

### Additional results Part VI

List of protozoan and metazoan parasites of European eel (*Anguilla anguilla*) in partner countries based on data from the Work Package 3 database on European eel habitats and relevant literature

**Table 1.** List of protozoan and metazoan parasites of European eel (*Anguilla anguilla*) recorded in partner countries

| Parasite                      | Infection site         | Habitat type | Country | Site  | P%     |
|-------------------------------|------------------------|--------------|---------|---|--------|
| <b>Apicomplexa</b>            |                        |              |         |   |        |
| <i>Eimeria anguillae</i>      | Intestine              | Lagoon       | Spain   | L'Encanyissada (includes Clot and Noria)                      | 9.06   |
|                               |                        | Lagoon       | Spain   | La Tancada, Bassa dels Ouls y Antigues Salines de Sant Antoni | 7.69   |
| <b>Myxozoa</b>                |                        |              |         |   |        |
| <i>Myxidium</i> sp.           | Gill, skin             | Lagoon       | Spain   | L'Albufera de Valencia  | 77.08  |
| <i>Myxidium giardi</i>        | Gill, skin             | Lagoon       | Spain   | L'Encanyissada (includes Clot and Noria)                      | 30.12  |
|                               |                        | Lagoon       | Spain   | La Tancada, Bassa dels Ouls y Antigues Salines de Sant Antoni | 17.95  |
|                               |                        | Lagoon       | Spain   | Canal Vell  | 13.89  |
|                               |                        | Lagoon       | Algeria | Mellah  | 81.72  |
|                               |                        | Estuary      | Egypt   | Nile Delta  | 3.1    |
| <i>Myxobolus</i> sp.          | Fin, intestine, kidney | Lagoon       | Spain   | L'Encanyissada (includes Clot and Noria)                      | 14.72  |
|                               |                        | Lagoon       | Spain   | La Tancada, Bassa dels Ouls y Antigues Salines de Sant Antoni | 7.69   |
| <b>Ciliophora</b>             |                        |              |         |   |        |
| <i>Glossatella</i> spp.       | Skin, Gill             | Lagoon       | Albania | ND  | 2.23   |
| <i>Trichodina pediculus</i>   | Gill                   | Lagoon       | Spain   | L'Encanyissada (includes Clot and Noria)                      | 0.02   |
| <i>Trichodina epizootica</i>  | Gill, Skin             | Estuary      | Egypt   | Nile Delta  | 4.6    |
| <b>Monogenea</b>              |                        |              |         |   |        |
| <i>Dactylogyru</i> sp.        | Gill                   | Estuary      | Egypt   | Nile Delta  | 6.1    |
| <i>Gyrodactylus</i> spp.      | Gill                   | Lagoon       | Albania | ND  | 12.38  |
| <i>Gyrodactylus anguillae</i> | Gill                   | Lagoon       | Italy   | Figheri   | 3.00   |
| <i>Pseudodactylogyrus</i> sp. | Gill                   | Lagoon       | France  | Salses-Leucate  | 10.00  |
|                               |                        | Lagoon       | France  | Bages-Sigean  | 9.00   |
|                               |                        | Lagoon       | France  | Vendres   | 100.00 |
|                               |                        | Lagoon       | France  | Thau  | 0.00   |

