BHP Mitsubishi Alliance

Appendix H

Species Observation Data

Instructions

1. Save this spreadsheet somewhere on your computer/network.

2. Enable Editing if required.

3. Fill in the Data Template.
 - All fields in red text are mandatory.

4. Fill in the Metadata Template.
 - All red cells are mandatory - typing within a red cell then clicking the Enter key reverts the fill colour to 'No Fill'.
 - The binary Yes / No is set to 'false' as default

Revison history
v2 23/3/2021 published as an xlsx file
macros removed - columns S-U contain drop drop list functions that replace them - do not delete
additonal fields added to cater for :
- survey start and end dates
- referral id and SPRAT id if known
- basis of record

NOTE: Fields in red are Mandatory Fields - all others are desirable but not mandatory.

FIELD	Referral_ID	X	Y	SOURCE_DATUM	PRECISION	YEAR START	MONTH START	DAY START	YEAR END	MONTH END	DAY END	LOCALITY	ORDER	FAMILY	SPRAT_ID	SCIENTIFIC_NAME	COMMON NAME	SOURCE INSTITUTION
DESCRIPTION	EPBC referral number assigned to a case (if known)	Longitude (Decimal degrees)	Latitude (decimal degrees)	Map datum used for the latitude and longitude	Spatial precision in metres - it is an indication of how accurate the record is - e.g. GPS is normally 50m, a map reference is 1000m and a gazetteer record is 5000m)	Year of record or survey start in numeric form (yyyy)	Month of record or survey start in numeric form (mm) eg 3 = March, 12 = December etc	Day of record or survey start in numeric form (dd) i.e 1-31	Year of survey end in numeric form (yyyy). Same as start year if single event.	Month of survey end in numeric form (mm) eg 3 = March, 12 = December etc. Same as start month if single event.	Day of survey end numeric form (dd) i.e. 1-31. Same as start day if single event.	Location where taxon was recorded	Taxon order name (where available)	Taxon family name (where available)	SPRAT TAXON_ID that matches the name (if known)	Scientific name (Genus species subspecies/variety where available)	Common name for the species	Enter the name of the institution or company i(n full where possible) which collected the data e.g. Australian Museum, BHP etc
DATA FORMAT	Text (15)	Double (11,8) i.e. 8 decimal places	Double(11,8)	Text	Integer	Integer (4)	Integer (2)	Integer (2)	Integer (4)	Integer (2)	Integer (2)	Text (500)	Text	Text	Integer (10)	Text	Text	Text
	2024/09983	148.2629	-22.30271469	GDA2020	50	2022	9	11	2022	9	11	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.2607643	-22.30150458	GDA2020	50	2022	9	11	2022	9	11	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.254501	-22.30146001	GDA2020	50	2022	11	24	2022	11	24	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.2524163	-22.29697967	GDA2020	50	2022	9	12	2022	9	12	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.2525887	-22.30028101	GDA2020	50	2022	9	12	2022	9	12	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.257961	-22.30153617	GDA2020	50	2022	9	12	2022	9	12	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.2343908	-22.24690935	GDA2020	50	2021	11	5	2021	11	5	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.2491626	-22.23689669	GDA2020	50	2022	4	18	2022	4	18	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.0922068	-22.14361006	GDA2020	50	2019	8	7	2019	8	7	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.094927	-22.14125775	GDA2020	50	2019	8	7	2019	8	7	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.096808	-22.14044809	GDA2020	50	2019	8	7	2019	8	7	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.0937837	-22.14164871	GDA2020	50	2019	8	7	2019	8	7	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.1400276	-22.16363633	GDA2020	50	2019	8	10	2019	8	10	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.1471072	-22.16362451	GDA2020	50	2019	8	8	2019	8	8	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.1474579	-22.16331304	GDA2020	50	2019	8	10	2019	8	10	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.1476766	-22.16388729	GDA2020	50	2019	8	10	2019	8	10	PDM				Petauroides volans volans	Greater glider	Ausecology
