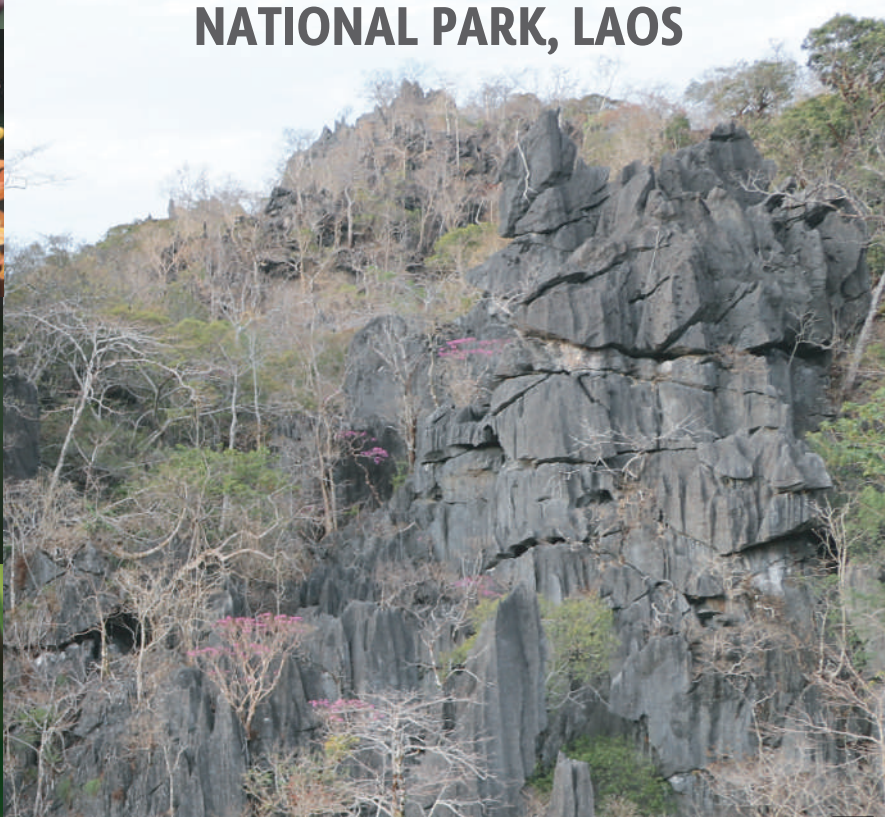


A PHOTO GUIDE TO PLANTS OF

PHOU HIN POUN

NATIONAL PARK, LAOS





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Preface

We are delighted to present *A Photo Guide to Plants of Phou Hin Poun National Park, Laos*. Rising from the plains of central Laos, Phou Hin Poun is a remarkable landscape of limestone towers, cliffs, caves, enclosed valleys, seasonal streams, and forested depressions. These karst formations create many small and sharply contrasting habitats. Moist, shaded rock faces may occur close to exposed summits; evergreen forest persists in valleys and fissures; and deciduous or secondary vegetation develops around the margins. Together, these habitats support an exceptional flora and make Phou Hin Poun one of the most distinctive botanical landscapes in Laos.

The preparation of this guide grew from repeated botanical exploration and taxonomic study. Field surveys in 2016–2017 and 2023–2025 documented plants in flower and fruit, recorded their habitats and local names, and secured voucher specimens for comparison with regional floras, herbarium collections, and reliable digital resources. The work builds on earlier research in the Khammouane Limestone, including surveys that demonstrated how much of the area's flora remained unknown or unrecorded in Laos. Each return to the field has strengthened the same conclusion: the limestone forests of Khammouane still hold many discoveries and deserve sustained scientific attention.

The present working list contains 454 illustrated plant entries, representing 318 genera and 100 families. It includes 430 angiosperms and 24 ferns. The editorial database also highlights 19 taxa treated as new species and 12 taxa treated as new or additional records for the flora of Laos. Several recently described plants appear to be restricted to limestone habitats in or near Phou Hin Poun, illustrating both the park's botanical importance and the vulnerability of species with very narrow ranges.

This book is intended for many kinds of readers: local communities and park staff, students and teachers, botanists and foresters, conservation practitioners, visitors, and everyone interested in the natural heritage of Laos. Field photographs emphasize the appearance of living plants, while scientific names, families, Lao names where available, distributions, habitat information, and concise identification notes provide a practical starting point for recognition. Voucher specimens give each record a verifiable scientific basis and allow future researchers to reassess identifications as botanical knowledge advances.

We hope this photo guide will make the plants of Phou Hin Poun more familiar and valued, encourage careful observation and further study, and support the conservation of the park's limestone forests. Above all, we hope it will help connect scientific knowledge with the people who live near, work in, and care for this extraordinary landscape.

21 September 2026
Phetlasy Souladeth
Anousone Sengthong
Shuichiro Tagane



Introduction

Phou Hin Poun National Park is situated in Khammouane Province in central Laos between approximately 17°26'–18°14'N and 104°22'–105°11'E (a belt of karst 110 km long and 30–120 km wide). Its boundary extends across six districts: Khounkham, Hinboun, Nakai, Thakhek, Gnommalath, and Mahaxai. The main area is formerly known as the Phou Hin Poun National Biodiversity Conservation Area, established as a National Protected Area under Prime Ministerial Decree No. 164/PM of 29 October 1993. Government agencies and scientific institutions incorporated the northern Phou Pha Marn Provincial Protected Area into the existing territory and expanded it, upgrading the site to Phou Hin Poun National Park in 2025. The Phou Hin Poun National Park established under Prime Ministerial Decree No. 318/PM of 12 June 2025, and covers 238,820 hectares, with elevations ranging from about 180 to 1,400 m above sea level (Prime Minister of Lao PDR 2025). Phou Hin Poun forms part of an extensive limestone formation stretching from central Annam in Vietnam to the north of the Hinboun River in central Laos.

The park is defined by steep limestone massifs separated by valleys, basins, caves, cliffs, and underground drainage systems (see landscape photos on pp. 239–241). Much of the terrain is difficult to reach, and even places that are close together horizontally may differ greatly in elevation, exposure, moisture, soil depth, and disturbance. Forest survives in sheltered valleys, at the foot of cliffs, within rock fissures, and on karst slopes where roots penetrate narrow pockets of soil. Other habitats include exposed limestone crests, seasonally dry forest, semi-evergreen and mixed deciduous forest, riparian vegetation, secondary growth, grassland, and vegetation around villages and cultivated land.

The Khammouane Limestone has the karst environments that impose severe conditions on plants. Soils are often shallow and discontinuous; exposed rocks become hot and dry; rainfall drains rapidly underground; and cliffs and sinkholes isolate populations. At the same time, shaded caves, moist gullies, and forested depressions can retain humidity. This close juxtaposition of dry and wet microsites promotes ecological specialization. Some species are able to grow directly on limestone, while others are confined to sheltered forest or to the transition between limestone and deeper soils.

TABLE 1. Number of herbarium specimens and photographs gathered from our field surveys.

Survey period	No. of specimens	collection number	No. of field photos
26 December 2016	45	L411–L455	308
26 and 30 June 2017	45	L939–L976, L1200–L1205	314
7 September 2023	36	Z520–Z555	319
14–19 March 2024	282	Z753–870, Z971–Z1248	6,209
21 June 2024	41	Z1362–Z1402	1,226
4–9 September 2024	507	Z1417–Z1921	5,794
22–25 November 2024	150	Z1922–Z2070	1,511
3–9 March 2025	346	Z2071–Z2415	5,130
26–29 June 2025	328	Z2417–Z2744	2,623
Total	**1,780**	-	**23,434**

Isolation among karst blocks can also favour the evolution of plants with very small geographic ranges. Research in this area has long been botanically under-explored. Prosperi *et al.* (2018) reported 27 taxa from Phou Hin Poun as additions to the available national checklists, demonstrating the value of field surveys in filling gaps in knowledge. Also, our fieldwork underlying this guide included surveys in December 2016, June 2017, and between September 2023 and June 2025 (Table 1). Plants were photographed in their natural habitats, and observations were recorded on growth form, height, colour, abundance, substrate, and vegetation. These observations preserve information that may be lost when specimens are dried. Voucher specimens were collected under the relevant permissions, prepared in the field, and deposited in collaborating herbaria (FOF, KAG, KYO, TNS, VNM). Where possible, leaf material was preserved in silica gel for future molecular studies.

Our fieldwork and taxonomic research have resulted in the formal description and publication of 19 species belonging to 16 families as new to science (Souladeth *et al.* 2017, 2025a, Yang *et al.* 2018, Souvannakhoummane *et al.* 2024, 2026, Kongxaisavath *et al.* 2025, 2026, Phengmala *et al.* 2025, Tagane *et al.* 2025, 2026a, 2026b, Sengthong *et al.* 2026) (Table 2; Figure 1B & C; Figure 2).

Research on the fern '*Tectaria tenerifrons* Ching' based on specimens including Phou Hin Poun has also led to recognition of a new family, Cryptocaulaceae Sundue, T.Fujiw., Limpan. & L.Y.Kuo and a new genus *Cryptocaulon* Vongthavone, Tagane, Sundue & T.Fujiw. (Figure 1A) (Fujiwara *et al.* 2026). This represents a new classification of an already described species, rather than the discovery of a new species. The plants highlighted in the present guide including limestone specialists and taxa currently known only from Laos show that Phou Hin Poun is not only a refuge for regional biodiversity but also an important centre of botanical discovery.

TABLE 2. Species recently described from Phou Hin Poun National Park and its vicinities.

Family	Species	Protologue
Acanthaceae	*Strobilanthes namkadingensis* Soulad. & Tagane	PhytoKeys 81: 13 (2017)
Annonaceae	*Orophea phouphamarnensis* Kongx., Soulad. & Tagane	Phytotaxa 687(1): 16 (2025)
Apocynaceae	*Ceropegia khammouanensis* Phonep. & Rodda	Kew Bull., in press
Araliaceae	*Heptapleurum karsticola* Kongx., Tak.Yamam. & Tagane	Phytotaxa 737(1): 4 (2026)
Araliaceae	*Trevesia laotica* Kongx., Soulad. & Tagane	Phytotaxa 737(1): 7 (2026)
Begoniaceae	*Begonia namkadingensis* C.J.Yang, Soulad. & Tagane	Phytotaxa 334: 195 (2018)
Fabaceae	*Saraca laotica* Tagane & Soulad.	Phytotaxa 749(1): 2 (2026)
Gesneriaceae	*Lysionotus calcicola* Phonep., Soulad. & Souvann.	Nordic J. Bot. 2025(6)-e04620: 4 (2025)
Malvaceae	*Firmiana laotica* Sengthong, Soulad. & Tagane	Acta Phytotax. Geobot. 77(1): 28 (2026)
Malvaceae	*Grewia souladethiana* Phengmala & Tagane	Phytotaxa 728(1): 63 (2025)
Melastomataceae	*Melastoma calcicola* Souvann. & Tagane	Eur. J. Taxon. 1034: 3 (2026)
Melastomataceae	*Melastoma souladethianum* Souvann. & Nob.Tanaka	Eur. J. Taxon. 1034: 6 (2026)
Myrtaceae	*Syzygium khammouanense* V.S.Dang, Tagane & Soulad.	Kew Bull. 81(2): 427 (2026)
Polypodiaceae	*Drynaria deuansavanhii* Vongthavone & Tagane	Kew Bull. 80(1): 186 (2025)
Pteridaceae	*Hemionitis khammouanensis* Vongthavone & Phonep.	Kew Bull. 80(1): 189 (2025)
Rubiaceae	*Greenea laotica* Soulad., Souvann. & Tagane	Thai Forest Bull., Bot. 54(1): 1 (2026)
Sapotaceae	*Palaquium laoticum* Tagane & Soulad.	Thai Forest Bull., Bot. 54(1): 4 (2026)
Stemonuraceae	*Gomphandra laotica* Soulad., V.S.Dang & Tagane	J. Jap. Bot. 100(4): 295 (2025)
Vitaceae	*Tetrastigma fruticosum* Soulad., Phonep. & Tagane	Phytotaxa 683(1): 10 (2025)

Phou Hin Poun lies within a tropical monsoon region, with most rainfall occurring during the wet season and a pronounced drier period during the cooler months. Seasonal changes strongly influence flowering, fruiting, leaf fall, stream flow, and access to field sites. For this reason, botanical inventories made in only one season capture only part of the flora. Repeated visits are essential, particularly for groups that are difficult to identify when sterile or that flower for a short period after rain.

Identifications were made by comparison with regional floras, taxonomic revisions, original descriptions, type images, and authenticated herbarium specimens. Scientific names and broader distributions were checked against botanical reference sources during preparation of the guide. Because classifications and species limits may change as new evidence becomes available, voucher specimens provide an essential basis for reassessing identifications and verifying records.

Accounts are grouped by major plant group, the families are arranged in phylogenetic order, while genera and species are organized alphabetically. Each account provides the accepted scientific name and author citation, family, Lao name where known, and notes on a concise description, frequency, habitat, and identification. Photographs illustrate diagnostic features where suitable material was available. The guide provides a practical starting point for identification. Readers should compare several characters and consult specialist literature or herbarium material when identification remains uncertain.

The conservation importance of Phou Hin Poun extends beyond its species richness. Its vegetation helps retain soil, contributes to water regulation, provides habitat for wildlife, and supports livelihoods and cultural practices in neighbouring communities. Plants with very small ranges may be particularly vulnerable to habitat loss or disturbance. Quarrying, fire, forest clearance, unsustainable harvesting, infrastructure development, and poorly managed tourism can threaten limestone habitats. Reliable plant identification and accessible records can support management, environmental education, and long-term monitoring.

We hope this guide will encourage closer observation of the plants of Phou Hin Poun and provide a foundation for further research. Continued collaboration among local communities, park managers, Lao institutions, and international specialists will be essential to document the flora, train future botanists, and conserve the park's limestone ecosystems.

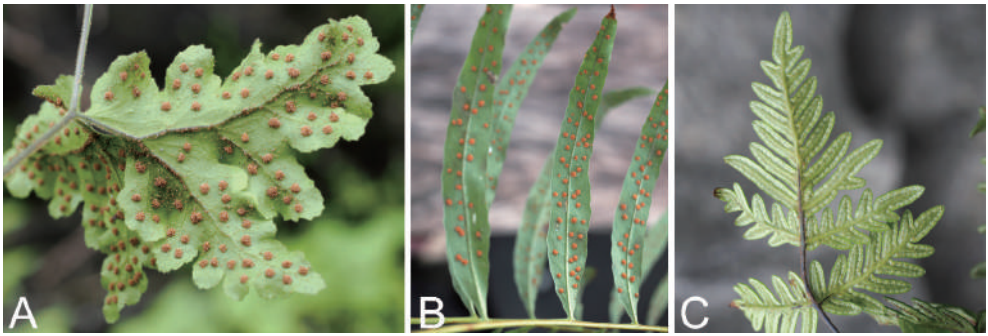
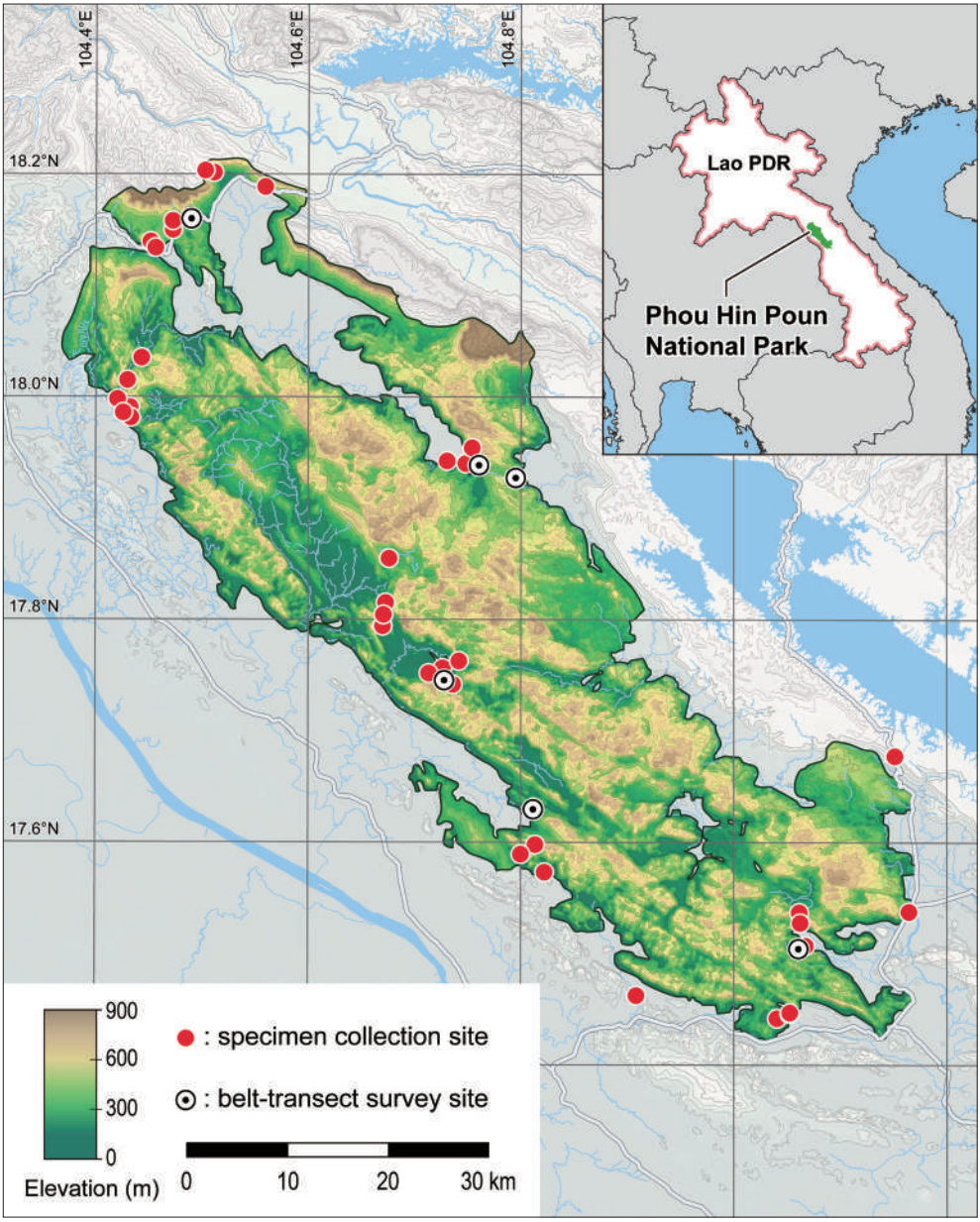


FIGURE 1. Fern species newly discovered and recorded from Phou Hin Poun National Park. A. *Cryptocaulon tenerifrons*; B. *Drynaria deuansavanhii*; C. *Hemionitis khammouanensis*.



FIGURE 2. Flowering plant species new to science from Phou Hin Poun National Park. A. *Strobilanthes namkadingensis*; B. *Orophea phouphamarnensis*; C. *Ceropegia khammouanensis*; D. *Heptapleurum karsticola*; E. *Trevesia laotica*; F. *Begonia namkadingensis*; G. *Saraca laotica*; H. *Lysionotus calcicola*; I. *Firmiana laotica*; J. *Grewia souladethiana*; K. *Melastoma calcicola*; L. *Melastoma souladethianum*; M. *Syzygium khammouanense*; N. *Greenea laotica*; O. *Palaquium laoticum*; P. *Gomphandra laotica*; Q. *Tetrastigma fruticosum*.

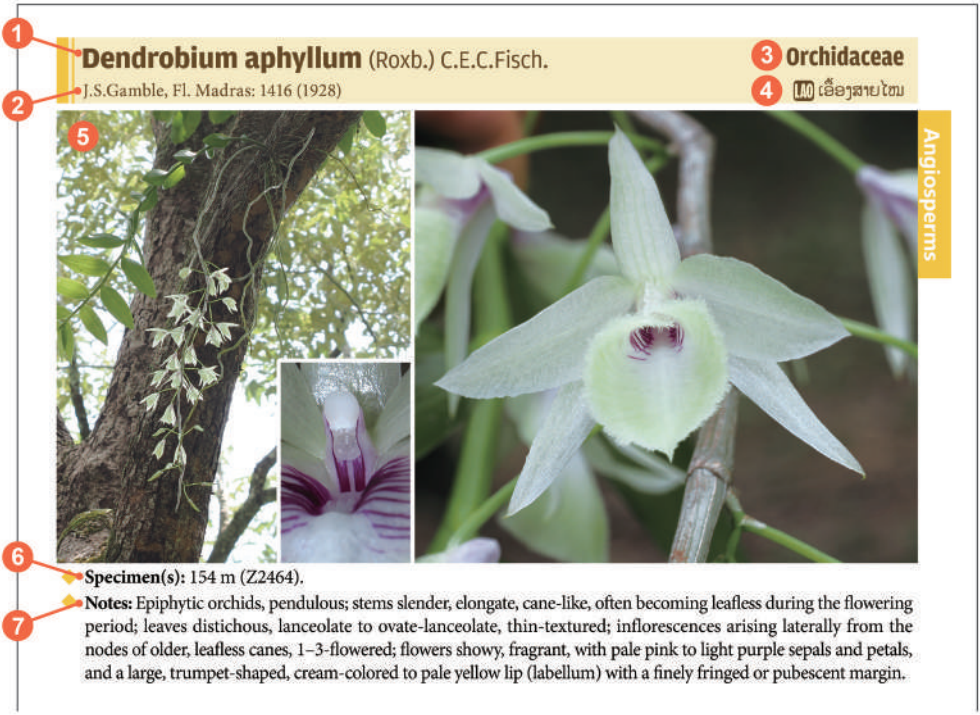
Map



MAP. Phou Hin Poun National Park and our surveyed sites.

The rivers and waters are displayed using vector data of OpenStreetMap (https://www openstreetmap.org © OpenStreetMap contributors), under the Open Data Commons Open Database License (https://openstreetmap.org/copyright). The contour lines are created using the ASTER Global Digital Elevation Model ver. 3 (NASA *et al.* 2019).

How to Use This Book



1. **Scientific name:** the currently accepted name of the taxon, following Ebihara *et al.* (2006), Fawcett & Smith (2021), Govaerts (2026), and Schuettpelz *et al.* (2025); other references, if any, are indicated in **Notes** of respective species.
2. **Literature:** the original publication in which the scientific name was legitimately published.
3. **Family name:** following the latest internationally accepted classifications based on molecular phylogenetic analyses (PPG I 2016; APG IV 2016).
4. **Vernacular name:** Lao name of each taxon.
5. **Photographs:** photos of the plant's habit, vegetative and reproductive organs taken during our field survey.
6. **Collection information:** elevation(s) at which the voucher specimen(s) were collected, along with their collection number(s).
7. **Notes:** a short description of the species including habits, habitats, abundance around the collection sites, morphological characteristics etc.

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PTERIDOPHYTES



ANGIOSPERMS



Selaginella repanda (Desv.) Spring

Selaginellaceae

C.Gaudichaud-Beaupré, Voy. Bonite, Bot. 2: 329 (1846)

LAO ຕີນເຕົ່າແງ່ມ



- **Specimen(s):** 196 m (Z1398).
- **Notes:** Terrestrial or epilithic, 25 cm tall, on rocks or on soil banks in mixed or deciduous forests; stems suberect, rhizophores on lower portion of main stems, main stems pinnately branched from near base upward, ventral leaves ovate-lanceolate, base long ciliolate, dorsal leaves white-margined, base obliquely subcordate, margin long ciliolate (denticulate to apex), apex long acuminate.

Helminthostachys zeylanica (L.) Hook.

Ophioglossaceae

Gen. Fil.: t. 47B (1840)

LAO ຜັກນົກຍຸງ



- **Specimen(s):** 154 m (Z2474).
- **Notes:** Terrestrial, 60 cm tall, rarely on humus-rich slopes in light shade; rhizome shortly creeping, dorsiventral with fronds in 2 rows on dorsal side. The young shoots and leaves are eaten as a leafy vegetable, traditionally used to treat inflammation, fever, asthma, tuberculosis, and malaria.

Dicranopteris linearis (Burm.f.) Underw.

Gleicheniaceae

Bull. Torrey Bot. Club 34: 250 (1907)

LAO ຜັກກູດຕີນຮຸ້ງ, ກູດກ້ານແຂງ



- **Specimen(s):** 273 m (Z1835).
- **Notes:** Terrestrial ferns, up to 3 m tall, common in secondary forests, on dry slopes in open areas; at each fork, except the ultimate one, a pair of accessory branches present; used traditionally for various medicinal purposes.

Adiantum caudatum L.

Pteridaceae

Mant. Pl. 2: 308 (1771)

LAO ກູດກ້ານດຳຕີນກັບແກ້



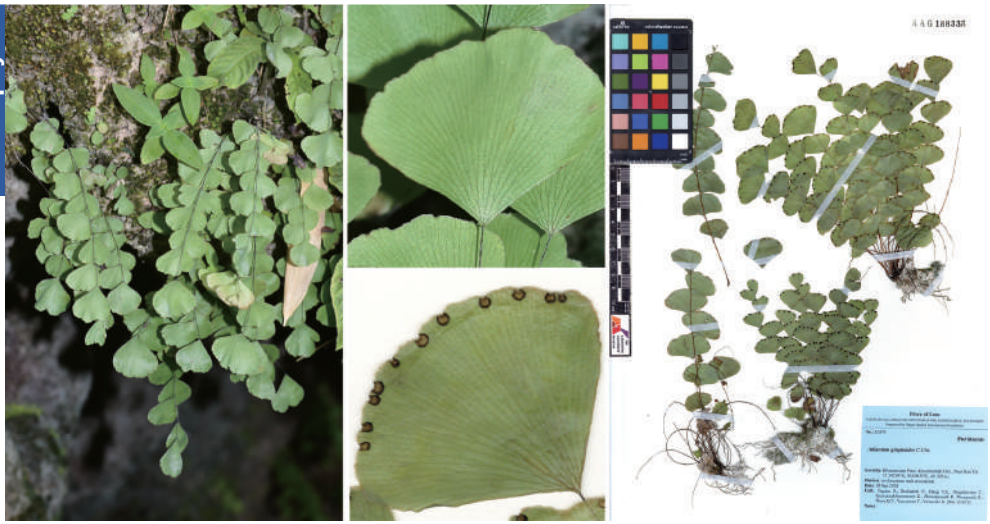
- **Specimen(s):** 216 m (Z2245), 253 m (Z1868).
- **Notes:** Terrestrial or lithophytic ferns, 40 cm tall, common in semi-evergreen forest on limestone karst; stipe, rachis and pinnae densely hairy on both surfaces. The frond extracts exhibite antibacterial activity.

Adiantum gingkoides C.Chr.

Pteridaceae

Bull. Mus. Natl. Hist. Nat., sér. 2, 6: 100 (1934)

LAO ກຸດກ້ານດຳນາງຕັດ



- **Specimen(s):** 225 m (Z1675).
- **Notes:** Lithophytic, 15 cm tall, on wet rocks in shaded, humid forest environments; lamina glabrous, pinnate, terminal pinna similar to the lateral pinnae; venation flabellate, forked 3–4 times, sori scattered around margin, semi-orbicular, short, indusia black, thickened, glabrous.

Adiantum philippense L.

Pteridaceae

Sp. Pl.: 1094 (1753)

LAO ກຸດກ້ານດຳຫາງຊິ້ງຊ້ຳ



- **Specimen(s):** 159 m (Z2560), 201 m (Z1585).
- **Notes:** Terrestrial or lithophytic ferns, 40 cm tall, common in semi-evergreen forests; widely distributed; all parts glabrous. Its bioactive compounds could be useful in the prevention of different diseases.

Aleuritopteris anceps (Blanf.) Panigrahi

Pteridaceae

Bull. Bot. Surv. India 2: 321 (1961)

LAO ภุดก้ามดำ



- **Specimen(s):** 435 m (Z554).
- **Notes:** Lithophytic, 30 cm tall, on dry rocks in light shade in mixed deciduous forests; rhizome erect, scales bicolorous, dark brown to black with lighter margins, lamina papery or thinly leathery when dry, abaxially with white farina, adaxially glabrous, false indusia interrupted, with laciniate margins.

Antrophyum henryi Hieron.

Pteridaceae

Hedwigia 57: 208 (1916)

LAO ภุดห้อยลายใบพาย



- **Specimen(s):** 217 m (Z1387).
- **Notes:** Epiphytic or lithophytic, 15 cm tall, on wet moss-covered rocks or on tree trunks; stipe indistinct, lamina subleathery, linear-lanceolate up to 1.5 cm wide, widest at middle or above, soral lines 3–5, zigzag, subparallel, continuous or interrupted, lower 1/3 not fertile; paraphyses taeniform.

Calciphilopteris ludens (Wall. ex Hook.) Yesilyurt & H.Schneid. — Pteridaceae

Phytotaxa 7: 56 (2010) — LAO ກູດກ້ານດຳລາຊະນີ, ກູດກ້ານດຳອ່າວ



- **Specimen(s):** 173 m (Z2512), 194 m (Z1722), 206 m (Z1558), 435 m (Z549).
- **Notes:** Terrestrial or lithophytic ferns, 40 cm tall, common in semi-evergreen forests on limestone karst; widely distributed; sterile lamina less lobed, fertile lamina deeply pinnatisect; used for ornamental purposes.

Hemionitis khammouanensis Vongthavone & Phonep. — Pteridaceae

Kew Bull. 80: 189 (2025) — LAO ປັກສາສະຫວັນ



- **Specimen(s):** 253 m (Z1842).
- **Notes:** Perennial lithophytic herbs 16 cm tall, growing in an open area of limestone karst at low elevation; lamina 2-pinnate-pinnatifid, leathery, adaxial surface dark green and sparsely hairy, abaxial surface pale green and covered with brown multicellular hairs; sori interrupted at sinuses and segment tips.

Parahemionitis arifolia (Burm.f.) Panigrahi

Pteridaceae

Indian Fern J. 9: 244 (1992 publ. 1993)

LAO ภูดใบบอม, ภูดใบยิอ, ภูดใบมูบ





- **Specimen(s):** 174 m (Z1471).
- **Notes:** Terrestrial ferns, 20 cm tall, common in lowland evergreen forests; widely distributed; fronds dimorphic. It is used for ornamental purposes and the frond extracts exhibit potential anticancer activities.

Pityrogramma calomelanos (L.) Link

Pteridaceae

J.C.Mössler, Handb. Gewächsk., ed. 3. 3: 20 (1833)

LAO ภูดสุมก้ามดำ




- **Specimen(s):** 273 m (Z1836).
- **Notes:** Terrestrial ferns, 60 cm tall, common on open mountain slopes; widely cultivated as ornamental plants, the white farina has cytotoxic and anticancer chemical called dihydrochalcone.

Bolbitis appendiculata (Willd.) K.Iwats.

Dryopteridaceae

Acta Phytotax. Geobot. 18: 48 (1959)

LAO ภูดหิน



- **Specimen(s):** 213 m (Z1767), 435 m (Z981), 453 m (Z2370), 458 m (Z785).
- **Notes:** Lithophytic, 30 cm tall, common in broad-leaved evergreen forests; on mossy moist rocks near streams; sterile pinnae obtuse or rounded at apex, auricled at acroscopic and dimidiate at basiscopic bases.

Cryptocaulon tenerifrons (Hook.) Limpan., Yoneoka, Ebihara & L.Y.Kuo

Cryptocaulaceae

J. Pl. Res. 139(3): 378 (2026)

LAO ภูดมาอาย



- **Specimen(s):** 173 m (Z2534), 194 m (Z1738).
- **Notes:** Epipetric, 40 cm tall, occasionally on semi-shaded limestone walls; rhizome creeping, somewhat carnose, lamina thinly herbaceous, covered with short hairs on both surfaces; sori round to oblong, up to two times longer than wide.

Tectaria impressa (Fée) Holttum

Tectariaceae

Fl. Males., Ser. 2, Pterid. 2(1): 51 (1991)

LAO ກูดกาวๆ





- **Specimen(s):** 464 m (Z2351).
- **Notes:** Terrestrial, 60 cm tall, common in lowland evergreen forests mixed with bamboo; fertile fronds rather tall but contracted, veins anastomosing to form areoles with included free veinlets.

Tectaria manilensis (C.Presl) Holttum

Tectariaceae

Indian Fern J. 1: 36 (1985)

LAO ກูดกาวๆมะนิ



- **Specimen(s):** 173 m (Z1653), 206 m (Z1557), 225 m (Z1681), 259 m (Z1609).
- **Notes:** Lithophytic, ca. 40 cm tall, growing in limestone rock crevices in light shade at low elevations; rhizomes creeping, fleshy; lamina tripinnate, thinly herbaceous, densely covered with articulate hairs on both surfaces; rachis slender, winged, and hairy; veins free; sori terminal on short acroscopic veinlet branches; indusia small, reniform, glabrous.

Drynaria bonii Christ

Notul. Syst. (Paris) 1: 186 (1910)

Polypodiaceae

LAO ກຸດກະຮອກກາບລົມ



- **Specimen(s):** 198 m (Z2269), 435 m (Z532).
- **Notes:** Lithophytic or epiphytic, 70 cm tall, common in evergreen forests, on limestone karst or on tree trunks. This species is used in traditional medicine to treat bone diseases, osteoporosis, and fractures.

Drynaria deuansavanhii Vongthavone & Tagane

Kew Bull. 80: 186 (2025)

Polypodiaceae

LAO ດາຣາສະຫວັນ



- **Specimen(s):** 173 m (Z1620).
- **Notes:** Lithophytic on limestone rocks, or sometime epiphytic on tree trunks and branches in semi-shaded limestone forest, up to 50 cm tall. This species is described by Vongthavone *et al.* (2024) based on the specimen from Phou Pha Marn Rock Viewpoint. The species epithet is coined in honour of Mr. Inthy Deuansavanh who is the Lao's ecotourism pioneer and sustainable entrepreneur.

Lepisorus carnosus (Hook.) C.F.Zhao, R.Wei & X.C.Zhang

Polypodiaceae

Cladistics 36: 252 (2019)

LAO ภูดเถือใบกวง



- **Specimen(s):** 435 m (Z531).
- **Notes:** Epiphytic, 10 cm tall, on branches of tree trunks in dense mossy forests; rhizome long creeping, slender, sterile lamina ovate to ovate-oblong, coriaceous, fertile lamina linear up to 10 cm long, about 5 mm broad, sporangia covering the whole undersurface of laminae except midrib and margin.

Leptochilus decurrens Blume

Polypodiaceae

Enum. Pl. Javae 2: 206 (1828)

LAO ภูดอ้อม



- **Specimen(s):** 287 m (Z1749).
- **Notes:** Lithophytic, 40 cm tall, common in lowland evergreen forests, on wet rocks near streams in shaded areas; rhizome long creeping, scales distinctly clathrate, concolorously brown, margin minutely toothed.

Leptochilus digitatus (Baker) Noot.

Polypodiaceae

Blumea 42: 282 (1997)

LAO ກູດຫອກສາມງ່າມ





- **Specimen(s):** 213 m (Z1769).
- **Notes:** Terrestrial or epiphytic, 30 cm tall, occasional in dense evergreen forests, on humus rich soil or climbing on lower tree trunks in shaded areas; rhizome slender, long creeping, lamina digitately to pedately lobed, thinly herbaceous.

Microsorum punctatum (L.) Copel.

Polypodiaceae

Univ. Calif. Publ. Bot. 16: 111 (1929)

LAO ກູດໃບລິ້ນໄມ້




- **Specimen(s):** 174 m (Z1469).
- **Notes:** Epiphytic, 70 cm tall, common in lowland evergreen forests in semi-shaded areas; widely distributed across country and cultivated as ornamental plants; rhizome short creeping, lamina leathery, sori round, superficial.

Pyrrosia stenophylla (Bedd.) Ching

Polypodiaceae

Bull. Chin. Bot. Soc. 1: 55 (1935)

LAO ກູດໃບດຽວ



- **Specimen(s):** 405 m (Z1021).
- **Notes:** Epiphytic or lithophytic, 30 cm tall, on mossy tree trunks or on rocks in forests at high elevations; rhizome scales peltate, margins ciliate, fronds monomorphic, stipes indistinct, lamina linear, widest above middle, leathery, hydathodes distinct; indument of sterile parts dimorphic, with curled and straight rays, lamina margins revolute over sori, sporangia sessile or subsessile.

Pyrrosia stigmosa (Sw.) Ching

Polypodiaceae

Bull. Chin. Bot. Soc. 1: 67 (1935)

LAO ກູດໃບດຽວຫາງໄຮ່ກຸ້ມ



- **Specimen(s):** 154 m (Z2460), 225 m (Z1663).
- **Notes:** Lithophytic or epiphytic, 40 cm tall, common in lowland evergreen forests on limestone karst; lamina base cuneate, hydathodes distinct on adaxial surface. It could be used as ornamental plant.

Knema globularia (Lam.) Warb.

Myristicaceae

Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur. 68: 601 (1897)

LAO ບາເລືອດ



- **Specimen(s):** 259 m (Z1603), 396 m (Z2393), 423 m (Z989).
- **Notes:** Trees 15–35 m tall, found in seasonal evergreen forest, characterized by leaves elliptic, glabrous, 8–25 cm; inflorescences 2–7-flowered; fruits subglobose, 1.5–1.6 cm. Govaerts (2026) treated this name as a synonym of *Knema corticosa* Lour.

Anaxagorea luzonensis A.Gray

Annonaceae

U.S. Expl. Exped., Phan. 1: 27 (1854)

LAO ກ້ຳລັງຊ້າງສານ



- **Specimen(s):** 196 m (Z1392).
- **Notes:** Shrubs, 0.2–5 m tall; twigs brown, glabrous to sparsely hairy; leaves oblong to elliptic, glabrous, with 6–10 pairs of lateral veins; flowers solitary or paired, terminal or leaf-opposed, white to greenish, with many stamens.

Cyathocalyx harmandii (Finet & Gagnep.) R.J.Wang & R.M.K.Saunders

Annonaceae

Taxon 59: 1730 (2010)

LAO ກະດັນງາ



- **Specimen(s):** 191 m (Z2277).
- **Notes:** Trees, up to 30 m tall, found in dry evergreen forest on limestone valley; young branches sparsely hairy, becoming glabrous; leaves elliptic to oblong, glabrous, with prominent veins; flowers 1–3 per inflorescence, with narrow elongated petals and numerous stamens.

