:** The leaf tip is **caudate-acuminate** (tapering into a long tail) or abruptly acuminate, rarely just acute. The base is **cuneate** (wedge-shaped).
- **Margin (Edges):** The upper half of the leaf margin features **irregular coarse serrations** (saw-toothed). Occasionally, there are 2–4 distinct lobes near the tip.
- **Indumentum (Hairs):**
  - **Young Leaves:** Both surfaces are sparsely covered in **yellowish-brown stellate (star-shaped) pubescence**, which is denser along the midvein.
  - **Mature Leaves:** The upper surface becomes smooth (glabrous) except for the midvein; the underside remains sparsely covered with star-shaped hairs.
- **Venation:** There are **3–5 pairs of lateral veins**. The midvein and lateral veins are flat or slightly recessed on the top but **prominently raised** on the underside. The tertiary veins form a distinct **reticulate (net-like) pattern** visible on both sides.
- **Petiole (Leaf Stalk):** Short, measuring **0.3–0.4 cm**, and sparsely covered with yellowish-brown star-shaped hairs.

## • 花：

總狀花序頂生，有花 3~5 朵，下部常單花腋生，長 2.5~4 公分；花序梗、花梗和小苞片均密被灰黃色星狀絨毛；花白色，長 1.2~1.4 公分；花梗長 0.8~1.2 公分，常下彎；小苞片著生於花梗基部和中部，鑽形，長 0.2~0.3 公分；花萼膜質，淺杯狀，高 0.25~0.3 公分，寬 0.3~0.4 公分，頂端具三角形鋸齒或截形而具凸尖，外面密被灰黃色星狀絨毛，內面無毛；花冠膜質，5 裂，少 6 裂，裂片披針形或長圓狀披針形，長 0.8~1.1 公分，寬 0.25~0.3 公分，外面密被白色短絨毛，內面除上部稍被毛外無毛，邊緣稍內褶，花蕾時鑷合狀排列或有 1~2 片裂片邊緣一邊內折，另一邊平展呈稍內向覆瓦狀排列，花冠管長 0.2~0.3 公分；雄蕊 (~9) 10 (~11) 枚，較花冠稍短，花絲扁平，下部聯合成管，下部分離，分離部分的下部

密被長柔毛，其餘無毛，花藥長圓形，長約 0.4 公分，藥隔被星狀柔毛；花柱無毛，長約 1.1 公分。花期 3~4 月。

- **Inflorescence:** Flowers are arranged in **racemes** (spikes) at the ends of branches, typically bearing **3–5 flowers**. Lower flowers often grow individually from the leaf axils.
- **Color & Size:** The flowers are a pure **white**, measuring **1.2–1.4 cm** in length.
- **Pedicels (Stalks):** The flower stalks are **0.8–1.2 cm** long and characteristically **curved downward (pendulous)**. These stalks, along with the bracts, are densely covered in **grayish-yellow star-shaped (stellate) hairs**.
- **Calyx (Cup):** The calyx is a shallow, membrane-like cup (0.25–0.3 cm high) with small triangular teeth. It is fuzzy on the outside but smooth on the inside.
- **Corolla (Petals):** Usually **5-lobed** (rarely 6). The lobes are lance-shaped and about **1 cm** long. In the bud stage, they overlap or meet at the edges (valvate). They are densely fuzzy on the outside.
- **Stamens:** Typically **10** (ranging from 9–11). They are slightly shorter than the petals. The filaments are flat and fused into a tube at the base but separate and hairy toward the top. The anthers (pollen sacs) are oblong and also feature star-shaped hairs.
- **Pistil:** The style is smooth (hairless) and about 1.1 cm long.
- **Flowering Season:** Primarily **March to April**

果實為蒴果，卵形，長約 1 公分，直徑約 0.4 公分，頂端有喙或具短尖頭，外面有不規則縱皺紋；種子長卵形，長約 0.6 公分，褐色，無毛，有 3 淺溝紋。果期 5~6 月。

• 果：

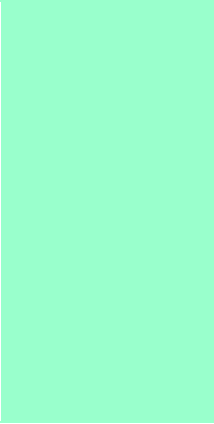
- **Type:** The fruit is a **capsule** (a dry fruit that splits open when mature).
- **Shape & Size:** It is **ovoid** (egg-shaped), measuring approximately **1 cm long** and **0.4 cm in diameter**.
- **Apex:** The tip of the fruit features a **beak** or a short, sharp point (**mucronate**).
- **Surface:** The exterior is marked with **irregular longitudinal wrinkles** (lengthwise ridges).
- **Seed:** Inside is a **long-ovoid seed**, about **0.6 cm long**. It is **brown**, smooth (hairless), and has **three shallow grooves**.

- **Fruiting Season:** Occurs shortly after the "snowy" flowers fade, typically from **May to June**.

落葉小喬木，全株幼嫩部份密被星狀毛茸。單葉互生，具葉柄，柄長 1~2 公分，葉片長 4~6 公分，寬 2~3 公分，菱狀長橢圓形，葉基楔形，葉尖漸尖形，葉緣全緣至淺鋸齒緣，老葉僅中肋有毛，側脈 5~6 對。花序為總狀花序或聚繖花序，花 4~6 朵；花梗長 2~3 公分以上，基部具小苞片 1 枚；花萼鐘形，萼緣具 5 齒裂，齒裂片三角形；花冠長約 1.2 公分，寬約 0.4 公分，白色，深 5 裂，裂片披針形，先端銳形；雄蕊 10 枚，花絲下部被毛，基部與冠筒合生，花藥線形；子房 4 室，胚珠多數。蒴果卵形或橢圓形，長 0.8 公分，先端具短喙，表面常具皺紋，成熟實懸垂滿樹，極為壯觀。花期 3~4 月，果期 5~6 月。烏皮九芎為臺灣特有種，由於其樹形頗似九芎，但樹皮灰黑色與九芎之紅褐色，光滑樹皮有別，乃有烏皮九芎之稱。**Styrax** 為源自希臘語 *styrax*（安息香樹的古名）一語衍用而得，是指一種具芳香樹脂的喬木。

• 特徵：

- **Growth Form:** A **deciduous small tree** where all young, tender parts are densely covered in **stellate (star-shaped) hairs**.
- **Foliage:**
  - **Type:** Simple leaves, alternately arranged.
  - **Petiole:** 1–2 cm long.
  - **Shape:** **Rhomboid-oblong** (diamond-like), 4–6 cm long by 2–3 cm wide.
  - **Details:** Wedge-shaped base and acuminate (tapering) tip. The leaf margins range from **entire (smooth) to shallowly serrated**.
  - **Veins:** 5–6 pairs of lateral veins. Older leaves lose most hair, retaining it only along the midrib.
- **Flowers:**
  - **Arrangement:** Found in **racemes or cymes** of 4–6 flowers.
  - **Structure:** Bell-shaped (campanulate) calyx with 5 triangular teeth.
  - **Corolla:** Pure **white**, deeply 5-lobed with lance-shaped petals (approx. 1.2 cm long).
  - **Stamens:** 10 stamens; the lower parts of the filaments are hairy and fused to the corolla tube.

- 
- **Fruit:**
    - An **ovoid or elliptic capsule** (0.8 cm long) with a short beak at the tip and a wrinkled surface.
    - **Spectacle:** When mature, the capsules hang in large numbers from the branches, creating a magnificent sight.
  - **Phenology:** Blooms in **March–April**; fruits in **May–June**.