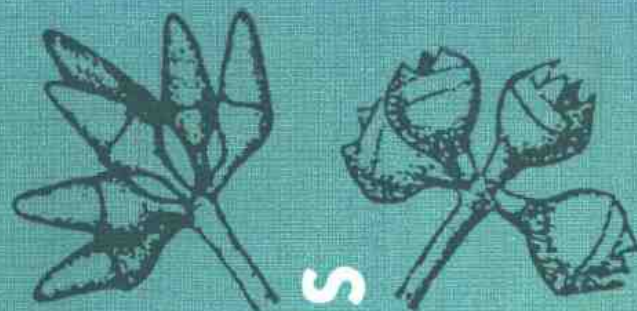


桉树花蕾果实图谱

(澳) G.M. 奇佩恩达勒 著 钟 坚 译



EUCALYPTUS BUDS AND FRUITS

广西科学技术出版社

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内容简介

该书旨在介绍有关桃金娘科桉树属 443 种（包括变种）桉树的花蕾和果实形态图，树种非常丰富，并附有植物拉丁学名。这是一本具有实用参考价值的关于桉树花蕾和果实的专著。

本书可供种子学、植物分类学、植物引种驯化、园林绿化以及农林业的科技工作者和教学人员参考使用。

译 者 的 话

众所周知,桉树用途广泛,可生产木材、造纸材、薪材,叶子可提制桉油,在热带和亚热带地区被广为引种栽培,是著名的世界性速生造林树种。我国引种桉树已有上百年的历史,引进的种类达125种以上,华南、西南和华东地区均有引种栽培。

桉树属是一个大属,种类繁多,易于杂交,在不同的生长环境条件下,叶子的形态常发生变异。故在树种识别鉴定上,学者们则以性状相对稳定的植物器官如花果作为可靠的依据。本书是通过图谱来展示桉树的花蕾和果实的特征,以便于鉴别种类。全书收录了桃金娘科桉树属443种桉树(包括变种),种类丰富,并附有学名。这是目前最新和具有实用性的关于桉树花蕾和果实的专著。此书于1968年修订出版,至今仍广泛应用。

此专著的译出,无疑对我国的桉树研究具有重要参考价值,为种子学、植物分类学、引种驯化、园林绿化及农林业科技工作者提供了一本工具书,亦可供大专院校有关专业师生教学参考之用。此书的翻译,得到广西林业厅种子站王惠英、刘小媛、黄丽东同志的大力协助,特此深表谢忱。

桉树拉丁学名的中译主要参考下述文献:

1. 《植物学名解释》(丁广奇、王学文, 1986);
2. 《中国树木学名诠释》(金春星, 1989);
3. 《植物学拉丁文》(秦仁昌译, 1978);
4. 《中澳东门桉树合作项目技术资料》(1982—1989, 未发表);
5. 《桉树栽培与利用》(广东雷州林业局, 1978);
6. 《Forest Trees of Australia》(Boland, Brooker et al., 4th ed., 1984);
7. 《Flora of Australia》Volume 19, Myrtaceae—Eucalyptus, Angophora (G.M. Chippendale, 1988)。

译 者

1990年7月30日

前 言

桉树用以生产木材、纸浆、薪材，提供荫蔽在林学界上驰名全球；并且由于它那形态各异的、迷人的树形以及色彩丰富的花朵而在园艺界里享有声誉。

与此同时，澳大利亚人愈来愈意识到这些土生的植物赋予我们的国家以一种独一无二的外观。对这些植物的兴趣以及对种类彼此间差异的识别使得人们所要面临的物种鉴别成为一种需要。

桉树在我们国家植被构成中占据着优势地位。桉树属是一个拥有丰富种类的大属，出现一些混淆不清的现象在所难免，通常当若干种类居生于一个密生群落里时尤为如此。许多显著特征，比如树皮，一些树种的树皮彼此很相似，而象叶子的形状及大小这些特征也常出现相当大的变异，即使在同一单株也不例外。然而，根据植物学家和林学家所积累的经验，果实和花蕾，在某种程度上，是最简便最有用的鉴别特征。

此书主要通过展示典型的花蕾和果实图来帮助鉴别桉树种类，图谱的编排采用了W. F. 布莱克利的《桉树检索表》(A Key to the Eucalypts)一书中的检索号顺序。该书最初的雏型是林业木材局的第63期小册子《桉树物种的花蕾和果实图》(Illustrations of Buds and Fruits of Eucalyptus Species)，而这本册子中的图则选自梅登(Maiden)的《桉属之订正》一书(A Critical Revision of the Genus Eucalyptus)。编著者在过去原有的基础上作了增补，在某种情况下，鉴于新近植物学研究的结果，对某些图进行了更换，故此书包含了259幅新图。

澳大利亚林业木材局局长 M. R. 杰科布斯

1968年8月 于堪培拉

引 言

历 史

于1951年初, Norman Hall先生发明出一种用于桉树种类识别的卡片检索表,并且照相复制J. H. Maiden《桉属之订正》一书中的果实图片,将这些图片附到卡片上以助于树种鉴定。随后不久,又通过同样的方法将花蕾图片附上卡片。

当认识到图片可单独使用而不依赖于卡片时,在获得新南威尔士州立标本馆首席植物学家和馆长的认可的情况下,将所选择的花果图片集中起来制版进行胶印。首次印刷以林业木材局第63期小册子形式出现,共1000册。在1952年10月,这些小册子分发给联合国粮农组织桉树研究考察团的成员。

第一版本的每个树种的图大约为一英寸见方。图片按英文字母顺序排列并引用了W. F. Blakely《桉树检索表》的参照号数。书中均有英文字母索引和号数索引。

这本小册子颇具实用性很快因受到读者的欢迎而得以体现,因此Hall先生和R. D. Johnston博士于1953年为增订的第二版进行了材料准备,并于1954年7月印刷1630册。在这一版本里,图幅为花果自然状态的规格,花蕾和果实相配对,图旁附有植物拉丁学名,参照Blakely分类系统的顺序进行排列。

第三版本由R. D. Johnston编著并于1960年3月印刷了863册,尽管书的封面上所注的日期是1959年。此版本作了一些小修改。

1962年10月出版第四版,实质上是重印,册数为982册。1967年又再次重印1000册。

在1962年间,决定将过去未绘图的树种收进新版本书中。从澳大利亚各地的标本馆借来标本,由R. D. Johnston, N. Hall和Rosemary Marryatt主持编写并由几位绘图员绘图。

1966年,G. M. 奇佩恩达勒修订拟定出的新版本内容,在和R. D. Johnston磋商之后,决定删去杂交种、可疑种和可疑变种。然后由G. M. 奇佩恩达勒主持为新修订版本而进行的标本选取和绘图工作。

对于每一幅图,无论是选自《桉属之订正》一书的还是新绘制的,都一一认真核实,并更换了一些原来的图。用于绘图的标本都编入了名录,最近对许多实际标本进行了验证。

此本修正版包含几乎所有已知桉树分类群的花蕾和果实图。菲茨杰拉德桉(*E. fitzgeraldii*)和拉梅桉(*E. rameliana*)没有收录在内,前者是因没有该树种的花蕾和果实,而后者则缺果实标本。然而书中留有它们的一席之地以便今后增补。应该认识到,未收进的种类也包括那些尚未得以描述鉴定的桉树,其中有些目前正受到植物学家的研究。

