10. CEDRUS Trew, Cedr. Lib. Hist. 1: 6. 1757, nom. cons.

雪松属 xue song shu

1. Cedrus deodara (Roxburgh) G. Don in Loudon, Hort. Brit. 1: 388. 1830.

雪松 xue song

Pinus deodara Roxburgh, Fl. Ind., ed. 1832, 3: 651. 1832; *Cedrus libani* A. Richard subsp. *deodara* (Roxburgh) P. D. Sell; *C. libani* var. *deodara* (Roxburgh) J. D. Hooker.

Trees to 60 m tall; trunk to 3 m d.b.h.; bark dark gray, cracking into irregular scales; branches horizontal, slightly tilted or slightly pendulous; long branchlets usually pendulous, pale grayish yellow and densely pubescent with some white powder in 1st year, thereafter gravish: winter bud scales curved outward at base. Leaves radially spreading on long branchlets, in apparent fascicles of 15-20 on short branchlets, initially pale green, aging dark green, linear but broader distally, triangular in cross section, $2.5-5 \text{ cm} \times 1-1.5 \text{ mm}$, hard, stomatal lines 2 or 3 adaxially and 4–6 abaxially, apex acuminate. Seed cones shortly pedunculate, pale green, initially with some white powder, becoming reddish brown when ripe, ovoid or broadly ellipsoid, $7-12 \times 5-$ 9 cm. Seed scales flabellate-obtriangular, $2.5-4 \times 4-6$ cm, margin auriculate into a claw at base, cuneate in central part, incurved distally. Seeds ± triangular, ca. 1 cm; wing ca. 1.5×2 cm.

Native in extreme SW Xizang; extensively cultivated as an ornamental in Anhui, Fujian, Guangdong, Guangxi, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Liaoning, Shaanxi, Shandong, Taiwan, Yunnan, Zhejiang [E Afghanistan, N India, Kashmir, W Nepal, NW Pakistan]. The timber is utilized in shipbuilding, furniture, bridges, and construction.

2. Cedrus atlantica (Endlicher) Manetti ex Carrière, Traité Gén. Conif. 285. 1855.

北非雪松 bei fei xue song

Pinus atlantica Endlicher, Syn. Conif. 137. 1847; *Cedrus libani* A. Richard subsp. *atlantica* (Endlicher) Battandier & Trabut; *C. libani* var. *atlantica* (Endlicher) J. D. Hooker. Trees to 30 m tall; trunk to 1.5 m d.b.h.; crown pyramidal when young; branchlets horizontal or tilted upward distally; branchlets many 2-ranked, opposite or alternate, usually not pendulous, pale yellow-brown, pubescent in 1st year, thereafter dark gray; winter buds conical. Leaves on short branchlets in apparent fascicles of 19–28, dark green, linear, \pm quadrangular in cross section, 15–35 cm × ca. 1 mm, stomatal lines 2–5 along both surfaces, apex acuminate. Seed cones tinged purple before fertilization, pale brown at maturity, ovoid-columnar to columnar, ca. 7 × 4 cm. Seed scales flabellate or obtriangular, ca. 3.5 mm wide. Seeds \pm triangular, ca. 1.2 cm; wing cuneate, 1.3–1.5 cm.

Cultivated as an ornamental. Jiangsu (Nanjing Shi) [native to NW Africa (Algeria, Morocco)].

Flora of China 4: 52. 1999.