



Department of  
Primary Industries and  
Regional Development

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# Polyphagous shot-hole borer (PSHB)

WALGA PSHB Stakeholder Meeting  
September 2024





# PSHB Hosts – Top 10 currently in WA



EXOTIC TO AUS

**Box Elder Maple**  
(*Acer negundo*)

AMPLIFIER



EXOTIC TO AUS

**Black Locust**  
(*Robinia pseudoacacia*)

PREFERRED



EXOTIC TO AUS

**Coral Tree**  
(*Erythrina x sykesii*)

PREFERRED



EXOTIC TO AUS

**Plane Tree**  
(*Platanus x acerifolia*)

REPRODUCTIVE



EXOTIC TO WA

**Moreton Bay Fig**  
(*Ficus macrophylla*)

REPRODUCTIVE



EXOTIC TO AUS

**Poinciana**  
(*Delonix regia*)

REPRODUCTIVE



EXOTIC TO AUS

**Mirror Bush**  
(*Coprosma repens*)

REPRODUCTIVE



EXOTIC TO WA

**Port Jackson Fig**  
(*Ficus rubiginosa*)

REPRODUCTIVE



EXOTIC TO AUS

**Castor Oil**  
(*Ricinus communis*)

REPRODUCTIVE

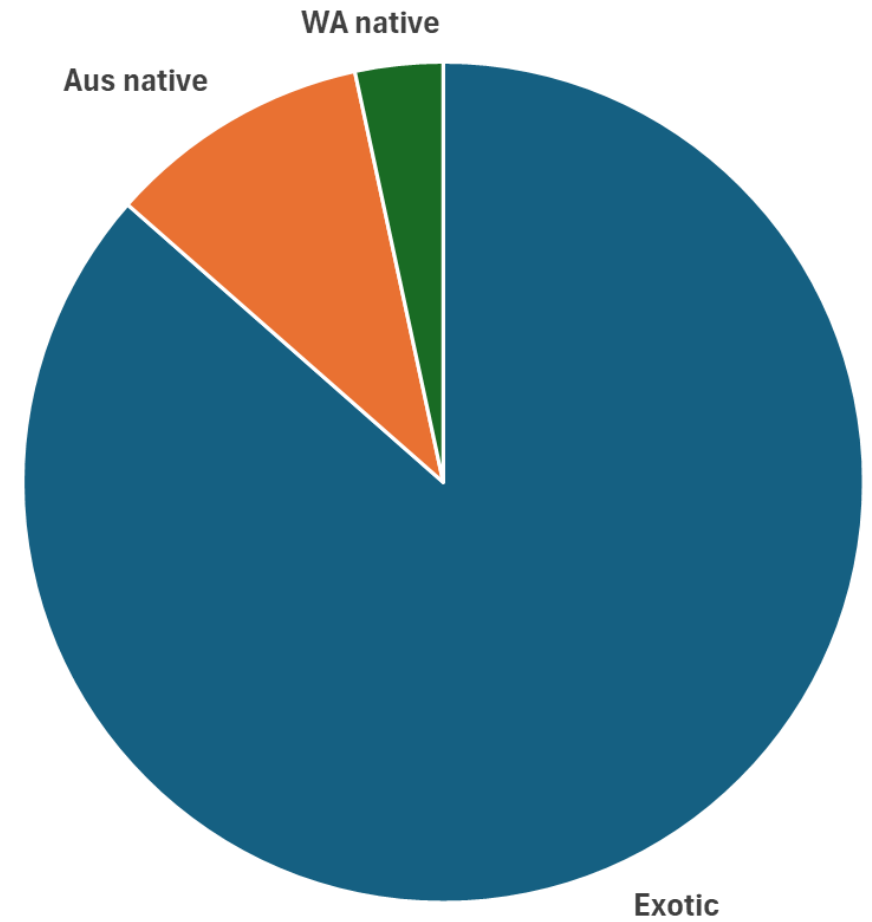
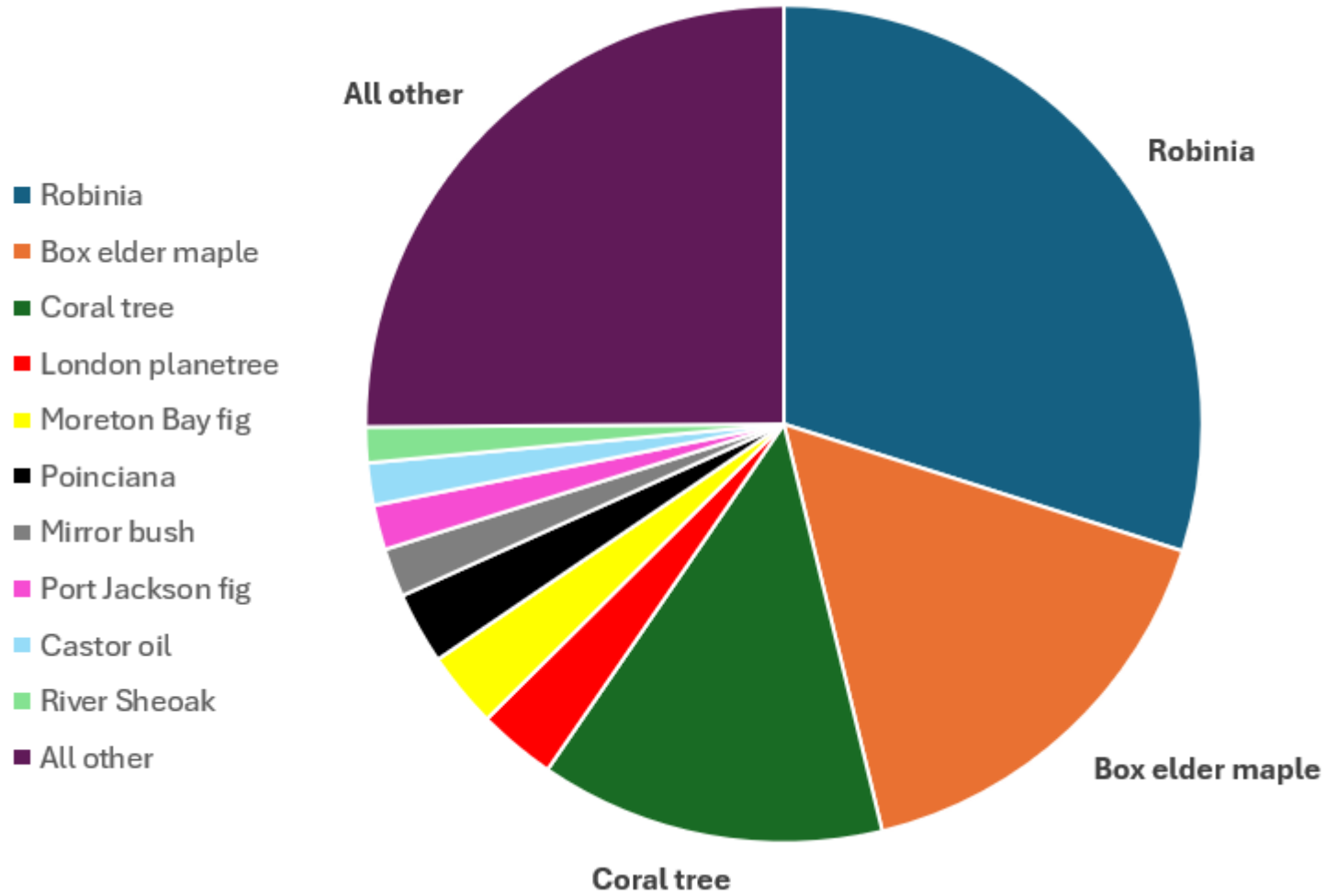


EXOTIC TO WA

**River Sheoak**  
(*Casuarina cunninghamiana*)

REPRODUCTIVE

# Infested/symptomatic hosts





# Training and Education

- So far in 2024, the PSHB Response team has delivered more than 80 presentations to LG staff, communities, industry and other key stakeholders.
- Stalls at various public events, including:
  - Perth Garden Festival
  - Hyde Park Festival
  - Kalamunda Garden Festival