Huberantha cerasoides (Roxb.) Chaowasku

Annonaceae

Kew Bull. 70(2)-23: 2 (2015)

LAO ນ້ຳເຕົ້າຂາວ



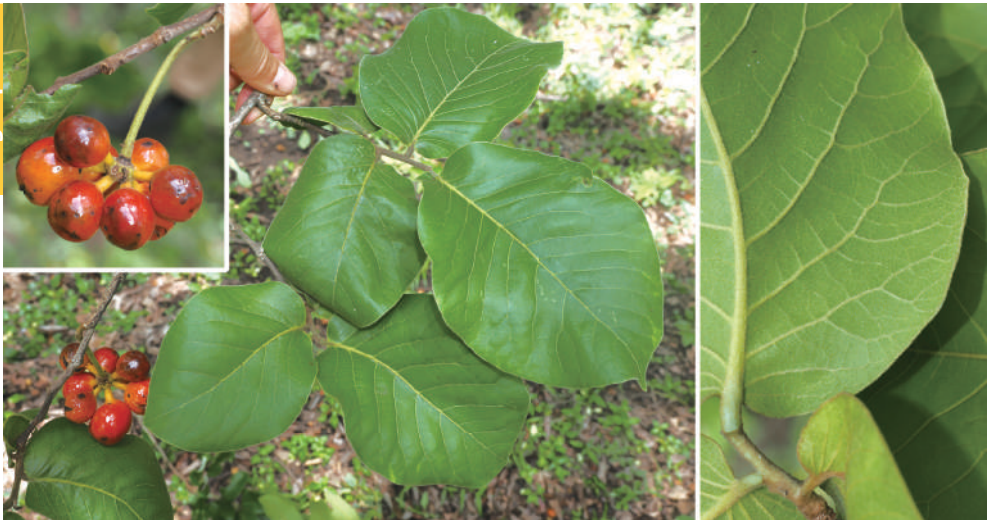
- **Specimen(s):** 177 m (Z2097).
- **Notes:** Trees, up to 15 m tall, occasional in dry deciduous forest, semi-evergreen forest; twigs tomentose; leaves elliptic to obovate, glabrous above and hairy beneath; flowers 1–2, cream-yellow, with numerous stamens and carpels.

Miliusa velutina (DC.) Hook.f. & Thomson

Annonaceae

Fl. Ind. Syst. Account 1: 151 (1855)

LAO ຕົ້ນຫ້າຫອກ



- **Specimen(s):** 154 m (Z2473).
- **Notes:** Deciduous trees, up to 20 m tall; twigs and leaves densely tomentose; leaves broadly ovate to elliptic, hairy on both surfaces; inflorescences terminal or leaf-opposed, few-flowered; fruits composed of red, globose to ellipsoid monocarps, densely hairy, with 1–2 seeds.

Mitrephora tomentosa Hook.f. & Thomson

Annonaceae

Fl. Ind. Syst. Account 1: 113 (1855)

LAO ລຳດວນ



- **Specimen(s):** 156 m (Z2575).
- **Notes:** Trees, up to 20 m tall; young branches densely pubescent; leaves ovate to lanceolate, leathery, glabrous; flowers in short racemes, yellow to cream with purple streaks; fruits composed of several yellow to orange, globose, densely hairy monocarps, with long stalks.

Monoon namkadingense Soulad. & Tagane

Annonaceae

Phytotaxa 336: 83 (2018)

LAO พี่พอมน้อยน้ำกะดิง



- **Specimen(s):** 282 m (L411).
- **Notes:** Trees, up to 15 m tall; twigs puberulent when young, becoming glabrous; leaves elliptic to obovate, glabrous; flowers 1–3 on old twigs behind leaves, greenish yellow, with 6 petals and numerous stamens; fruits reddish to blackish monocarps, ellipsoid, glabrous, each containing one seed; endemic to central Laos (Tagane *et al.* 2018).

Neo-uvaria laosensis Tagane & Soulad.

Annonaceae

Phytotaxa 336: 85 (2018)

LAO ກะແຊງດິງນ้ำกะดิง



- **Specimen(s):** 423 m (Z991).
- **Notes:** Trees up to 11 m tall; leaves elliptic-oblong, densely villous beneath; flowers axillary or borne on old twigs behind leaves, cream-colored, with hairy sepals and petals; fruits with 1–3 large, ellipsoid-ovoid, densely hairy monocarps; seeds solitary and large. This species was originally described from Nam Kading (Tagane *et al.* 2018), and endemic to Laos.

Orophea phouphamarnensis Kongx., Soulad. & Tagane

Annonaceae

Phytotaxa 687: 16 (2025)

LAO ຜາມ່ານອົນທິ



- **Specimen(s):** 423 m (Z994).
- **Notes:** Evergreen trees, up to 20 m tall; young twigs and petioles densely hairy; leaves oblong-elliptic to ovate, glabrous above and hairy beneath; flowers axillary or on old twigs behind leaves, small, with 3 sepals, 6 petals, and 12 stamens; carpels 10–12. This species was described based on our collection *Z994* from Phou Phar Marn (Kongxaisavath *et al.* 2025); so far known only from a few individuals.

Polyalthia corticosa (Pierre) Finet & Gagnep.

Annonaceae

Mém. Soc. Bot. France 4: 96 (1906)

LAO ໄຄ້ນ້ຳເຕົ້າ



- **Specimen(s):** 458 m (Z795), 458 m (Z825).
- **Notes:** Trees, 2–12 m tall; twigs rusty brown-pubescent; leaves elliptic-oblong, glabrous above and puberulous beneath, with an asymmetrical cordate base; flowers axillary, pale yellow.

Polyalthia evecta (Pierre) Finet & Gagnep.

Annonaceae

Mém. Soc. Bot. France 4: 91 (1906)

LAO ປ້ຳເຕົ້າແລ້ງ



- **Specimen(s):** 179 m (Z2617).
- **Notes:** Shrubs, 0.3–1 m tall; twigs rusty brown-pubescent; leaves elliptic to oblanceolate; flowers supra-axillary or leaf-opposed, pale yellow to yellowish green, with 6 petals, numerous stamens, and 7–15 carpels; fruits subglobose monocarps.

Pseuduvaria rugosa (Blume) Merr.

Annonaceae

Philipp. J. Sci., C 10: 255 (1915)

LAO ຕີນຕັ່ງຕົ້ນ



- **Specimen(s):** 458 m (Z864).
- **Notes:** Trees, up to 10 m tall; young branches hairy; leaves elliptic to obovate, glabrous; inflorescences on branches or on trunk, 3–8-flowered; flowers staminate or hermaphroditic on same or different plants, yellow-green to orange.

Uvaria dulcis Dunal

Monogr. Anonac.: 90 (1817)

Annonaceae

LAO ຕົ້ນຕ້ຽ



- **Specimen(s):** 183 m (Z1674).
- **Notes:** Sarmentose shrubs or climbers, up to 30 m long; young shoots tomentose, becoming glabrous; leaves elliptic to broadly elliptic, obovate, hairy beneath; flowers terminal, pendulous, white to yellow-pink, with numerous stamens; fruits composed of many red, oblong monocarps; seeds 1–8, compressed-ovoid.

Uvaria littoralis (Blume) Blume

Fl. Javae 21-22: 26 (1830)

Annonaceae

LAO ກ້ອຍເຫງົ້ານ່ອງ



- **Specimen(s):** 209 m (Z2734).
- **Notes:** Climbers, up to 30 m long; young shoots ferruginous-tomentose; leaves broadly ovate to obovate, densely hairy beneath; flowers axillary or leaf-opposed.

Uvaria micrantha (A.DC.) Hook.f. & Thomson

Annonaceae

Fl. Ind. Syst. Account 1: 103 (1855)

LAO ຊ້າປາຫຼົດ





- **Specimen(s):** 180 m (Z2140).
- **Notes:** Climbers or scrambling shrubs with slender branches; young shoots sub-tomentose; leaves elliptic to narrowly obovate, mostly glabrous; flowers reddish-brown to yellowish green, less than 1 cm in diam.

Uvaria rufa Blume

Annonaceae

Fl. Javae 21-22: 19 (1830)

LAO ພິພອນ







- **Specimen(s):** 150 m (Z2583).
- **Notes:** Shrubs or woody climbers, up to 25 m long; young shoots ferruginous-tomentose; leaves elliptic to narrowly obovate, hairy on veins; flowers leaf-opposed, red to purple, with numerous stamens and carpels.

Uvaria siamensis (Scheff.) L.L.Zhou, Y.C.F.Su & R.M.K.Saunders

Annonaceae

Syst. Biodivers. 7: 255 (2009)

LAO ลำถอนม้อย



- **Specimen(s):** 151 m (Z1935), 164 m (Z2514).
- **Notes:** Scandent or erect shrubs or small trees, up to 2 m tall or climbers to 20 m tall; young shoots ferruginous-tomentose; leaves lanceolate to elliptic, hairy beneath; flowers solitary; fruits with 2–10 yellow, globose to short-oblongoid monocarps.

Litsea lancifolia (Roxb. ex Nees) Fern.-Vill.

Lauraceae

F.M.Blanco, Fl. Filip., ed. 3. 4(13A): 181 (1880)

LAO ขี้ว



- **Specimen(s):** 213 m (Z1780), 405 m (Z1039), 458 m (Z865).
- **Notes:** Evergreen shrubs up to 3 m tall; branchlets ferruginous or gray-yellow pubescent; leaves subopposite, blades elliptic to lanceolate, pubescent on lower surface; inflorescences axillary; fruits globose to ellipsoid.

Phoebe lanceolata (Nees) Nees

Lauraceae

Syst. Laur.: 109 (1836)

LAO ขายเอิ้ม



- **Specimen(s):** 177 m (Z2099), 190 m (Z2658).
- **Notes:** Trees up to 15 m tall, common in semi-evergreen forest; leaves clustered near the shoot apex; flowers yellowish in panicles at axils near stem apices; fruits ellipsoid, seated in persistent, cup-shaped perianth.

Amorphophallus ferruginosus A.Galloway

Araceae

Aroideana 35: 58 (2012)

LAO ภะบุภา





- **Specimen(s):** 172 m (Z1435).
- **Notes:** Terrestrial herbs with a subterranean tuber, found on semi-shaded limestone rocks; leaf solitary, highly divided, with a ferruginous-spotted petiole; inflorescence solitary, with a brownish to purplish spathe and elongated spadix.

Amorphophallus laoticus Hett.

Araceae

Aroideana 29: 62 (2006)

LAO ภะบุกลาว





- **Specimen(s):** 156 m (Z2572).
- **Notes:** Tuberous herbs, found at open edge of evergreen forest in limestone area; inflorescences solitary, spathe broadly triangular, spadix longer than spathe, upper portion of spadix with scattered hair-like staminodes.

Amorphophallus malkmus-husseinii A.Galloway, Prehsler & Claudel

Araceae

Aroideana 42(1): 67 (2019)

LAO ภะบุกม้อย






- **Specimen(s):** 435 m (Z1220).
- **Notes:** Terrestrial herbs with a subterranean tuber; leaf solitary, petiole slender, greenish, and lamina divided into three main segments with elliptic to lanceolate leaflets; inflorescence solitary; spathe pale green to whitish, with a cylindrical spadix.

Pothos scandens L.

Araceae

Sp. Pl.: 968 (1753)

LAO ຫວາຍຕະມອຍ






- **Specimen(s):** 174 m (Z1446), 180 m (Z2152), 197 m (Z1967), 435 m (Z974).
- **Notes:** A root-climbing secondary hemiepiphytes up to 6 m; stems weakly 4-angled; leaves leathery, ovate to lanceolate, with broadly-winged petioles; inflorescences solitary axillary, spathes green-maroon; fruits scarlet, obclavate.

Rhaphidophora megaphylla H.Li

Araceae

Acta Phytotax. Sin. 15(2): 102 (1977)

LAO ພຸຊ້າງ




- **Specimen(s):** 209 m (Z2737).
- **Notes:** Large robust lianas up to 40 m; stems thick, cylindrical; leaves leathery, blades ovate-oblong, to 90 cm long; inflorescences axillary, fascicled; flowers with large yellow-green spathes and cylindrical spadices; infructescences broad cylindrical.

Dioscorea alata L.

Sp. Pl.: 1033 (1753)

Dioscoreaceae

LAO ມັນເຢົ້າຂາວ, ມັນຫຼ່ຽມ



- **Specimen(s):** 180 m (Z1973), 195 m (Z1572).
- **Notes:** Climbers, up to 15 m; tubers large; indumentum absent; stems unarmed; leaves simple, opposite, blades ovate to broadly ovate, base sagittate-cordate, chartaceous, 7–11-veined; inflorescences pendent, spicate, 2–4 per axil.

Dioscorea arachidna Prain & Burkill

J. Proc. Asiat. Soc. Bengal 10: 21 (1914)

Dioscoreaceae

LAO ມັນໄດ, ມັນແຊງ



- **Specimen(s):** 435 m (Z524).
- **Notes:** Climbers up to 6 m; indumentum absent; stems usually unarmed; leaves 3-foliolate, chartaceous, broadly obovate-oblanceolate, glabrous, 1(–3)-veined; inflorescences pendent, spicate, 1–2 per axil; capsules reflexed at maturity.

Dioscorea hispida Dennst.

Dioscoreaceae

Schlüssel Hortus Malab.: 33 (1818)

LAO ກອຍ



- **Specimen(s):** 455 m (Z1209), 455 m (Z533).
- **Notes:** Annual climbers, to 15 m; tubers clustered; indumentum usually present, denser on young shoots and inflorescences; young stem sometimes glaucous, distal stem prickly or unarmed; leaves 3-foliolate, chartaceous, leaflets with 5 basal veins extending to the apex.

Dioscorea pentaphylla L.

Dioscoreaceae

Sp. Pl.: 1032 (1753)

LAO ມັນອີ່ມຸ, ມັນອ້ອນ



- **Specimen(s):** 154 m (Z1899), 173 m (Z2536).
- **Notes:** Climbers, to 15 m; stems densely armed with prickles when young; leaves alternate, 3–5-foliolate, leaflets narrowly obovate to oblanceolate. Tubers and bulbils are edible.

Stemona pierrei Gagnep.

Stemonaceae

Bull. Soc. Bot. France 81: 147 (1934)

LAO สามสิบกีบดำรัก



- **Specimen(s):** 159 m (Z2567).
- **Notes:** Decumbent herbs, found in disturbed secondary semi-evergreen forest at the foot of a limestone mountain; leaves alternate, with subtruncate bases and 5–9 veins; inflorescences 1–3-flowered. Inthachub and Duyfjes (2011) described the inflorescences as sessile, but our specimen bears sessile to short-stalked inflorescences (stalks up to 2 mm long, becoming ca. 9 mm long in infructescence).

Coelogyne imbricata (Hook.) Rchb.f.

Orchidaceae

W.G.Walpers, Ann. Bot. Syst. 6: 238 (1861)

LAO เอื้องหงษ์ใบส้อย



- **Specimen(s):** 172 m (Z1434).
- **Notes:** Epiphytic orchids, creeping; pseudobulbs clustered, ovoid to ellipsoid, covered with overlapping fibrous sheaths; leaves solitary per pseudobulb, oblong-elliptic to oblanceolate, leathery, petiolate; inflorescences hysteranthous or proteranthous, synanthous, pendulous, densely many-flowered; flowers small, overlapping, cream-colored to brownish-yellow, bracts prominent and persistent.

Dendrobium aphyllum (Roxb.) C.E.C.Fisch.

Orchidaceae

J.S.Gamble, Fl. Madras: 1416 (1928)

LAO ເອື້ອງສາຍໄໝ



- **Specimen(s):** 154 m (Z2464).
- **Notes:** Epiphytic orchids, pendulous; stems slender, elongate, cane-like, often becoming leafless during the flowering period; leaves distichous, lanceolate to ovate-lanceolate, thin-textured; inflorescences arising laterally from the nodes of older, leafless canes, 1–3-flowered; flowers showy, fragrant, with pale pink to light purple sepals and petals, and a large, trumpet-shaped, cream-colored to pale yellow lip (labellum) with a finely fringed or pubescent margin.

Dendrobium chrysotoxum Lindl.

Orchidaceae

Edwards's Bot. Reg. 33: t. 19 (1847)

LAO ເອື້ອງຄຳ



- **Specimen(s):** 455 m (Z1218).
- **Notes:** Epiphytic orchids, erect or ascending; pseudobulbs clavate to fusiform, distinctly ridged or furrowed, multi-noded; leaves 2–5, clustered near the apex, leathery, oblong-lanceolate; inflorescences lateral from near the top of the pseudobulb, arching to pendulous, densely many-flowered; flowers golden-yellow to orange-yellow, lip (labellum) rounded and finely fringed (fimbriate) with a deeper orange-yellow center.

Goodyera procera (Ker Gawl.) Hook.

Orchidaceae

Exot. Fl. 1: t. 39 (1823)

LAO ເອື້ອງຟອຍ



- **Specimen(s):** 458 m (Z799).
- **Notes:** Terrestrial orchids, erect, robust; stems fleshy, covered with leaves in the lower half; leaves several, closely spaced, elliptic to oblong-lanceolate, smooth, uniform glossy green, petiolate with sheathing bases; inflorescences terminal, an erect, elongated, densely many-flowered spike-like raceme; flowers very small, globular, tightly crowded, white to cream-colored, fragrant.

Habenaria medioflexa Turrill

Orchidaceae

Bull. Misc. Inform. Kew 1923: 118 (1923)

LAO ຫວ້ານນາງອົ້ວ



- **Specimen(s):** 225 m (Z1677).
- **Notes:** Terrestrial orchids, erect; stems fleshy, leafy; leaves lanceolate to ovate-lanceolate, green, with sheathing bases; inflorescences terminal, an erect, multi-flowered raceme; flowers showy, featuring green sepals and a prominent white lip; lip deeply three-lobed, with the lateral lobes finely and extensively divided into numerous hair-like or feather-like fringes, and a long, slender, downward-curving nectar spur.

Habenaria myriotricha Gagnep.

Orchidaceae

Bull. Soc. Bot. France 78: 72 (1931)

LAO ນາງອົ້ວ



- **Specimen(s):** 435 m (Z553).
- **Notes:** Terrestrial orchids, erect; stems robust, fleshy, leafy at the base or lower half; leaves elliptic-oblong to lanceolate, glossy green, with sheathing bases; inflorescences terminal, a tall, erect, laxly to densely multi-flowered raceme; flowers highly spectacular and intricate, resembling white birds or spiders in flight, featuring small green sepals and a massive white lip (labellum); lip deeply 3-lobed, with the lateral lobes spectacularly divided into numerous, exceedingly long, thread-like radiating fringes, a reddish-brown coloration near the column base, and a long, slender nectar spur.

Hypoxis aurea Lour.

Hypoxidaceae

Fl. Cochinch.: 200 (1790)

LAO ຫຍ້າດອກຄຳ



- **Specimen(s):** 161 m (Z2445).
- **Notes:** Perennial herbs, occasional in open grassland; rhizomes fleshy, fibrous; leaves linear, yellowish pilose; flowers 1–2, on slender stem; perianth yellow, segments persistent; capsule clavate, 3-valved; seeds numerous, tuberculate.

Dracaena angustifolia (Medik.) Roxb.

Asparagaceae

Hort. Bengal.: 24 (1814)

LAO ຄອນແຄນ





- **Specimen(s):** 209 m (Z2693), 435 m (Z982).
- **Notes:** Shrubs, rhizomatous, up to 3 m tall; occasional in semi-evergreen and evergreen forests; leaves spaced along upper stems due to elongated internodes; blades linear-oblanceolate.

Arenga caudata (Lour.) H.E.Moore

Arecaceae

Principes 4: 114 (1960)

LAO ຕາວຮ້າງ






- **Specimen(s):** 192 m (Z757).
- **Notes:** Palms, up to 1.5 m tall; inflorescences 30–50 cm long; calyx orange to light reddish, 3-lobed; fruits red, globose to subglobose.

Caryota mitis Lour.

Fl. Cochinch.: 569 (1790)

Arecaceae

LAO ตาอร้างใบใหย่





- **Specimen(s):** 405 m (Z1030).
- **Notes:** Clustering tree palms, 4–5 m tall; leaves large, with 10–30 pinnae on each side, sheaths long, dark green with ferruginous patches; inflorescences and infructescences strongly curved distally.

Aetheolirion stenolobium Forman

Kew Bull. 16: 209 (1962)

Commelinaceae

LAO ภาบเถือ











- **Specimen(s):** 194 m (Z1692), 253 m (Z1858).
- **Notes:** Perennial scandent herbs, twining, scattered on limestone hills; inflorescence bracts enlarged in fruit, bisexual flowers larger than the male ones, capsules linear, 7–14 cm long, ca. 3 mm wide.

Commelina paludosa Blume

Enum. Pl. Javae 1: 2 (1827)

Commelinaceae

LAO ภาบใฝ่



- **Specimen(s):** 196 m (Z1395).
- **Notes:** Perennial herbs; common along streams at the edge of dry evergreen forest and limestone ares; stems creeping or ascending, rooting at the nodes; spathes 4–10, forming terminal heads, funnel-shaped in folded.

Cyanotis axillaris (L.) D.Don ex Sweet

Hort. Brit.: 430 (1826)

Commelinaceae

LAO ภาบมา, ภาบบั้ำม้อย



- **Specimen(s):** 154 m (Z2455).
- **Notes:** Annual herbs, shoots erect or ascending, slender rosette stem, common in moist limestone karst, in open areas; inflorescences axillary, enclosed within the leaf sheaths; flowers bright violet-blue.

Cyanotis cristata (L.) D.Don

Commelinaceae

Prodr. Fl. Nepal.: 46 (1825)

LAO ຫຍ້າພາຍນາ



- **Specimen(s):** 192 m (Z2642).
- **Notes:** Annual herbs, with unbranched erect to densely branching decumbent stems; at edge of disturbed semi-evergreen forest; inflorescences terminal, inflorescence bracts leafy, spathe-like, conduplicate at the base.

Dictyospermum conspicuum (Blume) J.K.Morton

Commelinaceae

J. Linn. Soc., Bot. 59: 436 (1966)

LAO ກາບດອກ



- **Specimen(s):** 205 m (Z1806), 435 m (Z551, Z1919).
- **Notes:** Perennial herbs, found in evergreen broad-leaved forests, near streams; at forest edges on limestone karst; inflorescences terminal, lax thyrses, conical; flowers white; sepals purple or white; petals white; stamens 3, filaments purple.

Dictyospermum ovatum Hassk.

Commelinaceae

Commelin. Ind.: 24 (1870)

LAO ภาษาดอกต่ำ



- **Specimen(s):** 209 m (Z2731).
- **Notes:** Perennial herbs, found in semi-evergreen forests; inflorescences axillary from the uppermost leaves, shorter than the distal leaves, composed with a few cincinni; flowers creamy white, glabrous.

Murdannia bracteata (C.B.Clarke) J.K.Morton ex D.Y.Hong

Commelinaceae

Acta Phytotax. Sin. 12: 473 (1974)

LAO ภาษาม้อย



- **Specimen(s):** 154 m (Z2466).
- **Notes:** Perennial herbs, found on limestone karst; main stem not elongated, very short; fertile stems arising from rosette, creeping, ascending apically; cincinni densely flowered, capitate.

Murdannia edulis (Stokes) Faden

Taxon 29: 77 (1980)

Commelinaceae

LAO ແຜ່ນດິນເຢັນ





- **Specimen(s):** 174 m (Z1502), 179 m (Z2619).
- **Notes:** Perennial herbs, found at edge of disturbed semi-evergreen forest; flowering shoots several from rosette; leaves all basal, rosulate, undulate; cincinni solitary in each involucral bract.

Murdannia nudiflora (L.) Brenan

Kew Bull. 7: 189 (1952)

Commelinaceae

LAO ຫຍ້າກາບນ້ອຍ





- **Specimen(s):** 194 m (Z1730).
- **Notes:** Annual herbs, common in open areas, beside paddy fields; leaf sheaths hirsute throughout; flowers slightly zygomorphic, purple to dark purple, with abundant of mucilage in bud; fertile stamens 2, filaments bearded proximally; staminodes 2–4, antherodes 3-sect.

Stachyphrynium spicatum (Roxb.) K.Schum.

Marantaceae

H.G.A.Engler (ed.), Pflanzenr., IV, 48: 46 (1902)

LAO ຕອງເຂດ



- **Specimen(s):** 192 m (Z2643), 209 m (Z2674).
- **Notes:** Perennial herbs, rhizomatous, found at edge of semi-evergreen forest; basal leaves 3–5; inflorescences fusiform, laterally flattened, green.

Hellenia speciosa (J.Koenig) S.R.Dutta

Costaceae

Pleione 7: 228 (2013)

LAO ເອື້ອງໝາຍນາ



- **Specimen(s):** 160 m (Z2066), 183 m (Z1822), 206 m (Z1554).
- **Notes:** Rhizomatous herbs, 1–2 m tall; occasionally found at forest edges, limestone hill, roadside; stems woody at base, apex branched, spirally twisted; inflorescences terminal, cone-shaped, ovoid-ellipsoid; bracts vivid red, bracteoles pale red.

Globba aranyaniae Sangvir. & M.F.Newman

Zingiberaceae

Eur. J. Taxon. 503: 10 (2019)

LAO ດອກຮອງເຈົ້າເນາ



- **Specimen(s):** 154 m (Z1898).
- **Notes:** Perennial terrestrial herbs, rhizomatous; leafy shoots slender, forming pseudostems; leaves few, lanceolate to elliptic, dark green, with entire to slightly wavy margins and sheathing bases; inflorescences terminal, erect; flowers bright orange-yellow, with large, wing-like, spreading lateral staminodes giving a "dancing" appearance; filaments exceptionally long and curved forward; anther with star-like appendages.

Wurfbainia glabrifolia (Lamxay & M.F.Newman) Škorničk. & A.D.Poulsen

Zingiberaceae

Taxon 67: 29 (2018)

LAO ແໜ່ງແດງ



- **Specimen(s):** 154 m (Z1900), 206 m (Z1366).
- **Notes:** Perennial herbs, terrestrial, rhizomatous; leafy shoots tall, slender pseudostems; leaves large, lanceolate, smooth, green; inflorescences radical, arising directly from the rhizome at or near ground level, low-lying amidst forest leaf litter; flowers zygomorphic, borne close to the ground; corolla lobes translucent white to pale cream; lip (labellum) large, distinct, primarily white with a prominent bright yellow to orange-yellow central patch or band, often accented with faint reddish-brown or pinkish streaks near the throat.

Wurfbainia uliginosa (J.Koenig) Giseke

Zingiberaceae

Prael. Ord. Nat. Pl.: 199 (1792)

LAO ແໜ່ງຂຽວ



- **Specimen(s):** 423 m (Z1001).
- **Notes:** Perennial herbs, terrestrial, rhizomatous; leafy shoots tall, forming an erect pseudostem; leaves large, lanceolate, smooth, green, with prominent veins and sheathing bases; inflorescences radical, arising directly from the rhizome at ground level, tightly clustered; flowers zygomorphic, grouping close to the forest floor; corolla lobes translucent white; lip (labellum) distinct, predominantly white or pale cream with a striking bright yellow to orange-yellow apex or border, accented with bold, contrasting dark red to crimson streaks or zebra-like patterns lining the throat.

Carex indica L.

Cyperaceae

Mant. Pl. 2: 574 (1771)

LAO ຫຍ້າຄົມປາວດົງ



- **Specimen(s):** 156 m (Z2549).
- **Notes:** Perennial herbs; culms 40–100 cm, tufted; leaves blade linear mostly basal; sheaths pale brown to blackish brown; inflorescences paniculate; spikes androgynous; female glumes awned, whitish to light brown; utricles 3–4.5 mm long, distinctly inflated at maturity; stigmas 3.

Cyperus cyperoides (L.) Kuntze

Cyperaceae

Revis. Gen. Pl. 3(3): 333 (1898)

LAO ຜືນາ, ຫຍ້າຄົມບາງ





- **Specimen(s):** 147 m (Z1246).
- **Notes:** Annual or perennial herbs; rhizomes short, hardened; culms tufted, 10–35 cm tall; sheaths brown-reddish; inflorescences compound to decompound; spikelets in dense cylindrical clusters, narrowly linear-ovoid; glumes oblong-lanceolate, pale green; stigmas 3.

Cyperus haspan L.

Cyperaceae

Sp. Pl.: 45 (1753)

LAO ກົກນາ





- **Specimen(s):** 147 m (Z1247), 458 m (Z809).
- **Notes:** Annual or perennial herbs, short-lived; rhizomes small; culms tufted or scattered, 10–35 cm tall; sheaths reddish-purple; inflorescences simple to compound; spikelets in finger-like clusters, linear-lanceolate; glumes lanceolate or ovate, often tinged with purplish brown; stigmas 3.

Cyperus iria L.

Sp. Pl.: 45 (1753)

Cyperaceae

LAO ຮັງກາ, ຜົມຊັ້ນ





- **Specimen(s):** 168 m (Z1417).
- **Notes:** Annual herbs, cespitose; culms 8–60 cm; sheaths reddish to purplish brown; inflorescences simple to compound; spikelets oblong-elliptic to linear-oblong, 1.6–2 mm wide; glumes mucronulate, greenish to yellowish or mid-brown; stigmas 3.

Cyperus laxus Lam.

Tabl. Encycl. 1: 146 (1791)

Cyperaceae

LAO ຫຍ້າສາມຫຼ່ຽມ



- **Specimen(s):** 160 m (Z2064).
- **Notes:** Perennial, shortly rhizomatous; culms 1-few, 20–80 cm tall, triquetrous, winged angles; sheaths reddish to purplish-brown; inflorescences compound to decompound; spikelets in finger-like clusters, oblong; glumes ovate, greenish tinged with pale or reddish brown; stigmas 3.

Cyperus mindorensis (Steud.) Huygh

Cyperaceae

Phytotaxa 166: 39 (2014)

LAO ຕຸ້ມຫຸ່ມ



- **Specimen(s):** 160 m (Z2058).
- **Notes:** Perennial herbs, with long-creeping rhizome; culms crowded, stem 10–30 cm tall, triquetrous, smooth; involucral bracts 3(or 4), longest to 35 cm; inflorescences capitate; glumes broadly elliptic, white to pale brown; stigmas 2.

Cyperus procerus Rottb.

Cyperaceae

Descr. Icon. Rar. Pl.: 29 (1773)

LAO ຜືນາໃຫຍ່



- **Specimen(s):** 194 m (Z1726).
- **Notes:** Perennial herbs, stoloniferous; culms 50–100 cm tall; sheaths pale greenish purplish brown; inflorescences simple to compound; spikelet oblong to linear-lanceolate, 2.5–3.5 mm wide; glumes oval or ovate, reddish brown; stigmas 3.

Cyperus pulcherrimus Willd. ex Kunth

Cyperaceae

Enum. Pl. 2: 35 (1837)

LAO ຕີຂີ້ໝາ





- **Specimen(s):** 151 m (Z1929), 154 m (Z1881).
- **Notes:** Perennial herbs, shortly rhizomatous; culms 10–40 cm tall; sheaths pale greenish to pinkish purple; inflorescences compound to decompound; spikelets linear-oblong, 1–1.3 mm wide; glumes ovate, mucronate, pale to midbrown with reddish brown; stigmas 3.

Cyperus pumilus L.

Cyperaceae

Cent. Pl. II: 6 (1756)

LAO ຫຍ້າແຕ້ວໝູ





- **Specimen(s):** 168 m (Z1420), 208 m (Z1567).
- **Notes:** Annual herb, cespitose; culms 1–20 cm tall; sheaths pale brown to reddish brown; inflorescences capitate or simple; spikelet oblong to linear-oblong, 1.5–2 mm width; glumes ovate to ovate-elliptic mucronate; green to reddish brown; stigmas 2.

Cyperus sanguinolentus Vahl

Cyperaceae

Enum. Pl. Obs. 2: 351 (1805)

LAO ຕ໊ຶ





- **Specimen(s):** 170 m (Z1538), 194 m (Z1728).
- **Notes:** Annual herbs, cespitose; culms 10–60 cm tall, lower part with several nodes; sheaths reddish brown; inflorescences capitate or simple; spikelet narrowly ovate or oblong-lanceolate, 2–3.5 mm wide; glumes ovate or broadly ovate, pale brown to reddish or purple brown; stigmas 3.

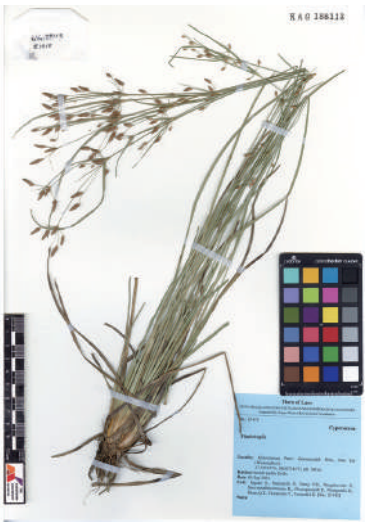
Fimbristylis complanata (Retz.) Link

Cyperaceae

Hort. Berol. 1: 292 (1827)

LAO ຜີເຫາ້ແຜນ





- **Specimen(s):** 168 m (Z1418).
- **Notes:** Perennial herbs, rhizomatous; culms 30–70 cm tall, crowded in series; sheaths pale to rusty brown; inflorescences compound; spikelets ellipsoid to ovoid-lanceolate, 4–9 by 1–2 mm; glumes 5–20 per spikelet, spirally arranged, ovate to ovate-lanceolate, 1.8–2.5(–3) mm long, yellowish brown to brown; stigmas 3.

Fimbristylis littoralis Gaudich.

Cyperaceae

Voy. Uranie: 413 (1829)

LAO ຄົມປາວ, ຫຍ້າໝອດແມ່ວ





- **Specimen(s):** 168 m (Z1539).
- **Notes:** Annual or short-lived perennial herbs; culms 28–50 cm tall, angled, smooth; leaves basal or cauline, blades linear; inflorescences compound, with 3–8 branches; spikelets globose to subglobose, many.

Fimbristylis schoenoides (Retz.) Vahl

Cyperaceae

Enum. Pl. Obs. 2: 286 (1805)

LAO ຫຍ້າປັ້ງກົ້ວ, ຜີສຸມ







- **Specimen(s):** 170 m (Z1537).
- **Notes:** Perennial rhizomatous herbs, culms 5–50 cm, tufted; sheaths cinnamon brown; inflorescences usually a solitary spikelet sometimes simple; spikelets 1–2(–3) per inflorescence, ovoid to ellipsoid 5–10 by 3–4 mm; glumes broadly obtuse or rounded, pale brown to orange brown; stigmas 2.

Schoenoplectiella juncoides (Roxb.) Lye

Cyperaceae

Lidia 6: 25 (2003)

LAO ຜືຄາງກົບ







- **Specimen(s):** 168 m (Z1419).
- **Notes:** Perennial herbs, culms 15–70 cm, tufted, subterete or obtusely several angled; sheaths brownish; inflorescences pseudolateral, capitate; spikelets oblong to ovoid-oblong, 6–18 by 3–6 mm; glumes oval to ovate-oval, pale brown; stigmas 2(–3), one of them rudimentary.

Cyrtococcum oxyphyllum (Hochst. ex Steud.) Stapf

Poaceae

Hooker's Icon. Pl. 31: t. 3096 (1922)

LAO ຫຍ້າປາກຄອາຍ





- **Specimen(s):** 458 m (Z807).
- **Notes:** Annual herbs, scattered in evergreen forest margin; inflorescences spikelets reddish brown at maturity, ca. 2 mm, glabrous except for some hairs at the base.

Pogonatherum crinitum (Thunb.) Kunth

Poaceae

Enum. Pl. 1: 478 (1833)

LAO ຫຍ້າຍຸງ





- **Specimen(s):** 458 m (Z811).
- **Notes:** Perennial herbs, ca. 30 cm tall, common on rocks or walls along streams; inflorescences racemose, ca. 2 cm long, yellowish.

Thysanolaena latifolia (Roxb. ex Hornem.) Honda

Poaceae

J. Fac. Sci. Univ. Tokyo, Sect. 3, Bot. 3: 312 (1930)

LAO ແຂມ





- **Specimen(s):** 458 m (Z808).
- **Notes:** Perennial herbs, 1.5–4 m tall, common at evergreen forests margin, streamside; leaf sheaths smooth, blades broadly lanceolate-oblong, leathery, ligule truncate, 1–2 mm long.

Stephania japonica (Thunb.) Miers

Menispermaceae

Ann. Mag. Nat. Hist., ser. 3, 18: 14 (1866)

LAO ເຄືອຈອນຟອນ



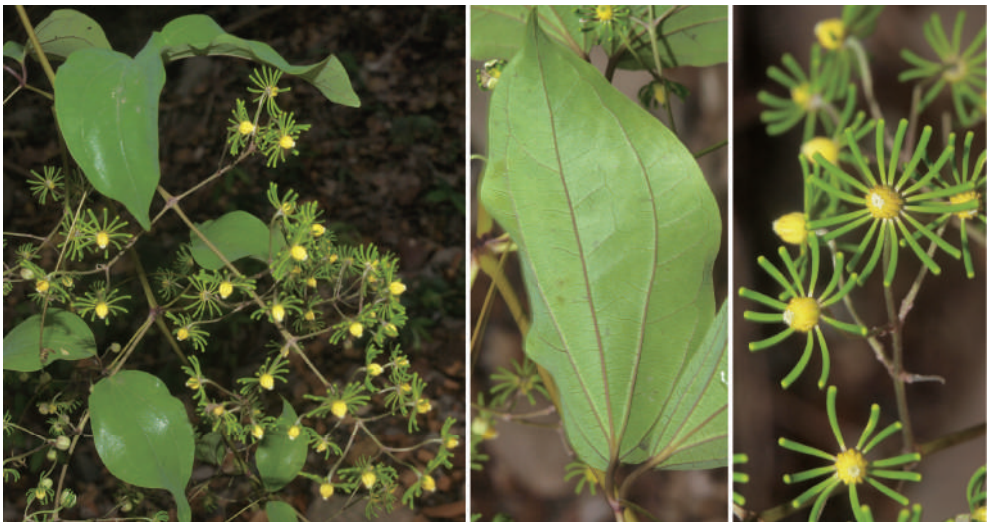
- **Specimen(s):** 179 m (Z2620), 330 m (L942).
- **Notes:** Climbers, scattered along evergreen forest edges and in disturbed semi-evergreen forest; stems slender, herbaceous, becoming slightly woody with age; drupes red, obovate to subglobose. Widely distributed in tropical and subtropical Asia to Australia, and sometimes divided into three varieties. Our collection, *Z2620*, corresponds to *S. japonica* var. *discolor*, with finely pubescent abaxial leaf surfaces and inflorescences.

Clematis zeylanica (L.) Poir.

Ranunculaceae

Encycl., Suppl. 2: 296 (1811)

LAO ພວງແກ້ວ



- **Specimen(s):** 147 m (Z1227), 197 m (Z2631), 330 m (L959).
- **Notes:** Climbers, found along edges of disturbed semi-evergreen forest; leaves 2-foliolate, tendrils with pair of branches; main veins 5; inflorescences terminal and axillary, thyrsiform.

Causonis mollis (Wall. ex M.A.Lawson) G.Parmar & J.Wen

Vitaceae

Taxon 70: 1211 (2021)

LAO ໝາກກ່ຳຕາໄກ່



- **Specimen(s):** 190 m (Z2738).
- **Notes:** Herbaceous climbers, scattered in open places; stems densely hairy, 4-angled; leaves trifoliolate, densely hairy. This species is sometimes treated as a variety of *Causonis japonica* [= *Cayratia japonica* (Thunb.) Gagnep. var. *mollis* (Wall. ex M.A. Lawson) Momiy].

