

THE TAXONOMIC REVISIONS OF  
THE FAMILY LAURACEAE IN  
TAIWAN

JIH-CHING LIAO

台灣樟科植物之學名訂正

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of China  
December 1st, 1988.

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農學院森林學系

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Publisher: Professor, Jih-ching Liao

Public address: Graduate institute of Forestry, College of Agriculture, National Taiwan University, Taipei, Taiwan, 10764, Republic of China

Private address: 3F, No. 9, Alley 158, Lane 30, Yong chi Road, Chuongshan district, Taipei, Taiwan, 10541, Republic of China.

Issued on Dec. 1st. 1988.

台灣樟科植物之學名訂正

出版者：廖日京教授

(公)：台北市 10764 羅斯福路四段一號

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郵政劃撥：01172839 廖日京戶

印刷者：台北市新生南路三段 84 號 2 樓

萬達打字印刷有限公司

電話：(02)3639367 • 3627718

版權所有 • 翻者必究

中華民國七十七年十二月一日出版

計綱名稱

國家科學委員會 NSC 75-0409-B002-44

台灣維管束植物分類之研究(樟科)

The author wishes to express his thanks to National Council on Science for the support of this study in 1986, also thanks to Dr. Sumihiko Hatusima, Professor, Department of Forestry, Kagoshima University, Japan, for his kind advices, corrections and suggestions.

本文 承行政院國家科學委員會在民國七十五年提供研究經費暨支持，又 蒙日本九州鹿兒島大學林學科榮譽教授 初島住彥博士提供資料、啟示暨指導，作者在此敬致謝意。

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## II. Strained list of the Lauraceae in Taiwan

### 樟科植物系統目錄

A1. Arborescent. Leaves large, normal . . . . . 1. Subfamily Lauroideae Kosterm.

#### 樟亞科

B1. Inflorescences paniculate; flowers in umbel, without bracts . . . . . 1. Tribe Perseae

#### Mez. 酪梨族

C1. Anthers 4-celled. . . . . 1. Subtribe Perseineae Kosterm. 酪梨亞族

D1. Fruit larger, ellipsoid to globose, sarcocarp thick. . . . . 1. Genus *Persea*

Mi'. 酪梨屬 . . . . . 第12屬

\*P. americana Mill. 酪梨 . . . . . (1a)

\*P. americana Mill. var. *drymifolia* (Schl. & Cham.) Blake 墨西哥酪梨 (1b)

D2. Fruit smaller, compressed globose, sarcocarp none. 2. Genus *Machilus*

Nees 檳楠屬 . . . . . 第10屬

E1. Perianth glabrous outside. . . . . 1. Section. *Glabriflorae* S. Lee 光花節

F1. Inflorescences 5 cm long or more longer. . . . . 1. Subsect.

*Elongatae* S. Lee 長序亞節

M. japonica S. & Z. 假長葉楠 . . . . . (1a)

M. japonica S. & Z. var. *kusanoi* (Hay.) Liao 大葉楠 . . . . . (1b)

M. thunbergii S. & Z. 豬腳楠 . . . . . (5)

F2. Inflorescences 1-4 cm, shorter. . . . . 2. Subsect. *Brachythyrseae*

S. Lee 短序亞節

M. obovatifolia (Hay.) Kaneh. & Sasak. 恒春檳楠 . . . . . (3)

E2. Perianth with soft silky hairs outside. . . . . 2. Sect. *Pubiflorae*

S. Lee 毛花節

F1. Subsect. *Bombycinae* S. Lee 香楠亞節

M. konishii Hay. 小西氏楠 . . . . . (2)

M. philippinensis Merr. 菲律賓楠 . . . . . (4)

M. zuihoensis Hay. 香楠 . . . . . (6a)

M. zuihoensis Hay. var. *mushaensis* (Lu) Y. C. Liu 青葉楠 . . . . . (6b)

D3. Fruit smaller, ellipsoid, sarcocarp none . . . . . 3. Genus *Phoebe* Nees

雅楠屬 . . . . . 第13屬

E1. Sect. *Caniflorae* Meissn. 毛花節

P. formosana (Mats. & Hay.) Hay. 台灣雅楠 . . . . . (1)

C2. Anthers 2-celled. . . . . 2. Subtribe *Beilschmiedieae* Kosterm. 瓊楠亞族

\*Introduced species.



