

**Sedges and Rushes  
of the Texas Mid-Coast National Wildlife Refuge  
Complex and its Counties**

by

**Thomas Adams**

**Peggy Romfh**

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**First Edition 2016**

**This book provides photo-documentation of species of sedges (Family Cyperaceae) and rushes (Family Juncaceae) observed growing on the Texas Mid-Coast National Wildlife Refuge and/or within its counties.**

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**Peggy and Pete Romfh are members of the Texas Master Naturalist, Cradle of Texas Chapter**

## **Acknowledgements:**

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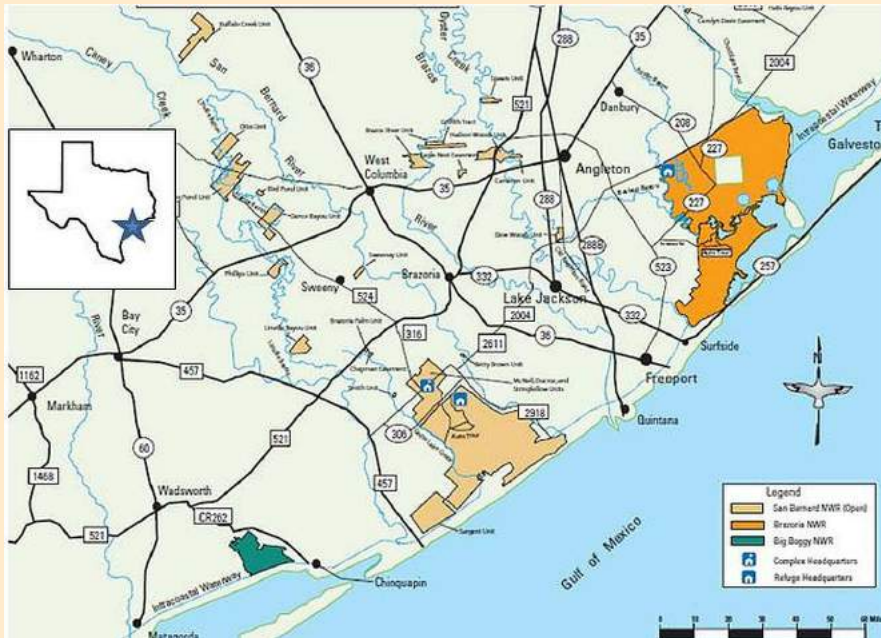
**Aaron Tjelmeland – Upper Coast Director, The Nature Conservancy, Texas**

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**David Heinicke – Park Ranger, Brazos Bend State Park, Texas**

**Carol A. Jones – Director, Gulf Coast Bird Observatory, Lake Jackson, Texas**



Source: USFWS

### Sites for Photos:

- Texas Mid-Coast Wildlife Refuge Complex (United States Fish and Wildlife Service)**
- The Nash and Nowotny Prairie Preserves (The Nature Conservancy)**
- Gulf Coast Bird Observatory**
- Brazos Bend State Park**
- Brazoria County**
- Matagorda County**
- Fort Bend County**



