Oxalis corniculata

System: Terrestrial

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Phylum</th>
<th>Class</th>
<th>Order</th>
<th>Family</th>
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</thead>
<tbody>
<tr>
<td>Plantae</td>
<td>Magnoliophyta</td>
<td>Magnoliopsida</td>
<td>Geraniales</td>
<td>Oxalidaceae</td>
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</tbody>
</table>

Common name
agsom (Chamorro), mataknononi (Fijian), vinagrillo (Spanish), trevo-azedo (English), chulco (Spanish), hierba de la perdiz (Spanish), yellow oxalis (English), gougu (Yapese), creeping woods (English), kanapa (Bontok), creeping oxalis (English), malabalug-dagis (Pampangan), omis (Palauan), sheep sorrel (English), apsom (Chamorro), creeping yellow oxalis (English), rongomi (Fijian), 'ihi maka 'ula (Hawaiian), 'ihi makole (Hawaiian), petit trèfle (French), pikih (Ibatan), salamangi (Bontok), creeping wood sorrel (English), creeping lady's sorrel (English), wood sorrel (English), acederilla (Spanish), marasiksik (Ilocano), kihikihi (Tongan), taingang-daga (Tagalog), kihikihi (Niuean), koki'i kura (Cook Islands), pied de pigeon (French), três-corações (English), daraisig (Bicolano), procumbent yellow sorrel (English), oxalis (English), aceder (Spanish), totowiwi (Fijian), clover sorrel (English), kavakava (Cook Islands), yellow wood sorrel (English), katabami (Japanese), 'i'i (Samoan), koki'i (Cook Islands), patoa 'ava'ava (Tahitian), trèbol (Spanish), sour grass (English), agrito (Spanish), oseille filante (French), azedinha (English), trèfle jaune (French), a'aa'a (Samoan), 'ihi 'ai (Hawaiian), 'ihi 'awa (Hawaiian), 'i (Samoan)

Synonym

Acetosella corniculata, (L.) Kuntze
Oxalis corniculata, var. atropurpurea Planch.
Oxalis corniculata, var. langloisii (Small) Wieg.
Oxalis corniculata, var. lupulina (R. Knuth) Zucc.
Oxalis corniculata, var. macrophylla Arsene ex R. Knuth
Oxalis corniculata, var. minor Laing
Oxalis corniculata, var. reptans Laing
Oxalis corniculata, var. villosa (Bieb.) Hohen.
Oxalis corniculata, var. viscidula Wieg.
Oxalis pusilla, Salisb.
Oxalis langloisii, (Small) Fedde
Oxalis repens, Thunb.
Oxalis villosa, Bieb.
Xanthoxalis corniculata, (L.) Small
Xanthoxalis corniculata, var. atropurpurea (Planch.) Moldenke
Xanthoxalis langloisii, Small
Xanthoxalis repens, (Thunb.) Moldenke

Similar species
Summary

*Oxalis corniculata* is a cosmopolitan herb that is found worldwide. Spread of this species is due to high production of fertile seeds and its presence on all continents and many islands indicates that seeds are probably carried by birds. *O. corniculata* is thought to be invasive in many areas: Australasia-Pacific (such as Australia, Cook Islands, Fiji, Hawaii, French Polynesia, Palau, U.S. Minor Outlying Islands), Asia (such as Cambodia, China, Indonesia, Japan, South Korea), Central America (Cayman Islands) and North America (Canada).

view this species on IUCN Red List

Species Description

A caespitose or creeping herb, *Oxalis corniculata* has stems growing up to 50 cm in length. It has fine hair (pilose) on the stems, petioles and leaflet blades. The stipules of this herb are usually present but inconspicuous, where it grows to 3 mm long. The petioles are 1 - 6 cm long; the leaflets subsessile, subequal and blades obcordate, 4-20 mm long and broad. Inflorescences, 1-6 are flowered, are usually 2 - 7 cm long. The petals are yellow and are somewhat larger than the sepals (PIER 2007).

Notes

Subordinate taxa of *O. corniculata* include *O. corniculata corniculata* and *O. corniculata var. atropurpurea*. (ITIS 2009; USDA ARS 2009).

Habitat Description

*Oxalis corniculata*, being cosmopolitan in its distribution and having high production in fertile seed, can be found at home in gardens, lawns, arable land and pastures. In Hawaii, it occurs particularly in the open, disturbed sites in coastal and subalpine habitats at elevations of 0 - 2300 m above sea level. In Fiji, on the other hand, it is a common plant along roads and trails at elevations from near sea level to about 750 metres. Regardless of area, it has been noticed as an invasive and weedy plant.

Principal source:

**Compiler:** IUCN SSC Invasive Species Specialist Group (ISSG) with support from the Overseas Territories Environmental Programme (OTEP) project XOT603, a joint project with the Cayman Islands Government - Department of Environment

**Review:**

**Publication date:** 2010-06-08

**ALIEN RANGE**

GLOBAL INVASIVE SPECIES DATABASE
FULL ACCOUNT FOR: Oxalis corniculata

[4] AMERICAN SAMOA
[2] AUSTRALIA
[1] CAMBODIA
[2] CAYMAN ISLANDS
[1] CHINA
[1] COLOMBIA
[1] COSTA RICA
[5] FIJI
[1] GUATEMALA
[2] JAPAN
[1] MALAYSIA
[1] MAURITIUS
[1] NEW CALEDONIA
[1] NIUE
[1] PAPUA NEW GUINEA
[1] PHILIPPINES
[3] SAINT HELENA
[1] SEYCHELLES
[1] THAILAND
[9] UNITED STATES
[1] VANUATU
[1] WALLIS AND FUTUNA

BIBLIOGRAPHY
15 references found for Oxalis corniculata

Management information
Bermuda Natural History Museum, undated. Bermuda species database Bermuda Natural History Museum, PO Box FL 145, Flatts, FL BX, Bermuda.
Summary: This compilation of information sources can be sorted on keywords for example: Baits & Lures, Non Target Species, Eradication, Monitoring, Risk Assessment, Weeds, Herbicides etc. This compilation is at present in Excel format, this will be web-enabled as a searchable database shortly. This version of the database has been developed by the IUCN SSC ISSG as part of an Overseas Territories Environmental Programme funded project XOT603 in partnership with the Cayman Islands Government - Department of Environment. The compilation is a work under progress, the ISSG will manage, maintain and enhance the database with current and newly published information, reports, journal articles etc.

General information
ITIS (Integrated Taxonomic Information System), 2009. Online Database Oxalis corniculata L.
Summary: Mary Walker is currently completing a book on the flora of Anguilla
FULL ACCOUNT FOR: Oxalis corniculata

PIER (Pacific Island Ecosystems at Risk), 2007. Oxalis corniculata L.
Summary: Available from: http://www.hear.org/Pier/species/Oxalis_corniculata.htm [Accessed 1 July 2009]