Supplementary Table S3 List of species studied in publications included in this systematic map

|  |  |  |  |
| --- | --- | --- | --- |
| species | family | order | count |
| Acanthastrea echinata | Lobophylliidae | Scleractinia | 1 |
| Acanthastrea sp. | Lobophylliidae | Scleractinia | 2 |
| Acropora downingi | Acroporidae | Scleractinia | 1 |
| Acropora hyacinthus | Acroporidae | Scleractinia | 4 |
| Acropora millepora | Acroporidae | Scleractinia | 2 |
| Acropora muricata | Acroporidae | Scleractinia | 1 |
| Acropora pruinisa | Acroporidae | Scleractinia | 2 |
| Acropora pulchra | Acroporidae | Scleractinia | 1 |
| Acropora samoensis | Acroporidae | Scleractinia | 1 |
| Acropora solitaryensis | Acroporidae | Scleractinia | 3 |
| Acropora spathulata | Acroporidae | Scleractinia | 1 |
| Acropora sp. | Acroporidae | Scleractinia | 9 |
| Acropora tumida | Acroporidae | Scleractinia | 1 |
| Acropora valida | Acroporidae | Scleractinia | 1 |
| Acropora yongei | Acroporidae | Scleractinia | 1 |
| Agaricia sp. | Agariciidae | Scleractinia | 1 |
| Agelas oroides | Agelasidae | Agelasida | 1 |
| Alcyonium acaule | Alcyoniidae | Alcyonacea | 1 |
| Alveopora fenestrata | Acroporidae | Scleractinia | 1 |
| Alveopora japonica | Acroporidae | Scleractinia | 3 |
| Alveopora sp. | Acroporidae | Scleractinia | 2 |
| Anemonia viridis | Actiniidae | Actiniaria | 1 |
| Anomastrea irregularis | Coscinaraeidae | Scleractinia | 1 |
| Anthopleura ballii | Actiniidae | Actiniaria | 1 |
| Astrangia poculata | Rhizangiidae | Scleractinia | 6 |
| Astreopora sp. | Acroporidae | Scleractinia | 2 |
| Australophyllia wilsoni | Lobophylliidae | Scleractinia | 1 |
| Axinella damicornis | Axinellidae | Axinellida | 1 |
| Axinella polypoides | Axinellidae | Axinellida | 1 |
| Balanophyllia europaea | Dendrophylliidae | Scleractinia | 1 |
| Blastomussa merleti | incertae sedis | Scleractinia | 1 |
| Blastomussa sp. | incertae sedis | Scleractinia | 1 |
| Caryophyllia inornata | Caryophylliidae | Scleractinia | 1 |
| Caulastrea tumida | Merulinidae | Scleractinia | 1 |
| Cereus pedonculatus | Sagartiidae | Actiniaria | 1 |
| Cladiella sp. | Alcyoniidae | Alcyonacea | 1 |
| Cladocora caespitosa | incertae sedis | Scleractinia | 5 |
| Coelastrea aspera | Merulinidae | Scleractinia | 2 |
| Coscinaraea mcneill | Coscinaraeidae | Scleractinia | 1 |
| Corallium rubrum | Coralliidae | Alcyonacea | 1 |
| Coscinaraea marshae | Coscinaraeidae | Scleractinia | 1 |
| Coscinaraea sp. | Coscinaraeidae | Scleractinia | 1 |
| Crambe crambe | Crambeidae | Poecilosclerida | 1 |
| Cyphastrea microphthalma | Merulinidae | Scleractinia | 1 |
| Cyphastrea sp. | Merulinidae | Scleractinia | 3 |
| Cystodytes dellechiajei | Polycitoridae | Aplousobranchia | 1 |
| Dendrophyllia cornigera | Dendrophylliidae | Scleractinia | 2 |
| Dendrophyllia sp. | Dendrophylliidae | Scleractinia | 2 |
