

BOTANICAL NAME:
Carpobrotus edulis,
Carpobrotus chilensis

COMMON NAMES:
Hottentot Fig,
Highway Iceplant,
Sea Fig (*C. chilensis*)

FAMILY: Aizoaceae

ORIGIN: South Africa



Reason for listing as invasive species:

This plant is on the 2006 Cal-IPC Invasive Plant Inventory as 'high', and has severe ecological impacts on ecosystems, plant and animal communities, and vegetation structure. Its reproductive biology and other attributes are conducive to moderate to high rates of dispersal and establishment.¹ This Non-native species has escaped cultivation and established in natural areas throughout Southern California and surrounding areas. Highway Iceplant thrives in a range of soil moisture and nutrient conditions and is able to establish, grow, and dominate in the presence of competition. Once established in natural areas it forms large impenetrable mats.²

Methods of invading natural areas:

seed and fragments of the plant

Habitat types it invades:

riparian areas, coastal habitats, coastal sage scrub

Where invasive in Southern California:

invasive in coastal lagoons, estuaries, and beach dunes, also found invading the under-story of riparian forests that would normally be dominated by native perennials and annuals³

Invasive varieties include:

all members of both species, *C. edulis* and *C. chilensis* commonly hybridize

Varieties not known to be invasive:

Alternative plants to consider:

<u>California native species:</u>	<i>Arctostaphylos</i> species	Manzanita Groundcovers
<u>and cultivars</u>	<i>Baccharis pilularis</i> 'Pigeon Point' <i>Ceanothus griseus</i> var. <i>horizontalis</i> <i>Iva hayesiana</i>	Dwarf Coyote Brush California Wild Lilac San Diego Marsh- Elder
<u>Non-native species:</u>	<i>Juniperus</i> species	Juniper (prostrate varieties)
	<i>Rosmarinus officinalis</i> 'Prostrata'	Prostrate Rosemary, Trailing Rosemary
	<i>Santolina virens</i>	Santolina

¹Cal-IPC 2006 Invasive Plant Inventory Plant Assessment Form for *Carpobrotus edulis* and *Carpobrotus chilensis* as accessed on the World Wide Web on April 25, 2007. <http://portal.cal-ipc.org/weedlist>

²Bossard et. al., 2000. *Invasive plants of California's Wildlands* as accessed on the World Wide Web on April 25, 2007. <http://www.cal-ipc.org/ip/management/ipcw/online.php>

³Data provided by the participants of the Consortium of California Herbaria as accessed on the World Wide Web April 25th, 2007. www.ucjeps.berkeley.edu/consortium/