

Tithonia diversifolia  [简体中文](#) [正體中文](#)

System: Terrestrial

Kingdom	Phylum	Class	Order	Family
Plantae	Magnoliophyta	Magnoliopsida	Asterales	Asteraceae

Common name

Synonym

Mirasolia diversifolia , Hemsl

Similar species

Summary

Tithonia diversifolia is an herbaceous stoloniferous perennial which can reach 2 to 3m high. Originally from Mexico and Central America, it is planted and cultivated in many countries for its beautiful tall flowers. *Tithonia diversifolia* tolerates heat and drought and can rapidly form large herbaceous shrubs. Naturalised in some Pacific islands, it is found along roadsides and in disturbed areas. Rapid vegetative reproduction and significant production of lightweight seeds allow *Tithonia diversifolia* to quickly invade disturbed habitats. In forming dense stands, it prevents the growth of young native plants. *Tithonia diversifolia* is invasive in some parts of Africa and Australia and in many Pacific islands.



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

Principal source:

Compiler: Comité français de l'IUCN (IUCN French Committee) & IUCN SSC Invasive Species Specialist Group (ISSG)

Review:

Publication date: 2008-03-18

ALIEN RANGE

[1] BERMUDA
[1] MAYOTTE
[1] REUNION

[1] FRENCH POLYNESIA
[1] NEW CALEDONIA

BIBLIOGRAPHY

12 references found for *Tithonia diversifolia*

Managment information

Varnham, K. 2006. *Non-native species in UK Overseas Territories: a review. JNCC Report 372. Peterborough: United Kingdom.*

Summary: This database compiles information on alien species from British Overseas Territories.

Available from: <http://www.jncc.gov.uk/page-3660> [Accessed 10 November 2009]

General information

Barthelat, F. 2005. Note sur les espèces exotiques envahissantes Mayotte. Direction de l'Agriculture et de la Forêt. 30p

Summary: Tableau synthétique des plantes exotiques de Mayotte classées en fonction de leur niveau d'envahissement.



GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: *Tithonia diversifolia*

[Conservatoire Botanique National De Mascarin \(BOULLET V. coord.\) 2007. - *Tithonia diversifolia* 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=8963920e8b402154316d8175fa189112> [Accessed 9 April 2008]

[Florence J., Chevillotte H., Ollier C. & Meyer J.-Y. 2007. *Tithonia diversifolia* Base de données botaniques Nadeaud de l'Herbier de la Polynésie française \(PAP\).](#)

Summary: Available from: http://www.herbier-tahiti.pf/Selection_Taxonomie.php?id_tax=707 [Accessed 9 April 2008]

[Gargominy, O., Bouchet, P., Pascal, M., Jaffre, T. and Tourneau, J. C. 1996. Consequences des introductions d'espèces animales et végétales sur la biodiversité en Nouvelle-Calédonie. Rev. Ecol. \(Terre Vie\) 51: 375-401.](#)

Summary: Consequences to the biodiversity of New Caledonia of the introduction of plant and animal species.

[ITIS \(Integrated Taxonomic Information System\), 2008. Online Database *Tithonia diversifolia* \(Hemsl.\) Gray](#)

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.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=38530 [Accessed 18 March 2008]

Jean Yves Meyer, pers. com., 2007

Summary: Jean Yves Meyer. Chargé de Recherche/Research Management Officer. Délégation de la Recherche Papeete, Tahiti Polynésie française

[Macdonald, I.A.W., Reaser, J.K., Bright, C., Neville, L.E., Howard, G.W., Murphy, S.J., Preston, G., 2003. Invasive alien species in southern Africa: national reports & directory of resources. Global Invasive Species Programme, South Africa](#)

Summary: Available from: <http://www.gisp.org/publications/workshops/SOUTHERN.PDF> [Accessed 9 April 2008]

[MacKee, H.S. 1994. Catalogue des plantes introduites et cultivées en Nouvelle-Calédonie, 2nd edn. MNHN, Paris.](#)

Summary: Cet ouvrage liste 1412 taxons (espèces, sous espèces et variétés) introduits en Nouvelle-Calédonie. L'auteur précise dans la majorité des cas si l'espèce est cultivée ou naturalisée.

[Meyer, Jean-Yves & Loope, Lloyd & Sheppard, A. & Munzinger, Jérôme & Jaffré, Tanguy. \(2006\). Les plantes envahissantes et potentiellement envahissantes dans l'archipel néo-calédonien : première évaluation et recommandations de gestion.](#)

[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.

[PIER \(Pacific Island Ecosystems at Risk\), 2007. *Tithonia diversifolia*.](#)

Summary: Available from: http://www.hear.org/pier/species/tithonia_diversifolia.htm [Accessed 9 April 2008]