- Interactive display for the upcoming 8-day Perth Royal Show



# Training and Education

- Training for LG staff has been a key focus
- Equipping officers with the knowledge to detect and report possible PSHB infestation while undertaking regular duties → increased surveillance and early detections
- Offer for in-person training extended to 32 LGs within and adjacent to QA

Training completed or upcoming		
City of Armadale (x2)	City of Fremantle	Shire of Mundaring
City of Bayswater	City of Gosnells (x2)	City of Nedlands
Town of Cambridge	City of Joondalup	City of Rockingham
City of Canning	City of Kalamunda	City of Stirling (x4)
Shire of Chittering	City of Kwinana	City of Swan
Town of Claremont	City of Mandurah (x2)	Town of Victoria Park
City of Cockburn (x2)	City of Melville (x2)	City of Vincent
Town of East Fremantle	Town of Mosman Park	City of Wanneroo (x4)


# Regional WA Engagement

- Holding a Regional PSHB Webinar on Tuesday 17 September
  - 107 regional LGs across WA invited to attend webinar
  - Increase awareness and understanding of the pest, opportunity to ask questions
- Upcoming engagement with regional industry stakeholders
  - Plantation industry
  - Avocado industry






# PSHB Signage




## You are in the Polyphagous shot-hole borer Quarantine Area

### Check restrictions before moving wood or plant material:


- Wood must be chipped to less than 2.5 cm before leaving the Quarantine Area.



