

CUPRESSACEAE

Chamlong Phengkhai*

A family with only 9 genera, widespreading in the temperate region and not very frequent in the tropics, is characteristic by its scale-like leaves with white bands of stomata on the lower surface.

The family is represented in Thailand by one genus, and only one species is so far recorded.

CALOCEDRUS

Kurz in J. Bot. XI : 196 t. 133. 1873.

Evergreen, monoecious tree, branchlets flattened, divided into fine spray; bark thin, scaly or defoliating in long strips. *Leaves* small, scale-like, closely adpressed and overlapping; male and female flowers usually on different branches. *Male flowers* terminal, oblong with 6–10 stamens. *Female flowers* oblong with 4–6 bracts. *Cone* woody, erect, oblong, 6–scaled; scales bearing 1 or 2 seeds. *Seeds* with 2 unequal wings.

Calocedrus macrolepis Kurz

This species has been recorded for the first time in Thailand during the Thai-Dutch Botanical expedition in 1966; at that time only male flowers had been collected. Two years later female flowers were collected, enabled to confirm its true identity. — Fig. 3

Thailand.— NORTH-EASTERN : Loei, Phu Laung (Hennipman 3609 & BKF 35668); Phu Kradueng, 1300 m, (Smitinand 11799)

Distribution.— China, S.W. Yunnan (Type), Burma, Shan States and Thailand.

Ecology.— Along stream banks in the lower montane forest at 800–1300 m altitudes.

Vernacular.— Paek lom uinaw (Loei).

* Forest Herbarium, Royal Forest Department, Bangkok 9, Thailand.

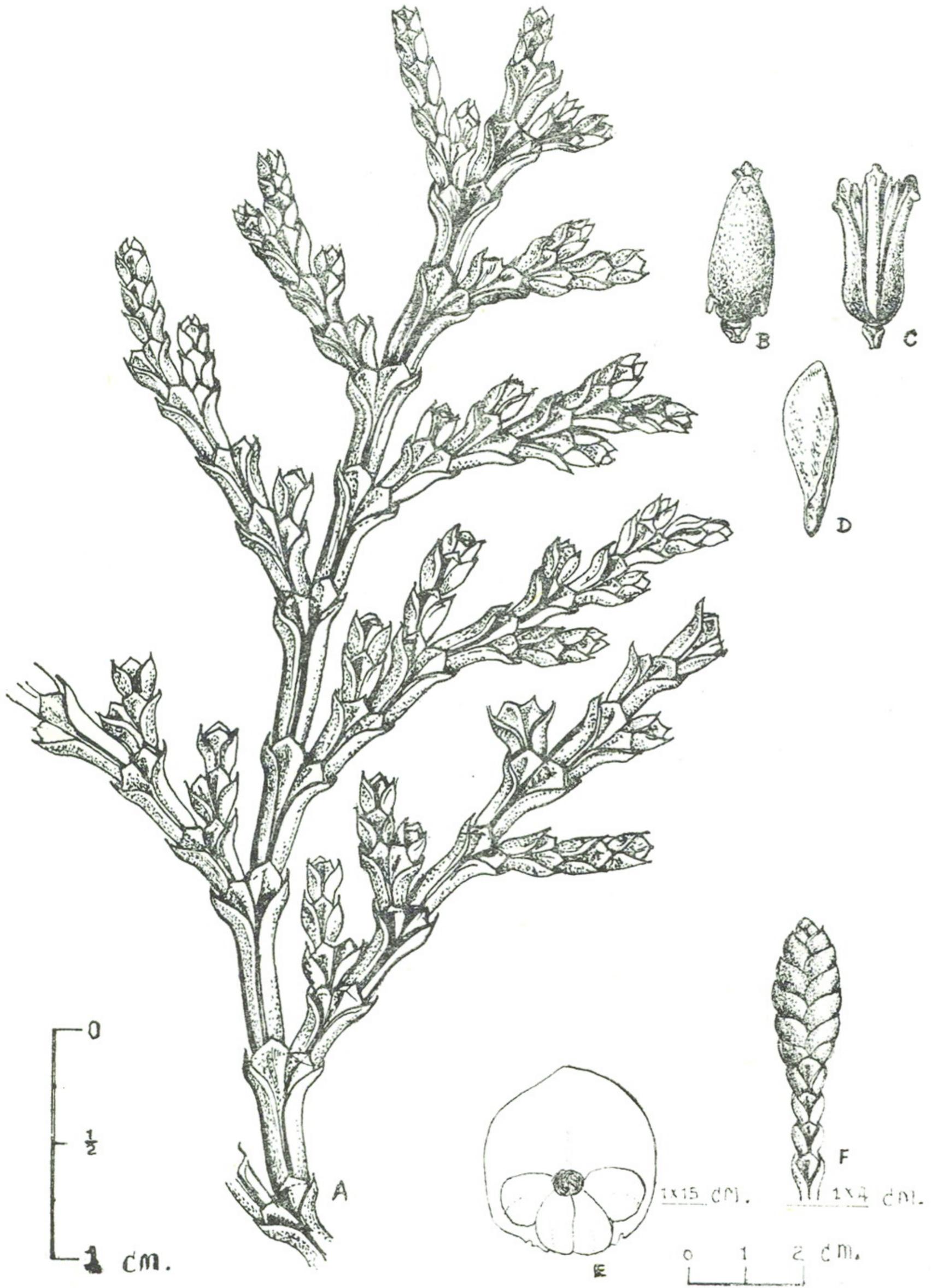


Fig. 3 *Calocedrus macrolepis* Kurz A. Twig x 4 B. & C. ♀ cone x 4 D. seed x 4 E. scale of ♂ cone from inside x 15 F. ♂ cone (E. & F. from Blumea Vol. XV No. II. 268. 1967)