

C. Summary of Herpetofauna Monitoring, Mammals and Insect Surveys

Table C1: Summary of herpetofauna monitoring data within the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Amphibians			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Asian Common Toad	Bufo melanostictus	-	0.0	0.0	0.0	0.0	6.0	6.5
Gunther's Frog	Hylarana guentheri	-	0.0	0.0	0.0	0.0	0.0	4.0
Paddy Frog	Fejervarya limnocharis	-	0.0	0.0	0.0	0.0	2.0	0.0
Brown Tree Frog	Polypedates megacephalus	-	0.0	0.0	0.0	0.0	1.0	1.0
Asiatic Painted Frog	Kaloula pulchra pulchra	-	0.0	0.0	0.0	0.0	0.0	1.5
No. of Species Recorded			0	0	0	0	3	4
Reptiles			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Bowring's Gecko	Hemidactylus bowringii	-	0.0	0.0	0.0	0.0	4.5	10.5
Long-tailed Skink	Eutropis longicaudata	-	0.0	0.0	0.0	0.0	0.0	V
No. of Species Recorded			0	0	0	0	1	2

(1) Conservation status follows that of Fellows that of Fellowes et al. (2002), Chan et al. (2005) and Karsen et al. (1998).

(2) Refers to the mean number of individuals recorded in the reporting period (excluding the WRA)

V Indicates the species is recorded outside regular surveys.

Table C2: Summary of herpetofauna monitoring in the WRA

Common Name	Scientific Name	Conservation Status ⁽¹⁾			Mean ⁽²⁾			
Amphibians			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Asian Common Toad	Bufo melanostictus	-	0.0	0.0	0.0	0.0	4.0	4.0
Gunther's Frog	Hylarana guentheri	-	0.0	0.0	0.0	0.0	1.5	2.5
Paddy Frog	Fejervarya limnocharis	-	0.0	0.0	0.0	0.0	1.0	0.0
Brown Tree Frog	Polypedates megacephalus	-	0.0	0.0	0.0	0.0	1.0	0.0
Asiatic Painted Frog	Kaloula pulchra pulchra	-	0.0	0.0	0.0	0.0	2.0	0.5
Ornate Pygmy Frog	Microhyla fissipes	-	0.0	0.0	0.0	0.0	2.5	1.5
No. of Species Recorded			0	0	0	0	6	4

Common Name	Scientific Name	Conservation Status ⁽¹⁾			Mean ⁽²⁾			
Reptiles			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Bowring's Gecko	Hemidactylus bowringii	-	0.0	0.0	0.0	0.0	5.0	4.5
Long-tailed Skink	Eutropis longicaudata	-	0.0	0.0	0.0	0.0	0.5	0.5
Reeve's Smooth Skink	Scincella reevesii	-	0.0	0.0	0.0	0.0	2.0	0.0
Common Blind Snake	Indotyphlops braminus	-	0.0	0.0	0.0	0.0	0.0	0.5
No. of Species Recorded			0	0	0	0	3	3

(1) Conservation status follows that of Fellows that of Fellowes et al. (2002), Chan et al. (2005) and Karsen et al. (1998).

(2) Refers to the mean number of individuals recorded in the reporting period at WRA.

V Indicates the species is recorded outside regular surveys.

Table C3: Summary of mammal monitoring in the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Max ⁽²⁾					
Mammal			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Short-nosed Fruit Bat	Cynopterus sphinx	-	0.0	0.0	0.0	0.0	6.0	1.0
Japanese Pipistrelle	Pipistrellus abramus	-	0.0	0.0	0.0	0.0	0.0	2.0
No. of Species Recorded			0	0	0	0	1	2

(1) Conservation status follows that of Fellows et al. (2002) and Shek (2006).

(2) Refers to the maximum number of individuals recorded in each month in the survey area (excluding WRA).

V Indicates the species is recorded outside regular surveys.

