

Assessment of Non-native Plants in Florida's Natural Areas

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Assessment date 13 January 2016

	ient date 13 January 2010		
	Trachelospermum jasminoides ALL ZONES	Answer	Score
1.01	Is the species highly domesticated?	n	0
1.02	Has the species become naturalised where grown?		
1.03	Does the species have weedy races?		1
2.01	Species suited to Florida's USDA climate zones (0-low; 1-intermediate; 2-high) North Zone: suited to Zones 8, 9 Central Zone: suited to Zones 9, 10 South Zone: suited to Zone 10	2	
2.02	Quality of climate match data (0-low; 1-intermediate; 2-high)	2	
2.03	Broad climate suitability (environmental versatility)	у	1
2.04	Native or naturalized in habitats with periodic inundation North Zone: mean annual precipitation 50-70 inches Central Zone: mean annual precipitation 40-60 inches South Zone: mean annual precipitation 40-60 inches	У	1
2.05	Does the species have a history of repeated introductions outside its natural range?	у	
3.01	Naturalized beyond native range	у	2
3.02	Garden/amenity/disturbance weed	n	0
3.03	Weed of agriculture	n	0
3.04	Environmental weed	n	0
3.05	Congeneric weed	n	0
4.01	Produces spines, thorns or burrs	?	
4.02	Allelopathic	unk	0
4.03	Parasitic	n	0
4.04	Unpalatable to grazing animals	n	-1
4.05	Toxic to animals	?	
4.06	Host for recognised pests and pathogens	n	0
4.07	Causes allergies or is otherwise toxic to humans	У	1
4.08	Creates a fire hazard in natural ecosystems	n	0
4.09	Is a shade tolerant plant at some stage of its life cycle	у	1
4.10	Grows on infertile soils (oligotrophic, limerock, or excessively draining soils). North & Central Zones: infertile soils; South Zone: shallow limerock or Histisols.	unk	0
4.11	Climbing or smothering growth habit	У	1
4.12	Forms dense thickets	n	0
5.01	Aquatic	n	0
5.02	Grass	n	0
5.03	Nitrogen fixing woody plant	n	0
5.04	Geophyte	n	0
6.01	Evidence of substantial reproductive failure in native habitat	n	0
6.02	Produces viable seed	у	1

	Risk Assessment Results	Lo	w
	Implemented Pacific Second Screening	n	0
	Total Score	-	3
8.05		?	·
8.04	Tolerates, or benefits from, mutilation or cultivation	n	-1
8.03	Well controlled by herbicides	unk	1
8.02	Evidence that a persistent propagule bank is formed (>1 yr)	n	-1
8.01	Prolific seed production	n	-1
7.08	Propagules dispersed by other animals (internally)	unk	-1
7.07	Propagules dispersed by other animals (externally)		-1
7.06	Propagules bird dispersed		-1
7.05	Propagules water dispersed		-1
7.04	Propagules adapted to wind dispersal		-1
7.03	Propagules likely to disperse as a produce contaminant	n	-1
7.02	Propagules dispersed intentionally by people	у	1
	areas)		-1
7.01	Propagules likely to be dispersed unintentionally (plants growing in heavily trafficked	unk	
6.07	Minimum generative time (years)	unk	-1
6.06	Reproduction by vegetative propagation	у	1
6.05	Requires specialist pollinators ?		
6.04	Self-compatible or apomictic unk		-1
6.03	Hybridizes naturally	unk	-1

section		satisfy
	# questions answered	minimum?
Α		11 yes
В		8 yes
С		13 yes
total		32 yes

