

V.B.2.N.g.4. SARCOCORNIA PERENNIS - (DISTICHLIS SPICATA, SALICORNIA SPP.) TIDAL HERBACEOUS ALLIANCE ALLIANCE

Woody Glasswort – (Salt Grass, Saltwort Species) Tidal Herbaceous Alliance

Physiognomic Class Herbaceous Vegetation (V.)
Physiognomic Subclass Perennial Forb vegetation (V.B.)
Physiognomic Group Temperate or Subpolar Perennial Forb Vegetation (V.B.5.)
Physiognomic Subgroup Natural/Semi-natural (V.B.5.N.)
Formation Tidal Temperate Perennial Forb Vegetation (V.B.5.N.g.)

Alliance SARCOCORNIA PERENNIS – (DISTICHLIS SPICATA, SALICORNIA SPP.) TIDAL HERBACEOUS ALLIANCE (V.B.5.N.g.4)

Sarcocornia perennis – (distichlis spicata, salicornia spp.) tidal Herbaceous Vegetation

Woody Glasswort – (Saltgrass, Saltwort Species) Tidal Herbaceous Vegetation

Salt Panne

CLASSIFICATION CONFIDENCE LEVEL: 2

USFS WETLAND SYSTEM: ESTUARINE

RANGE:

Fire Island National Seashore

This association occurs as small patches within the high marsh of Fire Island.

Globally

This association occurs within high salt marshes from New Hampshire south to Delaware.

ENVIRONMENTAL SETTING:

Fire Island National Seashore

Salt pannes occur as small patches within the high marsh (*Spartina patens* – *Distichlis spicata* – *Plantago maritima* Herbaceous Vegetation).

Globally

This salt panne vegetation of the northeastern seacoast occurs in hypersaline poorly drained depressions of salt marshes. Substrate is generally poorly drained peat.

MOST ABUNDANT SPECIES:

Fire Island National Seashore

<u>Stratum</u>	<u>Species</u>
Herbaceous	<i>Salicornia virginica</i>

Globally

<u>Stratum</u>	<u>Species</u>
Herbaceous	<i>Salicornia virginica</i>

CHARACTERISTIC SPECIES:

Fire Island National Seashore

Salicornia virginica

Globally

Salicornia virginica, Sueda maritima

VEGETATION DESCRIPTION:

Fire Island National Seashore

Salt pannes of Fire Island are comprised of nearly monospecific stands of *Salicornia virginica*. *Sueda linearis* is a common associate.

USGS-NPS Vegetation Mapping Program
Fire Island National Seashore

Globally

Salicornia virginica (= *Salicornia europaea*) is the dominant species, with associates including *Salicornia bigelovii*, *Pluchea odorata*, *Plantago maritima*, *Atriplex patula*, *Spergularia marina*, and the short form of *Spartina alterniflora*.

COMMENTS:

Fire Island National Seashore

Globally

States/Provinces: NH:S?, MA:S?, CT:S?, NY:S3, NJ:S?, DE:S3

OTHER NOTEWORTHY SPECIES:

CONSERVATION RANK: G5

DATABASE CODE: C EGL006032

MAP UNITS: FIIS (unsampled)

REFERENCES:

Bowman 2000

Breden 1989

Dowhan and Rozsa 1989

Metzler and Barrett 1986

Reshcke 1990