

# Marine and coastal biodiversity of Oaxaca, Mexico

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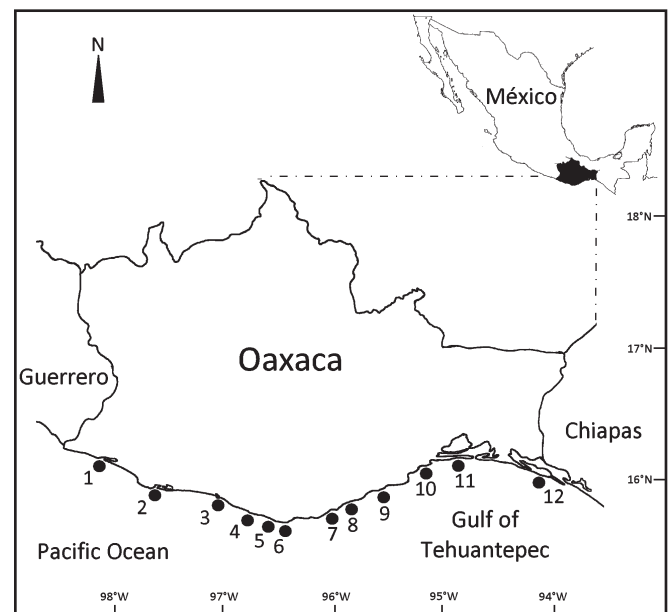
**ABSTRACT:** The state of Oaxaca in southern Mexico harbors the highest faunistic and floristic biodiversity of the region; however, to date, research effort has focused on terrestrial flora and fauna. Despite this bias, there is a large amount of dispersed information regarding the coastal and marine biodiversity of Oaxaca. The present study aimed to: 1) update and synthesize existing information to improve understanding of coastal and marine biodiversity; and 2) provide a baseline for future biodiversity studies in Oaxaca. The review of 198 references about Oaxaca's flora and fauna produced 2,157 species records, from 15 taxonomic groups (Division, Phyla or Class). Nevertheless, knowledge about the fauna and flora of Oaxaca remains scarce compared to other regions, such as the Gulf of California. Additionally, floristic and faunistic knowledge is heterogeneous among the taxonomic groups; for instance, 242 (11.2%) species represent macroalgae, three invertebrate groups (annelids, crustaceans and mollusks) represent about 44.0% (949 species) of all species recorded, while the vertebrates are represented by 762 species (35.3%). Similarly, many invertebrate groups recorded in adjacent regions have not yet been recorded on the Oaxaca coast, including some platyhelminthes, rotifers, nematodes, oligochaetes, sipunculids, echiurans, tardigrades, pycnogonids, some crustaceans, brachiopods, chaetognaths, ascidians and cephalochordates. The study of the marine flora and fauna is far from finished; additional effort is required to complete the marine biodiversity inventory of Oaxaca.

## INTRODUCTION

The state of Oaxaca in southern Mexico (Figure 1) is known to harbor the highest continental faunistic and floristic biodiversity in Mexico (González-Pérez *et al.* 2004). While the terrestrial biodiversity of Oaxaca is well-established, overall knowledge is highly asymmetric when we compare the amount of work in this region devoted to terrestrial flora and fauna with that dedicated to coastal and marine environments. In fact, the most recent publication summarizing knowledge of the biodiversity of Oaxaca focuses exclusively on terrestrial flora and fauna (*cf.* García-Mendoza *et al.* 2004).

In parallel, along with the relative absence of studies on the coastal and marine environments of Oaxaca, studies among taxonomic groups are not homogeneous: some taxa have been studied more intensively and for longer than others. Some of the main taxonomic groups that have been studied include macroalgae (Fragoso and Rodríguez 2002; Ávila-Ortiz 2003; Mateo-Cid *et al.* 2005; 2008; Aguilar-Rosas *et al.* 2009; Mateo-Cid and Mendoza-González 2009), corals (Glynn and Leyte-Morales 1997; Leyte-Morales 1997; Reyes-Bonilla and Leyte-Morales 1998; Cruz-Piñón and Reyes-Bonilla 1999), polychaetes (Fernández-Álamo 1987; González-Ortiz *et al.* 1996; 1997; Gómez *et al.* 1997; Bastida-Zavala and ten Hove 2003; Bastida-Zavala 2008; Ruiz-Cancino *et al.* 2011), crustaceans (Howard 1952; Garth 1959; 1961; Villalobos-Figueroa 1967; Haig 1968; Luke 1977; Sosa-Hernández *et al.* 1980; Villalobos-Hiriart and Nates-Rodríguez 1990; Carvacho and Haasmann 1984; Hendrickx *et al.* 1997; Hendrickx and Vázquez-Cureño 1998; Barbosa-Ledesma *et al.* 2000; Ramírez-Luna *et al.* 2002; Ayón-Parente and Hendrickx 2007; 2009; García-Madrigal 2010; García-

Madrigal and Andreu-Sánchez 2010; Jarquín-González and García-Madrigal 2010), mollusks (Rodríguez-Palacios *et al.* 1988; Holguín-Quñones and González-Pedraza 1989; de León-Herrera 2000; Ramírez-González and Barrientos-Luján 2007; Zamorano *et al.* 2008, 2010; Ríos-Jara *et al.* 2009; Reyes-Gómez *et al.* 2010), echinoderms (Benítez-Villalobos 2001; Zamorano *et al.* 2006; Benítez-Villalobos *et al.* 2008), fish (Chávez 1979; Castro-Aguirre 1982; Tapia-García *et al.* 1995; 1998; Castro-Aguirre



**FIGURE 1.** Location of Oaxaca State in southern Mexico and main sites mentioned in the text: 1) Corralero Lagoon; 2) Chacahua-Pastoria Lagoon; 3) Puerto Escondido; 4) Agua Blanca; 5) Ventanilla-Mazunte; 6) Puerto Ángel; 7) Huatulco Bays; 8) Barra de la Cruz; 9) Morro Ayuta; 10) Salina Cruz; 11) Huave Lagoon System; 12) Mar Muerto.

and Espinosa-Pérez 1996; Tapia-García and Gutiérrez-Díaz 1998; Castro-Aguirre *et al.* 1999; Espinosa-Pérez *et al.* 2004; Tapia-García and Mendoza-Rodríguez 2005; Ramírez-Gutiérrez *et al.* 2007; Robertson and Allen 2008; López-Pérez *et al.* 2008, 2010, 2012; Mendoza-Vallejo *et al.* 2009), reptiles (Meraz-Hernando and Ávila-Nahón 2006; García-Grajales *et al.* 2007), coastal birds (Meraz-Hernando 2001; Navarro-Sigüenza *et al.* 2004; Meraz-Hernando and González-Bravo 2005), and marine mammals (Meraz-Hernando and Sánchez-Díaz 2008).

While a range of faunal prospecting has been undertaken in the area (Holguín-Quiñones and González-Pedraza 1989), these surveys have focused solely on specific localities or environments along the Oaxacan coast. For example, the rocky substrates of Huatulco, Puerto Ángel and Agua Blanca have been studied by Gómez *et al.* (1997), Frago and Rodríguez (2002) and Zamorano *et al.* (2006; 2008). In addition, pelagic waters have been studied by Fernández-Álamo (1987; 2000; 2002), while the soft bottoms of the continental shelf of the Gulf of Tehuantepec were prospected by Gamboa-Contreras and Tapia-García (1998) and Ríos-Jara *et al.* (2009). Meanwhile, floristic studies have focused on littoral and sublittoral rocky substrates; the sites that have been most extensively studied include Santa Elena (León-Tejera *et al.* 1993), Huatulco Bays (Mendoza-González and Mateo-Cid 1998), Salina Cruz (Galindo-Villegas *et al.* 1997), and the Huave Lagoon System (Dreckmann 1999). In contrast, there are several environments that have not been studied at all. For example, except for some records of polychaetes (Fauchald 1972), there is no information about the soft bottoms of most of the beaches of Oaxaca, nor of the deep-sea environments (over 200 m depth), particularly regarding the meiofauna (Bastida-Zavala and Guevara-Cruz 2012). In addition, there is a lack of knowledge about the symbiotic relationships between the shallow-water invertebrates or parasites of fish, birds, and marine mammals.

It is remarkable that several invertebrate groups in Oaxaca have scarcely been studied or are even completely unknown. For instance, benthic hydrozoans, flatworms, rotifers, entoprocts (or kamptozoans), nemerteans, nematodes, sipunculids, echiurans, copepods, bryozoans and ascidians are practically unrecorded in Oaxaca. The study of some of these groups should in fact be mandatory, since some of them comprise the main components of bio-fouling fauna (*e.g.*, sponges, benthic hydrozoans, entoproctos, amphipods, bryozoans and ascidians), and therefore have a high potential to be non-native invasive species (Okolodkov *et al.* 2007).

Based on these accounts, it is clear that there is a major information gap in knowledge about the coastal and marine biodiversity of Oaxaca. The aim of the present study was therefore twofold: 1) to update and synthesize available information to improve understanding of the biodiversity of the region, and 2) to use this information as a baseline for future studies in Oaxaca.

## MATERIALS AND METHODS

Information was mainly gathered from 198 primary references that had been formally published as papers and monographs. Unpublished databases, technical reports and theses were avoided. In general, the taxonomic

information was found to be of varying quality, depending on the taxonomic group. However, all taxa names were checked in the World Register of Marine Species (WoRMS, Appeltans *et al.* 2012), Integrated Taxonomic Information System (ITIS 2012), Smithsonian Tropical Research Institute (STRI, Robertson and Allen 2008), American Museum of Natural History (AMNH, Frost 2012) and American Ornithologists' Union checklist (AOU 1998) and subsequent supplements (AOU 2000; Banks *et al.* 2002; 2004; 2006; 2007; 2008; Chessler *et al.* 2010). Questionable names were noted on the type localities.

## RESULTS AND DISCUSSION

A total of 2,157 species belonging to two divisions of the Kingdoms Plantae and Chromista, and ten Phyla of the Kingdom Animalia were recorded along the coastal and marine environments of Oaxaca (Table 1). This is clearly a smaller number of species when compared to the 3,112 terrestrial arthropods or the 1,431 vertebrates recorded for Oaxaca (González-Pérez *et al.* 2004).

Although the marine mammals have a relatively low species richness along the coast of Oaxaca, it is nonetheless higher than in the Gulf of Mexico or the Caribbean (Aguayo-Lobo *et al.* 1990). Reptile richness is also higher than the rest of the country, and is high in comparison to other parts of the world (CONABIO 1998). On the other hand, aquatic birds are poorly represented in Oaxaca in comparison to other regions of Mexico and abroad, possibly due to the absence of breeding areas and endemism (González-Bravo and Meraz-Hernando 2010).

The best-represented group is the fish, with 594 species (27.5%), followed by mollusks (462 species, 21.4%), crustaceans (265, 12.3%), macroalgae (242, 11.2%) and annelids (222, 10.3%). In comparison, sponges (17 species, 0.8%), flatworms (8, 0.4%), nemerteans and bryozoans (1 species each, 0.1%) are the least represented marine invertebrates in Oaxaca (Table 1).

The differential effort given to taxonomic groups is evident in the records derived from published papers. For example, while macroalgae, cnidarians, annelids, crustaceans and mollusks appeared in 152 papers, the remaining taxa have been recorded in less than 50 publications. Meanwhile, many groups have not yet been recorded on the coast of Oaxaca. For example, some flatworms (turbellarians and cestods), rotifers, nematodes, oligochaetes, sipunculids, echiurans, tardigrades, pycnogonids, some crustaceans (branchiopods, mysids, cumaceans and ostracods), brachiopods, chaetognaths, ascidians and cephalochordates remain unrecorded.

The coastal/marine flora and fauna of Oaxaca has a low species richness in comparison to other relatively well-known ocean basins in Mexico (Table 2). For example, Oaxaca possesses only 33.5% of the species richness recorded in the Gulf of California (Hendrickx *et al.* 2005), but ~22% of that in the Gulf of Mexico (Felder and Camp 2009). Such differences might not only arise because of heterogeneity in the studies conducted in Oaxaca in comparison with the Gulf of California and Gulf of Mexico (Hendrickx *et al.* 2005; Felder and Camp 2009 and references therein), but also as a result of differences in basin size: Oaxaca represents only 10% and 1% of the littoral area of the Gulf of California and the Gulf of Mexico,

respectively.

### Background problems in knowledge about marine biodiversity

Species from most taxonomic groups were recorded near major towns or harbors, such as Puerto Escondido, Puerto Angel, Bahias de Huatulco and Salina Cruz, while the floral and faunal composition of extensive areas of shallow littoral habitats, the continental shelf and the deep sea of Oaxaca remain understudied (López-Pérez *et al.* 2012).

Fish may be an exception, because they have been recorded in several habitats, including coral reefs, coastal lagoons, the continental shelf and the deep sea. Records from coastal lagoons relate to Chacahua-Pastoria (Mendoza-Vallejo *et al.* 2009), Mar Muerto (Chávez 1979; Tapia-García *et al.* 1998), and the Huave Lagoon System (Castro-Aguirre 1982; Tapia-García and Mendoza-Rodríguez 2005). However, there is still no data for the Corralero and Mar Tileme lagoons. In addition, there is a lack of information on near-shore coastal fish from southeastern Oaxaca (Armenta to Salina Cruz).

A differential effort is evident in the records of species from the studied groups. For example, while records for macroalgae, crustaceans, and mollusks were published from the second half of the 19<sup>th</sup> century, studies of the remaining groups began to appear in the early or late 20<sup>th</sup> century. A problem associated with older records is that they were based on species diagnoses that may have since been updated. To resolve this issue, it is necessary to evaluate the voucher material. Nevertheless, several references that include new records lack voucher collection numbers, contrary to what has been recommended as a result of recent initiatives (*e.g.*, Salazar-Vallejo *et al.* 2007).

Taxonomic re-evaluations of several taxa would also improve the accuracy of the analysis of the marine species richness of Oaxaca. For example, the recent reevaluation of several Genera of macroalgae (*e.g.*, Riosmena-Rodríguez *et al.* 2009) in the Gulf of California has demonstrated that species richness there had been overestimated. In the same way, the revision of serpulid polychaetes from the Eastern Pacific (Bastida-Zavala 2008) has led to a reduction in the number of species recorded. In addition, an update of the taxonomy of the mollusk bivalves is recommended based on recent publications (*e.g.*, Coan and Valentich-Scott 2012).

**TABLE 1.** Number of species recorded by taxonomic group in Oaxaca. Taxa with coastal, freshwater and/or terrestrial species, plus marine species, are marked with an asterisk (\*). In fish, amphidromus and catadromus species were considered. In the case of reptiles and birds, only species associated with, or living, in adjacent areas to, aquatic bodies were considered. The rest of the taxa are exclusively marine groups. The number of references consulted was included.

Taxa	Number of species	%	References consulted
Macroalgae	242	11.2	15
Sponges	17	0.8	9
Cnidarians	118	5.5	25
Flatworms	8	0.4	4
Nemertean	1	0.1	1
Annelids	222	10.3	30
Crustaceans*	265	12.3	68
Mollusks	462	21.4	14
Bryozoans	1	0.1	2
Echinoderms	59	2.7	12
Fish*	594	27.5	11
Amphibian and reptilian*	37	1.7	1
Birds*	120	5.6	2
Mammals*	11	0.5	4
<b>Total</b>	<b>2,157</b>		<b>198</b>

### Checklists

The information for each major group, at the Phylum or Class level, together with a checklist of the species recorded in Oaxaca, is summarized in the following sections. The adopted classification scheme is stated for each group. For practical purposes species and supra-specific taxa are presented in a strictly alphabetical arrangement.

### Macroalgae

#### Kingdoms Plantae and Chromista

A historical overview of the phycological studies focused on Oaxaca State from 1847 to 1994 has been provided by León-Álvarez and González-González (1993) and León-Tejera and González-González (1993). These authors also present the first macroalgal checklists for the region, listing a total of 178 species from 21 localities using both historical records and new collected samples. The present checklist represents an updated version based on published records (León-Tejera *et al.* 1993; Galindo-Villegas *et al.* 1997; Mateo-Cid and Mendoza-González 1997; Mendoza-González and Mateo-Cid 1998; 1999; Dreckmann 1999; Lara-Isassi *et al.* 2000; Fragoso

**TABLE 2.** Comparison of the number of species by selected taxonomic group in the Gulf of California, Gulf of Mexico, and Oaxaca. Sources: 1) Hendrickx *et al.* (2005); 2) Felder and Camp (2009); 3) Brusca *et al.* (2005); 4) Solís-Marín *et al.* (2005); 5) Guiry and Guiry (2010); 6) Fredericq *et al.* (2009).

Taxa	Oaxaca 15,000 km <sup>2</sup>	Gulf of California <sup>1)</sup> 160,000 km <sup>2</sup>	% in relation to the Gulf of California	Gulf of Mexico <sup>2)</sup> 1,600,000 km <sup>2</sup>	% in relation to the Gulf of Mexico
Fish	594	891 <sup>3)</sup>	66.7%	1,541	38.6%
Mollusks	462	2,193	21.1%	2,445	18.9%
Crustaceans	265	1,025	25.9%	1,967	13.4%
Macroalgae	242	320 <sup>5)</sup>	75.6%	673 <sup>6)</sup>	36.0%
Annelids	222	713	31.1%	854	26.0%
Cnidarians	118	253	46.6%	327	36.1%
Echinoderms	59	193 <sup>4)</sup>	30.6%	522	11.3%
Sponges	17	85	20.0%	339	5.0%
Bryozoans	1	168	0.6%	266	0.4%
<b>Total</b>	<b>1,980</b>	<b>5,910</b>	<b>33.5%</b>	<b>8,934</b>	<b>22.2%</b>

and Rodríguez 2002; Ávila-Ortiz 2003; Mateo-Cid *et al.* 2005; 2008; Aguilar-Rosas *et al.* 2009; Mateo-Cid and Mendoza-González 2009). In total, 242 species were found (30 Orders, 50 Families and 103 Genera) (Table 3) and reported from 16 new localities that were not referred to in the previous accounts of León-Álvarez and González-González (1993) and León-Tejera and González-González (1993). The current names were included in the checklist, while synonymous names, according to Guiry and Guiry (2010), were avoided.

Most of the species records in the region were the result of floristic studies. Taxonomic accounts revising recent and historical material, including analysis of information about type material, have been published for species from just 14 Genera (Dreckmann 1999; Fragoso and Rodríguez 2002; Ávila-Ortiz 2003; Mateo-Cid *et al.* 2005; Mateo-Cid and Mendoza-González 2009). Finally, the real marine macroalgae biodiversity in Oaxaca is still unknown, and will not be resolved until taxonomic evaluations and the revision of voucher specimens are completed.

## Kingdom Animalia

### Porifera

The sponges are well studied in the Gulf of Mexico, the Caribbean (Gómez 2002), and the Gulf of California (Brusca 1980; Green and Gómez 1986; Gómez *et al.* 2002; Carballo *et al.* 2004; 2008a, b). However, studies are limited in number for this group in Oaxaca, and very recently new records of boring sponges have been reported for coral reefs. Only 17 sponge species of 11 Genera and eight Families (Table 4) have been recorded (Dickinson 1945; Gómez and Bakus 1992; Carballo *et al.* 2003; Bautista-Guerrero *et al.* 2006; Carballo *et al.* 2007; 2008a; Cruz-Barraza and Carballo 2008; Carballo and Cruz-Barraza 2010; Cruz-Barraza *et al.* 2011). Gamboa-Contreras and Tapia-García (1998) recorded 12 species from the continental shelf of the Gulf of Tehuantepec; most of the collection sites were however from Chiapas State.

### Cnidaria

To date, 118 species of 74 Genera and 45 Families of cnidarians have been reported to occur along the coast of Oaxaca (Table 5). Of these, 74 belong to Hydrozoa, 41 to Anthozoa, and four to Scyphozoa. Species of Cubozoa have never been recorded.

The most extensively studied group of cnidarians in the Oaxaca area by far is Scleractinia. Topics as varied as the distribution (Leyte-Morales 1997; Glynn and Leyte-Morales 1997; Reyes-Bonilla and Leyte-Morales 1998; Cruz-Piñón and Reyes-Bonilla 1999; Reyes-Bonilla *et al.* 2005), species composition (López-Pérez *et al.* 2002; López-Pérez and Hernández-Ballesteros 2004), recruitment (López-Pérez *et al.* 2007), bioerosion (Herrera-Escalante *et al.* 2005), and biogeography (Reyes-Bonilla and López-Pérez 1998; Reyes-Bonilla and Cruz-Piñón 2000) of scleractinians have received the most attention. In particular, the basic nomenclature and distribution of stony coral species in the area is relatively well established (Reyes-Bonilla *et al.* 2005). However, new records of ahermatypic species are expected in the near future, as the bathymetric and geographic extent of ongoing studies widens to include currently unexplored areas. New records of hermatypic

species are also expected to increase, although to a lesser extent, as unrecorded Central American coral species disperse into the Mexican Pacific area, as suggested by biogeographic studies (Ketchum-Mejía and Reyes-Bonilla 1997; Reyes-Bonilla and López-Pérez 1998), probably as a consequence of the prevailing current in the western Mexican Pacific (Kessler 2006).

In contrast to Scleractinia, less attention has been devoted to Hydrozoa, Scyphozoa (Fraser 1938a, b; 1948; Chávez 1979; Segura-Puertas 1984; Ocaña-Luna and Gómez-Aguirre 1999; Calder *et al.* 2009), and is absent for Cubozoa. In particular, the taxonomy of these groups has been poorly resolved in the area. For example, three out of 118 species were identified at the supraspecific level but were included because they represent Genera or Families with unique records (Luke 1998), whereas four species are of doubtful identity and require further investigation (*species inquirenda*) and two more taxa possess a name of unknown or doubtful application (*nomen dubium*). Concurrently, it is relevant that the 78 reported hydrozoan and scyphozoan species (Table 5) have been addressed in only eight papers, in contrast to the 14 published articles on scleractinians, in which only 41 species were reported. These observations indicate that there are potentially far more cnidarians on the coast of Oaxaca in addition to the stony corals. This finding presents a clear message to institutions and taxonomists that there still remain large unexplored areas, as well as the largely ignored cnidarian groups in the Mexican Pacific.

### Platyhelminthes

The Phylum Platyhelminthes is poorly studied in Oaxaca. Only eight species from seven Genera and seven Families of flatworms have been recorded (Table 6). Of these, two species belong to the Class Monogenea and six to Trematoda (Manter 1937; Meserve 1938; Manter 1940; Gámez-Vivaldo *et al.* 2006). All these species are parasites of either marine fish or sea turtles. Free-living flatworms (Class Turbellaria) and parasitic flatworms of the Class Cestoda have never been recorded.

### Nemertina

This group is poorly studied in the Mexican Pacific. Only one nemertean species (Table 7) has been recorded on the coast of Oaxaca (Coe 1940).