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## Species List

### Family Cyperaceae - Sedges

- Bolboschoenus robustus* - Sturdy Bulrush  
*Carex basiantha* - Willdenow's Sedge  
*Carex blanda* - Eastern Woodland Sedge  
*Carex brevior* - Shortbeak Sedge  
*Carex bulbostylis* - False hair Sedge  
*Carex caroliniana* – Carolina Sedge  
*Carex cephalophora* - Oval-leaf Sedge  
*Carex cherokeensis* - Cherokee Sedge  
*Carex corrugata* - Prune-fruit Sedge  
*Carex crus-corvi* - Ravenfoot Sedge  
*Carex flaccosperma* - Thinfruit Sedge  
*Carex frankii* - Frank's Sedge  
*Carex hyalinolepis* – Shoreline Sedge  
*Carex leavenworthii* - Leavenworth's Sedge  
*Carex lupuliformis* - False Hop Sedge  
*Carex meadii* - Mead's Sedge  
*Carex retroflexa* - Reflexed Sedge  
*Carex tetrastachya* - Britton's Sedge  
*Carex triangularis* - Eastern Fox Sedge  
*Cladium mariscus* subsp. *jamaicense* –  
Jamaica Swamp Sawgrass  
*Cyperus acuminatus* - Tapertip Flatsedge  
*Cyperus articulatus* - Jointed Flatsedge  
*Cyperus cephalanthus* - Buttonbush  
Flatsedge  
*Cyperus compressus* - Poorland Flatsedge  
*Cyperus difformis* - Variable Flatsedge  
*Cyperus echinatus* - Globe Flatsedge  
*Cyperus elegans* - Royal Flatsedge  
*Cyperus entrerianus* - Woodrush Flatsedge  
(Deep-rooted Sedge)  
*Cyperus erythrorhizos* - Redroot Flatsedge  
*Cyperus esculentus* var. *leptostachyus* -  
Yellow Nutsedge  
*Cyperus grayoides* - Illinois Flatsedge  
*Cyperus haspan* - Haspan Flatsedge  
*Cyperus iria* - Ricefield Flatsedge  
*Cyperus ochraceus* - Pond Flatsedge  
*Cyperus odoratus* - Fragrant Flatsedge  
*Cyperus oxylepis* - Sharp-scale Flatsedge  
*Cyperus pseudovegetus* - Marsh Flatsedge  
*Cyperus reflexus* - Bentawn Flatsedge  
*Cyperus retrorsus* - Pine Barren Flatsedge  
*Cyperus squarrosus* - Bearded Flatsedge  
*Cyperus strigosus* - Straw-colored Flatsedge  
*Cyperus surinamensis* - Tropical Flatsedge  
*Cyperus thyrsoiflorus* - Southern Flatsedge  
*Cyperus virens* - Green Flatsedge  
*Eleocharis albida* - White Spikerush  
*Eleocharis cellulosa* - Gulf Coast Spikerush  
*Eleocharis macrostachya* - Pale Spikerush  
*Eleocharis montana* - Mountain Spikerush  
*Eleocharis montevidensis* - Sand Spikerush  
*Eleocharis quadrangulata* - Squarestem  
Spikerush  
*Eleocharis wolfii* - Wolf's Spikerush  
*Fimbristylis castanea* - Marsh Fimbry  
*Fimbristylis decipiens* - Southern Fimbry  
*Fimbristylis dichotoma* - Forked Fimbry  
*Fimbristylis puberula* var. *puberula* - Hairy  
Fimbry  
*Fimbristylis quinquangularis* - Fiveangle Fimbry  
*Fuirena squarrosa* - Hairy Umbrella-Sedge  
*Isolepis carinata* - Keeled Bulrush  
*Kyllinga brevifolia* – Shortleaf Spikesedge  
*Kyllinga odorata* - Fragrant Spikesedge  
*Oxycaryum cubense* - Cuban Bulrush

## Species List

*Rhynchospora caduca* - Anglestem Beaksedge  
*Rhynchospora colorata* - Starrush Whitetop  
*Rhynchospora corniculata* - Shortbristle Horned  
Beaksedge  
*Rhynchospora elliotii* - Elliott's Beaksedge  
*Rhynchospora globularis* var. *globularis* - Globe  
Beaksedge  
*Rhynchospora indianolensis* - Indianola  
Beaksedge  
*Schoenoplectus americanus* - Chairmaker's  
Bulrush (Olney Bulrush)  
*Schoenoplectus californicus* - California Bulrush  
*Schoenoplectus pungens* - Common  
Threesquare  
*Scleria baldwinii* - Baldwin's Nutrush  
*Scleria ciliata* var. *ciliata* - Fringed Nutrush  
*Scleria oligantha* - Littlehead Nutrush  
*Scleria pauciflora* - Fewflower Nutrush

### Family Juncaceae - Rushes

*Juncus acuminatus* - Tapertip Rush  
*Juncus brachycarpus* - Whiteroot Rush  
*Juncus bufonius* - Toad Rush  
*Juncus dichotomus* - Forked Rush  
*Juncus diffusissimus* - Slimpod Rush  
*Juncus effusus* - Common Rush  
*Juncus marginatus* – Grassleaf Rush  
*Juncus nodatus* - Stout Rush  
*Juncus polycephalus* - Manyhead Rush  
*Juncus scirpoides* - Needlepod Rush  
*Juncus tenuis* - Poverty Rush  
*Juncus torreyi* - Torrey's Rush  
*Juncus validus* - Roundhead Rush

