**Cheilocostus speciosus** (J. Koenig) C. Specht

Native from S. China to tropical Asia & Queensland. Syn.: *Costus speciosus* (J. Koenig) Sm., among others.

**Lyon L-67.1091**, source?; pre-1956; voucher: KMN 504 - HLA, USNA, UH, KIEV, US, BISH, L; KMN 2363 - HLA, E; verified by R.M. Smith. Growing in H39, along road before Economic Sec.; planted mauka/DH of H23-4-3 *Elaeocarpus* (this can be eliminated).
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Right: **L-80.0701**, from Foster B.G. 76.1360. 
Planted above H23-4a-4.

**Variants:**

**L-87.0637** (*bracts hard, red*), Philippines: coll. by R. Hirano; voucher: KMN 3927 - HLA; ID by K. Nagata. 
Planted H30, along road, just mauka of *Heliconia pastazae* (Dec 88).

**L-94.0405** (*pink flowers*), Indonesia: E. Java; from Jack Craig; voucher: AN 026 – HLA (1). Planted DH of A6-17-1, up slope from *Hornstedtia* (Mar 95); and near H30-24-4, mauka of grove of skinny *Pinanga* (May 96) - both sites too shady.

**L-94.0411** (*slightly pink in lateral staminodes*), 
Indonesia; Jack Craig (has its own page).

**L-95.0483** (*green bracts*), Vanuatu: from Alan Carle 93.536 (has its own page). 

**Nong Nooch 11485**, DEAD at Lyon?

Also: **L-93.0422**, Indonesia?: (Oahu), from Mary S. Gaspar, as C. sp. Planted MLMauka, above top banyan (Oct 93), this could be eliminated? --RFB.

Above: **L-82.0178**, from Waimea 75p1396; 
Papua N. Guinea: K. Woolliams 75.340, as *Tapeinocheilos*; Subitana, 54km from UPNG, 1800-2000' elev., 50% shade, 125-150" rainfall.. 
Voucher: KMN 3114 - U only; 3438 - HLA; ID by P. Maas. Planted below H23-6-2 *Tecoma* (May 82), **DEAD** by Jul 2001.

Also: **L-93.0422**, Indonesia?: (Oahu), from Mary S. Gaspar, as C. sp. Planted MLMauka, above top banyan (Oct 93), this could be eliminated? --RFB.
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Lyon L-92.0166, (photos are from volunteer plant in Vanilla Valley).

MORE
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L-95.0483 (green bracts), Vanuatu: from Alan Carle 93.536; voucher: AN 030 – HLA (2). Planted near A6-19-1, between Roystonea and Areca triandra (Nov 95).
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L-81.0637 (variegated), Oahu: from Masuo Moriwaki, as C. sp.; voucher: KMN 3048 -HLA, U; ID by P. Maas. Planted above H23-5-5 (Aug 81); and ULMakai, under Latanias (same source?).

(L-82.0475 (variegated), Oahu, from Yoneo Sagawa. Planted near H23-4a-5 (May 82), DEAD?)