

J. Summary of Herpetofauna, Mammal and Insect Surveys conducted

Table J1: Summary of herpetofauna monitoring in the Survey Area (excluding the WRA)

| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Mean ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
|------------------------------|---------------------------------|------------------------------------|------------------------------------|------------------------------|--|
| Amphibian | No. of species recorded: | 0 | | | |
| No records in September 2020 | | | | | |
| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Mean ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
| Reptile | No. of species recorded: | 0 | | | |
| No records in September 2020 | | | | | |

Note:

- (1) Conservation status follows that of Fellowes *et al.* (2002), Chan *et al.* (2005) and Karsen *et al.* (1998).
- (2) Indicates number of surveys recorded within the reporting period.
- (3) Refers to the mean number of individuals recorded in the reporting period (excluding the WRA).
- (4) Includes observations during other surveys and/or site visits.
- (5) One daytime regular survey and no outside surveys were conducted
- V Indicates the species is recorded outside regular surveys

Table J2: Summary of herpetofauna monitoring in the WRA

| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Mean ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
|-------------------|---|------------------------------------|------------------------------------|------------------------------|--|
| Amphibian | No. of species recorded: | 1 | | | |
| Gunther's Frog | <i>Hylarana guentheri</i> | - | 1 | 1.0 | 0 |
| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Mean ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
| Reptile | No. of species recorded: | 1 | | | |
| Many-banded Krait | <i>Bungarus multicinctus multicinctus</i> | - | 1 | 1.0 | 0 |

Note:

- (1) Conservation status follows that of Fellowes *et al.* (2002), Chan *et al.* (2005) and Karsen *et al.* (1998).
- (2) Indicates number of surveys recorded within the reporting period.
- (3) Refers to the mean number of individuals recorded in the reporting period in the WRA.
- (4) Includes observations during other surveys and/or site visits.
- (5) One daytime regular survey and six outside surveys were conducted
- V Indicates the species is recorded outside regular surveys

Table J3: Summary of mammal monitoring in the Survey Area (excluding the WRA)

| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Max ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
|-----------------------|---------------------------------|------------------------------------|------------------------------------|-----------------------------|--|
| Mammal | No. of species recorded: | 1 | | | |
| Short-nosed Fruit Bat | <i>Cynopterus sphinx</i> | - | 0 | 0 | V |

Note:

- (1) Conservation status follows that of Fellowes *et al.* (2002) and Shek (2006).
- (2) Indicates number of surveys recorded within the reporting period.
- (3) Refers to the maximum number of individuals recorded in the reporting period (excluding the WRA).
- (4) Includes observations during other surveys and/or site visits.
- (5) Six regular surveys and one outside survey were conducted
- V Indicates the species is recorded outside regular surveys

Table J4: Summary of mammal monitoring in the WRA

| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Max ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
|----------------------|---------------------------------|------------------------------------|------------------------------------|-----------------------------|--|
| Mammal | No. of species recorded: | 1 | | | |
| Japanese Pipistrelle | <i>Pipistrellus abramus</i> | - | 0 | 0 | V |

Note:

- (1) Conservation status follows that of Fellowes *et al.* (2002) and Shek (2006).
- (2) Indicates number of surveys recorded within the reporting period.
- (3) Refers to the maximum number of individuals recorded in the reporting period in the WRA.
- (4) Includes observations during other surveys and/or site visits.
- (5) Six regular surveys and six outside surveys were conducted
- ^Leopard Cat is listed on CITES Appendix II and vulnerable (VU) in China Red Data Book and it is protected under the Wild Animals Protection Ordinance (Cap. 170)
- V Indicates the species is recorded outside regular surveys

