Tabla S2. Lista de especies de macroalgas de arrecifes coralinos de los estados de Guerrero y Oaxaca en el Pacífico tropical mexicano.

| **ESTADOS** | **GUERRERO** |  | **OAXACA** |
| --- | --- | --- | --- |
| **ESPECIES / LOCALIDADES** | **Playa Coral** | **El Zacatoso** | **Playa Las Gatas** | **Caleta de Chon** |  | **San Agustín** | **La India** | **Cacaluta** | **El Maguey** | **El Violín** | **La Entrega** |
|  |  |  |  |  |  |  |  |  |  |  |  |
| ***RHODOPHYTA*** |  |  |  |  |  |  |  |  |  |  |  |
| *Acrochaetium crassipes* (Børgesen) Børgesen |  |  |  |  |  |  |  |  | ● | ● |  |
| *Acrochaetium pacificum* Kylin |  | ● |  |  |  |  |  |  |  |  |  |
| *Amphiroa beauvoisii* J. V. Lamouroux | ●  | ●  | ●  | ●  |  |  |  | ●  |  |  |  |
| *Amphiroa dimorpha* Me. Lemoine |  | ●  |  |  |  |  | ●  |  | ●  | ●  | ●  |
| *Amphiroa misakiensis* Yendo | ●  | ●  | ●  | ●  |  |  | ●  |  |  |  |  |
| *Amphiroa rigida* J. V. Lamouroux | ●  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Amphiroa subcylindrica* E. Y. Dawson |  |  |  |  |  |  | ●  |  |  | ●  |  |
| *Amphiroa valonioides* Yendo | ●  | ●  |  | ●  |  |  |  |  |  |  |  |
| *Antithamnionella breviramosa* (E. Y. Dawson) Wollaston |  | ●  |  |  |  |  |  |  |  |  |  |
| *Antithamnionella spirographidis* (Schiffner) Wollaston |  | ●  |  |  |  |  |  |  |  |  |  |
| *Callithamnion acutum* Kylin |  | ●  |  |  |  |  |  |  |  |  |  |
| *Carradoriella denudata* (Dillwyn) Savoie & G. W. Saunders |  |  |  |  |  |  | ●  |  |  | ●  |  |
| *Ceramium affine* Setchell & N. L. Gardner var. *affine* | ● | ● |  | ● |  | ●  | ●  | ● | ●  | ●  | ●  |
| *Ceramium camouii* E. Y. Dawson |  | ● |  |  |  |  |  |  |  |  |  |
| *Ceramium caudatum* Setchell & N. L .Gardner |  | ● |  |  |  |  |  |  |  |  |  |
| *Ceramium clarionense* Setchell & N. L. Gardner |  | ● | ● |  |  | ● |  |  | ● | ● | ● |
| *Ceramium equisetoides* E. Y. Dawson |  | ●  |  | ●  |  |  |  |  |  |  |  |
| *Ceramium hamatispinum* E. Y. Dawson |  | ●  |  |  |  | ●  |  |  |  | ●  | ●  |
| *Ceramium macilentum* J. Agardh | ●  |  |  |  |  |  |  |  |  |  |  |
| *Ceramium nakamurae* E. Y. Dawson |  |  |  |  |  |  |  |  |  | ●  | ●  |
| *Ceramium paniculatum* Okamura |  |  | ●  |  |  |  |  |  |  |  |  |
| *Ceramium serpens* Setchell & N. L. Gardner |  | ●  |  |  |  |  |  |  | ●  | ●  | ●  |
| *Ceramium vagans* P. C. Silva |  | ●  |  |  |  |  |  |  |  |  |  |
| *Ceramium zacae* Setchell & N. L. Gardner | ● | ● | ● | ● |  |  |  |  |  |  |  |
| *Ceratodictyon tenue* (Setchell & N. L. Gardner) J. N. Norris |  |  | ● | ● |  |  |  |  |  |  |  |
| *Ceratodictyon variabile* (J. Agardh) R. E. Norris |  | ●  | ●  |  |  |  |  |  |  |  |  |
| *Champia parvula* (C. Agardh) Harvey var. *parvula* | ● | ● | ● |  |  |  | ● | ● | ● | ● |  |