Dilivated, but no evidence of selection for reduced weediness Skip to question 2.01		Reference	Source data
Skip to question 2.01 Skip to question 2.01 No computer analysis was performed. 1. Global hardiness zone: (http://www.nappfast.org/Plant_hardiness/NAPPFAST%20Global 8, 9, 10; equivalent to USDA Hardiness zone: USDA Zone 88: to 9.4°C (15°F) USDA Zone 98: to 9.4°C (15°F) USDA Zone 98: to 10.20°C (10°F) USDA Zone 88: to 10°C (10°F) USDA Zone 10°C to 1.7°C (35°F) USDA Zone 10	1.01		cultivated, but no evidence of selection for reduced weediness
1. PERAL NAPPAST Global Plant Hardiness (Inttp://www.nappfast.org/Plant_hardiness/NAPPAST%20Global R, 202cones/10- %20zones/10- %20zo			· ·
Inttp://www.napflast.org/Plant_hardiness/NAPPFAST%20Global	1.03		Skip to question 2.01
1. Köppen-Geiger climate map (http://www.hydrol-earth-syst sci.net/11/1633/2007/hess-11-1633-2007.pdf). 2. GBIF Secretariat: GBIF Backbone Taxonomy, 2013-07-01. Accessed via http://www.gbif.org/species/3169713 on 2015-12-14 2.04 1. Climate Charts. World Climate Maps. http://www.climate-charts.com/World-Climate-Maps. http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://www.climate-charts.com/World-Climate-Maps.http://world-Climate-Maps.http://world-Climate-Maps.http://world-Climate-Maps.http://world-C	2.01	(http://www.nappfast.org/Plant_hardiness/NAPPFAST%20Global %20zones/10-year%20climate/PLANT_HARDINESS_10YR%20lgnd.tif). 2. USDA, ARS, National Genetic Resources Program. Germplasm Resources Information Network - (GRIN) [Online Database]. National Germplasm Resources Laboratory, Beltsville, Maryland. http://www.ars-grin.gov/cgi-bin/npgs/html/taxon.pl?409896 (12-	8, 9, 10; equivalent to USDA Hardiness zones: USDA Zone 8a: to -12.2 °C (10 °F) USDA Zone 8b: to -9.4 °C (15°F) USDA Zone 9a: to -6.6 °C (20 °F) USDA Zone 9b: to -3.8 °C (25 °F) USDA Zone 10a: to -1.1 °C (30 °F) USDA Zone 10b: to 1.7 °C (35 °F) . 2. Native to China: China - Anhui, - Fujian, - Henan, - Hunan, - Jiangxi, - Jiangsu, - Guangdong, - Guizhou, - Shanxi, - Shandong, - Yunnan, - Guangxi, - Xizang Eastern Asia: Japan - Honshu, - Kyushu, -
sci.net/11/1633/2007/hess-11-1633-2007,pdf). 2. GBIF Secretariat: GBIF Backbone Taxonomy, 2013-07-01. Accessed via http://www.gbif.org/species/3169713 on 2015- 2.04 1. Climate Charts. World Climate Maps. http://www.climate-charts.com/World-Climate-Maps.html#rain (8-19-2015) 1. USDA Plant Profile http://plants.usda.gow/core/profile?symbol=TRJA (12-14-2015) 2. Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-2015) 2. 3.01 1. Alabama Plant Atlas http://www.floraofalabama.org/Plant.aspx?id=5446 (12-14-2015) 3.02 3.03 3.04 3.05 4.01 1. Flora of China http://www.efloraso.org/florataxon.aspx?flora_id=2&taxon_id=2000 18484 (12-14-2015) 4.02 4.03 4.04 1. Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-2015) 2. Clemson University http://www.clemson.edu/extension/hgic/plants/landscape/groundo-overs/hgic1106.html (12-14-2015) 4.05 1. ASPCA https://www.mspca.org/pet-care/animal-poison-control/toxic-and-non-toxic-plants/star-jasmine (12-14-2015) 4.06 1. Missouri Botanical Gardens http://www.missouribotanicalgarden.org/PlantFinder/PlantFinder/Plants/inaseu.ifas.ufi.edu/horticulture/demogarden/printables/Confisions http://www.missouribotanicalgarden.org/PlantFinder/PlantFinder/Plants/landscape/gooloachittp://www.missouribotanicalgarden.org/PlantFinder/PlantFinder/PlantFinder/Plants/landscape/s02038mine.pdf (12-14-2015) 2. Nassau Extension IFAS http://massau.ifas.ufi.edu/horticulture/demogarden/printables/Confisions http://massau.ifas.ufi.edu/horticulture/demogarden/printables/Confisions http://lanssau.ifas.ufi.edu/horticulture/demogarden/printables/Confisions-darden-com/guides/pfigo/55230/#b (12-14-2015) http://lavesgarden.com/guides/pfigo/55230/#b (12-14-2015) http://davesgarden.com/guides/pfigo/55230/#b (12-14-2015) http://davesgarden.com/guides/pfigo/55230/#b (12-14-2015) http://davesgarden.com/guides/pfigo/55230/#b (12-14-2015) http://davesgarden.com/guides/pfigo/55230/#b (12-14-2015) http://davesgarden.com/guides/pfigo/55230/#b (12-14-2015)	2.02		Native range is well known