- D1. Leaves alternate. Stalks of fruit enlarged thickened and red. . . 1. Genus  
Dehaasia B1. 腰果楠屬 ..... 第 5 屬
- D. incrassata (Jack.) Kosterm. 腰果楠 ..... (1)
- D2. Leaves opposite. Stalks of fruit without enlarged. . . . . 2. Genus  
Beilschmiedia Nees 瓊楠屬 ..... 第 1 屬
- B. erythrophloia Hay. 瓊楠 ..... (1)
- B. tsangii Merr. 華河瓊楠 ..... (2)
- D3. Leaves alternate. Stalks of fruit without enlarged. . . . . 3. Genus  
Endiandra R. Br. 三蕊楠屬 ..... 第 6 屬
- E. coriacea Merr. 三蕊楠 ..... (1)
- B2. Inflorescences paniculate, without bracts. . . . 2. Tribe Cinnamomeae Baill. 樟族
- C1. Anthers 4-celled. . . . . 1. Subtribe Cinnamomeinae Kosterm. 樟亞族
- D1. Leaves entire. Anthers of 3rd circle of stamens extrorse. . . . 1. Genus  
Cinnamomum Trew 樟屬 ..... 第 3 屬
- E1. Scales of bud distinct. Leaves alternate, with 3 main veins (rarely  
pinnately veins), often marked glands in the vein axils. Tepals  
perfectly deciduous when fruiting. . . . 1. Sect. Camphora (Trew)  
Meissn. 樟節
- C. camphora (L.) Presl. var. camphora 樟樹 ..... (2a)
- C. camphora (L.) Presl. var. nominale Hay. ex Matsum. & Hay. 桫欏樹. (2b)
- C. micranthum (Hay.) Hay. 牛樟 ..... (6)
- E2. Scales of bud naked to indistinct. Leaves nearly opposite, with  
3 main veins, without glands in the vein axils. Tepals persistent  
to partly deciduous. . . . . 2. Sect. Cinnamomum 肉桂節
- C. austro-sinense H. T. Chang 野牡丹葉肉桂 ..... (1)
- \*C. cassia Presl. 肉桂 ..... (3)
- C. insulari-montanum Hay. 台灣肉桂 ..... (4)
- C. kotoense Kaneh. & Sasak. 蘭嶼肉桂 ..... (5)
- C. osmophloeum Kaneh. 土肉桂 ..... (7)
- C. reticulatum Hay. 土樟 ..... (8)
- C. rigidissimum H. T. Chang 小葉樟 ..... (9)
- C. subavenium Miq. 香桂 ..... (10)
- C. tenuifolium Sugimoto form. nervosum (Meissn) Hara 天竺桂... (11)
- \*C. verum J. S. Presl. 錫蘭肉桂 ..... (12)
- D2. Leaves entire to 2-3 lobed. Anthers of stamen all introrse. . . . 2. Genus  
Sassafras Trew 檫木屬 ..... 第 14 屬