在第63期小册子的早期版本中,当选择一幅图时,通常选取一个系范围里中间的那个树种。也有些是例外的,这种情况是在系范围里中间的树种不是典型的情况下出现,如敛桉(*E. astringens*)。现有更多一些的种类由于这样的原因而被更换,其它一些树种是根据新近植物分类学的观点而对原有的标本进行重新鉴定后作出替换的。

在某些情况下,尽管某两种桉树可能同属一个种,但为了方便,仍将这样的种的花果图收录在书中。例如伯特桉(*E. burdetiana*)——大角桉(*E. megacornuta*);黄花矮桉

(*E. xanthanema*)——匙形桉(*E. spathulata*)，以及小卵果桉(*E. ovularis*)——筒果桉(*E. cylindrocarpa*)。

致 谢

与新南威尔士州立标本馆L. A. S. Johnson先生的磋商及通信交流，对选择收录树种这个问题帮助很大。绘图所用的标本是从各个州的标本馆借来的。此外，还在悉尼植物标本室就地使用该室的标本材料绘图。堪培拉林业研究所的A. Edward先生为绘制新图提供了有关照片资料。特在此一并表示谢忱。

绘图员

在标本名录中，附有每一种桉树花蕾和果实图的绘图员姓名代符。下列所述日期为绘图的时间。

F. ——Margaret Flockton小姐(1903—1928)，绘制了梅登《桉属之订正》一书中的大部分图。

M. S. ——Matilda Smith小姐(1903—1921)，在英国皇家植物园绘制了许多图，而当时在澳大利亚得不到可靠的植物标本材料。

C. S. ——Crystal Stahl女士(1962—1964)，绘制某些树种的铅笔画。

C. ——June Collins小姐(1964)，绘制某些树种的铅笔画。

K. ——Jan Kennedy女士(1963—1964)，绘制某些树种的铅笔画。

H. ——Marjorie Hall小姐(1966—1967)，现称L. J. May夫人，原先绘制了许多树种的铅笔画。后来为了便于印刷，Hall小姐将后面三位绘图员的铅笔画改为点画黑水描图，另外还绘制其余树种的点画黑水图。此书护封上的花果图设计亦为Hall小姐所为。

此书的使用

这本图谱实际上可以说是W. F. 布莱克利《桉树检索表》一书的姐妹篇，它应象前几版一样，对林业工作者、植物学家、学生以及对自然历史感兴趣的其他人士都是非常有帮助的。

使用此书的读者应注意，在鉴别树种上，不能完全依赖书中的图。

仅有一幅图就能完美地体现一个树种的全部特征是绝无可能，因为许多树种自身会有很大的变异。在使用这些图谱对照和比较花蕾或果实时，还应参考有关书籍诸如W. F. 布莱克利的《桉树检索表》，N. Hall, R. D. Johnston和Rosemary Marryatt的《澳大利亚森林树木》，或者各州的地方植物志，以使得所鉴定的树种准确无误。

有时可能出现采集到的花蕾和果实与书中的图不符，这可能是一个不明确的种，或者一个杂交种。当有疑问时或需要作进一步的鉴定，应把一份有代表性的，具有叶子、花蕾和果实的标本带到有关的州标本馆以求得帮助。

E. M. 奇佩恩达勒

绘图引用的标本名录索引

- 1 红蕊桉 *erythrocorys* F. Muell. Buds: [F] Botanic Gardens, Sydney (cultivated). Seed from near Dongara, W.A., E. W. Clarkson. Fruits: [F] Murchison River, W.A., A. Oldfield.
- 2 四角果桉 *tetragona* (R.Br.) F. Muell. Buds: [F] Esperance, W.A., J. H. Maiden, Nov. 1909. Fruits: [F] Stirling Range, W.A., Louis Dillon.
- 3 齿萼桉 *eudesmioides* F. Muell. Buds: [F] Mt. Curious, Murchison River, W.A., A. Oldfield. Fruits: [H] Minginew, W.A., C. A. Gardner, 19 Jan. 1961.
- 4a 球果桉 *gongylocarpa* Blakely [C] White Cliff Rd., 23 miles ENE. of Laverton, W.A., G. E. Brockway 4, 14 Feb. 1949.
- 5 埃贝诺桉 *ebbanoensis* Maiden Buds: [F] Comet Vale, W.A., J. T. Jutson 115, Dec. 1916. Fruits: [F] Sand plain, Ebbano, W.A., A. Morrison, 28 Sept. 1904.
- 6 齿果桉 *odontocarpa* F. Muell. Buds: [M.S.] Sturt's Creek, N.T., F. von Mueller, 1856. Fruits: [H] 6 miles NW. of The Granites, N.T., M. Lazarides 6257, 22 Apr. 1957.
- 7 四齿果桉 *tetradonta* F. Muell. [F] Pine & Horseshoe Creeks, N.T., E. J. Dunn.
- 8 纤柄桉 *tenuipes* (Maiden et Blakely) Blakely et White Buds [C.S.] NSW58844 Chinchilla, Qld., R. C. Beasley, 29 Dec. 1930. Fruits: [F] Meteor Creek, Qld., H. I. Jensen, July 1921.
- 9 克蒂斯桉 *curtisii* Blakely et White [K] Botanic Gardens, Sydney, N.S.W. (cultivated), W. F. Blakely, 8 Nov. 1932.
- 10 脊桉 *lirata* W. V. Fitzg. ex Maiden Buds: [H] ANU13630 Tableland Station, W.A., L. D. Pryor, 21 Aug. 1967. Fruits [F] Summit of Bold Bluff, Kimberley, W.A., W. V. Fitzgerald 843, May 1905.
- 11 沙漠黄桉 *similis* Maiden Buds: [F] West of Emerald, Qld., G. H. Carr, March 1908. Fruits: [F] Alice, 328 miles W. of Rockhampton, Qld., W. Pagan.
- 12 贝利桉 *baileyana* F. Muell. [F] Eight Mile Plains, Brisbane, Qld., A. Williams.
- 13 紫红花桉 *phoenicea* F. Muell. Buds: [F] N.T., G. F. Hill 400. Fruits: [F] N.T. Collector unknown, Melb. Herb.
- 14 朱蕊桉 *miniata* A. Cunn. ex Schau. Buds: [F] N.T., north of lat. 15 degrees, W. S. Campbell, May-Sept. 1911. Fruits: [H] CANB49774 Croydon Base Camp, Qld., N. H. Speck 4751, 21 July 1954.
- 15 方果桉 *tetraptera* Turcz. [F] Near Cape Riche, W.A., S. Dunn, Oct. 1911.
- 15a 斯第曼桉 *steedmanii* C. A. Gardn. [C.S.] Cultivated in Haileybury College Grounds, South Rd., Hampton, Vic., J. H. Willis, 6 Apr. 1941.
- 16 方皮桉 *tessellaris* F. Muell. [F] Reid River, Qld., N. Daley.
- 17 巴布亚桉 *papuana* F. Muell. Buds: [F] Middle Ck., N.T., G. F. Hill 446. Fruits: [F] Mirtna Station, via Charters Towers, Qld., Zara Clark.
- 18 巨叶桉 *grandifolia* R.Br. ex Benth. Buds: [F] Darwin, N.T., G. F. Hill 342. Fruits: [F] Burrundie, N.T., H. I. Jensen 352.
- 19 棒茎桉 *clavigera* A. Cunn. ex Schau. Buds: [F] North West Coast, A. Cunningham. Fruits: [H] FRI11365 Bamboo Creek, Tin Mine, N.T., W. Bateman, 10 Nov. 1953.
- 19a 密花桉 *confertiflora* F. Muell. Buds: [H] FRI12771 Upper Douglas River, west of Pine Creek, N.T., M. R. Jacobs. Fruits: [F] Gulf of Carpentaria, Robert Brown, 1802-5.
- 20 吉尔伯特桉 *gilbertensis* (Maiden et Blakely) S. T. Blake. Buds: [H] 8 miles W. of Croydon, Qld., L. A. S. Johnson & L. D. Pryor, 20 Oct. 1964. Fruits: [F] Ridges of the Gilbert River, Qld., C. T. White, Feb. 1922.
- 21 糙叶桉 *aspera* F. Muell. Buds: [F] N.T. from Melb. Herb. believed to be portion of the type. Fruits: [H] 20 miles S. of The Granites, N.T., J. B. Cleland, 20 Aug. 1936.
- 22 刚毛桉 *setosa* Schau. Buds: [F] Normanton, Qld, Ivie Murchie 5, 11 Dec. 1912. Fruits: [F] Pine Creek Railway, N.T., E. Dunn.