Table C4: Summary of mammal monitoring in the WRA

Common Name		Scientific Name	Conservation Status ⁽¹⁾		Max ⁽²⁾			
Mammal			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Short-nosed Fruit Bat	Cynopterus sphinx	-	0.0	0.0	0.0	0.0	7.0	4.0
Japanese Pipistrelle	Pipistrellus abramus	-	0.0	0.0	0.0	0.0	6.0	7.0
Leopard Cat#	Prionailurus bengalensis	Class II	0.0	1.0	1.0	1.0	0.0	0.0
No. of Species Recorded			0	1	1	1	2	2

(1) Conservation status follows that of Fellows et al. (2002) and Shek (2006).

(2) Refers to the maximum number of individuals recorded in each month at WRA.

V Indicates the species is recorded outside regular surveys.

Table C5: Summary of dragonfly and butterfly monitoring in the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Odonata			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Orange-tailed Sprite	Ceriagrion auranticum ryukyuanum	-	0.0	0.0	0.0	0.0	0.0	4.0
Common Bluetail	Ischnura senegalensis	-	6.0	0.0	0.0	0.0	3.0	21.5
Yellow Featherlegs	Copera marginipes	-	0.0	0.0	0.0	0.0	5.0	1.0
Common Flangetail	Ictinogomphus pertinax	-	1.0	0.0	0.0	0.0	0.0	0.0
Asian Amberwing	Brachythemis contaminata	-	1.0	0.0	0.0	0.0	1.0	7.0
Crimson Darter	Crocothemis servilia servilia	-	1.0	0.0	0.0	0.0	0.0	0.0
Pied Percher	Neurothemis tullia tullia	-	1.0	0.0	0.0	0.0	0.0	0.5
Green Skimmer	Orthetrum sabina sabina	-	15.0	0.0	0.0	0.0	0.0	2.5
Wandering Glider	Pantala flavescens	-	5.0	0.0	0.0	0.0	7.0	2.0
Variegated Flutterer	Rhyothemis variegata arria	-	10.0	0.0	0.0	0.0	0.0	4.0
Saddlebag Glider	Tramea virginia	-	3.0	0.0	0.0	0.0	0.0	0.5
No. of Species Recorded			9	0	0	0	4	9

Butterfly			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Great Egg-fly	Hypolimnas bolina kezia	-	2.0	0.0	0.0	0.0	0.0	0.0
Common Sailor	Neptis hylas hylas	-	0.0	0.0	0.0	0.0	1.0	0.0
Red Ring Skirt	Hestina assimilis assimilis	-	2.0	0.0	0.0	0.0	0.0	0.0
Dark Brand Bush Brown	Mycalesis mineus mineus	-	2.0	0.0	0.0	0.0	2.0	0.5
Pale Grass Blue	Pseudozizeeria maha serica	-	12.0	0.0	0.0	0.0	0.0	6.0
Tiny Grass Blue	Zizula hylax	-	1.0	0.0	0.0	0.0	0.0	0.0
Dark Cerulean	Jamides bochus bochus	-	2.0	0.0	0.0	0.0	0.0	0.0
Red-base Jezebel	Delias pasithoe pasithoe	-	10.0	0.0	0.0	0.0	1.0	1.5
Indian Cabbage White	Pieris canidia canidia	-	3.0	0.0	0.0	0.0	0.0	0.0
Small Cabbage White	Pieris rapae crucivora	-	0.0	0.0	0.0	0.0	34.0	8.5
Lemon Emigrant	Catopsilia pomona pomona	-	9.0	0.0	0.0	0.0	0.0	0.0
Common Grass Yellow	Eurema hecabe hecabe	-	0.0	0.0	0.0	0.0	0.0	2.0
Common Bluebottle	Graphium sarpedon sarpedon	-	1.0	0.0	0.0	0.0	0.0	0.0
Tailed Jay	Graphium agamemnon agamemnon	-	0.0	0.0	0.0	0.0	1.0	0.0
Common Mime	Chilasa clytia clytia	-	0.0	0.0	0.0	0.0	1.0	0.0
Common Mormon	Papilio polytes polytes	-	1.0	0.0	0.0	0.0	0.0	2.0
Great Mormon	Papilio memnon agenor	-	0.0	0.0	0.0	0.0	1.0	0.0
Indian Palm Bob	Suastus gremius gremius	-	1.0	0.0	0.0	0.0	0.0	0.0
No. of Species Recorded			12	0	0	0	7	6

(1) Conservation status follows that of Fellows et al. (2002) and Shek (2006), Lo & Hui (2004), Wilson (2004) and Young & Yiu (2002).