- S. randaiense (Hay.) Rehd. 台灣檫木 ..... (1)
- B3. Inflorescences pseudo-umbels, bracts persistent. .... 3. Tribe Litseae
- Mez. 木薑子族
- C1. Anthers 4-celled. .... 1. Subtribe Litseinae Kosterm. 木薑子亞族
- D1. Leaves usually with pinnately veins. Tepals 6, perfect stamens 9.  
..... 1. Genus Litsea Lam. 木薑子屬..... 第9屬
- E1. Bracts indistinct, imbricate arranged, deciduous. .... 1. Subgenus  
Actinodaphne (Nees) Liao stat. nov. 黃肉樹亞屬
- L. acuminata (Bl.) Kurata 長葉木薑子 ..... (1)
- L. hypophaea Hay. 黃肉樹 ..... (8)
- L. morrisonensis Hay. 玉山木薑子 ..... (10)
- E2. Bracts distinct, decussate opposite arranged, persistent. .... 2. Subgenus Litsea 木薑子亞屬
- F1. Leaves deciduous. .... 1. Sect. Tomingodaphne (Bl.)  
Hook. 落葉節
- L. cubeba (Lour.) Pers. 山胡椒 ..... (4)
- F2. Leaves evergreen.
- G1. Perianth imperfect or lacking. .... 1. Sect. Litsea  
木薑子節
- L. glutinosa (Lour.) C. B. Rob. 潺槁木薑子 ..... (Is. Kingmen)
- G2. Perianth present, perfect.
- H1. Receptacle flattened at the top. .... 2. Sect. Conodaphne (Bl.) Benth. & Hook. f. 平托節
- L. coreana Lévl. 鹿斑皮木薑子 ..... (4)
- L. lii C. E. Chang 李氏木薑子 ..... (9a)
- L. lii C. E. Chang var. nunkao-tahangensis Liao 能漢木薑子 ..... (9b)
- L. rotundifolia Hemsl. var. oblongifolia (Nees) Allen 橢圓葉木薑子 ..... (12)
- H2. Receptacle cup-like at the top. .... 3. Sect. Cylcodaphne (Nees) Hook. f. 杯托節
- L. acutivena Hay. 銳脈木薑子 ..... (2)
- L. akoensis Hay. var. akoensis 屏東木薑子 ..... (3a)
- L. akoensis Hay. var. chitouchiaoensis Liao 竹頭角木薑子 ..... (3b)
- L. akoensis Hay. var. sasakii (Kamikoti) Liao 狹葉木薑子 ..... (3c)
- L. elongata (Wall. ex Nees) Benth. & Hook. f. var. mushaensis (Hay.)  
Liao stat. nov. 霧社木薑子 ..... (6a)
- L. elongata (Wall. ex Nees) Benth. & Hook. f. var. mushaensis (Hay.)  
Liao form. postiglabra Liao form. nov. 滑枝和社木薑子 ..... (6aa)

- L. *garciae* Vidal. 蘭嶼木薑子 ..... (7)
- L. *perrottetii* (Bl.) F. Vill. 佩羅特木薑子 ..... (11)
- D2. Leaves with 3 main veins distinct or indistinct. Tepals 4, perfect stamens 6. .... 2. Genus *Neolitsea* Merr.  
 新木薑子屬 ..... 第 11 屬
- E1. Networks of veinlet of old leaf flattened or rarely concaved above ..... 1. Sect. *Retisupraplana* Liao sect. nov. 細網狀脈上平節 (*Reticula folii veteris supra plana vel raro concarva*)
- F1. Leaves without secondary veins beneath, but rarely except in *N. aciculata* p.p. .... 1. Subsect. *Nonsecundinervatae* Liao subsect. nov. 無後生細脈亞節 (*Folia subtus non venulae secundariae*)
- N. *aciculata* (Bl.) Koidz. 銳葉新木薑子 ..... (1a)
- N. *acuminatissima* (Hay.) Kaneh. & Sasak. 高山新木薑子 ..... (2)
- N. *daibuensis* Kamikoti 大武新木薑子 ..... (4)
- F2. Leaves with parallel secondary veins beneath. .... 2. Subsect. *parallelinervatae* Liao, subsect. nov. 平行細脈亞節 (*Folia subtus cum venulis secundariis parallelis*)
- N. *aciculata* (Bl.) Koidz. var. *variabilissima* (Hay.) J. C. Liao 變葉新木薑子 ..... (1b)
- N. *hiiranensis* Liu & Liao 南仁新木薑子 ..... (5)
- N. *konishii* (Hay.) Kaneh. & Sasak. 五掌楠 ..... (6)
- E2. Networks of veinlet of old leaf usually elevated, rarely flattened above. .... 2. Sect. *Retisupraelevata* Liao sect. nov. 細脈狀脈上隆節 (*Reticula folii veteris supra plana ad elevata*)
- F1. Networks of veinlet of old leaf very elevated above. .... 1. Subsect. *Valdelevatae* Liao, subsect. nov. 高隆細脈亞節 (*Reticula folii veteris supra valde elevata*)
- N. *buisanensis* Yamam. & Kamikoti 武威新木薑子 ..... (3a)
- N. *buisanensis* Yamam. & Kamikoti form. *sutsuoensis* Liao 石厝新木薑子 ..... (3b)
- N. *parvigemma* (Hay.) Kaneh. & Sasak. 小芽新木薑子 ..... (7)
- F2. Networks of veinlet of old leaf somewhat elevated to flattened above. .... 2. Subsect. *Parumelevatae* Liao, subsect. nov. 低隆細脈亞節 (*Reticula folii veteris supra leviter elevata ad plana*)
- N. *sericca* (Bl.) Koidz. var. *sericea* 白新木薑子 ..... (8a)