### Abbreviations

**(N)** - native species  
**(I)** - introduced species

**Family Cyperaceae**  
**Sedges**

*Bolboschoenus robustus* (N)

Sturdy Bulrush



*Carex basiantha* (N)  
Willdenow's Sedge





*Carex blanda* (N)  
Eastern Woodland Sedge



***Carex brevior* (N)**  
**Shortbeak Sedge**



*Carex bulbostylis* (N)  
False hair Sedge



*Carex caroliniana* (N)  
Carolina Sedge



*Carex cephalophora* (N)  
Oval-leaf Sedge



*Carex cherokeensis* (N)

Cherokee Sedge



*Carex corrugata* (N)  
Prune-fruit Sedge



*Carex crus-corvi* (N)  
Ravenfoot Sedge





*Carex flaccosperma* (N)

Thinfruit Sedge



*Carex frankii* (N)  
Frank's Sedge



*Carex hyalinolepis* (N)

Shoreline Sedge



*Carex leavenworthii* (N)  
Leavenworth's Sedge



*Carex lupuliformis* (N)

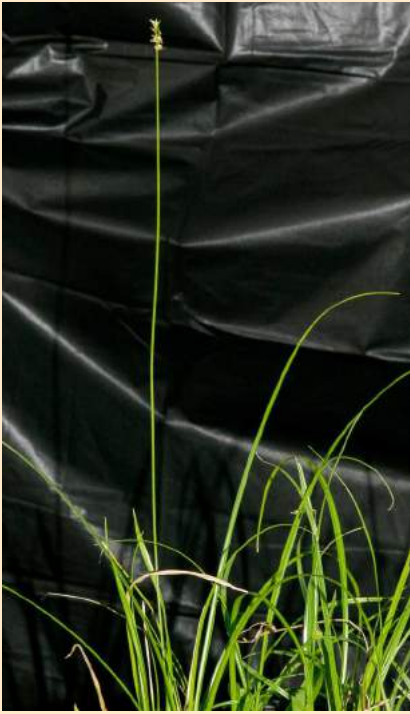
False Hop Sedge



*Carex meadii* (N)  
Mead's Sedge



*Carex retroflexa* (N)  
Reflexed Sedge



*Carex tetrastachya* (N)

Britton's Sedge





*Carex triangularis*  
Eastern Fox Sedge



*Cladium mariscus* subsp. *jamaicense* (N)

Jamaica Swamp Sawgrass



*Cyperus acuminatus* (N)

Tapertip Flatsedge



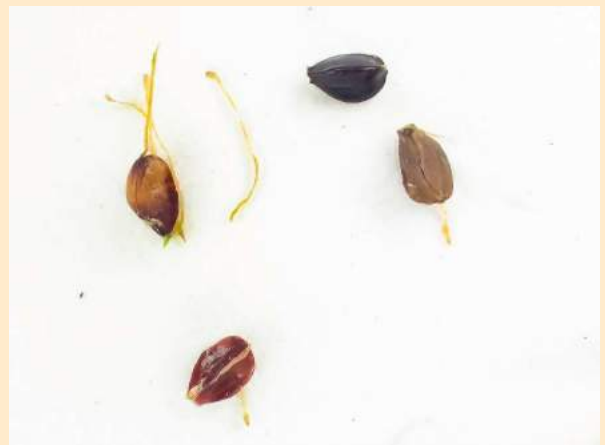
*Cyperus articulatus* (N)  
Jointed Flatsedge



*Cyperus cephalanthus* (N)  
Buttonbush Flatsedge



*Cyperus compressus* (N)  
Poorland Flatsedge



*Cyperus difformis* (L)  
Variable Flatsedge



*Cyperus echinatus* (N)

Globe Flatsedge





*Cyperus elegans* (N)  
Royal Flatsedge



*Cyperus entrerianus* (L)  
Woodrush Flatsedge (Deep-rooted Sedge)