| *Chondria repens* Børgesen | ●  |  | ●  |  |  |  |  |  |  |  |  |
| *Corallophila kleiwegii* Weber Bosse |  |  |  |  |  |  |  | ●  |  |  |  |
| *Crouania pleonospora* W. R. Taylor |  |  |  |  |  |  |  |  | ● | ● |  |
| *Cryptonemia obovata* J. Agardh | ● |  |  |  |  |  |  |  |  |  |  |
| *Dasya rigidula* (Kützing) Ardissone |  |  |  |  |  |  |  | ● | ● |  |  |
| *Dasya sinicola* (Setchell & N. L. Gardner) E. Y. Dawson var. *sinicola* | ● | ● |  |  |  |  |  |  |  |  |  |
| *Drouetia coalescens* (Farlow) De Toni | ● |  |  |  |  |  |  |  |  |  |  |
| *Erythrocladia irregularis* Rosenvinge |  |  | ●  |  |  |  |  |  |  |  |  |
| *Erythrotrichia carnea* (Dillwyn) J. Agardh |  | ●  |  | ●  |  | ●  |  | ●  | ●  |  |  |
| *Erythrotrichia carnea* f. *irregularis* B. F. Zheng & J. Li |  | ●  |  |  |  |  |  |  |  |  |  |
| *Erythrotrichia tetraseriata* N. L. Gardner |  | ●  |  |  |  |  |  |  |  |  |  |
| *Eutrichosiphonia confusa* (Hollenberg) Savoie & G. W. Saunders |  | ●  |  |  |  |  |  |  | ●  |  |  |
| *Gayliella dawsonii* (A. B. Joly) Barros-Barreto & F. P. Gomes |  | ●  |  |  |  |  |  |  |  |  |  |
| *Gayliella flaccida* (Harvey ex Kützing) T. O. Cho & L. M. McIvo*r* | ●  | ●  | ●  | ●  |  | ●  | ●  | ●  | ●  | ●  | ●  |
| *Gayliella mazoyerae* T. O. Cho & al. |  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Gayliella taylorii* (E. Y. Dawson) T. O. Cho & S. M. Boo |  | ●  |  |  |  |  |  |  |  |  |  |
| *Gelidiella acerosa* (Forsskål) Feldmann & Hamel |  | ●  |  | ●  |  |  |  |  |  |  |  |
| *Gelidiella hancockii* E. Y. Dawson |  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Gelidiella ligulata* E. Y. Dawson |  | ●  | ●  | ●  |  |  | ●  |  | ●  |  |  |
| *Gelidium crinale* (Hare ex Turner) Gaillon |  |  |  | ●  |  |  |  |  |  |  |  |
| *Gelidium mcnabbianum* (E. Y. Dawson) B. Santelices | ●  | ●  | ●  |  |  |  |  |  |  |  |  |
| *Gelidium pusillum* (Stackhouse) Le Jolis var. *pusillum* | ●  | ●  | ●  | ●  |  | ●  | ●  | ●  | ●  | ●  | ●  |
| *Gelidium sclerophyllum* W. R. Taylor |  | ●  |  |  |  |  |  |  |  |  |  |
| *Gracilaria crispata* Setchell & N. L. Gardner |  |  | ●  |  |  |  |  | ●  |  |  |  |
| *Gracilaria mammillaris* (Montagne) M. Howe |  | ●  |  |  |  |  |  |  |  |  |  |
| *Gracilaria pachydermatica* Setchell & N. L. Gardner |  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Gracilaria textorii* (Suringar) Hariot |  | ●  |  |  |  |  |  |  |  |  |  |
| *Gracilaria veleroae* E. Y. Dawson | ●  | ●  | ●  |  |  |  | ●  |  |  | ●  |  |
| *Grateloupia doryphora* (Montagne) M. Howe |  | ●  |  | ●  |  |  |  |  |  |  |  |
| *Grateloupia filicina* (J. V. Lamouroux) C. Agardh |  | ●  | ●  |  |  |  |  |  |  |  |  |