Causonis trifolia (L.) Mabb. & J.Wen

Vitaceae

Mabberley's Pl.-Book, ed. 4: 1101 (2017)

LAO ເຄືອກ້ົນປິດສາມໃບ



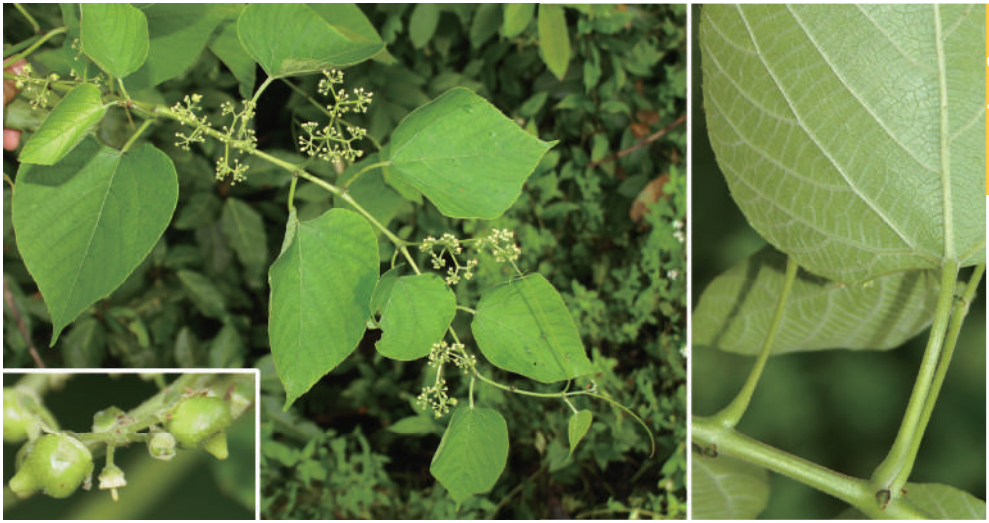
- **Specimen(s):** 194 m (Z1724).
- **Notes:** Herbaceous climbers, common in disturbed areas, roadside thickets, forest gaps and margins; stems glabrous or hairy, slightly angled; leaves trifoliolate, central leaflet blade ovate to 9 cm long.

Cissus assamica (M.A.Lawson) Craib

Vitaceae

Bull. Misc. Inform. Kew 1911: 31 (1911)

LAO ເຄືອເຂົ້າປຸ່ນ



- **Specimen(s):** 146 m (L969).
- **Notes:** Woody climbers, occasional in open places, roadside thickets, forest edges; stems slightly 4-angled, covered with T-shaped hairs; leaf blades cordate, both surfaces covered with T-shaped hairs.

Cissus discolor Blume

Vitaceae

Catalogus: 39 (1823)

LAO ເຄືອເຂົ້າປຸ່ນສອງສີ



- **Specimen(s):** 206 m (Z1551), 455 m (Z546).
- **Notes:** Herbaceous climbers, commonly found in open places, limestone karst; stems slightly 4-angled; leaf blades ovate, with white patches or markings, base cordate to subtruncate.

Cissus hastata Miq.

Vitaceae

Fl. Ned. Ind., Eerste Bijv.: 517 (1861)

LAO ຄຳແດງ, ຫຼັງແດງ



- **Specimen(s):** 146 m (L970), 195 m (Z1576).
- **Notes:** Herbaceous climbers, occasional at dry evergreen forest margin; stems glaucous, 4-angled; leaf blades ovate, sagittate, hastate, glabrous and glossy on both surfaces, base cordate to subtruncate.

Cissus nodosa Blume

Vitaceae

Catalogus: 39 (1823)

LAO ເຄືອເຂົ້າປຸ່ມໃບນ້ອຍ



- **Specimen(s):** 208 m (Z1566).
- **Notes:** Climbers, scattered in various forests, open thickets and streamsides; stems 4-angled, green, glabrous; leaf blades ovate-elliptic, glabrous on both surfaces, base rounded to subtruncate.

Leea aequata L.

Mant. Pl.: 124 (1767)

Vitaceae

LAO ກະຕັ່ງໃບຂົນ



- **Specimen(s):** 192 m (Z1809).
- **Notes:** Shrubs to 1 m tall; occasional at evergreen forest margin at lowland; characterized by its stipule and abaxial leaflet surface densely covered with peltate glands.

Leea guineensis G.Don

Gen. Hist. 1: 712 (1831)

Vitaceae

LAO ຕ້າງໄກ່



- **Specimen(s):** 174 m (Z1475).
- **Notes:** Shrubs ca. 1 m tall, occasional in seasonally dry semi-evergreen forest; stipules obovate, glabrous; leaves 3-foliolate to bipinnate; leaflet blades glabrous on both surfaces. Distinguished from *L. javanica* by its elliptic to oblong leaflets, inflorescences with white to yellow hairs, and red calyx and corolla.

Leea javanica Blume

Bijdr. Fl. Ned. Ind.: 197 (1825)

Vitaceae

LAO ຕົ້ນຍັງໃບ, ກະຕັງໃບ



- **Specimen(s):** 155 m (Z2034), 192 m (Z1803), 209 m (Z2703).
- **Notes:** Shrubs up to 3 m tall, locally common along forest margins and riverbanks; stipules obovate, early caducous; leaflet blades ovate to oblong-elliptic, almost glabrous on both surfaces; fruits ca. 6 mm in diam. when dry. Previously included in *L. indica*, but plants in mainland Asia and Malesia are now circumscribed as *L. javanica* based on molecular evidence (Molina *et al.* 2013).

Leea rubra Blume

Bijdr. Fl. Ned. Ind.: 197 (1825)

Vitaceae

LAO ຕ້ຳງໄກ່ແດງ



- **Specimen(s):** 154 m (Z2449).
- **Notes:** Shrubs, 1.5 m tall; occasional in forest margins; similar to *L. guineensis* in having red flowers, but distinguished by its smaller and ovate leaflets.

Nekemias cantoniensis (Hook. & Arn.) J.Wen & Z.L.Nie

Vitaceae

PhytoKeys 42: 13 (2014)

LAO ເຄືອເຂົ້າປຸ່ນຫ້ອງໃບໂຕ່ນ



- **Specimen(s):** 183 m (Z1819).
- **Notes:** Woody climbers, evergreen, widely distributed in primary and secondary forest, also in roadside thickets; leaves compound; leaflet blades glaucous abaxially.

Tetrastigma eberhardtii Gagnep.

Vitaceae

Bull. Soc. Bot. France 111: 33 (1944)

LAO ເຄືອໜຸ່ນ



- **Specimen(s):** 147 m (Z1233), 458 m (Z796).
- **Notes:** Woody climbers, 10 m tall, occasional in evergreen forest margins; leaves pedately 5-foliolate, chartaceous; leaflet margin crenate, tertiary veins distinct; inflorescences axillary, shorter than petioles.

Tetrastigma fruticosum Soulad., Phonep. & Tagane

Vitaceae

Phytotaxa 683: 10 (2025)

LAO ຕົ້ນເຂົ້າປຸ່ນ



- **Specimen(s):** 173 m (Z1636), 203 m (Z1703), 435 m (Z1202), 455 m (Z534).
- **Notes:** Shrubs, to 6 m tall, locally common on open to semi-shaded limestone karst. This species is easily recognized by shrubby habit and absence of tendrils. It is currently known only from Phou Hin Poun National Park. The inflorescences and flowers have not been collected yet.

Tetrastigma harmandii Planch.

Vitaceae

A.L.P.P.de Candolle & A.C.P.de Candolle, Monogr. Phan. 5: 425 (1887)

LAO ເຄືອຫຸ້ມໃຫຍ່



- **Specimen(s):** 147 m (Z1245).
- **Notes:** Woody climbers, 10 m tall or more, locally common in evergreen forest margins, along rivers; leaves trifoliolate or pedately 5 foliolate, coriaceous, tertiary veins indistinct; inflorescences axillary, usually shorter than petiole. Some of the syntypes (*Harmand F.J. 120, 292* and *1060*, P) were collected from Laos.

Abrus precatorius L.

Fabaceae

Syst. Nat., ed. 12. 2: 472 (1767)

LAO ເຄືອໝາກລໍ້າ





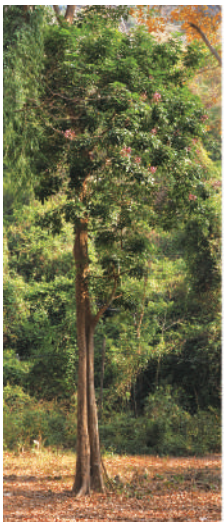
- **Specimen(s):** 171 m (Z2030).
- **Notes:** Woody climbers, common in roadside thickets, around human dwellings, seasonally semi-evergreen forest edge; leaves paripinnate, 16–26-foliolate, sparsely hairy abaxially.

Adinobotrys atropurpureus (Wall.) Dunn

Fabaceae

Bull. Misc. Inform. Kew 1911: 197 (1911)

LAO ແຕ້ຂ່າຂີ້ໝູ









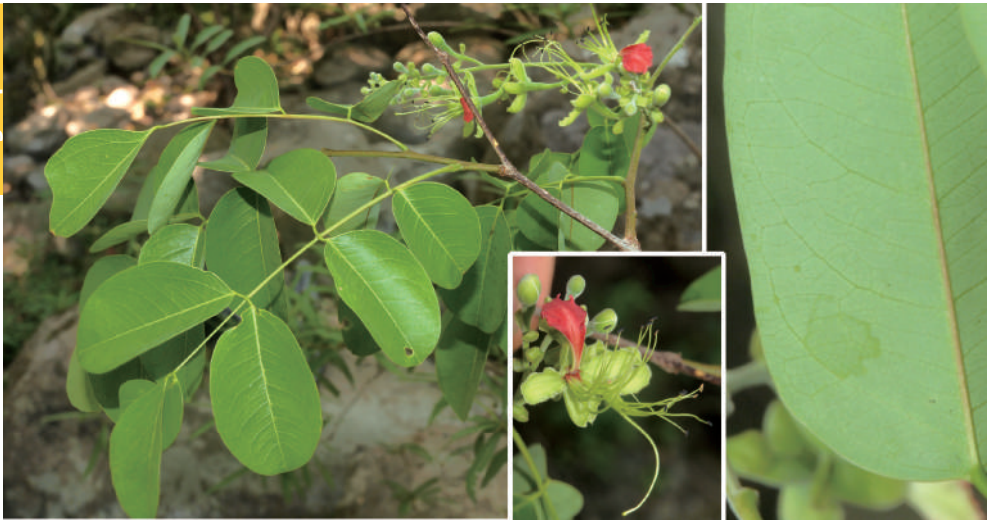
- **Specimen(s):** 177 m (Z2098), 192 m (Z768), 209 m (Z2662).
- **Notes:** Evergreen trees to 20 m tall; locally common in seasonally dry evergreen forest at lowland; leaflets 9–11, glabrous or sparsely hairy along veins abaxially; flowers dark red to purple; pods 7–15 cm long, thick. Flowering specimens (*Z768, Z2098*) were collected in March, and fruiting (*Z2662*) in June.

Afzelia xylocarpa (Kurz) Craib

Fabaceae

Bull. Misc. Inform. Kew 1912: 267 (1912)

LAO ແຕ້ຂ່າ



- **Specimen(s):** 160 m (Z2322), 458 m (Z781).
- **Notes:** Large trees, to 30 m tall; occasional in dry evergreen forest, by streams at lowland; leaves paripinnate; leaflets 3–5 pairs, ca. 7 cm long. Flowering specimen (*Z781*) collected in March.

Aganope balansae (Gagnep.) L.K.Phan

Fabaceae

J. Biol. (Vietnam) 16: 12 (1994)

LAO ຕ້ຽເຈັດໃບ



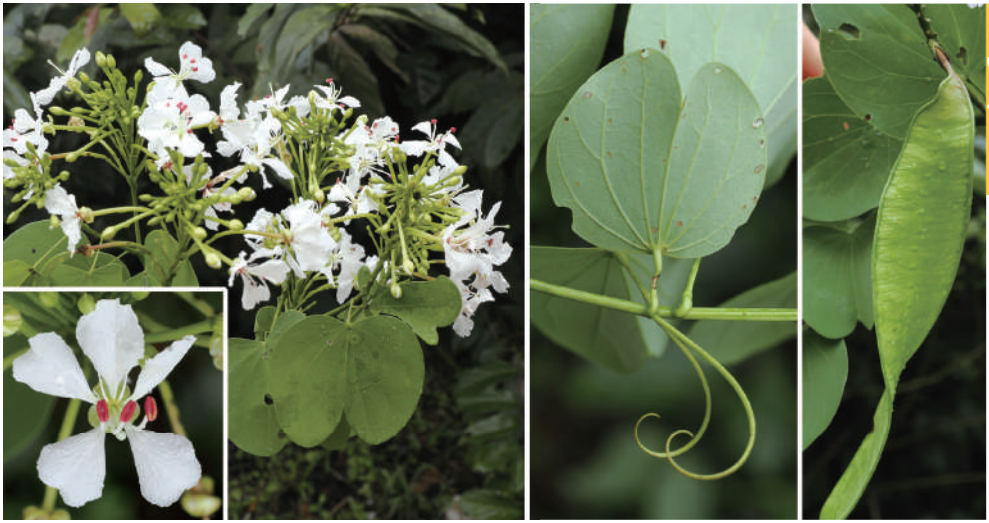
- **Specimen(s):** 194 m (Z1687), 259 m (Z1658).
- **Notes:** Woody climbers, to 8 m tall, scattered in the forest edge along river, at the base of limestone cliff; distributed Laos, Thailand and Vietnam (type); leaves more than 50 cm long, 5–9-foliolate, glabrous.

Cheniella glauca (Benth.) R.Clark & Mackinder

Fabaceae

Eur. J. Taxon. 360: 24 (2017)

LAO ສົ້ມສ້ຽວ



- **Specimen(s):** 287 m (Z1744), 407 m (Z2040).
- **Notes:** Woody climbers, to 10 m tall, with tendrils, occasionally in evergreen forest margins; leaves ovate to globose, 4–9 cm long, bifid to 1/3–1/2, lobes rounded at apex; petals white, to 1.2 cm long including claw.

Crudia zeylanica (Thwaites) Benth.

Fabaceae

Trans. Linn. Soc. London 25: 314 (1865)

LAO ດູ່ຂາວ, ເດືອຍໄກ່



- **Specimen(s):** 172 m (Z2482), 175 m (Z2108).
- **Notes:** Trees, to 8 m tall, occasionally found along the riverbank; leaves imparipinnate, 3–6 foliolate, glabrous or sparsely pubescent when young, soon glabrous on both surfaces. Our materials matched *Crudia chrysantha* (Pierre) K.Schum., which is now treated as a synonym of *C. zeylanica* according to Govaerts (2026).

Dalbergia rimosa Roxb.

Fabaceae

Fl. Ind., ed. 1832. 3: 233 (1832)

LAO ເຄືອປະດົງຂໍ



- **Specimen(s):** 187 m (Z2625), 458 m (Z869).
- **Notes:** Woody climbers, common at semi-evergreen forest edge, roadside thickets; flowering specimens collected in March and fruiting in June.

Flemingia strobilifera (L.) W.T.Aiton

Fabaceae

Hortus Kew., ed. 2. 4: 350 (1812)

LAO ເກັດລິ້ນຄວາຍ



- **Specimen(s):** 151 m (Z1937), 191 m (Z2083).
- **Notes:** Shrubs, 1.5 m tall, occasional in semi-evergreen forest and in secondary vegetation; leaves simple, blades ovate, apex acuminate, secondary veins 6–7 pairs. The flower photo is from Nam Kading (Specimen: *Tagane et al. Z910*).

Huchimingia podocarpa (Dunn) Z.Q.Song

Fabaceae

Phytotaxa 532: 49 (2022)

LAO ຄຳພິໃບຍາວ







- **Specimen(s):** 192 m (Z755), 464 m (Z2342).
- **Notes:** Woody climbers, locally common at evergreen forest edge; flowering specimens collected in March.

Indigofera zollingeriana Miq.

Fabaceae

Fl. Ned. Ind. 1(1): 310 (1855)

LAO ຄາມຫຼວງ





- **Specimen(s):** 195 m (Z1581), 330 m (L947).
- **Notes:** Shrubs, to 3 m tall, occasional at forest edge, along streams. Flowering specimen (*Z1581*) collected in September.

Millettia xylocarpa Miq.

Fabaceae

Fl. Ned. Ind. 1(1): 157 (1855)

LAO ກะເຈາະອ້າຍ, ຕົ້ນກะເຈາะ



- **Specimen(s):** 156 m (Z2556).
- **Notes:** Deciduous trees ca. 10 m tall, occasional in seasonally dry evergreen forest, sometimes in limestone areas; leaves imparipinnate, 7–11-foliolate; leaflet blades hairy on both surfaces, acute to acuminate at apex. Fruiting specimen collected in June. Govaerts (2026) placed the species in the genus *Pongamia* as *Pongamia xylocarpa* (Miq.) Z.Q.Song.

Moullava digyna (Rottler) Gagnon & G.P.Lewis

Fabaceae

PhytoKeys 71: 67 (2016)

LAO ສะฝาງป่า



- **Specimen(s):** 183 m (Z1824).
- **Notes:** Climbing shrubs, armed with recurved pickles, occasional in secondary growths; leaves alternate, bipinnate, pinnae opposite, pinnae 8–12 pairs, leaflet 8–12 pairs per pinna, oblong, to 1.2 cm long.

Mucuna interrupta Gagnep.

Fabaceae

Notul. Syst. (Paris) 3: 26 (1914)

LAO ตำแยดิ่ง



- **Specimen(s):** 188 m (Z1894).
- **Notes:** Woody climbers, scattered at forest edge, roadside, streamside. Fruiting specimen collected in September. The whole plant, especially flowers and fruits, covered with stiff hairs, and contact with them causes a sharp pricking pain.

Peltophorum dasyrhachis (Miq.) Kurz

Fabaceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 45: 293 (1867)

LAO ສະຝາງ, ຝາງເຂົ້າກວາງ



- **Specimen(s):** 183 m (Z1817).
- **Notes:** Deciduous trees, 2 m tall, common in secondary dry forest at lowland; young twigs reddish brown tomentose, leaves bipinnate, to 4 cm long, leaflet oblong, apex emarginate.

Phanera bracteata Benth.

Fabaceae

F.A.W.Miquel, Pl. Jungh.: 264 (1852)

LAO ສ້ຽວເຄືອ





- **Specimen(s):** 154 m (Z2434), 195 m (Z1573).
- **Notes:** Woody climbers, occasional in evergreen and semi-evergreen forest edge; leaves bifid to 1/3; petals yellowish green. Flowering specimens (*Z2434, Z1571*) collected in June and September.

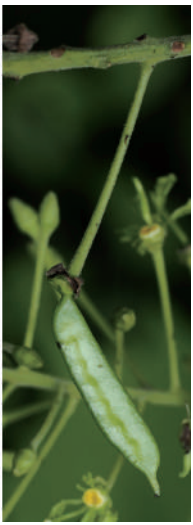
Phanera curtisii (Prain) Bandyop. & Ghoshal

Fabaceae

Telopea 18: 141 (2015)

LAO ເຂົ້າແກບ





- **Specimen(s):** 192 m (Z2645).
- **Notes:** Woody climbers, scattered in semi-evergreen forest at lowland; leaves ovate, entire or shallowly bifid to 1/5; petals yellowish green, to 7 mm long. Flowering specimen (*Z2645*) collected in June.

Phanera ornata (Kurz) Thoth. var. **kerrii** (Gagnep.) Bandyop., Ghoshal & M.K.Pathak

Fabaceae

Bangladesh J. Pl. Taxon. 19: 59 (2012)

LAO ສ້ຽວເຄືອໜວງ



- **Specimen(s):** 147 m (Z1226), 191 m (Z2071), 405 m (Z1007), 458 m (Z780).
- **Notes:** Woody climbers, common along semi-evergreen forest edges and streams; leaves bifid to 1/2, or sometimes completely divided into two free leaflets on vigorous young shoots; petals white. Flowering specimens (*Z780*, *Z1226*, *Z2071*) collected in March.

Piliostigma malabaricum (Roxb.) Benth.

Fabaceae

F.A.W.Miquel, Pl. Jungh.: 261 (1852)

LAO ສ້ຽວໃຫຍ່



- **Specimen(s):** 154 m (Z1880).
- **Notes:** Deciduous trees, 1 m tall, found in semi-evergreen forest; leaves orbicular, glaucous abaxially, bifid to 1/6–1/3, apex of lobes rounded.

Pterocarpus macrocarpus Kurz

Fabaceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 43: 187 (1874)

LAO ໄມ້ດຸ່





- **Specimen(s):** 179 m (Z2618).
- **Notes:** Trees 15 m tall, common in dry deciduous forests; leaves 7–13-foliolate. Fruiting specimen collected in June.

Pterolobium macropterum Kurz

Fabaceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 42: 71 (1873)

LAO ໜາມກະແຫວແດງ







- **Specimen(s):** 156 m (Z2573).
- **Notes:** Climbing shrubs, armed with recurved prickles, occasional in secondary growths; leaves alternate, bipinnate, pinnae opposite, pinnae 7–8 pairs, leaflet 7–10 pairs per pinna, elliptic oblong, to 1.2 cm long; pods about 5.5 cm long including wing.

Saraca declinata (Jack) Miq.

Fabaceae

Fl. Ned. Ind. 1(1): 84 (1855)

LAO ໂສກນ້ຳ



- **Specimen(s):** 154 m (Z1886), 175 m (Z2111), 192 m (Z754), 330 m (L951), 435 m (Z973).
- **Notes:** Semi-evergreen trees, to 8 m tall; locally common by streams in seasonally dry evergreen forest at lowland. This species is distinguished from *S. laotica* by its glabrous leaves (vs. puberulent), secondary veins of leaflet 8–10 pairs (vs. (9–)11–20 pairs), and smaller bracts shorter than 0.5 cm (vs. 1.4–3.3 cm).

Saraca laotica Tagane & Soulad.

Fabaceae

Phytotaxa 749: 2 (2026)

LAO ຄຳລາວ



- **Specimen(s):** 192 m (Z1921), 192 m (Z2639), 259 m (Z1615).
- **Notes:** Evergreen trees, 4–12 m tall; locally common in humid forests in limestone areas; twigs often hollowed and inhabited by ants; leaves paripinnate, to 60 cm long (Tagane *et al.* 2026a). Flowering specimens collected in April (Xayabouly and Vientiane) and September (Khammouane).

Spatholobus parviflorus (Roxb. ex DC.) Kuntze

Fabaceae

Revis. Gen. Pl. 1: 205 (1891)

LAO ເຄືອເຂົ້າຜຸ້







- **Specimen(s):** 161 m (Z2432), 179 m (Z2616).
- **Notes:** Woody climbers, scattered in evergreen and semi-evergreen forest at lowland; leaves trifoliolate, silvery pubescent on lower surface; flowering specimens were collected in June.

Tephrosia candida DC.

Fabaceae

Prodr. 2: 249 (1825)

LAO ຄາມປ່າ







- **Specimen(s):** 455 m (Z1909).
- **Notes:** Perennial or shrubs, to 3 m tall; native to Bangladesh, India and Nepal, and introduced across wide areas of the tropics including Laos; found in the vicinity of the tourist area; leaves 17–25-foliolate, densely hairy abaxially.

Uraria crinita (L.) Desv. ex DC.

Fabaceae

Prodr. 2: 324 (1825)

LAO ຫາງໝາ





- **Specimen(s):** 183 m (Z1821).
- **Notes:** Subshrubs, to 1 m tall, scattered in roadside, thickets; leaves 5–7-foliolate, sometimes 3-foliolate on upper part of stems; inflorescences densely gray-white hairy; flowers purple.

Salomonia cantoniensis Lour.

Polygalaceae

Fl. Cochinch.: 14 (1790)

LAO ນຽມກະສັງ







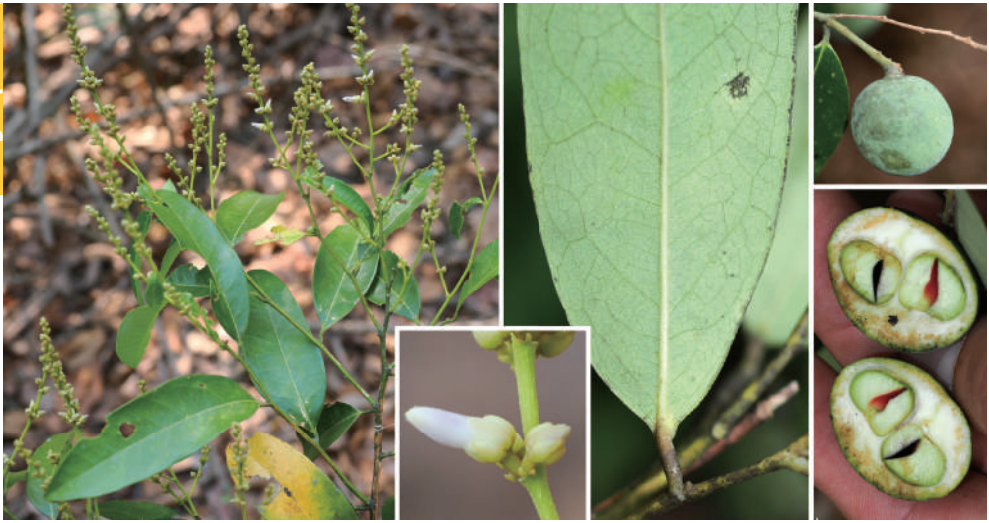
- **Specimen(s):** 205 m (Z1810).
- **Notes:** Annual herbs, common in open wet areas, near streams, roadside; leaves membranous, glabrous, margin slightly undulate, apex mucronate; inflorescences spike, terminal, 1–7 cm long; flowers ca. 3 mm long, sessile; sepals 5, persistent; capsule reniform.

Xanthophyllum lanceatum (Miq.) J.J.Sm.

Polygalaceae

Icon. Bogor. 4: t. 334 (1912)

LAO ຜັກແສງແກ້ວ



- **Specimen(s):** 161 m (Z2426), 172 m (Z2483), 181 m (Z2218).
- **Notes:** Trees, 7 m tall, scattered in secondary semi-evergreen forest at foot of limestone mountain, riverside; inflorescences sparsely appressed hairy; fruits globular, ca. 3 cm in diam., green, glabrous; seeds 2.

Rosa clinophylla Thory

Rosaceae

P.J.Redouté & C.A.Thory, Roses 1: 43 (1817)

LAO ກຸຫຼາບນ້ຳ



- **Specimen(s):** 175 m (Z2107).
- **Notes:** Shrubs with straight prickle, ca. 1.5 m tall, found in riverbank in limestone area; flowers 2–3 on terminal branches, 4–5 cm across.

Gouania leptostachya DC.

Prodr. 2: 40 (1825)

Rhamnaceae

LAO ຊ່າເຫຼົ້ານ້ອຍ



- **Specimen(s):** 192 m (Z1796), 195 m (Z1578), 455 m (Z1917).
- **Notes:** Lianas, found at edge of evergreen broad-leaved forest, at roadside, on limestone karst; leaves broadly ovate to elliptic; inflorescences 20–30 cm long, glabrous; flowers white, polygamous.

Gouania obtusifolia Vent. ex Brongn.

Mém. Fam. Rhamn.: 72 (1826)

Rhamnaceae

LAO ຊ່າເລັບແມວ



- **Specimen(s):** 173 m (Z2199).
- **Notes:** Lianas, scattered in semi-evergreen forest; leaves ovate to broadly elliptic, lower surface pale yellowish white-tomentose; fruits 3-winged, brown at maturity, glabrous. This species is easily distingiusehd from *G. leptostachya* by its densely hairy leaves.

Smythea oblongifolia (Blume) Cahen & Utteridge

Rhamnaceae

Kew Bull. 73(1)-2: 18 (2018 publ. 2017)

LAO ຊ່າເຫຼົ້າ



- **Specimen(s):** 191 m (Z2087).
- **Notes:** Woody climbers, found in semi-evergreen forest; infructescences terminal, cymose panicle; fruits samara, fruit body subglobose, fruit wings narrowly oblong, ca. 6 cm long. Govaerts (2026) placed the species in the genus *Ventilago* as *Ventilago oblongifolia* Blume.

Ventilago harmandiana Pierre

Rhamnaceae

Fl. Forest. Cochinch.: t. 313a (1895)

LAO ເຄືອປອກ, ເຄືອເຂົ້າແກບ



- **Specimen(s):** 180 m (Z2159).
- **Notes:** Woody climbers, scattered in semi-evergreen forests; leaf blades ovate to elliptic, 6–9 × 3–5 cm, subcoriaceous, margin almost entire to serrate at apical parts.

Ziziphus attopensis Pierre

Fl. Forest. Cochinch.: t. 316a (1895)

Rhamnaceae

LAO ກ້ຳລັ້ງເສືອໂຄ່ງ







- **Specimen(s):** 173 m (Z2207).
- **Notes:** Shrubs, 5 m tall, found in semi-evergreen forests; leaf blades ovate to elliptic, distinctly triplinerved, glabrous; inflorescences peduncles dichotomously; flowers yellowish green.

Ziziphus jujuba Mill.

Gard. Dict., ed. 8.: n.° 1 (1768)

Rhamnaceae

LAO ໝາກກະທັ້ນ





- **Specimen(s):** 216 m (Z2241).
- **Notes:** Trees, to 10 m tall, found in semi-evergreen forests; stipular spines slender, caducous; leaf blades ovate or ovate-elliptic, 3–7 × 1.5–4 cm, papery, upper surface dark green, lower surface gray.

Ziziphus oenopolia (L.) Mill.

Rhamnaceae

Gard. Dict., ed. 8.: n.° 3 (1768)

LAO ເຄືອໝາມເລັບແມວ





- **Specimen(s):** 155 m (Z2032), 192 m (Z1791).
- **Notes:** Climbing shrubs, 7 m tall, scattered in evergreen broad-leaved forest, near streams; inflorescences ca. 1 cm, dichotomously divided; flowers 5-merous, yellowish green.

Ziziphus rugosa Lam.

Rhamnaceae

Encycl. 3: 319 (1789)

LAO ໝາກມາຍ




- **Specimen(s):** 187 m (Z2627).
- **Notes:** Trees, 7 m tall, at edge of disturbed semi-evergreen forest; leaves broadly ovate to broadly elliptic, 7–15 × 5–7 cm, margin finely serrate, lower surface prominent and densely pubescent.

Celtis philippensis Blanco

Fl. Filip.: 197 (1837)

Cannabaceae

LAO ຂี้ໝອນຄາຍ



- **Specimen(s):** 198 m (Z2289), 209 m (Z2671), 435 m (Z522).
- **Notes:** Trees, to 15 m tall, locally common in semi-evergreen forest on limestone slopes; leaves glabrous, 3-nerved; fruits globose to ellipsoid, yellowish-orange. This species was first recorded in Laos based on our collections from Nam Kading (Tagane *et al.* 2017).

Antiaris toxicaria (J.F.Gmel.) Lesch.

Ann. Mus. Hist. Nat. 16: 478 (1810)

Moraceae

LAO ຢາງນ່ອງຂາວ



- **Specimen(s):** 405 m (Z1090).
- **Notes:** Trees to 30 m tall or more, scattered in evergreen and seasonal dry semi-evergreen forests; branchlets and leaves pubescent with brown hairs. The plant contains white milky latex with various toxic cardenolides, traditionally used as dart poison. It is widely distributed in the Old World tropics, and several subspecies and varieties have been recognized.

Artocarpus lacucha Buch.-Ham.

Moraceae

Mem. Wern. Nat. Hist. Soc. 5: 333 (1826)

LAO ขาดป่า



- **Specimen(s):** 190 m (Z2653).
- **Notes:** Deciduous trees up to 40 m tall, found at the edge of disturbed semi-evergreen forest; plant parts with brown indumentum throughout; leaves distichous, stipules lateral (not amplexicaul), leaf blade margins usually entire or weakly denticulate toward the apex, but often 3-lobed in juvenile plants. It is known as monkey jack, this species is valued for its timber and edible fruits.

Ficus auriculata Lour.

Moraceae

Fl. Cochinch.: 666 (1790)

LAO ເດື່ອຫູວາ



- **Specimen(s):** 192 m (Z770), 435 m (Z975).
- **Notes:** Shrubs or small trees up to 15 m tall, common in and along the margins of evergreen forest, often along streams; leaves spirally arranged, blades elliptic to obovate, symmetrical, with 4–6 pairs of lateral veins, the basal pair extending to ca. 1/3 of the blade length; plants dioecious, syconia borne on leafless branchlets up to 10 cm long on the trunk and main branches.

Ficus benjamina L.

Moraceae

Mant. Pl.: 129 (1767)

LAO ໄຮມ້ອຍ



- **Specimen(s):** 216 m (Z2238), 435 m (Z1221).
- **Notes:** Trees up to 20 m tall, common in semi-evergreen forest, often on limestone karst; leaves spirally arranged, blades elliptic to ovate, coriaceous, with tertiary venation parallel to the lateral veins and often difficult to distinguish from secondary veins in the field; plants monoecious, bearing staminate and pistillate flowers in the same syconium; syconia axillary on leafy branches, solitary or paired.

Ficus callosa Willd.

Moraceae

Mém. Acad. Roy. Sci. Hist. (Berlin) 1798: 102 (1798)

LAO ເດື່ອ



- **Specimen(s):** 173 m (Z1654), 180 m (Z2154).
- **Notes:** Trees up to 40 m tall or more, occasional in semi-evergreen forest on limestone hills, often along streams; leaves spirally arranged; blades elliptic to obovate, symmetrical, coriaceous, with 7–11 pairs of lateral veins; plants monoecious, bearing staminate and pistillate flowers in the same syconium; syconia axillary, solitary or paired; receptacles whitish green when young.

Ficus chartacea (Wall. ex Kurz) Wall. ex King

Moraceae

Ann. Roy. Bot. Gard. (Calcutta) 1: 159 (1888)

LAO ເດື່ອຂີ້ນົກ



- **Specimen(s):** 174 m (Z1527), 183 m (Z1816), 192 m (Z2637).
- **Notes:** Shrubs up to 10 m tall, locally common at evergreen forest edges, in disturbed semi-evergreen forest, and along roadsides; leaves spirally arranged, blades elliptic to obovate, chartaceous; plants dioecious, with either male and gall flowers or only female flowers in each syconium; syconia axillary or below the leaves on previous season's growth, almost sessile, often paired.

Ficus curtipes Corner

Moraceae

Gard. Bull. Singapore 17: 397 (1960)

LAO ໄຮຫີນ



- **Specimen(s):** 173 m (Z2540), 179 m (Z2230).
- **Notes:** Trees more than 20 m tall, occasional in evergreen and semi-evergreen forests, often on limestone karst; leaves spirally arranged, blades obovate to oblanceolate, rounded to retuse at the apex; plants monoecious, bearing staminate and pistillate flowers in the same syconium; syconia axillary, often paired, sometimes solitary, almost sessile; receptacles orange to red at maturity.

Ficus glaberrima Blume

Bijdr. Fl. Ned. Ind.: 451 (1825)

Moraceae

LAO ໂຮດຸກເດື່ອ



- **Specimen(s):** 192 m (Z763), 194 m (Z1725).
- **Notes:** Trees up to 20 m tall, occasional in evergreen forest or on limestone karst; leaves spirally arranged, blades elliptic to ovate, coriaceous, with 6–10 pairs of lateral veins, the basal pair extending to ca. 1/4–1/6 of the blade length; plants monoecious, bearing staminate and pistillate flowers in the same syconium; syconia axillary, often paired, with peduncles 0.3–1.5 cm long.

Ficus heterophylla L.f.

Suppl. Pl.: 442 (1782)

Moraceae

LAO ໝາກນອດນ້ຳ



- **Specimen(s):** 179 m (Z2528).
- **Notes:** Shrubs 3–5 m tall, common at seasonal evergreen forest edges and in disturbed evergreen forest, often along streams; leaves distichous, chartaceous, often pinnately or palmately lobed in juvenile plants; plants dioecious, bearing either male and gall flowers or only female flowers in each syconium; syconia axillary on leafy or older leafless branches, solitary, with peduncles 1–1.5 cm long.

Ficus heterostyla Merr.

Moraceae

J. Arnold Arbor. 23: 1158 (1942)

LAO ໄຮ



- **Specimen(s):** 154 m (Z1887).
- **Notes:** Shrubs up to 5 m tall, found in disturbed evergreen forest in limestone valleys; leaves subopposite or distichous, blades oblong to obovate, chartaceous, pubescent on both surfaces, with denticulate margins; plants dioecious, bearing either male and gall flowers or only female flowers in each syconium; syconia borne on slender, rooting, often branched leafless branches more than 3 m long.

Ficus microcarpa L.f.

Moraceae

Suppl. Pl.: 442 (1782)

LAO ໄຮໝ



- **Specimen(s):** 194 m (Z1690), 458 m (Z779).
- **Notes:** Trees to 25 m tall or more, common at forest edges and in scrubland on limestone karst; leaves spirally arranged, blades elliptic to obovate, coriaceous, short-acuminate at apex; plants monoecious; syconia axillary, usually paired and sessile. This species is widely distributed from tropical and subtropical Asia to the western Pacific, and often cultivated as an ornamental tree in gardens, parks, and along roads.

Ficus simplicissima Lour.

Moraceae

Fl. Cochinch.: 667 (1790)

LAO ເດື່ອຫອມ, ເດື່ອຂົນ



- **Specimen(s):** 183 m (Z1827), 190 m (Z2651).
- **Notes:** Shrubs up to 5 m tall, common in evergreen and seasonal dry semi-evergreen forests, often in regrowth or disturbed areas; twigs, leaves, and syconia densely covered with white to dark brown hirsute hairs; leaves spirally arranged, blades elliptic to obovate, chartaceous to subcoriaceous; plants dioecious; syconia axillary or below the leaves, solitary or paired, sessile.

Maclura cochinchinensis (Lour.) Corner

Moraceae

Gard. Bull. Singapore 19: 239 (1962)

LAO ໝາມເຂ



- **Specimen(s):** 180 m (Z2170).
- **Notes:** Usually shrubs or scandent shrubs up to 3 m tall, sometimes woody climbers, occasional in dry evergreen and semi-evergreen forests; stems armed with straight or curved thorns. It is widely distributed from tropical and subtropical Asia to Australia, with significant morphological variation such as in the shape of leaf blades. The fruit photo is from Luang Prabang (specimen: *Tagane et al. Z3530*).

Streblus asper Lour.

Fl. Cochinch.: 615 (1790)

Moraceae

LAO ສົ້ມພໍ່



- **Specimen(s):** 174 m (Z1462), 175 m (Z2112), 209 m (Z2685).
- **Notes:** Trees or shrubs up to 10 m tall, common in dry evergreen and semi-evergreen forests, often along streams; plants without spines; staminate inflorescences axillary, solitary or paired, capitate; pistillate inflorescences axillary, solitary or paired, 1-flowered. The species sometimes bears bisexual inflorescences, with one sessile pistillate flower surrounded by staminate flowers.

Taxotrophis macrophylla (Blume) Boerl.