### Annelida

The annelid fauna from Oaxaca has been the subject of limited study (Bastida-Zavala and Guevara-Cruz 2012). Only 222 species of 130 Genera and 42 Families, mostly of the Polychaete Class, have been recorded in 30 papers (Table 8). This number is limited compared to the over 700 species recorded in the Gulf of California (Hendrickx 2005). Most records were taken from extensive monographs, including Chamberlin (1919), Hartman (1939; 1940; 1941; 1944; 1950; 1961), Treadwell (1941), Rioja (1962), Fauchald (1968; 1970; 1972), Bastida-Zavala and ten Hove (2003) and Bastida-Zavala (2008). In addition, a few papers have focused on particular localities in Oaxaca, such as the studies by Gómez *et al.* (1997), Hernández-Alcántara *et al.* (2003) and Tovar-Hernández and Salazar-Vallejo (2008), or on the continental shelf of the Gulf of

Tehuantepec, including studies by Hernández-Alcántara et al. (1994), González-Ortiz et al. (1996; 1997), Hernández-Alcántara and Solís-Weiss (2000), Solís-Weiss et al. (2000) and Hernández-Alcántara et al. (2006). Other records were sourced from studies about pelagic polychaetes, such as Dales (1957), Fernández-Álamo (1987; 2000; 2002) and Fernández-Álamo and Sanvicente-Añorve (2005). Pelagic polychaetes comprise 20 species (9% of the polychaete records), with the remaining 201 species (91%) being benthic polychaetes.

Only two polychaete Families have been reviewed for the Oaxaca region: the Eunicidae and Serpulidae (Bastida-Zavala 2008; Ruiz-Cancino et al. 2011). The Eunicidae Family was the highest represented, with 21 species (9.5%), followed by Serpulidae with 18 species (8.1%), and Spionidae with 17 species (7.7%).

Some studies that include lists of species from the continental shelf of the Gulf of Tehuantepec, such as the study by Gamboa-Contreras and Tapia-García (1998), do not indicate whether species were recorded in Oaxaca or Chiapas States. These records were for this reason not included in the present checklist.

The previous list compiled by Salazar-Vallejo (1989) was the primary basis of this updated list. However, several species names (139 species, 62.9%) are questionable, either because the records have not yet been confirmed by experts, or because the names correspond to species from areas the distribution of which is at some distance from the Tropical Eastern Pacific (according to Hartman 1959; Salazar-Vallejo and Londoño-Mesa 2004; Bastida-Zavala 2008; de León-González et al. 2009; Ruiz-Cancino et al. 2011).

At least one species, *Hydroides sanctaerucis* Krøyer in Mörch, 1863, is an exotic species (Bastida-Zavala 2008). Additionally, one record of a hirudinean ectoparasite of the olive ridley turtle, *Lepidochelys olivacea* (Eschscholtz, 1829), was included (Gámez-Vivaldo et al. 2006).

## Crustaceans

Little is known about crustaceans in Oaxaca. Different checklists from the Tropical Eastern Pacific (e.g., Hendrickx 1993; Hendrickx and Harvey 1999; García-Madrugal 2008) reveal a disparity between records from the Gulf of California and those from the Mexican South Pacific (García-Madrugal et al. 2012). A total of 265 species and 153 Genera from 72 Families were obtained, based on 68 references (Table 9). These records were gathered from two sources: 1) isolated records from monographs and papers mainly related to large expeditions (e.g., Velero, Zaca, Searcher, Albatross Expeditions) from the Pacific Coast of America (Benedict 1903; Rathbun 1918; 1925; 1930; 1937; Maccagno 1928; Wilson 1937; Schmitt 1940; Holthuis 1952; Barnard 1954; Holthuis and Villalobos-Figueroa 1962; Garth 1958; 1959; 1961; 1966; Haig 1957; 1960; 1968; Garth and Stephenson 1966; Villalobos-Figueroa 1967; Efford 1971; Ball 1972; Manning 1972; Ball and Haig 1974; Glynn et al. 1975; Crane 1947; 1975; Luke 1977; Barnard and Barnard 1982; Wicksten 1978; 1983; 1984; Poore 1984; Pérez-Farfante 1985; Kim and Abele 1988; Brusca et al. 1992; Castro 1996); and 2) papers focused on ecology, fisheries, descriptions of new species or faunal studies of particular localities in Oaxaca

(Howard 1952; Sosa-Hernández et al. 1980; Carvacho and Haasmann 1984; Hendrickx and Wicksten 1989; López-Cortés 1990; Villalobos-Hiriart and Nates-Rodríguez 1990; Wicksten and Hendrickx 1992; Hendrickx 1996; 1997; 1999; 2005; Hendrickx and Esparza-Haro 1997; Hendrickx et al. 1997; Hendrickx and Espinosa-Pérez 1998; Hendrickx and Vázquez-Cureño 1998; Hernández-Aguilera 1998; Hendrickx and Harvey 1999; Barbosa-Ledesma et al. 2000; Ramírez-Luna et al. 2002; Boyko 2002; Álvarez-Silva et al. 2003; Hernández-Álvarez and Villalobos-Hiriart 2005; Gámez-Vivaldo et al. 2006; Martínez-Guerrero 2007; Ayón-Parente and Hendrickx 2007; 2009; García-Madrugal 2010; García-Madrugal and Andreu-Sánchez 2010; Jarquín-González and García-Madrugal 2010).

Studies incorporating species lists from the continental shelf of the Gulf of Tehuantepec, such as that by Gamboa-Contreras and Tapia-García (1998), or pelagic copepods, e.g. Fernández-Álamo et al. (2000), were not included in this checklist, because they do not indicate whether the species was recorded in Oaxaca or Chiapas State.

## Mollusks

Mollusks are one of the best-known invertebrate groups on the Pacific coast. Taxonomic studies began in the second half of the 19<sup>th</sup> century (García-Cubas 1986; Reguero-Reza and García-Cubas 1993; González 1993; Naranjo-García 2003). Most species collected were published in a monograph by Keen (1971); there are 3,345 species of mollusks from Baja California to Peru (Keen 1971). Skoglund (2001; 2002) recorded 2,918 gastropods and 111 chitons and, recently, Coan and Valentich-Scott (2012) have recorded 890 bivalves.

There have been few mollusk studies on the coast of Oaxaca. Inventories of the mollusk fauna have been carried out on the continental shelf (Gamboa-Contreras and Tapia-García 1998; Ríos-Jara et al. 2009) and on the coastline (Piña-Arce and Herrera-Peña 1980) of the Gulf of Tehuantepec, and have focused on the central and southern coast of the state (Holguín-Quiñones and González-Pedraza 1989; de León-Herrera 2000; Ramírez-González and Barrientos-Luján 2007) and on the Classes of cephalopods (Sánchez 2003) and polyplacophorans (Reyes-Gómez et al. 2010). Studies on mollusk communities have been carried out at the rocky intertidal zone (Zamorano et al. 2008), coral reefs (Rodríguez-Palacios et al. 1988; Zamorano et al. 2006) and lagoon systems (Zamorano et al. 2010). There have additionally been some studies aimed at shellfish of economic importance, such as the pen shell *Atrina maura* (G.B. Sowerby I, 1835) (Ahumada-Sempoal 1998; Ángel-Pérez et al. 2007) and the purple snail *Plicopurpura columellaris* (Lamarck, 1816) (Castillo-Rodríguez and Amezcua-Linares 1992; Vázquez-Gil et al. 2004). The studies of Gamboa-Contreras and Tapia-García (1998) and Alejo-Plata et al. (2001), based on the continental shelf of the Gulf of Tehuantepec, were not included in the list because the authors do not indicate whether the species were recorded in Oaxaca or Chiapas State.

In this review, the mollusk fauna of the coast of Oaxaca yielded 109 Families, 258 Genera and 462 species (Table 10). Of these, 281 were Gastropoda, 153 Bivalvia, 22 Polyplacophora and six Cephalopoda. Mollusks that lack economic importance, and that are small-sized,

inconspicuous, rare and/or living in deep waters, such as Scaphopoda, have not yet been studied (Ríos-Jara et al. 2003).

### Bryozoans

Only two references were found for bryozoans (Osburn 1953; Soule et al. 1995); the authors recorded the same species (Table 11).

### Echinoderms

Although echinoderms on the Pacific coast of Mexico have been studied since the late 19<sup>th</sup> century (Buitrón and Solís-Marín 1993), these studies did not cover the entire coast. During the 1970s, data for specimens collected in Mexican waters and deposited in foreign collections were reviewed with a number of species from the coast of Oaxaca being reported (Caso 1978; 1980; 1983). Solís-Marín et al. (1993) published a taxonomic list for the asteroids and echinoids of Mexico. After a bibliographic revision and a review of the Echinoderm National Collection (Instituto de Ciencias del Mar y Limnología, UNAM), the authors reported just six species of echinoderms for Oaxaca. There are now corrected and updated regional taxonomic lists for various localities, particularly from the north of Mexico (Bautista-Romero et al. 1994; Solís-Marín et al. 1997; Cintra-Buenrostro 2001; Solís-Marín et al. 2005; 2009), and the Mexican Caribbean and Gulf of Mexico (Laguarda-Figueras et al. 2009). However, these lists remain incomplete for the rest of the country.

Only a few basic studies have been carried out along the coast of Oaxaca, providing sparse data about the species inhabiting this zone. Deichmann (1938; 1941; 1958) recorded nine species of holothurians from the coast of Oaxaca. Benítez-Villalobos (2001) compared two reef communities of Bahías de Huatulco, recording six species of echinoderms. Zamorano and Leyte-Morales (2005) reported seasonal changes in echinoderm diversity in a bay of the Parque Nacional Huatulco, providing a list of 24 species. Honey-Escandón et al. (2008) compiled a taxonomic list for the echinoderms of the Mexican Pacific, mentioning 30 species from the coast of Oaxaca. Benítez-Villalobos et al. (2008) presented an updated list of echinoids and asteroids from the coast of Oaxaca, reporting 11 new records for this state. Granja-Fernández and López-Pérez (2011) recorded 13 species of ophiuroids from Puerto Escondido, including three new records for Oaxaca.

For the general taxonomic organization of the list, we used the criteria suggested by the following authors: Class Asteroidea, Clark (1989; 1993; 1996); Class Ophiuroidea, Matsumoto (1915) and Fell (1960); Class Echinoidea, Mortensen (1928; 1935; 1940; 1943; 1948; 1950; 1951); Class Holothuroidea, Pawson and Fell (1965).

The taxonomic list obtained from the bibliographic revision comprises 59 species from 47 Genera and 31 Families, which were distributed across four Classes (Table 12).

### Fish

In order to review the current status of fish species recorded from the coast of Oaxaca, a search was carried out of information published in books (Allen et al. 1995;

Compagno et al. 1995; McEachran and Notarbartolo-di-Sciara 1995; Castro-Aguirre and Espinosa-Pérez 1996; Tapia-García and Gutiérrez-Díaz 1998; Castro-Aguirre et al. 1999; Espinosa-Pérez et al. 2004), one electronic database (Robertson and Allen 2008) and journals (Chávez 1979; Castro-Aguirre 1982; Tapia-García et al. 1998; Tapia-García and Mendoza-Rodríguez 2005; Ramírez-Gutiérrez et al. 2007; Mendoza-Vallejo et al. 2009; López-Pérez et al. 2010). Each species was confirmed using recent data to verify synonyms. Only seven studies included lists of species from the coast of Oaxaca, mainly from coastal lagoons. These studies included: Chacahua (Mendoza-Vallejo et al. 2009), Mar Muerto (Chávez 1979; Tapia-García et al. 1998) and the Huave Lagoon System (Castro-Aguirre 1982; Tapia-García and Mendoza-Rodríguez 2005). In addition, there are only two published lists for coral reef fishes: Ramírez-Gutiérrez et al. (2007) at a locality of San Agustín Bay, Santa María Huatulco, and López-Pérez et al. (2010) from Mazunte to Huatulco.

An updated list of fish species, including teleost and elasmobranchs, has been provided (Table 13). In total, 594 species were recorded off the coast of Oaxaca, which corresponds to 313 Genera and 113 Families. Perciformes is the best represented Order, with 303 species. One endemic species was recorded, *Poeciliopsis fasciata* (Meek, 1904), which is distributed only in Chiapas and Oaxaca.

### Amphibians and reptiles

Five of the seven extant marine turtle species nest on the coast of Oaxaca (Table 14). La Escobilla is in fact probably the most important nesting beach in the world for the olive ridley *Lepidochelys olivacea* (Márquez 1990). Other important marine turtle nesting beaches are Chacahua, la Ventanilla, Morro Ayuta and Barra de la Cruz. Eight leatherback turtles *Dermochelys coriacea* (Vandelli, 1761) were recorded nesting in one night on Barra de la Cruz beach in the winter of 2001 (Meraz-Hernando pers. obs.). Several reports have been compiled for *L. olivacea* (Meraz-Hernando and Ávila-Barrientos 2007a, b) and *D. coriacea* (Sánchez-Díaz and Meraz-Hernando 2001).

The American crocodile *Crocodylus acutus* Cuvier, 1807 is a resident species at several locations along the coast, and it is even possible to observe adults moving between areas by sea. Reports of this species along the coast of Oaxaca have highlighted the importance of crocodiles in the state (Meraz-Hernando and Ávila-Nahón 2006; Brandon-Pliego 2007; García-Grajales et al. 2007; Meraz-Hernando et al. 2008). There is a single record of the sea snake *Pelamis platurus* (Linnaeus, 1758) (Meraz-Hernando 2007b), and one of a captive iguana *Ctenosaura pectinata* Wiegmann, 1834 (Villegas-Zurita 1999).

Oaxaca has several endemic amphibian and reptile species, with the turtle *Kinosternon oaxacae* Berry and Iverson, 1980 from the Colotepec and Tonameca rivers (Berry and Iverson 1980) being important for the coast, and the iguana *Ctenosaura oaxacana* Gray, 1842 from the Tehuantepec Isthmus (Köhler 2004).

Limited attention has been given to the amphibians (Table 14) that inhabit the coast of Oaxaca. There is only one report of the cane toad *Rhinella marina* (Linnaeus, 1758) (Becerril-Morales 2001). In addition, there are a few records covering the herpetofauna of the state, but

these are from restricted areas (Smith 1959; Lynch and Smith 1966).

The present list of species is based on a chapter from Casas-Andreu *et al.* (2004), and includes records obtained from several surveys along the coast of Oaxaca, as well as from captive species held at the Turtle Museum at the Mexican Center for the Study of the Turtles, on the coast of Oaxaca. In total, 37 species in 30 Genera and 15 Families were recorded (Table 14). Some reports on freshwater turtles have been included (Ippi and Flores 2001). Frost (2012) was followed for taxonomy and nomenclature of amphibians. Major changes were added for reptiles with the inclusion of the Family Colubridae and the new Family Dipsadidae from Zaher *et al.* (2009).

### Birds

Waterbird richness on the coast of Oaxaca is high, due to the rich diversity of habitats. In total, 120 species of 70 Genera and 26 Families have been recorded (Table 15). Ardeidae and Laridae are amongst the Families with the highest richness; they mainly inhabit lagoons, rivers, estuaries and cliffs. Nevertheless, the number of seabird species is relatively low, maybe because of the low abundance of small pelagic fish.

The present list of species was compiled from a comprehensive species account by Navarro-Sigüenza *et al.* (2004), in which species from the coast and the Tehuantepec Isthmus to the limits of the state were documented (Table 15). The list was restricted to species with a confirmed record in Binford (1989) and subsequent reports (Winker *et al.* 1992; Schaldach *et al.* 1997; Mellink *et al.* 1998; Meraz-Hernando 2001; Meraz-Hernando and González-Bravo 2005; González-Bravo and Meraz-Hernando 2010). In addition, world distribution reports were incorporated into the list for boobies (Nelson 1978), shorebirds (Paulson 1993), gulls (Olsen 2000), and pelicans and cormorants (Nelson 2005).

Due to several taxonomic changes made in recent years, the classification of the American Ornithologist's Union was followed, and was also based on the AOU checklist (AOU 1998) and subsequent supplements (AOU 2000; Banks *et al.* 2002; 2004; 2006; 2007; 2008; Chesser *et al.* 2010).

It is important to note that the present list includes only aquatic birds for which records have been confirmed. Some non-aquatic birds have been included because they were observed in close proximity to aquatic bodies during activities such as feeding, nesting or when seeking refuge.

### Marine mammals

The Mexican coastal area is divided into four regions, with Oaxaca being part of Zone 3 or tropical Pacific (Torres *et al.* 1995). The tropical Mexican Pacific is estimated to include 18 marine mammals, and is therefore more diverse than the Gulf of Mexico and the Caribbean, but with a richness that is lower than the north Pacific and the Gulf of California (Aguayo-Lobo *et al.* 1990).

The abrupt shape of the coastline in Oaxaca, including bays, cliffs and islands, is a refuge for several resident cetacean species. Furthermore, the influence of the cold California Current during winter (Pacheco-Sandoval 1991) promotes the presence of migrating species such as *Megaptera novaeangliae* (Borowski, 1781).

Marine mammal studies have primarily been undertaken over the last two decades, with some recent records being based on occasional sightings (Sánchez-Díaz and Meraz-Hernando 2001; Meraz-Hernando 2003) and strandings (Meraz-Hernando and Becerril-Morales 2004; Meraz-Hernando 2007a; Lira-Torres 2007). Some tentative lists contain species for which there are both possible and confirmed sightings (Aurioles-Gamboa 1993; Salinas and Ladrón-de-Guevara 1993).

Based on marine surveys, strandings, and sightings from the coast during a period of over five years, a detailed report on marine mammals has been compiled for the central coast of Oaxaca (Meraz-Hernando and Sánchez-Díaz 2008) and used as the main reference for the present list (Table 16). Other species that are likely to be present in the state were added from reliable reports (Carwardine 1995; Jefferson and Leatherwood 1995; Medrano-González *et al.* 2008) and databases of the Mexican national commission for Biodiversity (CONABIO).

One species of particular interest is *Zalophus californianus* (Lesson, 1828), which has been sighted in Oaxaca on several occasions over a period of several years. In the case of the list derived from Medrano-González *et al.* (2008), species recorded for the Tropical Pacific were considered. Two species, the ziphiidae *Mesoplodon peruvianus* Reyes, Mead and Van Waerebeek, 1991 and the otariid *Arctocephalus galapagoensis* Heller, 1904, are likely to occur in Oaxaca but were not considered due to the reduced number of sightings in Mexico (Urbán-Ramírez and Guerrero-Ruiz 2008). The list comprises 11 species from 10 Genera and three Families (Table 16).

### Conclusions

The review of 198 references for the flora and fauna of Oaxaca produced 2,157 species records, corresponding to 15 taxonomic groups (Division, Phyla or Class level) (Table 1). It was evident that floristic and faunistic knowledge is heterogeneous among the taxonomic groups. Additionally, many invertebrate groups that have been recorded in adjacent regions have not yet been recorded on the coast of Oaxaca, such as some platyhelminths (turbellarians, cestods), rotifers, nematodes, oligochaetes, sipunculids, echiurans, tardigrades, pycnogonids, some crustaceans (branchiopods, mysids, cumaceans and ostracods), brachiopods, chaetognaths, ascidians and cephalochordates.

The inventory of marine flora and fauna is far from complete, and additional effort is needed. The region could potentially be characterized as a marine hotspot, similar to the adjacent terrestrial biodiversity. This represents a major scientific gap and an opportunity for taxonomists.

**TABLE 3.** Checklist of the macroalgae recorded in marine areas from Oaxaca, Mexico. When the first published record of the species was a synonymous of a currently accepted name, this was added after '=' symbol. The nomenclature and classification followed Guiry and Guiry (2010).

Kingdom Plantae Haeckel, 1866	Reference
Division Chlorophyta Reichenbach, 1834	
Class Bryopsidophyceae Bessey, 1907	
Order Bryopsidales J.H. Schaffner, 1922	
Family Bryopsidaceae Bory de Saint-Vincent, 1829	
<i>Bryopsis hypnoides</i> J.V. Lamouroux, 1809	Mendoza-González and Mateo-Cid (1998)
<i>Bryopsis muscosa</i> J.V. Lamouroux, 1809	León-Tejera and González-González (1993)
<i>Bryopsis pennata</i> var. <i>minor</i> J. Agardh, 1887 = <i>Bryopsis pennatula</i> J. Agardh	León-Tejera and González-González (1993)
<i>Bryopsis plumosa</i> (Hudson) C. Agardh, 1823	León-Tejera and González-González (1993)
Family Caulerpaceae Kützinger, 1843	
<i>Caulerpa imbricata</i> G. Murray, 1887 = <i>Caulerpa peltata</i> Lamouroux f. <i>imbricata</i> (G. Murray) Weber-van Bosse 1898	León-Tejera <i>et al.</i> (1993)
<i>Caulerpa peltata</i> J.V. Lamouroux, 1809	Mendoza-González and Mateo-Cid (1998)
<i>Caulerpa racemosa</i> (Forsskal) J. Agardh, 1873	León-Tejera and González-González (1993)
<i>Caulerpa sertularioides</i> (S. Gmelin) M.A. Howe, 1905	León-Tejera <i>et al.</i> (1993)
<i>Caulerpa sertularioides</i> f. <i>brevipes</i> (J. Agardh) Svedelius, 1906	León-Tejera and González-González (1993)
<i>Caulerpa sertularioides</i> f. <i>longiseta</i> (Bory de Saint-Vincent) Svedelius, 1906	León-Tejera and González-González (1993)
<i>Caulerpella ambigua</i> (Okamura) Prud'homme van Reine and Lokhorst, 1992 = <i>Caulerpa vickersiae</i> Borgesen 1911	León-Tejera <i>et al.</i> (1993)
Family Codiaceae Kützinger, 1843	
<i>Codium dichotomum</i> S.F. Gray, 1821	León-Tejera and González-González (1993)
<i>Codium edule</i> P.C. Silva, 1952	León-Tejera <i>et al.</i> (1993)
<i>Codium giraffa</i> P.C. Silva, 1979	Mendoza-González and Mateo-Cid (1998)
<i>Codium setchellii</i> N.L. Gardner, 1919	León-Álvarez and González-González (1993)
Family Derbesiaceae Hauck, 1884	
<i>Derbesia hollenbergii</i> W.R. Taylor, 1945	Mendoza-González and Mateo-Cid (1999)
Family Halimedaceae Link, 1832	
<i>Halimeda discoidea</i> Decaisne, 1842	León-Tejera <i>et al.</i> (1993)
<i>Halimeda tuna</i> (J. Ellis and Solander) J.V. Lamouroux, 1846	Mendoza-González and Mateo-Cid (1998)
Family Udoteaceae J. Agardh, 1887	
<i>Chlorodesmis hildenbrandtii</i> A. Gepp and E.S. Gepp, 1911	León-Tejera <i>et al.</i> (1993)
<i>Chlorodesmis mexicana</i> W.R. Taylor, 1945	Mendoza-González and Mateo-Cid (1999)
Class Ulvophyceae K.R. Mattox and K.D. Stewart, 1978	
Order Cladophorales Haeckel, 1894	
Family Cladophoraceae W. Wille ex Warming, 1884	
<i>Chaetomorpha anteninna</i> (Bory de Saint-Vincent) Kützinger, 1847	León-Tejera and González-González (1993)
<i>Chaetomorpha brachygona</i> Harvey, 1858	León-Tejera and González-González (1993)
<i>Chaetomorpha californica</i> F.S. Collins, 1900	León-Tejera <i>et al.</i> (1993)
<i>Chaetomorpha exposita</i> (Borgesen) E.Y. Dawson, 1954	León-Tejera and González-González (1993)
<i>Chaetomorpha gracilis</i> Kützinger, 1845	León-Tejera and González-González (1993)
<i>Chaetomorpha linum</i> (O.F. Müller) Kützinger, 1845	León-Tejera and González-González (1993)
<i>Cladophora albida</i> (Nees) Kützinger, 1843	León-Tejera <i>et al.</i> (1993)
<i>Cladophora brasiliiana</i> G. Martens 1868	León-Tejera and González-González (1993)
<i>Cladophora lehmanniana</i> (Lindenberg) Kützinger, 1843 = <i>Cladophora utriculosa</i> Kützinger 1843	León-Tejera and González-González (1993)
<i>Cladophora microcladioides</i> F.S. Collins, 1909	León-Tejera <i>et al.</i> (1993)
<i>Cladophora nigrescens</i> Zanardini ex Frauenfeld, 1855	León-Tejera <i>et al.</i> (1993)
<i>Cladophora perpusilla</i> Skottsberg and Levring ex Levring, 1941	León-Tejera and González-González (1993)
<i>Cladophora prolifera</i> (Roth) Kützinger, 1843	Mendoza-González and Mateo-Cid (1998)
<i>Cladophora sericea</i> (Hudson) Kützinger, 1843	Mateo-Cid and Mendoza-González (1997)
<i>Rhizoclonium africanum</i> Kützinger, 1853	Mateo-Cid and Mendoza-González (1997)
<i>Rhizoclonium riparium</i> (Roth) Harvey, 1849 = <i>Rhizoclonium implexum</i> (Dillwyn) Kützinger	Mateo-Cid <i>et al.</i> (2005)
Order Dasycladales Pascher, 1931	
Family Dasycladaceae	
<i>Batophora oerstedii</i> J. Agardh, 1854	Mendoza-González and Mateo-Cid (1998)
Family Polyphysaceae Kützinger, 1843	
<i>Acetabularia caliculus</i> J.V. Lamouroux, 1824	León-Tejera and González-González (1993)
<i>Acetabularia crenulata</i> J.V. Lamouroux, 1816	Mendoza-González and Mateo-Cid (1998)
<i>Parvocaulis parvulus</i> (Solms-Laubach) Berger, Fettweiss, Gleissberg, Liddle, Richter, Sawitsky and Zuccarello, 2003 = <i>Acetabularia parvula</i> Solms-Laubach 1895	León-Tejera <i>et al.</i> (1993)
Order Ctenocladales P.C. Silva, 1982	
Family Ulvellaceae Schmidle, 1899	
<i>Acrochaete viridis</i> (Reinke) R. Nielsen, 1979 = <i>Entocladia viridis</i> Reinke, 1876	Mendoza-González and Mateo-Cid (1999)
Order Ulvales Blackman and Tansley, 1902	



TABLE 3. CONTINUED.