	2024/09983	148.2623179	-22.30292885	GDA2020	50	2022	9	11	2022	9	11	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2556901	-22.27036246	GDA2020	50	2022	11	24	2022	11	24	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2602912	-22.30152734	GDA2020	50	2022	11	24	2022	11	24	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2842954	-22.24653458	GDA2020	50	2021	12	14	2021	12	14	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.234024	-22.25378201	GDA2020	50	2022	11	24	2022	11	24	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2317079	-22.24565542	GDA2020	50	2021	11	5	2021	11	5	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2362336	-22.24584562	GDA2020	50	2021	11	6	2021	11	6	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2371228	-22.24562979	GDA2020	50	2021	11	6	2021	11	6	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2436571	-22.24187273	GDA2020	50	2021	11	7	2021	11	7	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2482305	-22.23811648	GDA2020	50	2021	11	8	2021	11	8	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2344262	-22.25167334	GDA2020	50	2022	4	5	2022	4	5	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2274389	-22.24879382	GDA2020	50	2022	4	5	2022	4	5	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.147727	-22.16316932	GDA2020	50	2019	8	6	2019	8	6	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.0967182	-22.13991496	GDA2020	50	2019	8	8	2019	8	8	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.1111362	-22.15887698	GDA2020	50	2019	8	7	2019	8	7	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.1128836	-22.15626918	GDA2020	50	2019	8	7	2019	8	7	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.1137039	-22.15637467	GDA2020	50	2019	8	7	2019	8	7	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.1152876	-22.15582005	GDA2020	50	2019	8	7	2019	8	7	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.1153882	-22.15566119	GDA2020	50	2019	8	7	2019	8	7	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.1409248	-22.16071813	GDA2020	50	2019	8	9	2019	8	9	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.1408785	-22.16079918	GDA2020	50	2019	8	9	2019	8	9	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.1426116	-22.16321846	GDA2020	50	2019	8	10	2019	8	10	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.1472792	-22.16311239	GDA2020	50	2019	8	6	2019	8	6	PDM				Phascolarctos cinereus	Koala	Ausecology
	2024/09983	148.2366904	-22.2489889	GDA2020	50	2022	12	14	2022	12	14	PDM				Denisonia maculata	Ornamental Snake	Ausecology
	2024/09983	148.2605875	-22.28569578	GDA2020	50	2022	9	11	2022	9	11	PDM				Denisonia maculata	Ornamental Snake	Ausecology
	2024/09983	148.2575576	-22.28097458	GDA2020	50	2023	3	23	2023	3	23	PDM				Denisonia maculata	Ornamental Snake	Ausecology
	2024/09983	148.2620063	-22.28671741	GDA2020	50	2023	3	23	2023	3	23	PDM				Denisonia maculata	Ornamental Snake	Ausecology
	2024/09983	148.2321191	-22.24543835	GDA2020	50	2021	11	5	2021	11	5	PDM				Denisonia maculata	Ornamental Snake	Ausecology
	2024/09983	148.2320642	-22.24487532	GDA2020	50	2021	11	5	2021	11	5	PDM				Denisonia maculata	Ornamental Snake	Ausecology
	2024/09983	148.2287931	-22.24619615	GDA2020	50	2021	11	5	2021	11	5	PDM				Denisonia maculata	Ornamental Snake	Ausecology
	2024/09983	148.2394416	-22.22558756	GDA2020	50	2022	11	24	2022	11	24	PDM				Geophaps scripta	Squatter Pigeon	Ausecology
	2024/09983	148.237262	-22.22593485	GDA2020	50	2022	4	3	2022	4	3	PDM				Geophaps scripta	Squatter Pigeon	Ausecology
	2024/09983	148.2358717	-22.22462424	GDA2020	50	2022	11	24	2022	11	24	PDM				Geophaps scripta	Squatter Pigeon	Ausecology
	2024/09983	148.2358778	-22.22637098	GDA2020	50	2022	11	24	2022	11	24	PDM				Geophaps scripta	Squatter Pigeon	Ausecology
	2024/09983	148.23782	-22.22530596	GDA2020	50	2022	4	2	2022	4	2	PDM				Geophaps scripta	Squatter Pigeon	Ausecology
	2024/09983	148.2484481	-22.23588393	GDA2020	50	2022	4	3	2022	4	3	PDM				Geophaps scripta	Squatter Pigeon	Ausecology
	2024/09983	148.112017	-22.16458796	GDA2020	50	2022	10	10	2022	10	10	PDM				Geophaps scripta	Squatter Pigeon	Ausecology
	2024/09983	148.075	-22.14499996	GDA2020	50	2022	10	10	2022	10	10	PDM				Geophaps scripta	Squatter Pigeon	Ausecology

