



**On the edge:**

**Birds of the  
Darling Scarp &  
Swan Coastal Plain**

**Cheryl Gole**

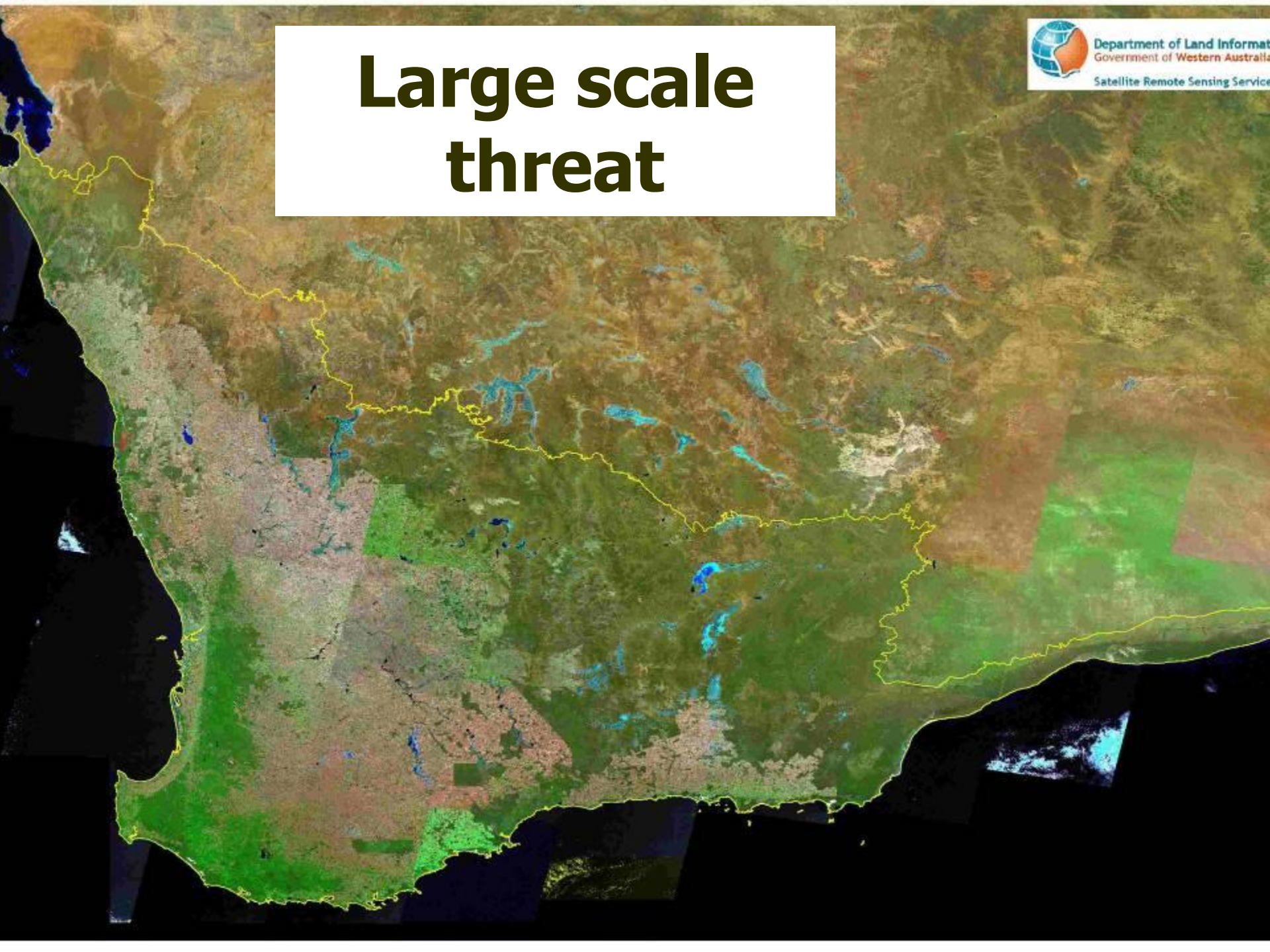


# On the edge ...

- Importance of remnant vegetation for birds
- Significance of reserves, gardens, corridors
- Outside our patch ...
- And what about cockatoos?