charts.com/World-Climate-Maps.html#rain (8-19-2015) 1. USDA Plant Profille http://plants.usda.gov/core/profile?symbol=TRJA (12-14-2015) 2. Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-2015) 2. Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-2015) 3.01 3.01 3.02 3.03 3.03 3.04 3.05 1. Flora of China http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=2000 http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=2000 http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=2000 http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=2000 http://www.clemson.edu/extension/hgic/plants/landscape/groundcovers/hgic1106.html (12-14-2015) 4.05 4.06 1. Missouri Botanical Gardens http://www.missouribotanicalgarden.org/PlantFinder/Details.aspx?kempercode=a155 (12-14-2015) 2. Nassau Extension http://www.missouribotanicalgarden.org/PlantFinder/Details.aspx?kempercode=a155 (12-14-2015) 4.07 1. Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-2015) 2. Dave's Garden http://davesgarden.com/guides/pf/go/55230/#b (12-14-2015) 1. Inchroduced to Louisiana and Texas 2. Trachelospermum jasminoides has been cultivated in many countries, including plant may cause skin inritation in plasminoides has been cultivated in many countries, including plant may cause skin irritation of liesasen.click in many countries, including plant may cause skin irritation of liesasen cultivated in many countries, including plant may cause skin irritation on this plant is not disparted in many countries, including plant may cause skin irritation or allergic reaction		sci.net/11/1633/2007/hess-11-1633-2007.pdf). 2. GBIF Secretariat: GBIF Backbone Taxonomy, 2013-07-01. Accessed via http://www.gbif.org/species/3169713 on 2015-12-14	Distribution in the native/cultivated range occurs in Aw, Am,
http://plants.usda.gov/core/profile?symbol=TRJA (12-14-2015) 2. Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-2015) 3.01 3.01 3.02 3.02 3.03 3.04 3.05 3.06 3.06 3.07 1. Flora of China http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=2000 18484 (12-14-2015) 2. Devis Garden overs/flgic1106.html (12-14-2015) 3.02 4.01 4.02 4.03 4.04 5. Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-2015) 2. Clemson University http://www.clemson.edu/extension/hgic/plants/landscape/groundcovers/flgic1106.html (12-14-2015) 3.05 4.05 1. ASPCA https://www.aspca.org/pet-care/animal-poison-control/toxic-and-non-toxic-plants/star-jasmine (12-14-2015) 3.05 4.06 1. Missouri Botanical Gardens http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderD etails.aspx?kempercode=a155 (12-14-2015) 2. Nassau Extension IFAS http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderD etails.aspx?kempercode=a155 (12-14-2015) 2. Nassau Extension IFAS http://massau.ifas.ufl.edu/horticulture/demogarden/printables/Confederate%20Jasmine.pdf (12-14-2015) 4.07 1. Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-2015) 2. Dave's Garden http://davesgarden.com/guides/pf/go/55230/#b (12-14-2015) 4.07 4.07 1. Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-2015) 2. Dave's Garden http://davesgarden.com/guides/pf/go/55230/#b (12-14-2015) 4.07 4.07 1. This species was first reported as a naturalized element of the Alabama flora in 2013 no evidence on evidence no	2.04		Native to regions with annual rainfallfrom 28 inches to 97 inches.
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Control/toxic-and-non-toxic-plants/star-jasmine (12-14-2015) Interpretation of the plant is not dangerous for humans, so unicear if this plant is not dangerous to any animal species	4.04	14-2015) 2. Clemson University http://www.clemson.edu/extension/hgic/plants/landscape/groundc	It is deer resistant 2. Rabbits like to graze on this plant.
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11. Encyclopedia of Life http://eoi.org/pages/392745/overview (12-14-2015) 2. Dave's Garden http://davesgarden.com/guides/pf/go/55230/#b (12-14-2015) consumed. 2. All parts of plant are poisonous if ingested. Handling plant may cause skin irritation or allergic reaction	4.06	http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderD etails.aspx?kempercode=a155 (12-14-2015) 2. Nassau Extension IFAS http://nassau.ifas.ufl.edu/horticulture/demogarden/printables/Conf	major concern.
4.08 no evidence	4.07	14-2015) 2. Dave's Garden	consumed. 2. All parts of plant are poisonous if ingested.
	4.08		no evidence

