

Victoria has both freshwater and marine pests that have been declared as noxious species (dpi.vic.gov.au/noxious). Noxious species must not be returned to the water as they might feed on, or out compete, our native wildlife and can seriously affect fish habitat and fish stocks.

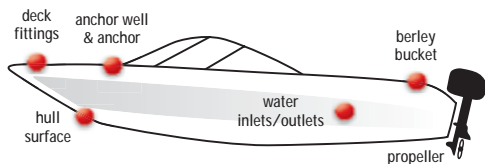
Pests are almost impossible to get rid of once they have arrived, so it is much more effective to stop them spreading in the first place. Anyone using inland or marine waters can help.

You can help protect our waters by following the 6 Ds to keep your boat and gear clean.

### Six Ds to Deter Pests

1. **Dislodge** all plants and animals and bin them.
2. **Drain** water from boat and gear. Try not to let it drain back into the water.
3. **Dispose** of unwanted live bait in a bin.
4. **Douse** your boat and gear with freshwater. Try not to let it drain back into the water.
5. **Dry** your boat and equipment.
6. **Don't** forget to apply an authorised antifoulant where appropriate (within the antifoulant maximum in-service period and as directed on the can).

### Areas on Your Boat to Target



### Freshwater Pests

Some common freshwater pests that have been declared noxious include common carp, marron, mosquito fish and weather loach.

### Marine Pests

Some common marine pests include Northern Pacific seastar, European fan worm, European shore crab and Japanese kelp.

### The Northern Pacific Seastar

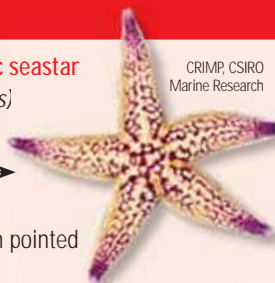
The Northern Pacific seastar is one of the worst marine pests in Victoria. A threat to fish stocks and the marine environment, these seastars release millions of eggs and can grow a full body from a single arm. If you remove them from the water, make sure you bin them whole.

They are often mistaken for native species so make sure you can tell the difference.

#### PEST

**Northern Pacific seastar**  
(*Asterias amurensis*)

CRIMP, CSIRO  
Marine Research



Pointed Tips →

- Five arms with pointed upturned tips
- Mainly yellow but may have purple detail
- Arms are covered in many small spines with jagged ends that are arranged irregularly along arms

#### NATIVE

**11 armed seastar**  
(*Coscinasterias muricata*)



Rounded Tips →

- Colour brown or blue-grey
- Usually 11 arms, may be less
- Large well-spaced spines

**Zig zag seastar**  
(*Uniophora granifera*)



Rounded Tips →

- Colour brownish-yellow with mauve tinges
- Five arms with rounded, blunt tips