

STURDY BULRUSH

Schoenoplectus robustus

(Pursh) M.T. Strong

plant symbol = SCRO5

Contributed By: USDA, NRCS, National Plant Data Center



Scirpus robustus

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Alternative Names

bulrush, alkali bulrush, three cornered rush, leafy three-cornered sedge, stout bulrush

Uses

Wildlife: Sturdy bulrush seeds are an important food source to muskrat, waterfowl, ducks, geese, and other water birds. This species also provide cover for nesting birds.

Status

Please consult the PLANTS Web site and your State Department of Natural Resources for this plant's current status, such as, state noxious status, and wetland indicator values.

Description

General: Sedge family (Cyperaceae). Sturdy bulrush is a native, perennial sedge that grows up to three and a half feet tall. The leaves are grasslike, long and narrow, up to twenty-four inches long. The flowers are born in three or more spikelets that are covered by brown scales (Tiner 1987), flowering between April and August. The fruit is a dark brown or black achene with pits that fruit between July and October.

Distribution: Sturdy bulrush grows from Maine, south to Florida and west to Texas. For current distribution, please consult the Plant profile page for this species on the PLANTS Web site.

Adaptation

Sturdy bulrush occurs in swampy meadows, along streams, swamps, sloughs, and borders of oxbow lakes in river flood plains. This is a wetland species that grows best in *Schoenoplectus* communities with water levels between -6 and +5 inches with a soil pH ranging from 4.3 to 6.4.

Establishment

Propagation by Seed: Sturdy bulrush seeds should be sown in a cold frame as soon as they are ripe in a pot standing in three centimeters of water. The seeds germinate quickly. When they are large enough to handle, out-plant into their permanent positions in early summer.

Large divisions can be planted directly into their permanent positions. It is best to pot smaller divisions and grow them in a cold frame and out-planting when they are well established in the summer.

Management

After seed planting, water level over sturdy bulrush seeds should be maintained at one foot for two weeks. Periodic flooding up to three feet should occur until the seedlings are established.

Cultivars, Improved and Selected Materials (and area of origin)

Available through commercial nurseries dealing with wetland plants.

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Prepared By

Jammie Favorite

formerly USDA, NRCS, National Plant Data Center
Baton Rouge, Louisiana

Species Coordinator

Lincoln M. Moore

USDA, NRCS, National Plant Data Center
Baton Rouge, Louisiana

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