

# INVASIVE SPECIES ALERT!

## Shiny Geranium (*Geranium lucidum*)

### HAVE YOU SEEN THIS PLANT?

#### DESCRIPTION

- Native to Eurasia
- Low-growing annual to biennial forb
- 5-petaled pink flowers grow in pairs on short stems
- Flowers appear intermixed with the leaves
- Sepals at base of flower appear keeled, with conspicuous vertical cross-ribs
- Shiny leaves, round to kidney shaped, with 5 to 7 lobes (each shallowly lobed)
- Red stems smooth, grow up to 50 cm tall

**PRIMARY THREAT:** Threatens species at risk, dominates understorey in open *and* closed canopy.



#### BIOLOGY & SPREAD

- Reproduces by seed Feb to Oct
- Local dispersal mainly by wildlife, humans, yard waste, and surface run-off
- Long distance spread in contaminated growing mediums, vehicles, equipment, contaminated seed, and fill material

#### HABITAT

- Prefers semi-open woodlands and open grasslands in the Pacific Northwest
- Will thrive in lawns, gardens, trail edges, forest-understorey, sidewalk cracks, eavestroughs and compost piles

For more information: <https://www2.gov.bc.ca/gov/content/environment/plants-animals-ecosystems/invasive-species/priority-species/priority-plants>

Mature Shiny geranium



#### REPORT INVASIVE SPECIES

Download the App!



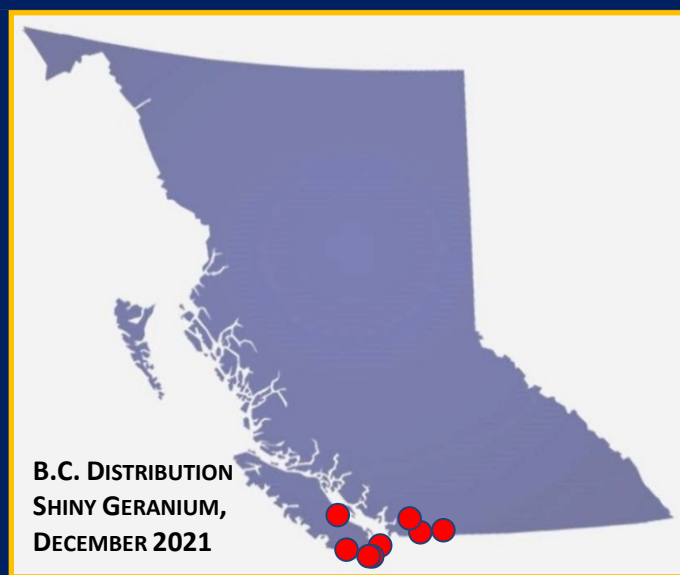
[www.gov.bc.ca/invasive-species](http://www.gov.bc.ca/invasive-species)

Keeled sepals





# Shiny Geranium (*Geranium lucidum*)



## DISTRIBUTION & Status

- Management goal provincial containment
- Limited to southwestern B.C.

Region	Status
Greater Victoria	Containment & control in progress.
Sooke	Contained; control in progress - population in decline.
Salt Spring Island	Containment & control in progress.
Comox Valley	Eradicated, monitoring in progress
Metro Vancouver	Containment & control in progress.
Fraser Valley	Containment & control in progress.

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## DID YOU KNOW?

- In southwestern BC, seeds germinate from February thru October and can produce up to five generations of plants on a single site during one growing season.
- A single plant can produce 10 to 1000 seeds.

## WHAT CAN YOU DO?

- **REPORT** new sightings
- **Trade** non-invasive plants
- **Ensure** potting soil is free of invasive seeds
- **Treat** shiny geranium before disturbing a site with digging, mowers, or machinery



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# Shiny Geranium Identification and Look-Alikes



	Shiny geranium <i>Geranium lucidum</i>	Dove's foot <i>G. molle</i>	Herb Robert <i>G. robertianum</i>	Crane's bill <i>G. dissectum</i>
<b>Leaf</b>	<ul style="list-style-type: none"> <li>• <b>Kidney-shaped outline</b></li> <li>• <b>Glossy</b></li> <li>• Divided into 5-7 broad coarsely toothed lobes</li> </ul>	<ul style="list-style-type: none"> <li>• Kidney-shaped outline</li> <li>• Divided into 5-7 broad coarsely toothed lobes</li> <li>• Few basal leaves</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Triangular outline</b></li> <li>• <b>Pinnately divided</b> into 3-5 segments, cleft half their length</li> </ul>	<ul style="list-style-type: none"> <li>• Rounded outline</li> <li>• <b>Palmately divided</b> into 5-7 segments</li> <li>• <b>Deeply cleft nearly to base into linear segments</b></li> <li>• Spreading hairy</li> <li>• Few basal leaves</li> </ul>
<b>Stem</b>	<ul style="list-style-type: none"> <li>• <b>Red, smooth</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Red, stiff, hairy ("fuzzy")</b></li> </ul>	<ul style="list-style-type: none"> <li>• Spreading, hairy</li> </ul>	<ul style="list-style-type: none"> <li>• Stiff, hairy</li> </ul>
<b>Flower</b>	<ul style="list-style-type: none"> <li>• <b>Sepals hairless, keeled</b></li> <li>• Petals rounded at the tips</li> </ul>	<ul style="list-style-type: none"> <li>• Sepals slightly shorter than petals, tips abruptly pointed</li> <li>• Petals shallowly notched at the tips</li> <li>• Soft-hairy</li> </ul>	<ul style="list-style-type: none"> <li>• Soft-hairy</li> <li>• Petals rounded at the tips</li> <li>• Sepals 6-9mm long</li> </ul>	<ul style="list-style-type: none"> <li>• Petals shallowly notched at the tips</li> <li>• Sepals equal to petals, bristle-tipped</li> </ul>
<b>General</b>			<ul style="list-style-type: none"> <li>• Strong leaf odour</li> </ul>	