| *Grateloupia huertana* Mateo-Cid & al. |  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Grateloupia versicolor* (J. Agardh) J. Agardh var. *versicolor* | ●  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Griffithsia pacifica* Kylin |  | ●  |  |  |  |  |  |  |  |  |  |
| *Gymnogongrus crustiformis* E. Y. Dawson |  | ●  | ●  |  |  |  |  |  |  |  |  |
| *Halymenia abyssicola* E. Y. Dawson |  | ●  |  |  |  |  |  | ●  |  |  |  |
| *Herposiphonia bipinnata* M. A. Howe |  |  |  |  |  |  |  | ●  |  | ●  | ●  |
| *Herposiphonia hollenbergii* E. Y. Dawson | ●  |  |  |  |  |  |  |  |  |  |  |
| *Herposiphonia litoralis* Hollenberg | ●  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Herposiphonia plumula* (J. Agardh) Falkenberg var. *plumula* | ●  | ●  |  | ●  |  |  | ●  | ●  | ●  | ●  | ●  |
| *Herposiphonia secunda* (C. Agardh) Ambronn var. *secunda* |  | ●  | ●  |  |  |  |  |  |  | ●  | ●  |
| *Herposiphonia tenella* (C. Agardh) Ambronn |  | ●  | ●  |  |  |  |  |  |  |  |  |
| *Heterosiphonia crispella* var. *laxa* (Børgesen) M. J. Wynne |  |  |  |  |  |  | ●  | ●  | ●  | ●  | ●  |
| *Hypnea johnstonii* Setchell & N. L. Gardner | ●  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Hypnea pannosa* J. Agardh | ●  | ●  | ●  | ●  |  | ●  | ●  | ●  | ●  | ●  | ●  |
| *Hypnea spinella* (C. Agardh) Kützing | ●  | ●  | ●  | ●  |  |  | ●  | ●  | ●  | ●  | ●  |
| *Jania capillacea* Harvey |  | ●  | ●  |  |  | ●  |  | ●  | ●  |  |  |
| *Jania pedunculata* var. *adhaerens* (J. V. Lamouroux) A. S. Harvey & al. |  | ●  | ●  |  |  |  |  |  |  |  | ●  |
| *Jania subpinnata* E. Y. Dawson |  | ●  | ●  |  |  |  |  |  |  |  |  |
| *Jania tenella* (Kützing) Grunow *var*. tenella | ●  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Laurencia clarionensis* Setchell & N. L. Gardner |  | ●  |  |  |  |  |  |  |  |  |  |
| *Laurencia lajolla* E. Y. Dawson |  |  |  |  |  |  | ●  |  |  | ●  |  |
| *Melanothamnus simplex* (Hollenberg)  |  |  | ●  |  |  |  |  | ●  |  |  |  |
| *Melanothamnus sphaerocarpus* (Børgesen)  |  | ●  |  |  |  |  |  | ●  |  | ●  | ●  |
| *Osmundea sinicola* (Setchell & N. L. Gardner) K. W. Nam |  |  |  |  |  |  | ●  |  |  | ●  | ●  |
| *Parviphycus antipae* (Celan) B. Santelices | ●  | ●  | ●  | ●  |  | ●  |  |  | ●  |  |  |
| *Peyssonnelia rubra* (Greville) J. Agardh | ●  |  |  |  |  |  |  |  |  |  |  |
| *Polysiphonia abcissoides* Womersley |  |  |  |  |  |  |  |  |  | ●  |  |
| *Polysiphonia mollis* J. D. Hooker & Harvey |  | ●  | ●  |  |  | ●  |  | ●  |  | ●  | ●  |
| *Polysiphonia nathanielii* Hollenberg |  |  |  |  |  | ●  |  |  |  |  |  |
| *Polysiphonia pacifica* Hollenberg var. *pacifica* |  |  |  |  |  |  |  |  |  | ●  | ●  |
| *Polysiphonia scopulorum* Harvey var. *scopulorum* |  |  |  |  |  |  | ●  | ●  |  | ●  | ●  |
