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Towards Cross-Border Fisheries Management: An Analysis of Fleet Structures and Species-Specific Regulatory Measures in the Aegean Sea

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Table S1. Species reported from Aegean Sea by the official statistical authorities of Greece and Türkiye. (+: Indicates that the species is reported).

| Species | Greece | Türkiye | Species | Greece | Türkiye |
|-----------------------------------|--------|---------|-------------------------------|--------|---------|
| <i>Fish</i> | | | <i>Fish</i> | | |
| <i>Anguilla anguilla</i> | + | | <i>Pagellus acarne</i> | + | |
| <i>Argyrosomus regius</i> | | + | <i>Pagellus erythrinus</i> | + | + |
| <i>Atherina boyeri</i> | + | + | <i>Pagrus caeruleostictus</i> | | + |
| <i>Auxis rochei</i> | + | + | <i>Pagrus pagrus</i> | + | + |
| <i>Belone belone</i> | + | + | <i>Phycis blennoides</i> | | + |
| <i>Boops boops</i> | + | + | <i>Pleuronectes spp.</i> | | + |
| <i>Caranx rhonchus</i> | + | | <i>Polyprion americanus</i> | + | |
| <i>Chelidonichthys lastoviza</i> | | + | <i>Pomatomus saltatrix</i> | + | + |
| <i>Dentex dentex</i> | + | + | <i>Psetta maxima</i> | + | |
| <i>Dentex macrophthalmus</i> | + | + | <i>Raja clavata</i> | + | |
| <i>Dicentrarchus labrax</i> | + | + | <i>Sarda sarda</i> | + | + |
| <i>Diplodus annularis</i> | + | + | <i>Sardina pilchardus</i> | + | + |
| <i>Diplodus puntazzo</i> | | + | <i>Sardinella aurita</i> | + | + |
| <i>Diplodus sargus</i> | + | + | <i>Sarpa salpa</i> | + | + |
| <i>Diplodus vulgaris</i> | | + | <i>Scomberesox saurus</i> | | + |
| <i>Engraulis encrasicolus</i> | + | + | <i>Scomber colias</i> | + | + |
| <i>Epinephelus aeneus</i> | | + | <i>Scomber scombrus</i> | + | + |
| <i>Epinephelus alexandrinus</i> | + | | <i>Scorpaena scrofa</i> | | + |
| <i>Epinephelus marginatus</i> | + | + | <i>Scorpaena porcus</i> | | + |
| <i>Euthynnus alletteratus</i> | + | + | <i>Scorpaenidae</i> | + | |
| <i>Gobius paganellus</i> | | + | <i>Seriola dumerili</i> | + | |
| <i>Lepidorhombus whiffiagonis</i> | + | | <i>Serranus spp.</i> | + | + |
| <i>Lichia amia</i> | | + | <i>Solea solea</i> | + | + |
| <i>Lithognathus mormyrus</i> | + | + | <i>Sparus aurata</i> | + | + |
| <i>Lophius spp.</i> | + | + | <i>Sphyraena sphyraena</i> | | + |
| <i>Merlangius merlangus</i> | + | + | <i>Spicara maena</i> | + | |
| <i>Merluccius merluccius</i> | + | + | <i>Spicara smaris</i> | + | + |
| <i>Micromesistius poutassou</i> | + | | <i>Spondylisoma cantharus</i> | + | |
| <i>Mugilidae</i> | + | + | <i>Sprattus sprattus</i> | + | |
| <i>Mullus barbatus</i> | + | + | <i>Squalidae</i> | + | |
| <i>Mullus surmuletus</i> | + | + | <i>Thunnus alalunga</i> | + | + |
| <i>Mustelus spp.</i> | + | + | <i>Thunnus thynnus</i> | | + |
| <i>Oblada melanura</i> | + | + | <i>Trachinus draco</i> | + | |

