

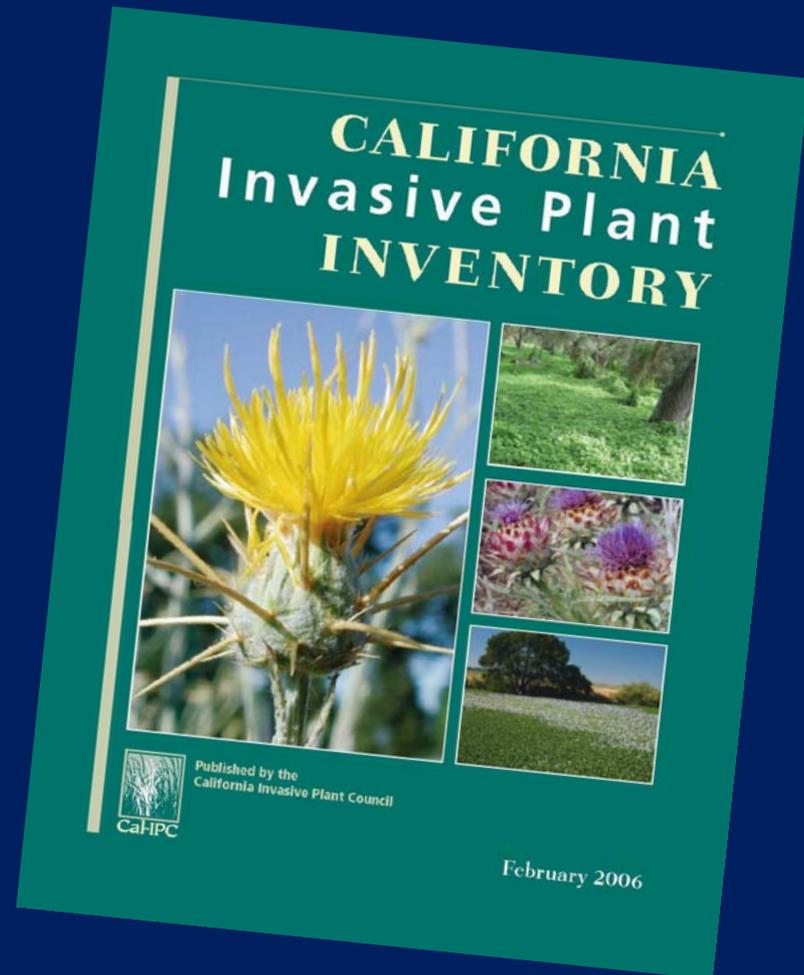
# Preventing and Managing Invasive Plants of Wildlands in California



Doug Johnson, Executive Director  
California Invasive Plant Council  
Berkeley, CA

# Invasive Plants of Wildlands

- ~200 species
- Criteria system for ecological impact
- Some overlap with CDFA



# Natural Resource Managers



# Coordination: WMAs

- All counties
- 2,000 populations controlled



# Coordination: ISCC/CISAC

Mclicks

Cal-IPC: The Inventory Database Welcome to the Invasive Species...

## Northern Pike

Photo: Wikipedia



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

August 22, 2011

### INVASIVE SPECIES COUNCIL OF CALIFORNIA

**NOTICE:** The public comment period for DRAFT II of the Strategic Framework has ended.  
[Click here for more information.](#)

#### What is the Invasive Species Council of California (ISCC)?

The ISCC represents the highest level of leadership and authority in state government regarding invasive species. The ISCC is an inter-agency council that helps to coordinate and ensure complementary, cost-efficient, environmentally sound and effective state activities regarding invasive species. The ISCC was established February 10, 2009. The ISCC approved the [ISCC By-Laws](#) and [California Invasive Species Advisory Committee Charter](#) on April 8, 2009.

The Invasive Species Council of California is chaired by the Secretary of the [California Department of Food and Agriculture](#) and vice-chaired by the Secretary of the [California Natural Resources Agency](#). Its members also

- About the ISCC
- About the CISAC
- Invasive Species
- California Invasive Species List
- Photo Gallery
- Videos and Publications
- Meeting Information
- Press Releases

# Mapping: CalWeedMapper

CALIPC Quad Mapping - Mozilla Firefox

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http://calipc.terragis.net/geoext/examples/

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CALIPC QUAD MAPPING

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Invasive Species

Species Group: one

Invasive Species: Acroptilon repens

Species names:  Scientific Name  Common Name

**Acroptilon repens**

Russian Knapweed  
Cal-IPC rating: **Moderate**  
[species description](#)

Legend

Boundaries

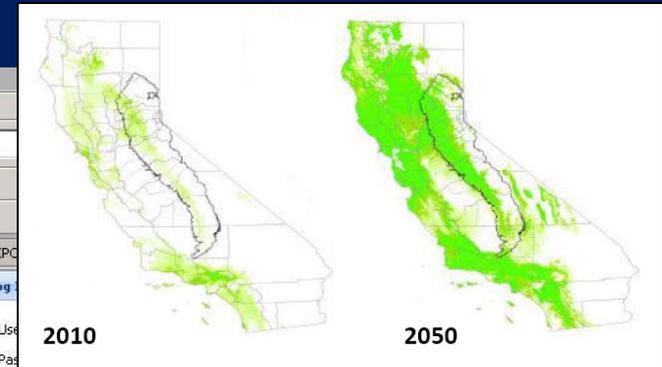
- Mapping Quad
- Preselection
- Quadselection
- Watershed
- County Boundary