SITE / VISIT IDENTIFIER	INSTITUTION_ID	HABITAT	LANDFORM	SLOPE	ASPECT	ABUNDANCE	PRESENCE	CORE SITE	BASIS OF RECORD	RECORD TYPE	VOUCHER SPECIMEN	COMMENTS
Unique visit/survey number	Your specimen/record number - enter the registration number or specimen id from the host institution. Where unknown enter the initials of the institution (e.g. AM)	Habitat/vegetation/ecosystem type	Position in landscape (i.e. Ridge, Simple Slope, Upper Slope, Mid Slope, Lower Slope, Open Depression, Closed Depression, Flat, Crest, Hillock, Aquatic (running water, still water), Marine, Island, Beach, Inter-tidal, Benthic)	Degrees from horizontal (e.g. 0 to 90 or Level (<1°) Very Gently Inclined (1°-3°) Gently Inclined (4°-9°) Moderately Inclined (10°-22°) Steep (23°-36°) Very Steep (37°-59°) Precipitous (60°-79°) Cliff (80°-90°))	Degrees from north or cardinal points (e.g. 0-359 or N, NE, E, SE, S, SW, W, NW)	Number of taxa counted or trapped; for presence only leave blank	Recording of an Absence for a species should only be for where a specific search has been conducted for that species	Whether the site is particularly important, i.e. Breeding sites for birds, turtles; Roosting sites for shorebirds and bats	The way the species was detected: e.g.sighting , heard call, evidence - scats, acoutistic recording, thermal imaging, imagery - drone etc	The type of record: Survey, Incidental, Specimen	Cross reference to Institution and number of voucher specimen, use standard institution code and registration number	Any special comments, including on weather, type/frequency of survey, plot size, etc.
Text	Text	Text	Text	Text	Text	Integer	Boolean	Text	Text	Text	Text	Text
PDMSep22						1			Sighting			
PDMSep22						1			Sighting			
PDMNov22						1			Sighting			
PDMSep22						1			Sighting			
PDMSep22						1			Sighting			
PDMSep22						1			Sighting			
PDMNov21						1			Sighting			
PDMApr22						1			Sighting			
PDMAug19						1			Sighting			
PDMAug19						1			Sighting			
PDMAug19						1			Sighting			
PDMAug19						1			Sighting			
PDMAug19						1			Sighting			
PDMAug19						1			Sighting			
PDMAug19						1			Sighting			
PDMAug19						1			Sighting			
PDMSep22						1			Sighting			
PDMNov22						1			Sighting			
PDMNov22						1			Sighting			
PDMDec21						1			Sighting			
PDMNov22						1			Sighting			
PDMNov21						1			Sighting			
PDMNov21						1			Sighting			
PDMNov21						1			Sighting			
PDMNov21						1			Sighting			
PDMNov21						1			Sighting			
PDMApr22						1			Sighting			
PDMApr22									(Indirect Evidence) Scats			
PDMAug19						1			Sighting			
PDMAug19									Indirect evidence (scat or scratches)			
PDMAug19									Indirect evidence (scat or scratches)			
PDMAug19									Indirect evidence (scat or scratches)			
PDMAug19									Indirect evidence (scat or scratches)			
PDMAug19									Indirect evidence (scat or scratches)			
PDMAug19									Indirect evidence (scat or scratches)			
PDMAug19									Indirect evidence (scat or scratches)			
PDMAug19									Indirect evidence (scat or scratches)			
PDMAug19									Indirect evidence (scat or scratches)			
PDMAug19									Indirect evidence (scat or scratches)			
PDMDec22						1			Sighting			
PDMSep22						1			Sighting			
PDMMar23						1			Sighting			
PDMMar23						1			Sighting			
PDMNov21						1			Sighting			
PDMNov21						1			Sighting			
PDMNov21						1			Sighting			
PDMNov22						1			Sighting			
PDMApr22						1			Sighting			
PDMNov22						1			Sighting			
PDMNov22						1			Sighting			
PDMApr22						1			Sighting			
PDMApr22						1			Sighting			
PDMOct22									Sighting			
PDMOct22									Sighting			

