

[10.1071/WR21170](https://doi.org/10.1071/WR21170)

*Wildlife Research*

### Supplementary Material

#### **Repeated experimental removals unveil sex and age-specific dispersal strategies in a social passerine bird**

*Farzaneh Etezadifar<sup>A</sup>, Jacob A. T. Vickers<sup>B</sup>, Kristine French<sup>B</sup>, Paul G. McDonald<sup>A</sup>, Ahmad Barati<sup>A</sup>, Rose L. Andrew<sup>C</sup>, and Richard E. Major<sup>B,D,\*</sup>*

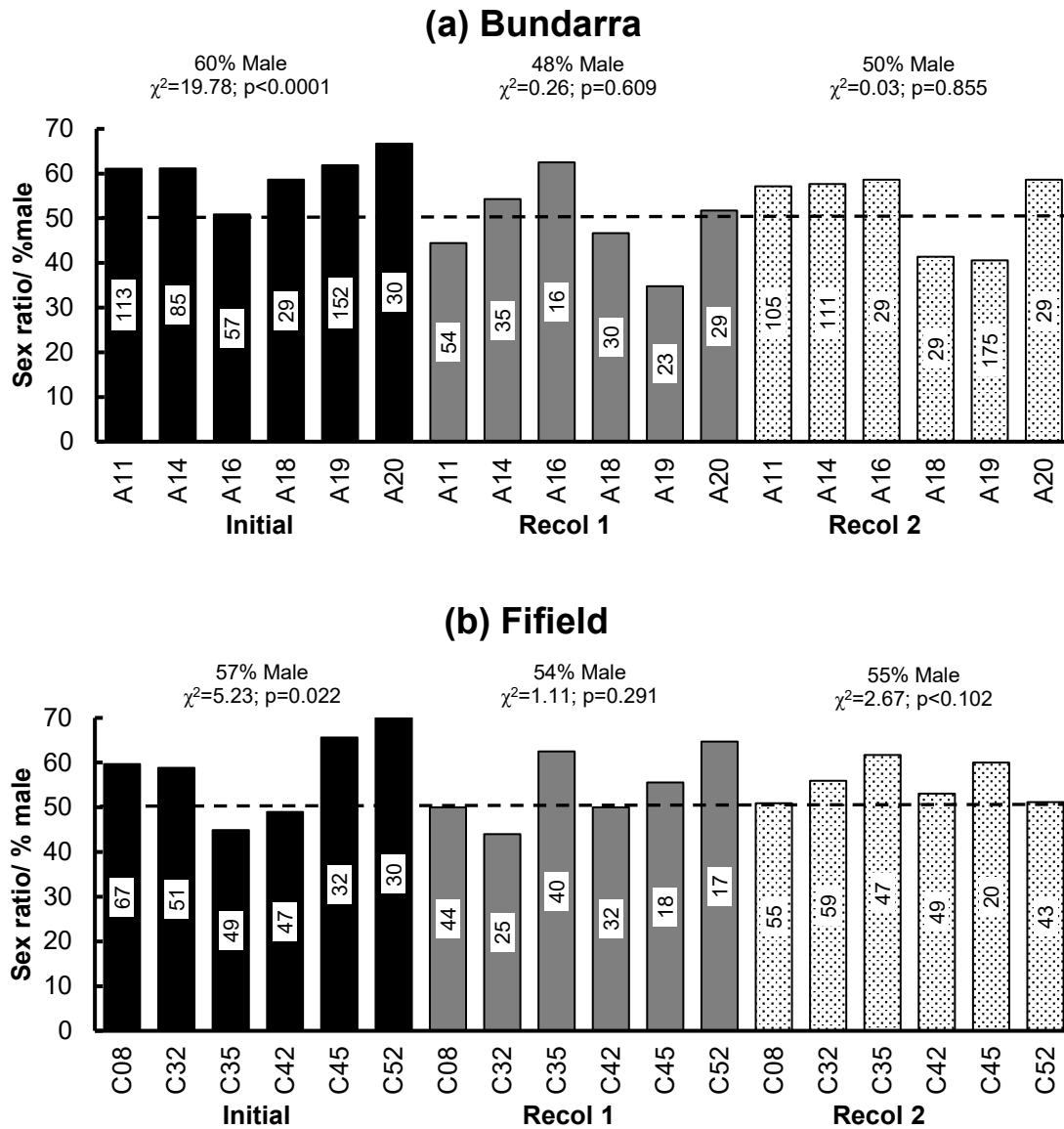
<sup>A</sup>Animal Behaviour and Ecology Laboratory, Zoology, University of New England, Armidale, NSW, Australia.

<sup>B</sup>School of Earth, Atmospheric and Life Sciences, University of Wollongong, Wollongong, NSW, Australia.