Handl. Fl. Ned. Ind. 3: 359 (1900)

Moraceae

LAO ໜາມຂີ້ແຮດ, ຂ່ອຍໃບໃຫຍ່



- **Specimen(s):** 349 m (Z787).
- **Notes:** Trees or shrubs up to 10 m tall, scattered in evergreen forest; stipules caducous, with scars often conspicuous, especially on young twigs; leaf blades elliptic, oblong, or obovate, with 6–10 pairs of lateral veins conspicuously prominent abaxially and reticulate tertiary venation; staminate and pistillate inflorescences axillary, solitary; drupes subglobose, whitish, dehiscent at maturity.

Boehmeria nivea (L.) Gaudich.

Urticaceae

Voy. Uranie: 499 (1830)

LAO ป๊ปำม, ป๋าม





- **Specimen(s):** 183 m (Z1671).
- **Notes:** Shrubs, to 1.5 m tall, locally common at roadside forest edge; leaves alternate; blades ovate, to 15 cm long, lower surface white-tomentose, apex acuminate.

Poikilospermum suaveolens (Blume) Merr.

Urticaceae

Contr. Arnold Arbor. 8: 47 (1934)

LAO ຂะໜັ




- **Specimen(s):** 173 m (Z2210), 435 m (Z1196).
- **Notes:** Scandent shrubs, hemi-epiphytic, scattered in evergreen and dry evergreen forest, often on rocks along streams; leaves simple, alternate, blades ovate, to 2 cm long, glabrous on both surfaces; inflorescences in the leaf axils or on twigs behind leaves.

Pouzolzia zeylanica (L.) Benn. var. **calcicola** Friis & Wilmot-Dear

Urticaceae

Nordic J. Bot. 24: 79 (2006)

LAO ขย้ำขมอมตาย





- **Specimen(s):** 194 m (Z1713), 206 m (Z1553), 217 m (Z1639), 455 m (Z535).
- **Notes:** Subshrubs, to 1.5 m tall, locally common on limestone karst; leaves alternate, blades on main stem broadly ovate to ovate, longer than 1 cm with long petioles up to 13.5 cm, leaf size on flowering branches gradually smaller toward apex.

Pouzolzia zeylanica (L.) Benn. var. **zeylanica**

Urticaceae

Pl. Jav. Rar.: 67 (1838)

LAO ขย้ำขมอมตายน้อย





- **Specimen(s):** 174 m (Z1453).
- **Notes:** Perennial herbs, to 50 cm tall, scattered in grassland, roadside wet places; leaves opposite or alternate on lower part of stems, blades ovate up to 3.8 cm long, much smaller than var. *calciola*.

Castanopsis piriformis Hickel & A.Camus

Bull. Soc. Bot. France 68: 395 (1921 publ. 1922)

Fagaceae

LAO ກ໋ຂີ້ໝູ



- **Specimen(s):** 198 m (Z2630).
- **Notes:** Trees, occasional in evergreen and semi-evergreen forest at lowland. This species is easily recognized by its pyriform (pear-shaped) fruits, cupule completely enclosing the nut, and smooth cupule wall (without spines and scales).

Engelhardia spicata Lechen ex Blume

Bijdr. Fl. Ned. Ind.: 528 (1826)

Juglandaceae

LAO ຜ່າວ



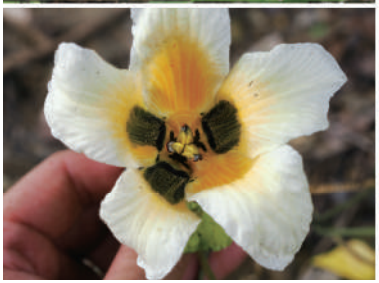
- **Specimen(s):** 192 m (Z2741).
- **Notes:** Trees, to 20 m tall; leaves paripinnate, leaflets 4–14, elliptic; inflorescences axillary, catkins 6–15 cm long; nuts globose to ovoid, hispid, with distinctive three-lobed wings.

Momordica cochinchinensis (Lour.) Spreng.

Cucurbitaceae

Syst. Veg., ed. 16. 3: 14 (1826)

LAO ເຄືອໝາກເຂົ້າ



- **Specimen(s):** 154 m (Z2438), 194 m (Z1737).
- **Notes:** Climbers, to 10 m long, dioecious; leaves 3–5-palmately lobed; flowers solitary, somewhat hairy; petals creamy-yellow, inner 3–4 with dark basal blotch; fruits ovoid, ellipsoid or subglobose; pericarp densely tuberculate or spiny, green when young, orange-red at maturity.

Tetrameles nudiflora R.Br.

Tetramelaceae

J.J.Bennett, Pl. Jav. Rar.: 79 (1838)

LAO ໄມ້ສະພຸງ




- **Specimen(s):** 216 m (Z2236), 435 m (Z1200).
- **Notes:** Trees, 25 m tall, scattered in semi-evergreen forests, limestone areas; twigs stout, with large, prominent leaf scars; inflorescences 12–28 cm long; flowers 4-merous, very small.

Begonia modestiflora Kurz

Begoniaceae

Flora 54: 296 (1871)

LAO ສົ້ມກຸ້ງ





- **Specimen(s):** 225 m (Z1680).
- **Notes:** Stems succulent; leaves asymmetric, chartaceous when dry, ovate to triangular, adaxial surface sparsely hairy; inflorescences terminal, protandrous, with distal staminate and (1–)2 basal pistillate flowers.

Begonia namkadingensis C.J.Yang, Soulad. & Tagane

Begoniaceae

Phytotaxa 334: 195 (2018)

LAO ສົ້ມກຸ້ງນ້ຳກະດິ່ງ





- **Specimen(s):** 156 m (Z2577), 330 m (L1202), 330 m (L960).
- **Notes:** Monoecious herbs, scattered on shaded limestone rocks; described based on our collections and endemic to central Laos (Yang *et al.* 2018); characterized by its smaller habit, stem less than 15 cm long, less hairy stems and leaves, narrower inner dorsal tepals of pistillate flowers, fewer stamens, and smaller fruits.

Euonymus indicus B.Heyne ex Wall.

Celastraceae

W.Roxburgh, Fl. Ind. 2: 409 (1824)

LAO ກະດຸກໄກ່



- **Specimen(s):** 282 m (L414), 453 m (Z2355).
- **Notes:** Trees, scattered in evergreen broad-leaved forest on limestone hills; leaves opposite; inflorescences axillary or on old branches; flowers 5-merous, petals white-red with fimbriate margin; stamens 5, incurved.

Siphonodon celastrineus Griff.

Celastraceae

Calcutta J. Nat. Hist. 4: 247 (1843)

LAO ຕາປອກ



- **Specimen(s):** 171 m (Z2016).
- **Notes:** Trees, 8–15 m tall, scattered in semi-evergreen forest; leaves alternate, elliptic to oblong, leathery, margin serrate; fruits ellipsoid, green-yellow when mature.

Cnestis palala (Lour.) Merr.

Connaraceae

J. Straits Branch Roy. Asiat. Soc. 85: 201 (1922)

LAO ຫອນໄກ່, ເຄືອສະໝັດ



- **Specimen(s):** 192 m (Z1792).
- **Notes:** Woody climbers; occasional to common in evergreen broad-leaved forest, roadside, near streams; young branchlets tomentose; leaflets elliptic to oblong, 2–3.5 × 1–2 cm, petiolule 1 mm long; flowers shortly pedicellate; sepals hairy; petals glabrous, white.

Connarus semidecandrus Jack

Connaraceae

Malayan Misc. 2(7): 39 (1822)

LAO ຖອບແຖບ, ຕອບແຕບ



- **Specimen(s):** 147 m (Z1243), 185 m (Z2595).
- **Notes:** Lianas or scandent shrubs; at margins of semi-evergreen to evergreen forests, along dry streams near limestone karst; follicle slightly compressed, dehiscing longitudinally on adaxial side; fruits yellow; seeds black.

Elaeocarpus tectorius (Lour.) Poir.

Elaeocarpaceae

Encycl., Suppl. 2: 704 (1812)

LAO ສົ້ມມໍຫີນ





- **Specimen(s):** 174 m (Z1526).
- **Notes:** Trees, 8 m tall, occasional to common in semi-evergreen forest; leaves elliptic-ovate, 15–25 cm long, secondary veins ca. 13 pairs, petioles 6–9 cm long.

Microdesmis casearifolia Planch. ex Hook.

Pandaceae

Hooker's Icon. Pl. 8: 758 (1848)

LAO ຂີ້ມິດກ້ຽງ





- **Specimen(s):** 187 m (Z2624).
- **Notes:** Shrubs or small trees, to 7 m tall, found at edge of disturbed semi-evergreen forest; leaves elliptic, oblong, ovate-oblong, 3–12 × 1–5 cm; fruits green when young, reddish-orange when mature.

Irvingia malayana Oliv. ex A.W.Benn.

Irvingiaceae

J.D.Hooker, Fl. Brit. India 1: 522 (1875)

LAO ກະບົກ



- **Specimen(s):** 156 m (Z2553).
- **Notes:** Trees, to 30 m tall, with buttressed base; bark greyish-brown; stipules tubular, caducous; leaf blades elliptic to ovate, glabrous, lower surface glaucous; inflorescences paniculate; flowers greenish-white to yellowish; drupes ovoid to ellipsoid, slightly flattened, yellow, fleshy, with woody endocarp.

Carallia brachiata (Lour.) Merr.

Rhizophoraceae

Philipp. J. Sci. 15: 249 (1919)

LAO ບົງນົ້ງ, ຊ່ຽງພ້ານາງແອ



- **Specimen(s):** 155 m (Z2033), 174 m (Z1474), 420 m (Z2377).
- **Notes:** Trees, 15 m tall, in dry evergreen forests; inflorescences shining by secreted resin; flowers shortly pedicellate or sessile. It is easily recognized by its opposite leaves and long terminal bud.

Garcinia lanceifolia Roxb.

Clusiaceae

Fl. Ind., ed. 1832. 2: 623 (1832)

LAO ສົ້ມແປ



- **Specimen(s):** 420 m (Z2385), 434 m (Z1102), 458 m (Z823).
- **Notes:** Trees up to 4 m tall, occasional in evergreen forest; cultivated in SE Thailand. Young shoots and leaves are edible with sour taste; fruits also edible (Ngernsaengsaruay & Suddee 2016).

Garcinia merguensis Wight

Clusiaceae

Ill. Ind. Bot. 1: 124 (1838)

LAO ກະນອນ



- **Specimen(s):** 174 m (Z1525), 405 m (Z1060).
- **Notes:** Trees, common in seasonal evergreen forest; twigs 4-angular, glabrous; leaves ovate-elliptic, 5–7 cm long, acuminate at apex.

Garcinia nuntasaenii Ngerns. & Suddee

Clusiaceae

Thai Forest Bull., Bot. 44: 134 (2016)

LAO ຊ້າງງາເອກ





- **Specimen(s):** 146 m (L430), 173 m (Z2205), 405 m (Z1029).
- **Notes:** Shrubs, up to 1 m tall; common in understory of dry evergreen forest and semi-evergreen forest in limestone area; recorded in Laos for the fires time by Tagane *et al.* (2017).

Garcinia oliveri Pierre

Clusiaceae

Fl. Forest. Cochinch.: t. 64 (1882)

LAO ສົ້ມໂມງ









- **Specimen(s):** 175 m (Z2121), 464 m (Z2345).
- **Notes:** Evergreen trees, dioecious; flowers unisexual, 4-merous; pedicel greenish yellow, glabrous; sepals and petals decussate, glabrous, thick, fleshy; sepals yellow-orangish, concave; petals pale yellow, concave.

Garcinia pedunculata Roxb. ex Buch.-Ham.

Clusiaceae

Edinburgh J. Sci. 7: 45 (1827)

LAO ตะลิงปิงป่า





- **Specimen(s):** 209 m (Z2711).
- **Notes:** Trees to 15 m tall, occasional in semi-evergreen forest; leaves oblong to obovate-oblong, longer than 15 cm, with distinct 10–13 pairs of secondary veins.

Garcinia thorelii Pierre

Clusiaceae

Fl. Forest. Cochinch.: t. 62 (1882)

LAO สีมป่อๆ





- **Specimen(s):** 198 m (Z2285).
- **Notes:** Evergreen trees; occasional in dry evergreen forest on limestone slope and along dry streams; leaves narrow-elliptic to ovate-obovate, secondary veins prominent abaxially; inflorescences axillary or on twigs behind leaves.

Cratoxylum cochinchinense (Lour.) Blume

Hypericaceae

Ann. Mus. Bot. Lugduno-Batavi 2: 17 (1856)

LAO ต๊อม่อม



- **Specimen(s):** 173 m (Z2208), 194 m (Z1733).
- **Notes:** Trees or shrubs, 2–30 m tall; bark fissured; exudate reddish-brown; leaves opposite, blades oblong to elliptic, glossy, gland-dotted; flowers axillary; petals red to orange; stamens numerous; seeds 6–8 per locule.

Cratoxylum formosum (Jack) Benth. & Hook.f. ex Dyer subsp. **formosum**

Hypericaceae

J.D.Hooker, Fl. Brit. India 1: 258 (1874)

LAO ต๊อสี้ม



- **Specimen(s):** 194 m (Z1732).
- **Notes:** Trees, to 8 m tall, spiny; bark scaly, exudate watery; leaves variable, ovate to obovate, tertiary veins reticulate; flowers white, cymose; fruits small, purple-red; seeds 6–8 per locule.

Cratoxylum formosum subsp. **pruniflorum** (Kurz) Gogelein

Hypericaceae

Blumea 15: 469 (1967 publ. 1968)

LAO ຕົ້ອສົ້ມດອກຈອງ





- **Specimen(s):** 161 m (Z2419).
- **Notes:** *Cratoxylum formosum* subsp. *pruniflorum* is distinguished from subsp. *formosum* by its densely hairy young twigs, leaves, pedicels, and calyx.

Dichapetalum gelonioides (Roxb.) Engl.

Dichapetalaceae

H.G.A.Engler & K.A.E.Prantl, Nat. Pflanzenfam. 3(4): 348 (1896)

LAO ໝາກຜ່າສາມ



- **Specimen(s):** 156 m (Z2475), 190 m (Z1979).
- **Notes:** Shrubs or small trees, 3–5 m tall; young stems puberulous; inflorescences axillary, cymose, 4–5-flowered; peduncle 0.8–1 cm long; female flowers larger than male flowers; sepals densely pubescent outside; seeds with red aril.

Parinari anamensis Hance

J. Bot. 15: 333 (1877)

Chrysobalanaceae

LAO ພອກ



- **Specimen(s):** 171 m (Z2026).
- **Notes:** Evergreen trees, to 10 m tall, occasional in semi-dry evergreen forest; bark grey-brown, deeply cracked, ridged, horizontally broken or flaking; young twigs hairy; fruits drupaceous, oval to nearly globose, pale brown with grey scabs.

Rinorea bengalensis (Wall.) Kuntze

Revis. Gen. Pl. 1: 42 (1891)

Violaceae

LAO ໃຕ້ໃບຫີນ



- **Specimen(s):** 180 m (Z2125), 259 m (Z1596), 405 m (Z1036).
- **Notes:** Small trees up to 6 m tall, fairly common in semi-evergreen forest on limestone karst. This species is widely distributed from tropical Asia to the western Pacific, and known to be highly variable in leaf size. It can be readily recognized by its narrowly conical terminal buds and conspicuous stipular scars on twigs.

Casearia flexuosa Craib

Bull. Misc. Inform. Kew 1911: 54 (1911)

Salicaceae

LAO ອ້ອມໂຕ, ເຢົ້ານ້ອຍ, ແຕກຕົ້ນ



- **Specimen(s):** 156 m (Z2548).
- **Notes:** Shrubs, 1 m tall, scattered in evergreen forest; leaves alternate, blades elliptic, margin serrate; fruits broadly ellipsoid, to 1 cm long, glabrous.

Casearia grewiifolia Vent.

Choix Pl.: t. 48 (1808)

Salicaceae

LAO ໝາກແຕກສາມ



- **Specimen(s):** 161 m (Z2430).
- **Notes:** Trees, 6 m tall, occasional in semi-evergreen forest and disturbed areas. Leaves alternate, blades narrowly elliptic to obovate, densely pubescent on both surfaces (sometimes less hairy on upper surface); fruits ellipsoid or subglobose, longer than 2 cm.

Flacourtia indica (Burm.f.) Merr.

Salicaceae

Interpr. Herb. Amboin.: 377 (1917)

LAO ເກັ້ມ, ເກັ້ມຕາຄວາຍ





- **Specimen(s):** 173 m (Z2197).
- **Notes:** Deciduous shrubs, bushy, young branches usually armed with spines; leaves alternate, oblong-obovate, to 5 cm long; fruits globose, about 1 cm in diam., edible.

Hemiscolopia trimera (Boerl.) Slooten

Salicaceae

Bull. Jard. Bot. Buitenzorg, sér. 3, 7: 342 (1925)

LAO ຊ່າໜາກຕາກົບ





- **Specimen(s):** 405 m (Z1091).
- **Notes:** Evergreen trees. We found several individuals growing in seasonally semi-evergreen forest in limestone area.

Alchornea tiliifolia (Benth.) Müll.Arg.

Euphorbiaceae

Linnaea 34: 168 (1865)

LAO ອຳໄຍ่สามใบ



- **Specimen(s):** 190 m (Z2649).
- **Notes:** Shrubs 2 m tall, common in distrubed area, roadside forest edges; leaves alternate; blades ovate to deltoid, apex apiculate; fruits green, finely verrucose. One fruiting specimen collected from secondary forest edge in September.

Balakata baccata (Roxb.) Esser

Euphorbiaceae

Blumea 44: 155 (1999)

LAO สะโพ, ลับแล



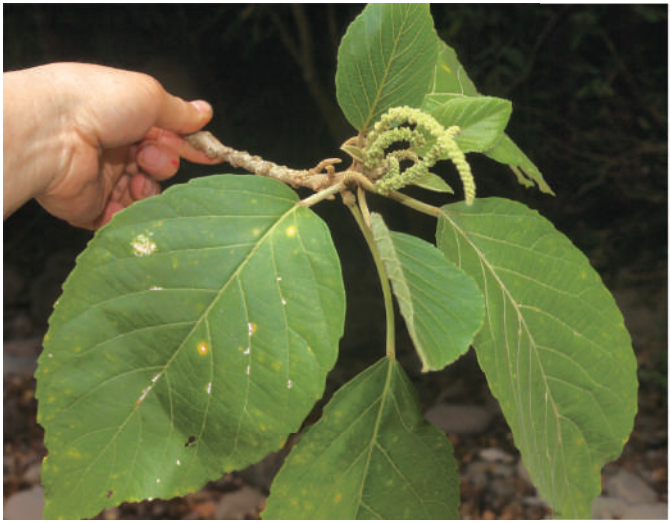
- **Specimen(s):** 209 m (Z2660), 282 m (L421).
- **Notes:** Trees, 2 m tall, locally common in secondary evergreen forest, also in primary forest; leaves alternate, blade ovate, glabrous on both surfaces, with glands near the base.

Claoxylon indicum (Reinw. ex Blume) Hassk.

Euphorbiaceae

Cat. Hort. Bot. Bogor. Alt.: 235 (1844)

LAO ຂາງກະອ້າຍ





- **Specimen(s):** 147 m (Z1235), 217 m (Z1382), 238 m (Z1612), 330 m (L1205).
- **Notes:** Shrubs to small trees, to 5 m tall; scattered in various vegetation, often common in disturbed dry areas; twigs and leaves minutely whitish hairy; leaves opposite, blades ovate-elliptic, to 25 cm long.

Cleidion javanicum Blume

Euphorbiaceae

Bijdr. Fl. Ned. Ind.: 613 (1826)

LAO ບີໝີ





- **Specimen(s):** 209 m (Z2720), 330 m (L946), 405 m (Z1025).
- **Notes:** Trees to 15 m tall, scattered or locally common in semi-evergreen forest, also in rocky limestone areas; widely distributed from India to SE Asia; leaves alternate, glabrous on both surfaces, secondary veins 8 or 9 pairs; ovary 2-locular.

Croton caudatus Geiseler

Croton. Monogr.: 73 (1807)

Euphorbiaceae

LAO ເຢົ້ານ້ຳ





- **Specimen(s):** 147 m (Z2044), 156 m (Z2476), 185 m (Z2588).
- **Notes:** Scandent shrubs or woody climbers up to 5 m tall, fairly common in disturbed areas such as roadside thickets and forest edges; leaves distinctly triplinerved, densely covered with stellate hairs. The species is widely distributed in tropical Asia, extending to Australia.

Excoecaria cochinchinensis Lour. var. **viridis** (Pax & K.Hoffm.) Merr.

Philipp. J. Sci. 15: 244 (1919)

Euphorbiaceae

LAO ລົ້ມຄວາຍ









- **Specimen(s):** 160 m (Z2059), 201 m (Z1593).
- **Notes:** Small shrubs, 1.5 m tall, locally common in lowland evergreen forest; leaves opposite, blades shorter than 12 cm, glabrous on both surfaces.

Excoecaria oppositifolia Griff.

Euphorbiaceae

Calcutta J. Nat. Hist. 4: 386 (1844)

LAO ກົກຕົ້ງ



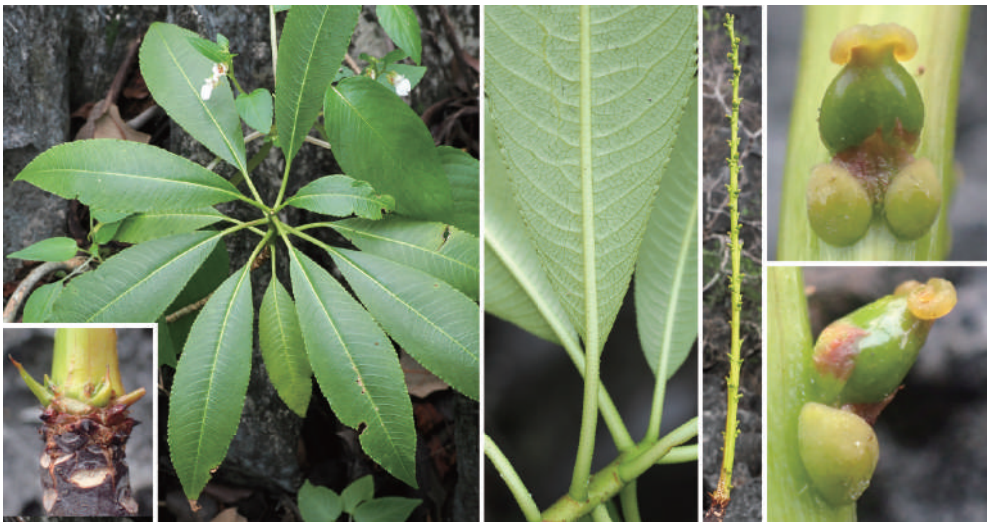
- **Specimen(s):** 175 m (Z2118).
- **Notes:** Small evergreen trees, to 6 m tall, occasional in semi-evergreen forest at lowland; stems and leaves with white sap when broken or crushed; leaves opposite, 15–25 cm long, larger than those of *E. cochinchinensis*.

Falconeria insignis Royle

Euphorbiaceae

Ill. Bot. Himal. Mts.: 354 (1839)

LAO ຕາຕຸ່ມຍິກ



- **Specimen(s):** 253 m (Z1857), 454 m (Z2398).
- **Notes:** Deciduous trees to 8 m tall, commonly found on limestone karst; stems and leaves with white sap when broken; flowering in March (end of dry season).

Homonoia riparia Lour.

Euphorbiaceae

Fl. Cochinch.: 637 (1790)

LAO ໃຄ້ນ້ຳ



- **Specimen(s):** 147 m (Z2051), 191 m (Z2090), 192 m (Z767), 192 m (Z771).
- **Notes:** Shrubs, monoecious, fairly common along rivers and streams; leaves alternate, blades linear to narrowly oblanceolate, white on lower surface.

Hura crepitans L.

Euphorbiaceae

Sp. Pl.: 1008 (1753)

LAO ໂພທະເລ



- **Specimen(s):** 177 m (Z2226).
- **Notes:** Trees, 30 m tall, found beside a crop field near river; native to Tropical America; trunk covered with spines; white sap poisonous.

Koilodepas longifolium Hook.f.

Euphorbiaceae

Fl. Brit. India 5: 420 (1887)

LAO ກະແລງຫີນ



- **Specimen(s):** 156 m (Z2543), 458 m (Z800), 464 m (Z2340).
- **Notes:** Trees, 6 m tall, locally common in dry evergreen forest on limestone area and semi-evergreen forest near river; petioles swollen at both ends, leaf blades elliptic-oblong, apex acuminate. Flowering specimens (*Z800* and *Z2340*) were collected in March and fruiting specimen (*Z2543*) in June.

Lasiococca comberi Haines

Euphorbiaceae

Bull. Misc. Inform. Kew 1920: 70 (1920)

LAO ໝາກດຸງາແຫ້ງ



- **Specimen(s):** 175 m (Z2503).
- **Notes:** Trees, locally common in dry evergreen forest on limestone; leaves alternate, clustered near the end of twigs; blades oblanceolate, cordate at base; fruits covered with short spines.

Macaranga denticulata (Blume) Müll.Arg.

Euphorbiaceae

A.P.de Candolle, Prodr. 15(2): 1000 (1866)

LAO ตองลาง



- **Specimen(s):** 190 m (Z2739).
- **Notes:** Trees, 7 m tall, usually found at edge of secondary forest, near streams; leaf blades ovate-triangular, peltate, apex acuminate. One specimen with young fruits was collected in June.

Mallotus barbatus Müll.Arg.

Euphorbiaceae

Linnaea 34: 184 (1865)

LAO ตองเห้าขิน



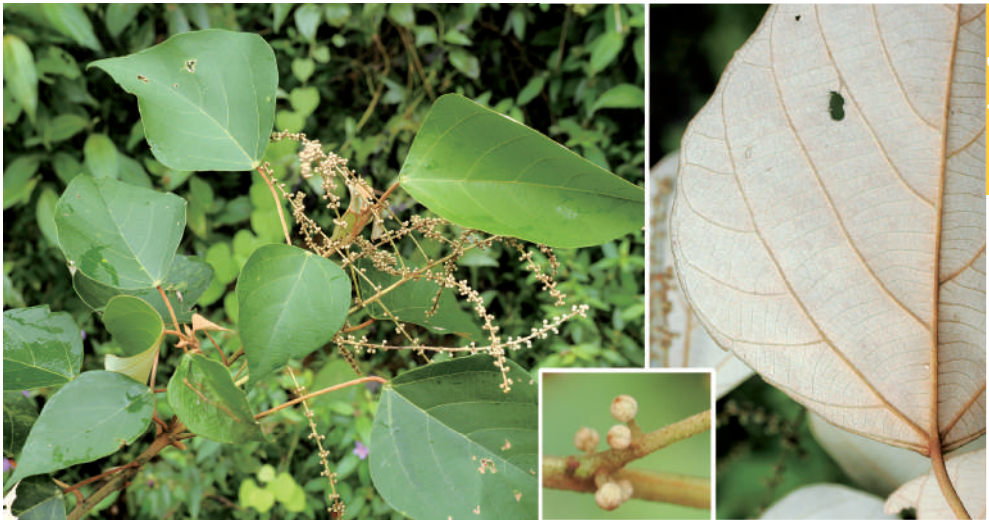
- **Specimen(s):** 238 m (Z1610).
- **Notes:** Trees, 3–5 m tall, common in roadside thickets; all part densely covered with stellate hairs; leaves alternate, usually 2–3 cm long, peltate; fruits 18 mm in diam., densely covered with soft spines and stellate hairs.

Mallotus paniculatus (Lam.) Müll.Arg.

Euphorbiaceae

Linnaea 34: 189 (1865)

LAO ສອຍດາວ



- **Specimen(s):** 287 m (Z1746).
- **Notes:** Trees, common pioneer in secondary vegetation, disturbed forest, roadside forest edge; leaves alternate, blades ovate, slightly peltate, chartaceous, dark green adaxially, whitish abaxially; fruits greenish brown, covered with spines.

Mallotus peltatus (Geiseler) Müll.Arg.

Euphorbiaceae

Linnaea 34: 187 (1865)

LAO ຂ່າຫຼອດ



- **Specimen(s):** 192 m (Z1788), 330 m (L944), 330 m (L945).
- **Notes:** Shrubs, 1.5–3 m tall, common in various forests from deciduous to evergreen forest, also in roadside thickets; leaves alternate or opposite, blades ovate to obovate, chartaceous, apex caudate, glabrous adaxially, subglabrous abaxially; fruits sparsely covered with spines.

Mallotus philippensis (Lam.) Müll.Arg.

Euphorbiaceae

Linnaea 34: 196 (1865)

LAO ໝາກຄາຍຕັ້ງໂທມ, ຕອງຄຳແສດ, ຄາຍຄຳແສດ



- **Specimen(s):** 191 m (Z2080), 209 m (Z2727).
- **Notes:** Trees, to 7 m tall, occasional in secondary forest and disturbed areas; leaves alternate, blades chartaceous, venation triplinerved; easily recognized by its red brown fruits.

Mallotus sp.

Euphorbiaceae

sp. nov., ined.

LAO ຕອງຄຳມ່ວນ



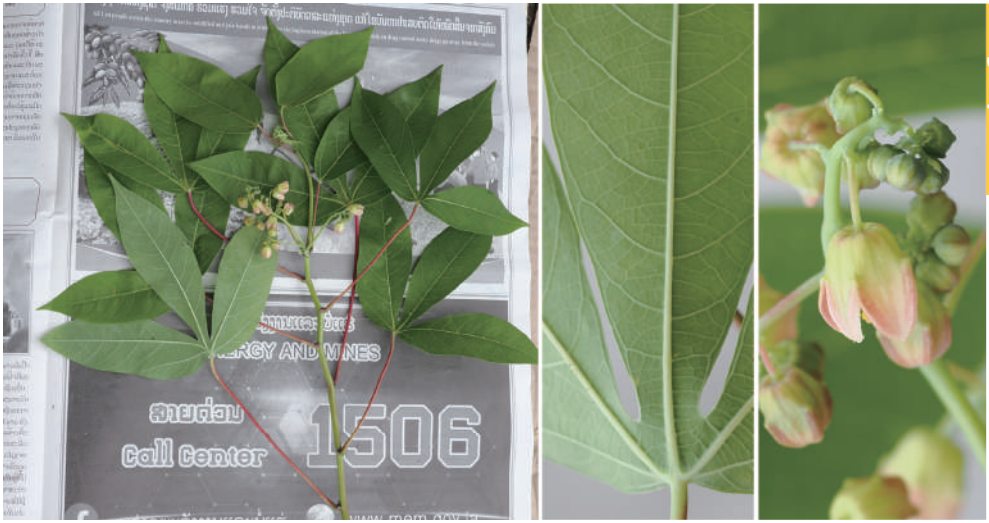
- **Specimen(s):** 160 m (Z2315), 164 m (Z1945), 173 m (Z2542), 181 m (Z2215), 193 m (Z2308).
- **Notes:** Shrubs 1.5 m tall, occasional in dry evergreen forest on limestone and its vicinity; leaves opposite, blades elliptic, 12.5–24.5 × 3.6–7.2 cm, coriaceous, glabrous adaxially, very sparsely hairy abaxially; flowering in June.

Manihot esculenta Crantz

Euphorbiaceae

Inst. Rei Herb. 1: 167 (1766)

LAO ມັນຕົ້ນ



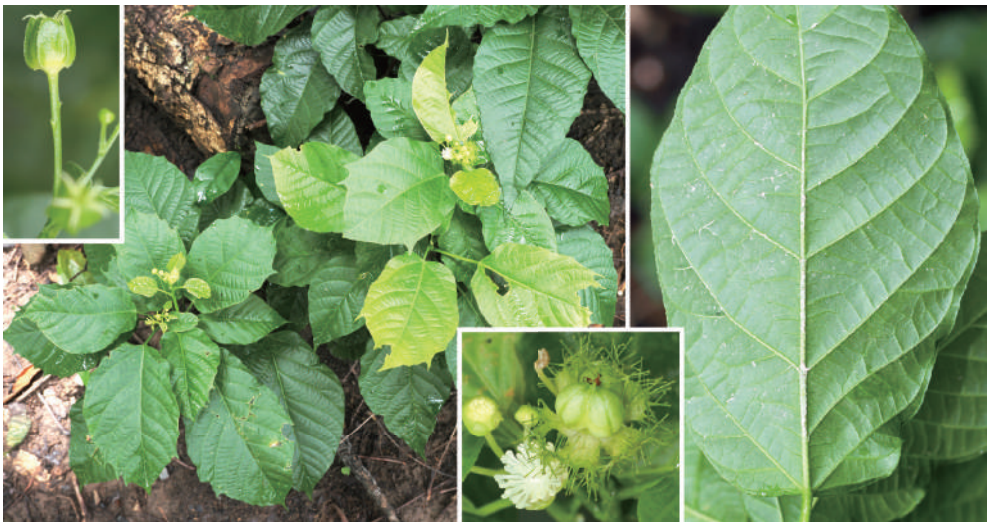
- **Specimen(s):** 183 m (Z1829).
- **Notes:** Shrubs, to 7 m tall; native to South America, cultivated widely in SE Asia including Laos; leaves alternate, dark green adaxially, pale light grayish green abaxially.

Strophioblachia fimbricalyx Boerl.

Euphorbiaceae

Handl. Fl. Ned. Ind. 3: 236 (1900)

LAO ບາຊາດ



- **Specimen(s):** 179 m (Z2603), 259 m (Z1607).
- **Notes:** Shrubs to 1 m tall. Our collections matched *Strophioblachia glandulosa* Pax from Vietnam, which is treated as a synonym of this species in Govaerts (2026).

Sumbaviopsis albicans (Blume) J.J.Sm.

Euphorbiaceae

Meded. Dept. Landb. Ned.-Indië 10: 357 (1910)

LAO ຕອງຜ້າ



- **Specimen(s):** 172 m (Z1424), 206 m (Z1362).
- **Notes:** Trees, to 6 m tall; locally common in limestone forests; easily recognized by its long petioles usually longer than 5 cm, and white lower leaf surface. Fruiting specimen (*Z1362*) was collected in June.

Suregada multiflora (A.Juss.) Baill.

Euphorbiaceae

Étude Euphorb.: 396 (1858)

LAO ດຸກຫີນ



- **Specimen(s):** 180 m (Z2144), 458 m (Z867).
- **Notes:** Trees, 3–5 m tall, occasional in seasonally dry evergreen forest and mixed deciduous forest; young twigs green and glabrous; leaves glossy adaxially, glabrous, secondary veins 7–9 pairs; flowering specimens was collected in March.

Trigonostemon flavidus Gagnep.

Euphorbiaceae

Bull. Soc. Bot. France 69: 749 (1922 publ. 1923)

LAO ເສັດຕະສັດຂົນ



- **Specimen(s):** 146 m (L968), 169 m (Z2010), 190 m (Z1982), 192 m (Z761), 205 m (Z1814).
- **Notes:** Shrubs, 1.5 m tall, common in evergreen forest and its margin at lowland; young twigs and leaves densely covered with hispid hairs; flowers dark purple to dark red, ca. 8 mm in diam.

Antidesma bunius (L.) Spreng.

Phyllanthaceae

Syst. Veg., ed. 16. 1: 826 (1824)

LAO ໝາກເໝົ່າດົງ, ເໝົ່າໂຄນ



- **Specimen(s):** 179 m (Z2604).
- **Notes:** Trees, up to 10 m tall, found in various vegetation types, including wet evergreen, dry semi-evergreen forests; leaf blades oblong to elliptic, coriaceous, acuminate at the apex, mature fruits black, edible; widely cultivated as a fruit tree, especially in Indonesia and the Philippines.

Antidesma montanum Blume

Bijdr. Fl. Ned. Ind.: 1124 (1827)

Phyllanthaceae

LAO ໝໍ້າດິງ



- **Specimen(s):** 172 m (Z2487), 173 m (Z2533), 174 m (Z1512).
- **Notes:** Shrubs up to 10 m tall, fairly common in evergreen and semi-evergreen forests and along forest edges, sometimes in scrubland on limestone karst; leaf blades elliptic to oblong, usually membranaceous to chartaceous, glabrous except the major veins adaxially, pilose abaxially. This species is widely distributed from India to Australia and is morphologically variable, especially in leaf shape and size.

Aporosa octandra (Buch.-Ham. ex D.Don) A.R.Vickery

Enum. Fl. Pl. Nepal 3: 193 (1982)

Phyllanthaceae

LAO ໝໍ້ອດຂົ້ນແປດຫຼ່ຽມ



- **Specimen(s):** 156 m (Z2480), 174 m (Z1483).
- **Notes:** Trees or shrubs up to 7 m tall, locally found in secondary semi-evergreen and deciduous forests or in *Hopea* plantations; stipules caducous, with scars often conspicuous, especially on young twigs; leaf blades elliptic, ovate, or obovate, chartaceous to coriaceous. This species is widely distributed from India to Australia, and is morphologically variable, especially in leaf size and indumentum.

Baccaurea ramiflora Lour.

Phyllanthaceae

Fl. Cochinch.: 661 (1790)

LAO ໝາກໄຟ



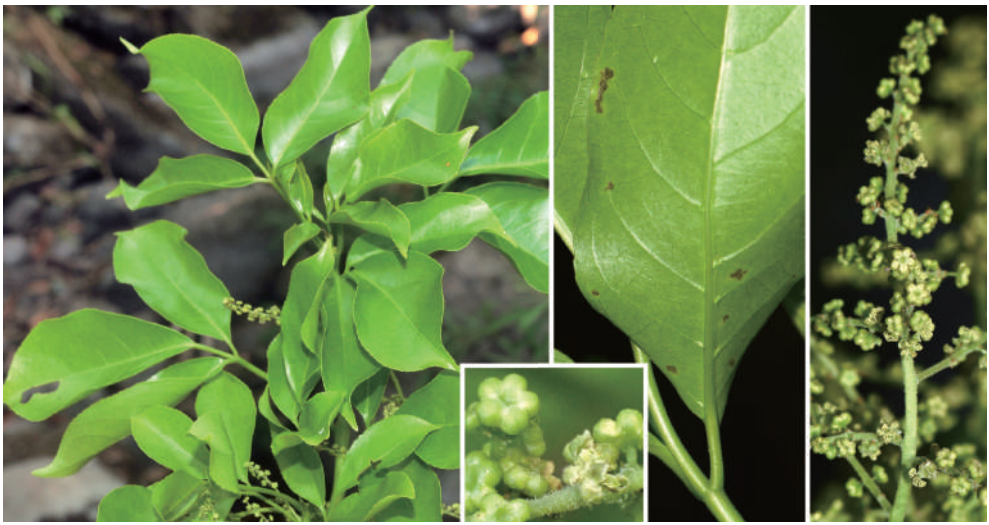
- **Specimen(s):** 173 m (Z2203), 177 m (Z2223), 209 m (Z2666), 282 m (L419), 464 m (Z2350).
- **Notes:** Trees up to 15 m tall, locally common in evergreen and semi-evergreen forests; leaves spirally arranged, with petioles swollen at both ends; inflorescences axillary to cauliflorous; berries globose to ovoid, with 1–4 seeds bearing white to yellow pulpy arillodes. The arillodes are edible; leaves, fruits, stems, bark, and seeds are used ethnomedicinally for various ailments (Goyal *et al.* 2022).