- N. sericea (Bl.) Koidz. var. aurata (Hay.) Hatusima 金新木薑子... (8b)
- N. villosa (Bl.) Merr. 蘭嶼新木薑子 ..... (9)
- C2. Anthers 2-celled. .... 2. Subtribe Lauriineae Kosterm. 月桂亞族
- D1. Perfect stamens 9. .... 1. Genus *Lindera* Th. 釣樟屬
- E1. Subgenus *Lindera* 釣樟亞屬
- F1. Leaves deciduous large, 14-23 cm long, 4-10cm broad.  
Receptacle cup-like at the top. ... 1. Sect. *Cupuliformes* H. P. Tsui 杯托節
- L. megaphylla Hemsl. 大香葉樹 ..... (6)
- F2. Leaves deciduous, smaller, 3-10 cm long, 2-3.5 cm broad.  
Receptacle flattened at the top. .... 2. Sect. *Lindera*  
釣樟節
- L. erythrocarpa Mak. 鐵釘樹 ..... (4)
- L. glauca (S. & Z.) Bl. 白葉釣樟 ..... (5)
- F3. Leaves evergreen to deciduous. Flower with numerous glands. .... 3. Sect. *Polyadenia* (Nees) Benth. 多腺節
- L. communis Hemsl. 香葉樹 ..... (3)
- L. akoensis Hay. 肉芫子 ..... (2)
- F4. Leaves with 3 main veins, without other's lateral veins.  
..... 4. Sect. *Daphnidium* (Nees) Benth. 三出版節
- L. aggregata (Sims) Kosterm. form. aggregata 天台烏藥 ..... (1a)
- L. aggregata (Sims) Kosterm. form. playfairii (Hemsl.) Liao  
小葉烏藥 ..... (1b)
- D2. Perfect stamens 12 or more. .... 2. Genus *Laurus* Linn.  
月桂屬.....第7屬
- \*L. nobilis Linn. 月桂 ..... (1)
- B4. Fruit enclosed in enlarged perianth. .... 4. Tribe *Cryptocaryae* Meissn.  
厚殼桂族
- C1. Anthers 2-celled. .... 1. Subtribe *Cryptocaryineae* Kosterm.  
厚殼桂亞族
- D1. Genus *Cryptocarya* R. Br. 厚殼桂屬.....第4屬
- C. chinensis (Hance) Hemsl. 厚殼桂 ..... (1)
- C. concinna Hance 土楠 ..... (2)
- C. elliptifolia Merr. 菲律賓厚殼桂 ..... (3)
- A2. Twining parasitic herbs. Leaves reduced to scales or none. ... 2. Subfamily *Cassythoideae*  
無根草亞科
1. Genus *Cassytha* Linn. 無根草屬.....第2屬
- C. filiformis Linn. 無根草 ..... (1)

III. References concerning to Family, Tribes, Subtribes and genera, their distributed places also are registered

Family. LAURACEAE Lindl. Veg. Kingd. 535. 1847; Meissn. in DC. Prodr. 15(1): 1. 1864.

樟科

*Lauri* B. Juss. in Hort. Trianon 1759 & ex Jussieu, Gen. 68 & 80, 1789.

*Laurinae* Vent. Tabl. 2: 245. 1799; Nees, Syst. Laurin, 1: 1836.

*Laurineae* Juss. in Ann. Mus. Paris 6: 199. 1809; Endl. Gen. 315. 1837; Benth. in Benth. & Hooker f. Gen. 3: 146. 1880.