Invasive Species

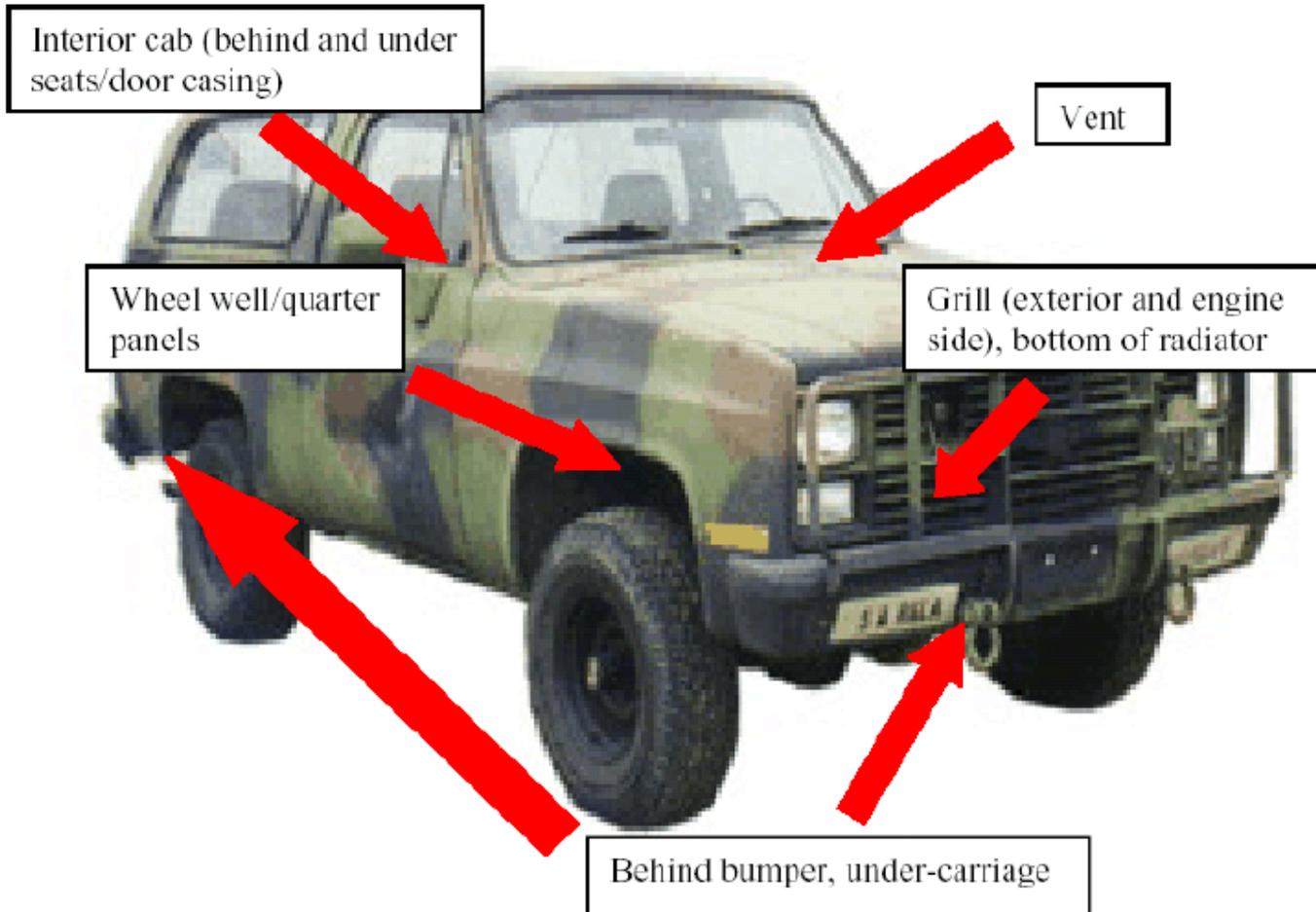
Abundance	Spread
absent	stable
low abundance	increasing
medium abundance	rapidly increasing

Done

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# Preventing spread: BMPs



# Preventing introductions

- PlantRight
- USDA APHIS Q-37



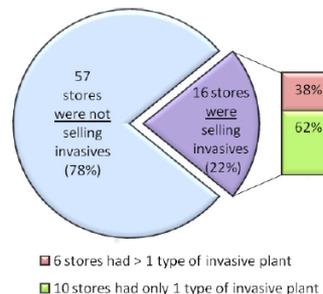
## 2010 Fact Sheet Spring Retail Nursery Survey



**Overview:** The purpose of the annual survey is to document the presence or absence of 19 plants considered invasive in the inventories of retail nurseries (see below). The PlantRight campaign is working collaboratively with nursery growers and retailers to voluntarily stop the propagation, distribution, and sale of known invasive plants, and to promote the introduction of alternative plants that are commercially viable and environmentally safe. Sixty-six volunteers, mostly UC Master Gardeners, participated in the 2010 statewide spring nursery survey. Of the 73 nurseries surveyed in 2010, fifty-seven nurseries (78%) were *not* carrying invasive plants. While the results are not statistically significant, and thus do not represent the retail sector for horticultural plants statewide, this was the largest nursery survey ever attempted, and Sustainable Conservation is recruiting more volunteers with the goal of obtaining statistically significant results in 2011.

