Ecological Monitoring System Australia

Datasheets: Vertebrate Fauna Module



Version 2

4 July 2025

Version control

Readers are advised that this datasheet will undergo revision as the EMSA Monitor app undergoes new refinement and updated versions become available. The names of the fields may vary slightly from the modules and the datasheet during this process.

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| **Datasheet version** | **Date** | **Version update overview** |
| 1.0 | 4 May 2024 | Release of the datasheet matching Monitor version 1.0.0 |
| 2 | 4 July 2025 | Release of the datasheet matching Monitor version 1.0.7 |

Instruction

This datasheet can be used if the Monitor app is not accessible at the time of a field survey. The datasheet has been designed to match the EMSA module manual and the Monitor app workflow. However, there are some minor differences, as capturing the quantity and complexity of the data in hard-copy form is difficult to replicate. At times some additional information or less information is collected on the datasheet. Examples of this are where the app would readily collect the location, date and time information of each input with minimal user input, but the datasheet version only collects the survey start and end location, date and time.

Surveyors must follow the EMSA module manual as though they are using Monitor, i.e. by following the Instructions and Procedures section of the relevant protocol, but instead of entering the data in Monitor, data is entered on the datasheet.

**Surveyors are reminded to check the module manual to ensure that the mandatory pre-survey and prerequisites have been completed prior to undertaking the module.** A key example is where the Plot Selection and Layout Module must be completed prior to undertaking all plot-based protocols.

This datasheet can either be printed and used in the field using a pencil or used digitally on a device.

**Regional Delivery Partners are responsible for manually entering datasheet-collected data into Monitor once the app is fully functional again. The Department of Climate Change, Energy, the Environment and Water require that digital scans of the datasheets be uploaded into MERIT.**

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| **Have you completed the Plot Selection and Layout Module?** – If no, please undertake this module first before proceeding |
| Survey details |
| Context\* |
| Project\* | Plot\* | Visit\* |
|  |  |  |
| **Set up trapping survey (start)** |
| Observer name\* | Start date(dd/mm/yyyy) & time (24 hr)\* | End date(dd/mm/yyyy) & time (24 hr)\* |
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| **Trap check survey (start)** |
| Trap checked by (name)\* | Start date(dd/mm/yyyy) & time (24 hr)\* | End date(dd/mm/yyyy) & time (24 hr)\* | Trap check interval\* |
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| Comments |
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| Start/end trap line |
| Line name\*: **Drift Fence B** | Drift fence type\*: |  | Start of fence location\*:(waypoint, lat/long) | End of fence location\*:(waypoint, lat/long) |
| Trap station number\* | Trap type\* | Trap setup date (dd/mm/yyyy) & time (24 hr)\* | Trap Barcode | Location(waypoint, lat/long) | Number of traps per station\* | Trap depth (cm) | Trap width (cm) | Trap specifics | Trap set status |
| **P1** | Pit Fall |  |  |  |  |  |  |  |  |
| **P2** | Pit Fall |  |  |  |  |  |  |  |  |
| **P3** | Pit Fall |  |  |  |  |  |  |  |  |
| **P4** | Pit Fall |  |  |  |  |  |  |  |  |
| **P5** | Pit Fall |  |  |  |  |  |  |  |  |
| **P6** | Pit Fall |  |  |  |  |  |  |  |  |
| **F1** | Funnel |  |  |  |  |  |  |  |  |
| **F2** | Funnel |  |  |  |  |  |  |  |  |
| **F3** | Funnel |  |  |  |  |  |  |  |  |
| **F4** | Funnel |  |  |  |  |  |  |  |  |

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| VERTEBRATE SURVEY SETUP – DROPDOWN FIELD OPTIONS |
| Drift fence type |  | # traps per station |  | Trap type / specifics |  | Trap closed status |
| Fiberglass/shade cloth |  | 1 |  | ***Pitfall*** | ***Box trap*** | ***Funnel trap*** |  | Trap closed - permanently |
| Plastic sheet |  | 2 |  | *PVC pipe* | Foldable aluminium or galvanised steel | *Funnel - shade cloth* |  | Trap closed temporarily |
| Rigid plastic |  |  |  | *Plastic bucket* |  | *Funnel – shade cloth with hessian/other bag* |  | Trap closed – wired shut |
| Other (please specify) |  |  |  | *Temporary plastic sheet* |  | *Funnel – other (please specify)* |  | Trap closed and removed |
|  |  |  |  | *Other (please specify)* |  |  |  | Pitfall-filled in |
|  |  |  |  |  |  |  |  | Pitfall-lid secured |

