

4. LIST OF SPECIES BY MAJOR FISHING AREAS

| SPECIES | PAGE | GEOGRAPHICAL DISTRIBUTION | | | | | | | | | | | | | | | | | | |
|--------------------------------|------|---------------------------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | FRESH-WATERS | MAJOR MARINE FISHING AREAS FOR STATISTICAL PURPOSES | | | | | | | | | | | | | | | | | |
| | | | 18 | 21 | 27 | 31 | 34 | 37 | 41 | 47 | 48 | 51 | 57 | 58 | 61 | 67 | 71 | 77 | 81 | 87 |
| <u>Aphareus furcatus</u> | 18 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |
| <u>Aphareus rutilans</u> | 19 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |
| <u>Aprion virescens</u> | 20 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |
| <u>Apsilus dentatus</u> | 22 | | | | ● | | | | | | | | | | | | | | | |
| <u>Apsilus fuscus</u> | 23 | | | | | ● | | | ● | | | | | | | | | | | |
| <u>Etelis carbunculus</u> | 26 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |
| <u>Etelis coruscans</u> | 27 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |
| <u>Etelis oculatus</u> | 28 | | | | ● | | | ● | | | | | | | | | | | | |
| <u>Etelis radiosus</u> | 29 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |
| <u>Hoplopagrus guntheri</u> | 30 | | | | | | | | | | | | | | | | ● | | | |
| <u>Lipocheilus carnolabrum</u> | 32 | | | | | | | | | | ● | ● | | ● | | ● | | | | |
| <u>Lutjanus adetii</u> | 52 | | | | | | | | | | | | | | | ● | | ● | | |
| <u>Lutjanus agennes</u> | 53 | | | | | ● | | | ● | | | | | | | | | | | |

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| | | FRESH- WATERS | MAJOR MARINE FISHING AREAS FOR STATISTICAL PURPOSES | | | | | | | | | | | | | | | | | | |
| | | | 18 | 21 | 27 | 31 | 34 | 37 | 41 | 47 | 48 | 51 | 57 | 58 | 61 | 67 | 71 | 77 | 81 | 87 | 88 |
| <u>Lutjanus ambiguus</u> | 54 | | | | ● | | | | | | | | | | | | | | | | |
| <u>Lutjanus analis</u> | 55 | | | | ● | | | ● | | | | | | | | | | | | | |
| <u>Lutjanus apodus</u> | 56 | | | | ● | | | ● | | | | | | | | | | | | | |
| <u>Lutjanus aratus</u> | 57 | | | | | | | | | | | | | | | ● | | | | | |
| <u>Lutjanus argentimaculatus</u> | 58 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | | |
| <u>Lutjanus argentiventris</u> | 60 | | | | | | | | | | | | | | | | ● | | ● | | |
| <u>Lutjanus bengalensis</u> | 61 | | | | | | | | | | ● | ● | | | | ● | | | | | |
| <u>Lutjanus biguttatus</u> | 62 | | | | | | | | | | ● | ● | | | | ● | | | | | |
| <u>Lutjanus bitaeniatus</u> | 63 | | | | | | | | | | | ● | | | | | | | | | |
| <u>Lutjanus bohar</u> | 64 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | | |
| <u>Lutjanus bouton</u> | 66 | | | | | | | | | | | ● | | ● | | ● | ● | | | | |
| <u>Lutjanus buccanella</u> | 67 | | | | ● | | | | | | | | | | | | | | | | |
| <u>Lutjanus campechanus</u> | 68 | | | | ● | | | | | | | | | | | | | | | | |
| <u>Lutjanus carponotatus</u> | 69 | | | | | | | | | | | ● | | | | ● | | | | | |

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| | | FRESH- WATERS | MAJOR MARINE FISHING AREAS FOR STATISTICAL PURPOSES | | | | | | | | | | | | | | | | | |
| | | | 18 | 21 | 27 | 31 | 34 | 37 | 41 | 47 | 48 | 51 | 57 | 58 | 61 | 67 | 71 | 77 | 81 | 87 |
| <u>Lutjanus</u> <u>coeruleolineatus</u> | 70 | | | | | | | | | | ● | | | | | | | | | |
| <u>Lutjanus</u> <u>colorado</u> | 71 | | | | | | | | | | | | | | | | | | | ● |
| <u>Lutjanus</u> <u>cyanopterus</u> | 72 | | | | ● | | | ● | | | | | | | | | | | | |
| <u>Lutjanus</u> <u>decussatus</u> | 73 | | | | | | | | | ● | ● | | ● | | | ● | | | | |
| <u>Lutjanus</u> <u>dentatus</u> | 74 | | | | | ● | | | ● | | | | | | | | | | | |
| <u>Lutjanus</u> <u>dodecacanthoides</u> | 75 | | | | | | | | | | | | | | | ● | | | | |
| <u>Lutjanus</u> <u>ehrenbergii</u> | 76 | | | | | | | | | ● | ● | | ● | | | ● | | | | |
| <u>Lutjanus</u> <u>endecacanthus</u> | 77 | | | | | ● | | | ● | | | | | | | | | | | |
| <u>Lutjanus</u> <u>erythropterus</u> | 78 | | | | | | | | | ● | ● | | ● | | | ● | | | | |
| <u>Lutjanus</u> <u>fulgens</u> | 79 | | | | | ● | | | ● | | | | | | | | | | | |
| <u>Lutjanus</u> <u>fulviflamma</u> | 80 | | | | | | | | | ● | ● | | ● | | | ● | | ● | ● | |
| <u>Lutjanus</u> <u>fulvus</u> | 82 | | | | | | | | | ● | ● | | ● | | | ● | | ● | ● | |
| <u>Lutjanus</u> <u>fuscescens</u> | 83 | ● | | | | | | | | | | | | | | | | | ● | |
| <u>Lutjanus</u> <u>gibbus</u> | 84 | | | | | | | | | ● | ● | | ● | | | ● | | ● | ● | |