4.00	4 Missauri Batariaal Oardana	T
	Missouri Botanical Gardens Missouri Botanical Gardens	
	http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderD	4. Talamata di la sun Obrada O di unili flavorania full avva mantial abada
	etails.aspx?kempercode=a155 (12-14-2015) 2. Encyclopedia of	1. Tolerate: Heavy Shade 2. It will flower in full sun, partial shade,
	Life http://eol.org/pages/392745/overview (12-14-2015) 3. Arizona	
	State University	suppressed.
	http://www.public.asu.edu/~camartin/plants/Plant%20html%20file s/trachelospermumjasminoides.html (12-14-2015)	
4.10	1. Plants for a Future	
	http://www.pfaf.org/user/Plant.aspx?LatinName=Trachelospermu	prefers well drained soil [lack of question specific soil data]
	m+jasminoides (12-14-2015)	
	Royal Horticultural Society	
	https://www.rhs.org.uk/Plants/18287/i-Trachelospermum-	
	jasminoides-	
	i/Details?returnurl=%2Fplants%2Fclimbers%3Fs%3Ddesc(plant_	
	merged)%26context%3Db%25253D0%252526hf%25253D12%2	1 Timesianidas is a viscos sandinas signal averages to initia
	525261%25253Den%252526s%25253Ddesc%25252528plant m	1. T. jasminoides is a vigorous medium-sized evergreen twining
	erged%25252529%252526sl%25253Dplants%252526r%25253Df	woody climber 2. It can behave as a shrub or climbing vine, able
	%2525252Fplant_plant_type%2525252Fclimbers%26page%3D3	to reach heights of three meters. 3. Woody climber
	%26aliaspath%3D%252fplants%252fclimbers (12-14-2015) 2.	
	Encyclopedia of Life http://eol.org/pages/392745/overview (12-14-	
	2015) 3. Clifford, P. & Kobayashi, K. (2010). Non- invasive	
	landscape plants with fragrant flowers. Ornamentals and Flowers	
4.12		no evidence
5.01		Family: Apocynaceae
5.02		Family: Apocynaceae
5.03		no evidence
5.04	1. Flora of China	The evidence
3.04	http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=2000	II iana Family: Anocynaceae
	18484 (12-14-2015)	Liana, Fanny. Apolynaceae
6.01		no evidence
	1. Plants for a Future	The evidence
	http://www.pfaf.org/user/Plant.aspx?LatinName=Trachelospermu	Propagated by seed [seeds are rare in cultivation]
	m+jasminoides (12-14-2015)	The repugator by soon [seeds are rais in summation]
6.03	,	no evidence
6.04		no evidence
6.05	1. Missouri Botanical Gardens	
0.03	http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderD	
	etails.aspx?kempercode=a155 (12-14-2015) 2. Plants for a	
	Future	1. Flowers are attractive to bees. 2. Attracts butterflies 3. requires
	http://www.pfaf.org/user/Plant.aspx?LatinName=Trachelospermu	specialist pollinator
	m+jasminoides (12-14-2015) 3. Clifford, P. & Kobayashi, K.	
	(2010). Non- invasive landscape plants with fragrant flowers.	
	Ornamentals and Flowers	
6.06	Plants for a Future	
	http://www.pfaf.org/user/Plant.aspx?LatinName=Trachelospermu	1. The plant colf layers, conding out roots from leef rodes and
	m+jasminoides (12-14-2015) 2. University of Arizona Pima	1. The plant self-layers, sending out roots from leaf nodes and stem tips wherever they touch the ground 2. Propagation:
	County Cooperative Extension	vegetative cuttings of soft wood
	https://ag.arizona.edu/pima/gardening/aridplants/Trachelospermu	regerative cuttings of soft wood
	m_jasminoides.html (12-14-2015)	
6.07		no evidence
7.01		no evidence
7.02	1. Encyclopedia of Life http://eol.org/pages/392745/overview (12-	1. The liana is cultivated as a landscape ornamental in sunny
	14-2015)	areas with warm-temperate climates.
7.03		no evidence of consumption
7.04		no evidence
7.05		no evidence
7.06	1. Flore of China	no evidence
7.07	1. Flora of China	no ovidence of a machanism for attachment
	, , , , , , , , , , , , , , , , , , , ,	no evidence of a mechanism for attachment
7.00	18484 (12-14-2015)	no ovidence
7.08		no evidence

10.0-		Follicles linear, 10-25 cm X 3-10 mm. Seeds oblong, 1.5-2 cm, coma 1.5-4 cm. [no evidence of seed production in cultivation]
	1. Clifford, P. & Kobayashi, K. (2010). Non- invasive landscape plants with fragrant flowers. Ornamentals and Flowers	no seedbank when cultivated
8.03		no evidence of control program
8.04	Dehgan, B. (1998) Landscape Plants for Subtropical Climates. University Press of Florida.	"Tolerates only a small amount of foot traffic."
8.05		no evidence