



Carex angustata. (A) Pistillate scales (center scale with perigynium), (B) perigynia, (C) achenes, (D) inflorescences. A through C: Left and center—dorsal views; right—ventral view.

***Carex angustata* Boott**
Narrow fruit sedge

SYNONYM: *C. eurycarpa* Holm.

HABIT: Loosely cespitose or densely tufted from stout, short-creeping, scaly rhizomes, often forming dense swards. **Culms:** Reddish tinged at the base, 4-9 dm tall, 4-5 mm thick, exceeding the leaves, **aphyllopodic**.

LEAVES: 3-4, borne on the lower one-fourth of the culm. **Blades:** Flat with revolute margins, papillate, 2-7 mm wide. **Sheaths:** Reddish ventrally, hispidulous dorsally, the lower ones breaking and becoming cross-filamentose.

BRACTS: Leaflike, sheathless, equaling or exceeding the inflorescence.

SPIKES: 3-6, elongate, remote, brown. **Staminate:** Terminal, linear, 3-4 cm long, 5 mm wide, peduncled, sometimes with 1 or 2 small lateral staminate spikes near its base. **Pistillate:** 2-4, lateral, sometimes androgynous, erect, sessile or short-peduncled, densely flowered, 2.5-4.5 cm long, 5 mm wide; perigynia appressed-ascending.

PISTILLATE SCALES: Lanceolate with acute to cuspidate tip, equaling or exceeding and narrower than the perigynia, reddish black or brown with a paler midrib.

PERIGYNIA: Obovate to suborbicular-obovate, rounded at the substipitate base, rounded and abruptly apiculate at the apex, unequally biconvex, slightly inflated, granular-roughened, resinous-dotted, brownish, 2.1-3 mm long, 1.2-2 mm wide. **Nerves:** 3-7 on each surface, prominent or weakly striated; margins sharp-nerved, often with a few stiff, deciduous cilia when immature. **Beaks:** Slender, entire, or slightly emarginate, 0.2-0.5 mm long.

ACHENES: Obovate, lenticular, apiculate, substipitate, brownish, 1-1.5 mm long, 0.7-1.3 mm wide. **Stigmas:** 2.

HABITAT AND DISTRIBUTION: Occasional. Wet meadows, margins of streams, and lake shores. **Middle elevations.** Washington to Oregon, northern California, central Idaho, and western Montana. **May-July.**