

Grey-headed Flying-foxes in South Australia



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Adelaide and Mt Lofty Ranges

Jason van Weenen

One known SA camp in Adelaide's Botanic Park

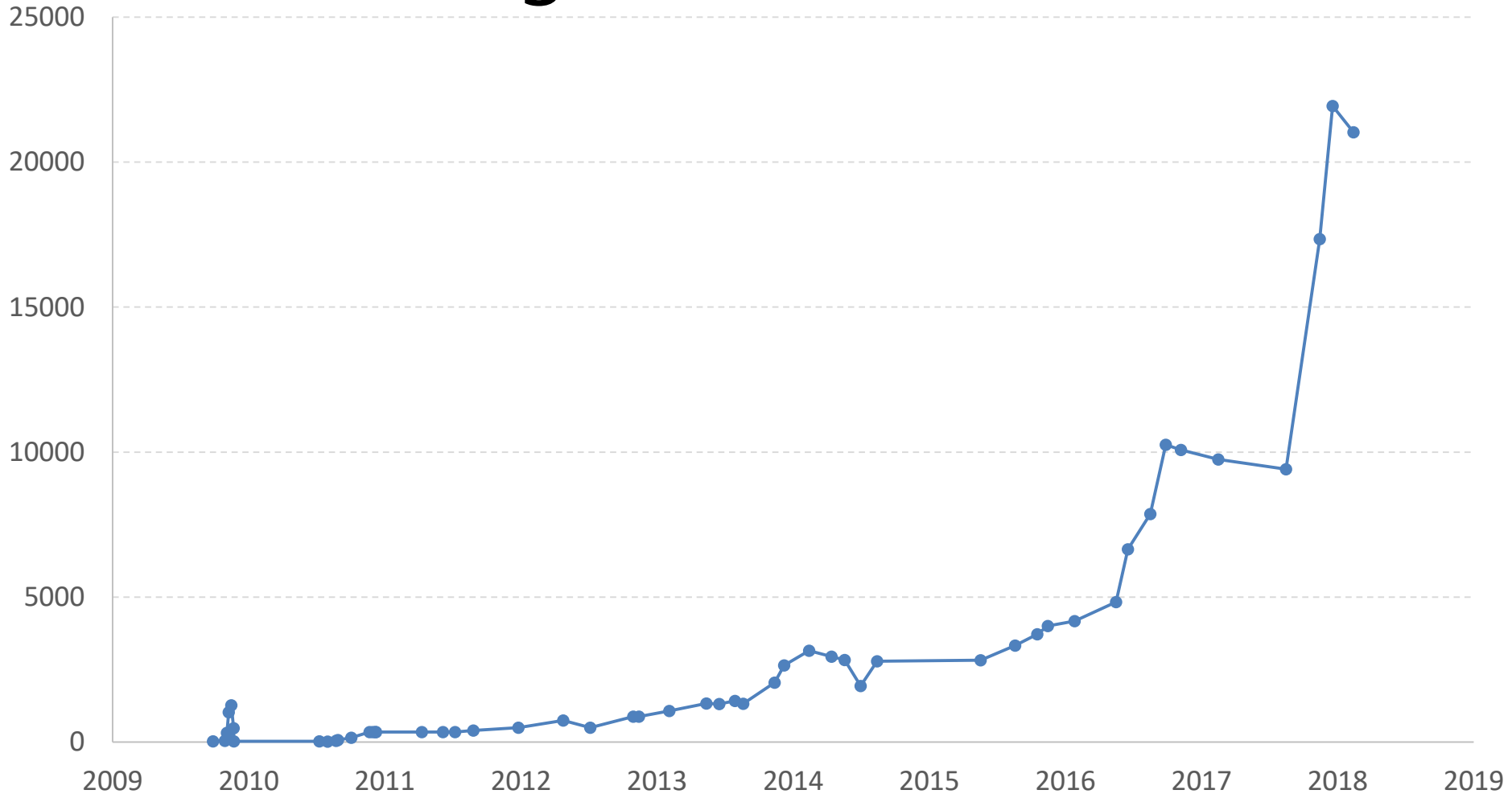


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Grey-headed Flying-fox colony growth in SA