(2) Refers to the mean number of individuals recorded in each month in the survey area (excluding the WRA)

V indicates the species is recorded outside regular surveys

Table C6: Summary of dragonfly and butterfly monitoring in the WRA

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Odonate			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Wandering Midget	Agriocnemis pygmaea	-	2.0	0.0	0.0	0.0	2.0	0.0
Orange-tailed Sprite	Ceriagrion auranticum ryukyuenum	-	0.0	0.0	0.0	0.0	5.0	2.0
Common Bluetail	Ischnura senegalensis	-	4.0	0.0	0.0	0.0	3.0	5.0
Blue Sprite	Pseudagrion microcephalum	LC	0.0	0.0	0.0	0.0	1.0	0.0
Yellow Featherlegs	Copera marginipes	-	1.0	0.0	0.0	0.0	0.0	0.5
Lesser Emperor	Anax parthenope julius	-	1.0	0.0	0.0	0.0	0.0	0.0
Regal Pond Cruiser	Epophthalmia elegans	-	1.0	0.0	0.0	0.0	0.0	1.5
Asian Pintail	Acisoma panorpoides	-	0.0	0.0	0.0	0.0	0.0	2.0
Blue Dasher	Brachydiplax chalybea flavovittata	-	5.0	0.0	0.0	0.0	0.0	2.5
Asian Amberwing	Brachythemis contaminata	-	2.0	0.0	0.0	0.0	2.0	2.0
Crimson Darter	Crocothemis servilia servilia	-	0.0	0.0	0.0	0.0	0.0	0.5
Pied Percher	Neurothemis tullia tullia	-	5.0	0.0	0.0	0.0	4.0	4.5
Green Skimmer	Orthetrum sabina sabina	-	8.0	0.0	0.0	0.0	3.0	7.5
Wandering Glider	Pantala flavescens	-	6.0	0.0	0.0	0.0	1.0	3.0
Pied Skimmer	Pseudothemis zonata	-	0.0	0.0	0.0	0.0	1.0	2.0
Variegated Flutterer	Rhyothemis variegata arria	-	11.0	0.0	0.0	0.0	0.0	10.0
Evening Skimmer	Tholymis tillarga	-	4.0	0.0	0.0	0.0	1.0	0.5
Saddlebag Glider	Tramea virginia	-	3.0	0.0	0.0	0.0	0.0	2.5
Scarlet Basker	Urothemis signata signata	LC	2.0	0.0	0.0	0.0	0.0	0.0
Dingy Dusk-darter	Zyxomma petiolatum	-	0.0	0.0	0.0	0.0	1.0	0.5
No. of Species Recorded			14	0	0	0	11	16