Table J5: Summary of dragonflies (odonata) and butterfly monitoring in the Survey Area (excluding the WRA)

| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Mean ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
|----------------------|--------------------------------------|------------------------------------|------------------------------------|------------------------------|--|
| Odonata | No. of species recorded: | 12 | | | |
| Common Bluetail | <i>Ischnura senegalensis</i> | - | 1 | 1.0 | 0 |
| Common Flangetail | <i>Ictinogomphus pertinax</i> | - | 1 | 3.0 | 0 |
| Regal Pond Cruiser | <i>Epophthalmia elegans</i> | - | 1 | 1.0 | 0 |
| Asian Amberwing | <i>Brachythemis contaminata</i> | - | 1 | 1.0 | 0 |
| Crimson Darter | <i>Crocothemis servilia servilia</i> | - | 1 | 2.0 | 0 |
| Coastal Glider | <i>Macrodiplox cora</i> | - | 1 | 2.0 | 0 |
| Green Skimmer | <i>Orthetrum sabina sabina</i> | - | 1 | 11.0 | 0 |
| Wandering Glider | <i>Pantala flavescens</i> | - | 1 | 5.0 | 0 |
| Variigated Flutterer | <i>Rhyothemis variegata arria</i> | - | 1 | 8.0 | 0 |
| Evening Skimmer | <i>Tholymis tillarga</i> | - | 1 | 1.0 | 0 |

| Saddlebag Glider | <i>Tramea virginia</i> | - | 1 | 1.0 | 0 |
|-----------------------|--------------------------------------|------------------------------------|------------------------------------|------------------------------|--|
| Scarlet Basker | <i>Urothemis signata signata</i> | - | 1 | 7.0 | 0 |
| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Mean ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
| Butterfly | No. of species recorded: | 14 | | | |
| Plain Tiger | <i>Danaus chrysippus</i> | - | 1 | 1.0 | 0 |
| Common Tiger | <i>Danaus genutia</i> | - | 1 | 1.0 | 0 |
| Great Egg-fly | <i>Hypolimnas bolina kezia</i> | - | 1 | 2.0 | 0 |
| Common Palmfly | <i>Elymnias hypermnestra hainana</i> | - | 1 | 1.0 | 0 |
| Dark Brand Bush Brown | <i>Mycalesis mineus mineus</i> | - | 1 | 4.0 | 0 |
| Pale Grass Blue | <i>Pseudozizeeria maha serica</i> | - | 1 | 3.0 | 0 |
| Tiny Grass Blue | <i>Zizula hylax</i> | - | 1 | 1.0 | 0 |
| Red-base Jezebel | <i>Delias pasithoe pasithoe</i> | - | 1 | 2.0 | 0 |
| Lemon Emigrant | <i>Catopsilia pomona pomona</i> | - | 1 | 10.0 | 0 |
| Common Bluebottle | <i>Graphium sarpedon sarpedon</i> | - | 1 | 1.0 | 0 |
| Common Mime | <i>Chilasa clytia clytia</i> | - | 1 | 2.0 | 0 |
| Common Mormon | <i>Papilio polytes polytes</i> | - | 1 | 8.0 | 0 |
| Spangle | <i>Papilio protenor</i> | - | 1 | 3.0 | 0 |
| Swallowtail | <i>Papilio xuthus xuthus</i> | - | 1 | 1 | 0 |

Note:

(1) Conservation status follows that of Fellowes *et al.* (2002), Lo & Hui (2004), Tam *et al.* (2011) and Young & Yiu (2002).

(2) Indicates number of surveys recorded within the reporting period.

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

(4) Includes observations during other surveys and/or site visits.

(5) One regular survey was conducted and no outside surveys were conducted

V Indicates the species is recorded outside regular surveys

Table J6: Summary of dragonflies (odonata) and butterfly monitoring in the WRA

| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Mean ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
|--------------------|---|------------------------------------|------------------------------------|------------------------------|--|
| Odonata | No. of species recorded: | 13 | | | |
| Wandering Midget | <i>Agriocnemis pygmaea</i> | - | 1 | 3.0 | 0 |
| Lesser Emperor | <i>Anax parthenope julius</i> | - | 1 | 4.0 | 0 |
| Regal Pond Cruiser | <i>Epopthalmia elegans</i> | - | 1 | 3.0 | 0 |
| Blue Dasher | <i>Brachydiplax chalybea flavovittata</i> | - | 1 | 15.0 | 0 |