Bischofia javanica Blume

Phyllanthaceae

Bijdr. Fl. Ned. Ind.: 1168 (1827)

LAO ຂົມຜາດ



- **Specimen(s):** 458 m (Z782).
- **Notes:** Trees up to 40 m tall, common in and along the edges of evergreen and semi-evergreen forests, often along streams; leaves spirally arranged, trifoliolate; leaflet blades usually elliptic, coriaceous, with 6–8 pairs of lateral veins; flowers unisexual, green; fruits baccate, subglobose, red to brown at maturity. The bark is a source of red dye. Widely distributed from tropical and subtropical Asia to the Pacific.

Breynia androgyna (L.) Chakrab. & N.P.Balakr.

Phyllanthaceae

Bangladesh J. Pl. Taxon. 19: 120 (2012)

LAO ผักหาอานข้าน



- **Specimen(s):** 173 m (Z1990).
- **Notes:** Shrubs to treelets, up to 4 m tall. It is distinguished from other known species by having a silvery-white maculation flanking the midrib, fruits pale cream-white; apex flat or slightly depressed; fruiting calyx small, shallowly lobed, not enlarged or fleshy.

Breynia glauca Craib

Phyllanthaceae

Bull. Misc. Inform. Kew 1911: 460 (1911)

LAO ผักกลอมໜາ, ผักหาอานก้าๆปา



- **Specimen(s):** 183 m (Z1815), 194 m (Z1729).
- **Notes:** Shrubs up to 5 m tall, occasional along the edges of evergreen and semi-evergreen forests or along roadsides, often in disturbed or secondary vegetation; leaves distichous; blades coriaceous, glaucous abaxially, as reflected in the specific epithet; stigmas of pistillate flowers not united, apically split to less than half their length, erect or slightly reflexed (not spreading horizontally).

Bridelia glauca Blume

Bijdr. Fl. Ned. Ind.: 597 (1826)

Phyllanthaceae

LAO ຂ້ຶ້ນ, ຊ່າເຫຼົ້າຂຽວເທົ້າ





- **Specimen(s):** 196 m (Z1397).
- **Notes:** Trees up to 20 m tall, found at the edge of dry evergreen forest on limestone, often along streams; leaves distichous; blades elliptic, chartaceous, with 7–12 pairs of lateral veins prominent abaxially; plants monoecious; inflorescences in axils of normal leaves, with many flowers, up to 50; flowers light yellowish green, 3–5 mm in diam., with distinct pedicels 2–5 mm long.

Bridelia stipularis (L.) Blume

Bijdr. Fl. Ned. Ind.: 597 (1826)

Phyllanthaceae

LAO ຊ່າເຫຼົ້າໃບຂ້ຶ





- **Specimen(s):** 216 m (Z2242).
- **Notes:** Scandent shrubs up to 8 m tall, scattered along the edges of seasonal evergreen and semi-evergreen forests and in thickets near agricultural fields; young twigs, petioles, and the abaxial leaf surface tomentose with brown hairs; leaf blades with lateral veins ending in a marginal vein; inflorescences often borne along leafless branches or branches with small leaves, with 3–6 sessile flowers.

Flueggea virosa (Roxb. ex Willd.) Royle

Phyllanthaceae

Ill. Bot. Himal. Mts.: 328 (1836)

LAO ກ້າງປາຂາວ



- **Specimen(s):** 173 m (Z2530), 206 m (Z1372).
- **Notes:** Shrubs to 5 m tall, found in roadside thickets, disturbed forest edge; leaf blades elliptic to obovate, to 5 cm long, margin entire, slightly glaucous abaxially; fruits subglobose, 3–5 mm in diam., white when ripe.

Hymenocardia punctata Wall. ex Lindl.

Phyllanthaceae

Intr. Nat. Syst. Bot., ed. 2: 441 (1836)

LAO ຫູລີງ, ຫູໝານ



- **Specimen(s):** 151 m (Z1932), 161 m (Z2427), 171 m (Z2024).
- **Notes:** Shrubs up to 5 m tall, locally common in and along the edges of dry evergreen and secondary dry deciduous forests, often along streams; leaf blades elliptic, glabrous adaxially, densely covered with glandular scales abaxially. The genus *Hymenocardia* includes six species, most native to tropical and subtropical Africa; only one occurs in Southeast Asia.

Kirganelia microcarpa (Benth.) Hurus. & Yu.Tanaka

Phyllanthaceae

Fl. E. Himalaya: 179 (1966)

LAO ໝາກຍົມນ້ອຍ





- **Specimen(s):** 175 m (Z2110), 206 m (Z1546).
- **Notes:** Shrubs up to 6 m tall, fairly common at forest edges, in thickets, and along roadsides, often near streams; leaf blades chartaceous, sometimes subcoriaceous, glabrous on both surfaces; inflorescences fasciculate in the leaf axils, usually with 2–4 staminate flowers and 1–2 pistillate flowers. Kirganelia microcarpa was synonymised as *Phyllanthus microcarpus* by Govaerts (2026), but here we follow Bouman *et al.* (2022).

Nymphanthus elegans (Wall. ex Müll.Arg.) R.W.Bouman

Phyllanthaceae

Phytotaxa 540: 22 (2022)

LAO ຜັກຫວ່ານດົ່ງ



- **Specimen(s):** 201 m (Z1588).
- **Notes:** Shrubs up to 3 m tall, occasional in evergreen and mixed evergreen forests; inflorescences axillary, fasciculate; several staminate flowers in the proximal axils and one pistillate flower in the distal axils; sepals white, with fimbriate margins in both staminate and pistillate flowers. *Nymphanthus elegans* was synonymised as *Phyllanthus elegans* by Govaerts (2026), but here we follow Bouman *et al.* (2022).

Combretum latifolium Blume

Combretaceae

Bijdr. Fl. Ned. Ind.: 641 (1826)

LAO ເຄືອແຫມ



- **Specimen(s):** 191 m (Z2082).
- **Notes:** Woody climbers; common in disturbed semi-evergreen forest, riverside, roadside thickets at lowlands; leaves opposite, petioles 1–2 cm long, blades broadly elliptic or ovate-elliptic, glabrous on both surfaces; fruits 4-winged, pale greenish to yellowish-reddish.

Combretum pilosum Roxb. ex G.Don

Combretaceae

Trans. Linn. Soc. London 15: 417, 434 (1827)

LAO ສະມັ່ງດວ



- **Specimen(s):** 147 m (Z1228).
- **Notes:** Woody climbers, common at semi-evergreen forest margins, roadside thickets, and dry streams near limestone karst; young leaves brownish, densely hairy; inflorescences dense panicles, with small bracts; flowers pink or whitish.

Combretum quadrangulare Kurz

Combretaceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 43: 188 (1874)

LAO ແກ່ຂາວ



- **Specimen(s):** 151 m (Z1925), 194 m (Z1727).
- **Notes:** Shrubs to trees, 4–8 m tall; common in disturbed areas, roadside thickets, beside paddy fields; young twigs 4-angular; leaves opposite, simple, blades elliptic to obovate, 6–16 cm long, 3–8 cm wide.

Getonia floribunda Roxb.

Combretaceae

Pl. Coromandel 1: 61 (1795)

LAO ກະດ້ຳງ, ງວງສຸມ



- **Specimen(s):** 191 m (Z2081).
- **Notes:** Woody climbers; found in semi-evergreen forest dominated by *Dipterocarpus alatus*, *Hopea odorata*, and *Lagerstroemia calyculata*, rather common in disturbed areas at lowland; flowers greenish-white; calyx cup-shaped, 5-lobed, hairy; petals absent; stamens 10 in two whorls.

Terminalia bellirica (Gaertn.) Roxb.

Combretaceae

Pl. Coromandel 2: t. 198 (1805)

LAO ສີກາແຫນ, ແຫ່ງນ



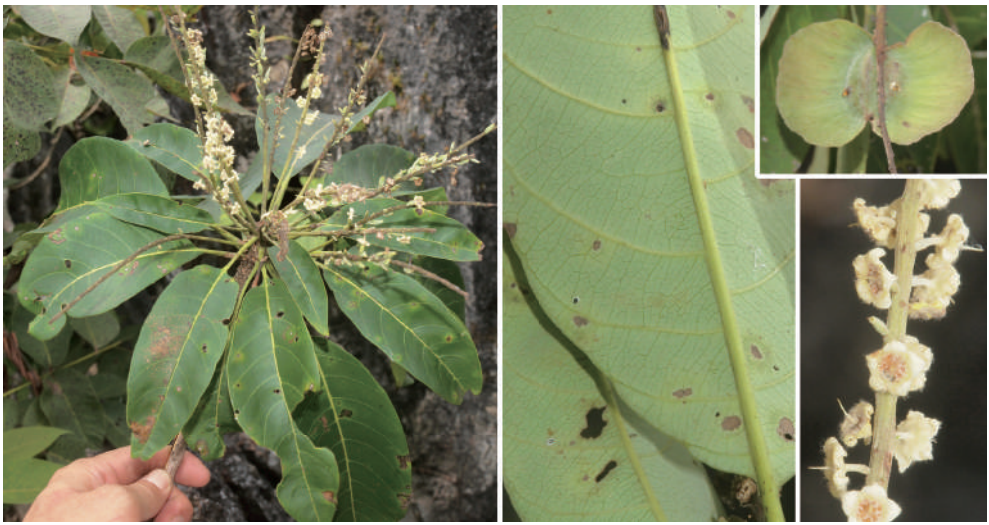
- **Specimen(s):** 164 m (Z2519).
- **Notes:** Deciduous trees up to 15 m tall; leaves alternate, glabrous; blades broadly elliptic to obovate-elliptic, secondary and tertiary veins prominent on both surfaces; fruits sub-globose to broadly ellipsoid, densely velutinous or sericeous, light yellow.

Terminalia calamansanai (Blanco) Rolfe

Combretaceae

J. Linn. Soc., Bot. 21: 310 (1884)

LAO ແຫ່ງນແດງ



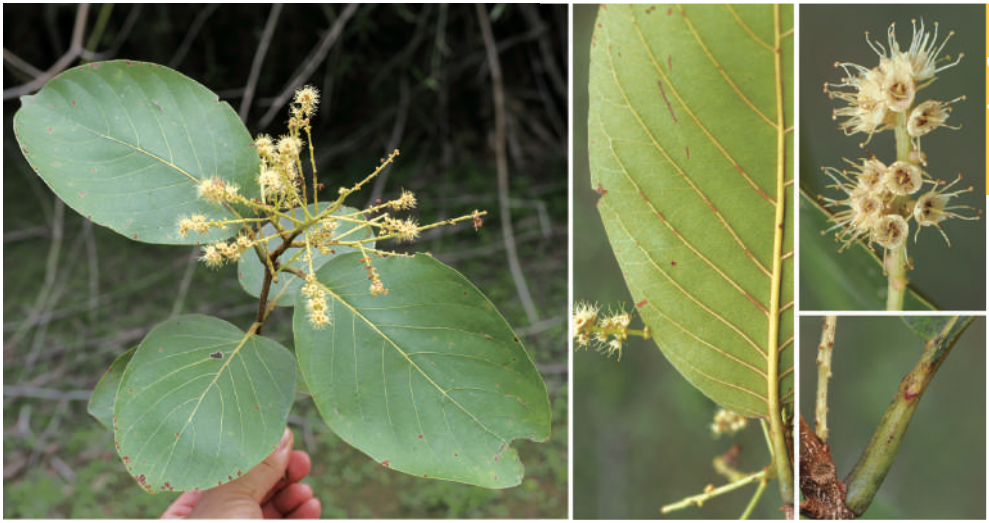
- **Specimen(s):** 194 m (Z1685), 203 m (Z1701), 455 m (Z544, Z545, Z1910).
- **Notes:** Deciduous trees, found on limestone karst; leaves simple, alternate, crowded at twig apex; flowers in axillary racemes, cream to greenish-yellow, nearly sessile, fragrant; calyx cup-shaped, 5-lobed, lobes triangular; petals absent; disc densely hairy; stamens 10 in two whorls.

Terminalia chebula Retz.

Combretaceae

Observ. Bot. 5: 31 (1788)

LAO สี้มม่อ



- **Specimen(s):** 164 m (Z2516).
- **Notes:** Deciduous trees to 10 m tall; leaves sub-opposite, with 2–4 glands near petiole apex; flowers small, greenish-white; calyx shallowly cup-shaped, 5-lobed; petals absent.

Terminalia pendula (Edgew.) Gere & Boatwr.

Combretaceae

Bot. J. Linn. Soc. 184: 321 (2017)

LAO ຊ้ะปะกายมุก



- **Specimen(s):** 166 m (Z2234), 180 m (Z2158).
- **Notes:** Trees, branchlets slightly pendulous; leaves lanceolate to elliptic, 4.7–6.5 × 1.4–2.1 cm, gold-villous when young; flowers sessile in head, peduncle 0.5–1 cm long; calyx tube yellow-pubescent abaxially; ovary densely pubescent.

Duabanga grandiflora (Roxb. ex DC.) Walp.

Lythraceae

Repert. Bot. Syst. 2: 114 (1843)

LAO ไม้ต้น



- **Specimen(s):** 146 m (L971), 425 m (Z2404).
- **Notes:** Trees up to 40 m tall, glabrous; leaves opposite, blades ovate to oblong, cordate at base; inflorescences terminal, drooping corymbs with large white flowers and numerous stamens; fruits subglobose capsules with 6–9 valves.

Lagerstroemia balansae Koehne

Lythraceae

Beibl. Bot. Jahrb. Syst. 57: 35 (1897)

LAO ເປືອຍ



- **Specimen(s):** 164 m (Z2518), 173 m (Z2531), 435 m (Z523, Z1223).
- **Notes:** Shrubs or small trees, 5–25 m tall; branches and leaves tomentose; leaf blades oblong-lanceolate to elliptic; inflorescences paniculate; flowers purple-red, floral tube 6-merous, densely golden-brown tomentose, petals orbicular to obovate.

Lagerstroemia calyculata Kurz

Lythraceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 41: 307 (1872)

LAO เปือยดอกขาว



- **Specimen(s):** 180 m (Z2149), 259 m (Z1659).
- **Notes:** Deciduous trees to 40 m tall, with mottled bark and fluted trunk base; leaves stellate-hairy on lower surface; flowers sessile, tomentose, calyx hairy, anthers yellow; capsule enclosed by persistent calyx.

Lagerstroemia macrocarpa Kurz

Lythraceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 42: 234 (1874)

LAO ภาทะเลิา



- **Specimen(s):** 154 m (Z2470).
- **Notes:** Deciduous trees 1–12 m tall; stem with grey-brown, flaky bark; leaves large, glabrous, with reticulate venation; flowers in terminal lax panicles, with violet to pink petals and numerous stamens; fruits brown, wrinkled, 6-valved capsules.

Lagerstroemia tomentosa C.Presl

Lythraceae

Abh. Königl. Böhm. Ges. Wiss., ser. 5, 3: 572 (1845)

LAO ເປືອຍຂາວ



- **Specimen(s):** 154 m (Z2471), 196 m (Z2525).
- **Notes:** Trees 20–35 m tall; stem with gray fibrous bark; branches and leaves with golden tomentum; leaf blades oblong-lanceolate to ovate, tomentose beneath; flowers in open panicles, floral tubes 6-merous and tomentose; petals white, pale pink, or purple; fruits globose to ovoid, 6-valved capsules.

Syzygium antisepticum (Blume) Merr. & L.M.Perry

Myrtaceae

Mem. Amer. Acad. Arts, n.s., 18: 159 (1939)

LAO ສະເມັກແດງ



- **Specimen(s):** 174 m (Z1514).
- **Notes:** Evergreen trees up to 20 m tall; twigs terete to slightly winged; leaf blades narrowly elliptic to ovate, with 10–15 pairs of secondary veins.

Syzygium claviflorum (Roxb.) Wall. ex Steud.

Myrtaceae

Nomencl. Bot., ed. 2. 2: 657 (1841)

LAO ຫວ້າຂີ້ກວາງ





- **Specimen(s):** 174 m (Z1524).
- **Notes:** Evergreen trees up to 20 m tall; twigs terete to 4-angled; leaves lanceolate to elliptic, with 13–26 pairs of secondary veins.

Syzygium coarctatum (Blume) Byng, N.Snow & Peter G.Wilson

Myrtaceae

Phytotaxa 217: 105 (2015)

LAO ຫວ້າຫີນ











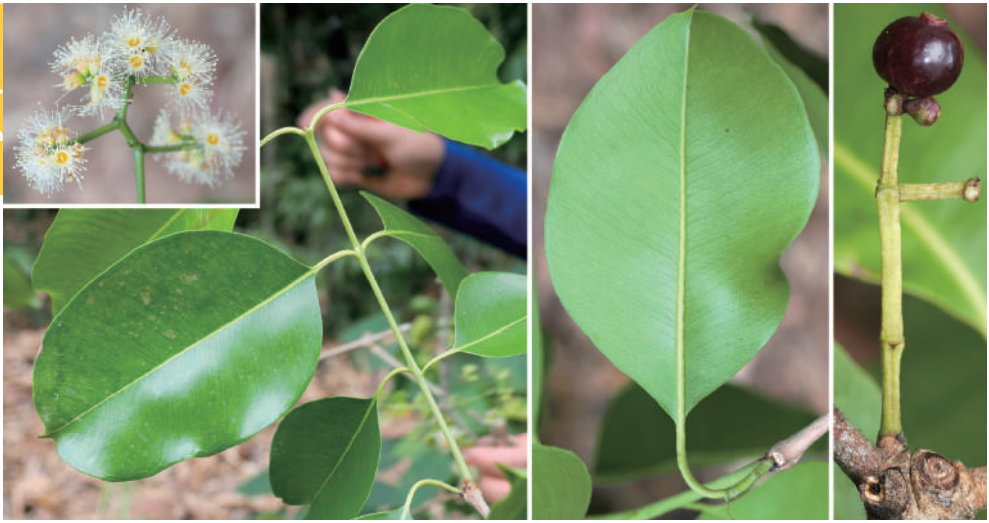
- **Specimen(s):** 147 m (Z1238), 164 m (Z1950), 192 m (Z759), 282 m (L420), 330 m (L948).
- **Notes:** Evergreen trees up to 20 m tall, often found along rivers; twigs terete to 4-angled; leaves lanceolate to elliptic, with 13–26 pairs of secondary veins; inflorescences short, terminal or axillary, bearing white or pink-purple sessile flowers.

Syzygium cumini (L.) Skeels

Myrtaceae

Bull. Bur. Pl. Industr. U.S.D.A. 248: 25 (1912)

LAO จวง, ໝາກຫວ້າ



- **Specimen(s):** 178 m (Z2605), 216 m (Z2244).
- **Notes:** Semi-evergreen trees up to 35 m tall; bark smooth, whitish-gray; leaves ovate to elliptic, with 19–30 pairs of secondary veins; inflorescences paniculate, bearing white to pale yellow sessile flowers; fruits oblong to ovoid.

Syzygium grande (Wight) Walp.

Myrtaceae

Repert. Bot. Syst. 2: 180 (1843)

LAO ຫວ້າໃບນາ



- **Specimen(s):** 460 m (Z2416).
- **Notes:** Evergreen trees up to 20 m tall; twigs slender, brownish-grey, terete; leaf blades elliptic to ovate, intramarginal veins 2; inflorescences paniculate, clustered, bearing white sessile flowers with petaloid inner sepals and elongated styles; fruits elliptic-oblong to globose.

Syzygium khammouanense V.S.Dang, Tagane & Soulad.

Myrtaceae

Kew Bull. 81: 427 (2026)

LAO ຫວ້າຄຳມ່ວນ



- **Specimen(s):** 706 m (Z962).
- **Notes:** Evergreen trees 20 m tall, currently known only from a single individual in semi-evergreen forest in Khounkham Dist.; easily recognized by its strongly 4-angular hypanthium; leaf blades 4.5–7.5 × 1.5–2.5 cm, thickly coriaceous, with 26–30 pairs of secondary veins; flowering in March. The specimen *Z962* was collected near the Khammouane–Bolikhamxai provincial boundary, but actually from Khammouane Prov.

Syzygium oblatum (Roxb.) Wall. ex A.M.Cowan & Cowan

Myrtaceae

Trees N. Bengal: 68 (1929)

LAO ຫວ້າໃບຍາວ



- **Specimen(s):** 174 m (Z1495).
- **Notes:** Evergreen trees up to 20 m tall, with brown flaky bark; leaves elliptic to lanceolate; inflorescences terminal and axillary, corymbose; flowers white to yellowish, with 5 gland-dotted petals and bilocular ovary; fruits globose when immature.

Syzygium thumra (Roxb.) Mason

Myrtaceae

Fl. Burma.: 554 (1851)

LAO ຫວ້າໜວງ



- **Specimen(s):** 147 m (Z1237).
- **Notes:** Trees up to 20 m tall, with whitish grey, smooth to flaky bark; leaves ovate to ovate-lanceolate, black when dry; inflorescences terminal, paniculate, lax; flowers white, sessile, with 4 sepals, 4 gland-dotted petals, and bilocular ovary.

Melastoma calcicola Souvann. & Tagane

Melastomataceae

Eur. J. Taxon. 1034: 3 (2026)

LAO ເອນອ້າຂຸນກອງແລງ



- **Specimen(s):** 194 m (Z1693), 203 m (Z1704).
- **Notes:** Deciduous shrubs, up to 2.5 m tall, grows on an exposed limestone hilltop. This species was described based on our collections from the Phou Hin Poun National Park and so far considered endemic to the area (Souvannakhoummane *et al.* 2026).

Melastoma orientale Guillaumin

Melastomataceae

Bull. Soc. Bot. France 60: 366, 402 (1913)

LAO ເອັນອ້າ



- **Specimen(s):** 169 m (Z2004), 287 m (Z1745).
- **Notes:** Shrubs, 60 cm tall, common at disturbed areas, roadside, dry evergreen forest edge; young stems, petioles, and inflorescences densely covered with reddish-brown hairs; stamens 10, anthers curved.

Melastoma souladethianum Souvann. & Nob.Tanaka

Melastomataceae

Eur. J. Taxon. 1034: 6 (2026)

LAO ເອນອ້າເພັດຊິມພຸ



- **Specimen(s):** 454 m (Z2396), 455 m (Z1213), 455 m (Z1915).
- **Notes:** Deciduous shrubs up to 2.5 m tall, growing in open areas on limestone karst. This species was described based on our collections from Phou Hin Poun National Park, and so far considered endemic to this area (Souvannakhoummane *et al.* 2026).

Memecylon scutellatum (Lour.) Hook. & Arn.

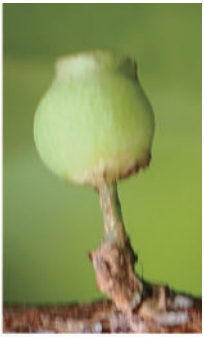
Melastomataceae

Bot. Beechey Voy.: 186 (1833)

LAO ໝ້ອດແຮ້









- **Specimen(s):** 171 m (Z2029), 194 m (Z1731).
- **Notes:** Shrubs, to 6 m tall, found in dry deciduous forest at foot of limestone mountain; leaf blades elliptic to ovate-lanceolate.

Oxyspora curtisii King

Melastomataceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 69: 9 (1900)

LAO ມ້ຽເລ່ຫີນ







- **Specimen(s):** 287 m (Z1752).
- **Notes:** Shrubs, 1 m tall, collected from evergreen forest near streams; inflorescences terminal, paniculate-cymose, many-flowered.

Allospondias lakonensis (Pierre) Stapf

Anacardiaceae

Hooker's Icon. Pl. 27: t. 2667 (1900)

LAO ຕົ້ນສົ້ມຫ້ຳ






- **Specimen(s):** 156 m (Z2582), 209 m (Z2679).
- **Notes:** Deciduous trees, 8–15 m tall, occasional in semi-dry evergreen forest, limestone slopes; branchlets grayish brown, pubescent; leaves imparipinnate, 25–67 cm long, with 11–23 leaflets; leaflets oblong-lanceolate, 6–13 cm long, hairy along veins; inflorescences axillary panicles, white flowers in axillary panicles; petals oblong, glabrous; stamens 5; ovary 4(–5)-locular.

Spondias pinnata (L.f.) Kurz

Anacardiaceae

Prelim. Rep. Forest Pegu, App. A: 44 (1875)

LAO ໝາກກອກ







- **Specimen(s):** 182 m (Z2273), 203 m (Z1702), 385 m (Z2332), 455 m (Z537).
- **Notes:** Deciduous trees, 5–25 m tall, glabrous with smooth grey bark; leaves imparipinnate, with 9–23 leaflets, leaflets oblong to elliptic, glabrous; inflorescences terminal panicles; fruits ellipsoid to ovoid, drupaceous, yellowish to dark green at maturity, edible.

Dimocarpus longan Lour.

Fl. Cochinch.: 233 (1790)

Sapindaceae

LAO ลำไย



- **Specimen(s):** 175 m (Z2113), 180 m (Z2162), 209 m (Z2699).
- **Notes:** Trees up to 30 m tall; bark reddish brown, inner bark pink; leaves 2–4(–6)-jugate; leaflet blades (ovate to) elliptic, 3–4.5 by 1.8–2.0 cm, coriaceous, brownish when dry; inflorescences up to 40 cm long; flowers white to yellow, fragrant, up to 5 mm in diam.; fruits light brown; seeds blackish brown, shiny, up to 1.7 cm in diam.

Lepisanthes rubiginosa (Roxb.) Leenh.

Blumea 17: 82 (1969)

Sapindaceae

LAO ໝາກຫວດ



- **Specimen(s):** 154 m (Z2467), 173 m (Z2209), 192 m (Z760), 453 m (Z2368).
- **Notes:** Shrubs or small trees up to 15 m tall, locally common in the understory of open forests; twigs, leaves, inflorescences, and fruits pubescent with brown hairs; leaves paripinnate, with 5–8 pairs of leaflets; flowers yellowish white, with a sweet fragrance. Leaves and fruits are traditionally used for various ailments, including muscle soreness, fever, and diarrhea (Tarmizi *et al.* 2022).

Mischocarpus pentapetalus (Roxb.) Radlk.

Sapindaceae

Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München 9: 646 (1879)

LAO ເກືອດົງ, ລຳໃຍດົງ, ກຳຊໍ່ຳພຸ



- **Specimen(s):** 174 m (Z1513).
- **Notes:** Trees up to 20 m tall or more, occasional in disturbed vegetation, including secondary evergreen forest and *Hopea* plantations; leaves paripinnate, with 2–6 pairs of leaflets; petioles and petiolules swollen at the base; flowers white to yellow, fragrant; fruits ellipsoid to subglobose, red at maturity, with a stipe, as reflected in the genus name (*mischo-* "stalked" and *carpus* "fruit").

Nephelium hypoleucum Kurz

Sapindaceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 40: 50 (1871)

LAO ໄມ້ໝາກແງວ



- **Specimen(s):** 174 m (Z1501), 405 m (Z1064).
- **Notes:** Trees up to 25 m tall, occasional in evergreen and semi-evergreen forests, sometimes on limestone karst; leaves paripinnate, with 2–4 pairs of leaflets; petioles swollen at the base; fruits red at maturity, with ellipsoid, warty lobes; seeds ellipsoid, completely covered by a sarcotesta. This species belongs to the same genus as rambutan (*N. lappaceum*), and the sarcotesta can also be eaten fresh.

Pometia pinnata J.R.Forst. & G.Forst.

Sapindaceae

Char. Gen. Pl., ed. 2.: 110 (1776)

LAO ໄມ້ແດງນ້ຳ, ແດງພອງ, ກວາງແດງ



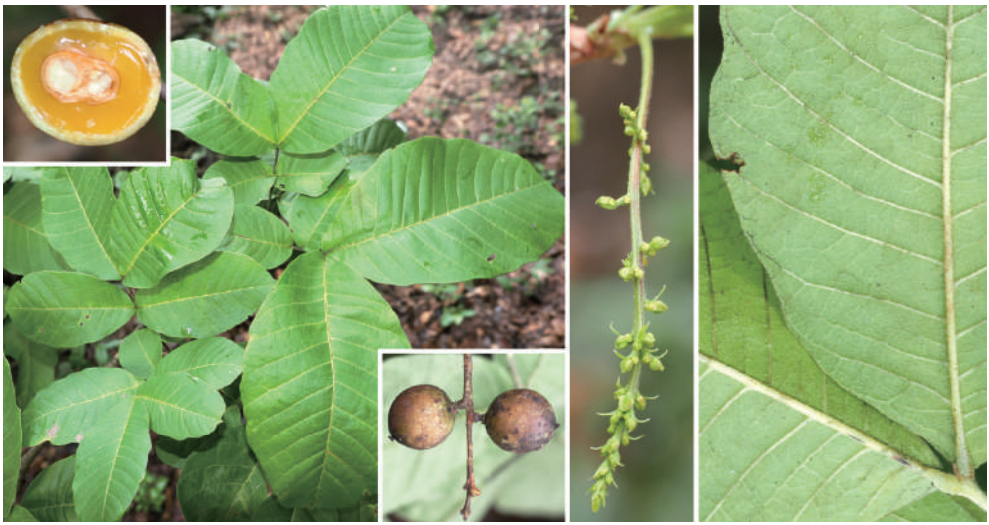
- **Specimen(s):** 405 m (Z1043).
- **Notes:** Large trees up to 40 m tall or more, common in primary and secondary evergreen forests, often at forest edges and along streams; plant parts with brown indumentum throughout; leaves paripinnate, with 4–10 or more pairs of leaflets; leaflets almost sessile, the basal pair small; blades ovate to obovate, with dentate margins. The flower photos are from Nam Kading (specimen: *Souladeth et al. Z1408*).

Schleichera oleosa (Lour.) Oken

Sapindaceae

Allg. Naturgesch. 3(2): 1341 (1841)

LAO ໝາກຄໍ້ສີ້ມ



- **Specimen(s):** 160 m (Z2314), 175 m (Z2609).
- **Notes:** Trees up to 40 m tall, occasional in and along the edges of disturbed semi-evergreen and dry deciduous forests, sometimes along roadsides; leaves paripinnate, with 2–4 pairs of leaflets; leaflets almost sessile; fruits dry berries, yellow to brown, 1-locular; seeds completely covered by an arillode. The seeds are used as a source of macassar oil, formerly used as a hair conditioner.

Xerospermum noronhianum (Blume) Blume

Sapindaceae

Rumphia 3: 100 (1847 publ. 1849)

LAO ຄໍແລນເຂົ້າ





- **Specimen(s):** 147 m (Z1240), 396 m (Z2394), 405 m (Z1002).
- **Notes:** Trees up to 25 m tall or more, occasional in and along the edges of evergreen and mixed evergreen forests, sometimes on limestone hills or along streams; leaves paripinnate, with 2–3 pairs of leaflets; leaflet blades elliptic to ovate, chartaceous to coriaceous, with entire margins; flowers white to yellow, fragrant; fruits ovoid, red to dark brown at maturity; seeds with a yellow, edible sarcotesta.

Clausena excavata Burm.f.

Rutaceae

Fl. Indica: 87 (1768)

LAO ຫາວໝອນ



- **Specimen(s):** 156 m (Z2479), 175 m (Z2001), 180 m (Z2132), 405 m (Z1051).
- **Notes:** Shrubs up to 3 m tall, common in evergreen, semi-evergreen, and dry deciduous forests, often in disturbed or secondary vegetation; leaves imparipinnate, with more than 10 pairs of leaflets, leaflet blades ovate, oblong, or rhomboid, asymmetric, pubescent on both surfaces or only along the veins. This species is widely distributed in tropical and subtropical Asia, and highly variable in leaf shape and indumentum.

Glycosmis sp. 1

Rutaceae

sp. nov., ined.

LAO ສົ້ມຊຶ່ມ, ເຂັຍຕາຍ



- **Specimen(s):** 405 m (Z1011), 453 m (Z2363).
- **Notes:** Shrubs up to 1.5 m tall, locally common in the understory of evergreen forests on limestone; young twigs strongly angular, flattened, and glabrous; leaves simple, usually distichous, sometimes subopposite near the shoot apex; blades ovate, elliptic, or oblong, glabrous throughout; anthers pubescent with long brown hairs; ovaries 5-locular. Flowering and fruiting specimens were collected in November.

Glycosmis sp. 2

Rutaceae

sp. nov., ined.

LAO ໝ່ຽມນ້ອຍ



- **Specimen(s):** 405 m (Z1095), 464 m (Z2346).
- **Notes:** Shrubs up to 3 m tall, occasional in and along the edges of evergreen forests on limestone; young twigs pubescent with ferruginous hairs, becoming glabrescent with age; leaves pinnately compound, with 4–7 leaflets, glabrous throughout; inflorescences axillary, paniculate, 4–10 cm long, with over 10 flowers; ovaries and young fruits densely covered with ferruginous hairs.

Harrisonia perforata (Blanco) Merr.

Rutaceae

Philipp. J. Sci., C 7: 236 (1912)

LAO ກົນຫາ



- **Specimen(s):** 150 m (Z2584).
- **Notes:** Shrubs or scandent shrubs up to 3 m tall, common at forest edges and in open forests; stems and twigs usually armed with thorns; leaves imparipinnate, with 2–4 pairs of leaflets and a winged rachis. his species was traditionally placed in Simaroubaceae because of the lack of multicellular oil glands, but now placed in Rutaceae based on molecular evidence (e.g. Chase *et al.* 1999).

Melicope glomerata (Craib) T.G.Hartley

Rutaceae

Allertonia 8: 263 (2001)

LAO ໝາກມ່ວງນ້ອຍ, ມ່ວງລີສີ



- **Specimen(s):** 183 m (Z1823).
- **Notes:** Shrubs up to 2 m tall, locally common in thickets at forest edges or along roadsides; leaves usually unifoliolate, often trifoliolate in juvenile plants; leaflet blades elliptic to obovate, chartaceous, pubescent at least abaxially on the midvein and lateral veins; inflorescences axillary, cymose, with 2–8 flowers; flowers with four stamens; follicles obovoid, glabrous.

Micromelum minutum (G.Forst.) Wight & Arn.

Rutaceae

Prodr. Fl. Ind. Orient. 1: 468 (1834)

LAO ສະມັດ



- **Specimen(s):** 180 m (Z1972), 180 m (Z2148).
- **Notes:** Trees or shrubs up to 20 m tall, abundant in disturbed areas, including secondary forests and thickets along forest edges. Widely distributed from tropical and subtropical Asia to the western Pacific and Australia. Leaves, bark, and roots are traditionally used in ethnomedicine for various ailments, including fever, inflammation, infections, and digestive disorders (Rollando *et al.* 2025).

Paramignya scandens (Griff.) Craib

Rutaceae

Fl. Siam. 1: 235 (1926)

LAO ໜາມເດື່ອໄກ



- **Specimen(s):** 173 m (Z2185), 209 m (Z2695).
- **Notes:** Scandent shrubs, scattered in semi-evergreen forest; twigs pubescent, armed with small, backward-curved thorns 5–7 mm long; leaves distichous; blades elliptic or oblong, subcoriaceous, entire, glabrescent adaxially, pubescent abaxially, and with abundant pellucid dots; inflorescences axillary, with one to a few flowers; flowers with a short, glabrous gynophore and globose, hairy ovaries.

Brucea javanica (L.) Merr.

Simaroubaceae

J. Arnold Arbor. 9: 3 (1928)

LAO ເໜັຍຟານ



- **Specimen(s):** 156 m (Z2580), 185 m (Z2593), 198 m (Z2744), 259 m (Z1597).
- **Notes:** Shrubs or small trees up to 10 m tall, common in and along the edges of mixed evergreen and semi-evergreen forests, usually in disturbed vegetation, including thickets along roadsides, agricultural fields, and streams, also on limestone karst; leaflet blades always bluntly serrate or crenate; inflorescences unbranched, raceme-like thyrses; sepals not persistent on fruits.

Picrasma javanica Blume

Simaroubaceae

Bijdr. Fl. Ned. Ind.: 248 (1825)

LAO ໃບງ໊ວ



- **Specimen(s):** 206 m (Z1377), 330 m (L941), 405 m (Z1054).
- **Notes:** Trees up to 20 m tall, common in and along the edges of evergreen and semi-evergreen forests, often along roadsides and streams; leaves imparipinnate, with 2–4 pairs of leaflets; inflorescences axillary, compound-cymose; sepals persistent on fruits. All parts are very bitter and are used ethnomedicinally for various ailments, including fever, abscesses, and malaria (Xu *et al.* 2021).

Aglaia simplicifolia (Bedd.) Harms

Meliaceae

H.G.A.Engler & K.A.E.Prantl, Nat. Pflanzenfam. 3(4): 300 (1896)

LAO ກະດຸກລິ່ງ



- **Specimen(s):** 173 m (Z2541).
- **Notes:** Shrubs or small trees up to 5 m tall, occasional in disturbed semi-evergreen forest mixed with bamboo and in dry evergreen forest on limestone; young twigs, petioles, inflorescences, and fruits densely covered with stellate hairs. Unlike most other members of the genus, this species is easily distinguished by its simple leaves.

Aglaia wallichii Hiern

Meliaceae

J.D.Hooker, Fl. Brit. India 1: 555 (1875)

LAO ອີດຸກ



- **Specimen(s):** 180 m (Z2147), 405 m (Z1049).
- **Notes:** Trees up to 10 m tall, occasional in evergreen and semi-evergreen forests on limestone karst; young parts densely covered with scale-like stellate hairs; leaves imparipinnate, with 3–7 leaflets, usually with a distinct acumen at the apex. Formerly included in *E. elaeagnoidea*, but plants in mainland Asia and western Malesia are now classified as *E. wallichii* based on molecular evidence (Joyce *et al.* 2023).

Aphanamixis polystachya (Wall.) R.Parker

Meliaceae

Indian Forester 57: 486 (1931)

LAO ตาปู



- **Specimen(s):** 173 m (Z2187), 177 m (Z2228), 179 m (Z1534).
- **Notes:** Trees up to 20 m tall, common in evergreen and semi-evergreen forests; inflorescences often supra-axillary; male flowers in panicles, and female or bisexual flowers in racemes; fruits loculicidal capsules with (2–)3 valves; seeds covered with a red to orange oily aril. Seeds, fruits, leaves, and bark are traditionally used medicinally for various ailments, including skin, liver, and blood disorders (Hossain *et al.* 2023).

Reinwardtiodendron humile (Hassk.) Mabb.

Meliaceae

Malaysian Forester 45: 452 (1982)

LAO ໝາກຕ້ອງປ່າ



- **Specimen(s):** 282 m (L418).
- **Notes:** Trees up to 20 m tall, occasional in evergreen forests on limestone; leaves imparipinnate, with 3–7 coriaceous leaflets; male flowers borne in panicles, female flowers in racemes or spikes. The genus closely resembles *Aglaia* in overall morphology, but is distinguished by its simple indumentum and 10 stamens in two whorls (vs. stellate indumentum and usually 5 or 6 stamens in one whorl in *Aglaia*).

Sandoricum koetjape (Burm.f.) Merr.