|                                     |           |         |         |   |       |
|-------------------------------------|-----------|---------|---------|---|-------|
|                                     |           | Lagoon  | France  | Or  | 63.00 |
|                                     |           | Lagoon  | France  | Gruissan Complex  | 50.00 |
|                                     |           | Lagoon  | France  | Palavas Complex   | 31.00 |
|                                     |           | Lagoon  | France  | Petite Camargue   | 75.00 |
|                                     |           | Lagoon  | France  | Canet   | 0.00  |
|                                     |           | Lagoon  | France  | Vaccares  | 90.91 |
|                                     |           | Lagoon  | France  | Grau du roi   | 81.25 |
|                                     |           | Lagoon  | Italy   | Aquatina  | 4.8   |
|                                     |           | Lagoon  | Italy   | Figheri   | 54.5  |
|                                     |           | Lagoon  | Tunisia | Ichkeul   | 14.6  |
|                                     |           | Estuary | Algeria | Mafragh   | 80.00 |
|                                     |           | Lagoon  | Algeria | Mellah  | 0.55  |
|                                     |           | Lake    | Algeria | Oubeira   | 14.49 |
|                                     |           | Lake    | Algeria | Tonga   | 80.00 |
|                                     |           | Lake    | Türkiye | Köyceğiz Gölü   | 82.19 |
| <i>Pseudodactylogyrus anguillae</i> | Gill      | Lagoon  | Spain   | L'Encanyissada (includes Clot and Noria)                      | 75.90 |
|                                     |           | Lagoon  | Spain   | La Tancada, Bassa dels Ouls y Antigues Salines de Sant Antoni | 84.62 |
|                                     |           | Lagoon  | Spain   | Canal Vell  | 1.26  |
|                                     |           | Estuary | Egypt   | Nile Delta  | 7.7   |
| <b>Digenea</b>                      |           |         |         |   |       |
| <i>Bucephalus</i> sp.               | Intestine | Lagoon  | France  | Salses-Leucate  | 16.67 |
|                                     |           | Lagoon  | France  | Bages-Sigean  | 10.34 |
| <i>Bucephalus anguillae</i>         | Intestine | Lagoon  | Italy   | Comaccio  | 2.4   |
|                                     |           | Lagoon  | Italy   | Aquatina  | 47.6  |
|                                     |           | Lagoon  | Italy   | Figheri   | 45.4  |
|                                     |           | Lagoon  | Spain   | Mar Menor   | 60    |
|                                     |           | Lagoon  | Tunisia | Bizerte   | 11.8  |
|                                     |           | Lagoon  | Tunisia | Ghar El Melh  | 38.00 |
|                                     |           | Lagoon  | Tunisia | Ichkeul   | 2.2   |
|                                     |           | Lagoon  | Tunisia | Tunis Lagoon  | 2.4   |
|                                     |           | Estuary | Algeria | Mafragh   | 2.00  |
|                                     |           | Lagoon  | Algeria | Mellah  | 47.31 |
|                                     |           | Lake    | Algeria | Oubeira   | 5.55  |
|                                     |           | Lake    | Türkiye | Köyceğiz Gölü   | 15.07 |
| <i>Deropristis inflata</i>          | Intestine | Lagoon  | France  | Salses-Leucate  | 44.44 |
|                                     |           | Lagoon  | France  | Bages-Sigean  | 81.82 |
|                                     |           | Lagoon  | France  | Thau  | 94.12 |

|                                     |           |         |         |   |        |
|-------------------------------------|-----------|---------|---------|---|--------|
|                                     |           | Lagoon  | France  | Palavas Complex   | 86.36  |
|                                     |           | Lagoon  | France  | Vaccares  | 45.45  |
|                                     |           | Lagoon  | France  | Pierre blanche  | 83.33  |
|                                     |           | Lagoon  | France  | Grau du roi   | 100.00 |
|                                     |           | Lagoon  | Italy   | Comaccio  | 73.8   |
|                                     |           | Lagoon  | Italy   | Aquatina  | 19.00  |
|                                     |           | Lagoon  | Italy   | Figheri   | 93.9   |
|                                     |           | Lagoon  | Spain   | Mar Menor   | 67     |
|                                     |           | Lagoon  | Spain   | La Tancada, Bassa dels Ouls y Antigues Salines de Sant Antoni | 41.03  |
|                                     |           | Lagoon  | Spain   | Canal Vell  | 1.13   |
|                                     |           | Lagoon  | Tunisia | Bizerte   | 11.8   |
|                                     |           | Lagoon  | Tunisia | Ghar El Melh  | 58.3   |
|                                     |           | Lagoon  | Tunisia | Ichkeul   | 51.00  |
|                                     |           | Lagoon  | Tunisia | Tunis Lagoon  | 81.9   |
|                                     |           | Lagoon  | Algeria | Mellah  | 9.68   |
| <i>Helicometra</i> sp.              | Intestine | Lagoon  | France  | Salses-Leucate  | 11.11  |
|                                     |           | Lagoon  | France  | Bages-Sigean  | 4.55   |
|                                     |           | Lagoon  | France  | Pierre blanche  | 16.67  |
|                                     |           | Lagoon  | France  | Grau du roi   | 6.25   |
| <i>Helicometra fasciata</i>         | Intestine | Lagoon  | Italy   | Comaccio  | 73.8   |
| <i>Plagioporus</i> spp.             | Intestine | Lagoon  | Albania | ND  | 9.5    |
| <i>Prosorhynchus aculeatus</i>      | Intestine | Lagoon  | France  | Salses-Leucate  | 39.29  |
|                                     |           | Lagoon  | France  | Bages-Sigean  | 4.55   |
|                                     |           | Lagoon  | France  | Palavas Complex   | 4.55   |
|                                     |           | Lagoon  | Tunisia | Bizerte   | 14.8   |
| <b>Cestoda</b>                      |           |         |         |   |        |
| <i>Bothriocephalus</i> sp.          | Intestine | Lagoon  | Spain   | L'Albufera de Valencia  | 9.37   |
| <i>Bothriocephalus claviceps</i>    | Intestine | Lagoon  | Spain   | L'Encanyissada (includes Clot and Noria)                      | 1.40   |
|                                     |           | Estuary | Algeria | Mafragh   | 10.00  |
|                                     |           | Lagoon  | Algeria | Mellah  | 0.30   |
|                                     |           | Lake    | Algeria | Oubeira   | 32.91  |
|                                     |           | Lake    | Algeria | Tonga   | 26.00  |
| <i>Ligula intestinalis</i>          | Intestine | Estuary | Algeria | Mafragh   | 2.00   |
|                                     |           | Lake    | Algeria | Oubeira   | 1.38   |
| <i>Parabothriocephalus gracilis</i> | Intestine | Lake    | Algeria | Oubeira   | 0.55   |
|                                     | Intestine | Estuary | Algeria | Mafragh   | 7.49   |