ENTER DATA BELOW

Mandatory fields are red

1. DATASET TITLE						Notes
1.1 Title			Peak Downs Mine Power Line Realignment Project			
2. PROJECT INFORMATION						
2.1 Referral ID			2024/09983			
2.2 Project Title			Peak Downs Mine Power Line Realignment Project			
2.3 Please provide a brief summary of the project which led to the establishment of the dataset. (Succinctly give a background to the project and describe the project's aims and objectives)			Realignment of a 66 kV power line to facilitate continued mining operations at the Peak Downs Mine.			
2.4 Is the project described above part of a larger research activity?	☐ Yes/No No = False		FALSE			
3. DATASET DESCRIPTION						
3.1 Please provide a summary of the dataset. (Briefly describe the method of data collection and types of data or variables/attributes observed/measured/recorded.)			Summary of threatened species locations recorded by Ausecology for field surveys carried out between 2019-2024			
3.2 What is the version number of the dataset? (use 1.0 for first submission, then 2.0 when adding a subsequent year to a time-series dataset, etc)			1			
3.3 Is information about the dataset already available in another publicly accessible repository?	☐ Yes/No		FALSE			
3.4 How many study locations does the dataset comprise?			Unknown			
3.4.1 Does the dataset contain repeat visits to the study locations?	☐ Yes/No		FALSE			
3.5 Please provide some keywords that you believe will enhance the datasets discoverability						
4. DATASET CONTENT						
4.1 What areas of ecological research best describe your dataset?	Landscape Ecology		Landscape Ecology			
	Type Additional (if required)					
4.2 What type of 'threats and pressures' (or anthropogenic disturbance) themes does the dataset contain?		Threat 1	Threat 2	Threat 3	Threat 4	Additional Threats
(click cells for dependant drop-down)	IUCN Main					
	IUCN Sub					
	IUCN Sub 2 (if required)					
4.3 What are the potential threat impacts that the dataset contains? (choose one each from Timing, Scope and Severity)						
Timing						
Scope						
Severity						
4.4 What types of conservation actions / themes does the dataset contain?		Action 1	Action 2	Action 3	Action 4	Additional Actions
	IUCN Main					
	IUCN Sub					
	IUCN Sub 2 (if required)					
5. SPATIAL COVERAGE						
5.1 What is the scale of study of this dataset?	IBRA		IBRA			
5.2 Please describe the geographical extent that your dataset covers. (description of the spatial coverage, in terms of the whole or part of the Park, but also including landscapes or geographic regions covered)			Surveys covered areas of interest along the eastern boundary of existing mine footprint			
5.3 What IBRA (Interim Biogeographical Regionalisation of Australia) Region(s) is the dataset located in?	BBN		BBN			
	Type Additional					
6. DATES						
6.1 What were the start and end dates of data collection for this dataset (First and Last Visits)	Start Date (dd/mm/yyyy)		07/08/2019			
	End Date (dd/mm/yyyy)		23/03/2023			
7. DATASET SPECIES						
7.1 Does your dataset contain observations/measurements of plants?	☐ Yes/No		FALSE			
7.2 Please specify broader plant group(s) which could include the plant species covered by your dataset.						
	Type Additional					
7.3 Does your dataset contain animal observations/measurements?	☐ Yes/No		FALSE			
7.4 Please specify broader animal group(s) which could include the animal species covered by your dataset.		Group 1	Group 2	Group 3	Group 4	Additional Groups
	Broad Animal Group					
	Group					
	Sub-Group (if required)					
8. ENVIRONMENTAL FEATURES						
8.1 Select one or more environmental/landscape features whether recorded in the dataset or associated with the dataset.		Feature 1	Feature 2	Feature 3	Feature 4	Additional Features
	Environmental/Landscape Features					
(may need to scroll up to see attributes in sub-feature)	Sub-Feature					
	Type					
	Sub-Type					
9. ASSOCIATED/SUPPLEMENTARY MATERIALS						