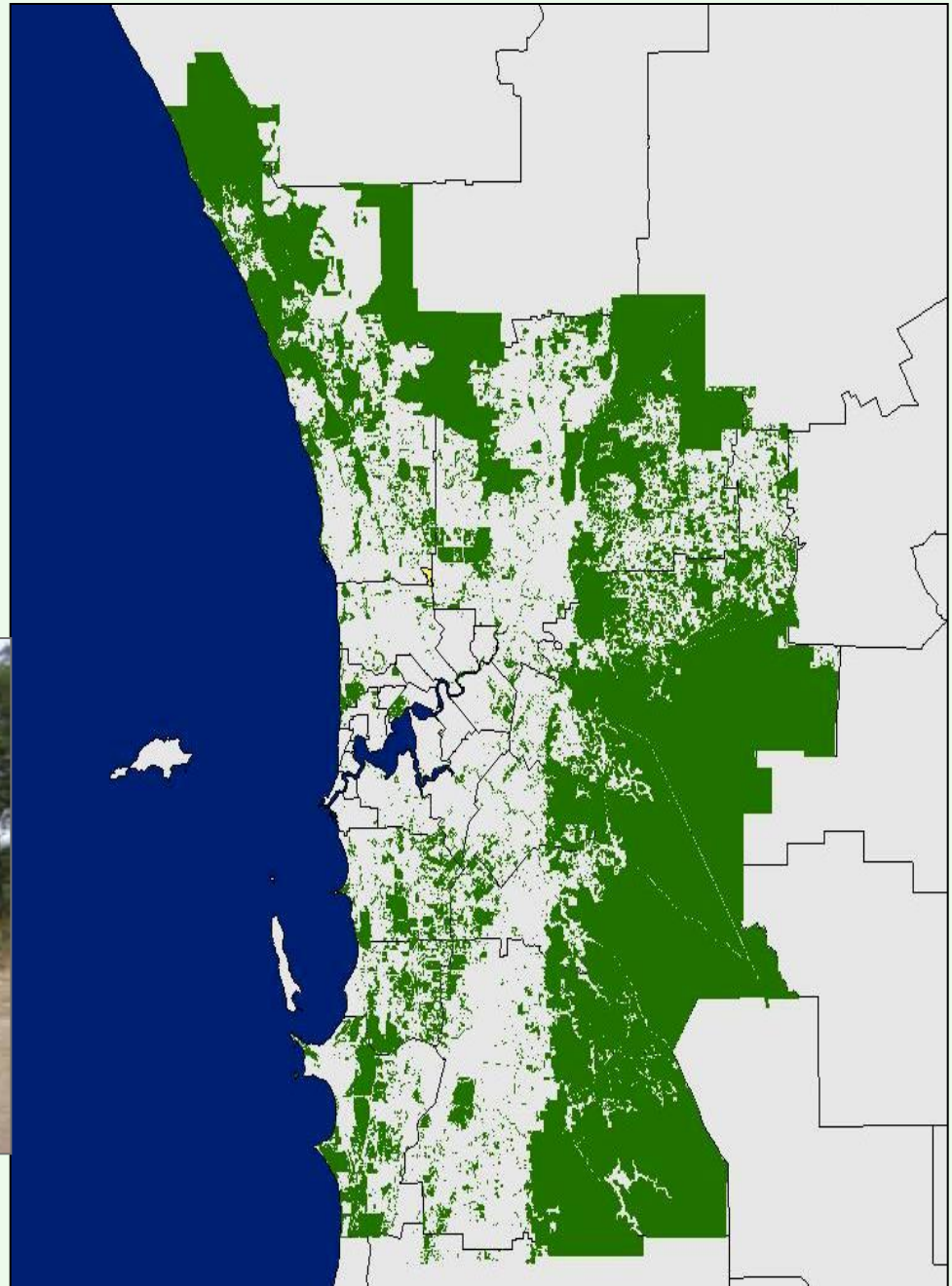


# Large scale threat





# Large scale threat



# Loss of habitat & isolation







# **Perth Biodiversity Project: The Context**

- High biodiversity value (within Southwest Australia Ecoregion - global biodiversity hotspot)
- Population growth and urban development in Perth Metropolitan Region
- WALGA: biodiversity conservation in this context is challenging