| | | | | | |
|----------------------|--------------------------------------|---|---|------|---|
| Asian Amberwing | <i>Brachythemis contaminata</i> | - | 1 | 3.0 | 0 |
| Crimson Darter | <i>Crocothemis servilia servilia</i> | - | 1 | 4.0 | 0 |
| Pied Percher | <i>Neurothemis tullia tullia</i> | - | 1 | 17.0 | 0 |
| Green Skimmer | <i>Orthetrum sabina sabina</i> | - | 1 | 12.0 | 0 |
| Wandering Glider | <i>Pantala flavescens</i> | - | 1 | 2.0 | 0 |
| Variegated Flutterer | <i>Rhyothemis variegata arria</i> | - | 1 | 16.0 | 0 |
| Evening Skimmer | <i>Tholymis tillarga</i> | - | 1 | 3.0 | 0 |
| Saddlebag Glider | <i>Tramea virginia</i> | - | 1 | 4.0 | 0 |
| Scarlet Basker | <i>Urothemis signata signata</i> | - | 1 | 4.0 | 0 |

| Species Name | Scientific Name | Conservation Status ⁽¹⁾ | Sep 2020 Occurrence ⁽²⁾ | Sep 2020 Mean ⁽³⁾ | Records Outside Surveys ⁽⁴⁾ |
|-------------------------|-----------------------------------|------------------------------------|------------------------------------|------------------------------|--|
| Butterfly | No. of species recorded: | 17 | | | |
| Blue-spotted Crow | <i>Euploea midamus midamus</i> | - | 1 | 1.0 | 0 |
| Great Egg-fly | <i>Hypolimnas bolina kezia</i> | - | 1 | 7.0 | 0 |
| Common Sailor | <i>Neptis hylas hylas</i> | - | 1 | 1.0 | 0 |
| Dark Brand Bush Brown | <i>Mycalesis mineus mineus</i> | - | 1 | 4.0 | 0 |
| South China Bush Brown | <i>Mycalesis zonata</i> | - | 1 | 2.0 | 0 |
| Punchinello | <i>Zemeros flegyas</i> | - | - | - | V |
| Chocolate Royal | <i>Remelana jangala mudra</i> | - | 1 | 2.0 | 0 |
| Pale Grass Blue | <i>Pseudozizeeria maha serica</i> | - | 1 | 9.0 | 0 |
| Tiny Grass Blue | <i>Zizula hylax</i> | - | 1 | 11.0 | 0 |
| Tailless Line Blue | <i>Prosotas dubiosa</i> | - | 1 | 7.0 | 0 |
| Lemon Emigrant | <i>Catopsilia pomona pomona</i> | - | 1 | 3.0 | 0 |
| Three-spot Grass Yellow | <i>Eurema blanda hylama</i> | - | 1 | 5.0 | 0 |
| Common Jay | <i>Graphium doson axion</i> | - | 1 | 1.0 | 0 |
| Common Mime | <i>Chilasa clytia clytia</i> | - | 1 | 6.0 | 0 |
| Common Mormon | <i>Papilio polytes polytes</i> | - | 1 | 2.0 | 0 |
| Colon Swift | <i>Caltoris bromus</i> | - | 1 | 1.0 | 0 |
| Dark Swift | <i>Caltoris cahira</i> | - | 1 | 1.0 | 0 |

Note:

- (1) Conservation status follows that of Fellowes *et al.* (2002), Lo & Hui (2004), Tam *et al.* (2011) and Young & Yiu (2002).
- (2) Indicates number of surveys recorded within the reporting period.
- (3) Refers to the mean number of individuals recorded in the reporting period in the WRA.
- (4) Includes observations during other surveys and/or site visits.
- (5) One regular survey and 6 outside surveys were conducted
- V Indicates the species is recorded outside regular surveys