Butterfly			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Tawny Rajah	Charaxes bernardus bernardus	-	1.0	0.0	0.0	0.0	0.0	0.0
Blue-spotted Crow	Euploea midamus midamus	-	0.0	0.0	0.0	0.0	0.0	0.5
Great Egg-fly	Hypolimnas bolina kezia	-	6.0	0.0	0.0	0.0	0.0	1.0
Red Ring Skirt	Hestina assimilis assimilis	-	1.0	0.0	0.0	0.0	0.0	0.0
Angled Castor	Ariadne ariadne alterna	-	1.0	0.0	0.0	0.0	0.0	0.0
Dark Evening Brown	Melanitis phedima muskata	-	0.0	0.0	0.0	0.0	0.0	0.5
Common Palmfly	Elymnias hypermnestra hainana	-	0.0	0.0	0.0	0.0	0.0	1.0
Dark Brand Bush Brown	Mycalesis mineus mineus	-	4.0	0.0	0.0	0.0	5.0	3.5
South China Bush Brown	Mycalesis zonata	-	1.0	0.0	0.0	0.0	0.0	0.0
Common Five-ring	Ypthima baldus baldus	-	0.0	0.0	0.0	0.0	0.0	0.5
Slate Flash	Rapala manea	-	0.0	0.0	0.0	0.0	0.0	1.0
Long-tailed Blue	Lampides boeticus	-	0.0	0.0	0.0	0.0	1.0	4.5
Pale Grass Blue	Pseudozizeeria maha serica	-	6.0	0.0	0.0	0.0	1.0	5.5
Lesser Grass Blue	Zizina otis	-	0.0	0.0	0.0	0.0	3.0	0.5
Tiny Grass Blue	Zizula hylax	-	3.0	0.0	0.0	0.0	0.0	3.0
Tailless Line Blue	Prosotas dubiosa	-	4.0	0.0	0.0	0.0	0.0	2.5
Common Hedge Blue	Acytolepis puspa	-	0.0	0.0	0.0	0.0	0.0	0.5
Dark Cerulean	Jamides bochus bochus	-	5.0	0.0	0.0	0.0	0.0	0.5
Red-base Jezebel	Delias pasithoe pasithoe	-	11.0	0.0	0.0	0.0	1.0	2.0
Indian Cabbage White	Pieris canidia canidia	-	2.0	0.0	0.0	0.0	1.0	0.0
Small Cabbage White	Pieris rapae crucivora	-	0.0	0.0	0.0	0.0	8.0	5.5
Great Orange Tip	Hebomoia glaucippe glaucippe	-	1.0	0.0	0.0	0.0	0.0	0.0
Mottled Emigrant	Catopsilia pyranthe pyranthe	-	1.0	0.0	0.0	0.0	0.0	0.0
Lemon Emigrant	Catopsilia pomona pomona	-	5.0	0.0	0.0	0.0	1.0	0.0
Common Grass Yellow	Eurema hecabe hecabe	-	0.0	0.0	0.0	0.0	3.0	1.5
Three-spot Grass Yellow	Eurema blanda hylama	-	2.0	0.0	0.0	0.0	1.0	1.0
Common Mime	Chilasa clytia clytia	-	1.0	0.0	0.0	0.0	2.0	0.5
Red Helen	Papilio helenus	-	0.0	0.0	0.0	0.0	2.0	0.0

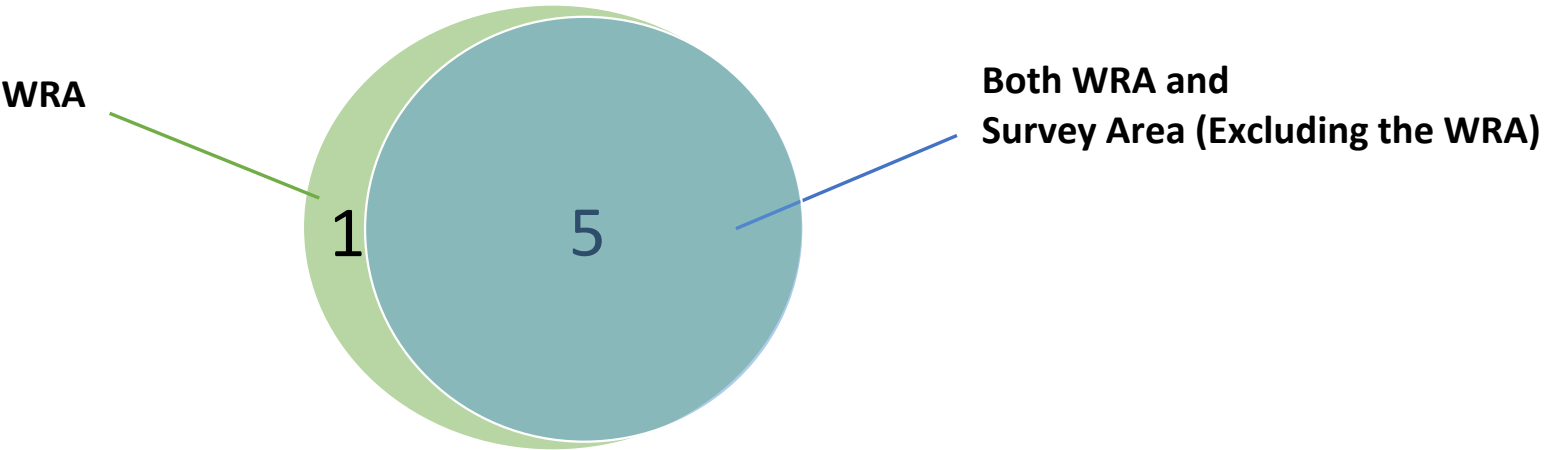
Butterfly			Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Common Mormon	Papilio polytes polytes	-	3.0	0.0	0.0	0.0	2.0	0.5
Spangle	Papilio protenor	-	1.0	0.0	0.0	0.0	0.0	0.0
Paris Peacock	Papilio paris	-	0.0	0.0	0.0	0.0	2.0	0.5
Dark Swift	Caltois cahira	-	1.0	0.0	0.0	0.0	0.0	0.5
Chinese Dart	Potanthus confucius confucius	-	0.0	0.0	0.0	0.0	1.0	0.0
Banana Skipper	Erionota torus	-	0.0	0.0	0.0	0.0	1.0	0.0
No. of Species Recorded			20	0	0	0	16	22

