Clematis terniflora 简体中文 正體中文

System: Terrestrial

Kingdom	Phylum	Class	Order	Family
Plantae	Magnoliophyta	Magnoliopsida	Ranunculales	Ranunculaceae

Common name

Synonym

Clematis dioscoreifolia , (Levl. & Vaniot)
Clematis dioscoreifolia , var. *robusta* [(Carr.) Rehd.]
Clematis maximowicziana , (Franch. & Savigny)
Clematis paniculata , (Thunb.)
Clematis flammula , var *robusta* (Carriere)
Clematis recta , subsp *paniculata* (Thunb.) Kuntze
Clematis terniflora , var *robusta* (Carriere) Tamura

Similar species

Summary

Clematis terniflora is a perennial vine that is frequently used as a landscaping plant. It is invasive, however, and displays aggressive growth in many areas of North America. *C. terniflora* can climb nearly 10 metres high, smothering trees and pulling down telephone poles.

view this species on IUCN Red List

Species Description

Clematis terniflora is a semi-evergreen climber or groundcover with semi-woody steps up to 4 inches. *C. terniflora* displays compound, opposite leaves, of 3-5 leaflets with a glossy, stiff appearance (Floridata, 2007). Leaflets are \"ovate or broadly lanceolate to narrowly deltate\" in shape (efloras, undated). White, monoecious flowers with 4 sepals on branching panicles. Flowers are bisexual or unisexual with in the same inflorescense (efloras, undated). Flowers are star shaped, highly fragrant, and approximately 3.18 centimeters across (Floridata, 2007). *C. terniflora* is an extremely showy flower in summer, to an exten that \"vines can be so laden with billowy masses of white flowers that they look like they're covered in snow\" (Floridata, 2007). *C. terniflora*'s bark is initially smooth and light brown, later developing long splits and shreddy long strips\" (CNR, 2006)

Lifecycle Stages

Clematis terniflora is a perennial plant (CNR, 2006).

Uses

According to Plants for a Future (2007) *Clematis terniflora* is used as a folk treatment for corneal opacity. PFAF (2007) also notes that young shoots of *C. terniflora* can be eaten. *C. terniflora* is widely used as landscape ornamental. USDA-WOW (2007) notes that goats will eat *C. terniflora* but prefer it dried or dead.

Habitat Description
Like many climbers, *Clematis terniflora* prefers its roots in the shade and its foliage in full sun (Floridata, 2007). *C. terniflora* can grow in light (sandy), medium (loamy), or heavy (clay) soils as long as the medium is fairly well drained. *C. terniflora*also tolerates a variety of pH, including highly alkaline settings (PFAF, 2004). Because *C. terniflora* lacks the root hairs or tendrils that most vines use to climb, *C. terniflora* must either lean and be supported on the trees it overtakes, or grow as a thick groundcover (Kemper, 2007). *C. terniflora* frequently occurs in hedgerows, forest margins, slopes, supported by rocks near coastal areas, and in disturbed areas (PFAF, 2004).

Reproduction
Clematis terniflora reproduces both vegetatively and by seed. Ripe seeds germinate within 1-9 months. Internodal cuttings are also successful (PFAF, 2007).

General Impacts
Clematis terniflora is used as a landscape ornamental, although its popularity is decreasing as landscapers realize its invasive potential. *C. terniflora* has the potential to climb 7.6-9.1 metres and smother fully grown trees, or, if necessary support structure is absent, to sprawl along the ground 15-30cm tall and 3 metres wide. Ground cover form of *C terniflora* will choke out weeds or other plants trying to spring from ground. (Floridata, 2007)

Pathway

Principal source: Floridata Online database, 2007. *Clematis terniflora*;
Plants for a Future (PFAF), Online database 2004. *Clematis terniflora*

Compiler: National Biological Information Infrastructure (NBII) & IUCN/SSC Invasive Species Specialist Group (ISSG)

Review: Kenneth A. Langeland, Center for Aquatic and Invasive Plants

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Summary: Provides detailed information of *Clematis terniflora*, including physical description, uses, habitat description, and distribution.
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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.
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Summary: This website provides detailed habitat and cultural requirements for *Clematis terniflora*. Also provides list of common names.
Available from: http://www.mobot.org/gardeninghelp/plantfinder/plant.asp?code=A300 [Accessed 15 June 2007]
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