Family Phaeophilaceae Chappell, O'Kelly, Wilcox and Floyd, 1990	
<i>Phaeophila dendroides</i> (P.L. Crouan and H.M. Crouan) Batters, 1902	Mendoza-González and Mateo-Cid (1998)
<i>Phaeophila floridearum</i> Hauck, 1867 = <i>Phaeophila engleri</i> Reinke 1889	León-Tejera and González-González (1993)
Family Ulvaceae Lamouroux ex Dumortier, 1822	
<i>Blidingia marginata</i> (J. Agardh) P.J.L. Dangeard, 1958 = <i>Enteromorpha marginata</i> J. Agardh	León-Tejera and González-González (1993)
<i>Enteromorpha ramulosa</i> (J.E. Smith) Carimichael, 1833	León-Tejera and González-González (1993)
<i>Ulva acanthophora</i> (Kützinger) Hayden, Blomster, Maggs, P.C. Silva, Stanhope and J.R. Waaland, 2003 = <i>Enteromorpha acanthophora</i> Kützinger, 1879	León-Tejera and González-González (1993)
<i>Ulva clathrata</i> (Roth) C. Agardh, 1811 = <i>Enteromorpha clathrata</i> (Roth) Greville 1830	León-Tejera and González-González (1993)
<i>Ulva compressa</i> Linnaeus, 1753 = <i>Enteromorpha compressa</i> (Linnaeus) Nees 1820	León-Tejera et al. (1993)
<i>Ulva flexuosa</i> Wulfen, 1803 = <i>Enteromorpha lingulata</i> J. Agardh 1883	León-Tejera and González-González (1993)
<i>Ulva intestinalis</i> Linnaeus, 1753 = <i>Enteromorpha intestinalis</i> (Linnaeus) Nees 1820	León-Tejera and González-González (1993)
<i>Ulva lactuca</i> Linnaeus, 1753	León-Tejera et al. (1993)
<i>Ulva linza</i> Linnaeus, 1753 = <i>Enteromorpha linza</i> (Linnaeus) J. Agardh 1883	León-Tejera and González-González (1993)
<i>Ulva rigida</i> C. Agardh, 1823	Mendoza-González and Mateo-Cid 1998
<i>Ulva spinulosa</i> Okamura and Segawa, 1936	León-Tejera and González-González (1993)
Order Siphonocladales (Blackman and Tansley) Oltmanns, 1904	
Family Boodleaceae Borgesen, 1925	
<i>Phyllocladon anastomosans</i> (Harvey) Kraft and M.J. Wynne, 1996 = <i>Struvea anastomosans</i> (Harv.) Piccone and Grunow ex Piccone 1884	León-Tejera et al. (1993)
Division Rhodophyta Wettstein 1922	
Class Bangiophyceae Wettstein 1901	
Order Bangiales Schmitz ex Engler 1892	
Family Bangiaceae Engler 1892	
<i>Bangia enteromorphides</i> E.Y. Dawson, 1953	Mateo-Cid et al. (2005)
Class Compsopogonophyceae G.W. Saunders and Hommersand, 2004	
Order Erythropeltidales Garbary, Hansen and Scigel, 1980	
Family Erythrotrichiaceae G.M. Smith, 1933	
<i>Erythrocladia irregularis</i> Ronsenvinge, 1909	León-Tejera and González-González (1993)
<i>Erythrocladia pinnata</i> W.R. Taylor, 1942	León-Tejera and González-González (1993)
<i>Erythrotrichia carnea</i> (Dillwyn) J. Agardh, 1883	León-Tejera and González-González (1993)
<i>Sahlingia subintegra</i> (Rosenvinge) Kornmann, 1989	Mendoza-González and Mateo-Cid (1998)
Class Porphyridiophyceae Kylin, 1937	
Order Porphyridiales Kylin, 1937	
Family Porphyridiaceae Kylin, 1937	
<i>Bangiopsis dumontoides</i> (P.L. Crouan and H.M. Crouan) V. Krishnamurthy, 1957	León-Tejera and González-González (1993)
<i>Stylonema alsidii</i> (Zanardini) K.M. Drew, 1956 = <i>Goniotrichum alsidii</i> (Zanardini) M.A. Howe 1914	León-Tejera and González-González (1993)
Class Florideophyceae Cronquist, 1960	
Order Acrochaetiales Feldmann, 1953	
Family Acrochaetiaceae Fritsch ex W.R. Taylor, 1957	
<i>Acrochaetium microscopicum</i> (Nägeli ex Kützinger) Nägeli ex Nägeli and Cramer, 1858 = <i>Audouinella microscopica</i> (Nägeli ex Kützinger) Woelkerling 1971	Mateo-Cid and Mendoza-González (1997)
<i>Acrochaetium savianum</i> (Meneghini) Nägeli, 1862 = <i>Audouinella saviana</i> (Meneghini) Woelkerling 1973	Mateo-Cid and Mendoza-González (1997)
Order Ahnfeltiales C.A. Maggs and C.M. Pueschel, 1989	
Family Ahnfeltiaceae C.A. Maggs and C.M. Pueschel, 1989	
<i>Ahnfeltia plicata</i> (Hudson) E.M. Fries, 1836	Mendoza-González and Mateo-Cid (1998)
Order Bonnemaisoniales Feldmann and Feldmann, 1942	
Family Bonnemaisoniaceae Schmitz ex Engler, 1892	
<i>Asparagopsis taxiformis</i> (Delile) Trevisan de Saint-Léon, 1845 = <i>Falkenbergia hillebrandii</i> (Bornet) Falkenberg 1901	León-Tejera and González-González (1993)
Order Ceramiales Oltmanns, 1904	
Family Ceramiaceae Dumortier, 1822	
<i>Anotrichium tenue</i> (C. Agardh) Nägeli, 1862	León-Tejera and González-González (1993)
<i>Anotrichium tenue</i> var. <i>thyrsigerum</i> (Thwaites ex Harvey) Kim and Lee, 1992 = <i>Griffithsia tenuis</i> C. Agardh 1828	León-Tejera and González-González (1993)
<i>Anthamionella elegans</i> (Berthold) Price (Berthold) Price and John ex Price, John and Lawson, 1986	Mendoza-González and Mateo-Cid (1998)
<i>Bornetia binderiana</i> (Sonder) Zanardini, 1866	Mendoza-González and Mateo-Cid (1999)
<i>Callithamnion corymbosum</i> (Smith) Lyngbye, 1819 = <i>Callithamnion rupicola</i> C.L. Anderson 1894	Mendoza-González and Mateo-Cid (1998)
<i>Callithamnion rupicola</i> Anderson, 1894 = <i>Callithamnion uncinatum</i> E.Y. Dawson 1962	León-Tejera and González-González (1993)
<i>Centroceras clavulatum</i> (C. Agardh) Montagne, 1846	León-Tejera and González-González (1993)
<i>Ceramium affine</i> var. <i>peninsularis</i> E.Y. Dawson, 1950	León-Tejera and González-González (1993)
<i>Ceramium camouii</i> E.Y. Dawson, 1944	Mendoza-González and Mateo-Cid (1998)

TABLE 3. CONTINUED.

<i>Ceramium caudatum</i> Setchell and N.L. Gardner, 1924	León-Tejera and González-González (1993)
<i>Ceramium clarionensis</i> Setchell and N.L. Gardner, 1930	León-Tejera and González-González (1993)
<i>Ceramium gracillimum</i> f. <i>byssoides</i> (Harvey) Mazoyer, 1938	León-Tejera and González-González (1993)
<i>Ceramium hamatispinum</i> E.Y. Dawson, 1950	Mateo-Cid and Mendoza-González (1997)
<i>Ceramium macilentum</i> J. Agardh, 1894 = <i>Ceramium mazatlense</i> E.Y. Dawson 1950	León-Tejera and González-González (1993)
<i>Ceramium monacanthum</i> J. Agardh, 1894	Mendoza-González and Mateo-Cid (1998)
<i>Ceramium paniculatum</i> Okamura, 1921	León-Tejera and González-González (1993)
<i>Ceramium sinicola</i> Setchell and N.L. Gardner, 1924	Mendoza-González and Mateo-Cid (1999)
<i>Gayliella flaccida</i> (Harvey ex Kützing) Cho and Mclvor ex Cho, Boo, Hommersand, Maggs, Mclvor and Fredericq, 2008 = <i>Ceramium flaccidum</i> (Harvey ex Kützing) Ardissonne 1871	León-Tejera and González-González (1993)
<i>Gayliella taylorii</i> (E.Y. Dawson) Cho and Boo ex Cho, Boo, Hommersand, Maggs, Mclvor and Fredericq, 2008 = <i>Ceramium taylorii</i> E.Y. Dawson 1950	León-Tejera and González-González (1993)
<i>Griffithsia pacifica</i> Kylin, 1925	León-Tejera and González-González (1993)
<i>Pleonosporium globuliferum</i> Levring, 1941	León-Tejera and González-González (1993)
<i>Pleonosporium mexicanum</i> E.Y. Dawson, 1962	León-Tejera and González-González (1993)
<i>Pleonosporium rhizoideum</i> E.Y. Dawson, 1962	León-Tejera and González-González (1993)
<i>Spyridia filamentosa</i> (Wulfen) Harvey ex Hooker, 1833	Mendoza-González and Mateo-Cid (1998)
Family Dasyaceae Kützing, 1843	
<i>Dasya sinicola</i> var. <i>abyssicola</i> (E.Y. Dawson) E.Y. Dawson, 1963	Mateo-Cid and Mendoza-González (1997)
Family Delesseriaceae Bory, 1828	
<i>Cryptopleura peltata</i> (Montagne) M.J. Wynne, 2002 = <i>Cryptopleura corallinarum</i> (Nott) N.L. Gardner 1927	Mateo-Cid and Mendoza-González (1997)
<i>Hypoglossum attenuatum</i> N.L. Gardner, 1927	León-Tejera and González-González (1993)
<i>Hypoglossum attenuatum</i> N.L. Gardner. var. <i>abyssicolum</i> (W.R. Taylor) E.Y. Dawson, 1962	León-Tejera and González-González (1993)
<i>Taenioma perpallidum</i> (J. Agardh) J. Agardh, 1863 = <i>Polysiphonia perpallidum</i> J. Agardh 1847	León-Tejera and González-González (1993)
Family Rhodomelaceae J.E. Areschoug, 1847	
<i>Alsidium pusillum</i> E.Y. Dawson, 1963	Mendoza-González and Mateo-Cid (1998)
<i>Chondria arcuata</i> Hollenberg, 1945	León-Tejera et al. (1993)
<i>Chondria decipiens</i> Kylin, 1941	León-Tejera and González-González (1993)
<i>Herposiphonia hollenbergii</i> E.Y. Dawson, 1963	León-Tejera and González-González (1993)
<i>Herposiphonia secunda</i> (C. Agardh) Ambronn, 1880	León-Tejera and González-González (1993)
<i>Herposiphonia secunda</i> f. <i>tenella</i> (C. Agardh) M.J. Wynne, 1985	Mendoza-González and Mateo-Cid (1998)
<i>Herposiphonia subdisticha</i> Okamura, 1899	León-Tejera and González-González (1993)
<i>Herposiphonia tenella</i> (C. Agardh) Ambronn, 1880	León-Tejera and González-González (1993)
<i>Herposiphonia verticillata</i> (Harvey) Kylin, 1925	Mateo-Cid et al. (2005)
<i>Laurencia clarionensis</i> Setchell and N.L. Gardner, 1937	León-Tejera and González-González (1993)
<i>Laurencia hancockii</i> E.Y. Dawson, 1958	Mateo-Cid and Mendoza-González (1997)
<i>Laurencia lajolla</i> E.Y. Dawson, 1958	León-Tejera et al. (1993)
<i>Laurencia subcorymbosa</i> E.Y. Dawson, 1963	León-Tejera and González-González (1993)
<i>Laurencia voragina</i> W.R. Taylor, 1945	Mendoza-González and Mateo-Cid (1998)
<i>Neosiphonia simplex</i> (Hollenberg) Y.P. Lee, 2008 = <i>Polysiphonia simplex</i> Hollenberg 1942	León-Tejera and González-González (1993)
<i>Neosiphonia sphaerocarpa</i> (Borgesen) M.S. Kim and I.K. Lee, 1999 = <i>Polysiphonia sphaerocarpa</i> Boergesen 1918	Mendoza-González and Mateo-Cid (1999)
<i>Polysiphonia confusa</i> Hollenberg 1961	Mendoza-González and Mateo-Cid (1998)
<i>Polysiphonia decussata</i> Hollenberg, 1942	León-Tejera and González-González (1993)
<i>Polysiphonia foetidissima</i> Cocks ex Bornet, 1892	León-Tejera and González-González (1993)
<i>Polysiphonia japonica</i> var. <i>savatierei</i> (Hariot) Yoon, 1986 = <i>Polysiphonia savatierei</i> Hariot 1891	Mendoza-González and Mateo-Cid (1998)
<i>Polysiphonia scopolorum</i> var. <i>villum</i> (J. Agardh) Hollenberg, 1968	Mendoza-González and Mateo-Cid (1998)
<i>Polysiphonia sertularioides</i> (Grateloup) J. Agardh, 1863 = <i>Polysiphonia flaccidissima</i> Hollenberg 1942	Mendoza-González and Mateo-Cid (1998)
<i>Polysiphonia sonorensis</i> Hollenberg, 1942	León-Tejera and González-González (1993)
<i>Tayloriella dictyurus</i> (J. Agardh) Kylin, 1956	León-Tejera and González-González (1993)
Order Corallinales P.C. Silva and H.W. Johansen, 1986	
Family Corallinaceae J.V. Lamouroux, 1812	
<i>Amphiroa beauvoisii</i> J.V. Lamouroux, 1816 = <i>Amphiroa mexicana</i> W.R. Taylor 1945	León-Tejera et al. (1993)
<i>Amphiroa crosslandii</i> M. Lemoine, 1929	León-Tejera and González-González (1993)
<i>Amphiroa dimorpha</i> M. Lemoine, 1929	León-Tejera et al. (1993)
<i>Amphiroa galapaguensis</i> W.R. Taylor, 1945	León-Tejera and González-González (1993)
<i>Amphiroa magdalensis</i> E.Y. Dawson, 1953	León-Tejera and González-González (1993)
<i>Amphiroa minutissima</i> W.R. Taylor, 1945	León-Tejera and González-González (1993)
<i>Amphiroa misakiensis</i> Yendo, 1902 = <i>Amphiroa brevianiceps</i> E.Y. Dawson 1953	León-Tejera et al. (1993)
<i>Amphiroa rigida</i> J.V. Lamouroux, 1816	León-Tejera and González-González (1993)
<i>Amphiroa taylorii</i> E.Y. Dawson, 1953	León-Tejera and González-González (1993)
<i>Amphiroa valonioides</i> Yendo, 1902	Mendoza-González and Mateo-Cid (1998)

TABLE 3. CONTINUED.

<i>Hydrolithon farinosum</i> J.V. Lamouroux) D. Penrose and Y.M. Chamberlain, 1993 = <i>Fosliella farinosa</i> (J.V. Lamouroux) M.A. Howe	León-Álvarez and González-González (1993)
<i>Hydrolithon onkodes</i> (Heydrich) D. Penrose and Woelkerling, 1992	Fragoso and Rodríguez (2002)
<i>Hydrolithon rupestre</i> (Foslie) Penrose, 1996	Fragoso and Rodríguez (2002)
<i>Hydrolithon samoëense</i> (Foslie) Keats and Y.M. Chamberlain, 1994 = <i>Lithophyllum samoëense</i> Foslie 1906	Mendoza-González and Mateo-Cid (1998)
<i>Jania adhaerens</i> J.V. Lamouroux, 1816	León-Tejera and González-González (1993)
<i>Jania capillacea</i> Harvey, 1853	León-Tejera and González-González (1993)
<i>Jania pacifica</i> Areschoug, 1852	León-Tejera <i>et al.</i> (1993)
<i>Jania pumila</i> J.V. Lamouroux, 1816	León-Tejera and González-González (1993)
<i>Jania tenella</i> (Kützting) Grunow, 1874	León-Tejera and González-González (1993)
<i>Lithophyllum corallinae</i> (P.L. Crouan and H.M. Crouan) Heydrich, 1897	Fragoso and Rodríguez (2002)
<i>Lithophyllum decussatum</i> (J. Ellis and Solander) Philippi, 1837 = <i>Lithophyllum farlowii</i> Heydrich 1901	Mendoza-González and Mateo-Cid (1999)
<i>Lithophyllum dispar</i> (Foslie) Foslie, 1909 = <i>Titanoderma dispar</i> (Foslie) Woelkerling, Y. M. Chamberlain and P.C. Silva 1985	Mateo-Cid and Mendoza-González (1997)
<i>Lithophyllum imitans</i> Foslie, 1909	León-Álvarez and González-González (1993)
<i>Lithophyllum lithophylloides</i> Heydrich, 1901	León-Álvarez and González-González (1993)
<i>Lithophyllum stictaeforme</i> (J.E. Areschoug) Hauck, 1877 = <i>Lithophyllum frondosum</i> (Dufour) G. Furnari, Cormaci and Alongi 1996	Fragoso and Rodríguez (2002)
<i>Neogoniolithon trichotomum</i> (Heydrich) Setchell and L.R. Mason, 1943 = <i>Lithophyllum trichotomum</i> (Heydrich) Me. Lemoine 1929	León-Álvarez and González-González (1993)
<i>Pneophyllum confervicola</i> (Kützting) Y.M. Chamberlain, 1983 = <i>Heteroderma minutulum</i> (Foslie) Foslie 1909	León-Álvarez and González-González (1993)
<i>Pneophyllum cornicum</i> (E.Y. Dawson) Keats, Y.M. Chamberlain and Baba, 1997	Mendoza-González and Mateo-Cid (1998)
<i>Pneophyllum fragile</i> Kützting, 1843	Mendoza-González and Mateo-Cid (1998)
<i>Spongites decipiens</i> (Foslie) Y.M. Chamberlain, 1993	Mendoza-González and Mateo-Cid (1998)
<i>Spongites fructiculosa</i> Kützting, 1842	León-Álvarez and González-González (1993)
Family Hapalidiaceae J.E. Gray, 1864	
<i>Choreonema thuretii</i> (Bornet) F. Schmitz, 1889	Mendoza-González and Mateo-Cid (1998)
<i>Leptophyllum microsporium</i> (Foslie) Athanasiadis and Adey, 2006 = <i>Lithothamnion microsporium</i> (Foslie) Foslie 1929	Mendoza-González and Mateo-Cid (1998)
<i>Lithothamnion australe</i> Foslie, 1904	León-Álvarez and González-González (1993)
<i>Melobesia membranacea</i> (Esper) J.V. Lamouroux, 1812	Fragoso and Rodríguez (2002)
<i>Phymatolithon lenormandii</i> (J.E. Areschoug) W.H. Adey = <i>Lithothamnion lenormandii</i> (J. E. Areschoug) Foslie 1895	León-Álvarez and González-González (1993)
Order Halymeniales G.W. Saunders and G.T. Kraft, 1996	
Family Halymeniaceae Kützting, 1847	
<i>Grateloupia angusta</i> (Okamura) Kawaguchi and Wang ex Wang, Kawaguchi, Horiguchi and Masuda, 2001 = <i>Cryptonemia angustata</i> Okamura 1895	Mateo-Cid <i>et al.</i> (2005)
<i>Grateloupia filicina</i> (J.V. Lamouroux) C. Agardh, 1822	León-Tejera and González-González (1993)
<i>Grateloupia huertana</i> Mateo-Cid, Mendoza-González and Gavio, 2005	Mateo-Cid <i>et al.</i> (2005)
<i>Grateloupia maxima</i> (Gardner) Kylin, 1941	León-Tejera and González-González (1993)
<i>Grateloupia prolongata</i> J. Agardh, 1847	León-Tejera and González-González (1993)
<i>Grateloupia versicolor</i> (J. Agardh) J. Agardh, 1847	León-Tejera and González-González (1993)
Order Peyssonneliales D.M. Kraysesky, Fredericq and J.N. Norris, 2009	
Family Peyssonneliaceae Denizot, 1968	
<i>Peyssonnelia mexicana</i> E.Y. Dawson, 1953	León-Álvarez and González-González (1993)
<i>Peyssonnelia orientalis</i> (Weber-van Bosse) Cormaci and G. Furnari, 1987	Mendoza-González and Mateo-Cid (1999)
<i>Peyssonnelia pacifica</i> Kylin, 1925	León-Tejera and González-González (1993)
Order Gelidiales Kylin 1923	
Family Gelidiaceae Kützting, 1843	
<i>Gelidium crinale</i> (Hare ex Turner) Gaillon, 1828	León-Tejera and González-González (1993)
<i>Gelidium isabellae</i> W.R. Taylor, 1945	Mateo-Cid <i>et al.</i> (2005)
<i>Gelidium microdentatum</i> E.Y. Dawson, 1953	Mateo-Cid and Mendoza-González (1997)
<i>Gelidium pusillum</i> (Stackhouse) Le Jolis, 1863	León-Tejera <i>et al.</i> (1993)
<i>Gelidium sclerophyllum</i> W.R. Taylor, 1945	León-Tejera and González-González (1993)
<i>Pterocladia bulbosa</i> (N.H. Loomis) Santelices, 1997 = <i>Pterocladia bulbosa</i> N.H. Loomis 1960	León-Tejera and González-González (1993)
Family Gelidiellaceae Fan 1961	
<i>Gelidiella acerosa</i> (Forsskål) Feldmann and G. Hainel, 1934	Mendoza-González and Mateo-Cid (1998)
<i>Gelidiella hancockii</i> E.Y. Dawson, 1944	León-Tejera and González-González (1993)
<i>Gelidiella ligulata</i> E.Y. Dawson, 1953	León-Tejera and González-González (1993)
Order Gigartinales Schmitz ex Engler, 1892	
Family Dicranemataceae Kylin, 1932	
<i>Dicranema rosaliae</i> Setchell and Gardner, 1924	León-Tejera and González-González (1993)

TABLE 3. CONTINUED.

