

SANDWICH BEACH STRAWBERRY

Fragaria chiloensis (L.) P.
Mill. ssp. *sandwicensis* (Dcne.)
Staudt
Plant Symbol = FRCHS2

Contributed By: USDA NRCS National Plant Data Center & East Bay Regional Parks Botanic Garden



Alfred Brousseau
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Alternative Names

Beach strawberry. This subspecies is recognized as having three related subspecies: *chiloensis*, *lucida*, and *pacifica*.

Use

Ethnobotanic: This strawberry produces many more fruits than the wood strawberry and has a great flavor. It was gathered and eaten raw by the Makah, Quileute, and Quinault of western Washington. It was also harvested for its fruit by the native peoples of Alaska and coastal British Columbia. The Wiyot, Pomo, and other tribes in California savored the fruits. The plant is also used medicinally by the Quileute by chewing the leaves and spitting them on burns.

Wildlife: The Portola woodrat and the valley quail eat the fruit and leaves of wild strawberries.

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: This herbaceous perennial plant spreads by seed and also by short rhizomes and leafless stolons. The toothed leaves are leathery, basal with a petiole generally 2-20 cm. They appear in leaflets of 3 and are glabrous (not hairy) above. The flowers have 5 white petals that are 10-18 mm, with numerous pistils and 20-35 stamens. The five bractlets are unlobed. The red fleshy fruit is covered with achenes.

Distribution

This plant is found below 200 m, in dune and grassland communities of coastal California. It is found from Alaska to coastal South America and Hawaii. For current distribution, please consult the Plant Profile page for this species on the PLANTS Web site.

Establishment

Dig up plantlets or runners and plant them in pots in summer. Be sure to cover the stems and roots with soil. Place the pots in a hothouse to establish good, strong roots. Water the plants or runners and keep them moist. Plant the plants outdoors in the ground in the fall or winter after the rains have started. They should be planted in full sun in a light, loose soil, about ten inches apart. It will not take long for the plants to make a complete ground cover. Lightly fertilize the plants during the growing season. Note that those plants that have bigger flowers usually have less fruit and those with smaller flowers have more fruit. Protect the plants from gophers, deer, squirrels, raccoons, and other wildlife.

Management

Keep the runners pruned back because they can be invasive. It is necessary to divide the patch every three to four years and start a new patch for increased vigor. Younger plants are more vigorous and produce more berries.

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

Seeds and plants of selected *Fragaria* cultivars are available from many nurseries. It is best to plant species from your local area, adapted to the specific site conditions where the plants are to be grown.

Contact your local Natural Resources Conservation Service (formerly Soil Conservation Service) office for more information. Look in the phone book under "United States Government." The Natural Resources Conservation Service will be listed under the subheading "Department of Agriculture."

References

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