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| Line name\*: **Drift Fence E** | Drift fence type\*: | Start of fence location\*:(waypoint, lat/long) | End of fence location\*:(waypoint, lat/long) |
| Trap station number\* | Trap type\* | Trap setup date (dd/mm/yyyy) & time (24 hr)\* | Trap Barcode | Location(waypoint, lat/long) | Number of traps per station\* | Trap depth (cm) | Trap width (cm) | Trap specifics | Trap set status |
| **P1** | Pit Fall |  |  |  |  |  |  |  |  |
| **P2** | Pit Fall |  |  |  |  |  |  |  |  |
| **P3** | Pit Fall |  |  |  |  |  |  |  |  |
| **P4** | Pit Fall |  |  |  |  |  |  |  |  |
| **P5** | Pit Fall |  |  |  |  |  |  |  |  |
| **P6** | Pit Fall |  |  |  |  |  |  |  |  |
| **F1** | Funnel |  |  |  |  |  |  |  |  |
| **F2** | Funnel |  |  |  |  |  |  |  |  |
| **F3** | Funnel |  |  |  |  |  |  |  |  |
| **F4** | Funnel |  |  |  |  |  |  |  |  |

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| VERTEBRATE SURVEY SETUP – DROPDOWN FIELD OPTIONS |
| Drift fence type |  | # traps per station |  | Trap type / specifics |  | Trap closed status |
| Fiberglass/shade cloth |  | 1 |  | ***Pitfall*** | ***Box trap*** | ***Funnel trap*** |  | Trap closed - permanently |
| Plastic sheet |  | 2 |  | *PVC pipe* | Foldable aluminium or galvanised steel | *Funnel - shade cloth* |  | Trap closed temporarily |
| Rigid plastic |  |  |  | *Plastic bucket* |  | *Funnel – shade cloth with hessian/other bag* |  | Trap closed – wired shut |
| Other (please specify) |  |  |  | *Temporary plastic sheet* |  | *Funnel – other (please specify)* |  | Trap closed and removed |
|  |  |  |  | *Other (please specify)* |  |  |  | Pitfall-filled in |
|  |  |  |  |  |  |  |  | Pitfall-lid secured |

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| Line name\*: **Trap Line A** | Drift fence height\*: | Start of fence location\*:(waypoint, lat/long) | End of fence location\*:(waypoint, lat/long) |
| Trap station number\* | Trap type\* | Trap setup date (dd/mm/yyyy) & time (24 hr)\* | Barcode\* | Number of traps per station\* | Trap height (cm) | Trap width (cm) | Trap length (cm) | Trap specifics\* | Photo ID | Trap set status\* |
| C1 | Cage |  |  |  |  |  |  |  |  |  |
| C2 | Cage |  |  |  |  |  |  |  |  |  |
| B1 | Box |  |  |  |  |  |  |  |  |  |
| B2 | Box |  |  |  |  |  |  |  |  |  |
| B3 | Box |  |  |  |  |  |  |  |  |  |
| B4 | Box |  |  |  |  |  |  |  |  |  |
| B5 | Box |  |  |  |  |  |  |  |  |  |
| B6 | Box |  |  |  |  |  |  |  |  |  |
| B7 | Box |  |  |  |  |  |  |  |  |  |
| B8 | Box |  |  |  |  |  |  |  |  |  |
| B9 | Box |  |  |  |  |  |  |  |  |  |
| B10 | Box |  |  |  |  |  |  |  |  |  |

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| VERTEBRATE SURVEY SETUP – DROPDOWN FIELD OPTIONS |
| Drift fence type |  | # traps per station |  | Trap type / specifics |  | Trap closed status |
| Fiberglass/shade cloth |  | 1 |  | ***Pitfall*** | ***Box trap*** | ***Funnel trap*** |  | Trap closed - permanently |
| Plastic sheet |  | 2 |  | *PVC pipe* | Foldable aluminium or galvanised steel | *Funnel - shade cloth* |  | Trap closed temporarily |
| Rigid plastic |  |  |  | *Plastic bucket* |  | *Funnel – shade cloth with hessian/other bag* |  | Trap closed – wired shut |
| Other (please specify) |  |  |  | *Temporary plastic sheet* |  | *Funnel – other (please specify)* |  | Trap closed and removed |
|  |  |  |  | *Other (please specify)* |  |  |  | Pitfall-filled in |
|  |  |  |  |  |  |  |  | Pitfall-lid secured |