1. Subfam. LAUROIDEAE Kosterm. Kosterm. in Comm. For. Res. Inst. Bogor 57: 32. 1957; Kosterm. in Reinwardtia 4: 224. 1957. 樟亞科

1. Trib. PERSEAE Mez, Mez, in Jahrb. Bot. Gart. Berlin 5: 3. 1889; Kosterm. in Comm. For. Res. Inst. Bogor 57: 32. 1957; Kosterm. in Reinwardtia 4: 224. 1957. 酪梨族

1. Subtrib. PERSEINEAE Kosterm. Kosterm. in Comm. For. Res. Inst. Bogor 57: 33. 1957; Kosterm. in Reinwardtia 4: 225. 1957. 酪梨亞族

1. PERSEA Mill. 酪梨屬

[Plum. ex Linn. Gen. ed. 1. 94. 1737]; Mill. Gard. Dict. Abr. ed. 4. 1754, nom. cons.; Boehmer, in Ludwig, Defin. 36. 1760; Mill. Gard. Dict. ed. 8. 1768; Gaertn. f. Fruct. 3: 222, t. 221. 1805; Meissn. in DC. Prodr. 15(1): 43. 1864; Benth. in Benth. & Hook. f. Gen. Pl. 3: 156. 1880; Hemsl. Biol. Centr. Am. Bot. 3: 71, 1882; Mez, in Jahrb. Bot. Gart. Berlin 5: 134, 1889; Dalla Torre & H. Harms, Gen. Siphonog. 176. 1905; Kosterm. in Meded. Bot. Mus. Utrecht 25: 12. 1936; Allen, in Journ. Arn. Arb. 26(3): 282. 1945; Bailey, Man. Cult. Pl. 422. 1948; Carroll E. Wood in l. c. 39(3): 215. 330. 1955; Liu, Lign. Pl. Taiwan 145. 1972; Fl. Reip. Popul. Sinic 31: 4. 1984.

*Farnesia* Heist. ex Fabricius, Enum. Pl. Horti, Helmstad. ed. 2. 1763.

About 50 species, nearly in Northern and Southern America, few in tropical Asia. Cultivated in China.

2. MACHILUS Nees 檳楠屬

Nees, in Wall. Pl. Asiat. Rar. 2: 61 & 70, 1831; Syst. Laur. 20. 122. & 171. 1836; Meissn. in DC. Prodr. 15(1): 4 & 39. 1864; Benth. & Hook. f. Gen. Pl. 3: 156. 1880; Pax in Engl. Prantl. Nat. Pflanzenfam. 3: 115, 1889; Dalla Torre & H. Harms, Gen. Siphonog. 176.

1905; Lec. in Nouv. Arch. Mus. Hist. Nat. Paris, 5, Ser. 5: 98. 1913; Liou, Laur. Chine. & Indoch. 44. 1932 & 1934; Chen, Illustr. Man. Chine. Tree, Shrub. 338 1937; Kosterm. in Journ. Sc. Res. Indonesia 1: 91, 116. 1952; Liu, Lign. Pl. Taiwan 140, 1972; Fl. Reip. Sinic. Popul. 31: 7, 1984.

About 100 species, in East-Southern and East tropical to subtropical Asia.

### 3. **PHOEBE** Nees 雅楠屬

Nees in Wall. Pl. Asiat. Rar. 2: 61 & 70, 1831; Syst. Laur. 20 & 98. 1836; Meissn. in DC. Prodr. 15(1): 4. & 29. 1864; Benth. & Hook. f. Gen. Pl. 3: 157, 1880 (subgenus); Pax, in Engl. Prantl. Nat. Pflanzenfam. 3(2): 115, 1889; Dalla Torre & H. Harms, Gen. Siphonog. 176, 1905; Liou, Laur. Chine & Indoch. 61. 1932 & 1934; Chen, Illustr. Man. Chine. Tree, Shrub. 344. 1937; Chang, in Fl. Taiwan 464 1976; Fl. Reip. Popul. Sinic. 31: 89. 1984.

*Menestrata* Vell. Fl. Flumin. 199. 1825; 5: t. 2. 1827.

About 94 species, in tropical and subtropical Asia and America.

2. Subtrib. **BEILSCHMIEDIINEAE** Kosterm. 瓊楠亞族 Kosterm. in Comm. For. Res. Inst. Bogor 57: 36. 1957; Kosterm. in Reinwardtia 4: 228. 1957.