# Methods

- **Local governments**
- **Perth Metro ( + Chittering)**
- **Three rounds (2003-2006)**
- **Monthly for one year**
- **Presence data (cf. birds in flight)**
- **Site boundaries**
- **Observers**





# Darling Range



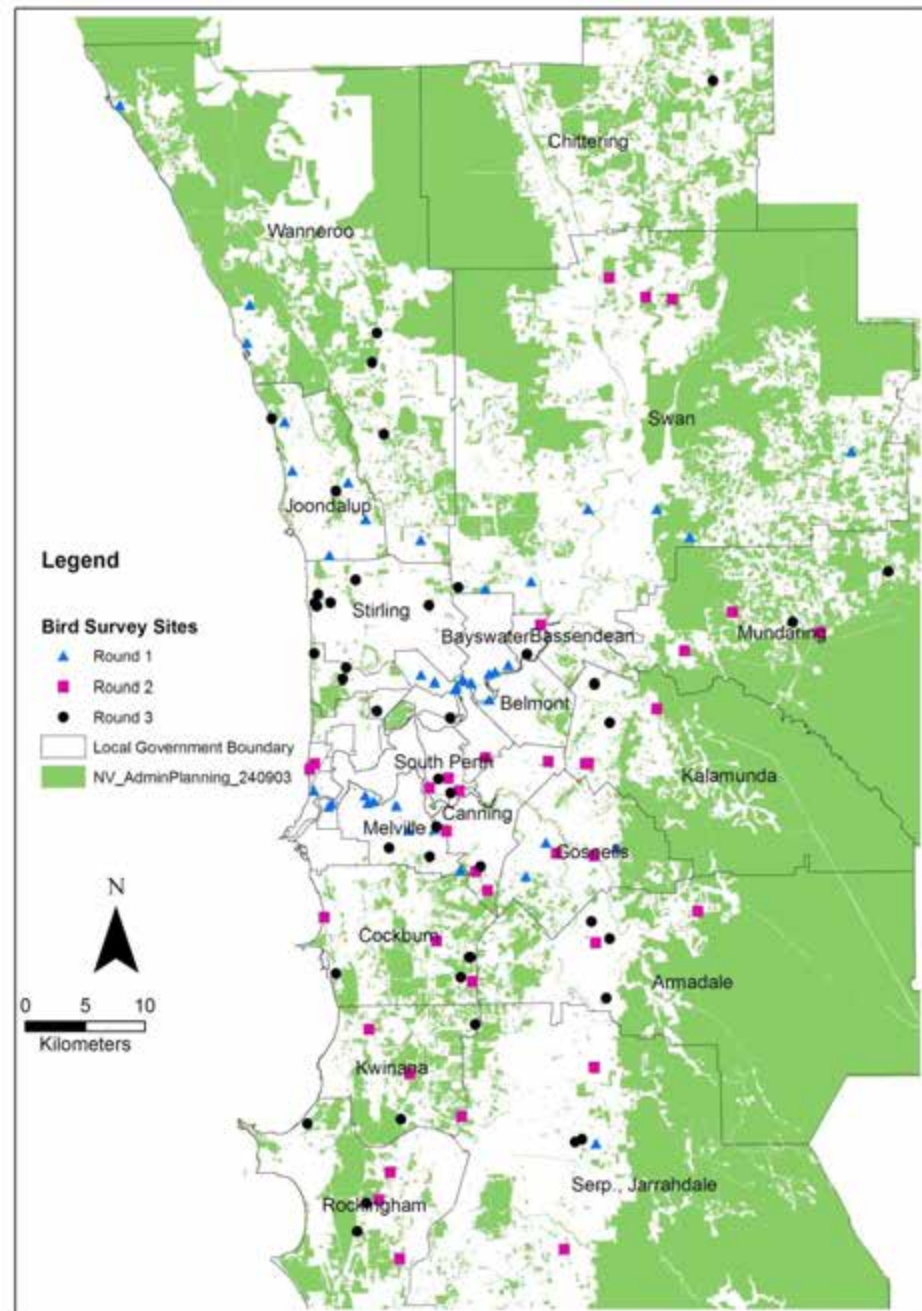


# Swan Coastal Plain



# Results

## Survey site locations







# **Perth Biodiversity Project reserves: Most common birds**

**Red Wattlebird**

**Brown Honeyeater**

**Australian Raven**

**Singing Honeyeater**

**Black-faced Cuckoo-shrike**

**Silvereye**

**Galah**

**Australian