### Findings:

- 3,570 retail nurseries operate in California.
- At least 191 nurseries must be surveyed to obtain statistically significant results.
- 66 volunteers surveyed 73 nurseries across 27 of California's 58 counties.
- 57 nurseries were *not* selling invasive plants.
- 10 nurseries were selling one type of invasive plant while 6 nurseries were selling more than one type.



### 19 Invasive Plants Listed by the PlantRight Campaign

COMMON NAME	SCIENTIFIC NAME
Arundo, giant reed	<i>Arundo donax</i>
Blue gum eucalyptus	<i>Eucalyptus globulus</i>
Broom, bridal veil	<i>Retama monosperm</i>
Broom, French	<i>Genista monspessulana</i>
Broom, Portuguese / striated	<i>Cytisus striatus</i>
Broom, Scotch	<i>Cytisus scoparius</i>
Broom, Spanish	<i>Spartium junceum</i>
Capeweed	<i>Arctotheca calendula</i>
Chinese tallow tree	<i>Sapium sebiferum</i>
Green fountain grass	<i>Pennisetum setaceum</i>
Iceplant, highway	<i>Carpobrotus edulis</i>
Iceplant, crystalline	<i>Mesembryanthemum crystallinum</i>
Jubata grass	<i>Cortaderia jubata</i>
Myoporum	<i>Myoporum laetum</i>
Pampas grass	<i>Cortaderia selloana</i>
Periwinkle	<i>Vinca Major</i>
Russian olive	<i>Elaeagnus angustifolia</i>
Saltcedar	<i>Tamarix ramosissima</i>
Scarlet wisteria	<i>Sesbania punicea</i>



Sixty-Six volunteers participated in the 2010 spring nursery survey. Master Gardeners from Monterey Bay are pictured here, along with photographs of invasive plants taken by survey volunteers.

# CISAC: Statewide all-taxa list

Invasive Species List and Scorecards for California - Mozilla Firefox

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http://ice.ucdavis.edu/invasives/home/species

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## Invasive Species List and Scorecards for California

Home

Select Species Type  
<Any> Apply

Navigation

- Species List
- Scorecards
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User login

Username: \*

Password: \*

Log in

- Create new account
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Scientific Name	Common Name	Type	Subtype	Extent	Risk of Introduction	First Source
<i>Abgrallaspis aguacatae</i>	armored scale	arthropod	scale, aphid	not present	high	CDFA (reg. A)
<i>Abgrallaspis palmae</i>	tropical palm scale	arthropod	scale, aphid	not present	high	CDFA (reg. A)
<i>Abutilon theophrasti</i>	velvet leaf	plant	herbaceous	widespread	n/a (already in CA)	Weeds of CA
<i>Acacia dealbata</i>	silver wattle	plant	woody	limited	n/a (already in CA)	Cal-IPC list
<i>Acacia melanoxylon</i>	black acacia	plant	woody	limited	n/a (already in CA)	Cal-IPC list
<i>Acacia paradoxa</i>	kangaroothorn	plant	woody	limited	n/a (already in CA)	CDFA
<i>Acaena novae-</i>	biddy-biddy	plant	herbaceous	limited	n/a (already	CDFA

CALIFORNIA INVASIVE SPECIES ADVISORY COMMITTEE

Information Center for the Environment

UCDAVIS

Done

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# CISAC: Strategic Framework

- 46 recommendations



# Programmatic EIR



CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

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## STATEWIDE PLANT PEST PREVENTION AND MANAGEMENT PROGRAM ENVIRONMENTAL IMPACT REPORT (EIR)



**NOTICE:** The California Department of Food and Agriculture is preparing an Environmental Impact Report (EIR) for a Statewide Plant Pest Prevention and Management Program. The overall goal of this statewide program is to create a vehicle which provides a time-sensitive and efficient framework for evaluating potential environmental impacts of the various pest

### PEIR UPDATES

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### PEIR DOCUMENT

[Amended Notice of Preparation \(PDF\)](#)

[Scoping Sessions \(PDF\)](#)

### FAQS

[Frequently Asked Questions](#)

### RELATED LINKS

[LBAM Programmatic Environmental Impact Report](#)

### PROGRAM LINKS

[Asian Citrus Psyllid \(ACP\)](#)

[European Grapevine Moth \(EGVM\)](#)

# Thank you

Cal-IPC: [www.cal-ipc.org](http://www.cal-ipc.org)

ISCC/CISAC: [iscc.ca.gov](http://iscc.ca.gov)