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| Line name\*: **Trap Line C** | Drift fence height\*: | Start of fence location\*:(waypoint, lat/long) | End of fence location\*:(waypoint, lat/long) |
| Trap station number\* | Trap type\* | Trap setup date (dd/mm/yyyy) & time (24 hr)\* | Barcode\* | Number of traps per station\* | Trap height (cm) | Trap width (cm) | Trap length (cm) | Trap specifics\* | Photo ID | Trap set status\* |
| C1 | Cage |  |  |  |  |  |  |  |  |  |
| C2 | Cage |  |  |  |  |  |  |  |  |  |
| B1 | Box |  |  |  |  |  |  |  |  |  |
| B2 | Box |  |  |  |  |  |  |  |  |  |
| B3 | Box |  |  |  |  |  |  |  |  |  |
| B4 | Box |  |  |  |  |  |  |  |  |  |
| B5 | Box |  |  |  |  |  |  |  |  |  |
| B6 | Box |  |  |  |  |  |  |  |  |  |
| B7 | Box |  |  |  |  |  |  |  |  |  |
| B8 | Box |  |  |  |  |  |  |  |  |  |
| B9 | Box |  |  |  |  |  |  |  |  |  |
| B10 | Box |  |  |  |  |  |  |  |  |  |

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| VERTEBRATE SURVEY SETUP – DROPDOWN FIELD OPTIONS |
| Drift fence type |  | # traps per station |  | Trap type / specifics |  | Trap closed status |
| Fiberglass/shade cloth |  | 1 |  | ***Pitfall*** | ***Box trap*** | ***Funnel trap*** |  | Trap closed - permanently |
| Plastic sheet |  | 2 |  | *PVC pipe* | Foldable aluminium or galvanised steel | *Funnel - shade cloth* |  | Trap closed temporarily |
| Rigid plastic |  |  |  | *Plastic bucket* |  | *Funnel – shade cloth with hessian/other bag* |  | Trap closed – wired shut |
| Other (please specify) |  |  |  | *Temporary plastic sheet* |  | *Funnel – other (please specify)* |  | Trap closed and removed |
|  |  |  |  | *Other (please specify)* |  |  |  | Pitfall-filled in |
|  |  |  |  |  |  |  |  | Pitfall-lid secured |

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| Line name\*: **Trap Line D** | Drift fence height\*: | Start of fence location\*:(waypoint, lat/long) | End of fence location\*:(waypoint, lat/long) |
| Trap station number\* | Trap type\* | Trap setup date (dd/mm/yyyy) & time (24 hr)\* | Barcode\* | Number of traps per station\* | Trap height (cm) | Trap width (cm) | Trap length (cm) | Trap specifics\* | Photo ID | Trap set status\* |
| C1 | Cage |  |  |  |  |  |  |  |  |  |
| C2 | Cage |  |  |  |  |  |  |  |  |  |
| B1 | Box |  |  |  |  |  |  |  |  |  |
| B2 | Box |  |  |  |  |  |  |  |  |  |
| B3 | Box |  |  |  |  |  |  |  |  |  |
| B4 | Box |  |  |  |  |  |  |  |  |  |
| B5 | Box |  |  |  |  |  |  |  |  |  |
| B6 | Box |  |  |  |  |  |  |  |  |  |
| B7 | Box |  |  |  |  |  |  |  |  |  |
| B8 | Box |  |  |  |  |  |  |  |  |  |
| B9 | Box |  |  |  |  |  |  |  |  |  |
| B10 | Box |  |  |  |  |  |  |  |  |  |