Scan to find out more



The entrance holes are approximately the size of a ballpoint pen tip.



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## Polyphagous shot-hole borer detected in this area

### Help stop the spread:

- Report suspect borer damage.
- Take photos of suspected borer activity, include a pen or ruler for scale.
- Report via the MyPestGuide® Reporter App.



Scan to find out more



The entrance holes are approximately the size of a ballpoint pen tip.



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# Local Government Engagement Plan

- Aims for further collaboration between DPIRD and LGs to eradicate PSHB
- Informed by consultation with LG representatives and WALGA
- Suite of actions for implementation by DPIRD and suggestions for LGs
- Letter issued to CEOs
  - Nominate a representative to engage with the PSHB response

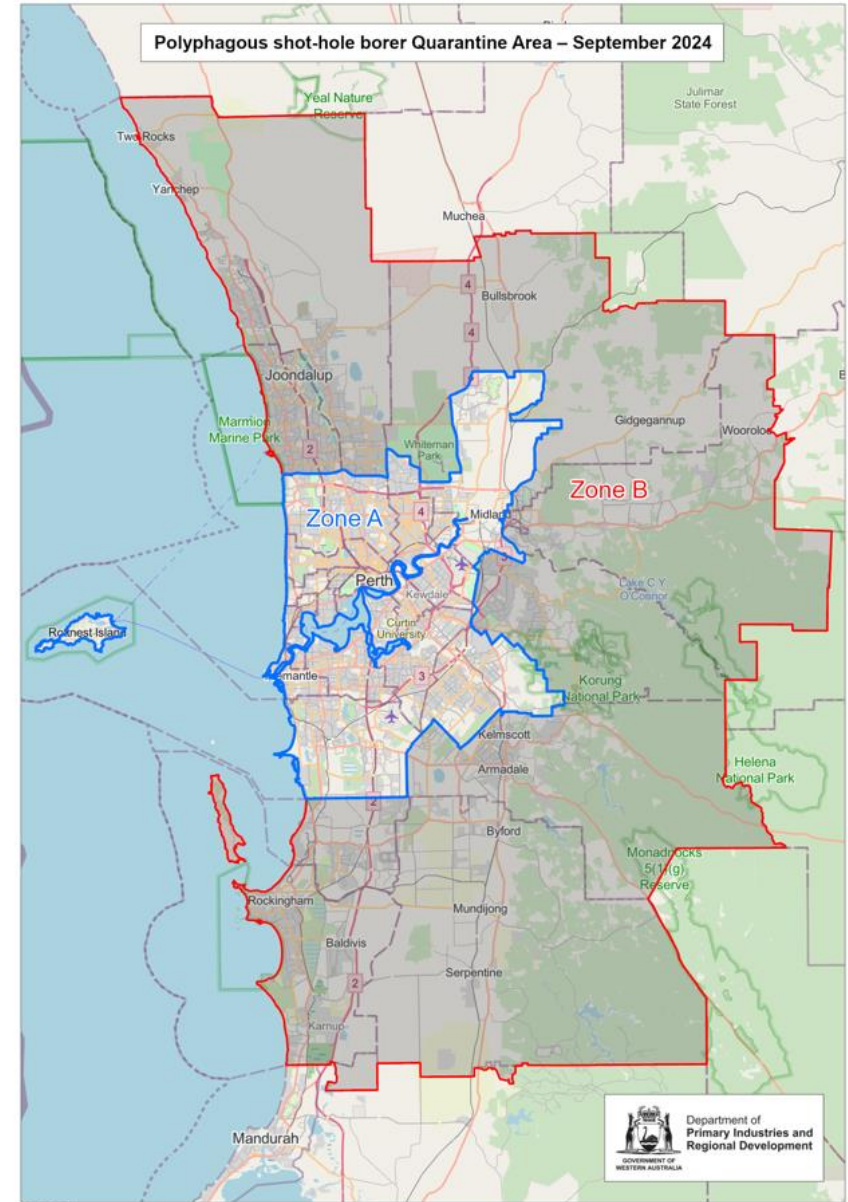
## **Commitments of the plan include:**

- LG reporting channel in the MyPestGuide® Reporter App.
- Tailored monthly bulletin to LGs
- Monthly meetings with LGs to discuss priority tree management and surveillance activities
- PSHB maps with the locations of positive traps and infested premises within LGA (for those that have entered into a privacy Deed Poll).



