

*Passiflora foetida*  [简体中文](#) [正體中文](#)

**System:** Terrestrial

Kingdom	Phylum	Class	Order	Family
Plantae	Magnoliophyta	Magnoliopsida	Violales	Passifloraceae

**Common name** qaranidila (English, Fiji), pwomwpwomw (English, Pohnpei), kudamono (English, Palau), loliloli ni kalavo (English, Fiji), stinking passionflower (English), passionflower (English), wild passion fruit (English), sou (English, Fiji), pompom (English, Pohnpei), pasio vao (English, Samoa), passiflore (French), bedoca (Spanish, Galapagos Islands), vine vao (English, Niue), lani wai (English, Hawaii (Ni'ihau)), mossy passionflower (English), kinahulo' atdao (English, Saipan), bombom (English, Chuuk), tomates (English, Yap), vaine 'initia (English, Tonga), pohapoha (English, Hawaii), dulce (English, Saipan), wild water lemon (English), fetid pa (English), tea biku (English, Kiribati), scarlet fruited passionflower (English), ka thoc rock (English), love-in-a-mist (English), vaine 'ae kuma (English), running pop (English)

**Synonym** *Granadilla*  *foetida*, (L.) Gaertn.  
*Dysosmia fluminensis*, M.Roem.  
*Dysosmia foetida*, (L.) M.Roem.  
*Dysosmia*  *gossypifolia*, (Desv. ex Ham.) M.Roem.  
*Dysosmia*  *hastata*, (Bertol.) M.Roem.  
*Dysosmia*  *hibiscifolia*, (Lam.) M.Roem.  
*Dysosmia*  *nigelliflora*, (Hook.) M.Roem.  
*Passiflora ciliata*, Dryand.  
*Passiflora foetida*, L. forma *suberecta*  Chodat & Hassl.  
*Passiflora ciliata*, Dryand.var. *quineloba* Griseb.  
*Passiflora foetida*, L.var. *hirsuta* Mast.  
*Passiflora foetida*, L.var. *hastata* (Bertol.) Mast.  
*Passiflora ciliata*, Dryand.var. *riparia* C.Wright ex Griseb.  
*Passiflora foetida*, L.var. *gossypifolia* (Desv. ex Ham.) Mast.  
*Passiflora foetida*, L.var. *arizonica* Killip  
*Passiflora ciliata*, Dryand.var. *polyadena* Griseb.  
*Passiflora foetida*, L.var. *ciliata* (Dryand.) Mast.  
*Passiflora foetida*, L.var. *isthmia* Killip  
*Passiflora foetida*, L.var. *lanuginosa* Killip  
*Passiflora foetida*, L.var. *hibiscifolia* (Lam.) Killip  
*Passiflora foetida*, L.var. *hirsutissima* Killip  
*Passiflora foetida*, L.var. *balansae* Chodat  
*Passiflora foetida*, L.var. *galapagensis* Killip  
*Passiflora foetida*, L.var. *glaziovii* Killip  
*Passiflora foetida*, L.forma *latifolia* Kuntze  
*Passiflora foetida*, L.forma *longifolia* Kuntze  
*Passiflora foetida*, L.forma *quineloba* (Griseb.) Mast.  
*Passiflora foetida*, L.var. *acapulcensis* Killip  
*Passiflora foetida*, L.var. *eliasii* Killip  
*Passiflora foetida*, L.var. *gardneri* Killip  
*Passiflora foetida*, L.var. *hispida* (DC. ex Triana & Planch.) Killip  
*Dysosmia ciliata*, (Dryand.) M.Roem.  
*Passiflora*  *baraquiniana*, Lem.  
*Passiflora foetida*, L.var. *fluminensis* (M.Roem.) Killip

**Similar species**

*Passiflora edulis*

## Summary

*Passiflora foetida* is a perennial herbaceous vine that originates from tropical America, but is now a pantropic weed. It is a common weed in many places of the Pacific and Atlantic, where it climbs over low vegetation on roadsides and in other disturbed places. Monitoring and management of this toxic plant is recommended in tropical areas where it is present.