| *Polysiphonia sertularioides* (Grateloup) J. Agardh | ●  | ●  |  | ●  |  |  | ●  |  | ●  | ●  | ●  |
| *Polysiphonia subtilissima* Montagne |  | ●  | ●  | ●  |  |  | ●  | ●  | ●  | ●  | ●  |
| *Predaea subpeltata* E. Y. Dawson |  |  |  |  |  |  |  |  | ●  |  |  |
| *Pterocladiella bulbosa* (N. H. Loomis) Santelices |  |  | ●  | ●  |  |  |  |  |  |  |  |
| *Pterocladiella caloglossoides* (M. Howe) Santelices | ●  | ●  | ●  | ●  |  |  |  | ●  | ●  | ●  | ●  |
| *Pugetia latiloba* (W. R. Taylor) R. E. Norris |  |  |  |  |  |  |  | ●  |  |  |  |
| *Pyropia thuretii* (Setchell & E. Y. Dawson) J. E. Sutherland & al. |  | ●  |  |  |  |  |  |  |  |  |  |
| *Rhodymenia pacifica* Kylin |  |  |  | ●  |  |  |  |  |  |  |  |
| *Stylonema alsidii* (Zanardini) K. M. Drew |  | ●  |  |  |  | ●  |  | ●  | ●  | ●  |  |
| *Tayloriella dictyurus* (J. Agardh) Kylin |  | ●  | ●  |  |  |  |  |  |  |  |  |
| *Veleroa subulata* E. Y. Dawson | ●  | ●  |  |  |  |  |  |  |  |  |  |
| *Wurdemannia miniata* (Sprengel) Feldman & Hamel | ●  |  |  |  |  | ●  | ●  | ●  | ●  | ●  |  |
| ***CHLOROPHYTA*** |  |  |  |  |  |  |  |  |  |  |  |
| *Bryopsis corticulans* Setchell |  | ● |  | ● |  |  |  |  |  |  |  |
| *Bryopsis hypnoides* J. V. Lamouroux |  |  |  | ● |  | ● |  |  |  |  |  |
| *Bryopsis pennata* J. V. Lamouroux var. *pennata* | ●  | ●  | ●  | ●  |  | ●  |  |  | ●  | ●  |  |
| *Bryopsis pennata* var. *minor* J. Agardh |  | ●  |  | ●  |  |  | ●  |  |  |  | ●  |
| *Caulerpa ambigua* Okamura var. *ambigua* |  |  |  |  |  |  |  |  |  | ●  | ●  |
| *Caulerpa chemnitzia* (Esper) J. V. Lamouroux var. *chemnitzia* | ●  |  |  |  |  |  |  |  |  |  |  |
| *Caulerpa chemnitzia* var. *turbinata* (J. Agardh) Fernández-García & Riosmena-Rodríguez |  |  | ●  |  |  |  |  |  |  |  |  |
| *Caulerpa sertularioides* (S. G. Gmelin) M. Howe f. *sertularioides* | ●  | ●  | ●  |  |  | ●  | ●  |  | ●  |  |  |
| *Chlorodesmis caespitosa* J. Agardh |  | ●  |  |  |  |  |  |  |  |  |  |
| *Chlorodesmis hildebrandtii* A. Gepp & E. Gepp | ●  | ●  |  |  |  | ●  | ●  | ●  | ●  | ●  | ●  |
| *Cladophora albida* (Nees) Kutzing |  | ●  |  | ●  |  |  |  | ●  | ●  | ●  | ●  |
| *Cladophora glomerata* (Linnaeus) Kützing var. *glomerata* |  |  |  | ●  |  |  |  |  |  |  |  |
| *Cladophora graminea* Collins |  |  |  | ●  |  |  |  |  |  |  |  |
| *Cladophora microcladioides* Collins | ●  | ●  | ●  | ●  |  |  |  |  |  |  |  |
| *Cladophora sericea* (Hudson) Kützing | ●  | ●  |  | ●  |  |  |  |  | ●  |  | ●  |
| *Cladophora vagabunda* (Linnaeus) C. Hoek |  |  |  | ●  |  |  |  |  |  |  |  |
| *Cladophoropsis membranacea* (Hofman Bang ex C. Agardh) Børgesen |  |  | ●  | ●  |  |  |  |  |  | ●  | ●  |
| *Codium hubbsii* E. Y. Dawson |  |  |  |  |  |  |  |  | ●  |  |  |
| *Codium picturatum* Pedroche & P. C. Silva |  | ●  |  |  |  |  |  |  |  |  |  |
