

**Supplementary Material**

**Girrimarring wiirrilgal bulany ngayanbading (bat nest-type fur sun-like): blending traditional knowledge and western science to create roosting habitat for the threatened golden-tipped bat *Phoniscus papuensis***

*Anna Lloyd<sup>A</sup>, Alicia Scanlon<sup>A</sup>, Lilly Clegg<sup>B</sup>, Ruth Link<sup>C</sup>, Lauren Jarrett<sup>C</sup>, Kristy Pursch<sup>D,\*</sup>, Alison Williams<sup>B</sup>, and Melissa Giese<sup>A</sup>*

<sup>A</sup>NSW Department of Climate Change, Energy, the Environment and Water, Locked Bag 914, Coffs Harbour, NSW, Australia. Email: [anna.lloyd@environment.nsw.gov.au](mailto:anna.lloyd@environment.nsw.gov.au), [alicia.scanlon@environment.nsw.gov.au](mailto:alicia.scanlon@environment.nsw.gov.au), [melissa.giese@environment.nsw.gov.au](mailto:melissa.giese@environment.nsw.gov.au)

<sup>B</sup>Yarrawarra Aboriginal Cultural Centre, Corindi, NSW, Australia. Email: [events@yarrawarra.com.au](mailto:events@yarrawarra.com.au)

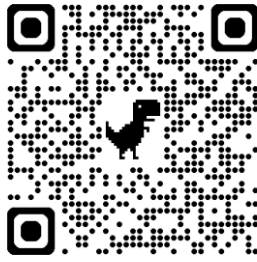
<sup>C</sup>Muurrbay Aboriginal Language & Culture Co-operative, Nambucca, NSW, Australia.

<sup>D</sup>Department of Planning, Housing and Infrastructure NSW, New South Wales Department of Planning and Environment, Parramatta, NSW, Australia.

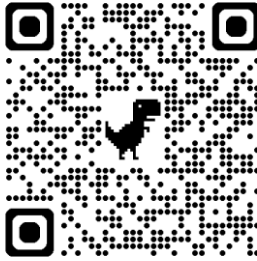
\*Correspondence to: Kristy Pursch Department of Planning, Housing and Infrastructure NSW, New South Wales Department of Planning and Environment, Parramatta, NSW, Australia Email: [kristy.pursch@dpie.nsw.gov.au](mailto:kristy.pursch@dpie.nsw.gov.au)



**Figure S1.** (a) The Girimarring wiirilgal bulany ngayan-bading exhibition at Wadjar Regional Gallery, held at the end of the first season of the program by our Yarrawarra project partners. (b) The exhibition featured woven roosts, sculptural installations of golden-tipped bats and orb weaving spiders, photos of project partners working on the project and scientific knowledge about golden-tipped bats. (c) Some of the exhibited woven roosts, such as the one pictured, were not deployed in the forest. (d) The Gallery opening was attended by the coordinating project partners (left to right: Ruth Link, Kristy Pursch, Anna Lloyd, Alicia Scanlon and Alison Williams). The exhibition banner (a) was produced by Lilly Clegg/YACC. Photographs: (b–d) Daniel Cain/DCCEEW.



**Video S1.** Footage of golden-tipped bats emerging from a woven nest at Sherwood Nature Reserve can be found on the following webpage: [https://www.youtube.com/watch?v=WK\\_vgUWBIgY](https://www.youtube.com/watch?v=WK_vgUWBIgY)



**Video S2.** A short story was developed to showcase the delivery of the project. See <https://www.youtube.com/watch?v=2zDzZmILkt4>