Family Hypneaceae J. Agardh, 1851	
<i>Hypnea johnstonii</i> Setchell and N.L. Gardner, 1924	Mendoza-González and Mateo-Cid (1999)
<i>Hypnea pannosa</i> J. Agardh, 1847	León-Tejera and González-González (1993)
<i>Hypnea spinella</i> (C. Agardh) Kützing, 1847	León-Tejera <i>et al.</i> (1993)
Family Phylloporaceae Nägeli, 1847	
<i>Ahnfeltiopsis concinna</i> (J. Agardh) P.C. Silva and DeCew, 1992	León-Tejera and González-González (1993)
<i>Ahnfeltiopsis gigartinoides</i> (J. Agardh) P.C. Silva and DeCew, 1992	León-Tejera and González-González (1993)
<i>Ahnfeltiopsis serenei</i> (E.Y. Dawson) Masuda, 1993 = <i>Gymnogongrus serenei</i> E.Y. Dawson 1954	León-Tejera and González-González (1993)
<i>Gymnogongrus crustiforme</i> E.Y. Dawson, 1961	León-Tejera and González-González (1993)
<i>Gymnogongrus johnstonii</i> (Setchell and N.L. Gardner) E.Y. Dawson, 1961	León-Tejera and González-González (1993)
<i>Petrocelis anastomosans</i> E.Y. Dawson, 1961	León-Álvarez and González-González (1993)
Order Nemastomatales Kylin, 1925	
Family Nemastomataceae Schmitz, 1892	
<i>Predaea subpeltata</i> E.Y. Dawson, 1960	León-Álvarez and González-González (1993)
Order Gracilariales Fredericq S. and M.H. Hommersand, 1989	
Family Gracilariaceae Nägeli, 1847	
<i>Gracilaria bursa-pastoris</i> (S.G. Gmelin) P.C. Silva, 1952	Mendoza-González and Mateo-Cid (1998)
<i>Gracilaria crispata</i> Setchell and N.L. Gardner, 1924	Mendoza-González and Mateo-Cid (1998)
<i>Gracilaria pachydermatica</i> Setchell and N.L. Gardner, 1924	Mateo-Cid and Mendoza-González (1997)
<i>Gracilaria parvispora</i> I.A. Abbott, 1985	Dreckmann (1999)
<i>Gracilaria ramisecunda</i> E.Y. Dawson, 1949	Mendoza-González and Mateo-Cid (1999)
<i>Gracilaria symmetrica</i> E.Y. Dawson, 1949	León-Tejera and González-González (1993)
<i>Gracilaria tepocensis</i> (E.Y. Dawson) E.Y. Dawson, 1961	Mateo-Cid and Mendoza-González (1997)
<i>Gracilaria veleroae</i> E.Y. Dawson, 1944	Mendoza-González and Mateo-Cid (1998)
<i>Gracilaria verrucosa</i> (Hudson) Papenfus, 1950	León-Tejera and González-González (1993)
<i>Gracilariopsis andersonii</i> (Grunow) E.Y. Dawson, 1949 = <i>Gracilariopsis sjoestedii</i> (Kylin) E.Y. Dawson 1949	León-Tejera and González-González (1993)
Order Halymeniales G.W. Saunders and G.T. Kraft, 1996	
Family Halymeniaceae Kützing, 1867	
<i>Prionitis sternbergii</i> (C. Agardh) J. Agardh, 1851 = <i>Zanardinula sternbergii</i> (C. Agardh) G. De Toni 1936	León-Tejera and González-González (1993)
Order Hildenbrandiales Poeschel and Cole, 1982	
Family Hildenbrandiaceae Rabenhorst, 1868	
<i>Hildenbrandia rubra</i> (Sommerfelt) Meneghini, 1841	León-Tejera <i>et al.</i> (1993)
Order Nemaliales Schmitz ex Engler, 1892	
Family Galaxauraceae P.G. Parkinson, 1983	
<i>Galaxaura rugosa</i> (J. Ellis and Solander) J.V. Lamouroux, 1816	León-Tejera <i>et al.</i> (1993)
<i>Scinaia latifrons</i> M.A. Howe, 1911	León-Tejera and González-González (1993)
<i>Tricleocarpa cylindrica</i> (J. Ellis and Solander) Huisman and Borowitzka, 1990 = <i>Galaxaura fastigiata</i> Decaisne 1842	León-Tejera <i>et al.</i> (1993)
Family Liagoraceae Kützing, 1843	
<i>Dermonema virens</i> (J. Agardh) Pedroche and Ávila-Ortiz, 1996 = <i>Nemalion virens</i> J. Agardh 1847	León-Tejera and González-González (1993)
Order Rhodymeniales Schmitz ex Engler, 1892	
Family Champiaceae Kützing, 1843	
<i>Champia parvula</i> (C. Agardh) Harvey, 1853	León-Tejera and González-González (1993)
Family Rhodymeniaceae Harvey, 1849	
<i>Gelidiopsis variabilis</i> (Greville ex J. Agardh) Schmitz, 1895 = <i>Gelidiopsis tenuis</i> Setchell and Gardner 1924	León-Tejera <i>et al.</i> (1993)
<i>Microphyllum crispum</i> (W.R. Taylor) E.Y. Dawson, 1963	Mateo-Cid and Mendoza-González (1997)
<i>Rhodymenia divaricata</i> E.Y. Dawson, 1941	León-Tejera and González-González (1993)
<b>Kingdom Chromista Cavalier-Smith, 1981</b>	
Class Phaeophyceae Kjellman, 1891	
Order Dictyotales Bory de Saint-Vincent, 1828	
Family Dictyotaceae J.V. Lamouroux ex Dumortier, 1822	
<i>Dictyota binghamiae</i> J. Agardh, 1894 = <i>Pachydictyon binghamiae</i> (J. Agardh) E.Y. Dawson 1950	León-Tejera and González-González (1993)
<i>Dictyota crenulata</i> J. Agardh, 1847	León-Tejera and González-González (1993)
<i>Dictyota dichotoma</i> (Hudson) J.V. Lamouroux, 1809	León-Tejera <i>et al.</i> (1993)
<i>Dictyota dichotoma</i> var. <i>intricata</i> (C. Agardh) Greville, 1830 = <i>Dictyota divaricata</i> J.V. Lamouroux 1809	León-Tejera and González-González (1993)
<i>Dictyota flabellata</i> (F.S. Collins) Setchell and N.L. Gardner, 1924	León-Tejera and González-González (1993)
<i>Dictyota friabilis</i> Setchell, 1926 = <i>Dictyota pfafl</i> Schnetter 1972	León-Tejera <i>et al.</i> (1993)
<i>Dictyota pinnata</i> (E.Y. Dawson) I. Hörnig, R. Schnetteret and Prud'homme van Reine, 1993	Mendoza-González and Mateo-Cid (1998)
<i>Dictyopteris delicatula</i> J.V. Lamouroux, 1809	Mendoza-González and Mateo-Cid (1998)
<i>Lobophora variegata</i> (J.V. Lamouroux) Womersley ex E.C. Oliveira, 1977	León-Álvarez and González-González (1993)

TABLE 3. CONTINUED.

<i>Padina caulescens</i> Thivy ex W.R. Taylor, 1945	Mateo-Cid and Mendoza-González (1997)
<i>Padina crispata</i> Thivy ex W.R. Taylor, 1945	León-Tejera and González-González (1993)
<i>Padina durvillaei</i> Bory Saint-Vincent, 1827	León-Tejera <i>et al.</i> (1993)
<i>Padina gymnospora</i> (Kützing) Sonder, 1871	León-Tejera <i>et al.</i> (1993)
<i>Padina mexicana</i> E.Y. Dawson, 1944	Mendoza-González and Mateo-Cid (1998)
<i>P. mexicana</i> var. <i>erecta</i> Ávila-Ortiz, 2003	Ávila-Ortiz (2003)
Order Ectocarpales Bessey, 1907	
Family Acinetosporaceae Hamel ex J. Feldmann, 1937	
<i>Feldmannia cylindrica</i> (Saunders) Hollenberg and I.A. Abbott, 1966	León-Tejera <i>et al.</i> (1993)
<i>Feldmannia indica</i> (Sonder) (Sonder) Womersley and A. Bailey, 1970	León-Tejera and González-González (1993)
<i>Hincksia mitchelliae</i> (Harvey) P.C. Silva ex Silva, Meñez and Moe, 1987	León-Tejera and González-González (1993)
<i>Hincksia rallsiae</i> (Vickers) ex P.C. Silva, Meñez and Moe, 1987	Mateo-Cid and Mendoza-González (1997)
Family Chordariaceae Greville, 1830	
<i>Kuetzingiella elachistaeformis</i> (Heydrich) M. Balakrishnan and Kinkar, 1981 = <i>Feldmannia elachistaeformis</i> (Heydrich) Pham-Hoàng Hồ 1969	León-Tejera <i>et al.</i> (1993)
Family Ectocarpaceae C. Agardh, 1828	
<i>Ectocarpus commensalis</i> Setchell and N.L. Gardner, 1922 = <i>Ectocarpus parvus</i> (De A. Saunders) H. Hollenberg 1971	Mendoza-González and Mateo-Cid (1998)
<i>Ectocarpus siliculosus</i> var. <i>dasyacarpus</i> (Kuckuck) Gallardo, 1992 = <i>Ectocarpus confervoides</i> (Roth) Le Jol. var. <i>dasycarpa</i> (Kuckuck) Rosenvinge and Lund 1941	León-Tejera <i>et al.</i> (1993)
<i>Ectocarpus siliculosus</i> var. <i>pygmaeus</i> (J.E. Areschoug) Gallardo, 1992 = <i>Ectocarpus confervoides</i> (Roth) Le Jolis. var. <i>pygmaeus</i> (J. Areschoug) Rosenvinge 1893	León-Tejera <i>et al.</i> (1993)
Order Fucales Bory de Saint-Vincent, 1827	
Family Sargassaceae Kützing, 1843	
<i>Sargassum howellii</i> Setchell, 1937	Mendoza-González and Mateo-Cid (1998)
<i>Sargassum liebmanii</i> J. Agardh, 1847	León-Tejera <i>et al.</i> (1993)
Order Ralfsiales Nakamura ex Lim and Kawai ex Lim, Sakaguchi, Hanyuda, Kogame, Phang and Kawai, 2007	
Family Ralfsiaceae Farlow, 1881	
<i>Ralfsia confusa</i> Hollenberg, 1969	León-Tejera <i>et al.</i> (1993)
<i>Ralfsia hancockii</i> E.Y. Dawson, 1944	León-Álvarez and González-González (1993)
<i>Stragularia clavata</i> (Harvey) G. Hamel, 1939	León-Álvarez and González-González (1993)
Order Scytosiphonales Feldmann, 1949	
Family Chnoosporaceae Setchell and N.L. Gardner, 1925	
<i>Chnoospora minima</i> (Hering) Papenfuss, 1956	León-Tejera and González-González (1993)
Family Scytosiphonaceae Farlow, 1881	
<i>Colpomenia ramosa</i> W.R. Taylor, 1945	Mateo-Cid and Mendoza-González (1997)
<i>Diplura simulans</i> Hollenberg, 1969	León-Tejera <i>et al.</i> (1993)
<i>Rosenvingea antillarum</i> (P.L. Crouan and H.M. Crouan) M.J. Wynne, 1997	Aguilar-Rosas <i>et al.</i> (2009)
<i>Rosenvingea floridana</i> (W.R. Taylor) W.R. Taylor, 1955	Mendoza-González and Mateo-Cid (1998)
Order Scytothamiales A.F. Peters and M.N. Clayton, 1998	
Family Scytothamnaceae Womersley, 1987	
<i>Asteronema breviarticulatum</i> (J. Agardh) Ouriques and Bouzon, 2000 = <i>Ectocarpus breviarticulatus</i> J. Agardh 1847	León-Tejera and González-González (1993)
Order Sphacelariales Migula, 1909	
Family Sphacelariaceae Decaisne, 1842	
<i>Hapalospongidion gelatinosum</i> De A. Saunders, 1899	León-Tejera <i>et al.</i> (1993)
<i>Pseudolithoderma nigrum</i> Hollenberg, 1969	León-Álvarez and González-González (1993)
<i>Sphacelaria rigidula</i> Kützing, 1843	León-Tejera <i>et al.</i> (1993)
<i>Sphacelaria tribuloides meneghini</i> 1840	León-Tejera <i>et al.</i> (1993)

TABLE 4. Checklist of the sponges recorded in the marine areas of Oaxaca, Mexico.

Phylum Porifera Grant, 1836	Reference
Class Demospongiae Sollas, 1885	
Order Astrophorida Sollas, 1887	
Family Thoosidae Cockerell, 1925	
<i>Thoosa calpulli</i> Carballo, Cruz-Barraza and Gómez, 2004	Carballo <i>et al.</i> (2008a)
Order Chondrosida Boury-Esnault and López, 1985	
Family Chondrillidae Gray, 1872	
<i>Chondrilla montanusa</i> Carballo, Gómez, Cruz-Barraza and Flores-Sánchez, 2003	Carballo <i>et al.</i> (2003)
<i>Chondrosia tenochca</i> Carballo, Gómez, Cruz-Barraza and Flores-Sánchez, 2003	Carballo <i>et al.</i> (2003)
Order Hadromeridae Topsent, 1894	
Family Clionidae d'Orbigny, 1851	
<i>Cliona mucronata</i> Sollas, 1878	Bautista-Guerrero <i>et al.</i> (2006)

TABLE 4. CONTINUED.

<i>Cliona pocillopora</i> Bautista-Guerrero, Carballo, Cruz-Barraza and Nava, 2006	Bautista-Guerrero <i>et al.</i> (2006)
<i>Cliona tropicalis</i> Cruz-Barraza, Carballo, Bautista-Guerrero and Nava, 2011	Cruz-Barraza <i>et al.</i> (2011)
<i>Cliona vermifera</i> Hancock, 1867	Carballo <i>et al.</i> (2008a)
<i>Cliona</i> sp. Carballo, Bautista-Guerrero and Leyte-Morales, 2008	Carballo <i>et al.</i> (2008a)
<i>Cliothisa hancocki</i> (Topsent, 1888)	Carballo <i>et al.</i> (2008a)
<i>Cliothisa tylostrongylata</i> Cruz-Barraza, Carballo, Bautista-Guerrero and Nava, 2011	Cruz-Barraza <i>et al.</i> (2011)
<i>Pione carpenteri</i> (Hancock, 1867)	Carballo <i>et al.</i> (2008a)
Order Haplosclerida Topsent, 1928	
Family Callyspongiidae de Laubenfels, 1936	
<i>Callyspongia californica</i> Dickinson, 1945	Dickinson (1945)
Family Niphatidae van Soest, 1980	
<i>Amphimedon textoli</i> Cruz-Barraza and Carballo, 2008	Cruz-Barraza and Carballo (2008)
Family Phloeodictyidae Carter, 1882	
<i>Aka cryptica</i> Carballo, Hepburn, Nava, Cruz-Barraza and Bautista-Guerrero, 2007	Carballo <i>et al.</i> (2007)
Order Poecilosclerida Topsent, 1928	
Family Mycalidae Lundbeck, 1905	
<i>Mycale (Carmia) cecilia</i> de Laubenfels, 1936	Carballo and Cruz-Barraza (2010)
<i>Mycale (Carmia) aff. magnirhaphidifera</i> van Soest, 1984	Carballo and Cruz-Barraza (2010)
Order Verongida Bergquist, 1978	
Family Aplysinidae Carter, 1875	
<i>Aplysina gerardogreeni</i> Gómez and Bakus, 1992	Gómez and Bakus (1992)

TABLE 5. Checklist of the cnidarians recorded in marine areas from Oaxaca, Mexico. Order according to Daly *et al.* (2007).

Phylum Cnidaria Hatschek, 1888	Reference
Class Anthozoa Ehrenberg, 1834	
SubClass Hexacorallia Haeckel 1866	
Order Scleractinia Bourne, 1900	
SubOrder Astrocoeniina Vaughan and Wells, 1943	
Family Pocilloporidae Gray, 1842	
<i>Madracis pharensis</i> (Heller, 1868)	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Pocillopora capitata</i> Verrill, 1864	Palmer (1928)
<i>Pocillopora damicornis</i> (Linnaeus, 1758)	Squires (1959)
<i>Pocillopora effusus</i> Veron, 2000	Glynn and Ault (2000)
<i>Pocillopora elegans</i> Dana, 1846	Reyes-Bonilla <i>et al.</i> (2005)
<i>Pocillopora eydouxi</i> Milne-Edwards and Haime, 1860	Palmer (1928)
<i>Pocillopora inflata</i> Glynn, 1999	Leyte-Morales (1997)
<i>Pocillopora meandrina</i> Dana, 1846	Glynn and Leyte-Morales (1997)
<i>Pocillopora verrucosa</i> (Ellis and Solander, 1786)	Leyte-Morales (1997)
SubOrder Fungiina Verrill, 1865	
Family Agariciidae Gray, 1847	
<i>Gardineroseris planulata</i> (Dana, 1846)	Leyte-Morales (1997)
<i>Leptoseris papyracea</i> (Dana, 1846)	Leyte-Morales <i>et al.</i> (2001)
<i>Pavona clavus</i> (Dana, 1846)	Leyte-Morales (1997)
<i>Pavona gigantea</i> Verrill, 1869	Durham (1947)
<i>Pavona varians</i> Verrill, 1964	Leyte-Morales (1997)
Family Fungiacyathidae Chevalier, 1987	
<i>Fungiacyathus marenzelleri</i> (Vaughan, 1906)	Reyes-Bonilla and Cruz-Piñón (2000)
Family Fungiidae Dana, 1846	
<i>Fungia distorta</i> Michelin, 1842	Reyes-Bonilla <i>et al.</i> (2005)
Family Poritidae Gray, 1842	
<i>Porites panamensis</i> Verrill, 1866	Palmer (1928)
Family Siderastreidae Vaughan and Wells, 1943	
<i>Psammocora stellata</i> (Verrill, 1866)	Glynn and Leyte-Morales (1997)
SubOrder Faviina Vaughan and Wells, 1943	
Family Oculinidae Gray, 1847	
<i>Madrepora oculata</i> Linnaeus, 1758	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Oculina profunda</i> Cairns, 1991	Reyes-Bonilla and Cruz-Piñón (2000)
Family Rhizangiidae D'Orbigny, 1851	
<i>Astrangia browni</i> Palmer, 1928	Palmer (1928)
<i>Astrangia costata</i> Verrill, 1866	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Astrangia dentata</i> Verrill, 1866	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Astrangia haimei</i> Verrill, 1866	Palmer (1928)
<i>Astrangia tangolaensis</i> Durham, 1947	Durham (1947)

TABLE 5. CONTINUED.