Meliaceae

Philipp. J. Sci., C 7: 237 (1912)

LAO ກ້ຽຕ້ອງ



- **Specimen(s):** 190 m (Z2657).
- **Notes:** Trees up to 20 m tall, common in evergreen and semi-evergreen forests; leaves trifoliolate, leaflet blades ovate, entire, pubescent especially on abaxial surface; drupes globose to compressed-globose, with soft, edible mesocarp. This species is native to Malesia, but commonly cultivated in mainland Asia for its edible fruits and timber, and is sometimes naturalized.

Toona ciliata M.Roem.

Meliaceae

Fam. Nat. Syn. Monogr. 1: 139 (1846)

LAO ຍົມຕຸ



- **Specimen(s):** 282 m (L423).
- **Notes:** Trees up to 25 m tall or more, occasional in evergreen and semi-evergreen forests; leaves usually paripinnate, with 6–15 pairs of glabrous leaflets with entire margins. Unlike most other genera of Meliaceae, the stamens do not form a staminal tube, while the androgynophore is prominent. It is one of the species known as "red cedar", and was an important cabinet timber in Australia.

Walsura pinnata Hassk.

Meliaceae

Retzia 1: 147 (1855)

LAO ກັດລິ້ນ, ໝາກນ້ຳຝົນ



- **Specimen(s):** 154 m (Z2472).
- **Notes:** Trees up to 25 m tall, occasional in evergreen, semi-evergreen, and secondary dry deciduous forests; leaves imparipinnate with 3–5 leaflets, sometimes reduced to unifoliolate; leaflets with petiolules swollen at both ends; blades green and lustrous adaxially, greenish white abaxially; berries subglobose, densely pubescent, ripening brownish orange to yellow.

Walsura robusta Roxb.

Meliaceae

Fl. Ind., ed. 1832. 2: 386 (1832)

LAO ແສງໝາກດາບ



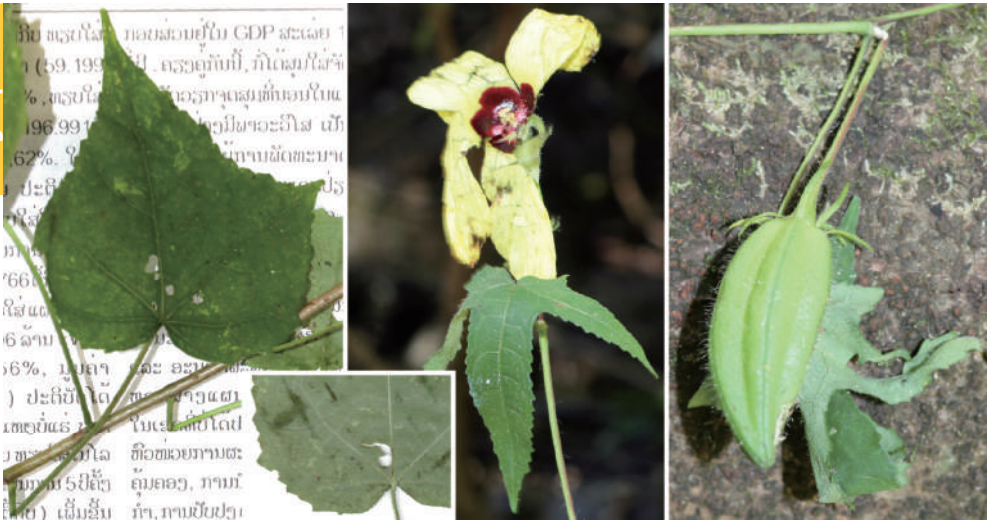
- **Specimen(s):** 171 m (Z2015), 180 m (Z2178), 259 m (Z1660).
- **Notes:** Trees up to 25 m tall, scattered in dry evergreen and semi-evergreen forests; leaves usually imparipinnate with 3–5 leaflets, with petiolules swollen at both ends. This species is easily distinguished from *W. pinnata* by the abaxial surface of the leaflet blades, where conspicuous fine tertiary veins contrast with the surrounding tissue, giving a white-dotted appearance.

Abelmoschus moschatus Medik.

Malvaceae

Malvenfam.: 46 (1787)

LAO ສົ້ມຈີ່ງ, ຍ້ຶ່ງກະເລນ



- **Specimen(s):** 151 m (Z1930).
- **Notes:** Annual herbs, found in open grassland; leaves palmately 3–5-lobed or angular, hastate or sagittate; flowers axillary, solitary, hairy.

Ayenia andamensis (Kurz) Christenh. & Byng

Malvaceae

Global Fl. 4: 134 (2018)

LAO ເຄືອສາມຫາງ



- **Specimen(s):** 183 m (Z1825), 197 m (Z2632), 242 m (L450).
- **Notes:** Climbers, found at edge of evergreen broad-leaved forests; leaves cordate, tri-lobed; flowers pale to reddish; fruits globose, glabrous, spiny tubercles pointed or hooked at apex.

Ayenia grandifolia (DC.) Christenh. & Byng

Global Fl. 4: 136 (2018)

Malvaceae

LAO ບໍ່ເຄືອ





- **Specimen(s):** 201 m (Z1592).
- **Notes:** Lianas, found at edge of disturbed semi-evergreen forest; leaves alternate, blades broadly ovate or cordate; capsules globose or ovoid-globose, spiny, spines short and robust.

Bombax anceps Pierre

Fl. Forest. Cochinch.: t. 175 (1888)

Malvaceae

LAO ງົ້ວໜາມ, ງົ້ວດອກຂາວ





- **Specimen(s):** 179 m (Z2231).
- **Notes:** Trees, 19 m tall, found in semi-evergreen forest, vicinity of crop fields; leaves crowned at the end of twigs, with 5–7 unequal leaflets; capsule oblong.

Bombax insigne Wall.

Malvaceae

Pl. Asiat. Rar. 1: 74 (1830)

LAO ງ້ວປ່າ






- **Specimen(s):** 455 m (Z1905), 460 m (Z2408).
- **Notes:** Trees, 25 m tall, found on limestone karst in Phou Pha Marn Rock Viewpoint; bark covered with stout, hard, conical prickles; leaves crowded at the end of twigs; flowers red or dark orange, solitary, at the upper leaf-scars.

Colona rivularis Suddee, Poopath & Rueangr.

Malvaceae

Thai Forest Bull., Bot. 48: 77 (2020)

LAO ປ໋ຫາມ








- **Specimen(s):** 151 m (Z1926), 173 m (Z2492).
- **Notes:** Scandent shrubs, 2–5 m tall, occasionally found in secondary dry deciduous forest, riverside, at foot of limestone mountains; fruits ovoid to subglobose, stellate hairy, slightly 5-winged.

Firmiana laotica Sengthong, Soulad. & Tagane

Malvaceae

Acta Phytotax. Geobot. 77: 28 (2026)

LAO ປ໋ຜາລາວ



- **Specimen(s):** 385 m (Z2335), 435 m (Z1198), 455 m (Z1216), 455 m (Z1913).
- **Notes:** Deciduous trees up to 8 m tall; so far known only from the open limestone karst in Phou Hin Poun National Park and considered endemic to this area; described based on our collections (Sengthong *et al.* 2026).

Grewia eriocarpa Juss.

Malvaceae

Ann. Mus. Natl. Hist. Nat. 4: 93 (1804)

LAO ປ໋ແກ່ນເທົ້າ, ປ໋ມົ້ນ, ຕອງເທົ້າ



- **Specimen(s):** 159 m (Z2571).
- **Notes:** Deciduous trees, 4–8 m tall, found in secondary semi-evergreen forest, at foot of limestone mountain; infructescences axillary, erect.

Grewia souladethiana Phengmala & Tagane

Malvaceae

Phytotaxa 728: 63 (2025)

LAO ບໍ່ເຫຼືອງສຸລະເດດ



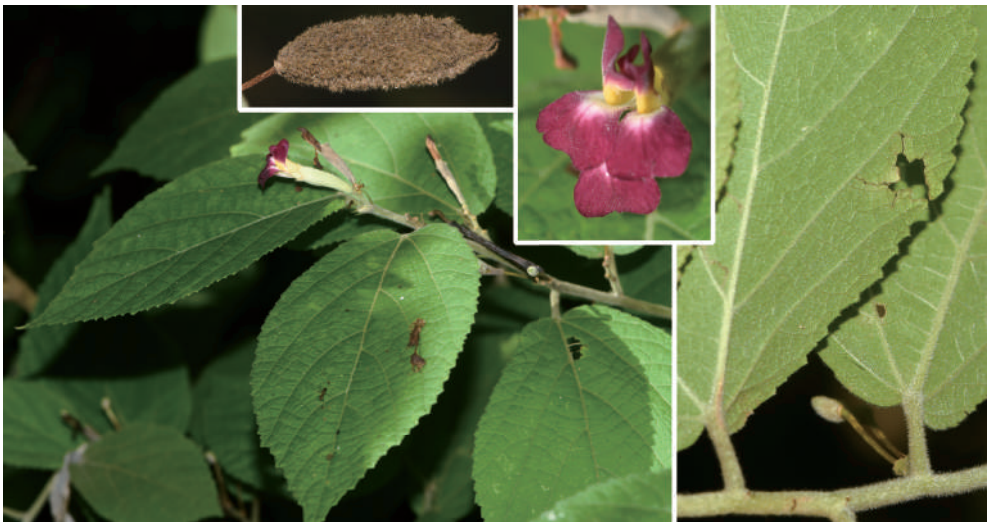
- **Specimen(s):** 170 m (Z2035), 190 m (Z1959), 190 m (Z2740), 206 m (Z1545), 287 m (Z1741).
- **Notes:** Trees 3–4 m tall, found at the edges of evergreen broad-leaved forests and in open grasslands on limestone hills; described based on our collections from Phou Hin Poun (Phengmala *et al.* 2025); so far considered endemic to the area.

Helicteres hirsuta Lour.

Malvaceae

Fl. Cochinch.: 530 (1790)

LAO ບໍ່ດ່ອນ, ບໍ່ເຕົ່າໄຫ້, ຂີ້ອຶ້ນບໍ



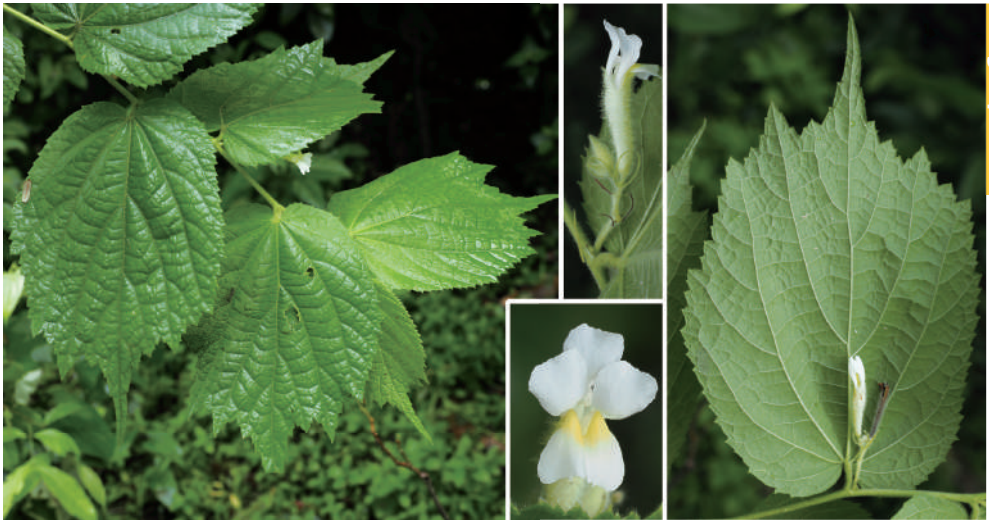
- **Specimen(s):** 206 m (Z1370).
- **Notes:** Shrubs, to 2 m tall, common in disturbed areas, forest edges; inflorescences axillary, erect; calyx tubular, curved, with 5 unequal lobes, hairy; capsules oblong, covered with shaggy hairs, dehiscent.

Helicteres viscida Blume

Bijdr. Fl. Ned. Ind.: 79 (1825)

Malvaceae

LAO ປ໋ຍ໋ອ໋ນ



- **Specimen(s):** 175 m (Z2000), 185 m (Z2589), 287 m (Z1742).
- **Notes:** Shrubs, 1–3 m tall, found at edge of evergreen broad-leaved forest, at roadside; calyx long funnel-shaped with 5 unequal lobes, velvety externally.

Heritiera angustata Pierre

Fl. Forest. Cochinch.: t. 204 (1889)

Malvaceae

LAO ປ໋ຫ໋ຽ໋ງໃບເຫ໋ົາ



- **Specimen(s):** 147 m (Z1239), 181 m (Z2216).
- **Notes:** Trees, 10 m tall, scattered in semi-evergreen forest in limestone valley; leaves oblong-lanceolate, lower surface with silvery white or slightly golden scales, upper surface glabrous; fruits drupelike, brown, hard, ellipsoid, with ca. 1 cm wing.

Heritiera parvifolia Merr.

Malvaceae

J. Arnold Arbor. 6: 137 (1925)

LAO ປໍຂີ້ອົ້ນຫຼັງໃບເທົ່າ



- **Specimen(s):** 349 m (Z794).
- **Notes:** Trees, 17 m tall, found in semi-evergreen forest on slope of limestone mountain; fruits 3.5–6 cm long, apical wing fishtail-shaped, ca. 2 cm long, apex obtuse, densely scurfy scaly; endocarp leathery.

Microcos tomentosa Sm.

Malvaceae

A.Rees, Cycl. 23: n.° 2 (1813)

LAO ຄອມກ້ຽງ



- **Specimen(s):** 164 m (Z2520), 259 m (Z1616).
- **Notes:** Trees, to 15 m tall, common in secondary dry deciduous forest, at foot of limestone mountain; fruits globose to ellipsoid, pericarp leathery, hairy.

Pterospermum cinnamomeum Kurz

Malvaceae

Forest Fl. Burma 1: 147 (1874)

LAO ໝາກຫ້າງວ່ອ, ໜັ້ງງ້ວດົ່ງ



- **Specimen(s):** 159 m (Z2561).
- **Notes:** Trees, 11 m tall, occasional in secondary semi-evergreen forest, at foot of limestone mountains; young branchlets, petioles, and inflorescences densely covered with stellate hairs.

Pterospermum semisagittatum Buch.-Ham. ex Roxb.

Malvaceae

Mém. Mus. Hist. Nat. 10: 113 (1823)

LAO ຫ້າມ້າ



- **Specimen(s):** 164 m (Z2521), 259 m (Z1656).
- **Notes:** Trees, 12 m tall, found in secondary dry deciduous forest, at foot of limestone mountain; flower buds densely rusty-hairy, subtended by three conspicuous laciniate bracts.

Sterculia lanceolata Cav.

Malvaceae

Diss. 5: 287 (1788)

LAO ອີງ້ວງ, ດອກກາງ, ລິ້ນງວດ, ບໍ່ແດງພານ, ບໍ່ເໝືອກ



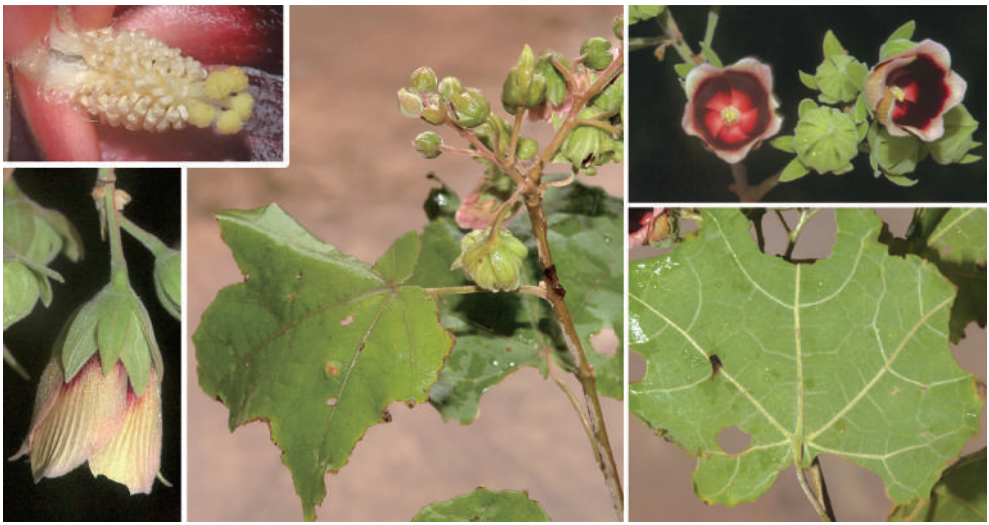
- **Specimen(s):** 177 m (Z2103), 242 m (L449), 405 m (Z1076), 423 m (Z992), 464 m (Z2343).
- **Notes:** Shrubs to trees to 15 m tall, occasional in semi-evergreen forests; leaves crowded near the shoot apex; petiole swollen at both ends; inflorescences less than 10 cm long.

Thepparatia scandens (Roxb. ex G.Don) Phuph.

Malvaceae

Fl. Thailand 14(2): 329 (2019)

LAO ບໍ່ເຄືອເທບ



- **Specimen(s):** 146 m (L433), 147 m (Z1242).
- **Notes:** Woody climbers, to 20 m long, found at semi-evergreen forest edges in limestone valley; inflorescences terminal, drooping, racemose, stellate tomentose.

Anisoptera costata Korth.

Dipterocarpaceae

Verh. Nat. Gesch. Ned. Bezitt., Bot.: t. 6 (1840)

LAO ยาท



- **Specimen(s):** 171 m (Z2027), 174 m (Z1496).
- **Notes:** Trees, to 40 m tall; indumentum brownish-green to yellowish; leaves elliptic to oblong, leathery, with prominent looped veins; inflorescences branched; flowers small, white to yellow; stamens numerous; fruits pubescent, with enlarged calyx lobes (2 longer and 3 shorter).

Anthoshorea roxburghii (G.Don) P.S.Ashton & J.Heck.

Dipterocarpaceae

Kew Bull. 77: 891 (2022)

LAO ແถນຄະຍອມ



- **Specimen(s):** 151 m (Z1928), 179 m (Z2232).
- **Notes:** Deciduous trees, 10–30 m tall, with fissured bark; leaves elliptic to oblong, thinly leathery, with prominent arched veins; inflorescences branched, with fragrant cream-white flowers; nuts mostly enclosed by enlarged wing-like calyx lobes (3 longer and 2 shorter).

Dipterocarpus alatus Roxb. ex G.Don

Dipterocarpaceae

Gen. Hist. 1: 813 (1831)

LAO ยางนา





- **Specimen(s):** 177 m (Z2104).
- **Notes:** Trees, up to 40 m tall, densely pubescent on young twigs, buds, leaves, inflorescences, and calyx; leaves large, elliptic to ovate, leathery, with prominent veins; inflorescences short; flower buds ovoid; stamens numerous; nuts ovoid, enclosed by 5-winged calyx.

Dipterocarpus grandiflorus (Blanco) Blanco

Dipterocarpaceae

Fl. Filip., ed. 2.: 314 (1845)

LAO ยางยูง





- **Specimen(s):** 209 m (Z2663).
- **Notes:** Large trees up to 40 m tall, locally common in lowland evergreen forest; young branchlets often tomentose with brown to gray hairs; leaf blades ovate-elliptic, slightly crenulate along margins, glabrous on both surfaces, with 15–17 pairs of secondary veins; calyx tube ca. 20 mm long, with five slightly undulate longitudinal wings.

Hopea ferrea Pierre

Dipterocarpaceae

Fl. Forest. Cochinch.: t. 249 (1891)

LAO ແຄນຫີນ



- **Specimen(s):** 434 m (Z1110), 435 m (Z1224), 435 m (Z548).
- **Notes:** Trees, 10–30 m tall, with smooth to scaly bark, mostly glabrous; leaves thinly leathery, ovate to ovate-oblong, venation scalariform; inflorescences densely pubescent; flowers pale yellow to white; fruits with wing-like calyx lobes and slender fusiform nuts, often resinous.

Hopea helferi (Dyer) Brandis

Dipterocarpaceae

J. Linn. Soc., Bot. 31: 62 (1895)

LAO ແຄນເຮືອນ້ອຍ



- **Specimen(s):** 174 m (Z1500), 405 m (Z1038).
- **Notes:** Medium to large evergreen trees, occasional in evergreen forests, especially on well-drained slopes; easily recognized by its silvery lower leaf surface; fruits with 3 longer and 2 shorter calyx.

Hopea odorata Roxb.

Dipterocarpaceae

Pl. Coromandel 3: 7 (1811)

LAO ແຄນເຮືອ



- **Specimen(s):** 171 m (Z2018), 174 m (Z1459), 191 m (Z2091).
- **Notes:** Trees, 20–40 m tall, with twisted stems and fissured scaly bark; leaves ovate to ovate-lanceolate, falcate, venation scalariform, frequently with domatia; inflorescences densely white-pubescent, bearing small cream to pale yellow flowers; fruits with globose to ovoid nuts and wing-like calyx lobes.

Shorea guiso (Blanco) Blume

Dipterocarpaceae

Mus. Bot. 2: 34 (1856)

LAO ຊີຮາວ



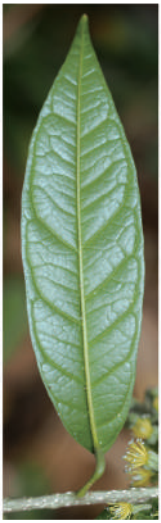
- **Specimen(s):** 181 m (Z2219).
- **Notes:** Trees, 20–40 m tall; leaves ovate to oblong, tertiary veins scalariform; inflorescences densely pubescent; fruits with wing-like calyx lobes enclosing small nuts.

Stixis scandens Lour.

Resedaceae

Fl. Cochinch.: 295 (1790)

LAO ໜາວເດືອນຫ້າ


- **Specimen(s):** 396 m (Z2390).
- **Notes:** Lianas, found in evergreen broad-leaved forest on limestone hills; inflorescences axillary, racemose, 5–8 cm long, erect; stamens 16–24.

Stixis suaveolens (Roxb.) Baill.

Resedaceae

Bull. Mens. Soc. Linn. Paris 1: 654 (1887)

LAO ນົມສາວ



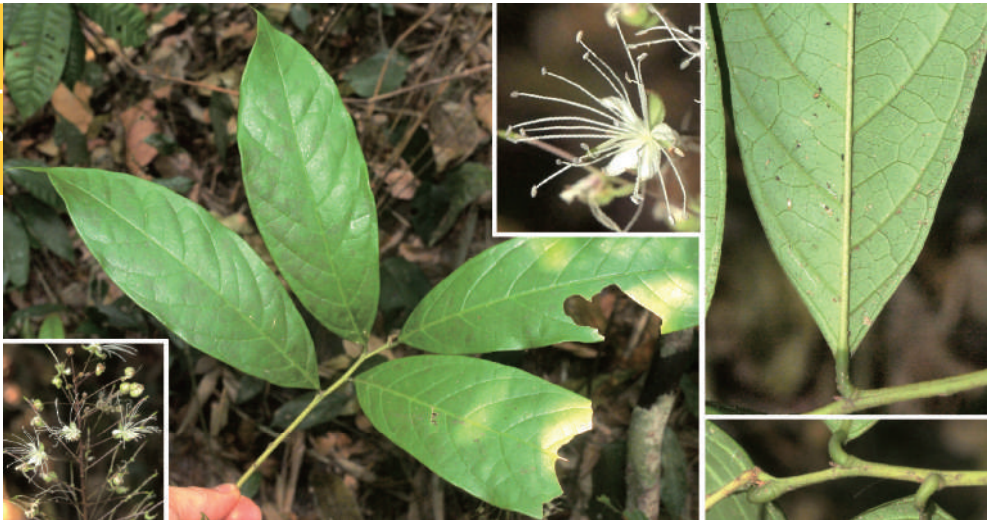

- **Specimen(s):** 175 m (Z2614).
- **Notes:** Lianas, scattered at edge of disturbed semi-evergreen forest; leaves elliptic or oblong, ca. 15 × 7 cm, petioles apically with slightly inflated pulvini, apex acuminate; fruits woody.

Capparis hinnamnoensis Souvann. & Fici

Capparaceae

Webbia 73: 175 (2018)

LAO ສາຍຊູ້ຫີນໜາມໜໍ່



- **Specimen(s):** 458 m (Z821).
- **Notes:** Scandent shrubs; twigs sparsely puberulous or glabrous; stipules straight, hairy; racemes terminal with trifid bracts and medium flowers on long pedicels.

Capparis micracantha DC.

Capparaceae

Prodr. 1: 247 (1824)

LAO ສາຍຊູ້ຕົ້ນ



- **Specimen(s):** 159 m (Z2568).
- **Notes:** Shrubs or small trees, sometimes scandent, up to 2 m tall; branches glabrous, zigzag, with thorns opposite to leaves; blades oblong-elliptic to ovate-lanceolate, glabrous, shining; fruits ellipsoid to globose.

Crateva magna (Lour.) DC.

Capparaceae

Prodr. 1: 243 (1824)

LAO ผักกุ่มน้ำ





- **Specimen(s):** 177 m (Z2227).
- **Notes:** Trees, to 6 m tall, scattered in semi-evergreen forest along rivers and streams; twigs gray-brown, lenticellate; fruits ellipsoid; young leaves and flowers eaten as vegetables.

Cleome viscosa L.

Cleomaceae

Sp. Pl.: 672 (1753)

LAO ສ້ຽນຜີ





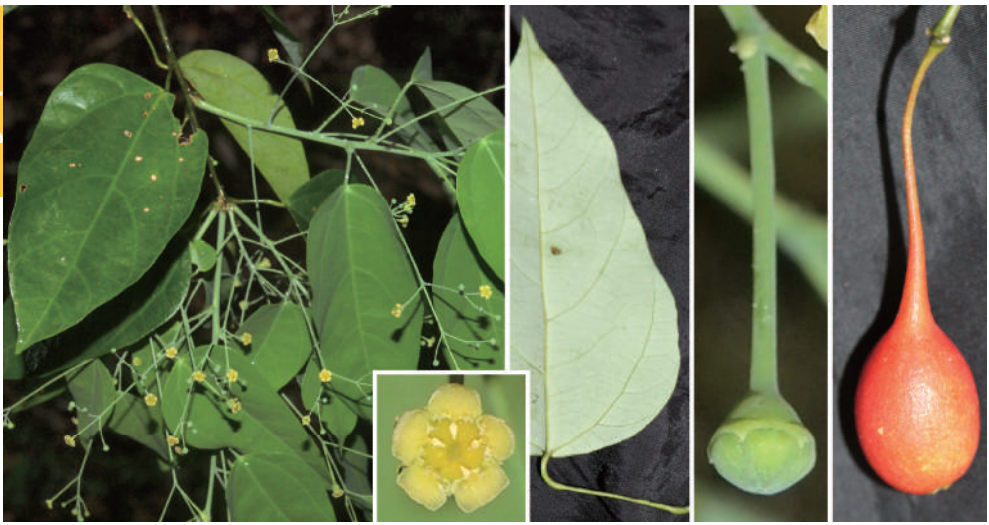
- **Specimen(s):** 147 m (Z1230).
- **Notes:** Annual herbs; all parts densely brownish glandular-pubescent, viscid; leaflets 3, obovate to ovate; flowers yellow; pedicels 1 cm long; sepals lanceolate to oblong; petals spathulate to oblong.

Erythropalum scandens Blume

Olacaceae

Bijdr. Fl. Ned. Ind.: 922 (1826)

LAO ผักธาม



- **Specimen(s):** 206 m (Z1375), 435 m (Z971).
- **Notes:** Woody climbers, glabrous; branchlets with axillary tendrils; petioles 2.5–10 cm long; leaf blades ovate, oblong-ovate, or triangular-ovate, base obtuse, apex acuminate, basal veins 3, secondary veins 5–6 pairs; drupes ellipsoid to obovoid, bright red surface.

Olax scandens Roxb.

Olacaceae

Pl. Coromandel 2: 2 (1800)

LAO ตาถอาย



- **Specimen(s):** 154 m (Z2453).
- **Notes:** Scandent shrubs; branches pubescent, with curved thorns on old branches; petioles 0.4–1 cm long, pubescent; fruits orange, ovoid to subglobose, 0.5–1 cm in diam.; calyx accrescent, enclosing half to nearly entire drupes.

Lepionurus sylvestris Blume

Bijdr. Fl. Ned. Ind.: 1148 (1827)

Opiliaceae

LAO ໝາກໝົ້ກ



- **Specimen(s):** 209 m (Z2704).
- **Notes:** Shrubs up to 1.5 m tall, scattered in semi-evergreen forest. The genus *Lepionurus* is monotypic, and *L. sylvestris* is widely distributed in Southeast Asia, with considerable variation in leaf shape, number of inflorescences per axil, and flower size (Hiepko, 1984).

Urobotrya siamensis Hiepko

Willdenowia 6: 471 (1972)

Opiliaceae

LAO ຊ່າຜ້ົ້ມາຫວາມດ໋ງ



- **Specimen(s):** 175 m (Z2120), 191 m (Z2278), 349 m (Z793), 435 m (Z976).
- **Notes:** Shrubs 1–2 m tall, common in evergreen and semi-evergreen forest; distinguished by green, slightly zigzag twigs, narrowly ovate to elliptic leaves ca. 10 cm long, and axillary or twig-borne inflorescences.

Balanophora fungosa J.R.Forst. & G.Forst.

Balanophoraceae

Char. Gen. Pl., ed. 2.: 100 (1776)

LAO ເຫັດດິນ



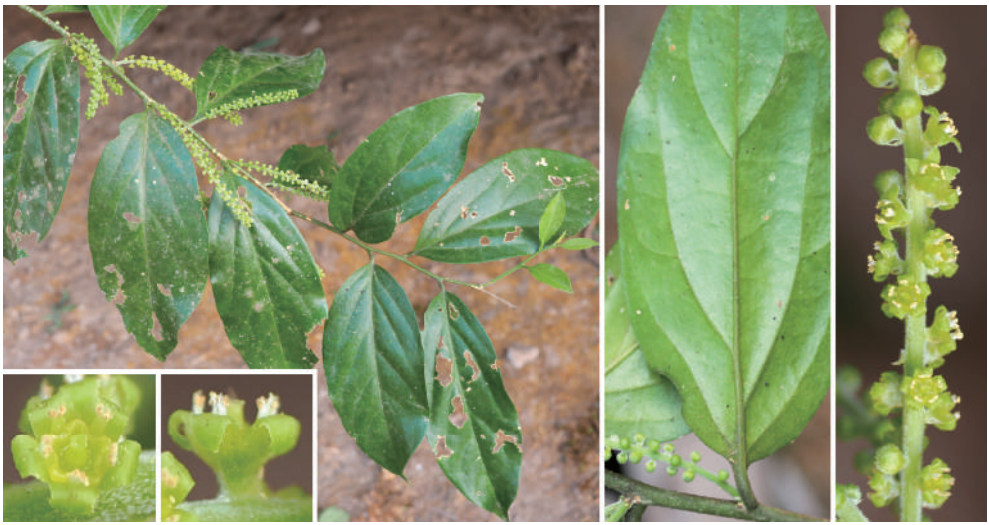
- **Specimen(s):** 171 m (Z2017).
- **Notes:** Parasitic; dioecious, rarely monoecious; scapes pink, reddish-orange, or occasionally yellowish; inflorescences ellipsoid, ovoid, or conical-ovoid; flowering specimen collected in November.

Scleropyrum pentandrum (Dennst.) Mabb.

Santalaceae

Taxon 26: 533 (1977)

LAO ຕົ້ນນົມສາວໜາມ, ນົມງົວ



- **Specimen(s):** 191 m (Z2093).
- **Notes:** Shrubs, 6 m tall, occasional in dry evergreen forest; stems armed with spines; leaves elliptic, 1–15 cm long; male inflorescences born on stems and old branches.

Helixanthera cylindrica (Jack) Danser

Loranthaceae

Bull. Jard. Bot. Buitenzorg, sér. 3, 11: 377 (1931)

LAO ภาฝาสะเมัด



- **Specimen(s):** 179 m (Z2596), 330 m (L952).
- **Notes:** Parasitic shrubs, found along the edges of disturbed semi-evergreen forests; leaves simple, blades elliptic to ovate; inflorescences racemose, with a few to 25 flowers, axis 5–25 cm long; pedicels 4–15 mm long, equal to or longer than the ovary; corolla 5-merous in mature buds; fruits ovoid or ellipsoid, exocarp leathery, smooth or pubescent.

Helixanthera ligustrina (Wall.) Danser

Loranthaceae

Bull. Jard. Bot. Buitenzorg, sér. 3, 10: 317 (1929)

LAO ภาฝาภแดๆ



- **Specimen(s):** 161 m (Z2431).
- **Notes:** Shrubs parasitic; leaves simple, elliptic to ovate; flowers bisexual, 4–6-merous, corolla red, pink, orange, or yellowish, petals free, straight, spreading.

Macrosolen cochinchinensis (Lour.) Tiegh.

Loranthaceae

Bull. Soc. Bot. France 41: 122 (1894)

LAO ฝอยทอง





- **Specimen(s):** 455 m (Z1205).
- **Notes:** Shrubs parasitic, 0.5–1.3 m tall; leaf blades leathery elliptic to lanceolate; inflorescences axillary, racemose, 2–8-flowered; corolla orange to greenish-yellow, lobes 6-angled and reflexed; fruits orange, subglobose.

Cyathula prostrata (L.) Blume

Amaranthaceae

Bijdr. Fl. Ned. Ind.: 549 (1826)

LAO ໂຄຍງຸ້ມ້ອຍ





- **Specimen(s):** 458 m (Z775).
- **Notes:** Perennial herbs, 30–80 cm tall; leaves opposite, ovate to rhombic, hairy; inflorescences terminal and axillary spikes or racemes, two sterile flowers per cluster; tepals greenish to yellowish, hairy outside; stamens 5 with pseudo-staminodes.

Deeringia polysperma (Roxb.) Moq.

Amaranthaceae

A.P.de Candolle, Prodr. 13(2): 236 (1849)

LAO ຫຍ່າງຫີນ





- **Specimen(s):** 458 m (Z830).
- **Notes:** Herbs up to 2 m tall; stems erect at base, occasionally drooping at distal part; young branches puberulous, soon glabrous; leaves ovate to lanceolate, apex acuminate; inflorescences axillary, solitary or paired spikes; flowers sessile with 5 tepals and 5 stamens; fruits white, spherical berries.

Ouret sanguinolenta (L.) Kuntze

Amaranthaceae

Revis. Gen. Pl. 2: 544 (1891)

LAO ດອກດ້າຍ





- **Specimen(s):** 147 m (Z2047).
- **Notes:** Perennial herbs, up to 1.5 m tall; stems erect or scrambling, velutinous; leaves ovate to lanceolate; inflorescences terminal or axillary, white to pale purple spikes; flowers small with white or pink tepals.

Pisonia aculeata L.

Sp. Pl.: 1026 (1753)

Nyctaginaceae

LAO ຫຍ້າຄັດເຄົ້າ



- **Specimen(s):** 175 m (Z2002).
- **Notes:** Climbers up to 20 m tall, with olive-green bark and axillary recurved spines; leaves ovate to elliptic, leathery, glabrous to pubescent; inflorescences axillary, corymbose, brownish hairy; flowers unisexual, yellow and fragrant, with exserted stamens or stigma.

Mastixia pentandra Blume subsp. **cambodiana** (Pierre) K.M.Matthew

Blumea 23: 85 (1976)

Nyssaceae

LAO ໝາກຝ້າກ້ານໃສ



- **Specimen(s):** 458 m (Z812).
- **Notes:** Trees 7–15 m tall with terete branches; leaves elliptic to obovate-oblong, leathery, with 3–5 arched veins and shortly acuminate apex; inflorescences terminal.

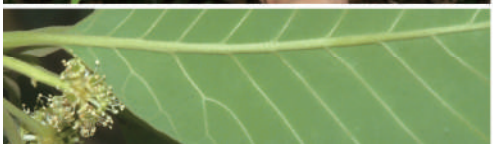
Nyssa javanica (Blume) Wangerin

Nyssaceae

H.G.A.Engler (ed.), Pflanzenr., IV, 220a: 15 (1910)

LAO ໝາກເຖິ່ນ, ໄຄ້ປ່າ







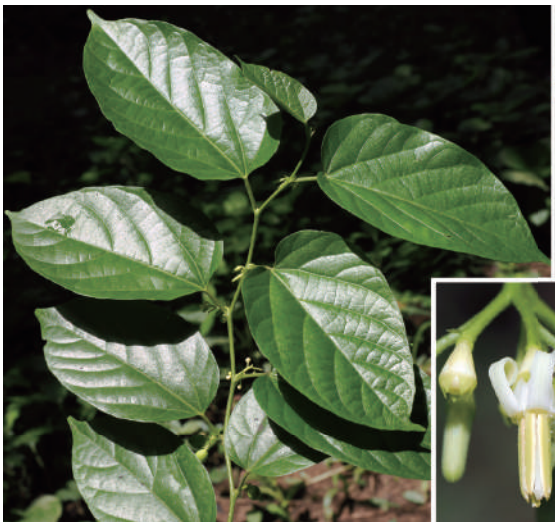
- **Specimen(s):** 192 m (Z758).
- **Notes:** Trees up to 40 m tall with dark grey bark and poisonous sap; leaves oblong to obovate, subcoriaceous, hairy beneath, with 8–15 pairs of secondary veins; flowers in axillary globose heads, yellowish to greenish.

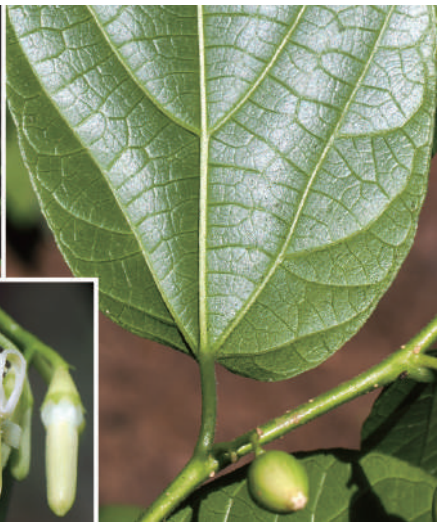
Alangium chinense (Lour.) Harms

Cornaceae

Ber. Deutsch. Bot. Ges. 15: 24 (1897)

LAO ຊ່າເຂົ້າຍານ





- **Specimen(s):** 208 m (Z1565).
- **Notes:** Shrubs or small trees, 3–6 m tall; branchlets pubescent or rarely hirsute when young, later glabrous; leaves 4–5-veined from base, lateral veins 5–7 pairs; petiole 2–2.5 cm long, sparsely hairy, glabrescent; inflorescences pendulous, 2–4-branched, 6–10-flowered; petals pale yellow-green, rarely hairy.

Impatiens pachycaulon M.F.Newman

Balsaminaceae

Edinburgh J. Bot. 65: 23 (2008)

LAO ຫງຽບຂ້ຳງ



- **Specimen(s):** 455 m (Z1211).
- **Notes:** Perennial herbs, up to 150 cm tall, succulent-stemmed; stems swollen, club-like; leaves spirally arranged, crowded at the apex, oblong-elliptic, midrib pinkish, margins serrate; flowers pink with a yellow throat, lower sepal funnelform; found on limestone hill.

