

Appendix 10.7 Maximum Count of Reptile Species Recorded Within Survey Area

| Item No.     | Common Name         | Scientific Name                  | Chinese Name | Conservation and Protection Status <sup>1</sup>       | Distribution in Hong Kong <sup>2</sup>   | 500m Assessment Area |          |          |          |          | Habitat <sup>3</sup> |          |          |                            |          |          |          |          |
|--------------|---------------------|----------------------------------|--------------|---|--|----------------------|----------|----------|----------|----------|----------------------|----------|----------|----------------------------|----------|----------|----------|----------|
|              |                     |                                  |              |   |  | MWL                  | FSW      | PL       | S/G      | WC       | RE                   | AL       | DA       | Project Area (Aboveground) |          |          |          |          |
|              |                     |                                  |              |   |  | MWL                  | PL       | S/G      | WC       | DA       | MWL                  | PL       | S/G      | WC                         | DA       |          |          |          |
| 1            | Red-eared Slider    | <i>Trachemys scripta</i>         | 巴西龜          | -   | Widely distributed and commonly found in reservoirs or ponds in urban parks.   |                      |          |          |          |          | 1                    |          |          |                            |          |          |          |          |
| 2            | Changeable Lizard   | <i>Calotes versicolor</i>        | 變色樹蜥         | -   | Widely distributed throughout Hong Kong.   |                      |          | 1        |          |          |                      |          |          |                            |          | 1        |          |          |
| 3            | Blue-tailed Skink   | <i>Plestiodon quadrilineatus</i> | 四綫石龍子        | -   | Distributed in woodlands on Lantau Island, Hong Kong Island, Po Toi, Lung Kwu Chau.  |                      |          | 1        |          |          |                      |          |          |                            |          |          |          |          |
| 4            | Indian Forest Skink | <i>Sphenomorphus indicus</i>     | 銅蜓蜥          | Fellowes: LC  | Distributed in woodlands in eastern and central New Territories.   | 1                    |          |          |          |          |                      |          |          |                            |          |          |          |          |
| 5            | Chinese Gecko       | <i>Gekko chinensis</i>           | 壁虎           | -   | Widely distributed throughout Hong Kong.   | 1                    |          | 2        |          |          |                      |          |          | 1                          | 1        |          |          |          |
| 6            | Bowring's Gecko     | <i>Hemidactylus bowringii</i>    | 原尾蜥虎         | -   | Distributed throughout Hong Kong.  | 5                    |          | 1        | 1        | 1        |                      |          | 1        | 3                          | 1        | 1        |          | 1        |
| 7            | Copperhead Racer    | <i>Coelognathus radiatus</i>     | 三索錦蛇         | Fellowes: PRC; RLCV(EN); CRDB: EN                     | Widely distributed throughout Hong Kong.   |                      |          |          |          | 1        |                      |          |          |                            |          |          |          |          |
| 8            | Common Wolf Snake   | <i>Lycodon aulicus</i>           | 白環蛇          | RLCV(NT)  | Widely distributed at low elevations throughout Hong Kong Island, Lantau Island and Lamma Island. Several individuals recorded in New Territories. | 1                    |          |          |          |          |                      |          |          |                            |          |          |          |          |
| 9            | Common Rat Snake    | <i>Ptyas mucosus</i>             | 滑鼠蛇          | Cap.586; Fellowes: PRC; RLCV(EN); CRDB: EN; CITES(II) | Widely distributed throughout Hong Kong.   |                      |          |          |          | 1        |                      |          |          |                            |          |          |          |          |
| 10           | Many-banded Krait   | <i>Bungarus multicinctus</i>     | 銀環蛇          | Fellowes: PRC; RLCV(EN); CRDB: VU                     | Common and widely distributed in Hong Kong.  | 1                    |          |          |          |          |                      |          |          |                            |          |          |          |          |
| <b>TOTAL</b> |                     |                                  |              |   |  | <b>5</b>             | <b>1</b> | <b>3</b> | <b>2</b> | <b>3</b> | <b>1</b>             | <b>0</b> | <b>1</b> | <b>2</b>                   | <b>2</b> | <b>2</b> | <b>0</b> | <b>1</b> |

Notes:

1. Conservation and Protection Status:

a. Cap. 586: Protection of Endangered Species of Animals and Plants Ordinance

b. Fellowes - Fellowes et al. (2002): PRC = Potential Regional Concern

Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.

c. RLCV - Red List of China's Vertebrate (2016): NT = Near Threatened, EN: Endangered

d. CRDB - China Red Data Book (1998): VU = Vulnerable, EN: Endangered

e. CITES - Under Appendix (I), Appendix (II) or Appendix (III) of Convention on International Trade in Endangered Species of Wild Flora and Fauna

2. Distribution as per AFCD database. Available at <https://bih.gov.hk/en/home/index.html>

3. Habitats: MWL = Mixed Woodland, FSW = Fung Shui Woodland, S/G = Shrubland/Grassland, WC = Watercourse, RE = Reservoir, DA = Developed Area, PL = Plantation (Project Site), AL = Agricultural Land

4. References:

AFCD. 2022. Hong Kong Biodiversity Information Hub. Accessed from <<https://bih.gov.hk/en/home/index.html>> in Feb 2022.

Fellowes et al. 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.

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|----------|-------------|-----------------|--------------|---|--|----------------------|-----|----|----------------------|----|----|----------------------------|----|-----|----|
|          |             |                 |              |   |  | MWL                  | FSW | PL | S/G                  | WC | RE | AL                         | DA | MWL | PL |

Jiang *et al.* 2016. Red List of China's Vertebrates. Biodiversity Science: 24 (5) 500-551.

IUCN. (2022). The IUCN Red List of Threatened Species (Version 2022-1). Accessed from <<http://www.iucnredlist.org>> in Jan 2022.

Zhao, E. 1998. China Red Data Book of Endangered Animals: Amphibia and Reptilia. Science Press. Beijing, China. 330pp.