|                                      |           |                       |         |  |       |
|--------------------------------------|-----------|-----------------------|---------|--|-------|
| <i>Parabothriocephalus psenopsis</i> |           | Lake                  | Algeria | Oubeira                                  | 4.16  |
| <i>Proteocephalidae</i> (larvae)     | Intestine | Lagoon                | Spain   | Mar Menor                                | 2     |
| <i>Proteocephalus</i> sp.            | Intestine | Lagoon                | Spain   | L'Albufera de Valencia                   | 6.25  |
| <i>Proteocephalus macrocephalus</i>  | Intestine | Lagoon                | Italy   | Figheri                                  | 9.1   |
|                                      |           | Lagoon                | Spain   | L'Encanyissada (includes Clot and Noria) | 2.10  |
|                                      |           | Lagoon                | Spain   | Canal Vell                               | 0.23  |
|                                      |           | Lagoon                | Tunisia | Ichkeul                                  | 16.8  |
|                                      |           | Estuary               | Egypt   | Nile Delta                               | 1.5   |
| <i>Scolex pleuronectis</i> (larvae)  | Intestine | Lagoon                | Tunisia | Ichkeul                                  | 4.3   |
| <b>Nematoda</b>                      |           |                       |         |  |       |
| <i>Camallanus lacustris</i>          | Intestine | Estuary               | Algeria | Mafragh                                  | 2.00  |
|                                      |           | Lagoon                | Albania | ND                                       | 3.23  |
| <i>Capillaria brevispicula</i>       | Intestine | Lagoon                | Albania | ND                                       | 7.52  |
| <i>Contraeaecum</i> sp. (larvae)     | Intestine | Lagoon                | Italy   | Comaccio                                 | 9.8   |
|                                      |           | Lagoon                | Italy   | Aquatina                                 | 61.9  |
|                                      |           | Lagoon                | Italy   | Figheri                                  | 69.7  |
|                                      |           | Lagoon                | Spain   | Mar Menor                                | 46    |
|                                      |           | Lagoon                | Tunisia | Ghar El Melh                             | 13.00 |
|                                      |           | Lagoon                | Tunisia | Ichkeul                                  | 20.9  |
|                                      |           | Lagoon                | Tunisia | Tunis Lagoon                             | 38.7  |
| <i>Cosmophalus obvelatus</i>         | Intestine | Lagoon                | Italy   | Comaccio                                 | 4.8   |
| <i>Cucullanus</i> sp.                | Intestine | Estuary               | Algeria | Mafragh                                  | 4.30  |
|                                      |           | Lake                  | Algeria | Oubeira                                  | 3.60  |
| <i>Pseudoterranova decipiens</i>     | Intestine | Lake                  | Algeria | Oubeira                                  | 41.10 |
| <i>Hysterothylacium</i> sp.          | Intestine | Lake                  | Algeria | Oubeira                                  | 53.56 |
| <i>Lasiotocus longicystis</i>        | Intestine | Lagoon                | Tunisia | Bizerte                                  | 2.10  |
| <i>Lecithchirium priacanthi</i>      | Intestine | Coastal marine waters | Egypt   | Alexandria                               | 40    |
| <i>Lecithochirium gravidum</i>       | Intestine | Lagoon                | France  | Salses-Leucate                           | 83.33 |
|                                      |           | Lagoon                | France  | Bages-Sigean                             | 22.73 |
|                                      |           | Lagoon                | France  | Pierre blanche                           | 83.33 |
|                                      |           | Lagoon                | France  | Grau du roi                              | 6.25  |