### 4. **DEHAASIA** Bl. 腰果楠屬

Blume, Rumphia 1(8): 161, t. 44. 45. 1835; Endl. Gen. Pl. 317. 1837; Meissn. Gen. 326(238). 1841; et in DC. Prodr. 15(1): 59. 1864; Benth. & Hook. f. Gen. Pl. 3: 152, 1862; Pax, in Engl. Prantl. Nat. Pflanzenfam. 3(2): 120, 1889; Dalla Torre & H. Harms, Gen. Siphonog. 178. 1905; Kosterm. in Reinwardtia 4: 238, 1957; et in Bot. Jahrb. Syst. 93(3): 427. 1973; Fl. Hainan 1: 275, 1964; Liu, Lign. Pl. Taiwan 146. 1972; Chang, in Fl. Taiwan 424. 1976; Fl. Reip. Popul. Sinic. 31: 120, 1984.

*Haasia* Nees, Syst. Laur. 25. 354. 372. 675, 1836; Miq. Fl. Ind. Bat. 1: 928, 1858; Meissn. in DC. Prodr. 15(1): 59 1864; Lec. Fl. Gen. Indoch. 5: 150, 1914.

*Cyanodaphne* Bl. Mus. Bot. Lugd.-Bat. 1: 333. 1851.

About 35 species, from Burma, Thailand, Central and Southern peninsula (Vietnam, Laos and Cambodia etc.) to Archipelago Malaysia.

### 5. **BEILSCHMIEDIA** Nees 瓊楠屬

Nees, in Wall. Pl. Asiat. Rar. 2: 61 & 69. 1831; Syst. Laur. 21. 192. 197. 1836; Meissn. in DC. Prodr. 15(1): 14 & 72, 1864; Benth. & Hook. f. Gen. Pl. 3: 152. 1880; Pax in Engl. Prantl. Nat. Pflanzenfam. 3(2): 107 & 120. 1889; Dalla Torre & H. Harms, Gen. Siphonog.

178. 1905; Chen, Illustr. Man. Chine. Tree. Shrub. 350, 1937; Hutch, Gen. Pls. 1: 130, 1964; Liu, Lign. Pl. Taiwan 147, 1972; Chang, in Fl. Taiwan 407, 1976; Fl. Reip. Popul, Sinic. 31: 123, 1984.

*Hufelandia* Nees, Pl. Laurin. 11. 1833; Pl. Laurin. Expos. 187. 674, 1836; Syst. Laurin. 187 & 674, 1836.

*Nesodaphne* Hook. f. Fl. Novae Zeland. 1: 217, 1853.

*Wimmeria* Nees ex Meissner, in DC. Prodr. 15(1): 65 1864.

*Bielschmeidia* Panther & Sebert, Not. Bois, Nouv. Caledon 176. 1874.

*Lauromerrillia* Allen, in Journ. Arn. Arb. 23: 460, 1942.

About 200 species, chiefly in tropical Africa, East-Southern Asia, America. Pacific Islands and Australia to New Zealand.

## 6. ENDIANDRA R. B. 三蕊楠屬

R. Br. Prodr. Nov. Holl. 402. 1810; Endl. Gen. Pl. 318, 1837; Meissn. Gen. 325(238), 1841; et in DC. Prodr. 15(1): 78, 1864; Benth. & Hook. f. Gen. Pl. 3: 154, 1862; Baillon, Hist. Pl. 2: 474, 1870; Pax, in Engl. Prantl. Nat. Pflanzenfam. 3(2): 120, 1889; Dalla Torre & H. Harms, Gen. Siphonog. 178. 1905; Liu, Lign. Pl. Taiwan 147 1972; Chang, in Fl. Taiwan 426, 1976; Fl. Reip. Popul, Sinic. 31: 149, 1984.

*Dicotyodaphne* Bl. in Mus. Bot. Lugd.-Bat. 1: 270. 1850.

*Silvia* Allen, Diss. Rio. Janeiro 1845.

*Silvaea* Meissn. in DC. Prodr. 15(1): 84, 1864.

*Brassiodendron* Allen, in Journ. Arn. Arb. 23: 153, 1942.

About 30 species, from India to S. China, Archipelago Malaysia, Australia and Pacific Islands.

