

## Appendix 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 <sup>(1)</sup> | September 2014            |                     | Records Outside Surveys |
|--------------------------------|-----------------|------------------------------------|---------------------------|---------------------|-------------------------|
|                                |                 |                                    | Occurrence <sup>(2)</sup> | Mean <sup>(3)</sup> |                         |
| <b>Amphibian</b>               |                 | <b>No. of Species Recorded</b>     | <b>0</b>                  |                     |                         |
| (No Records in September 2014) |                 |                                    |                           |                     |                         |
| <b>Reptile</b>                 |                 | <b>No. of Species Recorded</b>     | <b>0</b>                  |                     |                         |
| (No Records in September 2014) |                 | -                                  |                           |                     |                         |

(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).

Table J2. Summary of herpetofauna monitoring in the WRA

| Species Name                   | Scientific Name           | Conservation Status <sup>(1)</sup> | September 2014            |                     | Records Outside Surveys |
|--------------------------------|---------------------------|------------------------------------|---------------------------|---------------------|-------------------------|
|                                |                           |                                    | Occurrence <sup>(2)</sup> | Mean <sup>(3)</sup> |                         |
| <b>Amphibian</b>               |                           | <b>No. of Species Recorded</b>     | <b>1</b>                  |                     |                         |
| Gunther's Frog                 | <i>Hylarana guentheri</i> | -                                  | -                         | -                   | ✓                       |
| <b>Reptiles</b>                |                           | <b>No. of Species Recorded</b>     | <b>0</b>                  |                     |                         |
| (No Records in September 2014) |                           |                                    | -                         | -                   |                         |

(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.

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

| Species Name                   | Scientific Name | Conservation Status <sup>(1)</sup> | September 2014            |                     |
|--------------------------------|-----------------|------------------------------------|---------------------------|---------------------|
|                                |                 |                                    | Occurrence <sup>(2)</sup> | Mean <sup>(3)</sup> |
| <b>Mammal</b>                  |                 | <b>No. of Species Recorded</b>     | <b>0</b>                  |                     |
| (No Records in September 2014) |                 |                                    | -                         | -                   |

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

Table J4. Summary of mammal monitoring in the WRA

| Species Name         | Scientific Name             | Conservation Status <sup>(1)</sup> | September 2014            |                     | Records Outside Surveys |
|----------------------|-----------------------------|------------------------------------|---------------------------|---------------------|-------------------------|
|                      |                             |                                    | Occurrence <sup>(2)</sup> | Mean <sup>(3)</sup> |                         |
| <b>Mammal</b>        |                             | <b>No. of Species Recorded</b>     | <b>1</b>                  |                     |                         |
| Japanese Pipistrelle | <i>Pipistrellus abramus</i> | LC                                 | -                         | -                   | ✓                       |

(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 mean number of individuals recorded in the reporting period in the WRA.

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

| Common Name          | Scientific Name                   | Conservation Status <sup>(1)</sup> | September 2014            |                     |
|----------------------|-----------------------------------|------------------------------------|---------------------------|---------------------|
|                      |                                   |                                    | Occurrence <sup>(2)</sup> | Mean <sup>(3)</sup> |
| <b>Odonata</b>       |                                   | <b>No. of Species Recorded</b>     | <b>5</b>                  |                     |
| Common Flangetail    | <i>Ictinogomphus pertinax</i>     | -                                  | 1                         | 1.0                 |
| Green Skimmer        | <i>Orthetrum sabina sabina</i>    | -                                  | 1                         | 2.0                 |
| Wandering Glider     | <i>Pantala flavescens</i>         | -                                  | 1                         | 3.0                 |
| Variegated Flutterer | <i>Rhyothemis variegata arria</i> | -                                  | 1                         | 2.0                 |
| Saddlebag Glider     | <i>Tramea virginia</i>            | -                                  | 1                         | 3.0                 |
| <b>Butterfly</b>     |                                   | <b>No. of Species Recorded</b>     | <b>2</b>                  |                     |
| Great Egg-fly        | <i>Hypolimnas bolina kezia</i>    | -                                  | 1                         | 1.0                 |
| Common Mormon        | <i>Papilio polytes polytes</i>    | -                                  | 1                         | 3.0                 |

(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 survey (excluding the WRA).

Table J6. Summary of dragonfly (odonata) and butterfly monitoring in the WRA

| Common Name          | Scientific Name                      | Conservation Status <sup>(1)</sup> | September 2014            |                     |
|----------------------|--------------------------------------|------------------------------------|---------------------------|---------------------|
|                      |                                      |                                    | Occurrence <sup>(2)</sup> | Mean <sup>(3)</sup> |
| <b>Odonata</b>       |                                      | <b>No. of Species Recorded</b>     | <b>10</b>                 |                     |
| Lesser Emperor       | <i>Anax parthenope julius</i>        | -                                  | 1                         | 1.0                 |
| Common Flangetail    | <i>Ictinogomphus pertinax</i>        | -                                  | 1                         | 10.0                |
| Asian Amberwing      | <i>Brachythemis contaminata</i>      | -                                  | 1                         | 1.0                 |
| Crimson Darter       | <i>Crocothemis servilia servilia</i> | -                                  | 1                         | 1.0                 |
| Pied Percher         | <i>Neurothemis tullia tullia</i>     | -                                  | 1                         | 2.0                 |
| Green Skimmer        | <i>Orthetrum sabina sabina</i>       | -                                  | 1                         | 8.0                 |
| Pied Skimmer         | <i>Pseudothemis zonata</i>           | -                                  | 1                         | 3.0                 |
| Variegated Flutterer | <i>Rhyothemis variegata arria</i>    | -                                  | 1                         | 9.0                 |
| Saddlebag Glider     | <i>Tramea virginia</i>               | -                                  | 1                         | 1.0                 |
| Indigo Dropwing      | <i>Trithemis festiva</i>             | -                                  | 1                         | 1.0                 |
| <b>Butterfly</b>     |                                      | <b>No. of Species Recorded</b>     | <b>2</b>                  |                     |
| Mottled Emigrant     | <i>Catopsilia pyranthe pyranthe</i>  | -                                  | 1                         | 1.0                 |
| Common Grass Yellow  | <i>Eurema hecabe hecabe</i>          | -                                  | 1                         | 1.0                 |

(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.