- 23 铁锈桉 *ferruginea* Schau. Buds: [F] Isles of Carpentaria, Robert Brown 1802-5. Fruits: [F] Glencoe Station, Arnhem Land, N.T., N. Holtze.
- 23a 苗条桉 *abbreviata* Blakely et Jacobs Buds: [H] FR114128 between Katherine and Marranboy, N.T., M. R. Jacobs, 27 July 1933. Fruits: [H] CANB31530 11 miles SE. Willeroo Station, N.T., R. A. Perry 2840, 27 May 1952.
- 24 穿叶桉 *perfoliata* R.Br. ex Benth. Buds: [F] Mt. Anderson and Grant Range, W.A., W. V. Fitzgerald, Aug. 1906. Fruits: [F] Kings Sound, W.A., W. W. Froggart, 1886.
- 25 丘地桉 *collina* W. V. Fitzg. [F] Summit of Bold Bluff, Kimberleys, W.A., W. V. Fitzgerald 844.
- 26 双红桉 *dichromophloia* F. Muell. Buds: [F], Fruits: [M.S.] Roper River, Dr. M[ueller], 1857.
- 27 多果桉 *polycarpa* F. Muell. Buds: [H] CANB172244 Centre Island, Edward Pellew Group Is., Gulf of Carpentaria. F. Knight EP21, 7 May 1967. Fruits [H] CANB26185 approx. 20 miles SW. of Leguna Station, N.T., R. A. Perry 2631, 28 July 1949.
- 28 阿伯吉桉 *abergiana* F. Muell. [F] Rockingham Bay, Qld., J. Dallachy.
- 29 磨叶桉 *foelscheana* F. Muell. Buds: [F] North Coast, N.T., Robert Brown, 1802-5. Fruits: [F] Near Darwin, N.T., W. Baldwin Spencer.
- 29c 外伸桉 *porrecta* S. T. Blake Buds: [H] NSW10077 Shoal Bay Rd., 14 miles from Darwin, N.T., C. E. F. Allen, 5 Nov. 1933. Fruits: [C.S.] FRI11336 Darwin, N.T., W. Bateman 35.
- 30 宽叶桉 *latifolia* F. Muell. [F] Bathurst Island, N.T., G. F. Hill 469.
- 31 皱果桉 *ptychocarpa* F. Muell. Buds: [F] Eight Mile Spring on to Tanumbirini, N.T., G. F. Hill 809. Fruits: [F] Woollybutt Creek, near Phillips Range, W.A., W. V. Fitzgerald 950.
- 32 美叶桉 *calophylla* R.Br. ex Lindl. Buds: [F] Perth District, W.A., F. Stoward. Fruits: [F] Lower Canning River, W.A., A. Morrison 28.
- 36 红花桉 *ficifolia* F. Muell. Buds: [F] Shannon River, W.A., W. V. Fitzgerald. Fruits: [F] Irwins Inlet, W.A., S. W. Jackson.
- 40 糙皮桉 *trachyphloia* F. Muell. Buds: [F] Bundaberg, Qld., J. H. Maiden. Fruits: [F] Arrarownie, Borah Creek, Pilliga Scrub, N.S.W., H. I. Jensen 152.
- 42 顶生桉 *terminalis* F. Muell. Buds: [H] CANB26195 25 miles SSE. of Victoria River Downs Station, N.T., R. A. Perry 2143, 12 June 1949. Fruits: [H] CANB13224 28 miles NE. Bulloo Downs Station, Qld., K. H. L. Key, 8 Dec. 1946.
- 43 沙漠红桉 *cliftoniana* W. V. Fitzg. Buds: [C] Mt. Anderson, W.A., G. C. Rose, Jan. 1957. Fruits: [F] Mt. Anderson, W.A., W. V. Fitzgerald.
- 43a 合叶桉 *zygophylla* Blakely Buds: [H] 9 miles N. of Blina Homestead, W.A., E. Larsen, 28 May 1966. Fruits: [F] Broome, W.A., W. V. Fitzgerald 123.
- 44 红桉 *haematoxylon* Maiden Buds: [F] Jarrahwood, W.A., W. Donovan. Fruits: [F] Happy Valley, W.A., W. Donovan, July 1912.
- 45 伞房花桉 *gummifera* (Gaertn.) Hochr. [F] Port Jackson, N.S.W., J. H. Maiden.
- 46 桃红桉 *intermedia* R. T. Bak. Buds: [F] Eight Mile Plains, near Brisbane, Qld., J. L. Boorman. Fruits: [F] Glenreagh, N.S.W., J. L. Boorman.
- 46a 海岛桉 *nesophila* Blakely Buds: [H] FRI12186 Kilu-Impiri track, Melville Island, N.T., W. Bateman, 4 July 1952. Fruits: [F] Bathurst Island, N.T., G. F. Hill 465.
- 47 光皮红桉 *bleeseri* Blakely Buds: [H] ANU8082 Darwin, N. T., L. D. Pryor. Fruits: [C.S.] FRI11309 Rum Jungle, N.T., W. Bateman, 25 Oct. 1950.
- 48 盾叶桉 *peltata* Benth. [F] Alma-den, Qld., R. H. Cambage 3884.
- 49 托里桉 *torelliana* F. Muell. Buds: [F] Rockingham Bay, Qld., J. Dallachy. Fruits: [F] Atherton, Qld., H. W. Mocatta.
- 50 特桉 *extima* Schau. Buds: [F] Berowra to Peat's Ferry, Hawkesbury River, N.S.W., J. H. Maiden, Oct. 1895. Fruits: [F] Badgerys crossing to Nowra, Shoalhaven River, N.S.W., W. Forsyth & A. A. Hamilton.
- 51 布罗索梅桉 *bloxomei* Maiden Buds: [F] 70 miles NW. of Wondai, Qld., Forest Guard Higgins, August 1918. Fruits: [F] Hippong, Qld., H. S. Bloxome & T. L. Bancroft.
- 52 瓦特森桉 *watsoniana* F. Muell. [F] Botanic Gardens, Sydney, N.S.W., cultivated from seed near Wigton, Qld., T. W. Watson.
- 52a 杰克斯桉 *jacobsiana* Blakely [H] Outlier from plateau near Pine Creek, N.T., M. R. Jacobs 90, 23 July 1933.
- 53 柠檬桉 *citriodora* Hook. [F] Stannary Hills, Qld., T. L. Bancroft.
- 54 斑皮桉 *maculata* Hook. Buds: [H] 1/4 mile S. of Prospect Hill, N.S.W., R. H. Cambage 3590, 15 Sept. 1912. Fruits: [H] Clarence Town, N.S.W., Forest Guard Ikin, Dec. 1904.
- 56 杰克森桉 *jacksonii* Maiden Buds: [F] 2 miles from Franklin River on Denmark Rd., W.A., F. Stoward 114. Fruits: [F] Deep River, Nornalup Inlet, W.A., Sid. W. Jackson.
- 57 异色桉 *diversicolor* F. Muell. Buds: [F] King Georges Sound, W.A., Robert Brown, 1802-5. Fruits: [F] Torbay Junction, near Albany, W.A.
- 58 巨桉 *grandis* Hill ex Maiden Buds: [F] Lismore, N.S.W., W. Baeuerlen. Fruits: [F] Booral, N.S.W., A. Rudder.