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| VERTEBRATE SURVEY SETUP – DROPDOWN FIELD OPTIONS |
| Drift fence type |  | # traps per station |  | Trap type / specifics |  | Trap closed status |
| Fiberglass/shade cloth |  | 1 |  | ***Pitfall*** | ***Box trap*** | ***Funnel trap*** |  | Trap closed - permanently |
| Plastic sheet |  | 2 |  | *PVC pipe* | Foldable aluminium or galvanised steel | *Funnel - shade cloth* |  | Trap closed temporarily |
| Rigid plastic |  |  |  | *Plastic bucket* |  | *Funnel – shade cloth with hessian/other bag* |  | Trap closed – wired shut |
| Other (please specify) |  |  |  | *Temporary plastic sheet* |  | *Funnel – other (please specify)* |  | Trap closed and removed |
|  |  |  |  | *Other (please specify)* |  |  |  | Pitfall-filled in |
|  |  |  |  |  |  |  |  | Pitfall-lid secured |

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| Line name\*: **Trap Line F** | Drift fence height\*: | Start of fence location\*:(waypoint, lat/long) | End of fence location\*:(waypoint, lat/long) |
| Trap station number\* | Trap type\* | Trap setup date (dd/mm/yyyy) & time (24 hr)\* | Barcode\* | Number of traps per station\* | Trap height (cm) | Trap width (cm) | Trap length (cm) | Trap specifics\* | Photo ID | Trap set status\* |
| C1 | Cage |  |  |  |  |  |  |  |  |  |
| C2 | Cage |  |  |  |  |  |  |  |  |  |
| B1 | Box |  |  |  |  |  |  |  |  |  |
| B2 | Box |  |  |  |  |  |  |  |  |  |
| B3 | Box |  |  |  |  |  |  |  |  |  |
| B4 | Box |  |  |  |  |  |  |  |  |  |
| B5 | Box |  |  |  |  |  |  |  |  |  |
| B6 | Box |  |  |  |  |  |  |  |  |  |
| B7 | Box |  |  |  |  |  |  |  |  |  |
| B8 | Box |  |  |  |  |  |  |  |  |  |
| B9 | Box |  |  |  |  |  |  |  |  |  |
| B10 | Box |  |  |  |  |  |  |  |  |  |

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| VERTEBRATE SURVEY SETUP – DROPDOWN FIELD OPTIONS |
| Drift fence type |  | # traps per station |  | Trap type / specifics |  | Trap closed status |
| Fiberglass/shade cloth |  | 1 |  | ***Pitfall*** | ***Box trap*** | ***Funnel trap*** |  | Trap closed - permanently |
| Plastic sheet |  | 2 |  | *PVC pipe* | Foldable aluminium or galvanised steel | *Funnel - shade cloth* |  | Trap closed temporarily |
| Rigid plastic |  |  |  | *Plastic bucket* |  | *Funnel – shade cloth with hessian/other bag* |  | Trap closed – wired shut |
| Other (please specify) |  |  |  | *Temporary plastic sheet* |  | *Funnel – other (please specify)* |  | Trap closed and removed |
|  |  |  |  | *Other (please specify)* |  |  |  | Pitfall-filled in |
|  |  |  |  |  |  |  |  | Pitfall-lid secured |

