

SUPPLEMENTARY MATERIAL 6. Real estimates for occupancy (ψ) and detection probability (p) and 95% confidence intervals for each species during the summer season along the lower San Pedro River, Arizona, USA. Table includes only data from 2 April 2018 to 8 July 2018. Species are listed in alphabetical order.

| Species | ψ | 95% CI | p | 95% CI |
|-------------------|--------|-----------|------|-----------|
| American badger | 0.49 | 0.25–0.75 | 0.27 | 0.16–0.42 |
| Black bear | 1.00 | 0.99–1.00 | 0.06 | 0.03–0.12 |
| Bobcat | 0.87 | 0.56–0.97 | 0.36 | 0.27–0.46 |
| Coati | 0.61 | 0.23–0.89 | 0.17 | 0.08–0.33 |
| Coyote | 0.64 | 0.39–0.84 | 0.34 | 0.24–0.47 |
| Gray fox | 0.22 | 0.06–0.57 | 0.18 | 0.05–0.46 |
| Javelina | 0.68 | 0.39–0.88 | 0.28 | 0.18–0.41 |
| Mountain lion | 0.31 | 0.13–0.57 | 0.28 | 0.15–0.48 |
| Mule deer | 0.51 | 0.21–0.80 | 0.19 | 0.09–0.36 |
| Raccoon | 0.13 | 0.03–0.41 | 0.25 | 0.07–0.57 |
| Skunks | 0.56 | 0.30–0.80 | 0.27 | 0.16–0.41 |
| White-tailed deer | 0.17 | 0.03–0.60 | 0.14 | 0.02–0.53 |