- 60 柳桉 *saligna* Sm. Buds: [F] Spit Rd., Mosman, Sydney, N.S.W., W. Forsyth. Fruits: [F] Blue Gum Flat, Ourimbah, near Gosford, N.S.W., J. L. Boorman.
- 62 追思桉 *deanei* Maiden [F] Boonoo Boonoo, N.S.W., J. L. Boorman.
- 64 葡萄桉 *botryoides* Sm. Buds: [F] Rockdale near Sydney, N.S.W., J. H. Camfield. Fruits: [F] Mrs. Macquarie's Point, Sydney, N.S.W., J. H. Maiden.
- 67 大叶桉 *robusta* Sm. Buds: [F] Details not given, from specimen labelled in A. Cunningham's writing. Fruits: [F] Byron Bay, N.S.W., J. H. Maiden & J. L. Boorman.
- 69 树脂桉 *resinifera* Sm. Buds: [F] Reproduction of figure in White's Journal of a Voyage to New South Wales, p. 231 (1790). Fruits: [F] Oatley, N.S.W., J. H. Camfield.
- 72 显桉 *notabilis* Maiden [F] Springwood, N.S.W., J. L. Boorman.
- 73 粗皮桉 *pellita* F. Muell. Buds: [F] Rockingham Bay, Qld., J. Dallachy. Fruits: [H] Black Mountain Rd., NE. of Mareeba, Qld., L. Johnson, 22 May 1962.
- 74 矮桉 *pumila* Cambage [F] Pokolbin, N.S.W., R. H. Cambage 1506.
- 75 小果灰桉 *propinqua* Deane et Maiden Buds: [F] Dungog-Stroud Road, N.S.W., A. Rudder. Fruits: [F] Beechwood, Rollands Plains, Hastings River, N.S.W., J. L. Boorman.
- 76 硕桉 *major* (Maiden) Blakely Buds: [H] Norman Ck., near Brisbane, Qld., C. T. White, May 1917. Fruits: [F] Kandanga, Qld., E. H. Swain 170.
- 78 澳洲斑叶桉 *punctata* DC. var. *punctata* Buds: [F] E. bank of the Woronora River, Como, N.S.W., J. H. Camfield. Fruits: [F] Hill Top, N.S.W., H. Hammond Maiden.
- 79 长喙斑叶桉 *punctata* DC. var. *longirostrata* Blakely [H] Benarkin, Qld., Mr. Irvine, June 1917.
- 80 加拿利桉 *canaliculata* Maiden Buds: [C.S.] FRI12178 Fosterton, Dungog, N.S.W., W. A. W. de Beuzeville, 14 Jan. 1932. Fruits: [F] Hill near Dungog, N.S.W., A. Rudder.
- 81 长叶桉 *longifolia* Link et Otto Buds: [F] E. Gippsland, Vic., P. R. H. St. John. Fruits: [H] FRI11224 Batemans Bay, N.S.W., D. I. Nicholson, 23 Oct. 1947.
- 85 秀叶桉 *cosmophylla* F. Muell. Buds: [F] Kuitpo Forest, Willunga, S.A., W. Gill. Fruits: [F] Harriet River, Kangaroo Island, S.A., Dr. & Mrs. F. E. Rogers.
- 88 蓝灰桉 *caesia* Benth. Buds: [F] Unnumbered at Melbourne Herbarium, attributed to Drummond. Fruits [F] W.A., J. Drummond 36, 1849.
- 89 伍瓦迪桉 *woodwardii* Maiden [F] 120 miles E. of Kalgoorlie, W.A., Henry Deane, May 1909.
- 90 银顶桉 *campaspe* S. Moore Buds: [F] Coolgardie, W.A., L. C. Webster. Fruits: [F] Montana Hill, Coolgardie, W.A., C. A. Gardner 1749.
- 91 斯氏桉 *stricklandii* Maiden [F] Hampton Plains Estate, Coolgardie, W.A., E. Lidgely.
- 92 格氏桉 *griffithsii* Maiden var. *griffithsii* [F] Coolgardie, W.A., R. Helms.
- 92a 狭叶格氏桉 *griffithsii* Maiden var. *angustiuscula* Blakely [H] NSW53188 approx. 5 miles N. of Broad Arrow, W.A., L. A. S. Johnson W159, 17 Dec. 1960.
- 93 卡恩桉 *carnei* C. A. Gardn. [C.S.] NSW58878 Laterite hills E. of Sandstone, W.A., C. A. Gardner, 17 Aug. 1931.
- 94 粗大桉 *grossa* F. Muell. ex Benth. Buds: [C.S.] near Red Lake, W.A., C. Davies, 6 Aug. 1962. Fruits: [C.S.] NSW58882 Narrandera, N.S.W. (cultivated), E. R., Johnston, July 1950.
- 96 角蕾桉 *cornuta* Labill. Buds: [F] Alexander River, E. of Esperance Bay, W.A., H. P. Turnbull. Fruits: [F] Lower King River, King Georges Sound, W.A., J. H. Maiden.
- 96a 伯德特桉 *burdettiana* Blakely et Steedman [C.S.] NSW58883 Mt. Barren, W.A., H. Steedman, 22 Jan. 1938.
- 96b 大角桉 *megacornuta* C. A. Gardn. Buds: [H] Ravensthorpe Range, W.A., C. A. Gardner & A. J. Miles, Nov. 1935. Fruits [H] FRI14532 6.2 miles E. of Ravensthorpe, W.A., G. M. Chippendale 204, 15 March 1967.
- 97 莱曼桉 *lehmannii* (Preiss ex Schau.) Benth. Buds: [H] Whoogarup Range, W.A., A. S. George 1903, 2 Dec. 1960. Fruits: [C.S.] FRI12068 Waite Arboretum, S.A., N. Hall & D. Symon, Sept. 1962.
- 98 棒头桉 *gomphocephala* A. DC. [F] Claremont, W.A., J. B. Cleland.
- 99 宽柄桉 *platypus* Hook. var. *platypus* Buds: [F] Hopetoun, W.A., J. H. Maiden, Nov. 1909. Fruits: [C] Ravensthorpe District, W.A., C. A. Gardner, Nov. 1944.
- 100 异叶宽柄桉 *platypus* Hook. var. *heterophylla* Blakely [F] near Ongerup, W.A., F. Stoward.
- 101 垂桉 *nutans* F. Muell. [F] Kundip, near Ravensthorpe, W.A., J. H. Maiden, Nov. 1909.
- 102 环纹桉 *annulata* Benth. Buds: [F] Salt River, W.A., G. Maxwell. Fruits: [F] W.A., W. R. Guilfoyle.
- 103 匙形桉 *spathulata* Hook. var. *spathulata* Buds: [F] W.A., J. Drummond 58. Fruits: [F] Broome Hill, W.A., A. Morrison.
- 104 大花匙形桉 *spathulata* Hook. var. *grandiflora* Benth. Buds: [F] Broome Hill, W.A., A. Morrison. Fruits: [F] Phillips Range, W.A., G. Maxwell.
- 105 沙桉 *eremophila* (Diels) Maiden var. *eremophila* Buds [F] near Coolgardie, W.A., L. Diels 5237. Fruits: [H] between Yerbein & Bodallin, W.A., C. A. Gardner 10330, 1957.
- 106 大花沙桉 *eremophila* (Diels) Maiden var. *grandiflora* Maiden [F] Kurrawang, W.A., J. B. Cleland.