[view this species on IUCN Red List](#)

## Species Description

"Perennial vine, the stems hispid, with tendrils; leaves 3-parted; segments-apices acute; leaf base cordate; both sides hispid-hirsute; blades 3,5-10cm long, 4-12cm wide; petiole 2-6cm long; flowers solitary in axils, 3-5cm wide, purple and white on pedicels 2-7cm long; fruit yellow to orange; subglobose, thin leathery-skinned, nearly 2cm thick, with many seeds; pulp scanty, sweetly tart. The very finely laciniate bracts enclosing the fruit probably gave rise to the curious common name" (Stone, 1970, in PIER, 2002). The whole plant has an unpleasant smell, but the ripe fruit is edible (Randall, 1998).

## Notes

The fruit is edible, but not a common food item because it contains little pulp. It has a sweet taste, similar to the large fruited passifloras that are popular in other areas of the Pacific (Moore & McMakin, 2002) and Atlantic areas too.

## Lifecycle Stages

Perennial vines

## Uses

Cultivated - Medicinal/culinary purposes (Randall, 2003).

## Habitat Description

*P. foetida* is an invader on disturbed sites. It favours wet areas (PIER, 2002) but can tolerate arid conditions (Randall, 2003). In Guam wild passionfruit grows on both volcanic and limestone soils and is commonly seen on abandoned land that has been previously cleared (Moore & McMakin, 2002). A common weed of disturbed areas on river and creek banks from Kimberley to Carnarvon in Australia (Randall, 1998). In Hawai'i it is locally abundant, growing over low vegetation on lava flows and in disturbed places, such as pastures and roadsides up to 500m elevation (Whistler, 1995). In Bolivia and Argentina it can grow up to 1500m elevation. Management of this toxic plant is recommended in tropical areas where it is present.

## Reproduction

Seed, commonly eaten and dispersed by birds, (PIER, 2002).

## General Impacts

*P. foetida* forms a dense ground cover which prevents or delays the establishment of other species, (PIER, 2002). Sometimes on rice or cotton fields.

**Principal source:** [Pacific Islands Ecosystems at Risk, PIER.](#)

**Compiler:** IUCN/SSC Invasive Species Specialist Group (ISSG)

**Review:** Dra. Norma B. Deginani. Curadora Herbario, Instituto de Botánica Darwinion (SI), San Isidro, Argentina.

**Publication date:** 2006-03-23

## ALIEN RANGE

[4] AMERICAN SAMOA	[1] AUSTRALIA
[1] BAHAMAS	[1] COOK ISLANDS
[1] ECUADOR	[1] FIJI
[7] FRENCH POLYNESIA	[1] GUAM
[2] KIRIBATI	[1] MARSHALL ISLANDS
[1] MAYOTTE	[5] MICRONESIA, FEDERATED STATES OF
[1] NAURU	[1] NEW CALEDONIA
[1] NIUE	[6] NORTHERN MARIANA ISLANDS
[3] PALAU	[1] PAPUA NEW GUINEA
[1] REUNION	[4] SAMOA
[1] SOLOMON ISLANDS	[7] TONGA
[2] UNITED STATES	[1] UNITED STATES MINOR OUTLYING ISLANDS
[1] VANUATU	[1] VIET NAM
[1] WALLIS AND FUTUNA	

## BIBLIOGRAPHY

14 references found for *Passiflora foetida*

### Management information

[PIER \(Pacific Island Ecosystems at Risk\), 2002. \*Passiflora foetida\*](#)

**Summary:** Ecology, synonyms, common names, distributions (Pacific as well as global), management and impact information.

Available from: [http://www.hear.org/pier/passiflora\\_foetida.htm](http://www.hear.org/pier/passiflora_foetida.htm) [Accessed 8 April 2003].

Triet, T, 2001. Alien invasive plants of the Mekong Delta: An Overview. In: Report of Workshop on Alien Invasive Species, GBF & SSEA. Colombo, Pg 96 & 104. (ed. P. Balakrishna) IUCN Regional Biodiversity Programme, Asia, Colombo, Sri Lanka.