9.1 Identify the type of the associated/supplementary material? (E.g. field manuals, scientific papers, etc)	None	None
9.2 What is the name or title of the associated material (Provide correct reference/citation for material)		
9.3 If a persistent identifier uniquely describes the associated/supplementary material, please choose the type of identifier		
9.4 What is the persistent identifier of the associated material?		

10. DATA COLLECTION METHODS

10.1 Please select a sampling design that best describes how your data collection approach was established.		
10.2 What sampling techniques best describe the ones you used to collect the data?		
	Fauna Sampling	
10.2	Type Additional	
	Flora Sampling	
	Type Additional	
10.3 What types of measurements or observations does the dataset include?		
	Type Additional	
10.4 What attributes were measured or observed and included in the dataset?		
	Type Additional	
10.5 Please provide a description of the methods used to collect the data.		Spotlighting, area searches for individuals and signs of habitat use, bird surveys
What is the name of the method used to collect data?		Spotlighting, area searches, bird surveys
Please describe the method used to collect the data. (The specific and detailed methods for sampling and data collection at each point/plot – as if you were writing up methods for a journal article. Include equipment used. If multiple procedures were followed, outline each procedure separately. For example you may have separate procedures for site/station set up; species counts/observations; vegetation assessment; etc)		Spotlighting, area searches for individuals and signs of habitat use, bird surveys, carried out at various points across a number of survey periods over several years
If the method has changed over the period of the project, please describe how and when the method has changed.		
10.6 What other information was collected as a part of the dataset for further identification, analysis and/or record keeping?		

11. DATASET CONTACT

11.1 Contact details		
Title:		Miss
Name:		Hannah Silcox
Position / Role:		Environmental Specialist
Telephone:		[redacted]
Email:		[redacted]
Postal Address:		Level 12, 480 Queen Street, Brisbane, QLD, 4000
11.7 For which organisation does the dataset contact work?		BMA

12. DATASET AUTHORS

12.1 Author's Initials	
12.2 Author's Surname or Organisation	Not available
12.3 Author's Affiliation	Not available

13. DATASET CONDITIONS OF USE

13.1 What type of open access license is applicable to the dataset?	Refer to BMA
13.2 Where other non-author contributors to the dataset should be acknowledged, please provide a corresponding statement. (Add details of anyone involved in the research that you would like to credit.)	
13.3 Where the dataset is under embargo, please provide the final date of the embargo.	
13.4 Dataset Custodians(s) **Select the organisation(s) considered to have legal custodianship of the dataset (i.e. intellectual property rights of the dataset)?**	BMA
Custodian organisation type?	

14. DATASET MANAGEMENT

14.1 What is the activity status of the dataset?		
14.2 What curation activities have been applied to the dataset?		
14.2.1 Where the dataset has been curated in a way which is not part of the above list, please specify such curation activities.		
14.3 When was the dataset last updated or curated?	Enter Date (dd/mm/yyyy)	01/07/2025

15. DATA FILE SUBMISSION

Submission Data File:	
File Type:	
File Description (Please describe the types of data associated with this data file(s) (including tables, tabs, columns, measurements), an overview of the data file types and their format. If you have submitted an MS Excel file and have inserted a "Readme" tab as part of the file, make a note of this in the File Description.)	List of threatened species locations recorded by Ausecology for field surveys adjavent to the PDM carried out between 2019-2024. List as required for PD RFI assessment.
File Format:	
Format Version:	