**Table. S1.** List of specimens collected during the Shenzhen surveys

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Species | Catalogue number  | Locality in Shenzhen | Collection date | Collector |
| *Nanhaipotamon hongkongense* | SYSBM 001780-001783 | Yantian | 08.2018 | C. Huang |
|  | SYSBM 001946-001951 | Dapeng | 06.2019 | C. Huang |
|  |  |  |  |  |
| *Nanhaipotamon aculatum* | SYSBM 001176, 001179 | Bao’an | 09.2013 | C. Huang |
|  | SYSBM 001959-001960 | Bao’an | 06.2019 | C. Huang |
|  | SYSBM 001981 | Nanshan | 09/2019 | Y.L. Li |
| *Megapleonum shenzhen* **sp. nov.** | SYSBM 001983-001987 | Longgang | 11.2018 | C. Huang |
|  | SYSBM 001988 | Yantian | 11.2018 | C. Huang |
|  | SYSBM 001989-001991 | Yantian | 08.2018 | C. Huang |
|  | AM P105613 | Yantian | 08.2018 | C. Huang |
| *Cryptopotamon anacoluthon* | SYSBM 001096-001103 | Luohu | 06.2013 | C. Huang |
| *Somanniathelphusa zanklon* | SYSBM 101008-101011 | Unknown | 08.2015 | Local |
| *Chiromantes haematocheir* | SYSBM 2019.03-2019.04 | Dapeng | 06.2019 | C. Huang |
| *Macrobrachium formosense* | SYSBM 2019.02 | Dapeng | 06.2019 | C. Huang |
| *Macrobrachium fukienense* | SYSBM 2019.21-2019.22 | Longgang | 08.2019 | C. Huang |
| *Macrobrachium* aff. *inflatum* | SYSBM 2019.26 | Dapeng | 09.2019 | C. Huang |
| *Macrobrachium lar* | SYSBM 2019.01 | Dapeng | 06.2019 | C. Huang |
| *Macrobrachium laevis* | SYSBM 2019.23-2019.25 | Longgang | 08.2019 | C. Huang |
| *Macrobrachium vietnamiense* | SYSBM 2019.18-2019.20 | Bao’an | 06.2019 | C. Huang |
| *Caridina serrata* | SYSBM 2019.17-2019.20 | Dapeng | 06.2019 | C. Huang |
| *Caridina cantonensis*  | SYSBM 2019.07-16 | Dapeng | 06.2019 | C. Huang |
| *Caridina grandirostris* | SYSBM 2019.06 | Dapeng | 06.2019 | C. Huang |