2. Trib. CINNAMOMEAE Baill. Baill. Hist. Pl. 2: 468 1870, p. p.; Kosterm. in Comm. For. Res. Inst. Bogor 57: 44, 1957; et in Reinwardtia 4: 236. 1957. excl. *Actinodaphne* 樟族

1. Subtrib. CINNAMOMINEAE Kosterm. Kosterm. in Comm. For. Res. Inst. Bogor 57: 44 1957; et in Reinwardtia 4: 236, 1957, excl. *Actinodaphne*

## 7. CINNAMOMUM Trew 樟屬

[Tourn. ex Linn. Syst. ed. 1. 1735]; Trew Herb. Black-well, Cent. 3, signature m. t. 347. 1760; Boehmer in Ludwig, Defin. Gen. Pl. 63. 1760; Schaeffer, Bot. Exped. (Gen. Pl.) 268 / 269. 1760; Nees, de Cinnamomo Disputatio 1823; Blume, Bijde. 568. 1825; Syst. Laur. 17, 31. 1836; Blume, Bijdr. Fl. Nederl. Indie. 560. 568. 570. 1826; Meissn. in DC. Prodr. 15(1): 9, 1864; Baillon, Hist. Pl. 2: 468, 1872; Benth. in Benth. & Hook. f. Gen.

Pl. 3: 155, 1880; Dalla Torre & H. Harms, Gen. Siphong. 176, 1905; Perrot & Eberhardt, Les Canelliers l'Indochine in Bull. Sc. Pharm. 16: 573 & 633, 1909; Cammerloher in Bull. Jard. Bot. Buitenz. 3(7): 447, 1925; Chen, Illustr. Man. Chine. Tree. Shrub. 331, 1937; Bailey, Man. Cult. Pl. 423, 1948; Carroll E. Wood in Journ. Arn. Arb. 39(3): 334, 1958; Liu, Lign. Pl. Taiwan 131, 1972; Chang, in Fl. Taiwan 411, 1976; Fl. Reip. Popul. Sinic. 31: 160, 1984.

*Camphora* [Bauhin ex Linn. Syst. ed. 1. 1735]; Fabr. Enum. Meth. Hort. Med. Helmstad. 218. 1759; Trew, l. c. signature 1. t. 347, 1760; Nees, in Wall. Pl. As. Rar. 2: 61, 1831; Syst. Laurin 87, 1836.

*Malabathrum* Burm. Fl. Ind. 214, 1768.

*Camphorina* Nor. in Verh. Batav. Gen. V. ed. 1. Art. 4: 1. 1790.

*Septina* Nor. in Verh. Batav. Gen. V. ed. 1. Art. 4: 3. 1790.

*Cecidodaphne* Nees, in Wall. Pl. Asiat. Rar. 3: 72, 1831; Syst. Laurin 202, 1836.

*Parthenoxylon* Bl. in Mus. Bot. Lugd.-Bat. 1: 322, 1851.

About 250 species, in tropical and subtropical Eastern Asia, tropical Australia, Pacific Islands and Japan.

## 8. SASSAFRAS Trew. 檫木屬

[Linn. Syst. ed. 1. 1735]; Trew Herb. Blackwell. Cent. 3, signature t. 267, 1757; Nees & Eberm. Handb. Med.-Pharm. Bot. 2: 418, 1831; Nees, Pl. Laur. Expos. 17, 1833; Nees, Syst. Laur. 487, 1836; Meissn. Gen. 327 (239). 1841; et in DC. Prodr. 15(1): 170, 1864; Benth. in Benth. & Hook. f. Gen. Pl. 3: 160, 1880; Dalla Torre & H. Harms, Gen. Siphonog. 177, 1905; Chen, Illustr. Man. Chine. Tree, Shrub. 351, 1937; Bailey, Man. Cult. Pl. 422, 1948; Carroll E. Wood in Journ. Arn. Arb. 39(3): 341, 1958; Liu, Lign. Pl. Taiwan 148, 1972; Chang, in Fl. Taiwan 465, 1976; Fl. Reip. Popul. Sinic. 31: 237, 1984.

*Pseudosassafras* Lec. in Not. Syst. 2: 268, 1912; et in Nouv. Arch. Mus. Hist. Nat. Paris 5 Ser. 5: 108, 1913; Liou, Laur. Chine. & Indoch. 81, 1934; Nakai, in Journ. Jap. Bot. 16(3): 126, 1940.