|                                 |             |         |         |                             |       |
|---------------------------------|-------------|---------|---------|-----------------------------|-------|
|                                 |             | Lagoon  | Tunisia | Bizerte                     | 14.8  |
|                                 |             | Lagoon  | Egypt   | Burullus                    | 41.66 |
| <i>Lecithochirium musculus</i>  | Intestine   | Lagoon  | Italy   | Comaccio                    | 69.00 |
|                                 |             | Lagoon  | Italy   | Aquatina                    | 4.8   |
|                                 |             | Lagoon  | Italy   | Figheri                     | 36.4  |
|                                 |             |         |         |                             |       |
| <i>Paraquimperia</i> sp.        | Intestine   | River   | Tunisia | Joumine                     |       |
| <i>Paraquimperia tenerrima</i>  | Intestine   | Estuary | Algeria | Mafragh                     | 4.99  |
|                                 |             | Lake    | Algeria | Oubeira                     | 1.66  |
| <i>Spinectus</i> sp.            | Intestine   | River   | Tunisia | Joumine                     | 6.60  |
| <i>Tertraphyllidea</i> (larvae) | Intestine   | Lagoon  | Italy   | Aquatina                    | 4.8   |
|                                 |             | Lagoon  | Tunisia | Bizerte                     | 29.5  |
|                                 |             | Lake    | Türkiye | Köyceğiz Gölü               | 1.37  |
| <i>Anguillicola crassus</i>     | Swimbladder | Lagoon  | France  | Salses-Leucate              | 17.00 |
|                                 |             | Lagoon  | France  | Bages-Sigean                | 30.00 |
|                                 |             | Lagoon  | France  | Vendres                     | 75.00 |
|                                 |             | Lagoon  | France  | Thau                        | 4.00  |
|                                 |             | Lagoon  | France  | Or                          | 25.00 |
|                                 |             | Lagoon  | France  | Gruissan Complex            | 69.00 |
|                                 |             | Lagoon  | France  | Palavas Complex             | 25.00 |
|                                 |             | Lagoon  | France  | Petite Camargue             | 50.00 |
|                                 |             | Lagoon  | France  | Canet                       | 38.80 |
|                                 |             | River   | France  | Berre                       | 33.30 |
|                                 |             | Lagoon  | France  | Biguglia                    | 55.00 |
|                                 |             | Lagoon  | France  | Urbino                      | 12.90 |
|                                 |             | Lagoon  | France  | Vaccares                    | 77.27 |
|                                 |             | Lagoon  | France  | Pierre blanche              | 5.04  |
|                                 |             | Lagoon  | France  | Grau du roi                 | 75.00 |
|                                 |             | Estuary | France  | Furemorte                   | 69.19 |
|                                 |             | Lagoon  | Greece  | Amvrakikos Lagoon           | 0.64  |
|                                 |             | Lagoon  | Greece  | Prokopou Lagoon             | 0.18  |
|                                 |             | Lagoon  | Greece  | Porto Lagos Lagoon          | 0.70  |
|                                 |             | Lagoon  | Greece  | Lakee Vistonida             | 0.71  |
|                                 |             | Estuary | Greece  | RiverEvros Riverer estuary  | 0.20  |
|                                 |             | Lagoon  | Greece  | Klisova Lagoon              | 0.37  |
|                                 |             | Lagoon  | Greece  | Messolonghi-Aitoliko Lagoon | 0.17  |
|                                 |             | Lake    | Italy   | Bolsena                     | 57.10 |
|                                 |             | Lagoon  | Italy   | Lesina                      | 30.30 |
|                                 |             | River   | Italy   | Tevere                      | 76.40 |