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| **Have you completed the Plot Selection and Layout Module?** – If no, please undertake this module first before proceeding |
| Survey details |
| Context\* |
| Project\* | Plot\* | Visit\* |
|  |  |  |
| **Trap check survey (start)** |
| Trap checked by\* | Trap check interval\* | Start date(dd/mm/yyyy) & time (24 hr)\* | End date(dd/mm/yyyy) & time (24 hr)\* |
|  |  |  |  |
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| Comments |
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| **Check traps** |
| Related survey setup time |
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| **Check traps** |
| Trap check |  | Trap check |
| Trap Line | Trap ID | Trap check status\* | Setup status\* | Photo ID | Trap Line | Trap ID | Trap check status\* | Setup status\* | Photo ID |
| Drift Fence B | **P1** |  |  |  | Trap Line C | **C1** |  |  |  |
| Drift Fence B | **P2** |  |  |  | Trap Line C | **C2** |  |  |  |
| Drift Fence B | **P3** |  |  |  | Trap Line C | **B1** |  |  |  |
| Drift Fence B | **P4** |  |  |  | Trap Line C | **B2** |  |  |  |
| Drift Fence B | **P5** |  |  |  | Trap Line C | **B3** |  |  |  |
| Drift Fence B | **P6** |  |  |  | Trap Line C | **B4** |  |  |  |
| Drift Fence B | **F1** |  |  |  | Trap Line C | **B5** |  |  |  |
| Drift Fence B | **F2** |  |  |  | Trap Line C | **B6** |  |  |  |
| Drift Fence B | **F3** |  |  |  | Trap Line C | **B7** |  |  |  |
| Drift Fence B | **F4** |  |  |  | Trap Line C | **B8** |  |  |  |
|  |  |  |  |  | Trap Line C | **B9** |  |  |  |
| Drift Fence E | **P1** |  |  |  | Trap Line C | **B10** |  |  |  |
| Drift Fence E | **P2** |  |  |  |  |  |  |  |  |
| Drift Fence E | **P3** |  |  |  | Trap Line D | **C1** |  |  |  |
| Drift Fence E | **P4** |  |  |  | Trap Line D | **C2** |  |  |  |
| Drift Fence E | **P5** |  |  |  | Trap Line D | **B1** |  |  |  |
| Drift Fence E | **P6** |  |  |  | Trap Line D | **B2** |  |  |  |
| Drift Fence E | **F1** |  |  |  | Trap Line D | **B3** |  |  |  |
| Drift Fence E | **F2** |  |  |  | Trap Line D | **B4** |  |  |  |
| Drift Fence E | **F3** |  |  |  | Trap Line D | **B5** |  |  |  |
| Drift Fence E | **F4** |  |  |  |  | Trap Line D | **B6** |  |  |  |
|  |  |  |  |  |  | Trap Line D | **B7** |  |  |  |
| Trap Line A | **C1** |  |  |  |  | Trap Line D | **B8** |  |  |  |
| Trap Line A | **C2** |  |  |  |  | Trap Line D | **B9** |  |  |  |
| Trap Line A | **B1** |  |  |  |  | Trap Line D | **B10** |  |  |  |
| Trap Line A | **B2** |  |  |  |  |  |  |  |  |  |
| Trap Line A | **B3** |  |  |  |  | Trap Line F | **C1** |  |  |  |
| Trap Line A | **B4** |  |  |  |  | Trap Line F | **C2** |  |  |  |
| Trap Line A | **B5** |  |  |  |  | Trap Line F | **B1** |  |  |  |
| Trap Line A | **B6** |  |  |  |  | Trap Line F | **B2** |  |  |  |
| Trap Line A | **B7** |  |  |  |  | Trap Line F | **B3** |  |  |  |
| Trap Line A | **B8** |  |  |  |  | Trap Line F | **B4** |  |  |  |
| Trap Line A | **B9** |  |  |  |  | Trap Line F | **B5** |  |  |  |
| Trap Line A | **B10** |  |  |  |  | Trap Line F | **B6** |  |  |  |
|  |  |  |  |  |  | Trap Line F | **B7** |  |  |  |
|  |  |  |  |  |  | Trap Line F | **B8** |  |  |  |
|  |  |  |  |  |  | Trap Line F | **B9** |  |  |  |
|  |  |  |  |  |  | Trap Line F | **B10** |  |  |  |

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| **Check traps – if capture** |
| Trap ID\* | Observation no.\* | Taxa class\* | Species name\* | ID made by (initial)\* | Processed by (initial)\* | Capture status\* | ID mark type | ID number | Total weight (g)\* | Bag weight (g)\* | Animal weight (g)\* | Sex | Age class\* | Head length (cm) | Hind-foot length (cm) | Forearm length (cm) | Ear width (cm) | Ear length (cm) | Body length (cm) | Tail length (cm) | Tibia length (cm) | Photo ID | Fate |
| Mammal only measurements |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | Reproductive condition | Body condition | Clinical scoring |
| Obs. no. | Teat condition | Breeding status | Young present | # of young | Pouch head to body length estimate (mm) | Testes position | Testes size category | Breeding status | Male frog breeding status | Body condition score(mammal only) | Skin condition | Body condition comment | Chemosis of eyes | Proliferation of eyes | RUP | Swab taken☐Swab code |
| Mammal only fields | Mammal only fields |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **TRAP CHECK SURVEY – DROPDOWN FIELD OPTIONS** |
| **Trap check interval** | **Taxa class** | **Trap check status** | **Animal fate** | **Capture status** | **ID mark type** | **Sex** | **Age class** |
| Mor | Morning | M | Mammal | C | Capture | R | Released at point of capture | N | New capture | T | Temporary  | M | Male | J | Juvenile |
| A | Afternoon | R | Reptile | E | Empty | WO | Withheld for observation | RC | Re-capture | P | Permanent | F | Female | SA | Sub-adult |
| Mid | Midday | F | Frog | FT | False trigger | WV | Withheld for museum vouchering |  |  |  |  | UN | Unknown | A | Adult |
| O | Other (specify) | O | Other (specify) | NF | Not functioning  | D | Died |  |  |  |  |  |  | UN | Unknown |
|  |  |  |  | O | Other (specify) |  |  |  |  |  |  |  |  |  |  |

