

**APPENDIX 8M**

**Aquatic fauna recorded  
from three-layer gill net  
within the Study Area**

**Appendix 8M Aquatic fauna recorded from three-layer gill net within the Study Area**

| Location                 | Common Name       | Species Name                 | Body length<br>(mm) | Total length<br>(mm) | Carapace length<br>(mm) |
|--------------------------|-------------------|------------------------------|---------------------|----------------------|-------------------------|
| <b>Tai O Creek</b>       |                   |                              |                     |                      |                         |
| <b>Wet season</b>        |                   |                              |                     |                      |                         |
| 1                        | Mud crab          | <i>Scylla serrata</i>        | -                   | -                    | 78                      |
|                          | Rabbitfish        | <i>Siganus canaliculatus</i> | 107                 | 120                  | -                       |
|                          | Mullet            | <i>Mugil affinis</i>         | 143                 | 156                  | -                       |
| 2                        | Rabbitfish        | <i>Siganus canaliculatus</i> | 94                  | 106                  | -                       |
|                          | Mullet            | <i>Mugil affinis</i>         | 106                 | 1.9                  | -                       |
| 3                        | Striped eel       | <i>Plotosus lineatus</i>     | 155                 | 162                  | -                       |
|                          | Prawn             | <i>Penaeus penicillatus</i>  | 96                  | -                    | 26                      |
| 4                        | Sillago           | <i>Sillago sihama</i>        | 119                 | 132                  | -                       |
|                          | Japanese Flathead | <i>Inegocia japonica</i>     | 188                 | 204                  | -                       |
|                          | Mullet            | <i>Mugil affinis</i>         | 106                 | 117                  | -                       |
|                          | Rabbitfish        | <i>Siganus canaliculatus</i> | 89                  | 102                  | -                       |
|                          | Rabbitfish        | <i>Siganus canaliculatus</i> | 106                 | 110                  | -                       |
|                          | Rabbitfish        | <i>Siganus canaliculatus</i> | 95                  | 107                  | -                       |
|                          | Mojarras          | <i>Gerres lucida</i>         | 106                 | 111                  | -                       |
| <b>Dry season</b>        |                   |                              |                     |                      |                         |
| 1                        | -                 | -                            | -                   | -                    | -                       |
| 2                        | Japanese Flathead | <i>Inegocia japonica</i>     | 182                 | 200                  | -                       |
|                          | Mullet            | <i>Mugil affinis</i>         | 124                 | 132                  | -                       |
|                          | Mullet            | <i>Mugil affinis</i>         | 107                 | 115                  | -                       |
|                          | Mojarras          | <i>Gerres lucida</i>         | 96                  | 101                  | -                       |
|                          | Ponyfish          | <i>Leiognathus daura</i>     | 72                  | 85                   | -                       |
|                          | Ponyfish          | <i>Leiognathus daura</i>     | 68                  | 78                   | -                       |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 96                  | -                    | 25                      |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 95                  | -                    | 24                      |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 85                  | -                    | 22                      |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 86                  | -                    | 22                      |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 87                  | -                    | \                       |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 95                  | -                    | 24                      |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 79                  | -                    | 19                      |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 78                  | -                    | 19                      |
| 3                        | Mullet            | <i>Mugil affinis</i>         | 106                 | 118                  | -                       |
|                          | Mojarras          | <i>Gerres lucida</i>         | 69                  | 76                   | -                       |
|                          | Ponyfish          | <i>Leiognathus daura</i>     | 67                  | 75                   | -                       |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 78                  | -                    | 18                      |
| 4                        | Mullet            | <i>Mugil affinis</i>         | 109                 | 119                  | -                       |
|                          | Goby              | <i>Glossogobius sp.</i>      | 111                 | 125                  | -                       |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 85                  | -                    | 20                      |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 80                  | -                    | 18                      |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 86                  | -                    | 22                      |
|                          | Penaeid shrimp    | <i>Penaeus penicillatus</i>  | 88                  | -                    | \                       |
|                          | Mud crab          | <i>Scylla serrata</i>        | \                   | -                    | 115                     |
| <b>Tai O<br/>Reedbed</b> |                   |                              |                     |                      |                         |
| <b>Wet season</b>        |                   |                              |                     |                      |                         |
| 5 (Replicate 1)          | Mullet            | <i>Mugil affinis</i>         | 122                 | 138                  | -                       |

|                   |          |                                |     |     |   |
|-------------------|----------|--------------------------------|-----|-----|---|
|                   | Mullet   | <i>Mugil affinis</i>           | 104 | 116 | - |
|                   | Mojarra  | <i>Gerres lucida</i>           | 84  | 88  | - |
|                   | Ponyfish | <i>Leiognathus daura</i>       | 59  | 64  | - |
| <hr/>             |          |                                |     |     |   |
| 5 (Replicate 2)   | Tilapia  | <i>Oreochromis mossambicus</i> | 186 | 230 | - |
|                   | Tilapia  | <i>Oreochromis mossambicus</i> | 123 | 141 | - |
|                   | Mullet   | <i>Mugil affinis</i>           | 103 | 116 | - |
|                   | Ponyfish | <i>Leiognathus daura</i>       | 60  | 65  | - |
|                   | Ponyfish | <i>Leiognathus daura</i>       | 55  | 59  | - |
|                   | Seabream | <i>Acanthopagrus australis</i> | 88  | 99  | - |
| <hr/>             |          |                                |     |     |   |
| 5 (Replicate 1)   | Tilapia  | <i>Oreochromis mossambicus</i> | 150 | 188 | - |
|                   | Tilapia  | <i>Oreochromis mossambicus</i> | 121 | 146 | - |
|                   | Tilapia  | <i>Oreochromis mossambicus</i> | 85  | 96  | - |
|                   | Mojarra  | <i>Gerres lucida</i>           | 70  | 82  | - |
|                   | Mojarra  | <i>Gerres lucida</i>           | 67  | 78  | - |
|                   | Ponyfish | <i>Leiognathus daura</i>       | 55  | 62  | - |
| <hr/>             |          |                                |     |     |   |
| <b>Dry season</b> |          |                                |     |     |   |
| 5 (Replicate 2)   | Tilapia  | <i>Oreochromis mossambicus</i> | 94  | 114 | - |
|                   | Mullet   | <i>Mugil affinis</i>           | 110 | 124 | - |
|                   | Mullet   | <i>Mugil affinis</i>           | 96  | 105 | - |
| <hr/>             |          |                                |     |     |   |