

Supplementary material

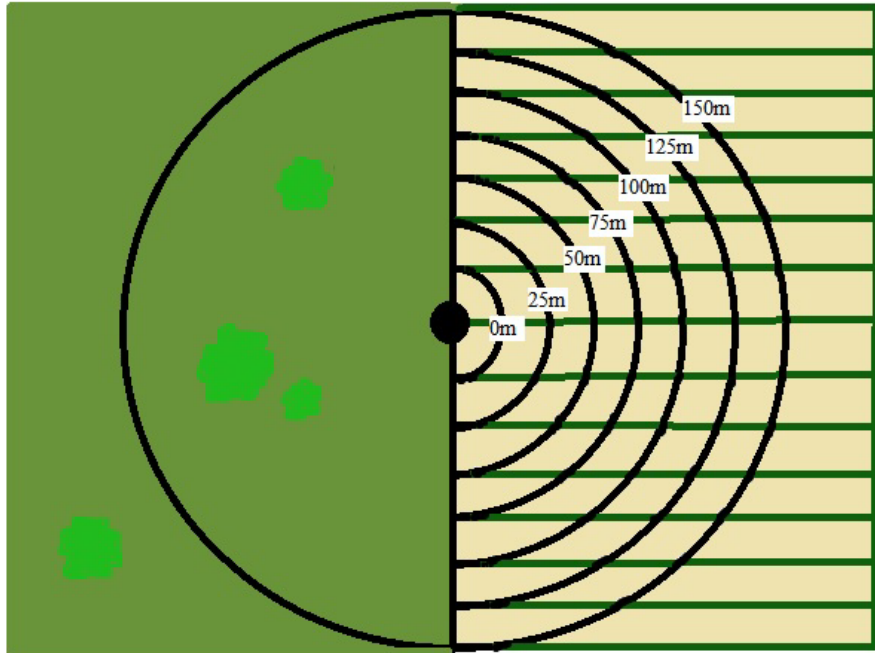
Providing perches for predatory and aggressive birds appears to reduce the negative impact of frugivorous birds in vineyards

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Key:

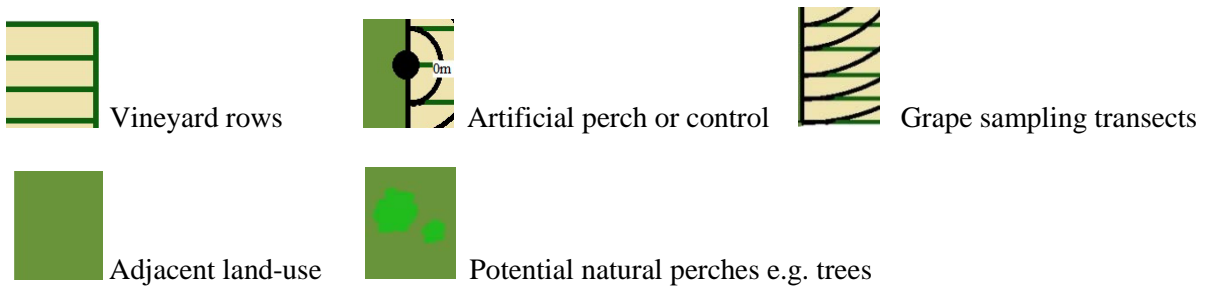


Fig. S1. Vineyard site. A site incorporates a 150-m radius from each artificial perch or control.