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| **Have you completed the Plot Selection and Layout Module?** – If no, and it is required, please undertake this module first before proceeding |
| Survey details |
| Context |
| Project\* | Plot\* | Visit\* |
|  |  |  |
| Bird Survey |
| Observer name\* | Observer role | Start date(dd/mm/yyyy) & time (24 hr)\* | End date(dd/mm/yyyy) & time (24 hr)\* |
|  |  |  |  |
|  |  |  |  |
| Survey type | Playback used | Species played |
|  2 ha, 20 minute  500 m area |  Yes No  |  |
|  |  |  |  |
| Comments |
|  |
| Weather |
| Rainfall\* | Rainfall duration | Wind |
|  |  |  |
|  |  |  |
| Cloud cover | Temperature (˚C)\* | Moon phase |
|  |  |  |

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| **Bird SURVEY – DROPDOWN FIELD OPTIONS** |
| Observer role | Rainfall | Rain duration | **Cloud cover** | **Wind** | **Moon phase** |
| SN | Spotter – naked eye | SH | Showers | I | Intermittent | S | Sunny | C | Calm | NM | New moon |
| SB | Spotter-binoculars | R | Rain | O | Occasional | MS | Mostly Sunny | LW | Light winds | FQ | First quarter |
| DE | Data entry | D | Drizzle | F | Frequent | PC | Partly Cloudy | MW | Moderate winds | FM | Full moon |
| DO | Data entry only | FR | Frost | C | Continuous | C | Cloudy | FW | Fresh winds | TQ | Third quarter |
|  |  | FO | Fog | P | Periods of rain | O | Overcast | SW | Strong winds |  |  |
|  |  | M | Mist | B | Brief |  |  | NG | Near gale |  |  |
|  |  | TH | Thunderstorms |  |  |  |  | G | Gale |  |  |
|  |  | NO | None observed |  |  |  |  | SG | Strong gale |  |  |
|  |  |  |  |  |  |  |  | S | Storm |  |  |
|  |  |  |  |  |  |  |  | VS | Violent storm |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Location\*(waypoint, lat/long) | Species\* | Count\* | Observation type\*(seen or heard) | Activity type | Sex | location | Breeding activity | Age class | Photo no. | Comments(e.g. type of diagnostic or suggestive nesting behaviour) |
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| BIRD SURVEY – DROPDOWN FIELD OPTIONS |
| Observation type | Activity type | Sex | Breeding activity |
| S | Seen | C | Calling only | M | Male | N | None |
| H | Heard | F | Flying overhead | F | Female | NE | Nest with eggs |
| SH | Seen and heard | FC | Flying overhead circling | U | Unknown | NY | Nest with young |
|  | FS | Flying within at strata level |  | AN | Adult(s) on nest |
| Location | RT | Resting on tree | Age class | YON | Young out of nest |
| W | Within survey plot | RS | Resting on shrub | J | Juvenile | RFY | Recently fledged young |
| O-SH | Outside survey plot - same habitat | RG | Resting on ground | SA | Sub-adult | DB | Diagnostic behaviour |
| O-DH | Outside survey plot – different habitat | FT | Foraging on a tree | A | Adult | SB | Suggestive behaviour  |
|  |  | FS | Foraging on shrub | UN | Unknown | NC | Nesting colony |
|  |  | FG | Foraging on ground |  |  |  |  |