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SA Grey-headed Flying-Fox Working Group

- Natural Resources – Adelaide & Mt Lofty Ranges
- Botanic Gardens of South Australia
- Zoos SA
- SA Museum (& flying-fox experts)
- Wildlife carers
- SA Health
- SA Power Networks
- Apple, Pear & Cherry Grower Associations
- Botanic High School
- Adelaide University (and research partners)
- Department for Environment and Water
- Adelaide City Council
- Adelaide Airport



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Camp Management Planning

- Short term tree management
- Longer term footprint planning discussions
 - Botanic Park vs Botanic Gardens
 - River Torrens

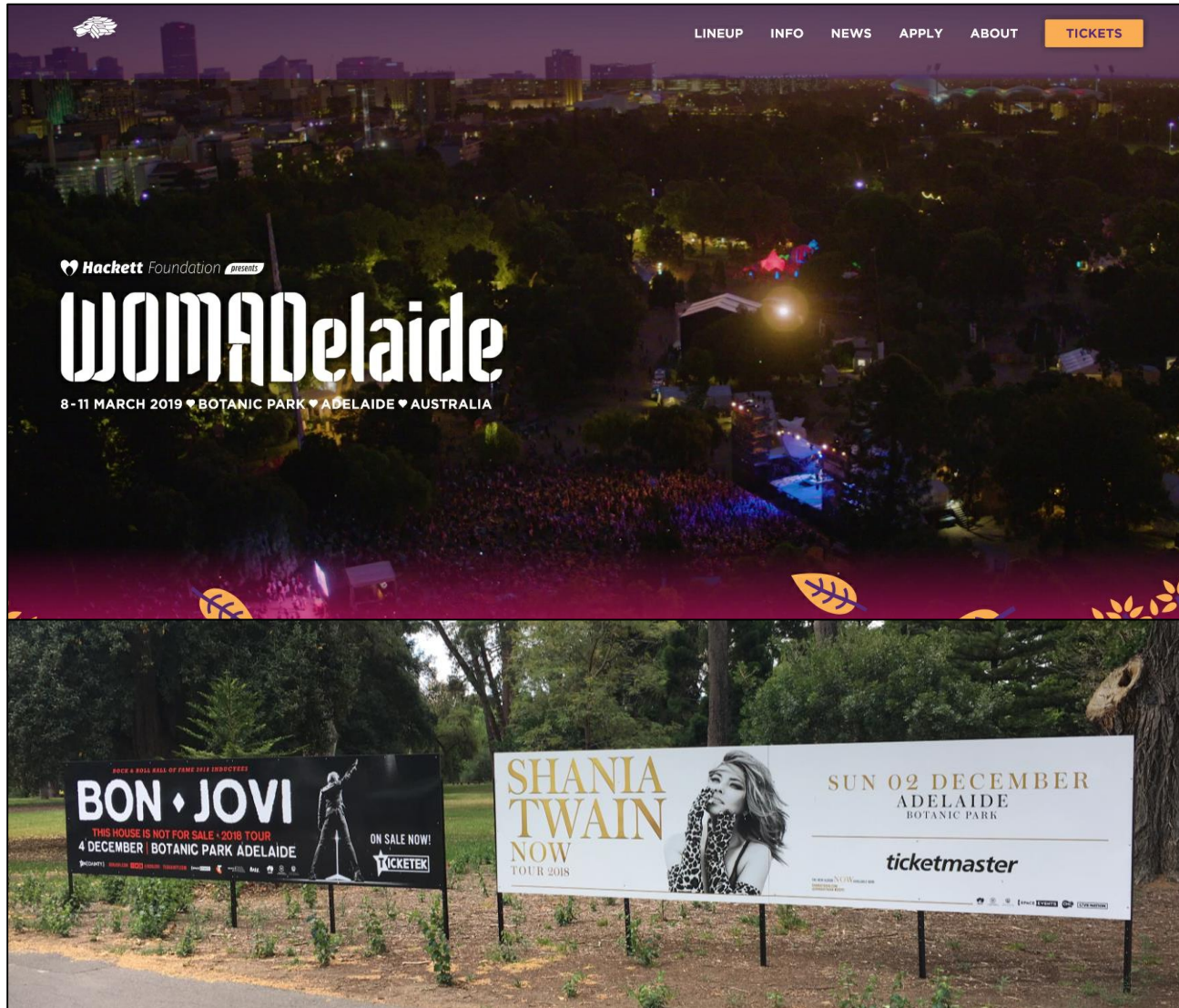


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Event planning



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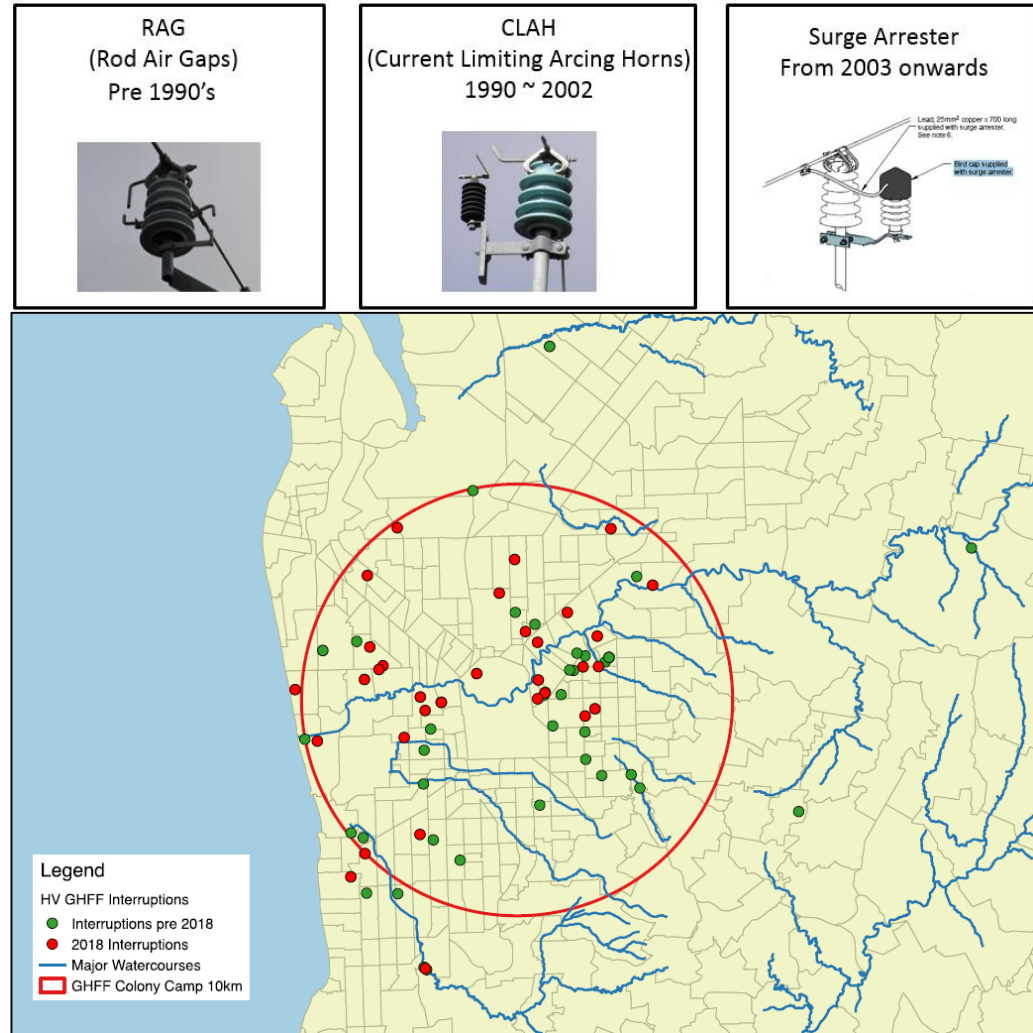