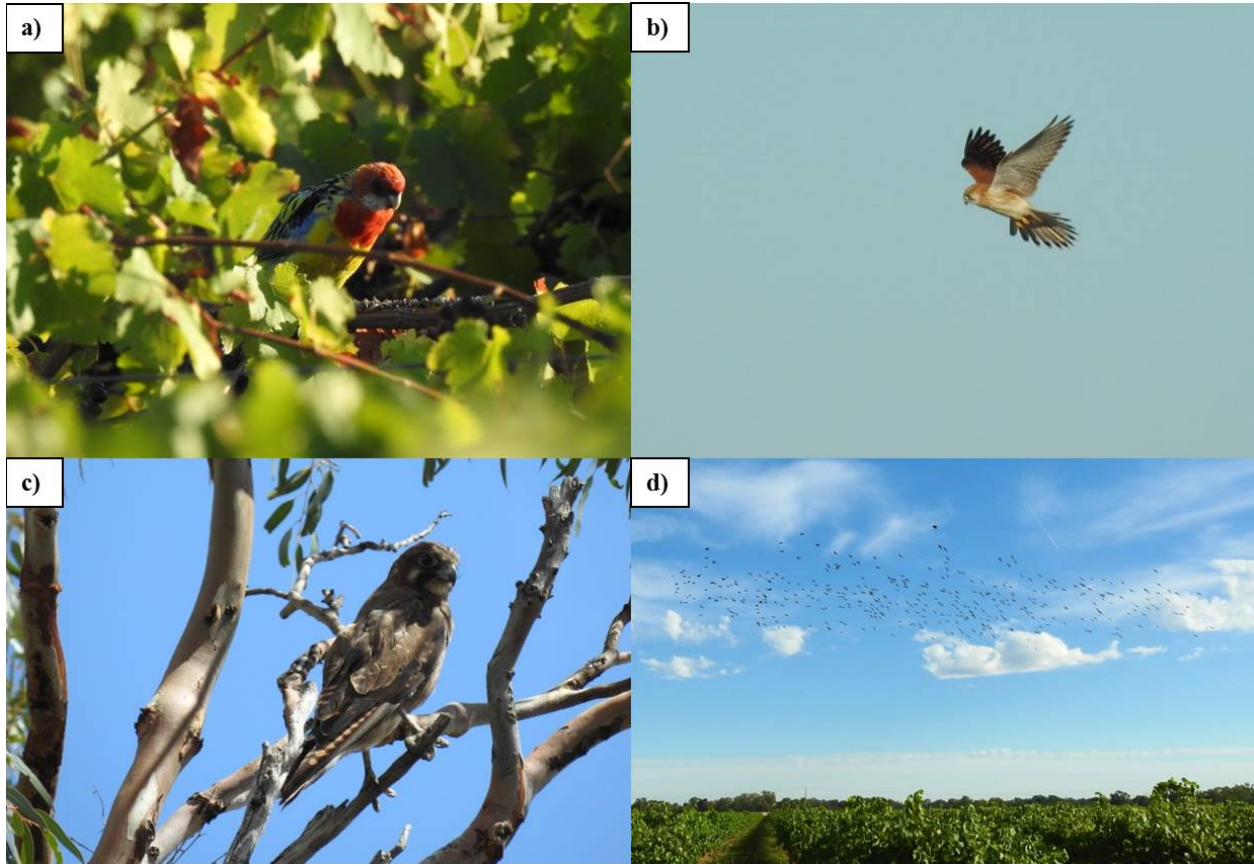


Fig. S2. Examples of birds observed during bird surveys at harvest. (a) Eastern rosella (*Platycercus eximius*) eating grapes; (b) nankeen kestrel hunting over vineyard; (c) brown falcon perched in a *Eucalyptus* (natural perch) next to a vineyard block; and (d) flock of common starlings observed eating grapes.

Table S1. Grape damage assessment dates and dates of actual harvest

Site	Sampling date	Harvest date
1	27 Jan. 2016	1 Feb. 2016
2	27 Jan. 2016	1 Feb. 2016
3	16 Feb. 2016	Did not harvest
4	2 Feb. 2016	8 Feb. 2016
5	29 Jan. 2016	8 Feb. 2016
6	29 Jan. 2016	8 Feb. 2016
7	29 Jan. 2016	8 Feb. 2016
8	29 Jan. 2016	8 Feb. 2016
9	17 Feb. 2016	25 Feb. 2016
10	1 Feb. 2016	8 Feb. 2016
11	1 Feb. 2016	8 Feb. 2016
12	1 Feb. 2016	8 Feb. 2016

Table S2. Species observed at sites during bird surveys

Bird species	Scientific name	Perch sites – Veraison	Control sites – Veraison	Perch sites – Harvest	Control sites – Harvest
Australian hobby	<i>Falco longipennis</i>		✓		
Australian magpie	<i>Cracticus tibicen</i>	✓	✓	✓	✓
Australian raven ^A	<i>Corvus coronoides</i>	✓	✓	✓	✓
Australian white ibis	<i>Threskiornis moluccus</i>	✓			
Australian wood duck	<i>Chenonetta jubata</i>		✓		
Black-faced cuckoo shrike	<i>Coracina novaehollandiae</i>	✓		✓	✓
Blue-faced honeyeater	<i>Entomyzon cyanotis</i>				✓
Brown falcon	<i>Falco berigora</i>	✓	✓		✓
Common myna ^A	<i>Acridotheres tristis</i>			✓	✓
Common starling ^A	<i>Sturnus vulgaris</i>	✓	✓	✓	✓
Crested pigeon	<i>Ocyphaps lophotes</i>	✓	✓	✓	✓
Crimson rosella ^A	<i>Platycercus elegans</i>	✓	✓	✓	✓
Diamond firetail	<i>Stagonopleura guttata</i>	✓			
Dusky woodswallow	<i>Artamus cyanopterus</i>	✓			✓
Eastern rosella ^A	<i>Platycercus eximius</i>	✓	✓	✓	✓
European goldfinch	<i>Carduelis carduelis</i>	✓			
Galah	<i>Eolophus roseicapilla</i>			✓	✓
Grey shrike-thrush	<i>Colluricincla harmonica</i>				✓
House sparrow ^A	<i>Passer domesticus</i>	✓	✓	✓	✓
Laughing kookaburra	<i>Dacelo novaeguineae</i>	✓			
Magpie lark	<i>Grallina cyanoleuca</i>	✓	✓	✓	✓
Nankeen kestrel	<i>Falco cenchroides</i>	✓		✓	
Olive-backed oriole ^A	<i>Oriolus sagittatus</i>	✓	✓		
Red-rumped parrot ^A	<i>Psephotus haematonotus</i>	✓	✓	✓	✓
Sacred kingfisher	<i>Todiramphus sanctus</i>				✓
Scarlet robin	<i>Petroica boodang</i>				
Silvereye ^A	<i>Zosterops lateralis</i>	✓	✓		

Sulfur-crested cockatoo ^A	<i>Cacatua galerita</i>	✓		✓	
Superb fairy wren	<i>Malurus cyaneus</i>	✓	✓	✓	✓
Turquoise parrot ^A	<i>Neophema pulchella</i>				✓
Welcome swallow	<i>Hirundo neoxena</i>	✓	✓		
White-eared honeyeater	<i>Lichenostomus leucotis</i>				✓
White-naped honeyeater	<i>Melithreptus lunatus</i>	✓			
Willie wagtail	<i>Rhipidura leucophrys</i>	✓	✓	✓	✓
Yellow-faced honeyeater	<i>Lichenostomus chrysops</i>	✓	✓		
Yellow-rumped thornbill	<i>Acanthiza chrysorrhoa</i>	✓	✓	✓	✓

^AFrugivorous (i.e. species recorded eating grapes) species.