| Dipsastraea | Merulinidae | Scleractinia | 1 |
| Dipsastraea sp. | Merulinidae | Scleractinia | 1 |
| Durusdinium trenchii | Symbiodiniaceae | Suessiales | 2 |
| Dysidea avara | Dysideidae | Dictyoceratida | 1 |
| Echinophyllia sp. | Lobophylliidae | Scleractinia | 2 |
| Echinopora sp. | Lobophylliidae | Scleractinia | 1 |
| Ecklonia cava | Lessoniaceae | Laminariales | 1 |
| Eisenia bicyclis | Lessoniaceae | Laminariales | 1 |
| Eunicella singularis | Gorgoniidae | Alcyonacea | 1 |
| Favia malthaii | Faviidae | Scleractinia | 1 |
| Favia pallida | Faviidae | Scleractinia | 1 |
| Favia speciosa | Faviidae | Scleractinia | 3 |
| Favia sp. | Faviidae | Scleractinia | 3 |
| Favites abdita | Merulinidae | Scleractinia | 2 |
| Favites pentagona | Merulinidae | Scleractinia | 1 |
| Favites sp. | Merulinidae | Scleractinia | 4 |
| Fungia sp. | Fungiidae | Scleractinia | 3 |
| Galaxea fascicularis | Euphylliidae | Scleractinia | 5 |
| Galaxea sp. | Euphylliidae | Scleractinia | 2 |
| Gardineroseris sp. | Agariciidae | Scleractinia | 1 |
| Goniastrae sp. | Merulinidae | Scleractinia | 3 |
| Goniastrea aspera | Merulinidae | Scleractinia | 1 |
| Goniastrea australensis | Merulinidae | Scleractinia | 1 |
| Goniastrea favulus | Merulinidae | Scleractinia | 1 |
| Goniastrea sp. | Merulinidae | Scleractinia | 2 |
| Goniopora sp. | Poritidae | Scleractinia | 4 |
| Gyrosmilia sp. | Euphylliidae | Scleractinia | 1 |
| Hydnophora exesa | Merulinidae | Scleractinia | 2 |
| Hydnophora sp. | Merulinidae | Scleractinia | 2 |
| Isaurus tuberculatus | Zoanthidae | Zoantharia | 1 |
| Leptastrea sp. | Leptastreidae | Scleractinia | 1 |
| Leptopsammia pruvoti | Dendrophylliidae | Scleractinia | 2 |
| Leptoria sp. | Merulinidae | Scleractinia | 1 |
| Lithophyllon sp. | Fungiidae | Scleractinia | 1 |
| Lithophyllon undulatum | Fungiidae | Scleractinia | 1 |
| Lobophyllia sp. | Lobophylliidae | Scleractinia | 2 |
| Millepora alcicornis | Milleporidae | Anthoathecata | 1 |
| Millepora sp. | Milleporidae | Anthoathecata | 1 |
| Montastrea sp. | Montastraeidae | Scleractinia | 1 |
| Montastrea cavernosa | Montastraeidae | Scleractinia | 1 |
| Montipora caliculata | Acroporidae | Scleractinia | 1 |
| Montipora digitata | Acroporidae | Scleractinia | 2 |
| Montipora millepora | Acroporidae | Scleractinia | 1 |
| Montipora monasteriata | Acroporidae | Scleractinia | 1 |
| Montipora peltiformis | Acroporidae | Scleractinia | 1 |
| Montipora sp. | Acroporidae | Scleractinia | 6 |
| Mussa sp. | Faviidae | Scleractinia | 1 |
| Mussismilia braziliensis | Mussidae | Scleractinia | 1 |
| Mussismilia hispida | Mussidae | Scleractinia | 1 |
| Oculina arbuscula | Oculinidae | Scleractinia | 3 |
| Oculina sp. | Oculinidae | Scleractinia | 1 |
| Orbicella faveolata | Merulinidae | Scleractinia | 1 |
| Other |  |  | 3 |
| Oulastrea crispata | Oulastreidae | Scleractinia | 3 |
