Chinese Wing Nut

Pterocarpus stenoptera

Code: XIM-T-072 **Location:** XIM University Campus **Local / Vernacular name:** ଚାଇନା ଖଖା ଆଖଦରାଟ

Description

XIM University campus biodiversity register (2026–27). Recorded individuals: 1; abundance rank: 53.

Botanical Details

Leaf habit: Deciduous Flowers / Fruits: Flowers are greenish and appear in long drooping catkins. Fruits are winged nutlets that hang in clusters and disperse by wind. Native range: Native to China, particularly central and eastern regions.

Uses & Importance

Ecological: The Chinese wingnut supports riparian ecosystems by stabilizing riverbanks with its extensive root system and reducing erosion. Its seeds feed birds and small mammals, while its broad canopy provides shade that lowers water temperatures, improving habitat conditions for aquatic organisms and maintaining stream health.

Medicinal: In traditional Chinese medicine, Pterocarya stenoptera bark and leaves are used for treating joint pain, rheumatism, swelling, and skin infections. Extracts show anti-inflammatory and antibacterial properties, helping relieve pain and reduce swelling. It is also used to improve circulation and support detoxification processes in herbal preparations.

Cultural: The Chinese wingnut tree is incorporated into traditional Chinese cultural landscapes, representing stability , growth, and harmony along water bodies. Its wood is used in carvings and household items, while its presence in ancient gardens and temples reflects its symbolic connection to flowing energy and balanced natural elements.

Location

GPS: 20.15860192, 85.76535449

Directions: https://www.google.com/maps/dir/?api=1&travelmode=walking&destination=20.15860192%2C85.76535449