<i>Coenangia conferta</i> Verril, 1870	Reyes-Bonilla and Cruz-Piñón (2000)
SubOrder Caryophyllina Vaughan and Wells, 1943	
Family Caryophylliidae Dana, 1846	
<i>Caryophyllia diomedea</i> Marenzeller, 1904	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Coenocyathus bowersi</i> Vaughan, 1906	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Desmophyllum dianthus</i> (Esper, 1794)	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Lophelia pertusa</i> (Linnaeus, 1758)	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Paracyathus humilis</i> Verrill, 1870	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Phyllangia consagensis</i> (Durham and Barnard, 1952)	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Phyllangia dispersa</i> Verrill, 1864	Reyes-Bonilla and Cruz-Piñón (2000)
Family Flabellidae Bourne, 1905	
<i>Javania caileti</i> (Duchassaing and Michelotti, 1864)	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Polymyces montereyensis</i> (Durham, 1947)	Reyes-Bonilla and Cruz-Piñón (2000)
Family Turbinoliidae Milne-Edwards and Haime, 1848	
<i>Sphenotrochus hancocki</i> Durham and Barnard, 1952	Reyes-Bonilla and Cruz-Piñón (2000)
SubOrder Dendrophylliina Vaughan and Wells, 1943	
Family Dendrophylliidae Gray, 1847	
<i>Balanophyllia cedrosensis</i> Durham, 1947	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Cladopsammia eguchii</i> (Wells, 1982)	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Dendrophyllia oldroydae</i> Oldroyd, 1924	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Endopachys grayi</i> Milne-Edwards and Haime, 1848	Reyes-Bonilla and Cruz-Piñón (2000)
<i>Tubastraea coccinea</i> Lesson, 1829	Reyes-Bonilla <i>et al.</i> (1997)
SubClass Octocorallia Haeckel, 1866	
Order Alcyonacea Lamouroux, 1816	
Family Plexauridae Gray, 1859	
Plexauriidae sp. (Luke, 1998)	Luke (1998)
Order Pennatulacea Verrill, 1865	
Family Pennatulidae Ehrenberg, 1828	
<i>Ptilosarcus undulatus</i> (Verrill, 1865)	Luke (1998)
Family Renillidae Gray, 1860	
<i>Renilla</i> sp. (Luke, 1998)	Luke (1998)
Class Hydrozoa Owen, 1843	
SubClass Hydroidolina Collins, 2000	
Order Anthoathecata Cornelius, 1992	
SubOrder Filifera Kühn, 1913	
Family Bougainvilliidae Lütken, 1850	
<i>Bougainvillia crassa</i> Fraser, 1938	Fraser (1938a)
<i>Bougainvillia robusta</i> (Fraser, 1938) ( <i>species inquirenda</i> )	Fraser (1938a)
Family Eudendriidae Agassiz, 1862	
<i>Eudendrium ramosum</i> (Linnaeus, 1758)	Fraser (1938a)
<i>Eudendrium tenellum</i> Allman, 1877 ( <i>species inquirenda</i> )	Fraser (1938a)
Family Hydractiniidae Agassiz, 1862	
<i>Hydractinia apicata</i> (Kramp, 1959)	Segura-Puertas (1984)
<i>Hydractinia carolinae</i> Fraser, 1912	Fraser (1938a)
Family Oceaniidae Eschscholtz, 1829	
<i>Garveia laxa</i> (Fraser, 1938) ( <i>species inquirenda</i> )	Fraser (1938a)
<i>Tubiclava triserialis</i> Fraser, 1938 ( <i>nomen dubium</i> )	Fraser (1938a)
<i>Turritopsis nutricula</i> McCrady, 1857	Fraser (1938a)
Family Pandeidae Haeckel, 1879	
<i>Halitholus pauper</i> Hartlaub, 1913	Segura-Puertas (1984)
<i>Leuckartiara zacae</i> Bigelow, 1940	Segura-Puertas (1984)
<i>Leuckartiara octona</i> (Fleming, 1823)	Fraser (1938a)
Family Proboscidactylidae Hand and Hendrickson, 1950	
<i>Proboscidactyla ornata</i> (McCrady, 1859)	Segura-Puertas (1984)
Family Rathkeidae Russell, 1953	
<i>Lizzia alvarinoae</i> Segura, 1980	Segura-Puertas (1984)
<i>Lizzia ferrarii</i> Segura, 1980	Segura-Puertas (1984)
<i>Lizzia gracilis</i> (Mayer, 1900)	Segura-Puertas (1984)
<i>Podocorynoides minima</i> (Trinci, 1903)	Segura-Puertas (1984)
SubOrder Capitata Kühn, 1913	
Family Corymorphidae Allman, 1872	
<i>Euphysilla pyramidata</i> Kramp, 1955	Segura-Puertas (1984)

TABLE 5. CONTINUED.

Family Tubulariidae Fleming, 1828	
<i>Ectopleura sacculifera</i> Kramp, 1957	Segura-Puertas (1984)
Family Zancleidae Russell, 1953	
<i>Zanclaea costata</i> Gegenbaur, 1857	Segura-Puertas (1984)
Order Leptothecata Cornelius, 1982	
SubOrder Conica Broch, 1910	
Family Aequoreidae Eschscholtz, 1829	
<i>Aequorea coerulescens</i> (Brandt, 1838)	Segura-Puertas (1984)
Family Eirenidae Haeckel, 1879	
<i>Phialopsis diegensis</i> Torrey, 1909	Segura-Puertas (1984)
Family Haleciidae Hincks, 1868	
<i>Endothecium reduplicatum</i> Fraser, 1935	Fraser (1948)
<i>Halecium beanii</i> (Johnston, 1838)	Fraser (1938a)
<i>Halecium flabellatum</i> Fraser, 1935	Fraser (1938a)
<i>Halecium halecinum</i> (Linnaeus, 1758)	Fraser (1938a)
Family Halopterididae Millard, 1962	
<i>Antennella secundaria</i> (Gmelin, 1791)	Fraser (1938a)
<i>Monostaechas quadridens</i> (McCrary, 1859)	Fraser (1938a)
Family Hebellidae Fraser, 1912	
<i>Scandia expansa</i> Fraser, 1938 ( <i>nomen dubium</i> )	Fraser (1938b)
Family Lafoeidae Hincks, 1868	
<i>Filillum serpens</i> (Hassall, 1848)	Fraser (1938a)
Family Lovenellidae Russell, 1953	
<i>Eucheilota comata</i> (Bigelow, 1909)	Segura-Puertas (1984)
<i>Eucheilota menoni</i> A. Agassiz, 1862	Segura-Puertas (1984)
<i>Lovenella nodosa</i> Fraser, 1938	Fraser (1938a)
Family Malagazziidae Bouillon, 1984	
<i>Octophialucium bigelowi</i> Kramp, 1955	Segura-Puertas (1984)
Family Plumulariidae Agassiz, 1862	
<i>Plumularia adjecta</i> Fraser, 1948	Fraser (1948)
<i>Plumularia biarmata</i> Fraser, 1938	Fraser (1938a)
<i>Plumularia floridana</i> Nutting, 1900	Fraser (1938a)
<i>Plumularia propinqua</i> Fraser, 1938	Fraser (1938a)
Family Sertulariidae Linnaeus, 1758	
<i>Dynamena crisioides</i> Lamouroux, 1824	Fraser (1948)
<i>Dynamena disticha</i> (Bosc, 1802)	Fraser (1938a)
<i>Sertularella conica</i> Allman, 1877	Fraser (1938a)
<i>Sertularia desmoides</i> Torrey, 1902	Fraser (1938a)
<i>Sertularia distans</i> (Lamouroux, 1816)	Fraser (1948)
<i>Thuiaria tubuliformis</i> Nutting, 1904	Fraser (1938a)
SubOrder Proboscoida Broch, 1910	
Family Campanulariidae Johnston, 1836	
<i>Clytia bakeri</i> Torrey, 1904	Fraser (1938b)
<i>Clytia fascicularis</i> Fraser, 1938	Fraser (1938a)
<i>Clytia gracilis</i> (Sars, 1850)	Fraser (1938a)
<i>Clytia hemisphaerica</i> (Linnaeus, 1767)	Fraser (1938a)
<i>Clytia hesperia</i> (Torrey, 1904) ( <i>species inquirenda</i> )	Fraser (1948)
<i>Clytia irregularis</i> Fraser, 1938	Fraser (1938a)
<i>Clytia kincaidi</i> (Nutting, 1899)	Fraser (1938a)
<i>Clytia paulensis</i> (Vanhöffen, 1910)	Fraser (1938a)
<i>Clytia seriata</i> Fraser, 1938	Fraser (1938a)
<i>Clytia simplex</i> (Browne, 1902)	Segura-Puertas (1984)
<i>Clytia universitatis</i> Torrey, 1904	Fraser (1938b)
<i>Obelia dichotoma</i> (Linnaeus, 1758)	Fraser (1938a)
<i>Obelia geniculata</i> (Linnaeus, 1758)	Fraser (1938a)
SubClass Trachylina Parker, 1982	
Order Narcomedusae Haeckel, 1879	
Family Aeginidae Gegenbaur, 1857	
<i>Solmundella bitentaculata</i> (Quoy and Gaimard, 1833)	Segura-Puertas (1984)
Family Cuninidae Bigelow, 1913	
<i>Cunina frugifera</i> Kramp, 1948	Segura-Puertas (1984)
<i>Cunina octonaria</i> McCrary, 1857	Segura-Puertas (1984)
<i>Cunina peregrina</i> Bigelow, 1909	Segura-Puertas (1984)



TABLE 5. CONTINUED.

<i>Cunina tenella</i> (Bigelow, 1909)	Segura-Puertas (1984)
Family Solmarisidae Haeckel, 1879	
<i>Pegantha martagon</i> Haeckel, 1879	Segura-Puertas (1984)
<i>Pegantha triloba</i> Haeckel, 1879	Segura-Puertas (1984)
Order Trachymedusae Haeckel, 1866	
Family Geryoniidae Péron and Lesueur, 1810	
<i>Geryonia proboscidalis</i> (Huxley, 1859)	Segura-Puertas (1984)
<i>Liriope tetraphylla</i> (Chamisso and Eysenhardt, 1821)	Segura-Puertas (1984)
Family Rhopalonematidae Russell, 1953	
<i>Aglaura hemistoma</i> Péron and Lesueur, 1810	Segura-Puertas (1984)
<i>Amphogona apicata</i> Kramp, 1957	Segura-Puertas (1984)
<i>Rhopalomena velatum</i> Gegenbaur, 1857	Segura-Puertas (1984)
<i>Sminthea eurygaster</i> Gegenbaur, 1856	Segura-Puertas (1984)
Class Scyphozoa Götte, 1887	
Order Coronatae Vanhöffen, 1892	
Family Nausithoidae Bigelow, 1913	
<i>Nausithoe punctata</i> Kölliker, 1853	Segura-Puertas (1984)
Order Semaestomeae Agassiz, 1862	
Family Pelagiidae Gegenbaur, 1856	
<i>Pelagia noctiluca</i> (Forsskal, 1775)	Segura-Puertas (1984)
Order Rhizostomeae Cuvier, 1799	
Family Cassiopeidae Agassiz, 1862	
<i>Cassiopea</i> sp. Péron and Lesueur, 1810	Chávez (1979)
Family Stomolophidae Haeckel, 1880	
<i>Stomolophus meleagris</i> Agassiz, 1862	Chávez (1979)

TABLE 6. Checklist of the platyhelminths recorded in marine areas from Oaxaca, Mexico. Order according to Cavalier-Smith (1998). When the species-name of the record was changed, because it was synonymized, it was indicated with a '=' symbol, followed by original recorded name in parenthesis.

Phylum Platyhelminthes Gegenbaur, 1859 em. Minot, 1876.	Reference
Class Monogenea (Van Beneden, 1858) Carus, 1863	
SubClass Polyopisthocotylea Odhner, 1912	
Order Mazocraeidea Price, 1936	
Family Gastrocotylidae Price, 1943	
<i>Pseudaxine mexicana</i> Meserve, 1938	Meserve (1938)
Family Neothoracocotylidae Lebedev, 1969	
<i>Thoracocotyle paradoxica</i> Meserve, 1938	Meserve (1938)
Class Trematoda Rudolphi, 1808	
SubClass Digenea Carus, 1863	
Order Plagiorchiida La Rue, 1957	
Family Acanthocolpidae Lühe, 1906	
<i>Stephanostomum casum</i> (Linton, 1910) McFarlane, 1934	Manter (1940)
<i>Stephanostomum hispidum</i> (Yamaguti, 1934) Manter, 1940	Manter (1940)
Family Apocreadiidae Skrjabin, 1942	
<i>Homalometron mexicanum</i> (Manter, 1937) (= <i>Apocreadium mexicanum</i> )	Manter (1937)
Family Cryptogonimidae Ward, 1917	
<i>Paracryptogonimus americanus</i> Manter, 1940	Manter (1940)
Family Plagiorchiidae Lühe, 1901	
<i>Enodiotrema megachondrus</i> Looss, 1901	Gámez-Vivaldo et al. (2006)
Family Pronocephalidae Looss, 1899	
<i>Adenogaster serialis</i> Looss, 1901	Gámez-Vivaldo et al. (2006)

TABLE 7. Checklist of the nemerteans recorded in marine areas from Oaxaca, Mexico. Order according to Cavalier-Smith (1998).

Phylum Nemertea Minot, 1876.	Reference
Class Anopla Schultze, 1851	
Subclass Heteronemertea	
Family Lineidae	
<i>Euborlasia hancocki</i> Coe, 1940	Coe (1940)

TABLE 8. Checklist of the annelids in the marine areas of Oaxaca, Mexico. When the species-name of the record was changed, because it was synonymized, it was indicated with a '=' symbol, followed by original recorded name in parenthesis. EX= invasive species; Q= questionable species-names.

Phylum Annelida Lamarck, 1809	Reference
Class Clitellata Lamarck, 1818	
Family Ozobranchidae Pinto, 1921	
<i>Ozobranchus branchiatus</i> (Menzies, 1791)	Gámez-Vivaldo et al. (2006)

TABLE 8. CONTINUED.

Class Polychaeta Grube, 1850	
Family Alciopidae Ehlers, 1864	
<i>Alciopina parasitica</i> Claparède and Panceri, 1867 <b>Q</b>	Fernández-Álamo (1987)
<i>Krohnia lepidota</i> (Krohn, 1845) <b>Q</b>	Fernández-Álamo and Sanvicente-Añorve (2005)
<i>Plotohelmis capitata</i> (Greeff, 1876) <b>Q</b>	Fernández-Álamo (1987)
<i>Rhynchonerella gracilis</i> Costa, 1862 <b>Q</b>	Fernández-Álamo (1987)
<i>Rhynchonerella moebii</i> (Apstein, 1893) <b>Q</b>	Fernández-Álamo (1987)
Family Ampharetidae Malmgren, 1867	
<i>Amphicteis scaphobranchiata</i> Moore, 1906	Solís-Weiss et al. (2000)
<i>Isolda pulchella</i> Müller, in Grube, 1858 <b>Q</b>	Solís-Weiss et al. (2000)
<i>Pterolysippe vanelli</i> (Fauvel, 1936) sensu Eliason, 1955 <b>Q</b>	Solís-Weiss et al. (2000)
Family Amphinomidae Savigny, in Lamarck, 1818	
<i>Chloeia viridis</i> Schmarda, 1861 <b>Q</b>	Treadwell (1941)
<i>Eurythoe complanata</i> (Pallas, 1766) <b>Q</b>	Hartman (1940)
<i>Linopherus ambigua</i> (Monro, 1933)	Solís-Weiss et al. (2000)
<i>Notopygos ornata</i> Grube, 1856	Gómez et al. (1997)
<i>Pareurythoe californica</i> (Johnson, 1897)	Gómez et al. (1997)
Family Aphroditidae Malmgren, 1867	
<i>Aphrodita</i> sp. Treadwell (1941)	Treadwell (1941)
Family Capitellidae Grube, 1862	
<i>Notomastus daueri</i> Ewing, 1982 <b>Q</b>	González-Ortiz et al. (1996)
<i>Notomastus (Clistomastus) hemipodus</i> Hartman, 1947 <b>Q</b>	Solís-Weiss et al. (2000)
Family Chrysopetalidae Ehlers, 1864	
<i>Chrysopetalum occidentale</i> Johnson, 1897 <b>Q</b>	Gómez et al. (1997)
Family Cirratulidae Carus, 1863	
<i>Aphelochaeta multifilis</i> (Moore, 1909) <b>Q</b>	Fauchald (1972)
<i>Chaetozone setosa</i> Malmgren, 1867 <b>Q</b>	Solís-Weiss et al. (2000)
<i>Cirratulus</i> sp.	Gómez et al. (1997)
<i>Monticellina serratiseta</i> (Banse and Hobson, 1968) <b>Q</b>	Solís-Weiss et al. (2000)
<i>M. tessellata</i> (Hartman, 1960) <b>Q</b>	Solís-Weiss et al. (2000)
<i>Tharyx parvus</i> Berkeley, 1929 <b>Q</b>	Solís-Weiss et al. (2000)
Family Cossuridae Day, 1963	
<i>Cossura brunnea</i> Fauchald, 1972	Fauchald (1972)
Family Dorvilleidae Chamberlin, 1919	
<i>Dorvillea cerasina</i> (Ehlers, 1901) <b>Q</b>	Gómez et al. (1997)
Family Eulepethidae Chamberlin, 1919	
<i>Grubeulepis mexicana</i> (Berkeley and Berkeley, 1939)	Solís-Weiss et al. (2000)
Family Eunicidae Berthold, 1827	
<i>Eunice antennata</i> (Savigny in Lamarck, 1818) <b>Q</b>	Hartman (1944)
<i>Eunice cf. aphroditois</i>	Ruiz-Cancino et al. (2011)
<i>Eunice chicasi</i> de León-González, Rivera and Romero, 2004	Ruiz-Cancino et al. (2011)
<i>Eunice filamentosa</i> Grube, 1856 <b>Q</b>	Hartman (1944)
<i>Eunice cf. filamentosa</i>	Ruiz-Cancino et al. (2011)
<i>Eunice gagzoi</i> Augener, 1922 <b>Q</b>	Gómez et al. (1997)
<i>Eunice lucei</i> Grube, 1856	Gómez et al. (1997)
<i>Eunice mutilata</i> Webster, 1884 <b>Q</b>	Gómez et al. (1997)
<i>Eunice vittata</i> (Delle Chiaje, 1828) <b>Q</b>	Solís-Weiss et al. (2000)
<i>Eunice</i> sp. 2	Ruiz-Cancino et al. (2011)
<i>Lysidice cf. collaris</i>	Ruiz-Cancino et al. (2011)
<i>Lysidice ninetta</i> Audouin and Milne-Edwards, 1833 <b>Q</b>	Gómez et al. (1997)
<i>Marphysa aenea</i> (Blanchard, 1849) <b>Q</b>	Hartman (1944)
<i>Marphysa mixta</i> Fauchald, 1970	Fauchald (1970)
<i>Marphysa</i> sp.	Ruiz-Cancino et al. (2011)
<i>Nematonereis unicornis</i> (Grube, 1840) <b>Q</b>	Gómez et al. (1997)
<i>Nematonereis cf. unicornis</i>	Ruiz-Cancino et al. (2011)
<i>Palola pallidus</i> Hartman, 1938 <b>Q</b>	Ruiz-Cancino et al. (2011)
<i>Palola siciliensis</i> (Grube, 1840) <b>Q</b>	Rioja (1962)
<i>Palola</i> sp. 1	Ruiz-Cancino et al. (2011)
<i>Palola</i> sp. 2	Ruiz-Cancino et al. (2011)
Family Flabelligeridae Saint-Joseph, 1894	
<i>Brada villosa</i> (Rathke, 1843) <b>Q</b>	Solís-Weiss et al. (2000)
<i>Ilyphagus bythincola</i> Chamberlin, 1919	Chamberlin (1919)
<i>Pherusa inflata</i> (Treadwell, 1914) <b>Q</b>	Gómez et al. (1997)

TABLE 8. CONTINUED.

<i>Piromis gracilis</i> Hartman, 1961 Q	Hartman (1961)
Family Glyceridae Grube, 1850	
<i>Glycera convoluta</i> Keferstein, 1862 Q	Solís-Weiss et al. (2000)
<i>Glycera papillosa</i> Grube, 1857 Q	Solís-Weiss et al. (2000)
<i>Glycera tessellata</i> Grube, 1840 Q	Solís-Weiss et al. (2000)
Family Goniadidae Kinberg, 1866	
<i>Glycinde solitaria</i> (Webster, 1879) Q	Solís-Weiss et al. (2000)
<i>Goniada maculata</i> Örsted, 1843 Q	Solís-Weiss et al. (2000)
Family Hesionidae Grube, 1850	
<i>Podarke pugettensis</i> Johnson, 1901 Q	Gómez et al. (1997)
Family Iospilidae Bergström, 1914	
<i>Phalacrophorus uniformis</i> Reibisch, 1895 Q	Fernández-Álamo (1987)
Family Lopadorhynchidae Claparède, 1868	
<i>Lopadorhynchus brevis</i> Grube, 1855 Q	Fernández-Álamo (1987)
<i>Lopadorhynchus henseni</i> Reibisch, 1893 Q	Fernández-Álamo (2002)
<i>Lopadorhynchus krohnii</i> (Claparède, 1870) Q	Fernández-Álamo (2002)
<i>Lopadorhynchus nationalis</i> Reibisch, 1895 Q	Fernández-Álamo (1987)
<i>Lopadorhynchus uncinatus</i> Fauvel, 1915 Q	Dales (1957)
<i>Pelagobia longicirrata</i> Greeff, 1879 Q	Fernández-Álamo (1987)
Family Lumbrineridae Schmarda, 1861	
<i>Lumbrineris latreilli</i> Audouin and Milne-Edwards, 1834 Q	Hartman (1944)
<i>Lumbrineris limicola</i> Hartman, 1944 Q	Solís-Weiss et al. (2000)
<i>Lumbrineris platylobata</i> Fauchald, 1970	Solís-Weiss et al. (2000)
<i>Ninoe foliosa</i> Fauchald, 1972	Solís-Weiss et al. (2000)
<i>Ninoe jessicae</i> Hernández-Alcántara, Pérez-Mendoza and Solís-Weiss, 2006	Hernández-Alcántara et al. (2006)
<i>Scoletoma crassidentata</i> (Fauchald, 1970)	Solís-Weiss et al. (2000)
<i>Scoletoma tetraura</i> (Schmarda, 1861) Q	Solís-Weiss et al. (2000)
<i>Scoletoma uncinigera</i> (Hartmann-Schröder, 1959)	Gómez et al. (1997)
<i>Scoletoma zonata</i> (Johnson, 1901) Q	Solís-Weiss et al. (2000)
Family Magelonidae Cunningham and Ramage, 1888	
<i>Magelona californica</i> Hartman, 1944 Q	Solís-Weiss et al. (2000)
<i>Magelona pacifica</i> Monro, 1933	Solís-Weiss et al. (2000)
<i>Magelona pitelkai</i> Hartman, 1944 Q	Solís-Weiss et al. (2000)
<i>Magelona tehuanaensis</i> Hernández-Alcántara and Solís-Weiss, 2000	Hernández-Alcántara and Solís-Weiss (2000)
Family Maldanidae Malmgren, 1867	
<i>Maldanella fibrillata</i> Chamberlin, 1919 Q	Chamberlin (1919)
Maldanidae sp. Chamberlin, 1919	Chamberlin (1919)
Family Nephtyidae Grube, 1850	
<i>Aglaophamus verrilli</i> (McIntosh, 1885) Q	Solís-Weiss et al. (2000)
<i>Nephtys caecoides</i> Hartman, 1938 Q	Hartman (1950)
<i>Nephtys magellanica</i> Augener, 1912 Q	Hartman (1940)
<i>Nephtys paradoxa</i> Malm, 1874 Q	Fauchald (1972)
<i>Nephtys parva</i> Clark and Jones, 1955 Q	Solís-Weiss et al. (2000)
Family Nereididae Johnston, 1865	
<i>Alitta succinea</i> (Frey and Leuckart, 1847) Q	Solís-Weiss et al. (2000)
<i>Ceratocephale oculata</i> Banse, 1977 Q	Solís-Weiss et al. (2000)
<i>Ceratonereis singularis</i> Treadwell, 1929	Gómez et al. (1997)
<i>Gymnonereis crosslandi</i> (Monro, 1933)	Solís-Weiss et al. (2000)
<i>Neanthes pseudonoodti</i> Fauchald, 1977	Gómez et al. (1997)
<i>Nereis angelensis</i> Fauchald, 1972	Solís-Weiss et al. (2000)
<i>Nereis callaona</i> (Grube, 1857)	Gómez et al. (1997)
<i>Nereis mediator</i> Chamberlin, 1918 Q	Hernández-Alcántara et al. (2003)
<i>Nereis pelagica</i> Linnaeus, 1758 Q	Solís-Weiss et al. (2000)
<i>Nereis pseudoneanthes</i> Hartman, 1936 (= <i>N. mediator</i> after Hartman 1959) Q	Hartman (1940)
<i>Nicon</i> sp. Gómez et al. (1997)	Gómez et al. (1997)
<i>Perinereis elenacasoae</i> Rioja, 1947	Gómez et al. (1997)
<i>Pseudonereis gallapagensis</i> Kinberg, 1866	Hartman (1940)
Family Oeonidae Kinberg, 1865	
<i>Arabella iricolor</i> (Montagu, 1804) Q	Solís-Weiss et al. (2000)
<i>Oenone fulgida</i> (Savigny in Lamarck, 1818) Q	Gómez et al. (1997)
Family Onuphidae Kinberg, 1865	
<i>Diopatra obliqua</i> Hartman, 1944	Hartman (1944)
<i>Diopatra ornata</i> Moore, 1911 Q	Treadwell (1941)

TABLE 8. CONTINUED.