- 107 斯氏瓦第枝 *stowardii* Maiden Buds: [F] Kweikan, W.A., F. Stoward. Fruits: [H] 8 miles E. of Ballidu, W.A., R. D. Royce 2124, 11 Sept. 1947.
- 108 大蕊枝 *macrandra* F. Muell. ex Benth. [F] Gaalgugup Hill, near Porongorups, Stirling Range District, W.A., J. H. Maiden, Nov. 1909.
- 110 西方枝 *occidentalis* Endl. var. *occidentalis* Buds: [F] J. Drummond 152. Fruits: [F] Kalgan Plains, near Stirling Range, W.A., J. H. Maiden.
- 110a 狭花西方枝 *occidentalis* Endl. var. *stenantha* Diels ex Maiden Buds: [C.S.] FRI12073 Waite Arboretum (cultivated), S.A., N. Hall & D. Symon, Sept. 1962. Fruits: [C] Raeside Soak, W.A., P. H. Barret 16, Nov. 1952.
- 112 敏枝 *astringens* Maiden Buds: [F] Broome Hill, W.A., J. H. Maiden. Fruits: [F] near Kalgan River, Kalgan Plains, W.A., J. H. Maiden.
- 113 萨氏枝 *sargentii* Maiden [F] Salt River, near Meare's Lake, Beverley, W.A., H. St. Barbe-More, O. H. Sargent 707.
- 114 黄花矮枝 *xanthonema* Turcz. Buds: [F] W.A., J. Drummond 67 (3rd coll.). Fruits: [C] Fitzgerald River, W.A., C. A. Gardner & A. J. Miles, 11 Nov. 1935.
- 115 钩毛枝 *redunca* Schau. [F] Kalgan River, near Stirling Range, W.A., J. H. Maiden.
- 119 加德纳枝 *gardneri* Maiden Buds: [H] Wagin, W.A., C. A. Gardner, 7 Feb. 1923. Fruits: [F] Wagin, W.A., C. A. Gardner.
- 120 旺多枝 *wandoo* Blakely Buds: [F] Kalgan Plains, W.A., J. H. Maiden. Fruits: [F] Kelmscott, W.A., A. Morrison.
- 121 棒萼枝 *cladocalyx* F. Muell. Buds: [F] Port Lincoln to Coffins Bay, not far from Lake Wangary, S.A., J. H. Maiden. Fruits: [F] near Spencers Gulf, S.A.
- 124 谢斯枝 *sheathiana* Maiden Buds: [F] Kings Park, Perth, W.A. (cultivated), J. Sheath. Fruits: [H] FRI14427 0.9 miles E. of Ghooli, W.A., G. M. Chippendale 99, 7 March 1967.
- 125 粉皮枝 *accedens* W. V. Fitzg. Buds: [F] W.A., L. Diels 3226. Fruits: [F] Greenmount, Darling Range, W.A., W. V. Fitzgerald, May 1901.
- 125a 莱利枝 *laeliae* Podger et Chippendale [H] FRI13813 1.8 miles SE. of North Dandalup, W.A., L. McGann, 13 Oct. 1966.
- 126 德斯蒙枝 *desmondensis* Maiden et Blakely Buds: [F] Desmond, near Ravensthorpe, W.A., C. A. Gardner 2183, 18 May 1924. Fruits: [C.S.] NSW53196 Desmond, W.A., L. A. S. Johnson W222, 19 Dec. 1960.
- 127 小斑叶枝 *puncticulata* (Benth.) Blakely [M.S.] Stony hills, Gordon River, W.A.
- 129 歪脉枝 *loxophleba* Benth. Buds: [F] Newcastle, W.A., L. Diels 2579, 26 Feb. 1901. Fruits: [F] Limestone hill, Lyton, Pt. Gregory, W.A., A. Oldfield.
- 131 海岸枝 *oraria* L. Johnson Buds: [F] Murchison River, W.A., A. Oldfield. Fruits: [F] Swan River, W.A., J. Drummond 87, 1843
- 132 科米太枝 *comitae-vallis* Maiden [F] Comet Vale, 65 miles N. of Kalgoorlie, W.A., J. T. Jutson 239, No. 1917.
- 133 筒果枝 *cylindrocarpa* Blakely [C.S.] NSW58875 1 mile southwards from Kumarl, W.A., C. A. Gardner 11164, 8 Nov. 1953.
- 134 邓氏枝 *dundasii* Maiden [F] Gilmores, 25 miles S. of Dundas, W.A., C. A. Gardner 2230, May 1924.
- 135 梅丽克枝 *merrickiae* Maiden et Blakely [F] Grasspatch, W.A., C. A. Gardner 2218, May 1924
- 136 厚叶枝 *incrassata* Labill. [F] W.A., J. Drummond 65 (3rd collection).
- 138 二翅枝 *diptera* Andrews [C] NSW58881 Salmon Gums, W.A., C. A. Gardner, 24 May 1924.
- 139 聚球枝 *conglobata* (R.Br. ex Benth.) Maiden [F] Port Lincoln, S.A., W. Gill, Dec. 1901.
- 140 扁平枝 *anceps* (R.Br. ex Maiden) Blakely [C.S.] Murray Bridge, S.A., J. H. Maiden, Jan. 1907.
- 141 灌木枝 *dumosa* A. Cunn. ex Schau. Buds: [F] Lake Boga, Vic., A. W. Howitt. Fruits: [F] near Wyalong, N.S.W., W. S. Campbell, Oct. 1901.
- 141a 三瓣枝 *trivalvis* Blakely Buds: [H] NT4001 Standley Chasm, 35 miles W. of Alice Springs, N.T., G. Chippendale & L. A. S. Johnson, 16 Oct. 1957. Fruits: [H] CANB98041 40 miles SE. of Tempe Downs H.S., N.T., N. Forde 192, 16 June 1956.
- 142 细萼枝 *leptocalyx* Blakely [C] NSW58876 Grasspatch, W.A., C. A. Gardner 2221, 23 May 1924.
- 144 短萼枝 *brachycalyx* Blakely [C] NSW47540 Murat to Denial Bay, S.A., R. S. Rogers, Sept. 1907.
- 146 唱枝 *pileata* Blakely [H] 1 mile E. of Boorabbin, W.A., C. A. Gardner 8001, 20 Oct. 1945.
- 147 皱纹枝 *rugosa* R.Br. ex Blakely Buds: [H] H5632 Fowlers Bay, S.A., R. S. Rogers, Sept. 1907. Fruits: [F] Emu Flat, Ninety Mile Desert, S.A., W. Gill.
- 148 东格拉枝 *dongarraensis* Maiden et Blakely [F] Dongara, W.A., J. H. Maiden, Oct. 1909.
- 149 纹萼枝 *striaticalyx* W. V. Fitzg. [H] FRI13156 Summit of Mt. Bruce, W.A., E. Larsen, 14 Aug. 1964.
- 151 康丁尼枝 *kondininensis* Maiden et Blakely [F] Kondinin, W.A., C. A. Gardner 1966, 9 July 1923.
- 152 宽帽枝 *platycorys* Maiden et Blakely [H] FRI14438 1.5 miles E. of Boorabbin, W.A., G. M. Chippendale 110, 7 March 1967.
- 154 优雅枝 *concinna* Maiden et Blakely [C.S.] FRI12290 Wail, Vic., A. A. Thornley, 5 Feb. 1963.