(1) Conservation status follows that of Fellowes et al. (2002), Lo & Hui (2004), Wilson (2004) and Young & Yiu (2002).

(2) Refers to the mean number of individuals recorded in each month in the survey area at WRA

V indicates the species is recorded outside regular surveys

Chart C1: Number of Common Amphibian Species and Amphibian Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period

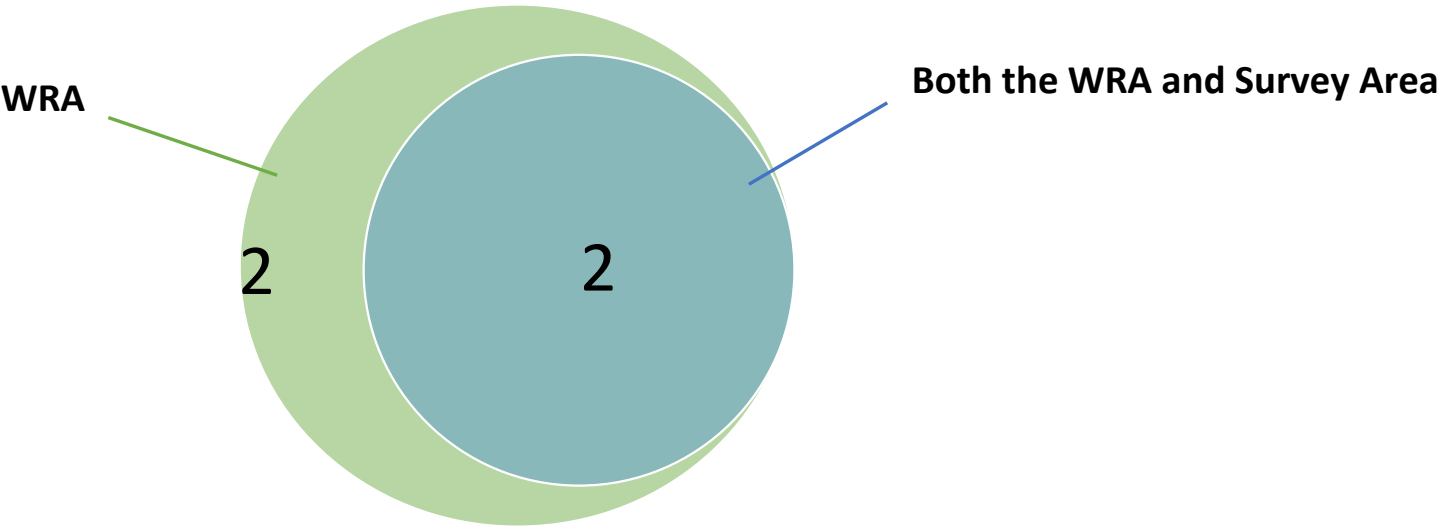


Species Only Found in the WRA
Ornate Pygmy Frog
1

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)	
Asian Common Toad	Gunther's Frog
Asiatic Painted Frog	Paddy Frog
Brown Tree Frog	
5	