<i>Diopatra splendidissima</i> Kinberg, 1865	González-Ortiz et al. (1997)
<i>Diopatra tridentata</i> Hartman, 1944 <b>Q</b>	González-Ortiz et al. (1997)
<i>Kinbergonuphis cedroensis</i> (Fauchald, 1968) <b>Q</b>	González-Ortiz et al. (1997)
<i>Mooreonuphis nebulosa</i> (Moore, 1911) <b>Q</b>	Fauchald (1968)
<i>Mooreonuphis peruana</i> (Hartman, 1944)	Solís-Weiss et al. (2000)
<i>Onuphis vexillaria</i> Moore, 1911 <b>Q</b>	Hartman (1944)
<i>Sarsonuphis litabanchia</i> (Chamberlin, 1919)	Chamberlin (1919)
Family Opheliidae Malmgren, 1867	
<i>Armandia agilis</i> (Andrews, 1891) <b>Q</b>	Solís-Weiss et al. (2000)
<i>Armandia brevis</i> (Moore, 1906) <b>Q</b>	Gómez et al. (1997)
<i>Armandia intermedia</i> Fauvel, 1902 <b>Q</b>	Solís-Weiss et al. (2000)
<i>Ophelia assimilis</i> Tebble, 1953 <b>Q</b>	González-Ortiz et al. (1996)
<i>Ophelia pulchella</i> Tebble, 1953 <b>Q</b>	González-Ortiz et al. (1996)
<i>Ophelina acuminata</i> Örsted, 1843 <b>Q</b>	Solís-Weiss et al. (2000)
<i>Polyophtalmus pictus</i> (Dujardin, 1839) <b>Q</b>	Gómez et al. (1997)
Family Orbiniidae Hartman, 1957	
<i>Leitoscoloplos mexicanus</i> (Fauchald, 1972)	Solís-Weiss et al. (2000)
<i>Leitoscoloplos panamensis</i> (Monro, 1933)	Solís-Weiss et al. (2000)
<i>Leitoscoloplos pugettensis</i> (Pettibone, 1957) <b>Q</b>	Solís-Weiss et al. (2000)
<i>Scoloplos (Leodamas) ohlini</i> (Ehlers, 1901) <b>Q</b>	Solís-Weiss et al. (2000)
<i>Scoloplos cf. capensis</i> sensu Solís-Weiss et al. (2000)	Solís-Weiss et al. (2000)
Family Paraonidae Cerruti, 1909	
<i>Aricidea suecica</i> Eliason, 1920 <b>Q</b>	Solís-Weiss et al. (2000)
<i>Aricidea (Acmira) lopezi</i> Berkeley and Berkeley, 1956 <b>Q</b>	Fauchald (1972)
<i>Aricidea (Aedicira) pacifica</i> Hartman, 1944 <b>Q</b>	Solís-Weiss et al. (2000)
<i>Aricidea (Aricidea) fragilis</i> Webster, 1879 <b>Q</b>	Solís-Weiss et al. (2000)
<i>Aricidea (Aricidea) longicirrata</i> Hartmann-Schröder, 1965 <b>Q</b>	Solís-Weiss et al. (2000)
<i>Cirrophorus furcatus</i> (Hartman, 1957) <b>Q</b>	Solís-Weiss et al. (2000)
<i>Levinsenia gracilis</i> (Tauber, 1879) <b>Q</b>	Solís-Weiss et al. (2000)
<i>Paradoneis lyra</i> (Southern, 1914) <b>Q</b>	Solís-Weiss et al. (2000)
Family Pectinariidae Quatrefages, 1866	
<i>Cistenides brevicoma</i> (Johnson, 1901) <b>Q</b>	Hartman (1941)
Family Phyllodoceidae Örsted, 1843	
<i>Eteone</i> sp.	Gómez et al. (1997)
<i>Eulalia myriacyclum</i> (Schmarda, 1861) <b>Q</b>	Gómez et al. (1997)
<i>Nereiphylla castanea</i> (von Marenzeller, 1879) <b>Q</b>	Gómez et al. (1997)
<i>Phyllodoce (Anaitides) cortezi</i> (Kudenov, 1975)	Gómez et al. (1997)
<i>Phyllodoce (Anaitides) lamelligera</i> (Linnaeus, 1791) <b>Q</b>	Gómez et al. (1997)
<i>Phyllodoce (Anaitides) williamsi</i> Hartman, 1936 <b>Q</b>	Gómez et al. (1997)
Family Pilargidae de Saint-Joseph, 1899	
<i>Hermundura salazarvallejoi</i> (de León-González, 1991)	Solís-Weiss et al. (2000)
<i>Sigambra tentaculata</i> (Treadwell, 1941) <b>Q</b>	Solís-Weiss et al. (2000)
Family Poecilochaetidae Hannerz, 1956	
<i>Poecilochaetus johnsoni</i> Hartman, 1939 <b>Q</b>	Solís-Weiss et al. (2000)
Family Polynoidae Malmgren, 1867	
<i>Halosydna glabra</i> Hartman, 1939	Gómez et al. (1997)
<i>Halosydna leucohyba</i> (Schmarda, 1861) <b>Q</b>	Gómez et al. (1997)
<i>Harmothoe</i> sp.	Gómez et al. (1997)
<i>Lepidasthenia</i> sp.	Gómez et al. (1997)
<i>Lepidonopsis humilis</i> (Augener, 1922) <b>Q</b>	Gómez et al. (1997)
<i>Thormora johnstoni</i> (Kinberg, 1855)	Gómez et al. (1997)
Family Sabellariidae Johnston, 1865	
<i>Idanthysus cretus</i> Chamberlin, 1919	Gómez et al. (1997)
<i>Idanthysus saxicavus</i> (Baird, 1863) <b>Q</b>	Gómez et al. (1997)
<i>Phragmatopoma moerchi digitata</i> Rioja, 1962	Rioja (1962)
Family Sabellidae Malmgren, 1867	
<i>Jasmineira pacifica</i> Annenkova, 1937 <b>Q</b>	González-Ortiz et al. (1996)
<i>Megalomma carunculata</i> Tovar-Hernández and Salazar-Vallejo, 2008	Tovar-Hernández and Salazar-Vallejo (2008)
<i>Megalomma mushaensis</i> (Gravier, 1906) <b>Q</b>	Gómez et al. (1997)
<i>Megalomma splendida</i> (Moore, 1905) <b>Q</b>	Rioja (1962)
<i>Notaulax nudicollis</i> (Kröyer, 1856) <b>Q</b>	Gómez et al. (1997)
<i>Potamethus mucronatus</i> (Moore, 1923) <b>Q</b>	Solís-Weiss et al. (2000)
<i>Potamilla neglecta</i> (Sars, 1851) <b>Q</b>	Solís-Weiss et al. (2000)

TABLE 8. CONTINUED.

<i>Pseudopotamilla debilis</i> Bush, 1905 Q	Gómez <i>et al.</i> (1997)
<i>Pseudopotamilla reniformes</i> (Müller, 1771) Q	Gómez <i>et al.</i> (1997)
Family Serpulidae Johnston, 1865	
<i>Crucigera websteri</i> Benedict, 1887	Bastida-Zavala (2008)
<i>Hydroides brachyacanthus</i> Rioja, 1941	Gómez <i>et al.</i> (1997)
<i>Hydroides cruciger</i> Mörch, 1863	Gómez <i>et al.</i> (1997)
<i>Hydroides glandifer</i> Rioja, 1941	Bastida-Zavala (2008)
<i>Hydroides humilis</i> (Bush, 1905)	Bastida-Zavala (2008)
<i>Hydroides ochoterenai</i> Rioja, 1941	Bastida-Zavala (2008)
<i>Hydroides sanctaerucis</i> Krøyer in Mörch, 1863 EX	Bastida-Zavala and ten Hove (2003)
<i>Hydroides trompi</i> Bastida-Zavala and ten Hove, 2003	Bastida-Zavala and ten Hove (2003)
<i>Pomatostegus stellatus</i> (Abildgaard, 1789)	Gómez <i>et al.</i> (1997)
<i>Pseudovermilia conchata</i> ten Hove, 1975 Q	Gómez <i>et al.</i> (1997)
<i>Pseudovermilia occidentalis</i> (McIntosh, 1885)	Gómez <i>et al.</i> (1997)
<i>Pyrgopolon ctenactis</i> (Mörch, 1863)	Bastida-Zavala (2008)
<i>Salmacina tribranchiata</i> (Moore, 1923)	Bastida-Zavala (2008)
<i>Spirobranchus cf. gaymardi</i>	Bastida-Zavala (2008)
<i>Spirobranchus giganteus</i> (Pallas, 1766) Q	Gómez <i>et al.</i> (1997)
<i>Spirobranchus incrassatus</i> (Krøyer, 1856)	Gómez <i>et al.</i> (1997)
<i>Spirobranchus minutus</i> (Rioja, 1941)	Bastida-Zavala (2008)
<i>Vermiliopsis infundibulum/glandigera</i> complex	Bastida-Zavala (2008)
Family Sigalionidae Malmgren, 1867	
<i>Sthenelanelia uniformis</i> Moore, 1910 Q	Hartman (1939)
<i>Sthenolepis fimbriarum</i> (Hartman, 1939)	Solís-Weiss <i>et al.</i> (2000)
<i>Thalenessa lewisii</i> (Berkeley and Berkeley, 1939)	Solís-Weiss <i>et al.</i> (2000)
Family Spionidae Grube, 1850	
<i>Boccardia tricuspa</i> (Hartman, 1939)	Gómez <i>et al.</i> (1997)
<i>Boccardia</i> sp.	Gómez <i>et al.</i> (1997)
<i>Dipolydora socialis</i> (Schmarda, 1861) Q	Hernández-Alcántara <i>et al.</i> (1994)
<i>Dispio uncinata</i> Hartman, 1951 Q	Hernández-Alcántara <i>et al.</i> (1994)
<i>Minuspio delta</i> (Hartman, 1965) Q	Hernández-Alcántara <i>et al.</i> (1994)
<i>Paraprionospio pinnata</i> (Ehlers, 1901) Q	Hernández-Alcántara <i>et al.</i> (1994)
<i>Prionospio dayi</i> (Foster, 1969) Q	Hernández-Alcántara <i>et al.</i> (1994)
<i>Prionospio pygmaeus</i> Hartman, 1961 Q	Hernández-Alcántara <i>et al.</i> (1994)
<i>Prionospio lighti</i> Maciolek, 1985 Q	Solís-Weiss <i>et al.</i> (2000)
<i>Prionospio steenstrupi</i> Malmgren, 1867 Q	Hernández-Alcántara <i>et al.</i> (1994)
<i>Prionospio (Minuspio) cf. lighti</i>	Hernández-Alcántara <i>et al.</i> (1994)
<i>Pseudopolydora</i> sp.	Gómez <i>et al.</i> (1997)
<i>Rhynchospio glutaea</i> (Ehlers, 1897) Q	González-Ortiz <i>et al.</i> (1996)
<i>Scolelepis (Parascolelepis) texana</i> Foster, 1971 Q	González-Ortiz <i>et al.</i> (1996)
<i>Scolelepis (Scolelepis) squamata</i> (O.F. Muller, 1806) Q	Hernández-Alcántara <i>et al.</i> (1994)
<i>Spiophanes cf. kroeyeri</i>	Hernández-Alcántara <i>et al.</i> (1994)
<i>Spiophanes wigleyi</i> Pettibone, 1961 Q	Hernández-Alcántara <i>et al.</i> (1994)
Family Syllidae Grube, 1850	
<i>Branchiosyllis exilis</i> (Gravier, 1900) Q	Gómez <i>et al.</i> (1997)
<i>Branchiosyllis pacifica</i> Rioja, 1941	Gómez <i>et al.</i> (1997)
<i>Brania heterocirra</i> Rioja, 1941	Gómez <i>et al.</i> (1997)
<i>Haplosyllis brevicirra</i> Rioja, 1941	Gómez <i>et al.</i> (1997)
<i>Odontosyllis heterodonta</i> Góngora-Garza and de León-González, 1993	Gómez <i>et al.</i> (1997)
<i>Odontosyllis polycera</i> (Schmarda, 1861) Q	Gómez <i>et al.</i> (1997)
<i>Opisthosyllis brunnea</i> Langerhans, 1879 Q	Gómez <i>et al.</i> (1997)
<i>Opisthosyllis japonica</i> Imajima, 1966 Q	Gómez <i>et al.</i> (1997)
<i>Parasphaerosyllis indica</i> Monro, 1937 Q	Gómez <i>et al.</i> (1997)
<i>Syllis alternata</i> Moore, 1908 Q	Gómez <i>et al.</i> (1997)
<i>Syllis cornuta</i> Rathke, 1843 Q	Solís-Weiss <i>et al.</i> (2000)
<i>Syllis elongata</i> (Johnson, 1901) Q	Gómez <i>et al.</i> (1997)
<i>Syllis fasciata</i> Malmgren, 1867 Q	Gómez <i>et al.</i> (1997)
<i>Syllis hyalina</i> Grube, 1863 Q	Gómez <i>et al.</i> (1997)
<i>Syllis prolifera</i> Krohn, 1852 Q	Solís-Weiss <i>et al.</i> (2000)
<i>Trypanosyllis taeniaeformis</i> (Haswell, 1886) Q	Gómez <i>et al.</i> (1997)
Family Terebellidae Malmgren, 1867	
<i>Lanicides taboguillae</i> (Chamberlin, 1919)	Gómez <i>et al.</i> (1997)
<i>Pista quadrilobata</i> (Augener, 1918) Q	González-Ortiz <i>et al.</i> (1996)

TABLE 8. CONTINUED.

<i>Polycirrus mexicanus</i> (Rioja, 1947)	Gómez <i>et al.</i> (1997)
Family Tomopteridae Johnston, 1865	
<i>Tomopteris (Johnstonella) dunckeri</i> Rosa, 1908 Q	Fernández-Álamo (2000)
<i>Tomopteris elegans</i> Chun, 1888 Q	Fernández-Álamo (2000)
<i>Tomopteris euchaeta</i> Chun, 1887 Q	Fernández-Álamo (2000)
<i>Tomopteris nationalis</i> Apstein, 1900 Q	Fernández-Álamo (2000)
<i>Tomopteris planktonis</i> Apstein, 1900 Q	Fernández-Álamo (1987)
Family Typhloscolecidae Uljanin, 1878	
<i>Sagitella kowalewskii</i> Wagner, 1872 Q	Fernández-Álamo (1987)
<i>Travislopsis dubia</i> Støp-Bowitz, 1948 Q	Fernández-Álamo (1987)
<i>Typhloscolex mülleri</i> Busch, 1851 Q	Fernández-Álamo (1987)

TABLE 9. Checklist of the crustaceans recorded in the marine and coastal areas of Oaxaca, Mexico. The list follows the classification for higher taxa of Martin and Davis (2001), with updates to the Infraorder Brachyura by Ng *et al.* (2008). The arrangement of Genera and species is strictly alphabetical.

Phylum Arthropoda Lamarck, 1812	Reference
Subphylum Crustacea Brünnich, 1772	
Class Malacostraca Latreille, 1802	
Subclass Eumalacostraca Grobben, 1892	
Superorder Eucarida Calman, 1904	
Order Decapoda Latreille, 1802	
Suborder Dendrobranchiata Bate, 1888	
Family Penaeidae Rafinesque, 1815	
<i>Farfantepenaeus brevisrostris</i> (Kingsley, 1878)	Sosa-Hernández <i>et al.</i> (1980)
<i>Farfantepenaeus californiensis</i> (Holmes, 1900)	Sosa-Hernández <i>et al.</i> (1980)
<i>Litopenaeus vannamei</i> (Boone, 1931)	Sosa-Hernández <i>et al.</i> (1980)
<i>Rimapenaeus faoe</i> (Obarrio, 1954)	Hendrickx (1996)
<i>Rimapenaeus pacificus</i> (Burkenroad, 1934)	Sosa-Hernández <i>et al.</i> (1980)
<i>Trachysalambria brevisuturæ</i> (Burkenroad, 1934)	Sosa-Hernández <i>et al.</i> (1980)
Family Sicyoniidae Ortmann, 1898	
<i>Sicyonia affinis</i> (Burkenroad, 1934)	Sosa-Hernández <i>et al.</i> (1980)
<i>Sicyonia disdorsalis</i> (Burkenroad, 1934)	Sosa-Hernández <i>et al.</i> (1980)
<i>Sicyonia martini</i> Pérez-Farfante and Boothe, 1981	Pérez-Farfante (1985)
Family Solenoceridae Wood-Mason, 1891	
<i>Solenocera florea</i> Burkenroad, 1938	Sosa-Hernández <i>et al.</i> (1980)
<i>Solenocera mutator</i> Burkenroad, 1938	Hendrickx (1996)
Suborder Pleocyemata Burkenroad, 1963	
Infraorder Anomura MacLeay, 1838	
Family Albuneidae Stimpson, 1858	
<i>Albunea lucasia</i> de Saussure, 1853	Boyko (2002)
<i>Lepidopa deamae</i> Benedict, 1903	Benedict (1903)
<i>Lepidopa haigae</i> Efford, 1971	Efford (1971)
Family Coenobitidae Dana, 1851	
<i>Coenobita compressus</i> H. Milne-Edwards, 1837	Ball (1972)
Family Diogenidae Ortmann, 1892	
<i>Calcinus californiensis</i> Bouvier, 1898	Hendrickx and Harvey (1999)
<i>Calcinus obscurus</i> Stimpson, 1859	Ayón-Parente and Hendrickx (2007)
<i>Clibanarius janethaigae</i> Hendrickx and Esparza-Haro, 1997	Hendrickx and Esparza-Haro (1997)
<i>Dardanus nudus</i> Ayón-Parente and Hendrickx, 2009	Ayón-Parente and Hendrickx (2009)
<i>Dardanus sinistripes</i> (Stimpson, 1859)	Ball and Haig (1974)
<i>Dardanus stimpsoni</i> Ayón-Parente and Hendrickx, 2009	Ayón-Parente and Hendrickx (2009)
<i>Paguristes cf. bakeri</i>	Hendrickx <i>et al.</i> (1997)
<i>Petrochirus californiensis</i> Bouvier, 1895	Hendrickx <i>et al.</i> (1997)
Family Galatheidae Samouelle, 1819	
<i>Pleuroncodes planipes</i> Stimpson, 1860	Hendrickx <i>et al.</i> (1997)
Family Porcellanidae Haworth, 1825	
<i>Euceramus panatelus</i> Glassell, 1938	Haig (1960)
<i>Megalobrachium festai</i> (Nobili, 1901)	Haig (1960)
<i>Megalobrachium garthi</i> Haig, 1957	Haig (1957)
<i>Megalobrachium sinuimanus</i> (Lockington, 1878)	Ramírez-Luna <i>et al.</i> (2002)
<i>Neopisosoma dohenyi</i> Haig, 1960	García-Madrigal and Andreu-Sánchez (2010)
<i>Neopisosoma mexicanum</i> (Streets, 1871)	Haig (1960)
<i>Neopisosoma</i> sp.	Ramírez-Luna <i>et al.</i> (2002)
<i>Pachycheles biocellatus</i> (Lockington, 1878)	Haig (1960)

TABLE 9. CONTINUED.