| *Codium setchellii* N. L. Gardner |  | ●  |  |  |  |  |  |  |  |  |  |
| *Derbesia marina* (Lyngbye) Solier | ●  | ●  | ●  | ●  |  | ●  | ●  | ●  | ●  | ●  | ●  |
| *Halimeda discoidea* Decaisne | ●  |  |  | ●  |  |  |  |  |  |  |  |
| *Lychaete sakaii* (I. A. Abbott) M. J. Wynne |  | ●  |  | ●  |  |  |  |  |  |  |  |
| *Parvocaulis polyphysoides* (P. Crouan & H. Crouan) S. Berger & al. |  |  |  |  |  |  | ●  |  |  |  |  |
| *Rhizoclonium riparium* (Roth) Harvey |  | ●  |  | ●  |  |  |  |  |  |  |  |
| *Ulothrix laetevirens* (Harvey) Collins |  |  |  | ●  |  |  |  |  |  |  |  |
| *Ulva californica* Wille |  | ●  |  |  |  |  |  |  |  |  |  |
| *Ulva clathrata* (Roth) C. Agardh |  |  |  |  |  |  |  |  |  |  | ●  |
| *Ulva flexuosa* Wulfen subsp. *flexuosa* |  | ●  |  | ●  |  | ●  | ●  | ●  | ●  | ●  | ●  |
| *Ulva intestinalis* Linnaeus | ●  |  |  |  |  |  |  |  |  |  |  |
| *Ulva lactuca* Linnaeus |  |  |  |  |  |  |  |  | ●  |  | ●  |
| *Ulva linza* Linnaeus |  | ●  |  | ●  |  |  |  |  |  |  |  |
| ***OCHROPHYTA - PHAEOPHYCEAE*** |  |  |  |  |  |  |  |  |  |  |  |
| *Asteronema breviarticulatum* (J. Agardh) Ouriques & Bouzon |  | ● |  |  |  |  |  |  |  |  |  |
| *Dictyopteris delicatula* J. V. Lamouroux |  | ● | ● |  |  | ● |  |  | ● | ● | ● |
| *Dictyota dichotoma* (Hudson) J. V. Lamouroux var. *dichotoma* |  | ●  | ●  |  |  |  |  | ●  |  | ●  | ●  |
| *Dictyota dichotoma* var. *intricata* (C. Agardh) Greville |  |  |  |  |  |  | ●  |  |  |  |  |
| *Dictyota implexa* (Desfontaines) J. V. Lamoroux |  |  |  |  |  | ●  |  |  |  |  |  |
| *Ectocarpus simulans* Setchell & N. L. Gardner |  | ●  |  |  |  |  |  |  |  |  |  |
| *Feldmannia mitchelliae* (Harvey) H. S. Kim. |  | ●  |  |  |  |  |  |  |  |  |  |
| *Lobophora variegata* (J. V. Lamouroux) Womersley *ex* E. C. Oliveira |  |  | ●  |  |  |  |  |  |  |  |  |
| *Padina crispata* Thivy |  | ●  |  |  |  |  | ●  |  |  | ●  |  |
| *Ralfsia pacifica* Hollenberg |  |  | ●  |  |  |  |  |  |  |  |  |
| *Sphacelaria fusca* (Hudson) S. F. Gray |  |  |  | ●  |  |  |  |  |  |  |  |
| *Sphacelaria rigidula* Kützing |  | ●  | ●  | ●  |  | ●  | ●  | ●  | ●  | ●  | ●  |

***GUERRERO. Playa Coral***: (Sandoval-Coronado, 2016). ***Zacatoso***: (González-Pizá, 2013; Vázquez-Texocotitla, 2013; Luna-Barreda, 2018; Saldívar-Cruz, 2019). ***Playa Las Gatas***: (Vázquez-Texocotitla, 2013; López et al., 2017; Pineda y López datos no publicados). ***Caleta de Chon***: (Luna-Barreda, 2018; Moncada-García, 2018). ***OAXACA. San Agustín***: (González-Reséndiz, 2008). ***La India***: (López-Valerio, 2009). ***Cacaluta***: (González-Reséndiz, 2008). ***El Maguey***: (Calderón-Aguilar, 2008). ***El Violín***: (Sánchez-Zamora, 2009). ***La Entrega*** (Sánchez-Zamora, 2013).