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SA Power Networks



Grey-headed Flying-foxes
are increasingly causing HV
power outages in Adelaide



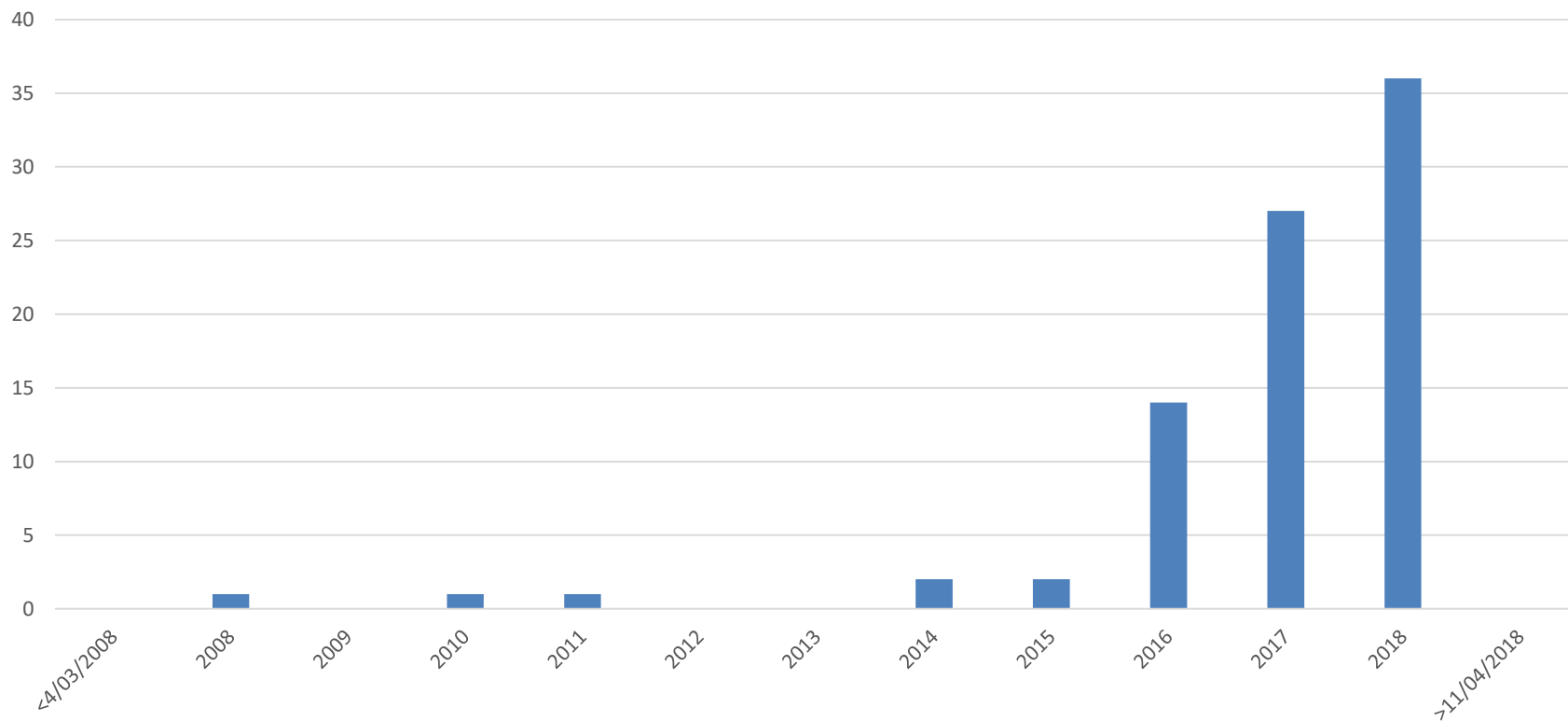
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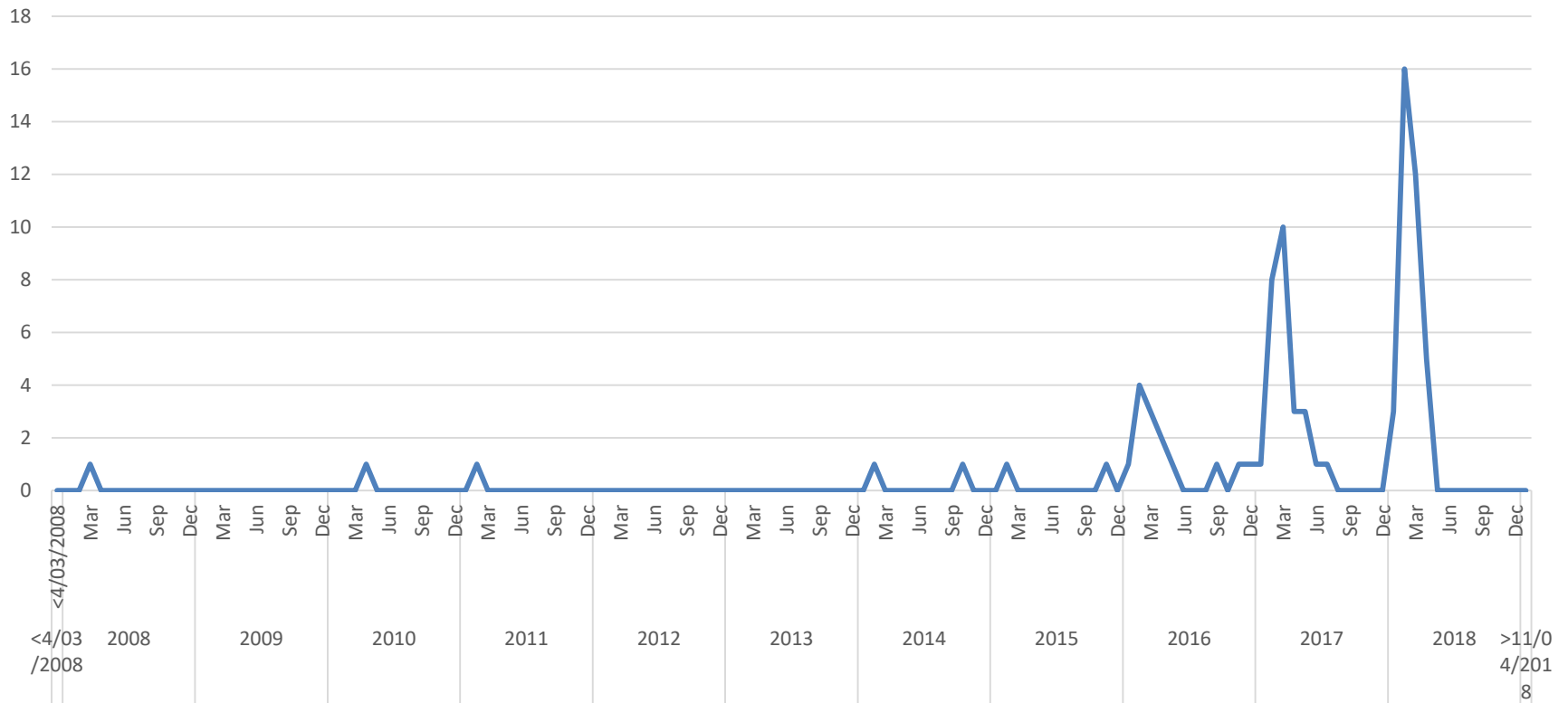
- 84 High Voltage (HV) interruptions since 2008 to May 2018
- Vast majority in last three years corresponding with local population growth

Total GHFF HV Interruptions by Year



- Vast majority occur from months December to April

Total GHFF HV Interruptions by Month



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Adelaide Botanic High

- Located within 50m of the camp
- Opens for the first student intake in Feb 2019
- GHFF conservation and management likely to become a study focus for the students



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Wildlife Carers

- ~30 carers in the Adelaide FF network
- Conduct all the general rescues in SA
- Responding to SAPN, community enquires, heat stress events....
- Translocation planning



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Primary production

- Impacts in SA to date have been minor (cherries, apples, persimmons)
- Production focussed workshops have been held to identify risks and possible mitigation strategies
- Currently 1000ha of orchards in the Mount Lofty Ranges that are not netted
- SA (Mt Lofty Ranges) industry leaders appreciative of the complexity of mitigating impacts
- Change in local industry focus



Heat stress emergency response planning

- Current priority for the SA Working Group
- Heat stress events are expected annually in Adelaide
- Size, location and behaviour of the colony requires improved response coordination
- Plan aims to minimise impacts on the colony and the risk to public (and ensure stakeholders are adequately supported)



Thanks



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