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| | | FRESH- WATERS | MAJOR MARINE FISHING AREAS FOR STATISTICAL PURPOSES | | | | | | | | | | | | | | | | | |
| | | | 18 | 21 | 27 | 31 | 34 | 37 | 41 | 47 | 48 | 51 | 57 | 58 | 61 | 67 | 71 | 77 | 81 | 87 |
| <u>Lutjanus goldiei</u> | 86 | ● | | | | | | | | | | | | | | ● | | | | |
| <u>Lutjanus gorensis</u> | 87 | | | | | ● | | | | | ● | | | | | | | | | |
| <u>Lutjanus griseus</u> | 88 | | | | ● | | | | | ● | | | | | | | | | | |
| <u>Lutjanus gilcheri</u> | 89 | | | | | | | | | | ● | ● | | | | | | | | |
| <u>Lutjanus guttatus</u> | 90 | | | | | | | | | | | | | | | | ● | | ● | |
| <u>Lutjanus inermis</u> | 92 | | | | | | | | | | | | | | | | ● | | | |
| <u>Lutjanus jocu</u> | 92 | | | | ● | | | | | ● | | | | | | | | | | |
| <u>Lutjanus johnii</u> | 94 | | | | | | | | | | ● | ● | | | ● | | ● | | | |
| <u>Lutjanus jordani</u> | 95 | | | | | | | | | | | | | | | | ● | | ● | |
| <u>Lutjanus kasmira</u> | 96 | | | | | | | | | | ● | ● | | | ● | | ● | ● | | |
| <u>Lutjanus lemniscatus</u> | 97 | | | | | | | | | | ● | ● | | | | | ● | | | |
| <u>Lutjanus lunulatus</u> | 98 | | | | | | | | | | ● | ● | | | | | ● | | | |
| <u>Lutjanus lutjanus</u> | 99 | | | | | | | | | | ● | ● | | | ● | | ● | | | |
| <u>Lutjanus madras</u> | 100 | | | | | | | | | | ● | ● | | | ● | | ● | | | |

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| | | FRESH- WATERS | MAJOR MARINE FISHING AREAS FOR STATISTICAL PURPOSES | | | | | | | | | | | | | | | | | | |
| | | | 18 | 21 | 27 | 31 | 34 | 37 | 41 | 47 | 48 | 51 | 57 | 58 | 61 | 67 | 71 | 77 | 81 | 87 | 88 |
| <u>Lutjanus mahogoni</u> | 101 | | | | ● | | | | | | | | | | | | | | | | |
| <u>Lutjanus malabaricus</u> | 102 | | | | | | | | | | ● | ● | | ● | | ● | | ● | | | |
| <u>Lutjanus maxweberi</u> | 103 | ● | | | | | | | | | | | | | | ● | | | | | |
| <u>Lutjanus mizenkoi</u> | 105 | | | | | | | | | | | | | | | ● | ● | | | | |
| <u>Lutjanus monostigma</u> | 106 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | | |
| <u>Lutjanus notatus</u> | 107 | | | | | | | | | | ● | | | | | | | | | | |
| <u>Lutjanus novemfasciatus</u> | 108 | | | | | | | | | | | | | | | | ● | | ● | | |
| <u>Lutjanus peru</u> | 109 | | | | | | | | | | | | | | | | ● | | ● | | |
| <u>Lutjanus purpureus</u> | 110 | | | | ● | | | ● | | | | | | | | | | | | | |
| <u>Lutjanus quinquelineatus</u> | 111 | | | | | | | | | | ● | ● | | ● | | ● | | ● | | | |
| <u>Lutjanus rivulatus</u> | 112 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | | |
| <u>Lutjanus russelli</u> | 113 | | | | | | | | | | ● | ● | | ● | | ● | | | | | |
| <u>Lutjanus sanguineus</u> | 115 | | | | | | | | | | ● | | | | | | | | | | |
| <u>Lutjanus sebae</u> | 116 | | | | | | | | | | ● | ● | | ● | | ● | | ● | | | |