Species Only Found in the Survey Area (Excluding the WRA)
0

Chart C2: Number of Common Reptile Species and Reptile Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period

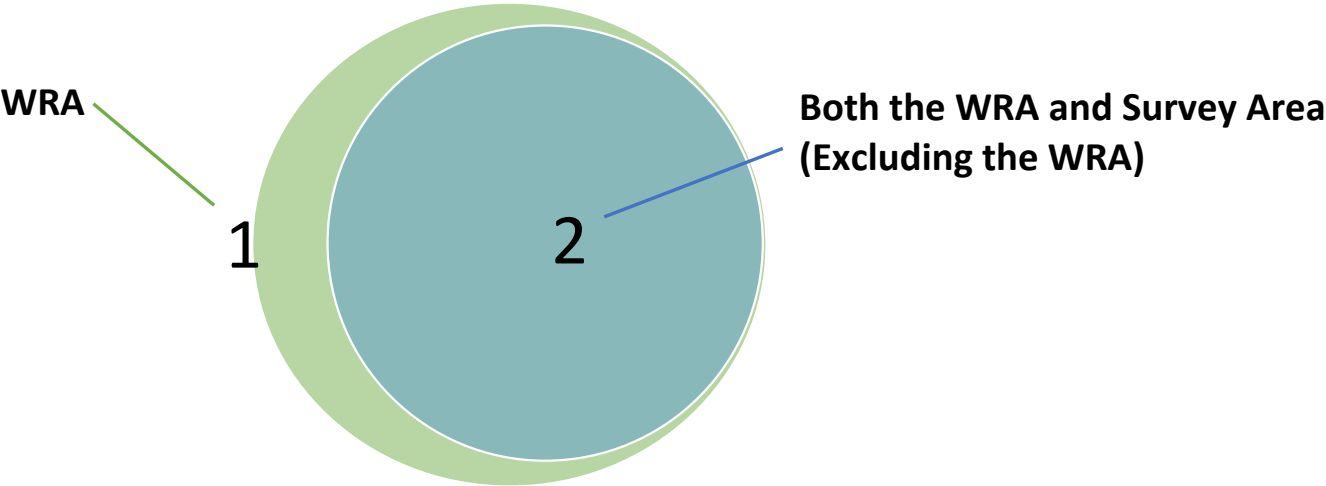


Species Only Found in the WRA
Reeve's Smooth Skink Common Blind Snake
2

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)
Bowring's Gecko Long-tailed Skink
2

Species Only Found in the Survey Area (Excluding the WRA)
0

Chart C3: Number of Common Mammal Species and Mammal Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period