*Cyperus erythrorhizos* (L)

Redroot Flatsedge



*Cyperus esculentus* var. *leptostachyus* (L)  
Yellow Nutsedge



*Cyperus grayoides* (N)  
Illinois Flatsedge



*Cyperus haspan* (N)  
Haspan Flatsedge



*Cyperus iria* (L)  
Ricefield Flatsedge



*Cyperus ochraceus* (N)  
Pond Flatsedge

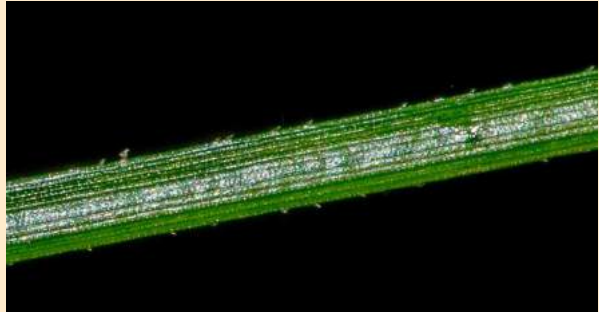




*Cyperus odoratus* (N)  
Fragrant Flatsedge



*Cyperus oxylepis* (N)  
Sharpscale Flatsedge



*Cyperus pseudovegetus* (N)  
Marsh Flatsedge



*Cyperus reflexus* (N)  
Bentawn Flatsedge



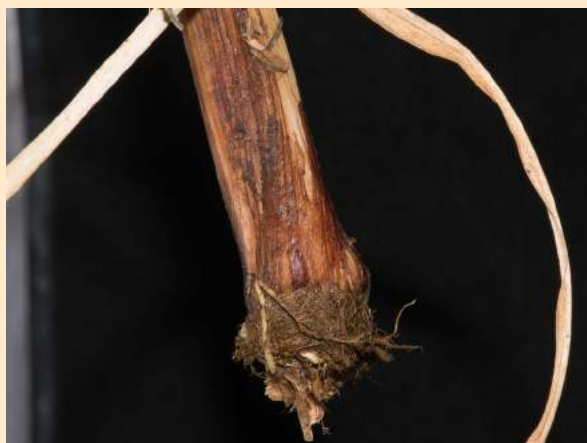
*Cyperus retrorsus* (N)  
Pine Barren Flatsedge



*Cyperus squarrosus* (N)  
Bearded Flatsedge



*Cyperus strigosus* (N)  
Strawcolored Flatsedge



*Cyperus surinamensis* (N)

Tropical Flatsedge





*Cyperus thyrsoiflorus* (N)  
Southern Flatsedge



*Cyperus virens* (N)  
Green Flatsedge



*Eleocharis albida* (N)

White Spikerush

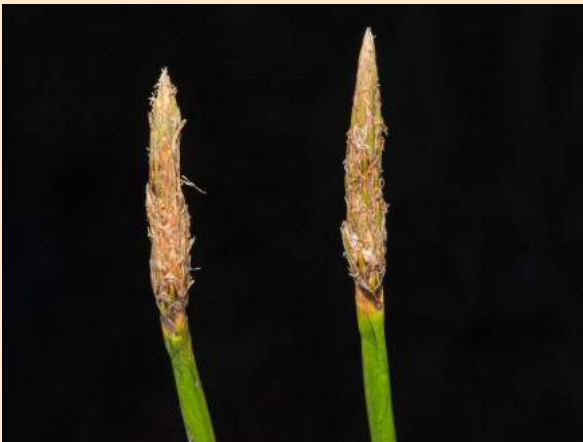


*Eleocharis cellulosa* (N)  
Gulf Coast Spikerush



*Eleocharis macrostachya* (N)

Pale Spikerush



*Eleocharis montana* (N)  
Mountain Spikerush



*Eleocharis montevidensis* (N)

Sand Spikerush



*Eleocharis quadrangulata* (N)

Squarestem Spikerush





*Eleocharis wolfii* (N)

*Wolf's Spikerush*



*Fimbristylis castanea* (N)

Marsh Fimbry



*Fimbristylis decipiens* (N)

Southern Fimbry



*Fimbristylis dichotoma* (N)