<i>Pachycheles calculosus</i> Haig, 1960	Haig (1960)
<i>Pachycheles panamensis</i> Faxon, 1839	Haig (1960)
<i>Pachycheles setimanus</i> (Lockington, 1878)	Hernández-Álvarez and Villalobos-Hiriart (2005)
<i>Pachycheles spinidactylus</i> Haig, 1960	Haig (1960)
<i>Petrolisthes agassizii</i> Faxon, 1893	Haig (1968)
<i>Petrolisthes armatus</i> (Gibbes, 1850)	García-Madrival and Andreu-Sánchez (2010)
<i>Petrolisthes crenulatus</i> Lockington, 1878	Hernández-Álvarez and Villalobos-Hiriart (2005)
<i>Petrolisthes edwardsii</i> (Saussure, 1853)	Haig (1960)
<i>Petrolisthes cf. edwardsii</i>	García-Madrival and Andreu-Sánchez (2010)
<i>Petrolisthes glasselli</i> Haig, 1957	Haig (1968)
<i>Petrolisthes gracilis</i> Stimpson, 1858	Haig (1960)
<i>Petrolisthes haigae</i> Chace, 1962	Haig (1968)
<i>Petrolisthes hians</i> Nobili, 1901	Haig (1960)
<i>Petrolisthes hirtispinosus</i> Lockington, 1878	García-Madrival and Andreu-Sánchez (2010)
<i>Petrolisthes lewisi austrinus</i> Haig, 1960	García-Madrival and Andreu-Sánchez (2010)
<i>Petrolisthes lewisi lewisi</i> (Glassell, 1936)	Haig (1968)
<i>Petrolisthes marginatus</i> Stimpson, 1859	Haig (1960)
<i>Petrolisthes nobilii</i> Haig, 1960	Haig (1968)
<i>Petrolisthes ortmanni</i> Nobili, 1901	Haig (1968)
<i>Petrolisthes polymitus</i> Glassell, 1937	Haig (1960)
<i>Petrolisthes robsonae</i> Glassell, 1945	García-Madrival and Andreu-Sánchez (2010)
<i>Petrolisthes sanfelipensis</i> Glassell, 1936	García-Madrival and Andreu-Sánchez (2010)
<i>Petrolisthes tonsorius</i> Haig, 1960	Haig (1960)
<i>Pisidia magdalenensis</i> (Glassell, 1936)	Haig (1968)
<i>Porcellana cancrisocialis</i> Glassell, 1936	Haig (1960)
<i>Porcellana hancocki</i> Glassell, 1938	Hendrickx <i>et al.</i> (1997)
<i>Porcellana paguriconviva</i> Glassell, 1936	Haig (1968)
<i>Ulloaia perpusillia</i> Glassell, 1938	Ramírez-Luna <i>et al.</i> (2002)
Infraorder Brachyura Latreille, 1802	
Family Aethridae Dana, 1851	
<i>Hepatella amica</i> Smith, 1869	Garth (1966)
<i>Hepatus kossmanni</i> Newman, 1878	Garth (1966)
<i>Osachila lata</i> Faxon, 1893	Hendrickx <i>et al.</i> (1997)
Family Calappidae De Haan, 1833	
<i>Calappa convexa</i> Saussure, 1853	Garth (1966)
<i>Calappula saussurei</i> (Rathbun, 1898)	Hendrickx (1997)
<i>Cryptosoma bairdii</i> (Stimpson, 1860)	Rathbun (1937)
<i>Platymera gaudichaudii</i> H. Milne-Edwards, 1837	Garth (1966)
Family Dairidae Serène, 1965	
<i>Daira americana</i> Stimpson, 1860	Ramírez-Luna <i>et al.</i> (2002)
Family Daldorfiidae Ng and Rodriguez, 1986	
<i>Daldorfia trigona</i> (A. Milne-Edwards, 1869)	Garth (1959)
Family Domeciidae Ortmann, 1893	
<i>Domecia hispida</i> Eydoux and Souleyet, 1842	Crane (1947)
Family Dromiidae de Haan, 1833	
<i>Hypoconcha panamensis</i> Smith in Verrill, 1869	Sosa-Hernández <i>et al.</i> (1980)
<i>Moreiradromia sarraburei</i> (Rathbun, 1910)	Hendrickx <i>et al.</i> (1997)
Family Dynomenidae Ortmann, 1892	
<i>Hirsutodynomene ursula</i> (Stimpson, 1860)	Rathbun (1937)
Family Epialtidae MacLeay, 1838	
<i>Epialtus minimus</i> Lockington, 1877	Ramírez-Luna <i>et al.</i> (2002)
<i>Herbstia camptacantha</i> (Stimpson, 1871)	Garth (1958)
<i>Herbstia tumida</i> (Stimpson, 1871)	Hendrickx (1999)
<i>Herbstia cf. tumida</i>	Hendrickx and Vázquez-Cureño (1998)
<i>Neodoclea boneti</i> Buitendijk, 1950	Garth (1958)
<i>Notolopas lamellatus</i> Stimpson, 1871	Garth (1958)
<i>Pelia pacifica</i> A. Milne-Edwards, 1875	Garth (1958)
<i>Pitho picteti</i> (Saussure, 1853)	Garth (1959)
Family Ethusidae Guinot, 1977	
<i>Ethusa lata</i> Rathbun, 1894	Rathbun (1937)
<i>Ethusa panamensis</i> Finnegan, 1931	Garth (1966)
Family Euryplacidae Stimpson, 1871	
<i>Euryplax polita</i> Smith, 1870	Garth (1961)

TABLE 9. CONTINUED.

Family Grapsidae MacLeay, 1838	
<i>Geograpsus lividus</i> (H. Milne-Edwards, 1837)	Crane (1947)
<i>Grapsus grapsus</i> (Linnaeus, 1758)	Crane (1947)
<i>Pachygrapsus transversus</i> (Gibbes, 1850)	Crane (1947)
<i>Planes minutus</i> (Linnaeus, 1758)	Rathbun (1918)
Family Inachidae MacLeay, 1838	
<i>Podochela cf. casoae</i>	Ramírez-Luna et al. (2002)
<i>Podochela veleronis</i> Garth, 1958	Garth (1959)
<i>Podochela ziesenhennei</i> Garth, 1940	Garth (1959)
<i>Stenorhynchus debilis</i> (Smith, 1871)	Garth (1958)
Family Inachoididae Dana, 1851	
<i>Collodes tenuirostris</i> Rathbun, 1893	Garth (1959)
<i>Euprognatha bifida</i> Rathbun, 1894	Garth (1958)
<i>Inachoides laevis</i> Stimpson, 1860	Garth (1959)
<i>Paradasygyius depressus</i> (Bell, 1835)	Luke (1977)
<i>Pyromaia tuberculata</i> (Lockington, 1877)	Hendrickx et al. (1997)
Family Leucosiidae Samouelle, 1819	
<i>Iliacantha hancocki</i> Rathbun, 1935	Rathbun (1937)
<i>Iliacantha schmitti</i> Rathbun, 1935	Rathbun (1937)
<i>Persephona townsendi</i> (Rathbun, 1893)	Rathbun (1937)
<i>Randallia bulligera</i> Rathbun, 1898	Rathbun (1937)
<i>Uhlias ellipticus</i> Stimpson, 1871	Garth (1966)
Family Majidae Samouelle, 1819	
<i>Hemus finneganae</i> Garth, 1958	Garth (1959)
<i>Hemus</i> sp.	Ramírez-Luna et al. (2002)
<i>Microphrys platysoma</i> (Stimpson, 1860)	Ramírez-Luna et al. (2002)
<i>Microphrys triangulatus</i> (Lockington, 1877)	Garth (1959)
<i>Mithraculus denticulatus</i> (Bell, 1835)	Crane (1947)
<i>Mithrax armatus</i> Saussure, 1853	Rathbun (1925)
<i>Mithrax pygmaeus</i> Bell, 1835	Garth (1959)
<i>Mithrax</i> sp.	Ramírez-Luna et al. (2002)
<i>Teleophrys cristulipes</i> Stimpson, 1860	Crane (1947)
<i>Thoe sulcata</i> Stimpson, 1860	Rathbun (1925)
Family Ocypodidae Rafinesque, 1815	
<i>Ocypode occidentalis</i> Stimpson, 1860	Rathbun (1918)
<i>Uca brevifrons</i> (Stimpson, 1860)	Crane (1975)
<i>Uca princeps</i> (Smith, 1870)	Maccagno (1928)
Family Oziidae Dana, 1851	
<i>Ozius perlatus</i> Stimpson, 1860	Crane (1947)
<i>Ozius tenuidactylus</i> (Lockington, 1877)	Crane (1947)
<i>Ozius verreauxii</i> de Saussure, 1853	Crane (1947)
Family Panopeidae Ortmann, 1893	
<i>Chasmophora macrophthalma</i> (Rathbun, 1898)	Garth (1961)
<i>Hexapanopeus orcutti</i> Rathbun, 1930	Garth (1961)
<i>Lophoxanthus lamellipes</i> (Stimpson, 1860)	Crane (1947)
<i>Panopeus</i> sp. 1	Ramírez-Luna et al. (2002)
Family Parthenopidae MacLeay, 1838	
<i>Heterocrypta macrobrachia</i> Stimpson, 1871	Garth (1958)
<i>Solenolambrus arcuatus</i> Stimpson, 1871	Garth (1958)
<i>Spinolambrus exilipes</i> (Rathbun, 1893)	Garth (1958)
Family Pilumnidae Samouelle, 1819	
<i>Pilumnus gracilipes</i> A. Milne-Edwards, 1880	Ramírez-Luna et al. (2002)
<i>Pilumnus limosus</i> Smith, 1869	Garth (1961)
<i>Pilumnus pygmaeus</i> Boone, 1927	Garth (1961)
<i>Pilumnus</i> sp. 1	Ramírez-Luna et al. (2002)
<i>Pilumnus</i> sp. 2	Ramírez-Luna et al. (2002)
<i>Pilumnus</i> sp. 3	Ramírez-Luna et al. (2002)
<i>Pilumnus</i> sp. 4	Ramírez-Luna et al. (2002)
Family Portunidae Rafinesque, 1815	
<i>Achelous asper</i> (A. Milne-Edwards, 1861)	Garth (1961)
<i>Arenaeus mexicanus</i> (Gerstaecker, 1856)	Garth (1961)
<i>Callinectes arcuatus</i> Ordway, 1863	Garth and Stephenson (1966)
<i>Cronius ruber</i> (Lamarck, 1818)	Garth (1961)



TABLE 9. CONTINUED.

<i>Euphyllax dovii</i> Stimpson, 1860	Luke (1977)
<i>Euphyllax robustus</i> A. Milne-Edwards, 1874	Garth (1961)
<i>Portunus acuminatus</i> (Stimpson, 1871)	Garth (1961)
<i>Portunus affinis</i> (Faxon, 1893)	Garth (1961)
<i>Portunus minimus</i> Rathbun, 1898	Sosa-Hernández <i>et al.</i> (1980)
<i>Portunus tuberculatus</i> (Stimpson, 1860)	Garth (1961)
<i>Portunus xantusii</i> (Stimpson, 1860)	Hendrickx <i>et al.</i> (1997)
Portunidae sp.	Luke (1977)
Family Pseudorhombilidae Alcock, 1900	
<i>Oedioplax granulata</i> Rathbun, 1893	Hendrickx <i>et al.</i> (1997)
Family Trapeziidae Miers, 1886	
<i>Quadrella nitida</i> Smith, 1869	Hendrickx and Vázquez-Cureño (1998)
<i>Trapezia corallina</i> Gerstaecker, 1856	Castro (1996)
<i>Trapezia bidentata</i> (Forskål, 1775)	Crane (1947)
<i>Trapezia formosa</i> Smith, 1869	Castro (1996)
<i>Trapezia digitalis</i> Latreille, 1828	Ramírez-Luna <i>et al.</i> (2002)
<i>Trapezia</i> sp.	Ramírez-Luna <i>et al.</i> (2002)
Family Xanthidae MacLeay, 1838	
? <i>Actaea angusta</i> Rathbun, 1898	Ramírez-Luna <i>et al.</i> (2002)
<i>Cycloanthops vittatus</i> (Stimpson, 1860)	Rathbun (1930)
<i>Edwardsium lobipes</i> (Rathbun, 1898)	Hendrickx <i>et al.</i> (1997)
<i>Heteractaea lunata</i> (H. Milne-Edwards and Lucas, 1844)	Hendrickx and Vázquez-Cureño (1998)
<i>Liomera cinctimana</i> (White, 1847)	Crane (1947)
<i>Microcassiope xantusii</i> (Stimpson, 1871)	Garth (1961)
<i>Micropanope</i> sp.	Ramírez-Luna <i>et al.</i> (2002)
<i>Paractaea sulcata</i> (Stimpson, 1860)	Crane (1947)
<i>Platyactaea dovii</i> (Stimpson, 1871)	Ramírez-Luna <i>et al.</i> (2002)
<i>Platypodia</i> sp.	Ramírez-Luna <i>et al.</i> (2002)
<i>Xanthodius sternberghii</i> Stimpson, 1859	Crane (1947)
? <i>Xanthodius stimpsoni</i> (A. Milne-Edwards, 1879)	Crane (1947)
Xanthoidea sp. 1	Ramírez-Luna <i>et al.</i> (2002)
Xanthoidea sp. 2	Ramírez-Luna <i>et al.</i> (2002)
Xanthoidea sp. 3	Ramírez-Luna <i>et al.</i> (2002)
Infraorder Caridea Dana, 1852	
Family Alpheidae Rafinesque, 1815	
<i>Alpheus bellimanus</i> Lockington, 1877	Wicksten (1983)
<i>Alpheus galapagensis</i> Sivertsen, 1933	Kim and Abele (1988)
<i>Alpheus longinquus</i> Kim and Abele, 1988	Martínez-Guerrero (2007)
<i>Alpheus lottini</i> Guérin-Méneville, 1829	Martínez-Guerrero (2007)
<i>Alpheus normanni</i> Kingsley, 1879	Hendrickx and Vázquez-Cureño (1998)
<i>Alpheus websteri</i> Kingsley, 1880	Martínez-Guerrero (2007)
<i>Automate dolichognatha</i> de Man, 1888	Martínez-Guerrero (2007)
<i>Synalpheus digueti</i> Coutiére, 1909	Martínez-Guerrero (2007)
<i>Synalpheus mexicanus</i> Coutiére, 1909	Martínez-Guerrero (2007)
<i>Synalpheus nobilii</i> Coutiére, 1909	Wicksten (1983)
Family Hippolytidae Dana, 1852	
<i>Heptacarpus yaldwyni</i> Wicksten, 1984	Wicksten (1984)
Family Ogyrididae Holthuis, 1955	
<i>Ogyrides alphaerostris</i> (Kingsley, 1880)	Wicksten and Hendrickx (1992)
<i>Ogyrides</i> sp.	Wicksten (1983)
Family Palaemonidae Rafinesque, 1815	
<i>Macrobrachium acanthochirus</i> Villalobos-Figueroa, 1967	Villalobos-Figueroa (1967)
<i>Macrobrachium americanum</i> Bate, 1868	Martínez-Guerrero (2007)
<i>Macrobrachium hobbsi</i> Nates-Rodríguez and Villalobos-Hiriart, 1990	Villalobos-Hiriart and Nates-Rodríguez (1990)
<i>Macrobrachium michoacanus</i> Nates-Rodríguez and Villalobos-Hiriart, 1990	Villalobos-Hiriart and Nates-Rodríguez (1990)
<i>Macrobrachium occidentale</i> Holthuis, 1950	Martínez-Guerrero (2007)
<i>Macrobrachium tenellum</i> (Smith, 1871)	Holthuis (1952)
<i>Palaemon ritteri</i> Holmes, 1895	Martínez-Guerrero (2007)
Family Pandalidae Haworth, 1825	
<i>Plesionika beebei</i> Chace, 1937	Wicksten (1978)
<i>Plesionika mexicana</i> Chace, 1937	Hendrickx and Wicksten (1989)
Family Processidae Ortmann, 1890	
<i>Processa aequimana</i> (Paulson, 1875)	Hendrickx <i>et al.</i> (1997)

TABLE 9. CONTINUED.

Infraorder Palinura Latreille, 1802	
Family Palinuridae Latreille, 1802	
<i>Panulirus gracilis</i> Streets, 1871	Holthuis and Villalobos-Figueroa (1962)
<i>Panulirus inflatus</i> (Bouvier, 1895)	Holthuis and Villalobos-Figueroa (1962)
Family Scyllaridae Latreille, 1825	
<i>Evibacus princeps</i> Smith, 1869	Hendrickx <i>et al.</i> (1997)
Infraorder Thalassinidea Latreille, 1831	
Family Axiidae Huxley, 1879	
<i>Acanthaxius caespitosa</i> (Squires, 1979)	Hendrickx (2005)
Family Thalassinidae Latreille, 1831	
<i>Corallianassa xutha</i> (Manning, 1988)	Hernández-Aguilera (1998)
Order Euphausiacea Dana, 1852	
Family Euphausiidae Dana, 1852	
<i>Euphausia distinguenda</i> Hansen, 1908	López-Cortés (1990)
<i>Euphausia diomedea</i> Ortmann, 1894	López-Cortés (1990)
<i>Euphausia eximia</i> Hansen, 1911	López-Cortés (1990)
<i>Euphausia lamelligera</i> Hansen, 1911	López-Cortés (1990)
<i>Euphausia tenera</i> Hansen, 1905	López-Cortés (1990)
<i>Nematobranchion flexipes</i> (Ortmann, 1893)	López-Cortés (1990)
<i>Nematoscelis atlantica</i> Hansen, 1916	López-Cortés (1990)
<i>Nematoscelis gracilis</i> Hansen, 1910	López-Cortés (1990)
<i>Stylocheiron affine</i> Hansen, 1910	López-Cortés (1990)
<i>Stylocheiron carinatum</i> Sars, 1883	López-Cortés (1990)
Superorder Peracarida Calman, 1904	
Order Amphipoda Latreille, 1816	
Family Ampeliscidae Costa, 1857	
<i>Ampelisca agassizi</i> (Judd, 1896)	Barnard (1954)
<i>Ampelisca cristoides</i> Barnard, 1954	Barnard (1954)
<i>Ampelisca mexicana</i> Barnard, 1954	Barnard (1954)
<i>Ampelisca milleri</i> Barnard, 1954	Barnard (1954)
Family Caprellidae Leach, 1814	
<i>Caprella</i> sp.	Gómez-Vivaldo <i>et al.</i> (2006)
Family Maeridae Krapp-Schickel, 2008	
<i>Elasmopus bastidai</i> García-Madrigal, 2010	García-Madrigal (2010)
<i>Elasmopus karlae</i> García-Madrigal, 2010	García-Madrigal (2010)
<i>Elasmopus lecroyae</i> García-Madrigal, 2010	García-Madrigal (2010)
<i>Elasmopus marcelae</i> García-Madrigal, 2010	García-Madrigal (2010)
<i>Elasmopus oaxaquensis</i> García-Madrigal, 2010	García-Madrigal (2010)
<i>Elasmopus temori</i> Barnard, 1979	García-Madrigal (2010)
<i>Elasmopus tubar</i> Barnard, 1979	García-Madrigal (2010)
<i>Elasmopus zoanthidea</i> Barnard, 1979	García-Madrigal (2010)
<i>Maera umarae</i> García-Madrigal, 2010	García-Madrigal (2010)
<i>Quadrimaera chinarra</i> (Barnard, 1979)	García-Madrigal (2010)
<i>Quadrimaera reishi</i> (Barnard, 1979)	García-Madrigal (2010)
Family Melitidae Bousfield, 1973	
<i>Melita bousfieldi</i> García-Madrigal, 2010	García-Madrigal (2010)
Family Phoxocephalidae Sars, 1891	
<i>Foxiphalus obtusidens</i> (Alderman, 1936)	Barnard and Barnard (1982)
Order Isopoda Latreille, 1817	
Family Aegidae White, 1850	
<i>Rocinela signata</i> Schioedte and Meinert, 1879	Brusca <i>et al.</i> (1992)
Family Cirolanidae Dana, 1852	
<i>Anopsilana oaxaca</i> Carvacho and Haasmann, 1984	Carvacho and Haasmann (1984)
<i>Cirolana parva</i> Hansen, 1890	Brusca <i>et al.</i> (1995)
<i>Excirolana braziliensis</i> Richardson, 1912	Glynn <i>et al.</i> (1975)
Family Corallanidae Hansen, 1890	
<i>Excorallana bruscai</i> Delaney, 1984	Hendrickx and Espinosa-Pérez (1998)
Family Holognathidae Thomson, 1904	
<i>Cleantioides planicauda</i> (Benedict, 1899)	Brusca and Wallerstein (1979)
Family Idoteidae Samouelle, 1819	
<i>Parasymmerus annamaryae</i> Brusca and Wallerstein, 1979	Carvacho and Haasmann (1984)
Family Paranthuridae Menzies and Glynn, 1968	
<i>Califanthura squamosissima</i> (Menzies, 1951)	Poore (1984)

TABLE 9. CONTINUED.

Family Sphaeromatidae Latreille, 1825	
<i>Dynoides crenulatus</i> Carvacho and Haasmann, 1984	Carvacho and Haasmann (1984)
<i>Dynoides saldanai</i> Carvacho and Haasmann, 1984	Carvacho and Haasmann (1984)
<i>Striella balani</i> Glynn, 1968	Carvacho and Haasmann (1984)
Order Tanaidacea Dana, 1849	
Family Apseudidae Leach, 1814	
<i>Paradoxapseudes cf. garthi</i>	Jarquín-González and García-Madriral (2009)
Family Leptocheliidae Lang, 1973	
<i>Leptochelia cf. dubia</i>	Jarquín-González and García-Madriral (2009)
Family Metapseudidae Lang, 1970	
<i>Apseudomorpha</i> sp.	Jarquín-González and García-Madriral (2009)
<i>Cycloapseudes cf. indecorus</i>	
<i>Synapseudes</i> sp.	Howard (1952)
<i>Synapseudes</i> sp.	Jarquín-González and García-Madriral (2009)
Family Paratanaidae Lang, 1949	
<i>Paratanais cf. denticulatus</i>	Jarquín-González and García-Madriral (2009)
Family Parapseudidae Gutu, 1980	
<i>Parapseudes pedispinis</i> (Boone, 1923)	Jarquín-González and García-Madriral (2009)
Family Tanaidae Dana, 1849	
<i>Sinelobus stanfordi</i> (Richardson, 1901)	Jarquín-González and García-Madriral (2009)
Subclass Hoplocarida Calman, 1904	
Order Stomatopoda Latreille, 1817	
Suborder Unipeltata Latreille, 1825	
Family Eurysquillidae Manning, 1977	
<i>Eurysquilla veleronis</i> (Schmitt, 1940)	Schmitt (1940)
Family Gonodactylidae Giesbrecht, 1910	
<i>Neogonodactylus stanschi</i> (Schmitt, 1940)	Schmitt (1940)
<i>Neogonodactylus zaca</i> (Manning, 1972)	Manning (1972)
Family Lysiosquillidae Giesbrecht, 1910	
<i>Lysiosquilla desaussurei</i> (Stimpson, 1857) (= <i>Cloridopsis dubia</i> after Appeltants <i>et al.</i> 2012)	Manning (1972)
<i>Lysiosquilla panamica</i> Manning, 1971	Barbosa-Ledesma <i>et al.</i> (2000)
Family Pseudosquillidae Manning, 1977	
<i>Pseudosquillisma adialta</i> (Manning, 1964)	Manning (1972)
Family Squillidae Latreille, 1802	
<i>Meiosquilla swetti</i> (Schmitt, 1940)	Manning (1972)
<i>Squilla aculeata aculeata</i> Bigelow, 1891	Manning (1972)
<i>Squilla biformis</i> Bigelow, 1891	Manning (1972)
<i>Squilla hancocki</i> Schmitt, 1940	Schmitt (1940)
<i>Squilla mantoidea</i> Bigelow, 1893	Sosa-Hernández <i>et al.</i> (1980)
<i>Squilla panamensis</i> Bigelow, 1891	Manning (1972)
<i>Squilla parva</i> Bigelow, 1891	Schmitt (1940)
<i>Squilla tiburonensis</i> Schmitt, 1940	Sosa-Hernández <i>et al.</i> (1980)
<i>Squilla</i> sp. Luke (1977)	Luke (1977)
Class Maxillopoda Dahl, 1956	
Subclass Copepoda Milne-Edwards, 1840	
Order Calanoidea Sars, 1903	
Family Pontellidae Dana, 1852	
<i>Labidocera acuta</i> (Dana, 1849)	Álvarez-Silva <i>et al.</i> (2003)
<i>Labidocera darwinii</i> Lubbock, 1853	Álvarez-Silva <i>et al.</i> (2003)
<i>Pontella agassizii</i> Giesbrecht, 1895	Álvarez-Silva <i>et al.</i> (2003)
<i>Pontella tenuiremis</i> Giesbrecht, 1889	Álvarez-Silva <i>et al.</i> (2003)
<i>Pontellina plumata</i> (Dana, 1849)	Álvarez-Silva <i>et al.</i> (2003)
Order Siphonostomatoida Thorell, 1859	
Family Caligidae Burmeister, 1835	
<i>Caligus bonito</i> Wilson, 1905	Wilson (1937)
Subclass Thecostraca Gruvel, 1905	
Order Lepadiformes Buckeridge and Newman, 2006	
Family Lepadidae	
<i>Conchoderma virgatum</i> Spengler, 1789	Gámez-Vivaldo <i>et al.</i> (2006)
Order Sessilia Lamarck, 1818	
Family Chelonibiidae Pilsbry, 1916	
<i>Chelonibia testudinaria</i> (Linnaeus, 1758)	Gámez-Vivaldo <i>et al.</i> (2006)

**TABLE 10.** Checklist of the mollusks recorded in the marine areas of Oaxaca, Mexico. The systematic classification follows that of Keen (1971), modified by Skoglund (2001, 2002).