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| **Have you completed the Plot Selection and Layout Module?** – If no, please undertake this module first before proceeding |
| Survey details |
| Context |
| Project\* | Plot\* | Visit\* |
|  |  |  |
| Survey set up |
| Observer name\* | Observer role | Start date(dd/mm/yyyy) & time (24 hr)\* | End date (dd/mm/yyyy) & time (24 hr)\* |
|  |  |  |  |
|  |  |  |  |
| Survey intent | Tracking surface | Search type\*(active or passive) | Call playback used☑ |
|  |  |  |  |
| Weather |
| Rainfall | Duration of rain | Wind\* |
|  |  |  |
|  |  |  |
| Cloud cover\* | Temperature (˚C) | Moon phase |
|  |  |  |
| Start search |
| Plot type\*(Fauna Plot or Biodiversity Plot) | Start Location\*(waypoint, lat/long) | End Location\*(waypoint, lat/long) | Start Location Photo ID\* |
|  |  |  |  |

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| **ACTIVE AND PASSAGE SEARCH – DROPDOWN FIELD OPTIONS** |
| Observer role | Rainfall | Rain duration | **Cloud cover** | **Wind** | **Moon phase** |
| SN | Spotter – naked eye | SH | Showers | I | Intermittent | S | Sunny | C | Calm | NM | New moon |
| SB | Spotter-binoculars | R | Rain | O | Occasional | MS | Mostly Sunny | LW | Light winds | FQ | First quarter |
| DE | Data entry | D | Drizzle | F | Frequent | PC | Partly Cloudy | MW | Moderate winds | FM | Full moon |
| DO | Data entry only | FR | Frost | C | Continuous | C | Cloudy | FW | Fresh winds | TQ | Third quarter |
|  |  | FO | Fog | P | Periods of rain | O | Overcast | SW | Strong winds |  |  |
|  |  | M | Mist | B | Brief |  |  | NG | Near gale |  |  |
|  |  | TH | Thunderstorms |  |  |  |  | G | Gale |  |  |
|  |  | NO | None observed |  |  |  |  | SG | Strong gale |  |  |
|  |  |  |  |  |  |  |  | S | Storm |  |  |
|  |  |  |  |  |  |  |  | VS | Violent storm |  |  |

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| --- | --- | --- |
| **Signs observed** |  |  |
| If warrens, burrows or dens observed |
| Sign type | Attributable fauna species\* | Sign age | Age class | Photo ID | # of active entrances | # of passive entrances | Comments |
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| **Animal observed** |  |  |
| If hand caught |
| Species | Age class | Reproductive status | Head length (cm) | Body length (cm) | Tail length (cm) | Hind-foot length (cm) | Forearm length (cm) | Tibia length (cm) | Ear width (cm) | Ear length (cm) | Animal fate | Comments |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| SIGNS – DROPDOWN FIELD OPTIONS |
| Sign type | Sign age | Age class |
| Scat | Fresh  | (1-2 days) | J | Juvenile |
| Track | Old  | (3-7 days) | SA | Sub-adult |
| Burrow | Very old  | (7+ days) | A | Adult |
| Warren |  |  | UN | Unknown |

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| ANIMAL OBSERVATION – DROPDOWN FIELD OPTIONS |
| Animal fate | Sex | Age class | Reproductive Status |
| R | Released at point of capture | M | Male | J | Juvenile | BR | Breeding |
| WO | Withheld for observation | F | Female | SA | Sub-adult | TL | Teats - Lactating |
| WV | Withheld for museum vouchering | UN | Unknown | A | Adult | TD | Teats - Distended |
| D | Died |  |  | UN | Unknown | TB | Teats - Button |
|  |  |  |  |  |  | TS | Teats - Scrotal (placentals only) |
|  |  |  |  |  |  | TA | Teats - Abdominal (placentals only) |
|  |  |  |  |  |  | NE | Nesting |
|  |  |  |  |  |  | NB | Not breeding |
|  |  |  |  |  |  | PR | Pregnant |
|  |  |  |  |  |  | BR | Breeding |
|  |  |  |  |  |  | NPR | Not Pregnant |
|  |  |  |  |  |  | PM | Pouch not developed (marsupials only) |
|  |  |  |  |  |  | PNM | Pouch not developed, no young present (marsupials only) |
|  |  |  |  |  |  | DE | Dependent young |
|  |  |  |  |  |  | DYP | Dependent young in pouch (marsupials only) |
|  |  |  |  |  |  | DY | Dependent young (in nest) |
|  |  |  |  |  |  | GR | Gravid (carrying eggs or young) |
|  |  |  |  |  |  | NG | Not gravid |
|  |  |  |  |  |  | BM | In amplexus |