

## ***Helianthus debilis* Beach Sunflower<sup>1</sup>**

Edward F. Gilman, Sydney Park-Brown<sup>2</sup>

### **Introduction**

The Beach Sunflower is a spreading perennial that has attractive, small sunflower-like flower heads which are borne throughout the year (Fig. 1). These showy flowers have 10 to 20, pale yellow rays that encircle a purplish-brown disk that is 1/2 to 1 inch wide. Different species of butterflies are attracted to these charming flowers. The 3-inch-wide flowers of this plant are followed by small seeds that readily germinate to produce plantlets. The Beach Sunflower has small, dark green, deltoid leaves that are irregularly lobed and toothed. These glossy leaves are roughly pubescent and attain a length of 4 inches.

### **General Information**

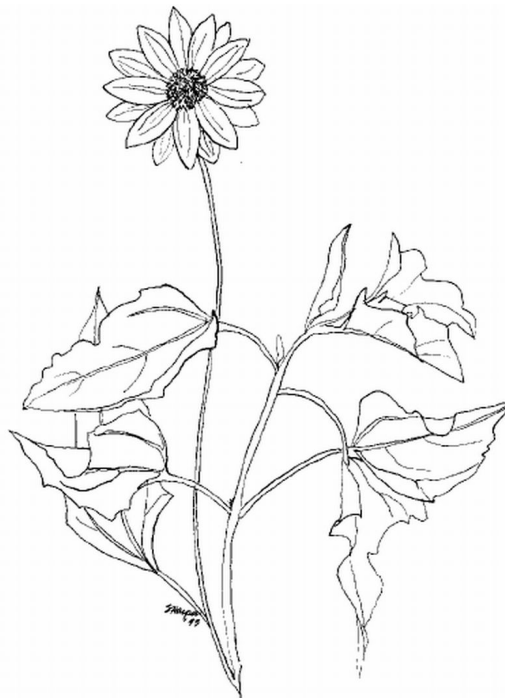
**Scientific name:** *Helianthus debilis*

**Pronunciation:** heel-ee-ANTH-us DEB-bil-liss

**Common name(s):** Beach Sunflower

**Family:** *Compositae*

**Plant type:** herbaceous; perennial; ground cover



**Figure 1.** Beach Sunflower.

**USDA hardiness zones:** 8B through 10 (Fig. 2)

**Planting month for zone 8:** May; Jun; Jul

**Planting month for zone 9:** Apr; May; Jun; Jul; Aug

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2. Edward F. Gilman, professor, environmental Horticulture Department, Sydney Park-Brown, extension agent, Hillsborough County, Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, 32611



**Figure 2.** Shaded area represents potential planting range.

**Planting month for zone 10 and 11:** Feb; Mar; Apr; May; Jun; Jul; Aug; Sep; Oct; Nov; Dec

**Origin:** native to Florida

**Uses:** ground cover; attracts butterflies; border; mass planting; cascading down a wall; edging

**Availability:** somewhat available, may have to go out of the region to find the plant

### Description

**Height:** 2 to 4 feet

**Spread:** 2 to 4 feet

**Plant habit:** spreading

**Plant density:** dense

**Growth rate:** fast

**Texture:** medium

### Foliage

**Leaf arrangement:** alternate

**Leaf type:** simple

**Leaf margin:** dentate

**Leaf shape:** deltoid

**Leaf venation:** pinnate

**Leaf type and persistence:** semi-evergreen

**Leaf blade length:** 2 to 4 inches

**Leaf color:** green

**Fall color:** not applicable

**Fall characteristic:** not applicable

### Flower

**Flower color:** yellow

**Flower characteristic:** year-round flowering

## Fruit

**Fruit shape:** unknown

**Fruit length:** unknown

**Fruit cover:** dry or hard

**Fruit color:** unknown

**Fruit characteristic:** attracts birds; inconspicuous and not showy

## Trunk and Branches

**Trunk/bark/branches:** typically multi-trunked or clumping stems

**Current year stem/twig color:** green

**Current year stem/twig thickness:** medium

## Culture

**Light requirement:** plant grows in full sun

**Soil tolerances:** acidic; alkaline; sand; loam;

**Drought tolerance:** high

**Soil salt tolerances:** good

**Plant spacing:** 18 to 24 inches

## Other

**Roots:** not applicable

**Winter interest:** plant has winter interest due to unusual form, nice persistent fruits, showy winter trunk, or winter flowers

**Outstanding plant:** not particularly outstanding

**Invasive potential:** not known to be invasive

**Pest resistance:** no serious pests are normally seen on the plant

## Use and Management

Beach Sunflower is often used as a flowering ground cover along and near the beach, and reaches a height of about 18 inches. This plant spreads by underground runners and will quickly fill in an area if provided with occasional irrigation along the beach front. Over irrigation in other locations can slow growth and cause plant decline. One or two applications of fertilizer during the year will encourage plants to establish and cover the ground quickly. It looks great when massed as a ground cover. The cut flowers are charming in arrangements indoors.

The Beach Sunflower grows best on well-drained sandy soils. This plant will not tolerate over-watering or over fertilizing and is very drought tolerant. It needs to be placed in an area that receives full sun and will endure high levels of salt spray. Beach Sunflower is an annual in those areas that have freezing temperatures in the winter; however, it will reseed itself or act as a perennial in central Florida.

Varieties and cultivars: var. cupreatus, copper-red rays; var. purpureus, pink or violet rays; var. roseus, rose colored rays; 'Dazzler', chestnut and orange head; 'Excelsior', yellow, red, brown, and purple head; 'Orion', deep yellow head.

Use seeds to propagate this lovely plant.

## Pests and Diseases

No pests or diseases are of major concern.