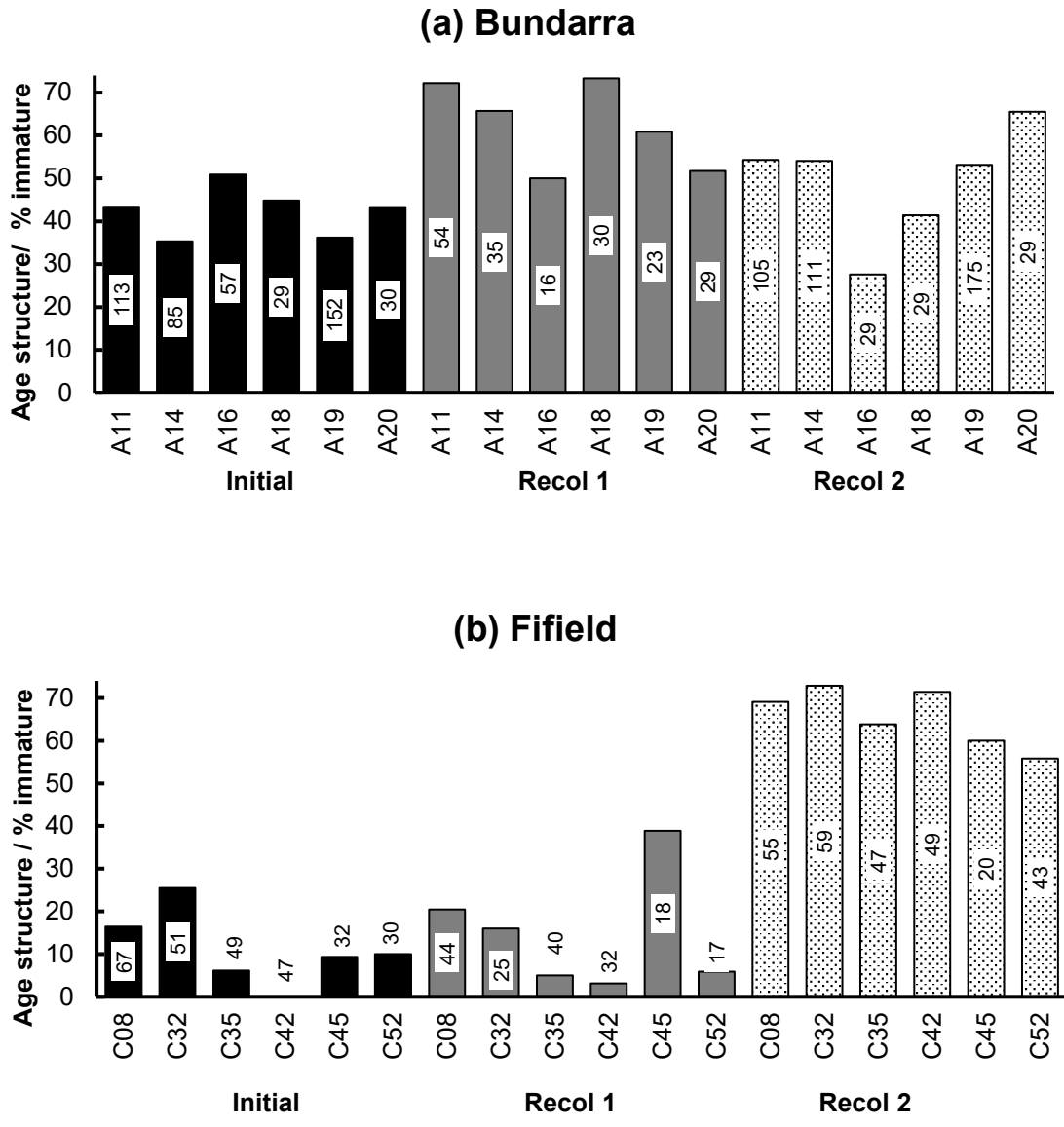
<sup>C</sup>School of Environmental and Rural Science, University of New England, Armidale, NSW, Australia.

<sup>D</sup>Australian Museum Research Institute, Australian Museum, Sydney, NSW, Australia.

\*Correspondence to: Richard E. Major Australian Museum Research Institute, Australian Museum, Sydney, NSW, Australia Email: [richard.major@austmus.gov.au](mailto:richard.major@austmus.gov.au)



**Fig. S1.** Sex ratios of noisy miners in individual sites at (a) Bundarra and (b) Fifield, at each recolonisation event. Dashed line indicates sex ratio parity. Numbers within the bars indicate sample size.



**Fig. S2.** Age structure of noisy miners in individual sites at (a) Bundarra and (b) Fifield, at each recolonisation events. Numbers within the bars indicate sample size.

**Table S1.** Statistical results of pairwise nominal logistic models (df=1).

<b>Dependent variable</b>	<b>Group 1</b>	<b>Group 2</b>	<b>Chi Sq</b>	<b>p</b>
Percentage juvenile	Bundarra Initial	Bundarra Recol 1	31.47	<b>&lt;0.0001</b>
	Bundarra Initial	Bundarra Recol 2	12.65	<b>0.0004</b>
	Bundarra Recol 1	Bundarra Recol 2	8.78	<b>0.0030</b>
Percentage juvenile	Fifield Initial	Fifield Recol 1	0.27	0.6013
	Fifield Initial	Fifield Recol 2	185.47	<b>&lt;0.0001</b>
	Fifield Recol 1	Fifield Recol 2	131.65	<b>&lt;0.0001</b>
Percentage male	Mature Bundarra Initial	Mature Bundarra Recol 1	0.79	0.3755
	Mature Bundarra Initial	Mature Bundarra Recol 2	15.11	<b>0.0001</b>
	Mature Bundarra Recol 1	Mature Bundarra Recol 2	2.62	0.1054
Percentage male	Mature Fifield Initial	Mature Fifield Recol 1	0.001	0.9688
	Mature Fifield Initial	Mature Fifield Recol 2	3.87	<b>0.0492</b>
	Mature Fifield Recol 1	Mature Fifield Recol 2	3.23	0.0723
Percentage male	Immat Bundarra Initial	Immat Bundarra Recol 1	2.97	0.0849
	Immat Bundarra Initial	Immat Bundarra Recol 2	0.0003	0.9863
	Immat Bundarra Recol 1	Immat Bundarra Recol 2	3.33	0.0680
Percentage male	Immat Fifield Initial	Immat Fifield Recol 1	2.99	0.0835
	Immat Fifield Initial	Immat Fifield Recol 2	1.69	0.1937
	Immat Fifield Recol 1	Immat Fifield Recol 2	1.01	0.3138