Continued

Table S1 continued

| Species | Greece | Türkiye | Species | Greece | Türkiye |
|--|--------|---------|-----------------------------------|--------|---------|
| <i>Fish</i> | | | <i>Fish</i> | | |
| <i>Trachurus mediterraneus</i> | + | + | Other decapods | + | |
| <i>Trachurus trachurus</i> | | + | Cephalopods | | |
| <i>Trigla lyra</i> | | + | <i>Eledone moschata</i> | + | |
| <i>Triglidae</i> | + | + | <i>Loliginidae, Ommastrepidae</i> | + | |
| <i>Umbrina cirrosa</i> | + | + | <i>Loligo</i> spp. | + | + |
| <i>Upeneus moluccensis</i> | | + | <i>Octopus vulgaris</i> | + | + |
| <i>Xiphias gladius</i> | + | + | <i>Sepia officinalis</i> | + | + |
| <i>Zeus faber</i> | + | + | Molluscs | | |
| Other fish species | + | + | <i>Chamelea gallina</i> | | + |
| Crustaceans | | | <i>Donax trunculus</i> | + | |
| <i>Aristaeomorpha foliacea</i> and <i>Aristeus antennatus</i> | | + | <i>Flexopecten glaber</i> | + | |
| <i>Carcinus aestuarii</i> | + | | <i>Holothuria</i> spp | | + |
| <i>Hommarus gammarus</i> | + | + | <i>Mytilus galloprovincialis</i> | + | + |
| <i>Metapenaeus monoceros</i> | | + | <i>Ostrea edulis</i> | + | + |
| <i>Natantia</i> | + | | <i>Pecten jacobaeus</i> | | + |
| <i>Nephrops norvegicus</i> | + | + | <i>Rapana venosa</i> | | + |
| <i>Palinurus elefas</i> | | + | <i>Veneridae</i> | | + |
| <i>Parapenaeus longirostris</i> | | + | Other molluscs | + | + |
| <i>Penaeus kerathurus</i> | + | + | | | |
| <i>Penaeus semisulcatus</i> | | + | | | |

Table S2. Closed seasons for species in Greece and Turkish Legislations.

| Taxa | | Greece | Turkish |
|----------------------------------|-------------------------------|---------------------------|---|
| Scientific Name | Common name | | |
| Fish | | | |
| <i>Coryphaena hippurus</i> | Common dolphinfish | - | 1 January - 14 August |
| <i>Epinephelus aeneus</i> | White grouper | - | 1 June - 31 August |
| <i>Lichia amia</i> | Leerfish | - | 15 April - 15 May |
| <i>Platichthys flesus</i> | European flounder | - | 15 December – 31 January |
| <i>Sarda sarda</i> | Atlantic bonito | - | 1 April - 31 August (15-31 August excluding set longlines) |
| <i>Solea solea</i> | Common sole | - | 15 December – 31 January |
| <i>Thunnus thynnus</i> | Atlantic bluefin tuna | 2 July - 14 May | 2 July - 14 May |
| <i>Xiphias gladius</i> | Swordfish | 1 October – 31 January | 15 February - 15 March 1 October - 30 November |
| Crustaceans | | | |
| <i>Callinectes sapidus</i> | Atlantic blue crab | - | 1 May - 30 September |
| <i>Homarus gammarus</i> | European lobster | 1 September - 31 December | 1 September -15 April |
| <i>Palinurus vulgaris</i> | European spiny lobster | - | 1 September -15 April |
| <i>Scyllarides latus</i> | Mediterranean slipper lobster | - | 15 June -15 April |
| Mollusc- Bivalves | | | |
| <i>Callista chione</i> | Brown venus | 1 April – 30 June | - |
| <i>Chamelea gallina</i> | Striped venus clam | 1 April – 31 October | 15 April - 30 September |
| <i>Donax trunculus</i> | Truncate donax | 1 April – 31 October | 15 April - 31 August |
| <i>Mytilus galloprovincialis</i> | Mediterranean mussel | 1 April – 31 October | 15 April - 30 June |
| <i>Ostrea edulis</i> | Edible oyster | 1 August – 31 March | 15 April - 31 August |
| <i>Pecten jacobaeus</i> | Scallop | 1 April – 31 October | 15 April - 31 August |
| <i>Ruditapes decussatus</i> | Clam | 1 April – 31 October | 15 April - 31 August |
| <i>Venus verrucosa</i> | Warty venus | 1 August – 31 October | 15 April - 31 August |
| Mollusc-Gastropod | | | |
| <i>Rapana venosa</i> | Rapa whelk | 1 April – 31 October | 15 April - 31 August |
| Cephalopods | | | |
| <i>Octopus vulgaris</i> | Octopus | | 15 April - 31 October |
| Holothuroidea | | | |
| <i>Holothuria</i> spp. | Sea cucumbers | 1 April – 31 October | 1 June -31 October |
| Florideae | | | |
| <i>Gracilaria</i> spp. | Moss | - | 1 April - 15 July |