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| | | | 18 | 21 | 27 | 31 | 34 | 37 | 41 | 47 | 48 | 51 | 57 | 58 | 61 | 67 | 71 | 77 | 81 | 87 | 88 |
| <u>Lutjanus semicinctus</u> | 117 | | | | ● | | | ● | | | | | | | | ● | ● | | | | |
| <u>Lutjanus stellatus</u> | 118 | | | | | | | | | | | | | ● | | | | | | | |
| <u>Lutjanus synagris</u> | 119 | | | | ● | | | ● | | | | | | | | | | | | | |
| <u>Lutjanus timorensis</u> | 121 | | | | | | | | | | | ● | | | | ● | | | | | |
| <u>Lutjanus viridis</u> | 122 | | | | | | | | | | | | | | | | ● | | | | |
| <u>Lutjanus vitta</u> | 123 | | | | | | | | | | ● | ● | | ● | | ● | | | | | |
| <u>Lutjanus vivanus</u> | 124 | | | | ● | | | | | | | | | | | | | | | | |
| <u>Macolor macularis</u> | 126 | | | | | | | | | | | ● | | ● | | ● | | | | | |
| <u>Macolor niger</u> | 127 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | | |
| <u>Ocyurus chrysurus</u> | 129 | | | | ● | | | | | | | | | | | | | | | | |
| <u>Paracaesio caeruleus</u> | 132 | | | | | | | | | | | | | ● | | | | | | | |
| <u>Paracaesio gonzalesi</u> | 133 | | | | | | | | | | | | | | | ● | | | | | |
| <u>Paracaesio kusakarii</u> | 134 | | | | | | | | | | | | | ● | | ● | ● | | | | |
| <u>Paracaesio sordidus</u> | 135 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | | |

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| | | FRESH-WATERS | MAJOR MARINE FISHING AREAS FOR STATISTICAL PURPOSES | | | | | | | | | | | | | | | | | |
| | | | 18 | 21 | 27 | 31 | 34 | 37 | 41 | 47 | 48 | 51 | 57 | 58 | 61 | 67 | 71 | 77 | 81 | 87 |
| <u>Paracaesio stonei</u> | 136 | | | | | | | | | | | | | ● | | ● | | | | |
| <u>Paracaesio xanthurus</u> | 137 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |
| <u>Parapristipomoides squamimaxillaris</u> | 138 | | | | | | | | | | | | | | | ● | | | | |
| <u>Pinjalo pinjalo</u> | 139 | | | | | | | | | | ● | ● | | ● | | ● | | | | |
| <u>Pinjalo sp.</u> | 140 | | | | | | | | | | ● | ● | | ● | | ● | | | | |
| <u>Pristipomoides aquilonaris</u> | 144 | | | | ● | | | | | | | | | | | | | | | |
| <u>Pristipomoides argyrogrammicus</u> | 145 | | | | | | | | | | | | | ● | | ● | ● | | | |
| <u>Pristipomoides auricilla</u> | 146 | | | | | | | | | | | | | ● | | ● | ● | | | |
| <u>Pristipomoides filamentosus</u> | 147 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |
| <u>Pristipomoides flavipinnis</u> | 149 | | | | | | | | | | | | | ● | | ● | ● | | | |
| <u>Pristipomoides freemani</u> | 150 | | | | ● | | | | | | | | | | | | | | | |
| <u>Pristipomoides macrophthalmus</u> | 151 | | | | ● | | | | | | | | | | | | | | | |
| <u>Pristipomoides multidentis</u> | 152 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |
| <u>Pristipomoides sieboldii</u> | 153 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | |

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| | | | 18 | 21 | 27 | 31 | 34 | 37 | 41 | 47 | 48 | 51 | 57 | 58 | 61 | 67 | 71 | 77 | 81 | 87 | 88 |
| <u>Pristipomoides typus</u> | 154 | | | | | | | | | | ● | ● | | ● | | ● | | | | | |
| <u>Pristipomoides zonatus</u> | 155 | | | | | | | | | | ● | ● | | ● | | ● | ● | | | | |
| <u>Randallichthys filamentosus</u> | 156 | | | | | | | | | | | | | ● | | ● | ● | | | | |
| <u>Rhomboplites aurorubens</u> | 157 | | | | ● | | | | | | ● | | | | | | | | | | |
| <u>Symphorichthys spilurus</u> | 158 | | | | | | | | | | | ● | | ● | | ● | | | | | |
| <u>Symphorus nematophorus</u> | 160 | | | | | | | | | | | | | ● | | ● | | | | | |

MAJOR MARINE FISHING AREAS FOR STATISTICAL PURPOSES