Barringtonia macrostachya (Jack) Kurz

Lecythidaceae

Prelim. Rep. Forest Pegu, App. A: lxvi (1875)

LAO ຈິກນ້ຳມຍານ



- **Specimen(s):** 156 m (Z2478), 173 m (Z2201).
- **Notes:** Trees, 8 m tall, leaves crowded at the end of twig, blades narrowly lanceolate, to 30 cm long, secondary veins 12–15 pairs.

Donella lanceolata (Blume) Aubrév.

Sapotaceae

Fl. Camb., Laos & Vietn. 3: 64 (1963)

LAO ນ້ຳເຜິ້ງ





- **Specimen(s):** 198 m (Z2299).
- **Notes:** Trees up to 30 m tall, scattered in secondary evergreen and semi-evergreen forests, sometimes on limestone slopes; leaf blades narrowly elliptic to oblong, tomentose with ferruginous hairs when young, soon glabrous except along the midveins; lateral veins 18–27 pairs; tertiary venation parallel to the lateral veins and sometimes difficult to distinguish from them.

Palaquium laoticum Tagane & Soulad.

Sapotaceae

Thai Forest Bull., Bot. 54: 4 (2026)

LAO ປ໋ຽລາວ







- **Specimen(s):** 147 m (Z1225).
- **Notes:** Small trees up to 6 m tall, found at an evergreen forest edge along a dry stream near limestone hills; leaf blades glabrous, with 9–11 pairs of lateral veins; corolla glabrous except at the lobe apices; anthers with reddish-brown hairs. This species was first described based on our collection, and currently known only from its type locality (Tagane *et al.* 2026b).

Diospyros brandisiana Kurz

Ebenaceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 40: 72 (1871)

LAO ໝາກເກືອດັ່ງດຳ



- **Specimen(s):** 396 m (Z2392), 423 m (Z987).
- **Notes:** Trees, 8 m tall, occasional in dry evergreen forest on limestone area; easily recognized by its cauliflorous habit, with flowers and fruits arising directly from the trunk.

Diospyros defectrix H.R.Fletcher

Ebenaceae

Bull. Misc. Inform. Kew 1937: 384 (1937)

LAO ໝາວຈ້ອຍ



- **Specimen(s):** 198 m (Z2265).
- **Notes:** Trees, 6 m tall, semi-deciduous, common in dry evergreen forest in limestone area; leaves elliptic, glabrous on both surfaces secondary veins 6–8 pairs; fruits globose, 1–1.5 cm in diam., reddish-orange, with persistent 4 calyx lobes.

Diospyros ehretioides Wall. ex G.Don

Ebenaceae

Gen. Hist. 4: 40 (1837)

LAO ເຮືອນກວາງ



- **Specimen(s):** 171 m (Z2028), 179 m (Z2601).
- **Notes:** Deciduous tress, 2 m tall, common in dry deciduous forest at lowland; leaf blades ovate to elliptic; fruits ovoid 2 × 1.5 cm; fruiting specimens collected in June (young) and November (mature).

Diospyros malabarica (Desr.) Kostel.

Ebenaceae

Allg. Med.-Pharm. Fl. 3: 1099 (1834)

LAO ໝາກເກືອ



- **Specimen(s):** 173 m (Z1989), 259 m (Z1602).
- **Notes:** Evergreen trees, 8 m tall, occasional in evergreen forest; leaves oblong, coriaceous, base shallowly cordate to truncate; fruits globose to ellipsoid, to 3 cm in diam.

Diospyros montana Roxb.

Ebenaceae

Pl. Coromandel 1: 37 (1795)

LAO ຕ່ານໄຟຜີ



- **Specimen(s):** 179 m (Z2599).
- **Notes:** Deciduous trees, 5 m tall, scattered in dry deciduous forest, semi-evergreen forest; leaves chartaceous, black when dry, base shallowly cordate; fruits globose, ca. 2 cm in diam.

Diospyros pilosiuscula G.Don

Ebenaceae

Gen. Hist. 4: 39 (1837)

LAO ໝາກເກືອເຂົ້າ



- **Specimen(s):** 191 m (Z2275), 242 m (L447).
- **Notes:** Evergreen trees, occasional at semi-evergreen forest at lowland, often common in limestone area; leaves chartaceous, oblong to oblong-elliptic, 4–7 cm long, apex acuminate.

Diospyros retrofracta Bakh.

Gard. Bull. Straits Settlem. 7: 183 (1933)

Ebenaceae

LAO ໝາກເກືອດົງ



- **Specimen(s):** 198 m (Z2254), 209 m (Z2701), 405 m (Z1008), 435 m (Z552).
- **Notes:** Evergreen trees, locally common in dry evergreen forest in limestone valley; leaves coriaceous, ovate to lanceolate, 5–12 cm long, base rounded, apex acute to acuminate, glabrous on both surfaces; fruiting calyx divided to 1/2, lobes 4, not reflexed.

Diospyros undulata Wall. ex G.Don

Gen. Hist. 4: 40 (1837)

Ebenaceae

LAO ໝາກເກືອດຸດຄ່າງ



- **Specimen(s):** 160 m (Z2068), 180 m (Z2179), 190 m (Z1954), 423 m (Z997).
- **Notes:** Evergreen trees, 15 m tall, occasional in evergreen forest; leaves oblong to lanceolate, glabrous on both surfaces, with 2 glands at base of leaf blade; fruits globose 1.5–2 cm in diam.

Ardisia complanata Wall.

Primulaceae

W.Roxburgh, Fl. Ind. 2: 280 (1824)

LAO ໝາກຈ່າ



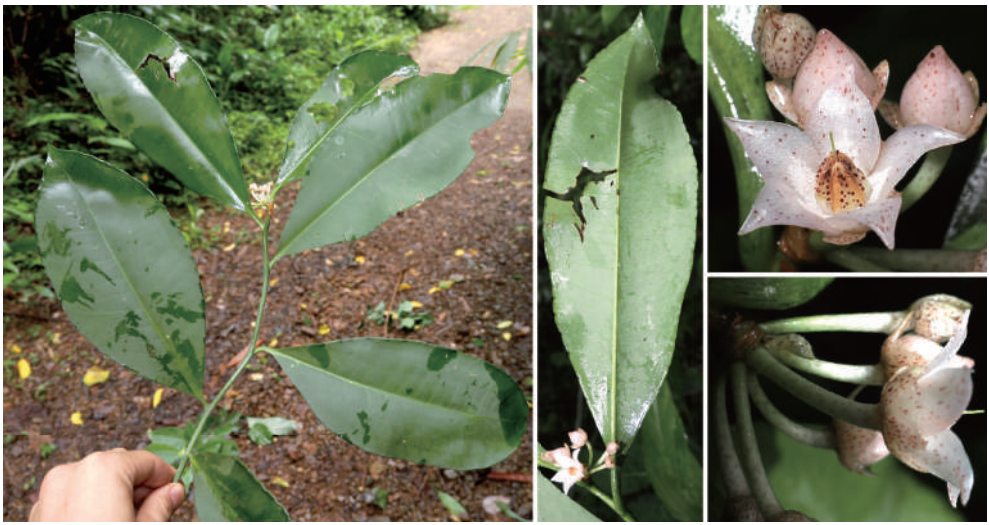
- **Specimen(s):** 171 m (Z2021), 242 m (L445), 435 m (Z972), 464 m (Z2344).
- **Notes:** Shrubs to small trees, 2–4 m tall, scattered in evergreen broad-leaved forest; inflorescences panicles, terminal, pyramidal; flowers pale pink; drupes globose, ca. 5 mm in diam.

Ardisia polysticta Miq. subsp. **polysticta**

Primulaceae

Fl. Ned. Ind., Eerste Bijv.: 576 (1861)

LAO ຕານົກ



- **Specimen(s):** 209 m (Z2667).
- **Notes:** Shrubs 2 m tall, found in semi-evergreen forest; leaves chartaceous, margin crenulate; inflorescences compound-corymbose, glabrous, terminal; calyx and corolla white, thickly dotted with black glands.

Ardisia pubicalyx Miq. var. **collinsiae** (H.R.Fletcher) C.M.Hu

Primulaceae

Blumea 44: 404 (1999)

LAO ຕີນຈ້ຳ



- **Specimen(s):** 154 m (Z1888), 175 m (Z1996), 180 m (Z1971), 192 m (Z2742), 209 m (Z2686), 453 m (Z2353).
- **Notes:** Shrubs 1–2 m tall, scattered in semi-evergreen, evergreen broad-leaved forest on limestone hills; inflorescences, pendent, racemose, in axils; flowers pink or white; drupe globose, ca. 6 mm diam., densely punctate.

Ardisia villosa Roxb.

Primulaceae

Fl. Ind. 2: 274 (1824)

LAO ກ້ຳລັ່ງຊ້າງເຜືອກ



- **Specimen(s):** 156 m (Z2545).
- **Notes:** Shrubs to 1 m tall, found in secondary semi-evergreen forest, at forest edge; leaves chartaceous, densely villous, elliptic-lanceolate; inflorescences umbellate, terminal; flowers pink.

Embelia subcoriacea (C.B.Clarke) Mez

Primulaceae

H.G.A.Engler (ed.), Pflanzenr., IV, 236: 329 (1902)

LAO ສົ້ມຂີ້ມອນ



- **Specimen(s):** 179 m (Z1544), 259 m (Z1604).
- **Notes:** Scrambling shrubs, to 10 m tall, found on limestone rocks and at edge of evergreen broad-leaved forest; infructescences racemose, 2–4 cm long, in axils of leaf scars; drupes globose, ca. 0.7 cm diam., apex apiculate.

Maesa ramentacea (Roxb.) A.DC.

Primulaceae

A.P.de Candolle, Prodr. 8: 77 (1844)

LAO ຈີ້ລໍ, ຄັບດິ່ງ, ກ໋ຽກທັບ, ກ໋ຽກເຂົ້າສານ



- **Specimen(s):** 273 m (Z1831).
- **Notes:** Shrubs or trees 5 m tall, commonly found at edge of evergreen broad-leaved forest, at roadside; infructescences axillary, paniculate, 4–8 cm; fruits globose, ca. 2.5 mm in diam.

Iodes cirrhosa Turcz.

Icacinaceae

Bull. Soc. Imp. Naturalistes Moscou 27(II): 281 (1854 publ. 1855)

LAO ທ້ອງປ້ຽ



- **Specimen(s):** 174 m (Z1504), 190 m (Z2646), 217 m (Z1386).
- **Notes:** Woody climbers, 5–10(–18) m long; branchlets rusty-tomentose; leaf blades ovate to ovate-elliptic, lower surface hairy, with prominent veins; male inflorescences tomentose; flowers white to yellowish green; fruits ovoid to subglobose, orange-reddish, rusty-tomentose.

Pyrenacantha volubilis Wight

Icacinaceae

Bot. Misc. 2: 107 (1830)

LAO ໝຸໝັ່ນ



- **Specimen(s):** 180 m (Z2172).
- **Notes:** Climbers, scattered in evergreen forest margin; leaves narrowly oblong to elliptic-obovate, hairy on lower surface, veins conspicuous; inflorescences spicate; fruits ovoid, compressed, orange-red, slightly hairy.

Pittosporopsis kerrii Craib

Bull. Misc. Inform. Kew 1911: 28 (1911)

Metteniusaceae

LAO ຂົມຈີ່ງ



- **Specimen(s):** 423 m (Z988), 458 m (Z862).
- **Notes:** Shrubs or trees up to 7 m tall, occasional in seasonal evergreen forest, often along streams, also on limestone areas; leaf blades lustrous, with 5–7 pairs of lateral veins; cymes axillary, usually with 10–20 flowers; flower buds oblong, light green; drupes light green and edible when young, brown and 2-ribbed when dry. This species is traditionally used in ethnomedicine for pain and inflammation (Anukanon *et al.* 2026).

Adina cordifolia (Roxb.) Hook.f. & Benth.

D.Brandis, Forest Fl. N.W. India: 263 (1874)

Rubiaceae

LAO ຖົ່ມຂາວ



- **Specimen(s):** 161 m (Z2420).
- **Notes:** Deciduous trees 7–20(–30) m tall; leaves broadly ovate, cordate at base, pubescent beneath with hairy domatia; inflorescences axillary, globose, many-flowered; flowers pale yellow to orange with hairy corolla; fruiting heads globose, containing pubescent obovoid capsules.

Argostemma lobbii Hook.f.

Rubiaceae

Fl. Brit. India 3: 44 (1880)

LAO ดาอหีนใบเส้ม



- **Specimen(s):** 330 m (L1203), 330 m (L956).
- **Notes:** Perennial herbs; stem glabrous with divided leaf-like stipules; leaves pseudo-whorled, linear to lanceolate; inflorescences 1–5-flowered; flowers 5-merous with star-shaped corolla and basally fused filaments; capsules glabrous.

Argostemma lobbioides Lanors., Chantar. & Souvann.

Rubiaceae

Nordic J. Bot. 38(10)-e02714: 2 (2020)

LAO ดาอหีนบางแอ่น



- **Specimen(s):** 213 m (Z1759).
- **Notes:** Perennial herbs, attached to the substrate with tubers; leaves opposite, 3–4-paired; stipules leaf-like, ovate or obovate; inflorescences 1–4-flowered; flowers 5-merous, corolla white, star-shaped (Lanors *et al.* 2020).

Argostemma siamense Puff

Rubiaceae

Thai Forest Bull., Bot. 37: 137 (2009)

LAO ດາວຫ້ານໃບດຽວ





- **Specimen(s):** 196 m (Z1399), 330 m (L1200), 330 m (L957).
- **Notes:** Perennial herbs; stems glabrous, with ovate, bifid stipules; leaves strongly anisophyllous, elliptic to ovate; inflorescences 2–10-flowered; flowers 5-merous with star-shaped corolla and tubular anthers; capsules glabrous or pubescent.

Brachytome hainanensis C.Y.Wu ex W.C.Chen

Rubiaceae

Guihaia 7: 298 (1987)

LAO ເຂັມນ້ຳເຕົ້າ



- **Specimen(s):** 458 m (Z826).
- **Notes:** Shrubs 2.5–3 m tall; leaves elliptic to lanceolate; flowers subsessile to pedicellate, with 5-lobed white to pale yellow corolla; fruits red, ellipsoid to subglobose berries.

Canthium horridum Blume

Rubiaceae

Catalogus: 45 (1823)

LAO ໜາມເລັບແມວໃຫຍ່





- **Specimen(s):** 197 m (Z2635).
- **Notes:** Shrubs, 2–3 m tall with slender thorny branches and strigillose hairs; leaf blades ovate to lanceolate, papery, pubescent beneath; fruits drupaceous, ovoid to subglobose, ca. 1 cm in diam.

Chassalia curviflora (Wall.) Thwaites

Rubiaceae

Enum. Pl. Zeyl.: 150 (1859)

LAO ເຂັ້ມພະລາມ





- **Specimen(s):** 156 m (Z2544), 180 m (Z2180), 287 m (Z1751), 405 m (Z1037).
- **Notes:** Shrubs, to 2 m tall; common in wet evergreen forest; peduncle becoming swollen and red; fruits globose, green when young, becoming black when mature.

Duperrea pavettifolia (Kurz) Pit.

Rubiaceae

H.Lecomte, Fl. Indo-Chine 3: 334 (1924)

LAO ເຂັ້ມດົ່ງ





- **Specimen(s):** 196 m (Z1394), 197 m (Z2634).
- **Notes:** Shrubs, 1.5 m tall, scattered in evergreen forest; flowering in June; easily recognized by its linear calyx lobes 4 mm long.

Geophila herbacea (Jacq.) K.Schum.

Rubiaceae

H.G.A.Engler & K.A.E.Prantl, Nat. Pflanzenfam. 4(4): 119 (1891)

LAO ມະລິເຄືອ







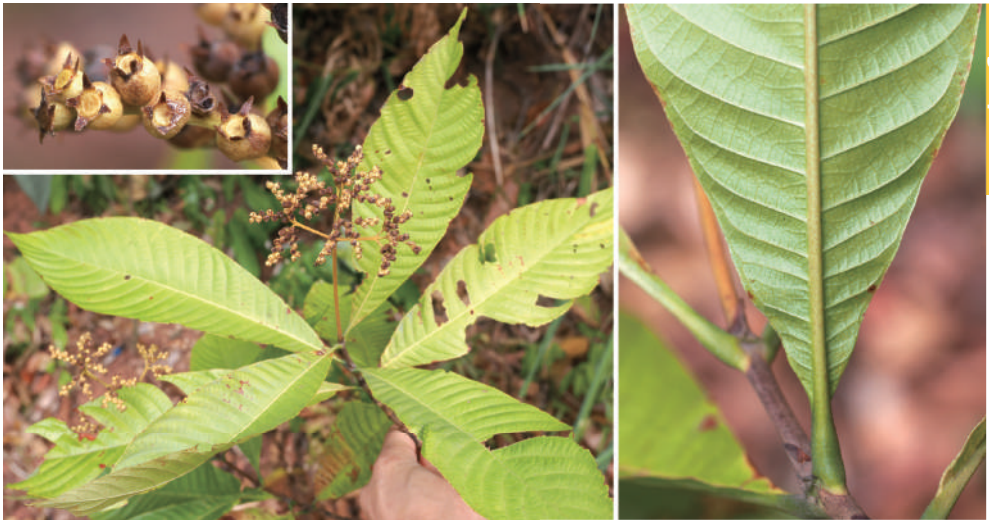
- **Specimen(s):** 172 m (Z1444), 179 m (Z2602).
- **Notes:** Creeping herbs with rooting stems and rounded-reniform leaves; flowers solitary, white, with a tubular corolla. Formerly included in *G. repens*, but molecular phylogenetic analysis showed that Old World plants belong to a clade separate from New World plants (Razafimandimbison *et al.* 2024); therefore, they are now treated as *G. herbacea* (Lim *et al.* 2019).

Greenea laotica Soulad., Souvann. & Tagane

Rubiaceae

Thai Forest Bull., Bot. 54: 1 (2026)

LAO ພາຂອັນລາວ



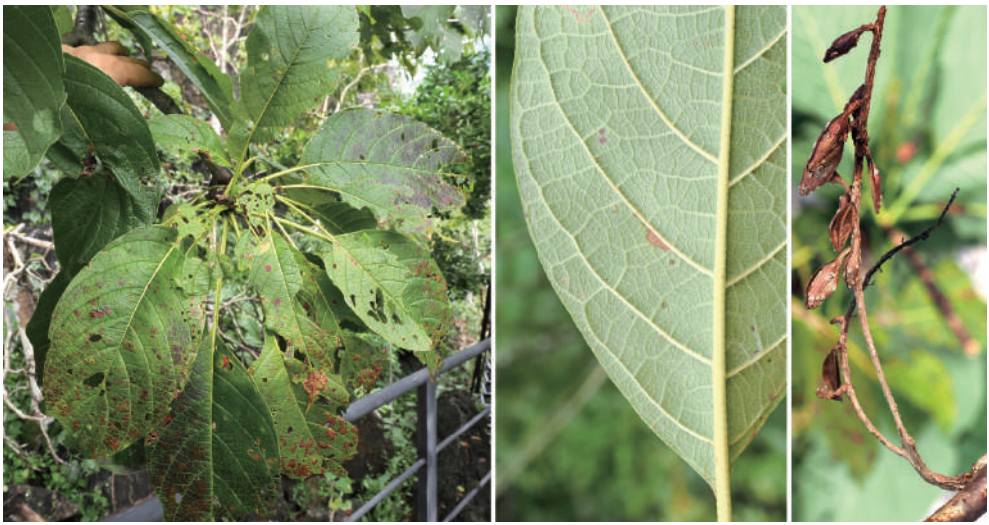
- **Specimen(s):** 460 m (Z2348).
- **Notes:** Small trees up to 3 m tall; leaves opposite, blades oblanceolate to obovate, sparsely hairy, with prominent veins; inflorescences terminal, cymose; corolla tube glabrous inside except for a ring of stiff hairs; fruits spherical, strigose, with persistent calyx lobes. Described as a new species based on our collections, currently known only from central Laos (Tagane *et al.* 2026b).

Hymenodictyon orixense (Roxb.) Mabb.

Rubiaceae

Taxon 31: 66 (1982)

LAO ລົ້ມກົບ



- **Specimen(s):** 154 m (Z2456), 194 m (Z1712).
- **Notes:** Deciduous trees up to 25 m tall with smooth gray bark, hairy branches, large elliptic leaves, pendulous terminal inflorescences, white to brown flowers, and woody brown capsules with winged seeds.

Ixora nigricans R.Br. ex Wight & Arn.

Rubiaceae

Prodr. Fl. Ind. Orient. 1: 428 (1834)

LAO ເຂັມນ້ຳ





- **Specimen(s):** 160 m (Z2319), 205 m (Z1813), 209 m (Z2719), 423 m (Z993), 458 m (Z773).
- **Notes:** Shrubs up to 5 m tall; branchlets glabrous; leaves opposite, blades narrowly elliptic to oblanceolate, papery, black when dry; flowers white, arranged in terminal paniculate cymes; fruits nearly globose berries.

Lasianthus hispidulus (Drake) Pit.

Rubiaceae

H.Lecomte, Fl. Indo-Chine 3: 393 (1924)

LAO ປັດຂົນ





- **Specimen(s):** 458 m (Z828).
- **Notes:** Shrubs 1–1.5 m tall with densely hairy branches and leaves; leaves elliptic to ovate-oblong, papery, glabrous above and villous beneath; fruits globose, strigillose, with 5 pyrenes.

Lasianthus verticillatus (Lour.) Merr.

Rubiaceae

Trans. Amer. Philos. Soc., n.s., 24(2): 372 (1935)

LAO ปัดຂຽວ





- **Specimen(s):** 435 m (Z984), 453 m (Z2359), 458 m (Z784).
- **Notes:** Shrubs 1.5–3 m tall with pubescent branches; leaves leathery, oblong to elliptic-oblong, glabrous above and hairy beneath, with prominent veins.

Mitragyna diversifolia (Wall. ex G.Don) Havil.

Rubiaceae

J. Linn. Soc., Bot. 33: 71 (1897)

LAO ໂຫມນາ







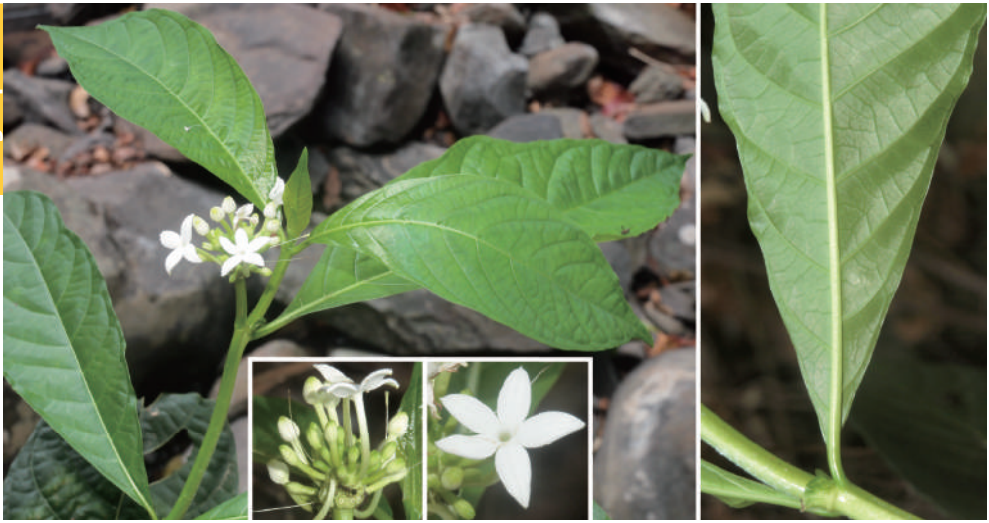
- **Specimen(s):** 147 m (Z2046), 194 m (Z1736).
- **Notes:** Trees up to 15 m tall, with pilosulous branches; leaves ovate-oblong to elliptic-ovate, papery; stipules elliptic-oblong to ovate; inflorescences compact, with 3 to numerous densely hairy, yellowish white flowers.

Morinda angustifolia Roxb.

Rubiaceae

Pl. Coromandel 3: 32 (1815)

LAO ต้นสัมข้าม



- **Specimen(s):** 458 m (Z820).
- **Notes:** Shrubs or small trees up to 6 m tall, with glabrous quadrangular branches; leaves opposite, elliptic to oblanceolate, papery, with interpetiolar triangular stipules; inflorescences solitary, globose to cylindrical heads with white salverform flowers.

Mussaenda uniflora Wall. ex G.Don

Rubiaceae

Gen. Hist. 3: 491 (1834)

LAO ມະລິເຄືອດາວ



- **Specimen(s):** 172 m (Z1443), 190 m (Z2652).
- **Notes:** Creeping herbs; leaves opposite, ovate to oblanceolate, with triangular stipules; flowers in terminal clusters of 1–3, white, tubular, 5-lobe.

Neolamarckia cadamba (Roxb.) Bosser

Rubiaceae

Bull. Mus. Natl. Hist. Nat., B, Adansonia 6: 247 (1984)

LAO ຕົ້ນກະເຫຼືອງ



- **Specimen(s):** 287 m (Z1750).
- **Notes:** Deciduous trees up to 30 m tall, with straight bole and horizontal branches; leaves ovate to elliptic-oblong, subcoriaceous, glabrous, with numerous lateral veins; fruits succulent, orange when mature, forming large spherical fruiting heads.

Oxyceros bispinosus (Griff.) Tirveng.

Rubiaceae

Nordic J. Bot. 3: 466 (1983)

LAO ຄັດເຄົ້າ



- **Specimen(s):** 161 m (Z2428), 173 m (Z1992), 179 m (Z2233), 191 m (Z2073).
- **Notes:** Scandent shrubs armed with paired thorns; leaves ovate to elliptic with broadly triangular stipules; inflorescences cymose with crowded flowers; corolla tubular, with linear anthers and exserted style; fruits globose to ovoid, about 1 cm in diam.

Paederia foetida L.

Mant. Pl. 1: 52 (1767)

Rubiaceae

LAO ເຄືອຕົດໝາ



- **Specimen(s):** 435 m (Z1920).
- **Notes:** Climbers, to 5 m tall; leaves opposite, ovate to elliptic, papery to subleathery, with triangular stipules; inflorescences branched and paniculate or cymose; flowers pale purple to whitish, funnel-shaped; fruits globose, 4–7 mm in diam., glabrescent.

Paederia linearis Hook.f.

Fl. Brit. India 3: 197 (1881)

Rubiaceae

LAO ເຄືອຕົດໝາໃບນ້ອຍ



- **Specimen(s):** 160 m (Z2054), 160 m (Z2316), 166 m (Z2235), 282 m (L417).
- **Notes:** Climbers up to 10 m long; leaves simple, linear to lanceolate, with interpetiolar stipules.; inflorescences branched; flowers pale pink to white outside and reddish purple inside; fruits globose to ovoid.

Pavetta graciliflora Wall. ex Ridl.

Rubiaceae

J. Straits Branch Roy. Asiat. Soc. 86: 296 (1922)

LAO ເຂັມຂາວ



- **Specimen(s):** 151 m (Z1934), 178 m (Z2608), 180 m (Z2139), 190 m (Z1978).
- **Notes:** Shrubs 1–2 m tall, branches glabrous; leaves opposite, glossy, dark green, often with bacterial nodules; fruits black, shiny, globose to ovoid.

Prismatomeris sessiliflora Pierre ex Pit.

Rubiaceae

H.Lecomte, Fl. Indo-Chine 3: 429 (1924)

LAO ສ້ຽວເງິນ



- **Specimen(s):** 192 m (Z756), 405 m (Z1079).
- **Notes:** Shrubs 1–2 m tall, leaves opposite, ovate-oblong; inflorescences terminal on long shoots; flowers sessile, corolla white, calyx and corolla tube glabrous.

Psychotria adenophylla Wall.

Rubiaceae

W.Roxburgh, Fl. Ind. 2: 166 (1824)

LAO จันฤถัมมา





- **Specimen(s):** 349 m (Z866).
- **Notes:** Scandent shrubs up to 3 m, tall with striate stems and slender branchlets; leaves opposite, blades elliptic to oblong-lanceolate, entire, with arcuate veins; flowers white, in axillary or terminal paniculate cymes; fruits black, globose-ellipsoid, 0.6–1 cm long.

Psychotria bonii Pit.

Rubiaceae

H.Lecomte, Fl. Indo-Chine 3: 347 (1924)

LAO ຂານາງສອງພຸ







- **Specimen(s):** 287 m (Z1748).
- **Notes:** Erect shrubs 0.3–0.8 m tall; branches glabrous; leaves narrowly ovate to elliptic, chartaceous, glabrous, with prominent veins; fruits ellipsoid drupes, glabrous, with persistent calyx.

Saprosma latifolia Craib

Rubiaceae

Bull. Misc. Inform. Kew 1932: 485 (1932)

LAO ຫ້ອມໃບໃຫຍ່



- **Specimen(s):** 405 m (Z1063).
- **Notes:** Shrubs, occasional in seasonal evergreen forest; distinguished from other two *Saprosma* species in Laos (*S. annamensis* and *S. ternatum*) by its sessile leaves, with blades cordate at base and turning blackish when dry.

Schizomussaenda henryi (Hutch.) X.F.Deng & D.X.Zhang

Rubiaceae

Blumea 53: 390 (2008)

LAO ແກ້ມຂາວ



- **Specimen(s):** 190 m (Z2655), 273 m (Z1834).
- **Notes:** Erect shrubs or small trees, 2–8 m tall, with hirtellous young stems; leaves ovate to elliptic, chartaceous, with bifid stipules; inflorescences terminal, scorpioid-cymose, bearing numerous 5-merous heterostylous flowers; flowers salverform with orange-yellow apiculate lobes.

Tamilnadia uliginosa (Retz.) Tirveng. & Sastre

Rubiaceae

Mauritius Inst. Bull. 8(4): 85 (1979)

LAO ลุมพุา



- **Specimen(s):** 154 m (Z2437).
- **Notes:** Deciduous shrubs or small trees, up to 10 m tall; leaves opposite, mostly obovate, clustered on short shoots; fruits ovoid to obovoid, 5–9 cm long, thick-walled, fleshy.

Tarenna hoaensis Pit.

Rubiaceae

H.Lecomte, Fl. Indo-Chine 3: 214 (1923)

LAO จันขาอ



- **Specimen(s):** 160 m (Z2321), 180 m (Z2150).
- **Notes:** Shrubs or trees, 3–4 m tall, with dense branches and short-hairy young twigs; leaves opposite, elliptic, glabrous, with triangular interpetiolar stipules; fruits fleshy, globose.

Tarennoidea wallichii (Hook.f.) Tirveng. & Sastre

Rubiaceae

Mauritius Inst. Bull. 8(4): 90 (1979)

LAO ເຂັມຂຽວນົກອ້ຽງ



- **Specimen(s):** 180 m (Z2156).
- **Notes:** Trees to 12 m tall, with glabrous green young branches and grayish mature bark; leaves opposite, lanceolate to oblanceolate, papery, glabrous, with interpetiolar triangular stipules; fruits globose.

Fagraea ceilanica Thunb.

Gentianaceae

Kongl. Vetensk. Acad. Nya Handl. 3: 132 (1782)

LAO ຕ້ຽນົກ



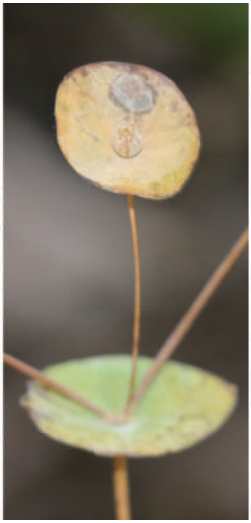
- **Specimen(s):** 198 m (Z2268).
- **Notes:** Scandent shrubs to small trees, (hemi-)epiphytic or (rarely) terrestrial, occasional in various habitat, in primary and secondary forests, and scrubland on limestone hill; leaves opposite, blades obovate-oblong, apex acuminate, secondary veins and tertiary veins inconspicuous. The flower photos are from Nam Kading (specimen: *Tagane et al. Z102*).

Phyllocyclus petelotii (Merr.) Thiv

Gentianaceae

Blumea 48: 39 (2003)

LAO ປະກາຍທັງເຈັດ


- **Specimen(s):** 164 m (Z1942).
- **Notes:** Annual erect herbs; leaves on upper stems perfoliate, broadly ovate to orbicular; flowers 5-merous, sessile, with persistent perfoliate bracts; calyx cylindrical to tubular; corolla white with yellow basal patch.

Strychnos axillaris Colebr.

Loganiaceae

Trans. Linn. Soc. London 12: 356 (1819)

LAO ໝາກຕາໄກ່



- **Specimen(s):** 174 m (Z1519), 180 m (Z2153), 253 m (Z1869).
- **Notes:** Scandent shrubs to climbers with spirally curved axillary spines; leaf blades elliptic to suborbicular; inflorescences cymose, axillary or terminal; flowers 5-merous; fruits ovoid to globose.

Alstonia scholaris (L.) R.Br.

Apocynaceae

Asclepiadeae: 64 (1810)

LAO ຕີນເປັດ



- **Specimen(s):** 259 m (Z1605).
- **Notes:** Trees, up to 40 m tall; bark brown, bole often fluted; leaves crowded at shoot apex, blades elliptic to obovate, glabrous, with numerous parallel veins; inflorescences cymose, many-flowered; flowers white to yellowish green with tubular corolla.

Ceropegia khammouanensis Phonep. & Rodda

Apocynaceae

Kew Bull., in press

LAO ດອກຈີ້ມດາຄຳມ່ວນ



- **Specimen(s):** 188 m (Z1892).
- **Notes:** Perennial twining herb, found on semi-shaded limestone foothill; stem glabrous; leaves opposite, blades ovate 4.8–6 cm long, 2–2.5 cm wide, puberulent on upper surface, glabrous on lower surface, corolla tube glabrous. The type specimen *Tagane et al. Z1892* (with flowers) was collected in Hinboun District in September.

Cryptolepis buchananii R.Br. ex Roem. & Schult.

Apocynaceae

Syst. Veg., ed. 15[bis]. 4: 409 (1819)

LAO ເຄືອເອັ້ນອ່ອນ





- **Specimen(s):** 495 m (Z753).
- **Notes:** Lianas, up to 6 m long; leaves oblong to elliptic, with numerous lateral veins; inflorescences extra-axillary panicles; flowers greenish yellow to yellow-white, with club-shaped corona lobes; found at dry evergreen forest edge on limestone hill.

Epigynum cochinchinensis (Pierre) D.J.Middleton

Apocynaceae

Kew Bull. 49: 304 (1994)

LAO ມຸກເຄືອ




- **Specimen(s):** 198 m (Z2294), 217 m (Z1385).
- **Notes:** Climbers; branches tomentose; leaves obovate to elliptic, hairy beneath; inflorescences terminal; flowers white to pinkish, with long tubular corolla; scattered on limestone karst and its vicinities.

Harmandiella cordifolia Costantin

Apocynaceae

H.Lecomte, Fl. Indo-Chine 4: 89 (1912)

LAO ຜັກໂງ່ນຜີ



- **Specimen(s):** 173 m (Z2493).
- **Notes:** Climbers, occasionally found on open area or scrubland on limestone hill. Rodda (2020) reported its occurrence in Luang Prabang, and our discovery extends its distribution to southeastern area in the country.

Holarrhena pubescens Wall. ex G.Don

Apocynaceae

Gen. Hist. 4: 78 (1837)

LAO ມຸກຫຼວງ



- **Specimen(s):** 150 m (Z2585).
- **Notes:** Shrubs or trees, up to 15 m tall; branchlets pubescent or glabrous; leaves elliptic, papery, variable in hairiness, pubescent on both surfaces.

Hunteria zeylanica (Retz.) Gardner ex Thwaites

Apocynaceae

Enum. Pl. Zeyl.: 191 (1860)

LAO ໝາກຢາງ





- **Specimen(s):** 198 m (Z2263), 405 m (Z1015).
- **Notes:** Trees 15–20 m tall, common in dry evergreen forest in limestone valleys; trunks often fluted; branches glabrous; leaf blades oblong to elliptic, leathery, with numerous parallel veins.

Ichnocarpus frutescens (L.) W.T.Aiton

Apocynaceae

Hortus Kew., ed. 2. 2: 69 (1811)

LAO ເຄືອເອັນອ່ອນດອກຝອຍ









- **Specimen(s):** 146 m (L966), 147 m (Z2042), 175 m (Z2504).
- **Notes:** Lianas, up to 10 m long; branchlets pubescent when young, becoming glabrous; leaves elliptic to ovate, hairy beneath or glabrous; inflorescences axillary and terminal, often tomentose; flowers white to yellowish with tubular corolla.

Kibatalia laurifolia (Ridl.) Woodson

Apocynaceae

Sunyatsenia 3: 102 (1936)

LAO ງາຊ້າງ



- **Specimen(s):** 435 m (Z520).
- **Notes:** Shrubs or trees, up to 20 m tall; branches glabrous; leaf blades elliptic, 8.5–16 × 2–4 cm, coriaceous to chartaceous, glabrous, with 7–14 pairs of lateral veins; fruits flattened, slender follicles, many-seeded.

Kibatalia macrophylla (Pierre ex Hua) Woodson

Apocynaceae

Philipp. J. Sci. 60: 214 (1936)

LAO ເຍົາຄວາຍ



- **Specimen(s):** 156 m (Z2574).
- **Notes:** Trees, up to 15 m tall; branches glabrous or puberulent; leaves elliptic to oblong, coriaceous, sometimes hairy beneath; inflorescences 4–12-flowered; flowers white to light green with tubular corolla and pubescent lobes.

Streptocaulon juventas (Lour.) Merr.

Apocynaceae

Trans. Amer. Philos. Soc., n.s., 24(2): 315 (1935)

LAO ເຖືອປະສິງ



- **Specimen(s):** 194 m (Z1735).
- **Notes:** Liana, up to 8 m long, densely tawny-pilose; leaves obovate to broadly elliptic, leathery; inflorescences many-flowered, densely clustered; flowers yellow-green outside and yellow-brown inside.

Tabernaemontana bufalina Lour.

Apocynaceae

Fl. Cochinch.: 177 (1790)

LAO ໝາກເຜັດປ່າ



- **Specimen(s):** 159 m (Z2562), 179 m (Z2621).
- **Notes:** Shrubs or small trees, up to 4 m tall; branches glabrous and lenticellate; leaves elliptic to narrowly elliptic, glabrous; fruits obliquely ellipsoid to pod-shaped, torulose.

Urceola laevigata (Juss.) D.J.Middleton & Livsh.

Apocynaceae

Taxon 67: 356 (2018)

LAO ຢາງຍືດ



- **Specimen(s):** 180 m (Z2175), 405 m (Z1009).
- **Notes:** Evergreen lianas, up to 10 m long; branchlets pubescent when young, becoming glabrous; leaves elliptic to oblong, glabrous; fruits long, slender follicles.

Wrightia dubia (Sims) Spreng.