- 155 皱果矮桉 *corrugata* Luehm. [F] 5 miles N. of Southern Cross, W.A., J. H. Maiden, Sept. 1909.
- 156 克菜兰著桉 *clelandii* (Maiden) Maiden [F] Goongarrie, W.A., J. H. Maiden.
- 157 莱素夫桉 *lesouefii* Maiden Buds: [H] 8 miles NW. from Norseman, W.A., C. A. Gardner 11154, 6 Nov. 1953. Fruits: [H] FRI13189 15 miles S. of Kalgoorlie, W.A., 26 Aug. 1964.
- 158 角花桉 *goniantha* Turcz. [C.S.] FRI12041 W.A., C. Davies, 8 Oct. 1962.
- 159 珊瑚桉 *torquata* Luehm. Buds: [F] Coolgardie, W.A., L. C. Webster. Fruits: [C] Widgiemooltha, W.A., C. A. Gardner, Nov. 1954.
- 160 棱果桉 *angulosa* Schau. var. *angulosa* Buds: [F] W.A., J. Drummond 75. Fruits: [F] Port Lincoln, S.A., Walter Gill.
- 161 角帽棱果桉 *angulosa* Schau. var. *ceratocorys* Blakely [H] FRI14453 Sand Queen Mine (deserted) about 1 mile S. of Comet Vale, W.A., G. M. Chippendale 126, 9 March 1967.
- 161a 斯道特桉 *stoatei* C. A. Gardn. Buds: [C.S.] FRI12255 Wail, Vic. (cultivated), 18 Jan. 1963. Fruits: [H] 17 miles E. of Kundip, W.A., C. A. Gardner & G. Brockway, 17 Dec. 1945.
- 163 平平桉 *pimpiniana* Maiden Buds: [C] NSW58867 3 miles S. of Maralinga, S.A., N. Forde 627, 10 Oct. 1956. Fruits: [F] Immana, near Ooldea, S.A., J. B. Cleland, Aug. 1922.
- 164 狭叶桉 *angustissima* F. Muell. Buds: [F] Point Malcolm to the East, W.A., G. Maxwell. Fruits: [F] Israelite Bay, W.A., collector unknown.
- 165 小卵果桉 *ovularis* Maiden et Blakely [F] Salmon Gums, W.A., C. A. Gardner 2227, May 1924.
- 166 多拉多桉 *doratoxylon* F. Muell. [F] Red Gum Pass. Stirling Range, W.A., A. Morrison.
- 167 无名桉 *decurva* F. Muell. [F] King Georges Sound, W.A., L. Diels 3420.
- 168 月桉 *falcata* Turcz. var. *falcata* Buds: [F] Stirling Range, W.A., Louis Dillon. Fruits: [F] South West Australia, in Nat. Herb. Melb.
- 169 无棱月桉 *falcata* Turcz. var. *ecostata* Maiden Buds: [F] Hopetoun, W.A., J. H. Maiden. Fruits: [F] Stirling Range, W.A., L. Diels 2989.
- 170 筒花桉 *cylindriflora* Maiden et Blakely [F] Bendering, W.A., C. A. Gardner 1909, 5 Feb. 1923.
- 171 红花丝桉 *erythronema* Turcz. var. *erythronema* Buds: [F] Kellerberrin, W.A., F. Harvey Vachell. Fruits: [F] Cowcowing, W.A., Max Koch.
- 171a 红花丝边桉 *erythronema* Turcz. var. *marginata* Benth. [C.S.] FRI12039 Kalgoorlie Forestry Arboretum (cultivated), W.A., C. Davies, 8 Oct. 1962.
- 172 迪尔斯桉 *dielsii* C. A. Gardn. [C.S.] FRI12072 Waite Arboretum (cultivated), S.A., N. Hall & D. Symon, Sept. 1962.
- 173 窿缘桉 *exserta* F. Muell. Buds: [F] Duaringa, Qld., A. Beck. Fruits: [F] Duaringa, Qld., J. H. Maiden.
- 175 黄皮马里桉 *herbertiana* Maiden [F] Mitchell River, 20 miles S. of Admiralty Gulf, W.A., C. A. Gardner 1471, 7 July 1921.
- 175a 杯果桉 *cupularis* C. A. Gardn. [H] FRI14574 3 miles on old Hall's Ck. Rd., W.A., F. Lullfitz, 28 March 1967.
- 176 莫里斯桉 *morrisii* R. T. Bak. [F] Girilambone, N.S.W., W. Baeuerlen.
- 178 圆角桉 *tereticornis* Sm. [F] near Mrs. Macquarie's Point, Sydney, N.S.W., J. H. Camfield.
- 180 海绿桉 *glaucina* (Blakely) L. Johnson [C] NSW58843 4 miles N. by E. of Paterson, N.S.W., R. Story 7446, 24 June 1960.
- 184 广叶桉 *amplifolia* Naudin var. *amplifolia* Buds: [H] Barbers Creek, N.S.W., J. H. Maiden, Oct. 1898. Fruits: [H] Bungonia Lookdown, N.S.W., C. W. E. Moore 3387, 7 July 1961.
- 185 无梗花广叶桉 *amplifolia* Naudin var. *sessiflora* Blakely [H] FRI11170 MacPherson Range, N.S.W., W. Dunn, June 1908.
- 186 布氏桉 *blakelyi* Maiden Buds: [F] Hill End, N.S.W., J. L. Boorman. Fruits: [F] 10-15 miles from Coonabarabran towards Rocky Glen, N.S.W., H. I. Jensen.
- 189 银白桉 *dealbata* A. Cunn. ex Schau. Buds: [F] Howell, N.S.W., E. C. Andrews. Fruits: [H] Parkes district, N.S.W., R. Whiting, July 1931.
- 190 德威尔桉 *dwyeri* Maiden et Blakely Buds: [F] Temora, N.S.W., Rev. J. W. Dwyer, May 1913. Fruits: [F] Forest Reserve, Gunnedah district, N.S.W., M. H. Simon, June 1915.
- 192 帕拉马桉 *parramattensis* C. Hall [F] near Public School, Fairfield, N.S.W., C. Hall.
- 194 细叶红桉 *seeana* Maiden Buds: [F] Nymboida, N.S.W., District Forester Wilshire. Fruits: [F] Grafton to Dalmorton, N.S.W., J. H. Maiden & J. L. Boorman.
- 196 橙桉 *bancroftii* Maiden Buds: [H] Orange Grove, Port Macquarie, N.S.W., Mr. Browne, 8 July 1892. Fruits: [F] Honeysuckle Flat, 9 miles S. of Port Macquarie, N.S.W., J. H. Maiden, July 1895.
- 197 赤桉 *camaldulensis* Dehnh. Buds: [F] 12 miles from Temora on Grenfell Rd., N.S.W., J. W. Dwyer 142. Fruits: [F] Jay Creek, N.T., G. F. Hill 115, 21 March 1911.
- 204 野桉 *rudis* Endl. Buds: [F] South Perth, W.A., J. H. Maiden. Fruits: [H] FRI13913 3-3 miles E. of Gingin, W.A., G. M. Chippendale 4, 11 Oct. 1966.
- 205 黑木桉 *melanoxylon* Maiden [F] Westonia, W.A., J. M. Cusack.
- 206 短叶白桉 *brevifolia* F. Muell. Buds: [F] Arnhem Land, N.T., F. von Mueller. Fruits: [F] Upper Victoria River, N.T., F. von Mueller.