**Summary:** An overview of invasive plants on the mekong river.

### General information

[Centre des ressources biologiques. Plantes tropicales. INRA-CIRAD. 2007.](#)

**Summary:** Available from: <http://collections.antilles.inra.fr/> [Accessed 31 March 2008]

[Conservatoire Botanique National De Mascarin \(BOULLET V. coord.\) 2007. \*Passiflora foetida\*.- Index de la flore vasculaire de la Réunion \(Trachophytes\) : statuts, menaces et protections. - Version 2007.1](#)

**Summary:** Base de données sur la flore de la Réunion. De nombreuses informations très utiles.

Available from: <http://flore.cbnm.org/index2.php?page=taxon&num=482db0ecc10b8a9984ae850c9ada9899> [Accessed March 2008]

[Exotic Pest Plant Council \(EPPC\), 2001. List of Invasive Species. Exotic Pest Plant Council s. Florida EPPC Newsletter, Volume 11, Number 1, pages 3-4.](#)

**Summary:** Ranked List of invasive species in Florida.

Available from: <http://www.fleppc.org/pdf/list01nl.pdf> [Accessed 9 April 2003]

[ITIS \(Integrated Taxonomic Information System\), 2005. Online Database \*Passiflora foetida\*](#)

**Summary:** An online database that provides taxonomic information, common names, synonyms and geographical jurisdiction of a species. In addition links are provided to retrieve biological records and collection information from the Global Biodiversity Information Facility (GBIF) Data Portal and bioscience articles from BioOne journals.

Available from:

[http://www.cbif.gc.ca/pls/itisca/taxastep?king=every&p\\_action=containing&taxa=Passiflora+foetida&p\\_format=&p\\_ifx=plglt&p\\_lang=](http://www.cbif.gc.ca/pls/itisca/taxastep?king=every&p_action=containing&taxa=Passiflora+foetida&p_format=&p_ifx=plglt&p_lang=) [Accessed March 2005]

[Meyer, J.-Y. 2000. Invasive plants in the Pacific Islands. In: \*The Invasive Species in the Pacific: A Technical Review and Draft Regional Strategy\*. Sherley, G. \(tech. ed\). Published in June 2000 by the South Pacific Regional Environment Programme \(SPREP\).](#)

**Summary:** Resource that includes the distribution of invasive species throughout the Pacific Islands.

Meyer, J.-Y., Loope, L., Sheppard, A., Munzinger, J., Jaffre, T. 2006. Les plantes envahissantes et potentiellement envahissantes dans l'archipel néo-calédonien : première évaluation et recommandations de gestion. in M.-L. Beauvais et al. (2006) : Les espèces envahissantes dans l'archipel néo-calédonien, Paris, IRD éditions, 260 p.+ cdrom.

[Moore & McMakin, 2002. Plants of Guam.](#)

**Summary:** Description, and some species notes.

Available from: <http://www.uog.edu/cals/site/POG/passif.html> [Accessed 9 April 2003]



# GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: *Passiflora foetida*

---

[Randall, \*Passiflora foetida\* Vell. The Global Compendium of Weeds.](#)

**Summary:** Uses, origin and other Data sources.

Available from: <http://www.hear.org/gcw/html/index.html> [Accessed on 9 April 2003]

[Randall, Rod, 1998. DICOTYLEDONS, Weeds Australia.](#)

**Summary:** Habitat in Australia, brief description.

Available from: [http://members.iinet.net.au/~weeds/western\\_weeds/pap\\_pas\\_phy\\_pitt.htm](http://members.iinet.net.au/~weeds/western_weeds/pap_pas_phy_pitt.htm) [Accessed 9 April 2003]

Whistler. W. Arthur, 1983. Weed Handbook of Western Polynesia. Eschborn, Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ) GmbH.

**Summary:** Catalogue of pest species in Western Polynesia.

Whistler. W. Arthur, 1995. *Wayside plants of the Islands*. Everbest Printing Company, Ltd. Hong Kong.

**Summary:** Catalogue of pest species in some pacific Islands.

[Wunderlin & Hansen, 2003. \*Passiflora foetida\*. Atlas of Florida Vascular Plants.](#)

**Summary:** Plant synonyms.

Available from: <http://www.plantatlas.usf.edu/main.asp?plantID=1740> [Accessed 9 April 2003].