Apocynaceae

Syst. Veg., ed. 16. 1: 638 (1824)

LAO ມຸກມັນ



- **Specimen(s):** 183 m (Z1828).
- **Notes:** Shrubs to 2 m tall; scattered in seasonal semi-evergreen forest; twigs lenticellate; corolla orange when opened; fruits of paired follicles, to 30 cm long.

Argyreia capitiformis (Poir.) Ooststr.

Convolvulaceae

Fl. Males., Ser. 1, Spermat. 6: 941 (1972)

LAO ຈີ່ຈ້ໃຫຍ່



- **Specimen(s):** 170 m (Z2036).
- **Notes:** Woody climbers, scattered at dry evergreen forest edge, roadside thickets; easily recognised by its stems, leaves, and flowers densely covered with spreading and stiff hairs, capitate cymose inflorescence, and funnel-shaped, purple with white corolla.

Erycibe cochinchinensis Gagnep.

Convolvulaceae

Notul. Syst. (Paris) 3: 138 (1915)

LAO ກາຕິດ



- **Specimen(s):** 160 m (Z2323), 177 m (Z2095), 191 m (Z2280).
- **Notes:** Woody climbers or treelets; stems terete, grayish; twigs glabrous; inflorescences dense, axillary; flowers fragrant; sepals orbicular, equal; corolla yellow, lobes deeply bilobed.

Ipomoea mauritiana Jacq.

Collectanea 4: 216 (1791)

Convolvulaceae

LAO ເອັນອ້າເຄືອ, ຜັກບົ້ງຣົ້ວ





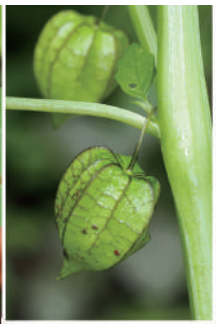
- **Specimen(s):** 175 m (Z2501).
- **Notes:** Perennial climbers; stems glabrous or muricate; leaves simple, palmately lobed; inflorescences few or many-flowered; bracts early deciduous; sepals subcircular to elliptic, glabrous, apex obtuse; corolla funnelform, pink to reddish-purple with darker centre.

Physalis angulata L.

Sp. Pl.: 183 (1753)

Solanaceae

LAO ໝາກຕຸ່ມຕ່າມ



- **Specimen(s):** 197 m (Z2633).
- **Notes:** Annual herbs, common along the edges of disturbed semi-evergreen forest; flowers solitary, axillary, borne on slender pedicels; fruiting calyx weakly 10-angled, often puberulent. Native to tropical and subtropical America, but now naturalized in tropical and subtropical areas worldwide.

Solanum erianthum D.Don

Solanaceae

Prodr. Fl. Nepal.: 96 (1825)

ໝາກເຮັກ





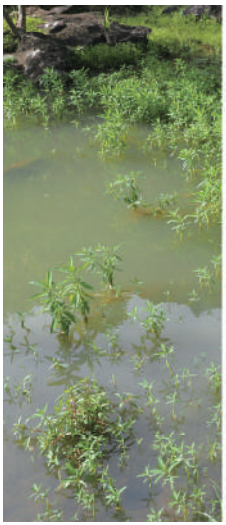
- **Specimen(s):** 225 m (Z1662).
- **Notes:** Shrubs 1 m tall, common on limestone wall at roadside; all parts covered with stellate hairs; inflorescences axillary, cymose, bearing several to many flowers. This species native to America, cultivated in this Asia, fruits edible.

Sphenoclea zeylanica Gaertn.

Sphenocleaceae

Fruct. Sem. Pl. 1: 113 (1788)

ຜັກຄະນາ









- **Specimen(s):** 164 m (Z2522).
- **Notes:** Annual herbs, found around a shallow pond in a grazing pasture; inflorescences a dense spike, 4–7 cm long; calyx spherical with 5 oval sepals; corolla white.

Jasminum craibianum Kerr

Oleaceae

Bull. Misc. Inform. Kew 1938: 27 (1938)

LAO ມະລິປ່າ



- **Specimen(s):** 420 m (Z2380).
- **Notes:** Woody climbers; young shoots villous; inflorescences axillary or terminal on side shoots, 2–5-flowered, villous; calyx tube ca. 2.5 mm long, lobes linear-filiform, 0.5–0.9 cm long, villous; corolla white, tube 1.8–2 cm, lobes 6–9, narrow, ca. 1.2–1.3 cm.

Jasminum nervosum Lour.

Oleaceae

Fl. Cochinch.: 20 (1790)

LAO ມະລິດິນ, ມະລິປ່າດອກໃບ



- **Specimen(s):** 172 m (Z2489), 174 m (Z1487), 182 m (Z2274), 435 m (Z977).
- **Notes:** Woody climbers; occasional in evergreen forest; leaves opposite, simple, glabrous; recognized by its veins abaxially prominent, 3(–5)-veins, inflorescences axillary, 2–3-flowered, and calyx lobes linear, to 1.5 cm long.

Myxopyrum smilacifolium (Wall.) Blume

Oleaceae

Mus. Bot. 1: 320 (1851)

LAO ฝิ่นแสบซ่า





- **Specimen(s):** 182 m (Z2271).
- **Notes:** Woody climbers, common in disturbed dry deciduous forest, semi-evergreen forest; stems 4-angular, glabrous; leaves opposite, simple, glabrous, tri-nerved; easily recognized by its 4-angular stems and venation pattern.

Epithema carnosum Benth.

Gesneriaceae

Scroph. Ind.: 57 (1835)

LAO ภาดหีบหูฒิ





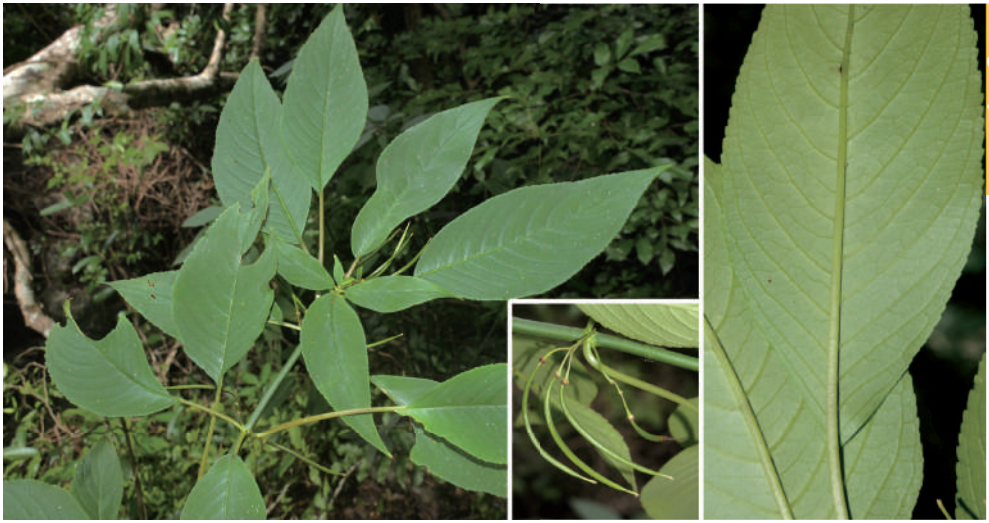
- **Specimen(s):** 330 m (L1201), 330 m (L963).
- **Notes:** Herbs, 5–15 cm tall, fleshy; stems pubescent; leaves opposite, lower ones often reduced or solitary, blades broadly ovate to cordate, margins serrate-dentate; inflorescences terminal or axillary, dense scorpioid cymes enclosed by a cup-shaped bract; flowers small, corolla bluish-purple to white, tubular, 2-lipped.

Lysionotus calcicola Phonep., Soulad. & Souvann.

Gesneriaceae

Nordic J. Bot. 2025(6)-e04620: 4 (2025)

LAO ดอกงาช้างหิน



- **Specimen(s):** 435 m (Z527).
- **Notes:** Deciduous shrubs, up to 2 m tall, found on limestone karsts and cliffs; stems 4-angled; leaves opposite; leaf blades elliptic to oblong, margins serrate; flowers white to cream with a yellowish throat, corolla tubular-funnelform.

Microchirita hamosa (R.Br.) Yin Z.Wang

Gesneriaceae

J. Syst. Evol. 49: 60 (2011)

LAO ກະສັງຫີນ



- **Specimen(s):** 172 m (Z1441).
- **Notes:** Annual herbs, 5–25 cm tall, growing on shaded rocks or tree trunks; stems erect, cylindrical, succulent, covered with fine hairs; leaves opposite (lowermost solitary), blades broadly ovate to cordate, thin, pubescent on both surfaces; flowers white, tubular, with a prominent yellow stripe at the throat, borne on scorpioid cymes fused to the petiole.

Middletonia reticulata (Barnett) C.Puglisi

Gesneriaceae

Thai Forest Bull., Bot. 45: 39 (2017)

LAO ຊາລີສີ



- **Specimen(s):** 146 m (L973).
- **Notes:** Perennial herbs, shortly caulescent, growing on damp rocks or limestone karsts; stems very short, densely covered with matted brown hairs; leaves opposite, blades elliptic, adaxial surface glabrous or glabrescent, abaxial surface tomentose, tertiary venation reticulate, prominent abaxially; inflorescences axillary, compound cymes, longer than the leaves; flowers white, almost flat-faced, with yellow throat; stamens 2, with erect anthers; fruits strongly twisted capsules.

Acanthus leucostachyus Wall. ex Nees

Acanthaceae

N.Wallich, Pl. Asiat. Rar. 3: 98 (1832)

LAO ຄົບປາເຂ້ັງ



- **Specimen(s):** 458 m (Z822).
- **Notes:** Herbs to 1 m tall, erect, unbranched, growing in dry evergreen forest; stems brown, hairy; leaf margins slightly spinose-dentate; inflorescences terminal spikes; bracts ovate to obovate, pubescent, margins spiny, apex acute to acuminate; bracteoles 2, lanceolate to oblanceolate, pubescent, margins entire and ciliate, apices rounded with a short tip; corolla white.

Chroesthes lanceolata (T.Anderson) B.Hansen

Acanthaceae

Nordic J. Bot. 3: 209 (1983)

LAO ถอมม้าแดง



- **Specimen(s):** 458 m (Z797).
- **Notes:** Shrubs 0.5–3 m tall, growing in dry evergreen forest; leaf blades elliptic to oblanceolate or lanceolate, 10–16 × 3–7 cm, glabrous on both surfaces; inflorescences thyrses 3–7 cm long; calyx 5-lobed, posterior lobe largest, 2 lateral lobes smaller than 2 anterior lobes; corolla white with purple spots; anther thecae spurred.

Clinacanthus nutans (Burm.f.) Lindau

Acanthaceae

Bot. Jahrb. Syst. 18: 63 (1893)

LAO ລົ້ນຈອນພອນ, ສະເລດພັ້ງພອນແມ່



- **Specimen(s):** 191 m (Z2086).
- **Notes:** Shrubs to 1 m tall, erect, growing in semi-evergreen forest; leaves petiolate, leaf blade margins entire or sinuate-crenate; inflorescences axillary or terminal thyrsoid racemes; corolla dull red with a green base, over 3 cm long; used medicinally.

Dicliptera vestita Benoist

Bull. Soc. Bot. France 74: 911 (1927 publ. 1928)

Acanthaceae

LAO ເດືອຍໄກ່ຂົນ



- **Specimen(s):** 193 m (Z2311).
- **Notes:** Herbs to 50 cm tall, ascending, growing in semi-evergreen forest; leaves petiolate; leaf blades obovate to oblong, 2.5–3.5 × 1.0–1.7 cm, sparsely hairy, bases cuneate to obtuse, apices obtuse to acute; inflorescences cymes in leaf axils; bracts obovate, densely covered with long white hairs; corolla ca. 1.5 cm long, pale pink.

Eranthemum tetragonum Wall. ex Nees

N.Wallich, Pl. Asiat. Rar. 3: 106 (1832)

Acanthaceae

LAO ສາຍມ້ວງພູຫີນ



- **Specimen(s):** 180 m (Z2135).
- **Notes:** Herbs to 1 m tall, growing in semi-evergreen forest; leaves petiolate, leaf blade margins entire or crenate; inflorescences spikes; bracts conspicuously hairy, white with green veins, oblong to lanceolate; corolla blue to light purple, tube cylindrical at the base; capsule clavate, 4-seeded.

Haplanthus laxiflorus (Blume) Gnanasek., G.V.S.Murthy & Y.F.Deng **Acanthaceae**

Blumea 61: 168 (2016) LAO ບັງໄພ



- **Specimen(s):** 160 m (Z2061).
- **Notes:** Herbs to 50 cm tall, much branched, found in dry evergreen forest and on limestone karst; leaves petiolate, leaf blades ovate, bases slightly attenuate and decurrent onto petioles; inflorescences axillary or terminal, racemose or paniculate, sometimes reduced to axillary clusters or clusters at the ends of long peduncles; corolla white, tube funnel-shaped at the base; capsule linear-cylindrical, 16–20-seeded.

Justicia oreophila C.B.Clarke **Acanthaceae**

J.D.Hooker, Fl. Brit. India 4: 526 (1885) LAO ພອງມິນ



- **Specimen(s):** 192 m (Z1804).
- **Notes:** Shrubs to 1.5 m tall, growing in evergreen forest; leaves petiolate, leaf blades relatively large, (10–)20–50 cm long; inflorescences terminal or axillary spikes, 4–9 cm long, with densely arranged white flowers; bracts broadly falcate to round-ovate.

Lepidagathis incurva Buch.-Ham. ex D.Don

Acanthaceae

Prodr. Fl. Nepal.: 119 (1825)

LAO ผักลิ้นขฆา



- **Specimen(s):** 191 m (Z2075).
- **Notes:** *Anisophyllous* herbs ca. 30 cm tall, growing in semi-evergreen forest; leaves petiolate, leaf blades ovate to elliptic or narrowly elliptic; inflorescences dense spikes, shorter than 4 cm; calyx 5-lobed, lobes heteromorphic; corolla white streaked with purple, 8–10 mm long. Govaerts (2026) treated the speies as a synonym of *Lepidagathis cephalotes* (Link) Kuntze var. *cephalotes*.

Nelsonia canescens (Lam.) Spreng.

Acanthaceae

Syst. Veg., ed. 16. 1: 42 (1824)

LAO แก้พิดๆ



- **Specimen(s):** 191 m (Z2074), 193 m (Z2309).
- **Notes:** Annual herbs, 10–30 cm tall, pubescent, creeping or decumbent, found in dry evergreen forest; leaves shortly petiolate, leaf blades elliptic to ovate, villous on both surfaces, without cystoliths; inflorescences spikes 1.5–4 cm long; corolla bluish purple; capsule conical, retinacula absent.

Neuracanthus tetragonostachyus Nees

Acanthaceae

N.Wallich, Pl. Asiat. Rar. 3: 97 (1832)

LAO จิ่นายก้อม



- **Specimen(s):** 160 m (Z2060).
- **Notes:** Perennial herbs or subshrubs to 1.3 m tall, growing in dry evergreen forest; leaves shortly petiolate to subsessile; inflorescences dense terminal spikes 1.5–8 cm long; bracts elliptic, with 5 conspicuous white lines; calyx distinctly bilabiate, with a 2-toothed anterior lip and a 3-toothed posterior lip; corolla blue with white lines.

Phaulopsis dorsiflora (Retz.) Santapau

Acanthaceae

Kew Bull. 3: 276 (1948)

LAO ໝາກເຜັດປ່າດອກຂາວ



- **Specimen(s):** 190 m (Z1957).
- **Notes:** Herbs 30–50 cm tall, growing in open grassland; leaves long-petiolate, leaf blade margins entire or crenate; inflorescences secund strobilate spikes; corolla white, ca. 6 mm long; capsule with retinacula; septa bearing retinacula separate from the inner wall of the mature capsule.

Pseuderanthemum graciliflorum (Nees) Ridl.

Acanthaceae

Fl. Malay Penins. 2: 591 (1923)

LAO ເຖົ້າຫຼັງລາຍ



- **Specimen(s):** 190 m (Z1985).
- **Notes:** Subshrubs or shrubs to 2 m tall, occasional in evergreen forest; leaves petiolate, leaf blades ovate-elliptic to oblong-lanceolate, margins entire or crenate; inflorescences racemes or thyrses to 30 cm long; rachis pubescent; flowers light purple or white, imbricate along the rachis.

Pseuderanthemum latifolium (Vahl) B.Hansen

Acanthaceae

Nordic J. Bot. 9: 213 (1989)

LAO ເຂັມທໍ້, ຫຍ້າພັນງູ, ຊ້າຫ້ອມ



- **Specimen(s):** 190 m (Z1958).
- **Notes:** Perennial herbs to 1 m tall, growing in dry evergreen forest; leaves petiolate, leaf blades elliptic, margins subentire to slightly undulate-crenulate, apices acuminate; inflorescences racemes, flowers light purple, spaced along the rachis.

Rungia khasiana T.Anderson

Acanthaceae

J. Linn. Soc., Bot. 9: 518 (1867)

LAO ปะดับภาบ



- **Specimen(s):** 193 m (Z2312).
- **Notes:** Perennial herbs to 50 cm tall, growing in semi-evergreen forest; leaves 2–8 × 1–4 cm; petioles 2–20 mm long; spikes 2-sided; bracts 8–10 × 4–5 mm, hairy on the abaxial surface, with hyaline-membranous, ciliate margins and acuminate to caudate apices; corolla white.

Rungia pectinata (L.) Nees

Acanthaceae

A.P.de Candolle, Prodr. 11: 470 (1847)

LAO ສັນພ້າ



- **Specimen(s):** 193 m (Z2310), 209 m (Z2195).
- **Notes:** Annual or perennial herbs, 20–50 cm tall, growing in sunny habitats; leaves oblong-elliptic, 1–4 × 0.4–1.4 cm; petioles 0–7 mm long; spikes axillary or terminal, 0.5–2 cm long, 1-sided, solitary or sometimes 2 or 3 in a compound inflorescence; bracts 4–5 × ca. 2 mm; corolla blue.

Strobilanthes namkadingensis Soulad. & Tagane

Acanthaceae

PhytoKeys 81: 13 (2017)

LAO ຫ້ອມນ້ຳກະດິງ



- **Specimen(s):** 146 m (L426).
- **Notes:** Shrubs 1.5 m tall; leaves anisophyllous, blades elliptic to ovate-elliptic; inflorescences spicate, terminal and axillary, 6–32-flowered; corolla yellow, funnel-shaped, 1.9–2.1 cm long. Although the type specimen label indicates it was collected from Nam Kading NPA, Bolikhamxay Prov., and was reported so (Souladeth *et al.* 2017), but actually it was from Phou Hin Poun NP, Khammouane Prov.; therefore it is included in our field guide.

Strobilanthes spirei (Benoist) Kladwong & Chantar.

Acanthaceae

Thai Forest Bull., Bot. 50: 184 (2022)

LAO ລົ້ນງ



- **Specimen(s):** 169 m (Z2005).
- **Notes:** Perennial herbs, isophyllous, creeping, found at the edge of evergreen forest; leaves lanceolate or oblong-lanceolate, apices attenuate to acuminate; petioles 1–8 mm long; inflorescences terminal spikes; calyx lobes linear, purplish red, hairy outside; corolla dark purple or bluish purple.

Thunbergia amphaii Suwanph., K.Khamm., D.J.Middleton & Suddee

Acanthaceae

Thai Forest Bull., Bot. 49: 58 (2021)

LAO ນ້ຳແມ່ກະດ່ຳ



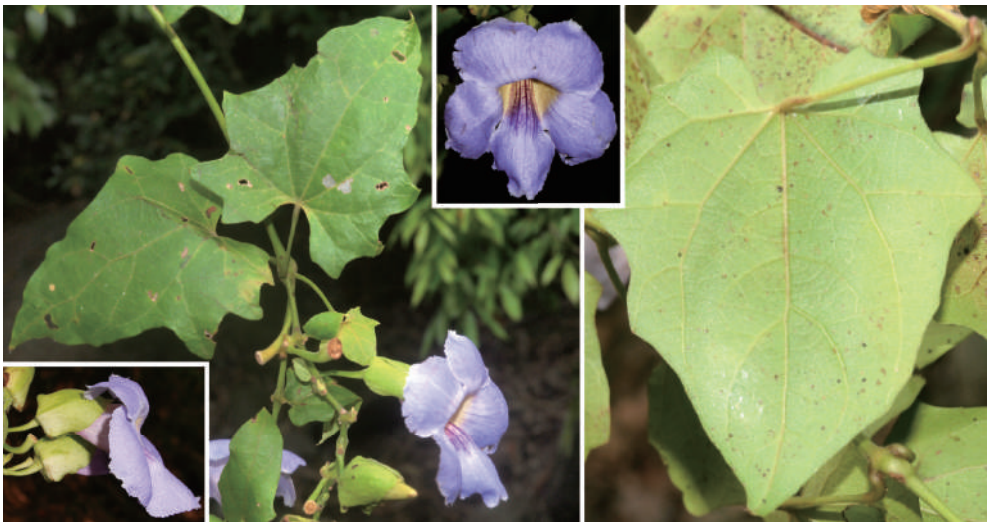
- **Specimen(s):** 213 m (Z1765), 282 m (L415).
- **Notes:** Climbers, occasional to locally common in seasonal evergreen forest; leaves shortly petiolate, leaf blades elliptic to oblong-obovate, apices acute to cuspidate, bases cuneate to attenuate, margins entire and decurrent onto the petioles; inflorescences terminal pseudo-umbels, 6–10-flowered; flowers creamy white to white.

Thunbergia laurifolia Lindl.

Acanthaceae

Gard. Chron. 1856: 260 (1856)

LAO ນ້ຳແມ້



- **Specimen(s):** 192 m (Z769).
- **Notes:** Woody climbers growing at the edges of semi-evergreen forest; leaf blades ovate-lanceolate, usually much longer than broad, up to 12 cm long, with narrowed, obtuse to cordate bases; inflorescences terminal racemes; flowers pedicellate, with pedicels 2–2.5 cm long; corolla blue to bluish purple or white.

Fernandoa collignonii (Dop) Steenis

Bignoniaceae

Blumea 23: 136 (1976)

LAO ແຄຫມາກແປ





- **Specimen(s):** 147 m (Z1234), 259 m (Z1608).
- **Notes:** Trees 5–8 m tall; leaves opposite, 1-pinnate, leaflets 3–6 pairs, glabrous; fruits cylindric, straight to slightly arcuate, with 6 prominent longitudinal ridges, valves thick.

Markhamia stipulata (Wall.) Seem.

Bignoniaceae

J. Bot. 1: 226. (1863)

LAO ແຄລາວ





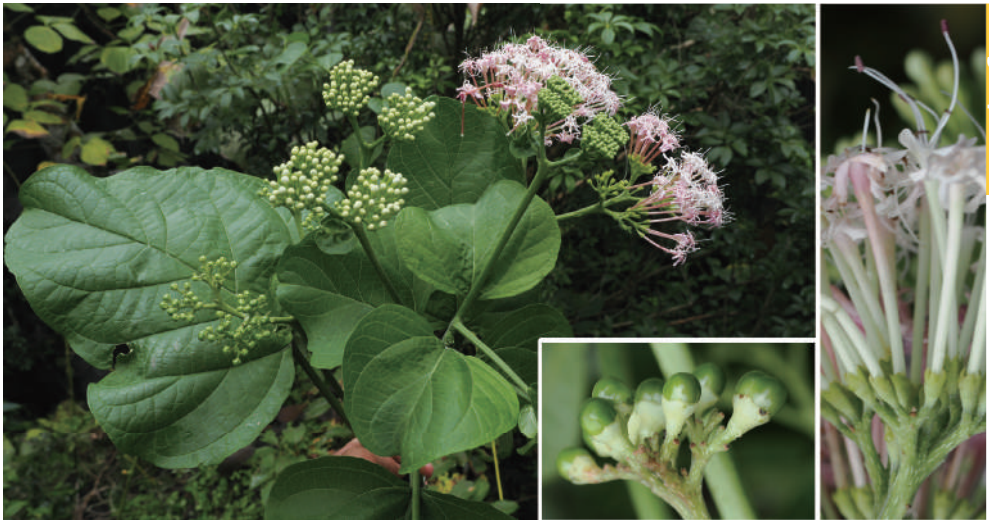

- **Specimen(s):** 171 m (Z2020), 177 m (Z2101), 209 m (Z2690).
- **Notes:** Deciduous trees, to 10 m tall, found in dry evergreen to semi-evergreen limestone forests; young branches, leaves, and peduncles yellow-brown pubescent; calyx tubular-campanulate, 5-lobed; fruits hairy; flowers yellow to reddish. The hairiness is variable, and individuals with a thick, woolly pubescent indumentum on calyx and capsule are referred to as var. *kerrii* Sprague.

Clerodendrum glandulosum Lindl.

Lamiaceae

Edwards's Bot. Reg. 30: t. 19 (1844)

LAO ພວງພີ້ຂາວ



- **Specimen(s):** 455 m (Z1903).
- **Notes:** Shrubs, to 1.5–3 m tall, with a characteristic foetid odor when twigs and leaves crushed; young branchlets quadrangular; leaves simple, opposite, entire; flowers white, borne in terminal cymes or thyrses.

Clerodendrum schmidtii C.B.Clarke

Lamiaceae

Bot. Tidsskr. 26: 173 (1905)

LAO ພວງພີ້ຊົ່ມ



- **Specimen(s):** 171 m (Z2013).
- **Notes:** Shrubs, to 2.5 m tall, pubescent; leaves ovate to elliptic, tomentose beneath; inflorescences paniculate, pendulous with slender stalk; corolla white; nutlets obovoid, pilose.

Colebrookea oppositifolia Sm.

Lamiaceae

Exot. Bot. 2: 111 (1806)

LAO ໜອດແມ່ຂາວ





- **Specimen(s):** 147 m (Z1236), 450 m (Z1109).
- **Notes:** Shrubs, 1–3 m tall, found in dried limestone valley; twigs and leaves densely lanate-tomentose; leaf blades opposite or in whorls of three; calyx 5-parted, with linear teeth, plumose in fruit.

Congea tomentosa Roxb.

Lamiaceae

Pl. Coromandel 3: 90 (1820)

LAO ດອກຂາເປ້ຍ, ດອກເປ້ຍ




- **Specimen(s):** 175 m (Z2115), 242 m (L452).
- **Notes:** Woody climbers; young branchlets yellowish tomentose; leaf blades elliptic to ovate, papery, pilose beneath, entire, with prominent veins; inflorescences cymose, 5–10-flowered, with purple bracts; flowers with funnel-shaped calyx, tubular corolla, and exserted stamens.

Orthosiphon aristatus (Blume) Miq.

Lamiaceae

Fl. Ned. Ind. 2: 943 (1858)

LAO ຫຍ້າອີຕຸ່ດີງ



- **Specimen(s):** 175 m (Z2615), 179 m (Z1533).
- **Notes:** Perennial herbs to 1 m tall, scattered in forest edge, thickets beside crop field; leaf blades rhombic to ovate, margin dentate to crenate; flowers white to purplish, with long filaments.

Premna coriacea C.B.Clarke

Lamiaceae

J.D.Hooker, Fl. Brit. India 5: 573 (1888)

LAO ຕາມກ້ຶງ



- **Specimen(s):** 455 m (Z1215), 455 m (Z1918).
- **Notes:** Scandent shrubs, branchlets hairy when young, soon glabrous; leaves opposite; blades oblong-ovate, entire, glabrous; flowers creamy white, in terminal cymes; calyx puberulous; corolla hairy.

Premna pubescens Blume

Bijdr. Fl. Ned. Ind.: 816 (1826)

Lamiaceae

LAO ຄ້ອນກະແຕ້ຂົນ







- **Specimen(s):** 330 m (L949).
- **Notes:** Scrambling shrubs, scattered along streamside, at thickets near agricultural land. This species is readily distinguished by its oppostie leaves and densely pubescent young branches, leaves, and inflorescences.

Sphenodesme ferruginea (Griff.) Briq.

H.G.A.Engler & K.A.E.Prantl, Nat. Pflanzenfam. 4(3a): 181 (1895)

Lamiaceae

LAO ເຄືອຟ້າຮ້າງ





- **Specimen(s):** 180 m (Z2165), 450 m (Z1107).
- **Notes:** Climbing shrubs, found at evergreen forest edges in limestone area; leaves opposite, short petiolate, ferruginous-tomentose; inflorescences capitate cymes, 7-flowered, subtended by a whorl of 6 prominent yellow involucral bracts.

Sphenodesme mekongensis Dop

Bull. Soc. Bot. France 61: 318 (1914 publ. 1915)

Lamiaceae

LAO ຈ້ຽອາງຫວ່ຽໄຂ່



- **Specimen(s):** 434 m (Z1099).
- **Notes:** Scrambling shrubs; characterized by its relatively long, slender peduncles and the persistent calyx that remains attached to the fruit.

Vitex peduncularis Wall. ex Schauer

A.P.de Candolle, Prodr. 11: 687 (1847)

Lamiaceae

LAO ຕີນນົກ



- **Specimen(s):** 154 m (Z2450), 190 m (Z2656).
- **Notes:** Trees 5–15 m tall, occasional in semi-evergreen forest and dry deciduous forest; leaves 3-foliolate; inflorescences thyrse; flowers white; fruits subglobose, black.

Vitex tripinnata (Lour.) Merr.

Lamiaceae

Trans. Amer. Philos. Soc., n.s., 24(2): 335 (1935)

LAO ແມ່ງກະເບື້ອຕີນຮຸ້ງ



- **Specimen(s):** 161 m (Z2421), 259 m (Z1601).
- **Notes:** Shrubs or small trees, 4–8 m tall; leave 3-foliolate, leaflets narrowly elliptic to ovate, yellow glandular; inflorescences paniculate; flowers yellow to purplish, with exserted stamens; fruits globose, green when young, black when mature.

Aeginetia indica L.

Orobanchaceae

Sp. Pl.: 632 (1753)

LAO ດອກດິນ



- **Specimen(s):** 154 m (Z1882), 259 m (Z1599).
- **Notes:** Holoparasitic herbs, found in evergreen broad-leaved forest floor near stream in limestone area; flowers solitary; calyx acute or acuminate at apex; corolla purplish to maroon.

Gomphandra laotica Soulad., V.S.Dang & Tagane

Stemonuraceae

J. Jap. Bot. 100: 295 (2025)

LAO ຕີໝີລາວ



- **Specimen(s):** 146 m (L428), 458 m (Z814).
- **Notes:** Small trees ca. 5 m tall, found in semi-evergreen forest on limestone hill slopes; described based on our collections from Phou Hin Poun National Park (Souladeth *et al.* 2025a). It is so far considered endemic to Phou Hin Poun and its adjacent area, Nam Kading, at 140–460 m elev. (Souladeth *et al.* 2025b).

Gomphandra tetrandra (Wall.) Sleumer

Stemonuraceae

Notizbl. Bot. Gart. Berlin-Dahlem 15: 238 (1940)

LAO ໝຸ ຜາ



- **Specimen(s):** 169 m (Z2008), 190 m (Z1975), 192 m (Z1795), 435 m (Z980).
- **Notes:** Shrubs or small trees, 1.5–3 m tall, found in semi-evergreen forests; drupes oblong-ellipsoid, 1–2 × 0.5–1 cm, hardly swollen at the base, white when mature.

Gonocaryum lobbianum (Miers) Kurz

Cardiopteridaceae

J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 39: 72 (1870)

LAO ແສນເມືອງ, ກ້ານເຫຼືອງ





- **Specimen(s):** 154 m (Z1883), 156 m (Z2547), 191 m (Z2281).
- **Notes:** Shrubs or small trees 3–5 m tall, common in secondary semi-evergreen forest at limestone; petioles stout, 1–2 cm long, yellow-green; leaves oblong to elliptic, sometimes obovate, shiny, leathery; flowers dioecious, petals greenish-white; fruits drupaceous, black at maturity, 1-seeded.

Chromolaena odorata (L.) R.M.King & H.Rob.

Asteraceae

Phytologia 20: 204 (1970)

LAO ຫຍ້າໝາເຫຼືງ, ຫຍ້າຂີ້ວ







- **Specimen(s):** 174 m (Z1465), 180 m (Z2184).
- **Notes:** Perennial herbs to 3 m tall; native to Tropical and Subtropical America, naturalised in disturbed sites, such as roadsides, crop fields, semi-evergreen forest and its margins, *Hopea* plantation; leaves odorous when crushed.

Heptapleurum karsticola Kongx., Tak.Yamam. & Tagane

Araliaceae

Phytotaxa 737: 4 (2026)

LAO ต้างผาหอม







- **Specimen(s):** 420 m (Z2412), 435 m (Z1201), 455 m (Z1204, Z1210).
- **Notes:** Deciduous small shrubs, up to 4 m tall, glabrous all over, with a pleasant smell when crushed. This species was described y Kongxaisavath *et al.* (2026) based on our collections; so far known only from the open limestone karst in Phou Hin Poun National Park.

Heptapleurum subintegrum (Craib) G.M.Plunkett & Lowry

Araliaceae

Novon 28: 167 (2020)

LAO ກ້ຳນຫອມລຳພັນ





- **Specimen(s):** 458 m (Z817).
- **Notes:** Trees, sometimes straggling or creeping to semi-epiphytic, much branched; stems aromatic in all parts; leaflets 7–10, elliptic-obovate; stamens 16–30; ovary 14–29-locular; found in evergreen forest by streams.

Trevesia laotica Kongx., Soulad. & Tagane

Araliaceae

Phytotaxa 737: 7 (2026)

LAO ຜັກໜາມຕົ້ນ



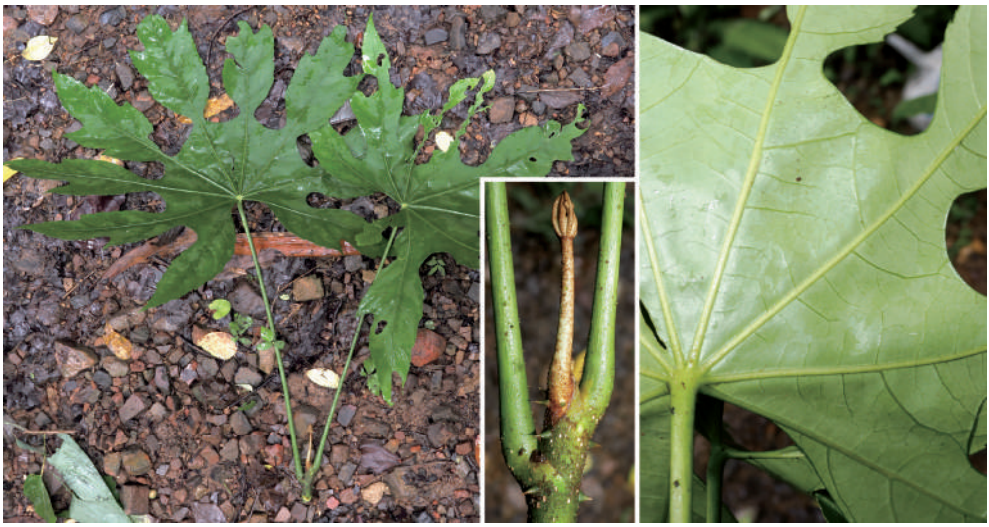
- **Specimen(s):** 453 m (Z2365), 458 m (Z798)
- **Notes:** Similar to *T. palmata* but easily distinguished by its leaves palmately compound with 5–9 leaflets; stamens 7; ovary 7-locular; described as a new species from Laos based on our collections, and so far known only from central Laos (Kongxaisavath *et al.* 2026).

Trevesia palmata (Roxb. ex Lindl.) Vis.

Araliaceae

Mem. Reale Accad. Sci. Torino, ser. 2, 4: 262 (1842)

LAO ຕ້າງຫຼວງ



- **Specimen(s):** 209 m (Z2669).
- **Notes:** Treelets to trees, up to 8 m tall; stems armed with prickles, leaves alternate, blades palmately 5–9-lobed, 60–90 cm long; stamens 7–12; ovary 7–12-locular.

Landscape Photos



A limestone hill with semi-evergreen forest and deciduous scrub, with a seasonal stream at the foot of the hill (164 m elev., 26 June 2025).



Phou Pha Marn limestone mountain in the rainy season, with vegetation bearing fresh green foliage (455 m elev., 7 September 2023).



Phou Pha Marn limestone mountain, showing deciduous scrub on the ridge and dry evergreen forest in the valley. On limestone ridges, almost plant species, such as *Falconeria insignis*, *Firmiana laotica*, and *Melastoma souladethianum* shed leaves during dry season (454 m elev., 8 March 2025).



Dry evergreen forest at the foot of a limestone mountain, dominated by *Celtis philippensis*, *Hopea ferrea*, *Hopea helferi*, *Hunteria zeylanica, Rinorea bengalensis*, *Diospyros* spp. etc. (396 m elev., 8 March 2025).



Disturbed evegreen forest with a plantation of *Hopea odorata*, at the foot of a limestone mountain (172 m elev., 4 September 2024).



Semi-evergreen forest, commonly distributed at 150–300 m elevation (205 m elev., 7 september 2024).

Field Photos


















FOF Herbarium



The Herbarium of the Faculty of Forest Science, National University of Laos, registered under the acronym "FOF" in the Index Herbariorum (Thiers 2026 continuously updated), has served as a national centre for plant biodiversity research, education, and conservation since its establishment in 2000. The collection currently comprises more than 10,000 voucher specimens, representing around 3,500 species, approximately 50% of the known flora of Laos. Special focus is given to native, rare, and endemic taxa from diverse habitats, including lowland forests, montane ecosystems, wetlands, and limestone karsts.



FOF actively engages in national and international botanical collaborations, and maintains specimen-exchange programs with institutions in Japan (FU, KAG, TNS, KYO), Vietnam (VNM), Thailand (BKF, QBG), Cambodia (RUPP), South Korea (KB), France (P), and the United Kingdom (E). These partnerships support taxonomic studies, herbarium development, and comparative plant research.

The herbarium has played a key role in documenting over 70 species new to science, with type specimens deposited at FOF. These discoveries have resulted from fieldwork conducted across the country, e.g. Bolaven Plateau, Nam Kading NPA, Phou Khao Khouay NP, Dong Hua Sao NP, Phou Hin Poun NP, and the limestone karsts of central and northern Laos.

FOF continues to support Laos's national flora projects by expanding collections, enhancing regional and international collaborations, and building national expertise in taxonomy and conservation. It remains an essential resource for biodiversity research, education, and sustainable forest management.







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Introduction to the floristic diversity of Phou Hin Phoun National Park

This photographic guide presents the diversity of vascular plants in Phou Hin Poun National Park, one of the largest limestone areas in the country. Based on 1,780 specimens collected during 35 days of field surveys conducted between 2016 and 2025, the book provides a visual and taxonomic overview of the flora recorded in the national park. This guide aims to encourage closer observation and appreciation of the diverse plant life of Phou Hin Poun National Park and to provide a foundation for future botanical research. It will also contribute to the training of future botanists and to the conservation of the park's unique limestone ecosystems.

CONTENTS INCLUDE:

- 454 vascular plant species (in 100 families and 318 genera)
- Photographs of habits, vegetative and reproductive organs
- Scientific names, Lao names, and observation notes

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