- 207 白桉 *alba* Reinw. ex Blume Buds: [F] Timor. Fruits: [F] Island of Flores, Buitenzorg, Java.
- 209 牧羊桉 *bigalerita* F. Muell. Buds: [F] Port Darwin, N.T., Paul Foelsch. Fruits: [H] near Kununurra, W.A., C. Palzer & R. E. Fox, 5 Oct. 1966.
- 210 卵叶桉 *ovata* Labill. Buds: [F] Paddy's River, Wingello, N.S.W., J. L. Boorman. Fruits: [F] Adventure Bay, Tas., J. H. Maiden.
- 212 樟脑桉 *camphora* R. T. Bak. [F] Browns Camp, Delegate, N.S.W., W. Baeuerlen.
- 214 亚拉桉 *yarraensis* Maiden et Cabbage [F] Valley of the Yarra, near Healesville, Vic., R. H. Cabbage 4340, Jan. 1921.
- 215 黑桉 *aggregata* Deane et Maiden Buds: [F] Wallerawang, N.S.W., A. Murphy. Fruits: [F] Wallerawang, N.S.W., J. L. Boorman.
- 215a 罗氏桉 *rodwayi* R. T. Bak. et H. G. Sm. [H] Guildford junction, Tas., R. H. Cabbage 4101, 13 Jan. 1911.
- 216 相思桉 *acaciiformis* Deane et Maiden [F] Yarrowitch, N.S.W., J. H. Maiden, Nov. 1897.
- 217 尼利桉 *nicholii* Maiden et Blakely [H] FRI13633 near Australian War Memorial, Canberra, A.C.T., L. Langley.
- 218 小叶桉 *parvifolia* Cabbage [H] CBG000175 Badja, N.S.W., E. Gauba, 30 Nov. 1951.
- 219 扫帚桉 *scoparia* Maiden [F] 6 miles from Wallangarra, N.S.W., J. L. Boorman.
- 220 多斑美味桉 *mannifera* Mudie ssp. *maculosa* (R. T. Bak.) L. Johnson [H] FRI14612 Hopetoun Circuit, Yarralumla, A.C.T. (cultivated) R. D. Johnston & Marjorie Hall, 16 Oct. 1967.
- 220a 香皮桉 *aromaphloia* Pryor et Willis Buds: [H] Killara Railway Station, Vic., Patricia Carolan, 1 June 1964. Fruits: [H] Great Western to Armstrong (Stawell & Ararat), Vic., L. A. S. Johnston, 29 Aug. 1958.
- 222 旱生美味桉 *mannifera* Mudie ssp. *praecox* (Maiden) L. Johnson [F] Capertee, N.S.W., J. H. Maiden & J. L. Boorman, March 1901.
- 223 邓恩桉 *dunnii* Maiden [F] Acacia Creek, Macpherson Range, N.S.W., William Dunn.
- 224 澳洲桉 *angophoroides* R. T. Bak. Buds: [F] Yourie, via Bermagui, N.S.W., W. Dunn. Fruits: [F] Nangutta near Eden, N.S.W., W. Baeuerlen.
- 225 苹果桉 *bridgesiana* R. T. Bak. [F] between Bright & Germanton, Vic., J. H. Maiden.
- 227 软木桉 *malacoxylon* Blakely Buds: [F] Hanging Rock, Nundle, N.S.W., J. H. Maiden & J. L. Boorman, June 1906. Fruits: [H] NSW30907 14 miles NE. of Bendemeer, N.S.W., G. Battarbee, 26 Nov. 1955.
- 228 斑克斯桉 *banksii* Maiden Buds: [F] Wallangarra, N.S.W.-Qld. Border, J. L. Boorman. Fruits [F] Wilson's Downfall, N.S.W., R. H. Cabbage.
- 229 桉萼桉 *goniocalyx* F. Muell. ex Miq. Buds: [F] Snowy River, Vic. & N.S.W., collector unknown. Fruits: [F] Macalister Range, Vic., F. von Mueller.
- 230 诺顿桉 *nortonii* (Blakely) L. Johnson [H] NSW 54073 Woolomin, N.S.W., E. A. Norton, May 1927.
- 233 美味桉 *mannifera* Mudie ssp. *mannifera* [H] Hanging Rock, Nundle, N.S.W., J. H. Maiden, & J. L. Boorman, June 1906.
- 233a 古氏美味桉 *mannifera* Mudie ssp. *gullickii* (R. T. Bak. et H. G. Sm.) L. Johnson [H] Frederica Falls, Lawson, N.S.W., R. T. Baker, 10 Apr. 1899.
- 234 椭圆美味桉 *mannifera* Mudie ssp. *elliptica* (Blakely et McKie) L. Johnson [F] Mt. Lindsay Station, Nandewar Mtns., N.S.W., R. H. Cabbage 2348, 4 Nov. 1909.
- 235 卢比红桉 *rubida* Deane et Maiden Buds: [F] Jindabyne, N.S.W., J. H. Maiden. Fruits: [F] Gundaroo, N.S.W., J. W. Dwyer.
- 235a 查普曼桉 *chapmaniana* Cameron [H] FRI14614 Upper Kiewa Valley, Vic., N. Hall, May 1951.
- 236 山桉 *dalrympleana* Maiden ssp. *dalrympleana* [F] Tumberumba, N.S.W., W. A. W. de Beuzeville.
- 236a 七花山桉 *dalrympleana* Maiden ssp. *heptantha* L. Johnson Buds: [H] FRI11912 Waring State Forest, N.S.W., W. A. W. de Beuzeville, 27 May 1940. Fruits: [H] NSW89460 17 miles E. of Walcha, N.S.W., J. H. Maiden, Nov. 1897.
- 237 粉绿桉 *glaucescens* Maiden et Blakely Buds: [F] Summit of Mt. Baw Baw, Vic., F. von Mueller. Fruits: [F] Tingiringi Mountain, N.S.W., W. Baeuerlen.
- 238a 莫里斯比桉 *morrisbyi* Brett Buds: [H] FRI12304 near junction of South Arm and Clifton Beach Rds., South of Hobart, Tas., L. Langley, Jan. 1963. Fruits: [H] FRI11908 National Park, Tas., C. E. Carter, Feb. 1947.
- 239 冈尼桉 *gunnii* Hook. f. Buds: [F] "Cider Tree" Marlborough, Tas., R. Gunn 1082, J. D. Hooker, 17 Oct. 1840. Fruits: [F] Lake Arthur, Tas., R. Gunn 1084, 18 Feb. 1843.
- 240 坛果桉 *urnigera* Hook f. [F] Mt. Wellington, Tas., R. Gunn 1074, 1844.
- 242 圆叶雪桉 *perriniana* F. Muell. ex Rodway [F] near Hotel, Mt. Kosciusko, N.S.W., J. H. Maiden.
- 243 克鲁斯桉 *kruseana* F. Muell. [F] 50-100 miles E. of Kalgoorlie, W.A., Henry Deane, May 1909.
- 243a 短叶桉 *brachyphylla* C. A. Gardn. Buds: [C] near Lake Cowan, W.A., G. E. Brockway, July 1940. Fruits: [C] Binnaringa Rock, W.A., R. J. Donovan, 10 Aug. 1959.
- 244 心叶桉 *cordata* Labill. Buds: [F] Mt. Wellington, Tas., R. D. Fitzgerald. Fruits: [F] Huon Mt., Northwest River, R. Gunn 1071, 27 Oct. 1839.