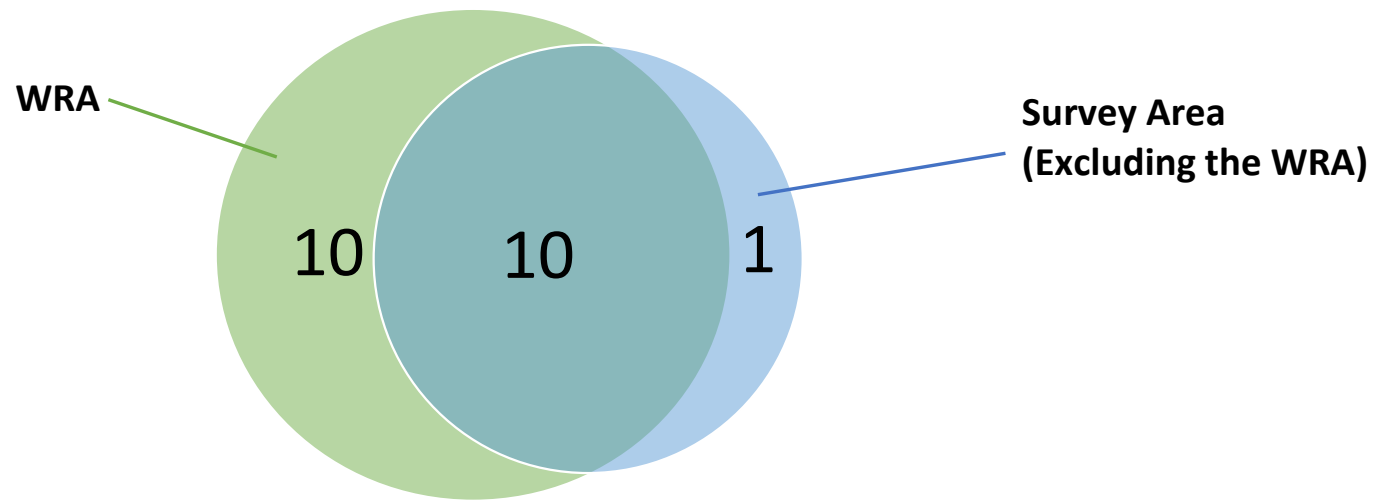


Species Only Found in the WRA
Leopard Cat
1

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)
Japanese Pipistrelle
Short-nosed Fruit Bat
2

Species Only Found in the Survey Area (Excluding the WRA)
0

Chart C4: Number of Common Dragonfly Species and Dragonfly Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period

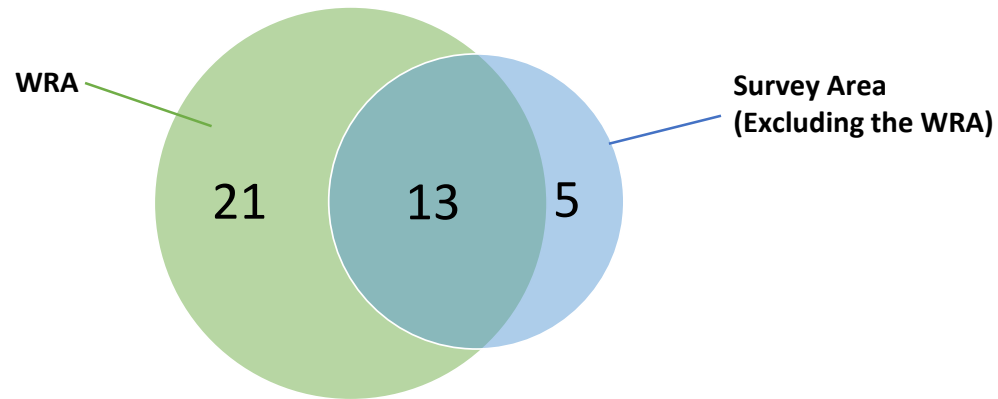


Species Only Found in the WRA	
Asian Pintail	Lesser Emperor
Blue Dasher	Pied Skimmer
Blue Sprite	Regal Pond Cruiser
Dingy Dusk-darter	Scarlet Basker
Evening Skimmer	Wandering Midget
10	

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)	
Asian Amberwing	Pied Percher
Common Bluetail	Saddlebag Glider
Crimson Darter	Variegated Flutterer
Green Skimmer	Wandering Glider
Orange-tailed Sprite	Yellow Featherlegs
10	

Species Only Found in the Survey Area (Excluding the WRA)
Common Flangetail
1

Chart C5: Number of Common Butterfly Species and Butterfly Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period



Species Only Found in the WRA	
Angled Castor	South China Bush Brown
Banana Skipper	Spangle
Blue-spotted Crow	Tailless Line Blue
Chinese Dart	Three-spot Grass Yellow
Common Palmfly	Great Orange Tip
Dark Swift	Mottled Emigrant
Lesser Grass Blue	Tawny Rajah
Long-tailed Blue	Common Five-ring
Paris Peacock	Common Hedge Blue
Red Helen	Dark Evening Brown
Slate Flash	
21	

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)	
Common Grass Yellow	Small Cabbage White
Common Mime	Tiny Grass Blue
Common Mormon	
Dark Brand Bush Brown	
Dark Cerulean	
Great Egg-fly	
Indian Cabbage White	
Lemon Emigrant	
Pale Grass Blue	
Red Ring Skirt	
Red-base Jezebel	
13	

Species Only Found in the Survey Area (Excluding the WRA)
Common Bluebottle
Common Sailor
Indian Palm Bob
Tailed Jay
Great Mormon
5