# Quarantine Area (QA)

- Detections outside of the QA triggered a review of the boundaries
- QA expanded, 5 new LGs:
  - Armadale, Kwinana, Mundaring, Rockingham and Serpentine Jarrahdale
- QA split into 2 zones:
  - Zone A (inner metro, high infestations)
  - Zone B (outer metro, buffer zone)
- Letters issued to CEOs

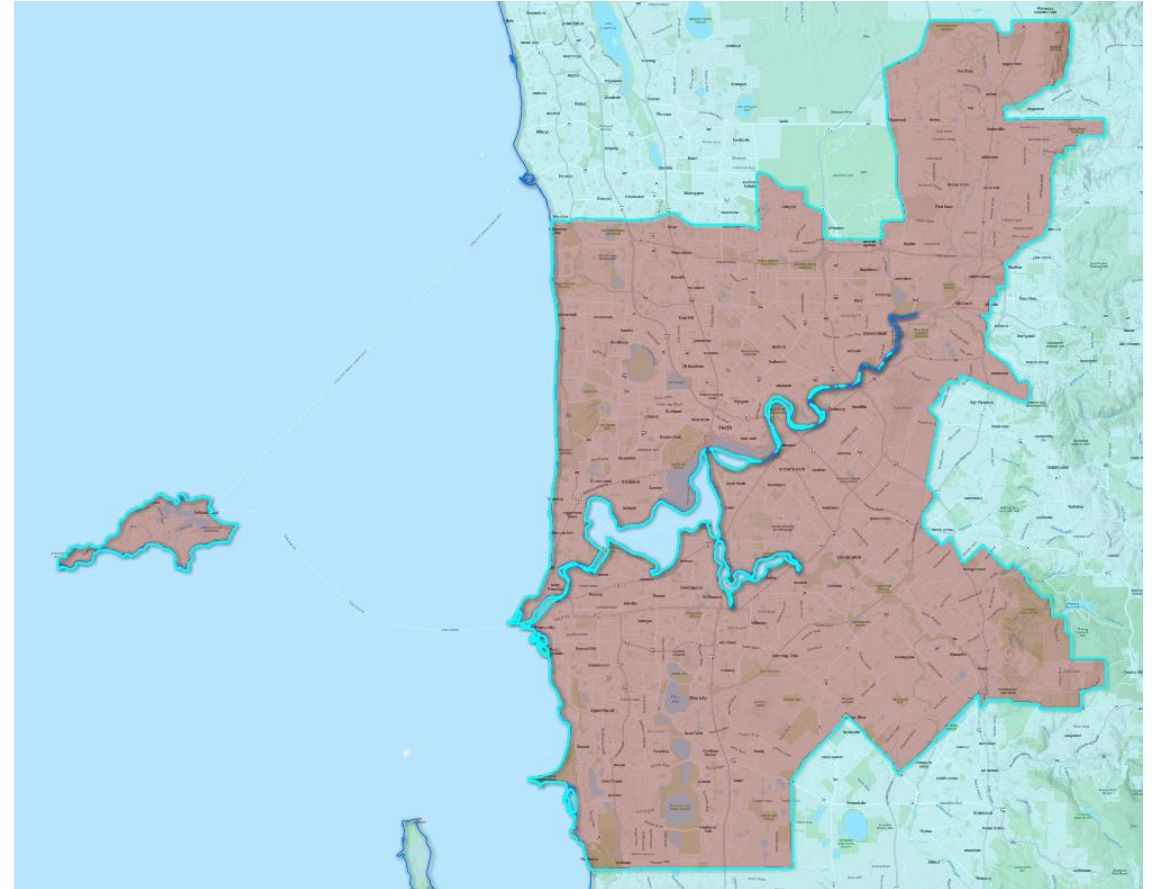


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# Quarantine Area (QA): Zone A

Zone A includes areas of 'higher infestation'