- 244a 约圆肉核 *crenulata* Blakely et de Beuzeville [H] FRI13634 Healesville Forest Office, Vic., L. Langley, May 1966.
- 245 粉桧 *pulverulenta* Sims [F] Mt. Blaxland, Cox's River, N.S.W., R. H. Cambage & J. H. Maiden.
- 246 球形果桧 *preissiana* Schau. Buds: [F] Botanic Gardens, Hobart, Tas. (cultivated), J. H. Maiden. Fruits: [F] Takalarup Rd., W.A., J. H. Maiden.
- 247 圆果桧 *megacarpa* F. Muell. Buds: [F] Botanic Gardens, Melbourne, Vic. (cultivated), W. R. Guilfoyle. Fruits: [F] off Princess Royal Harbour, Albany, W.A., J. H. Maiden, Nov. 1909.
- 247a 刺冠桧 *coronata* C. A. Gardn. [C] Top of north end of Whoogarup Range, W.A., A. S. George 1947, 2 Dec. 1960.
- 248 球桧 *globulus* Labill. Buds: [F] Flinders Island, Tas., R. Gunn 1070, 1842. Fruits: [F] Port Arthur, Tas., J. H. Maiden.
- 250 双肋桧 *bicostata* Maiden et al. Buds: [H] FRI14613 Mulwala House, Parkes, A.C.T. (cultivated), Marjorie Hall, 18 Oct. 1967. Fruits: [F] Jenolan Caves, N.S.W., John Duff.
- 261 直干蓝桧 *maidenii* F. Muell. Buds: [F] Colombo, Candelo, N.S.W., W. Baeuerlen. Fruits: [F] Araluen Mountain, N.S.W., J. H. Maiden.
- 262 铜果桧 *cypellocarpa* L. Johnson Buds: [F] Mt. Victoria, N.S.W., J. H. Maiden. Fruits: [F] Mt. Lindsay, Nandewar Mountains, N.S.W., R. H. Cambage 2393.
- 263 亮基桧 *nitens* Maiden Buds: [F] Haydons Bog, Delegate district, N.S.W., W. Baeuerlen. Fruits: [F] Delegate River, N.S.W., W. Baeuerlen.
- 264 肉泽桧 *kitsoniana* Maiden Buds: [F] Powlett Plains, South Gippsland, Vic., A. E. Kitson, 3 Feb. 1903. Fruits: [F] near Foster, South Gippsland, Vic., A. W. Howitt, 14 Nov. 1888.
- 265 狭米圆叶桧 *neglecta* Maiden [F] Upper Livingston Ck., Omeo, Vic., A. W. Howitt.
- 266 泽叶桧 *vernica* Hook f. Buds: [F] Fatigue Hill, Tas., R. Gunn 1113, 4 Apr. 1842. Fruits: [F] Mount La Perouse, Tas., L. Rodway.
- 267 圆肉桧 *subcrenulata* Maiden et Blakely Buds: [H] ANU8566 Mt. Field, Tas., L. Pryor. Fruits: [K] H7016 National Park, Tas., C. E. Carter, Feb. 1947.
- 269 约翰斯顿桧 *johnstonii* Maiden Buds: [F] The Springs, Mt. Wellington, Tas., R. H. Cambage 4003. Fruits: [F] The Springs, Mt. Wellington, Tas., J. H. Maiden & R. H. Cambage.
- 270 博氏桧 *baeuerlenii* F. Muell. Buds: [F] Sugarloaf Mt., Braidwood, N.S.W., W. Baeuerlen, Sept. 1889. Fruits: [F] Sugarloaf Mt., Braidwood, N.S.W., W. Baeuerlen, Aug. 1898.
- 271 溪谷桧 *badjensis* de Beuzeville et Welch [F] Head of Big Badja Mountain, N.S.W., W. A. W. de Beuzeville, Jan. 1924.
- 272 四棱桧 *quadrangulata* Deane et Maiden Buds: [F] Hill Top, N.S.W., J. H. Maiden. Fruits: [F] Bundanoon, N.S.W., J. L. Boorman.
- 273 毛皮桧 *macarthurii* Deane et Maiden Buds: [F] Fitzroy Falls, N.S.W., W. Forsyth. Fruits: [F] Berrima, N.S.W., J. H. Maiden & J. L. Boorman.
- 274 史密斯桧 *smithii* R. T. Bak. [F] Sugarloaf Mt., Braidwood, N.S.W., W. Baeuerlen.
- 275 边心桧 *benthamii* Maiden et Cambage var. *benthamii* [F] banks of Nepean River, near Cobbity, N.S.W., R. H. Cambage & J. H. Maiden, June 1913.
- 276 多里边心桧 *benthamii* Maiden et Cambage var. *dorrigoensis* Blakely [H] FRI1863 Meeghan, Dorrigo District, N.S.W., W. A. W. de Beuzeville 313, 24 Sept. 1931.
- 277 多棱桧 *viminalis* Labill. Buds: [F] Circular Head, Tas., R. Gunn 1090. Fruits: [F] Andersons Ck., Vic., C. Walter.
- 278 普赖尔桧 *pryoriana* L. Johnson Buds: [C.S.], Fruits: [H] FRI12134 between Rosedale and Longford, Vic., Ken. Eldridge, 19 Oct. 1962.
- 283 灰桧 *cinerea* F. Muell. ex Benth. Buds: [F] Lime Kilns near Wattle Flat, about 20 miles N. of Bathurst, N.S.W., R. H. Cambage & J. H. Maiden. Fruits: [F] Barbers Ck., near Marulan, N.S.W., J. H. Maiden.
- 284 大果桧 *cephalocarpa* Blakely [H] Upper Yarra district, Vic., J. Blackburne, Apr. 1906.
- 285 新英格兰桧 *nova-anglica* Deane et Maiden [F] Moona Plains, Walcha, N.S.W., A. R. Crawford.
- 286 黄带白桧 *houseana* W. V. Fitzg. ex Maiden Buds: [F] Isdell River near Mt. Barnett Homestead, W.A., W. V. Fitzgerald 1014, May 1905. Fruits: [H] Upper Charaley River, W.A., C. A. Gardner, 14 Sept. 1921.
- 286a 无柄叶桧 *apodophylla* Blakely et Jacobs Buds: [H] near Stapleton, N.T., M. R. Jacobs 62, 23 March 1933. Fruits: [F] Pine Ck., N.T., G. F. Hill 345.
- 287 木尔桧 *mooreana* W. V. Fitzg. ex Maiden [F] Summit of Mt. Rason, King Leopold Range, W.A., W. V. Fitzgerald, Sept. 1905.
- 288 铁合桧 *gamophylla* F. Muell. Buds: [F] Central Australia, C. Winnecke, 1883. Fruits: [F] near boundary of South and Western Australia, Elder Exploring Expedition, R. Helms, 17 July 1891.
- 289 番菜桧 *shirleyi* Maiden [F] Stannary Hills, Qld., T. L. Bancroft, Dec. 1908.
- 290 桧上桧 *argillacea* W. V. Fitzg. [F] base of Mt. House, W.A., W. V. Fitzgerald 962, May 1905.