| Oulastrea sp. | Oulastreidae | Scleractinia | 1 |
| Oulophyllia sp. | Merulinidae | Scleractinia | 1 |
| Oxypora sp. | Lobophylliidae | Scleractinia | 1 |
| Pachyseris rugosa | Agariciidae | Scleractinia | 1 |
| Pachyseris sp. | Agariciidae | Scleractinia | 1 |
| Pavona divaricata | Agariciidae | Scleractinia | 1 |
| Palythoa clavata | Sphenopidae | Zoantharia | 2 |
| Palythoa caribaeorum | Sphenopidae | Zoantharia | 2 |
| Palythoa grandiflora | Sphenopidae | Zoantharia | 1 |
| Paragoniastrea sp. | Merulinidae | Scleractinia | 1 |
| Paragoniastrea australensis | Merulinidae | Scleractinia | 1 |
| Paramontastraea sp. | Merulinidae | Scleractinia | 1 |
| Paramuricea clavata | Plexauridae | Alcyonacea | 1 |
| Pavona decussata | Agariciidae | Scleractinia | 2 |
| Pavona sp. | Agariciidae | Scleractinia | 3 |
| Pavona venosa | Agariciidae | Scleractinia | 1 |
| Pectinia sp. | Merulinidae | Scleractinia | 1 |
| Petrosia ficiformis | Petrosiidae | Haplosclerida | 1 |
| Platygyra acuta | Merulinidae | Scleractinia | 3 |
| Platygyra carnosa | Merulinidae | Scleractinia | 5 |
| Platygyra contorta | Merulinidae | Scleractinia | 1 |
| Platygyra lamellina | Merulinidae | Scleractinia | 1 |
| Platygyra sp. | Merulinidae | Scleractinia | 3 |
| Plesiastrea sp. | Plesiastreidae | Scleractinia | 2 |
| Plesiatrea versipora | Plesiastreidae | Scleractinia | 3 |
| Pocillopora aliciae | Pocilloporidae | Scleractinia | 2 |
| Pocillopora damicornis | Pocilloporidae | Scleractinia | 10 |
| Pocillopora sp. | Pocilloporidae | Scleractinia | 6 |
| Pocillopora verrucosa | Pocilloporidae | Scleractinia | 2 |
| Porites heronensis | Poritidae | Scleractinia | 3 |
| Porites lobata | Poritidae | Scleractinia | 1 |
| Porites lutea | Poritidae | Scleractinia | 3 |
| Porites sp. | Poritidae | Scleractinia | 10 |
| Psammocora albopicta | Psammocoridae | Scleractinia | 1 |
| Psammocora profundacella | Psammocoridae | Scleractinia | 1 |
| Psammocora sp. | Psammocoridae | Scleractinia | 2 |
| Pseudodiploria clivosa | Mussidae | Scleractinia | 1 |
| Pseudodiploria strigosa | Mussidae | Scleractinia | 1 |
| Sarcophyton glaucum | Alcyoniidae | Alcyonacea | 1 |
| Seriatopora sp. | Pocilloporidae | Scleractinia | 2 |
| Siderastrea sp. | Siderastreidae | Scleractinia | 1 |
| Siderastrea stellata | Siderastreidae | Scleractinia | 2 |
| Stylophora pistillata | Pocilloporidae | Scleractinia | 3 |
| Stylophora sp. | Pocilloporidae | Scleractinia | 3 |
| Tubastraea tagusensis | Dendrophylliidae | Scleractinia | 1 |
| Turbinaria mesenterina | Dendrophylliidae | Scleractinia | 2 |
| Turbinaria reniformis | Dendrophylliidae | Scleractinia | 3 |
| Turbinaria sp. | Dendrophylliidae | Scleractinia | 4 |
| Various |  |  | 2 |
| Veretillum cynomorium | Veretillidae | Pennatulacea | 1 |
| Xenia crassa | Xeniidae | Alcyonacea | 1 |
| Zoanthus pulchellus | Zoanthidae | Zoantharia | 1 |