Ringneck**

**Magpie-lark**

**Willie Wagtail**

**Australian Magpie**

# Urban birds





# Urban birds



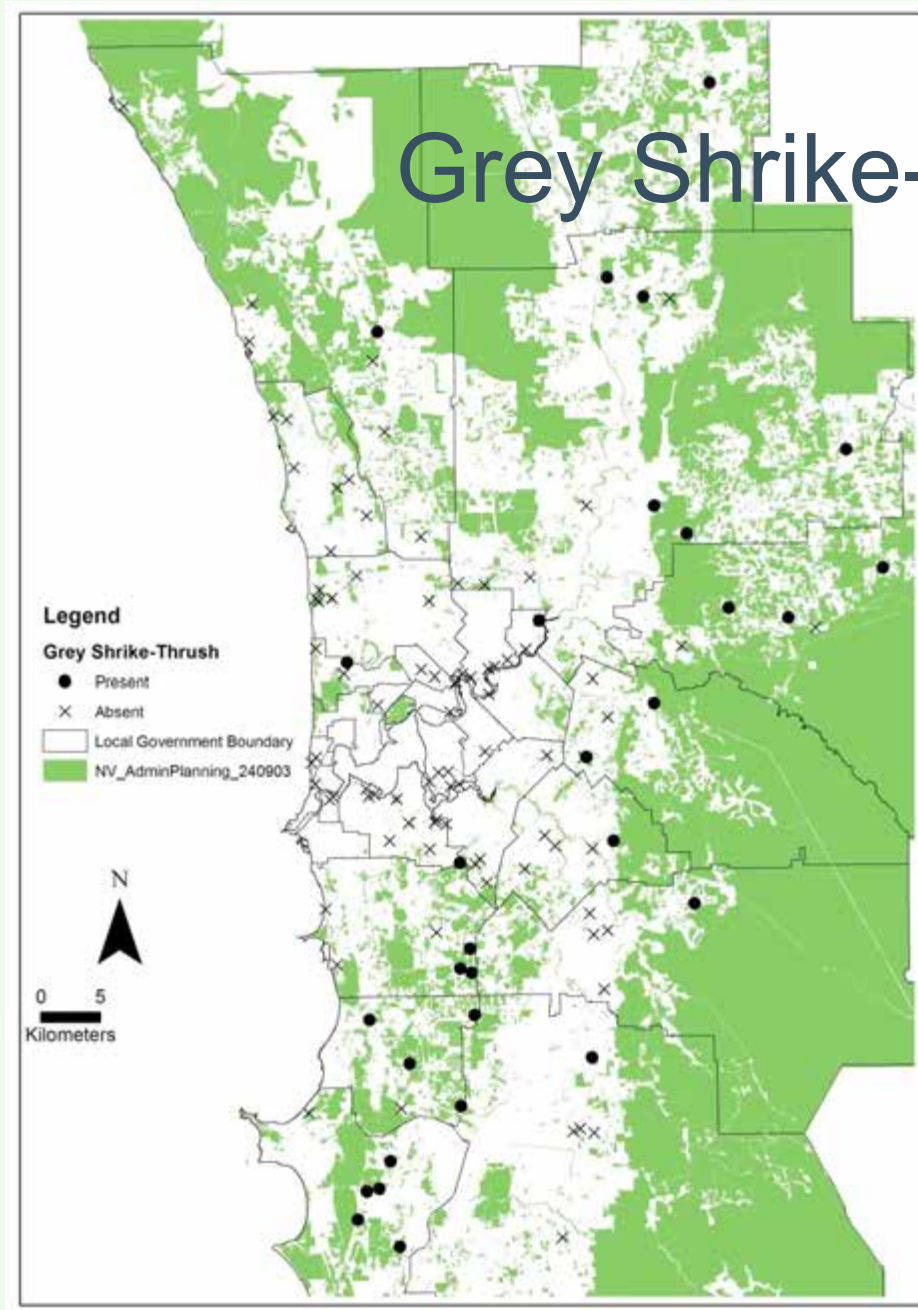
# Urban birds



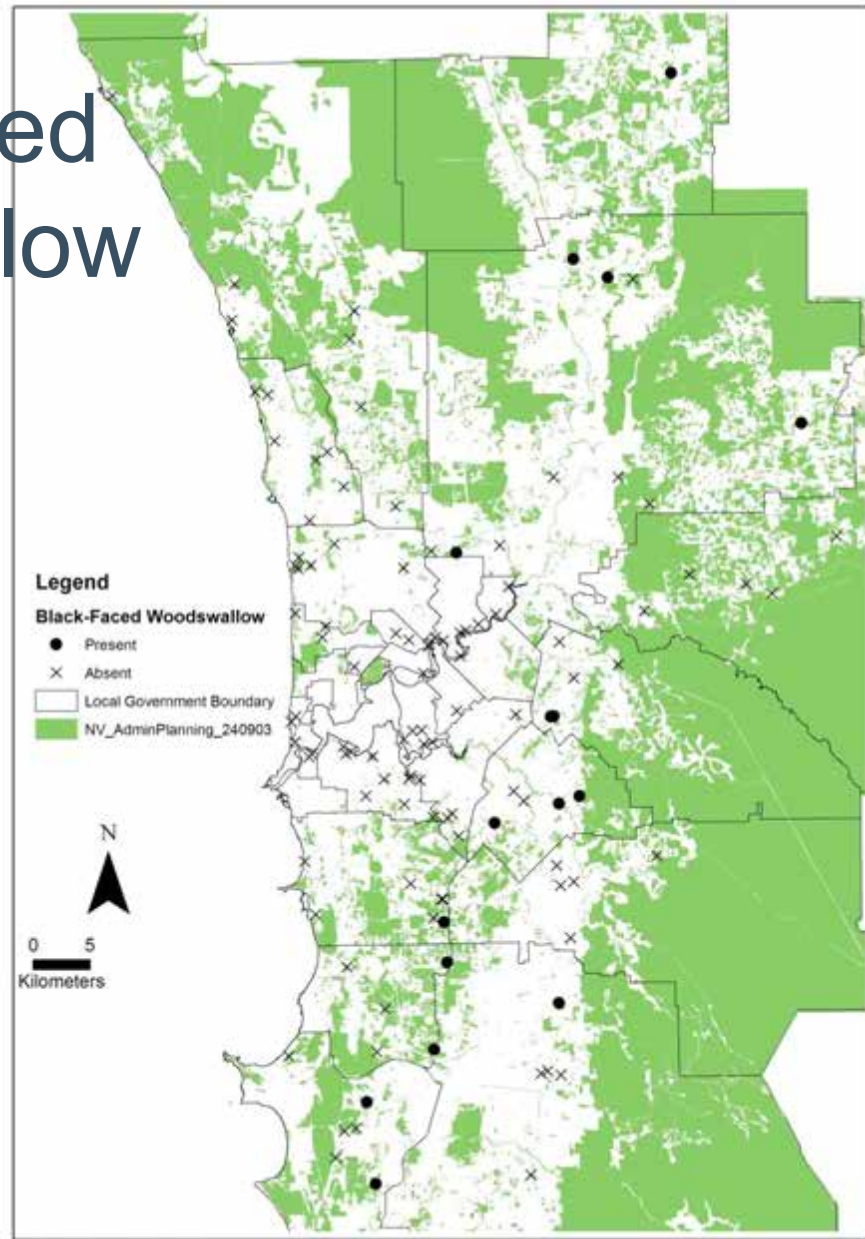


# Results

# Grey Shrike-thrush



# Black-faced Woodswallow





# Bushland dependent



# Bushland dependent





# Bushland dependent



# Bushland dependent





# Threatened birds



# Darling Range birds





# Western Yellow Robin



# Resources in reserves & gardens – food & water





# Resources in reserves and gardens – nest sites



# **Resources in reserves & gardens – shelter and protection**







Outside our patch ...

# Outside our patch: the wheatbelt and the Great Western Woodlands





# Outside our patch: the deserts





# Great Cocky Count

- Since 2006
- Count at night roosts (sunset)
- Annual since 2010
- **This year:**
  - Sunday 6 April
  - White-tails & Red-tails
  - Across SW WA
- **To participate:**
  - Go online; register and find out
  - Report roost sites
  - Get friends/family/groups to help



# Thanks

Everyone who provided additional  
photographs