*Yushunia* Kamikoti, in Ann. Rep. Bot. Gard, Taihoku Imp. Univ. 3: 78, 1933.

Only 3 species, in Eastern Asia (China and Taiwan) and Northern America.

3. Trib. LITSEAE Mez. in Jahrb. Bot. Gart, Berlin 5: 6, 1889; Kosterm. in Comm. For. Res. Inst. Bogor 57: 48, 1957; et in Reinwardtia 4: 240, 1957. 木薑子族

1. Subtrib. LITSEINEAE Kosterm. Kosterm. in Comm. For. Res. Inst. Bogor 57: 48, 1957; et in Reinwardtia 4: 240, 1957. 木薑子亞族



9. LITSEA Lam. nom. cons. 木薑子屬

Lam. Encycl. Meth. Bot. 3: 574. 1789, nom. cons.; Meissn. in DC. Prodr. 15(1): 177 & 220. 1864 '*Litsaea*'; Dalla Torre & H. Harms, Gen. Siphonog. 177. 1905; Lec. in Nouv. Arch. Mus. Hist. Nat. Paris 5 Ser. 5: 82, 1913; Liou, Laur. Chine. & Indoch. 162. 1932 & 1934; Chen, Illustr. Man. Chine. Tree. Shrub 360. 1937; Allen, in Ann. Miss. Bot. Gard. 25: 362. 1938; Liu, Lign. Pl. Taiwan 157. 1972; Chang, in Fl. Taiwan 434. 1976; Fl. Reip, Popul. Sinic. 31: 261. 1984.

*Malapoenna* Adans. Fam. 2: 447. 1763.

*Glabraria* L. Mant. 2: 156, 1771; Miq. Fl. Ind. 1(1): 940. 1857.

*Tomex* Thunb. Nov. Gen. Pl. 3: 65. 1783.

*Hexanthus* Lour. Fl. Cochinch. 195. 1790.

*Sebifera* Lour. Fl. Cochinch. 637. 1790.

*Quinquedula* Nor. in Verh. Batav. Gen. V. Art. 4: 3. 1790.

*Fiva* J. F. Gmel. Syst. 2: 745. 1791.

*Tetranthera* Jacq. Hort. Schoenbrunn. 1: 59. t. 113. 1797.

*Berrya* Klein ex Willdenow, Sp. Pl. 2: 840. 1800.

*Lethedon* Spreng, Mant. Fl. Hal. 1: 53. 1807.

*Litsaea* Pers. Synops. H. 4. 1807.

*Pipalia* Stokes, Bot. Mater. Med. 4: 456. 1812.

*Darwinia* Dennst. Schluss. Hort. Malab. 31. 1818.

*Cylicodaphne* Nees, in Wall. Pl. As. Rar. 2: 61. 1831.

*Jozoste* Nees, in Wall. Pl. As. Rar. 2: 63. 1831.

*Actinodaphne* Nees, Nees in Wall. Pl. Asiat. Rar. 2: 68. 1831, 3: 31. 1833; Dalla Torre & H. Harms, Gen. Siphonog. 177. 1905; Liou, Laur. Chine. & Indoch. 155. 1932 & 1934; Chen, Illustr. Man. Chine. Tree. Shrub. 359, 1937; Allen, in Ann. Miss. Bot. Gard. 25: 401. 1938; Kosterm. in Journ. Sc. Res. Indonesia 1: 95. 114. 115. 120. 127. 147. 1952; Fl. Reip. Popul. Sinic. 31: 242. 1984.

*Lepidadenia* Nees, in Edinb. New Phil. Journ. 15: 379. 1833; Pl. Laurin. Expos. 19, 1833.

*Jozosmene* Lindl. Introd. Nat. Syst. ed. 2. 202. 1836.

*Bryantea* Rafin, Sylva Tellur. 165. 1838.

*Decapenta* Rafin, l. c. 165. 1838.

*Dipliathus* Rafin, l. c. 135. 1838.

*Heckeria* Rafin, l. c. 165. 1838.

*Fiva* Steud. Nom. ed. 2. 1: 642. 1840.

*Pseudolitsea* Yang, in Journ. West China Bora. Res. Soc. 15. ser. B: 85. 1945.