Forked Fimbry



*Fimbristylis puberula* var. *puberula* (N)

Hairy Fimbry



*Fimbristylis quinquangularis* (L)

Fiveangle Fimbry



*Fuirena squarrosa* (N)  
Hairy Umbrella-Sedge



*Isolepis carinata* (N)

Keeled Bulrush





*Kyllinga brevifolia* (N)  
Shortleaf Spikesedge



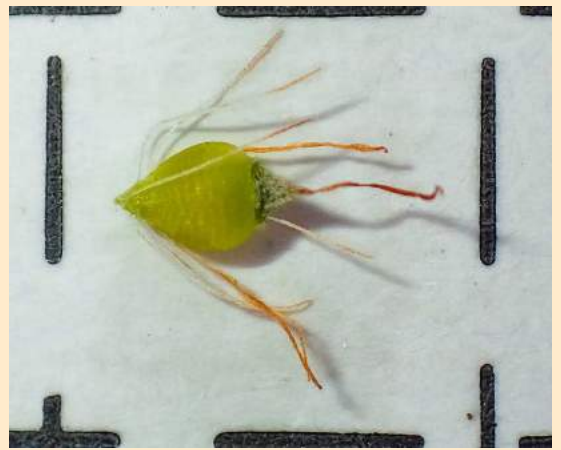
*Kyllinga odorata* (N)  
Fragrant Spikesedge



*Oxycaryum cubense* (L)  
Cuban Bulrush



*Rhynchospora caduca* (N)  
Anglestem Beaksedge



*Rhynchospora colorata* (N)  
Starrush Whitetop

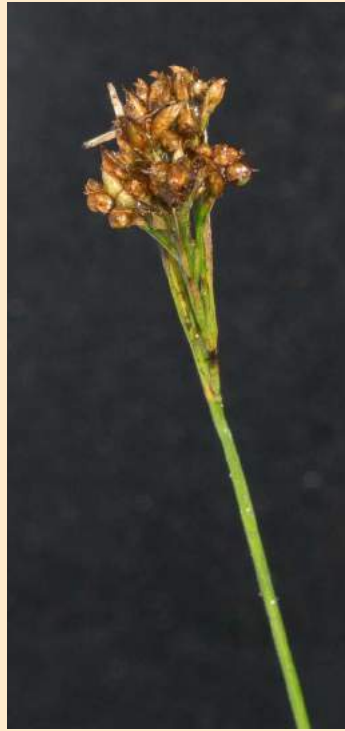


*Rhynchospora corniculata* (N)  
Shortbristle Horned Beaksedge



*Rhynchospora elliottii* (N)

Elliott's Beaksedge



*Rhynchospora globularis* var. *globularis* (N)

Globe Beaksedge





*Rhynchospora indianolensis* (N)

Indianola Beaksedge



***Schoenoplectus americanus* (N)**  
***Chairmaker's Bulrush (Olney's Bulrush)***



*Schoenoplectus californicus* (N)  
California Bulrush



*Schoenoplectus pungens* var. *longispicatus* (N)

Common Threesquare



*Scleria baldwinii* (N)  
Baldwin's Nutrush



*Scleria ciliata* var. *ciliata* (N)

Fringed Nutrush



*Scleria oligantha* (N)

Littlehead Nutrush



*Scleria pauciflora* (N)

Fewflower Nutrush





**Family *Juncaceae***  
**Rushes**

*Juncus acuminatus* (N)  
Tapertip Rush



*Juncus brachycarpus* (N)

Whiteroot Rush



*Juncus bufonius* (N)

Toad Rush



*Juncus dichotomus* (N)

Forked Rush



*Juncus diffusissimus* (N)  
Slimpod Rush



*Juncus effusus* (N)

Common Rush



*Juncus marginatus* (N)

Grassleaf Rush





*Juncus nodatus* (N)

Stout Rush



*Juncus polycephalus* (N)  
Manyhead Rush



*Juncus scirpoides* (N)  
Needlepod Rush



*Juncus tenuis* (N)  
Poverty Rush



*Juncus torreyi* (N)  
Torrey's Rush



*Juncus validus* (N)  
Roundhead Rush