- cannot move untreated or unseasoned **wood** outside **Zone A**, unless chipped to pieces that are 2.5 cm or less in diameter;
- cannot move **plant materials**, including living plants, that are greater than 2cm in diameter outside **Zone A**;
- must ensure any machinery used to handle wood or plant material is cleaned before it can be moved outside **Zone A**.
- can move wood or plant materials, including living plants, **within Zone A**

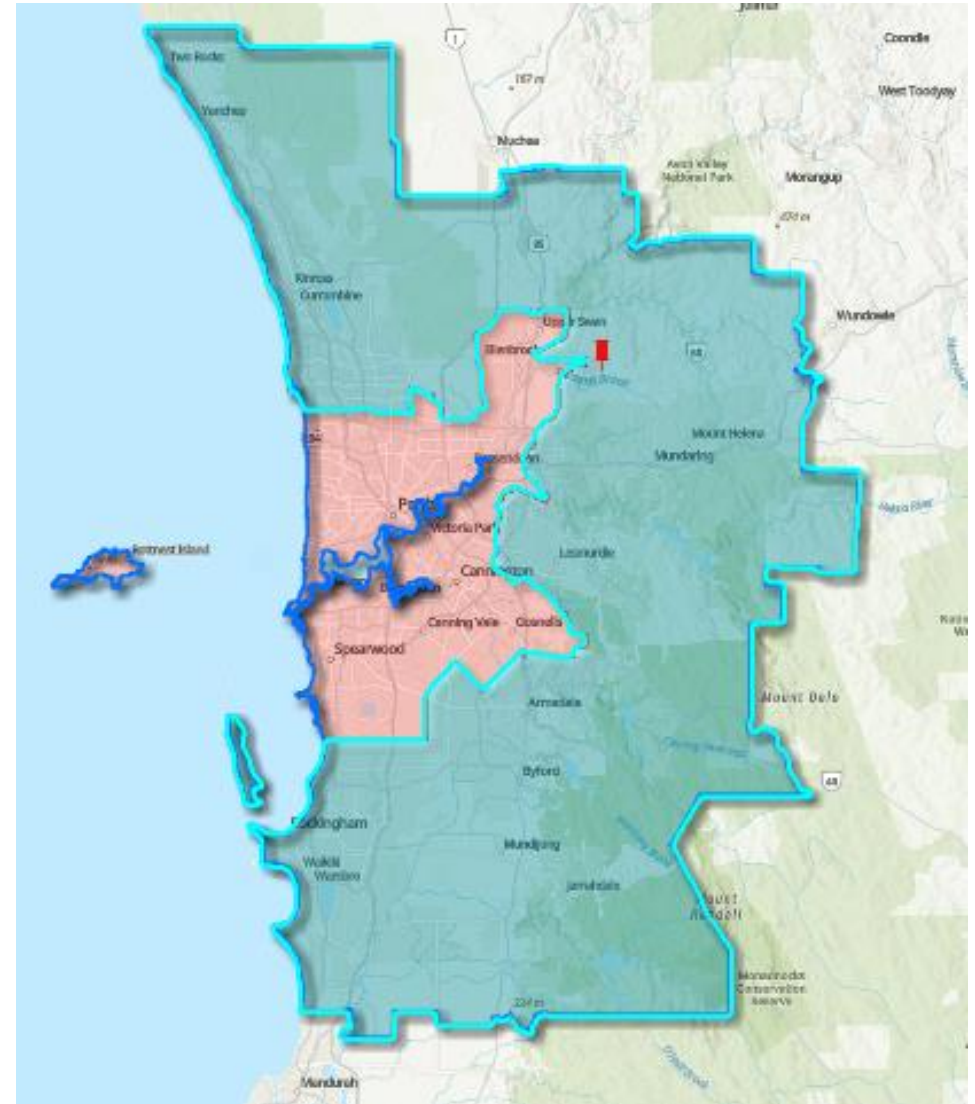




# Quarantine Area (QA): Zone B

Zone B acts as a 'buffer zone' with fewer or no infested trees.

- cannot move untreated or unseasoned **wood** outside the **Quarantine Area**, unless chipped to pieces that are 2.5 cm or less in diameter;
- cannot move **plant materials**, including living plants, that are greater than 2cm in diameter outside the **Quarantine Area**;
- must ensure any machinery used to handle wood or plant material is cleaned before it can be moved outside the **Quarantine Area**;
- can move wood or plant materials, including living plants, **within Zone B and into Zone A.**



# Thank you

[dpiird.wa.gov.au](http://dpiird.wa.gov.au)    



## Important disclaimer

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