|                                   |           |         |         |   |        |
|-----------------------------------|-----------|---------|---------|---|--------|
|                                   |           | Lagoon  | Italy   | Fogliano  | 0.00   |
|                                   |           | Lagoon  | Italy   | Capolace  | 0.00   |
|                                   |           | Lagoon  | Italy   | Comaccio  | 5.60   |
|                                   |           | Lagoon  | Italy   | Monaci  | 0.00   |
|                                   |           | Lagoon  | Italy   | Burano  | 37.40  |
|                                   |           | Lagoon  | Italy   | Aquatina  | 0.00   |
|                                   |           | Lagoon  | Italy   | Figheri   | 9.10   |
|                                   |           | Lagoon  | Italy   | St. Gilla   | 0.00   |
|                                   |           | Estuary | Spain   | Palmores  | 100.00 |
|                                   |           | Estuary | Spain   | Guadalhorce   | 100.00 |
|                                   |           | Estuary | Spain   | Guadalfeo   | 90.00  |
|                                   |           | Lagoon  | Spain   | Mar Menor   | 3.40   |
|                                   |           | Lagoon  | Spain   | L'Albufera de Valencia  | 66.60  |
|                                   |           | Lagoon  | Spain   | L'Encanyissada (includes Clot and Noria)                      | 21.30  |
|                                   |           | Lagoon  | Spain   | La Tancada, Bassa dels Ouls y Antigues Salines de Sant Antoni | 25.64  |
|                                   |           | Lagoon  | Spain   | Canal Vell  | 0.72   |
|                                   |           | Lagoon  | Tunisia | Bizerte   | 15.50  |
|                                   |           | Lagoon  | Tunisia | Ghar El Melh  | 3.66   |
|                                   |           | Lagoon  | Tunisia | Ichkeul   | 25.00  |
|                                   |           | River   | Tunisia | Joumine   | 0.00   |
|                                   |           | River   | Tunisia | Sejnane   | 20.00  |
|                                   |           | Lagoon  | Tunisia | Tunis Lagoon  | 0.00   |
|                                   |           | Estuary | Algeria | Mafragh   | 49.50  |
|                                   |           | Lagoon  | Algeria | Mellah  | 6.70   |
|                                   |           | Lake    | Algeria | Oubeira   | 45.74  |
|                                   |           | Lake    | Algeria | Tonga   | 40.00  |
|                                   |           | Lake    | Türkiye | Köyceğiz Gölü   | 39.73  |
|                                   |           | River   | Türkiye | Ceyhan Riverer  | 78.13  |
|                                   |           | River   | Türkiye | Asi Riverer   | 61.11  |
|                                   |           | River   | Türkiye | Goksu   | 60.70  |
|                                   |           | River   | Türkiye | Seyhan  | 75.00  |
|                                   |           | River   | Türkiye | Manavgat Riverer  | 63.60  |
|                                   |           | Estuary | Egypt   | Nile Delta  | 10.7   |
|                                   |           | Lagoon  | Egypt   | Burullus  | 54.1   |
| <b>Acanthocephala</b>             |           |         |         |   |        |
| <i>Acanthocephala</i><br>(larvae) | Intestine | Lagoon  | Italy   | Figheri   | 12.1   |

|                                  |           |         |         |                |       |
|----------------------------------|-----------|---------|---------|----------------|-------|
| <i>Acanthocephalus anguillae</i> | Intestine | Lagoon  | France  | Salses-Leucate | 3.57  |
| <i>Acanthocephalus clavula</i>   | Intestine | Lake    | Türkiye | Köyceğiz Gölü  | 6.85  |
| <i>Echinorhynchus</i> sp.        | Intestine | Estuary | Algeria | Mafragh        | 2.25  |
|                                  |           | Lake    | Algeria | Oubeira        | 0.27  |
| <b>Arthropoda</b>                |           |         |         |                |       |
| <i>Argulus</i> sp.               | Skin      | Lake    | Algeria | Tonga          | 2.00  |
| <i>Argulus foliaceus</i>         | Skin      | Lake    | Algeria | Oubeira        | 15.89 |
| <i>Ergasilus</i> sp.             | Gill      | Estuary | Algeria | Mafragh        | 14.00 |
|                                  |           | Lagoon  | Algeria | Mellah         | 11.83 |
|                                  |           | Lake    | Algeria | Tonga          | 1.11  |
| <i>Ergasilus lizae</i>           | Gill      | River   | Tunisia | Joumine        | 6.60  |
|                                  |           | Lake    | Türkiye | Köyceğiz Gölü  | 26.03 |
| <i>Ergasilus gibbus</i>          | Gill      | Lagoon  | Italy   | Figheri        | 3.00  |
|                                  |           | Lagoon  | Spain   | Canal Vell     | 0.59  |
|                                  |           | Lake    | Algeria | Oubeira        | 83.40 |
|                                  |           | Lake    | Türkiye | Köyceğiz Gölü  | 52.05 |
| <i>Gnathiidae</i> (larvae)       | Gill      | Lagoon  | Algeria | Mellah         | 4.30  |
| <b>Anellida</b>                  |           |         |         |                |       |
| <i>Batracobdella algira</i>      | Skin      | Lagoon  | Tunisia | Ghar El Melh   | 0.9   |