Phylum Mollusca Cuvier, 1795	Reference
Class Bivalvia Linnaeus, 1758	
Subclass Anomalodesmata Dall, 1889	
Order Pholadomyoidea Newell, 1965	
Superfamily Pandoroidea Rafinesque, 1815	
Family Lyonsiidae Fisher, 1887	
<i>Entodesma lucasanum</i> (Bartch and Rehder, 1939)	Keen (1971)
Superfamily Thracioidea Stoliczka, 1870	
Family Periplomatidae Dall, 1895	
<i>Periploma (Cricoploma) carpenteri</i> Dall, 1896	Skoglund (2001)
Family Thraciidae Stoliczka, 1870	
<i>Cyathodonta dubiosa</i> Dall, 1915	Keen (1971)
<i>Cyathodonta lucasana</i> Conrad, 1849	Keen (1971)
Subclass Heterodonta Neumayr, 1884	
Order Carditoidea Dall, 1889	
Superfamily Crassatelloidea	
Family Crassatellidae Férussac, 1822	
<i>Crassinella ecuadoriana</i> Olsson, 1961	Rodríguez-Palacios <i>et al.</i> (1988)
Order Myoidea Stoliczka, 1870	
Superfamily Gastrochaeniodea J. E. Gray, 1840	
Family Gastrochaenidae J. E. Gray, 1840	
<i>Gastrochaena (Rocellaria) ovata</i> Sowerby, 1834	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Pholadoidea Lamarck, 1809	
Family Pholadidae Lamarck, 1809	
<i>Martesia striata</i> (Linnaeus, 1758)	Zamorano <i>et al.</i> (2010)
Order Veneroidea H. Adams and A. Adams, 1856	
Superfamily Cardioidea Lamarck, 1809	
Family Cardiidae (Lamarck, 1809)	
<i>Americardia biangulata</i> (Broderip and Sowerby, 1829)	Holguín-Quiñones and González-Pedraza (1989)
<i>Laevicardium clarionense</i> (Hertlein and Strong, 1947)	Ríos-Jara <i>et al.</i> (2009)
<i>Laevicardium substriatum</i> (Conrad, 1837)	Holguín-Quiñones and González-Pedraza (1989)
<i>Papyridea aspersa</i> (G.B. Sowerby I, 1833)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Trachycardium (Dallocardia) senticosum</i> (G.B. Sowerby I, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Trachycardium (Mexicardia) panamense</i> (Sowerby, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Trachycardium (Mexicardia) procerum</i> (Sowerby, 1833)	Keen (1971)
<i>Trachycardium (Trachycardium) consors</i> (Sowerby, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Trigoniocardia (Apiocardia) obovalis</i> (G.B. Sowerby I, 1833)	Ríos-Jara <i>et al.</i> (2009)
Superfamily Carditoidea Férussac, 1822	
Family Carditidae Férussac, 1822	
<i>Cardites crassicostata</i> (Sowerby, 1825)	Holguín-Quiñones and González-Pedraza (1989)
<i>Cardites grayi</i> (Dall, 1903)	Holguín-Quiñones and González-Pedraza (1989)
<i>Cardites laticostata</i> (Sowerby, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Carditamera affinis</i> (Sowerby, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Carditamera radiata</i> (Sowerby, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Cyclocardia beebei</i> (Hertlein, 1958)	Piña-Arce and Herrera-Peña (1980)
Superfamily Chamoidea Lamarck, 1809	
Family Chamidae Lamarck, 1809	
<i>Arcinella californica</i> (Dall, 1903)	Holguín-Quiñones and González-Pedraza (1989)
<i>Chama (Chama) buddiana</i> C.B. Adams, 1852	Zamorano <i>et al.</i> (2008)
<i>Chama (Chama) echinata</i> Broderip, 1835	Holguín-Quiñones and González-Pedraza (1989)
<i>Chama (Chama) mexicana</i> Carpenter, 1857	Holguín-Quiñones and González-Pedraza (1989)
<i>Chama (Chama) sordida</i> Broderip, 1835	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Pseudochama corrugata</i> (Broderip, 1833)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Pseudochama inermis</i> (Dall 1871)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pseudochama panamensis</i> (Reeve, 1847)	Holguín-Quiñones and González-Pedraza (1989)
Superfamily Corbiculoidea J. E. Gray, 1847	
Family Corbiculidae J.E. Gray, 1847	
<i>Polymesoda (Polymesoda) cordata</i> (Martens, 1865)	Skoglund (2001)
Superfamily Cyamioidea Sars, 1878	
Family Sportellidae Dall, 1899	
<i>Basterotia peninsularis</i> (Jordan, 1936)	Keen (1971)
Superfamily Cyrenoidoidea H. Adams and A. Adams, 1857	

TABLE 10. CONTINUED.

Family Cyrenoididae H. Adams and A. Adams, 1857	
<i>Cyrenoida insula</i> Morrison, 1946	Zamorano <i>et al.</i> (2008)
Superfamily Galeommatoidea Gray, 1840	
Family Lasaeidae Gray, 1842	
<i>Kellia suborbicularis</i> (Montagu, 1803)	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Lucinoidea Fleming, 1828	
Family Lucinidae Fleming, 1828	
<i>Codakia distinguenda</i> (Tryon, 1872)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Ctena mexicana</i> (Dall, 1901)	Ríos-Jara <i>et al.</i> (2009)
<i>Lucina (Callucina) lampra</i> (Dall, 1901)	Keen (1971)
<i>Pegophysema (Pegophysema) edentuloides</i> (Verrill, 1870)	Piña-Arce and Herrera-Peña (1980)
Family Ungulinidae H. Adams and A. Adams, 1856	
<i>Diplodonta sericata</i> (Reeve, 1850)	Holguín-Quiñones and González-Pedraza (1989)
Superfamily Mactroidea Lamarck, 1809	
Family Mactridae Lamarck, 1809	
<i>Harvella elegans</i> (Sowerby, 1825)	Piña-Arce and Herrera-Peña (1980)
<i>Mactrellona exoleta</i> (Gray, 1837)	Ríos-Jara <i>et al.</i> (2009)
<i>Mulinia pallida</i> (Broderip and Sowerby, 1829)	Ríos-Jara <i>et al.</i> (2009)
Superfamily Solenoidea Lamarck, 1809	
Family Solenidae Lamarck, 1809	
<i>Solen mexicanus</i> Dall, 1899	Keen (1971)
<i>Solen pazensis</i> Lowe, 1935	Keen (1971)
<i>Solen pfeifferi</i> Dunker, 1862	Keen (1971)
Superfamily Tellinoidea Blainville, 1814	
Family Donacidae Fleming, 1828	
<i>Donax (Chion) punctatostriatus</i> Hanley, 1843	Holguín-Quiñones and González-Pedraza (1989)
<i>Donax (Donax) asper</i> Hanley, 1845	Keen (1971)
<i>Donax (Paradonax) gracilis</i> Hanley, 1845	Zamorano <i>et al.</i> (2010)
Family Psammobiidae Fleming, 1828	
<i>Gari fucata</i> (Hinds, 1845)	Zamorano <i>et al.</i> (2010)
Family Semelidae Stoliczka, 1870	
<i>Semele (Amphidesma) formosa</i> (Sowerby, 1833)	Ramírez-González and Barrientos-Luján (2007)
<i>Semele rosea tabogaensis</i> (G.B. Sowerby I, 1833)	Keen (1971)
<i>Semele rubropicta</i> Dall, 1871	Piña-Arce and Herrera-Peña (1980)
Family Solecurtidae d'Orbigny, 1846	
<i>Tagelus bourgeoisae</i> Hertlein, 1951	Keen (1971)
<i>Tagelus (Taguelus) dombeii</i> (Lamarck, 1818)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Tagelus (Taguelus) longisinuatus</i> Pilsbry and Lowe, 1932	Zamorano <i>et al.</i> (2010)
Family Tellinidae Blainville, 1814	
<i>Macoma (Psammacoma) lamproleuca</i> (Pilsbry and Lowe, 1932)	Ríos-Jara <i>et al.</i> (2009)
<i>Psammotreta (Psamotreta) viridotincta</i> (Carpenter, 1856)	Zamorano <i>et al.</i> (2010)
<i>Strigilla (Strigilla) chroma</i> Salisbry, 1934	Ríos-Jara <i>et al.</i> (2009)
<i>Strigilla (Strigilla) dichotoma</i> (Philippi, 1846)	Ríos-Jara <i>et al.</i> (2009)
<i>Tellina (Elpidollina) decumbens</i> Carpenter, 1865	Ríos-Jara <i>et al.</i> (2009)
<i>Tellina (Eurytellina) prora</i> (Hanley, 1844)	Piña-Arce and Herrera-Peña (1980)
<i>Tellina (LyrateLLina) lyra</i> Hanley, 1844	Piña-Arce and Herrera-Peña (1980)
<i>Tellina (Moerella) amianta</i> Dall, 1900	Piña-Arce and Herrera-Peña (1980)
<i>Tellina (Phyllodella) insculpta</i> Hanley, 1844	Piña-Arce and Herrera-Peña (1980)
<i>Tellina (Scissula) virgo</i> Hanley, 1844	Ríos-Jara <i>et al.</i> (2009)
<i>Temnoconcha cognata</i> (C.B. Adams, 1852)	Piña-Arce and Herrera-Peña (1980)
Superfamily Veneroidea Rafinesque, 1815	
Family Petricolidae d'Orbigny, 1840	
<i>Petricola (Petricola) lucasana</i> Hertlein and Strong, 1948	Keen (1971)
Family Veneridae Rafinesque, 1815	
<i>Chione (Chione) californiensis</i> (Broderip, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Chione (Chione) guatulcoensis</i> Hertlein and Strong, 1948	Keen (1971)
<i>Chione (Chione) subimbricata</i> (Sowerby, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Chione (?Chione) tumens</i> (Verrill, 1870)	Ramírez-González and Barrientos-Luján (2007)
<i>Chione (Chione) undatella</i> (Sowerby, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Chione (Chionopsis) amathusia</i> (Philippi, 1844)	Ríos-Jara <i>et al.</i> 2009
<i>Chione (Chionopsis) pulcaria</i> (Broderip, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Chione (Iliochione) subrugosa</i> (Wood, 1828)	Holguín-Quiñones and González-Pedraza (1989)
<i>Cyclinella producta</i> (Carpenter, 1856)	Holguín-Quiñones and González-Pedraza (1989)

TABLE 10. CONTINUED.

<i>Cyclinella saccata</i> (Gould, 1851)	Ríos-Jara <i>et al.</i> (2009)
<i>Dosinia (Dosinia) dunkeri</i> (Philippi, 1844)	Holguín-Quiñones and González-Pedraza (1989)
<i>Dosinia (Dosinia) ponderosa</i> (Schumacher, 1817)	Piña-Arce and Herrera-Peña (1980)
<i>Megapitaria aurantiaca</i> (Sowerby, 1831)	Holguín-Quiñones and González-Pedraza (1989)
<i>Megapitaria squalida</i> (Sowerby, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Mercenaria kelletii</i> (Hinds, 1845)	Holguín-Quiñones and González-Pedraza (1989)
<i>Periglypta multicostata</i> (Sowerby, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pitar (Pitar) consanguineus</i> (C.B. Adams, 1852)	Keen (1971)
<i>Pitar (Hysteroconcha) lupanaria</i> (Lesson, 1830)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pitar (Hysteroconcha) multispinosus</i> (Sowerby, 1851)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pitar (Lamelliconcha) alternatus</i> (Broderip, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pitar (Lamelliconcha) concinnus</i> (Sowerby, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pitar (Lamelliconcha) hesperius</i> Berry, 1960	Piña-Arce and Herrera-Peña (1980)
<i>Pitar (Lamelliconcha) vinaceus</i> (Olsson, 1961)	Holguín-Quiñones and González-Pedraza (1989)
<i>Protothaca (Leukoma) asperrima</i> (Sowerby, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Protothaca (Protothaca) grata</i> (Say, 1831)	Holguín-Quiñones and González-Pedraza (1989)
<i>Puberella lilacina</i> (Carpenter, 1864)	Piña-Arce and Herrera-Peña (1980)
<i>Timoclea squamosa</i> (Carpenter, 1857)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Tivela (Tivela) byronensis</i> (Gray, 1838)	Holguín-Quiñones and González-Pedraza (1989)
<i>Tivela (Tivela) delessertii</i> (G.B. Sowerby II, 1854 ex Deshayes MS)	Ríos-Jara <i>et al.</i> (2009)
<i>Transennella modesta</i> (Sowerby, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Transennella puella</i> (Carpenter, 1864)	Rodríguez-Palacios <i>et al.</i> (1988)
Subclass Protobranchia Pelseneer, 1889	
Order Nuculoida Dall, 1889	
Superfamily Nuculanoidea H. Adams and A. Adams, 1858	
Family Nuculanidae Meek, 1864	
<i>Adrana exoptata</i> (Pilsbry and Lowe, 1932)	Keen (1971)
Family Tindariidae Verrill and Bush, 1897	
<i>Tindaria compressa</i> Dall, 1908	Keen (1971)
Superfamily Nuculoidea Gray, 1824	
Family Nuculidae Gray, 1824	
<i>Nucula (Nucula) schencki</i> Hertlein and Strong, 1940	Keen (1971)
Subclass Pteriomorpha Beurlen, 1944	
Order Arcoidea Stoliczka, 1871	
Superfamily Arcoidea Lamarck, 1809	
Family Arcidae Lamarck, 1809	
<i>Acar bailyi</i> (Bartsch, 1931).	Zamorano <i>et al.</i> (2008)
<i>Acar gradata</i> (Broderip and Sowerby, 1829)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Acar rostrae</i> Berry, 1954	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Arca (Arca) mutabilis</i> (Sowerby, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Arca (Esmerarca) reinhardi</i> (Lowe, 1935)	Ríos-Jara <i>et al.</i> (2009)
<i>Arca (Larkinia) multicostata</i> (Sowerby, 1833)	Ramírez-González and Barrientos-Luján (2007)
<i>Barbatia (Barbatia) lurida</i> (Sowerby, 1833)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Barbatia (Calloarca) alternata</i> (Sowerby, 1833)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Barbatia (Cucullaearca) reeveana</i> (d'Orbigny, 1846)	Zamorano <i>et al.</i> (2006)
<i>Fugleria illota</i> (Sowerby, 1833)	Zamorano <i>et al.</i> (2008)
<i>Lunarca brevifrons</i> (G.B. Sowerby I, 1833)	Ríos-Jara <i>et al.</i> (2009)
Family Noetiidae Steward, 1930	
<i>Noetia (Noetia) reversa</i> (G.B. Sowerby I, 1833)	Piña-Arce and Herrera-Peña (1980)
Superfamily Glycymeridoidea Newton, 1916	
Family Glycymerididae Dall, 1908	
<i>Glycymeris (Axinactis) delessertii</i> (Reeve, 1843)	Holguín-Quiñones and González-Pedraza (1989)
<i>Glycymeris (Glycymeris) gigantea</i> (Reeve, 1846)	Piña-Arce and Herrera-Peña (1980)
<i>Glycymeris (Glycymeris) maculata</i> (Broderip, 1832)	Piña-Arce and Herrera-Peña (1980)
<i>Tucetona (Bellaxinea) multicostata</i> (Sowerby, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Tucetona (Tucetona) strigilata</i> (Sowerby, 1833)	Holguín-Quiñones and González-Pedraza (1989)
Order Limoida Waller, 1978	
Superfamily Limoidea Rafinesque, 1815	
Family Limidae Rafinesque 1815	
<i>Lima tetrica</i> Gould, 1851	Holguín-Quiñones and González-Pedraza (1989)
<i>Limaria pacifica</i> (d'Orbigny, 1846)	Holguín-Quiñones and González-Pedraza (1989)
Order Mytiloida Férrusac, 1822	
Superfamily Mytiloidea Rafinesque, 1815	

TABLE 10. CONTINUED.

Family Mytilidae Rafinesque, 1815	
<i>Brachidontes adamsianus</i> (Dunker, 1857)	Holguín-Quiñones and González-Pedraza (1989)
<i>Brachidontes semilaevis</i> (Menke, 1849)	de León-Herrera (2000)
<i>Choromytilus palliopunctatus</i> (Carpenter, 1857)	Holguín-Quiñones and González-Pedraza (1989)
<i>Gregariella coarctata</i> (Carpenter, 1857)	Zamorano <i>et al.</i> (2008)
<i>Lioberus splendidus</i> (Dunker, 1857)	Zamorano <i>et al.</i> (2008)
<i>Lithophaga (Diberus) plumula</i> (Hanley, 1843)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Lithophaga (Myoforceps) aristata</i> (Dillwyn, 1817)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Lithophaga (Labis) attenuata</i> (Deshayes, 1836)	Holguín-Quiñones and González-Pedraza (1989)
<i>Modiolus (Modiolus) americanus</i> (Leach, 1815)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Modiolus (Modiolus) capax</i> (Conrad, 1837)	Holguín-Quiñones and González-Pedraza (1989)
<i>Mytella guyanensis</i> (Lamarck, 1819)	Ríos-Jara <i>et al.</i> (2009)
<i>Mytella speciosa</i> (Reeve, 1857)	Ríos-Jara <i>et al.</i> (2009)
<i>Mytella strigata</i> (Hanley, 1843)	Holguín-Quiñones and González-Pedraza (1989)
<i>Septifer zeteki</i> Hertlein and Strong, 1946	Rodríguez-Palacios <i>et al.</i> (1988)
Order Ostreoida Férrusac, 1822	
Superfamily Anomioidea Rafinesque, 1815	
Family Anomiidae Rafinesque, 1815	
<i>Anomia (Anomia) peruviana</i> d'Orbigny, 1846	Holguín-Quiñones and González-Pedraza (1989)
<i>Pododesmus (Pododesmus) pernoides</i> (J.E. Gray, 1853)	Skoglund (2001)
Superfamily Ostreoida Rafinesque, 1815	
Family Gryphaeridae Vialov, 1936	
<i>Hyotissa hyotis</i> (Linnaeus, 1758)	Holguín-Quiñones and González-Pedraza (1989)
Family Ostreidae Rafinesque, 1815	
<i>Crassostrea palmula</i> (Carpenter, 1857)	Holguín-Quiñones and González-Pedraza (1989)
<i>Crassostrea prismatica</i> (Gray, 1825)	Holguín-Quiñones and González-Pedraza (1989)
<i>Ostrea conchaphila</i> Carpenter, 1857	Holguín-Quiñones and González-Pedraza (1989)
<i>Myrakeena angelica</i> (Rochebrune, 1895)	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Pectinoidea Rafinesque, 1815	
Family Pectinidae Rafinesque, 1815	
<i>Argopecten circularis</i> (Sowerby, 1835)	Piña-Arce and Herrera-Peña (1980)
<i>Argopecten ventricosus</i> (G.B. Sowerby II, 1842)	Ríos-Jara <i>et al.</i> (2009)
<i>Delectopecten zaca</i> (Hertlein, 1935)	Holguín-Quiñones and González-Pedraza (1989)
<i>Nodipecten subnodosus</i> (Sowerby, 1835)	Ramírez-González and Barrientos-Luján (2007)
Family Spondylidae Gray, 1826	
<i>Spondylus calcifer</i> Carpenter, 1857	Holguín-Quiñones and González-Pedraza (1989)
<i>Spondylus limbatus</i> G.B. Sowerby II, 1847	Ríos-Jara <i>et al.</i> (2009)
Superfamily Plicatuloidea Watson, 1930	
Family Plicatulidae Watson, 1930	
<i>Plicatula penicilata</i> Carpenter, 1857	Rodríguez-Palacios <i>et al.</i> (1988)
Order Pterioidea Newell, 1965	
Superfamily Pinnoidea Leach, 1819	
Family Pinnidae Leach, 1819	
<i>Atrina (Servatrina) maura</i> (Sowerby, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pinna rugosa</i> Sowerby, 1835	Holguín-Quiñones and González-Pedraza (1989)
Superfamily Pterioidea Gray 1847	
Family Isognomonidae Woodring, 1925	
<i>Isognomon (Melina) janus</i> Carpenter, 1857	Holguín-Quiñones and González-Pedraza (1989)
<i>Isognomon (Melina) recognitus</i> (Mabille, 1895)	Holguín-Quiñones and González-Pedraza (1989)
Family Pteriidae J.E. Gray 1847	
<i>Pinctada mazatlanica</i> (Hanley, 1856)	Holguín-Quiñones and González-Pedraza (1989)
Class Gastropoda Cuvier, 1797	
Subclass Caenogastropoda Cox 1960	
Order Neotaenioglossa Haller, 1892	
Superfamily Calyptraeidea Lamarck, 1809	
Family Calyptraeidae Blainville, 1824	
<i>Calyptraea (Calyptraea) conica</i> Broderip, 1834	Holguín-Quiñones and González-Pedraza (1989)
<i>Calyptraea (Calyptraea) mamillaris</i> Broderip, 1834	Ríos-Jara <i>et al.</i> (2009)
<i>Calyptraea (Trochita) spirata</i> (Forbes, 1852)	Keen (1971)
<i>Cheilea cepacea</i> (Broderip, 1834)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Crepidula aculeata</i> (Gmelin, 1791)	Holguín-Quiñones and González-Pedraza (1989)
<i>Crepidula excavata</i> (Broderip, 1834)	Piña-Arce and Herrera-Peña (1980)
<i>Crepidula incurva</i> (Broderip, 1834)	Holguín-Quiñones and González-Pedraza (1989)

TABLE 10. CONTINUED.

<i>Crepidula lessonii</i> (Broderip, 1834)	Ríos-Jara <i>et al.</i> (2009)
<i>Crepidula onyx</i> G.B. Sowerby I, 1824	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Crepidula striolata</i> Menke, 1851	Holguín-Quiñones and González-Pedraza (1989)
<i>Crepidula uncatata</i> Menke, 1847	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Crepipatella lingulata</i> (Gould, 1846)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Crucibulum (Crucibulum) cyclopium</i> Berry, 1969	Holguín-Quiñones and González-Pedraza (1989)
<i>Crucibulum (Crucibulum) lignarium</i> (Broderip, 1834)	Piña-Arce and Herrera-Peña (1980)
<i>Crucibulum (Crucibulum) monticulus</i> Berry, 1969	Keen (1971)
<i>Crucibulum (Crucibulum) personatum</i> Keen, 1958	Ríos-Jara <i>et al.</i> (2009)
<i>Crucibulum (Crucibulum) scutellatum</i> (Wood, 1928)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Crucibulum (Crucibulum) spinosum</i> (Sowerby, 1824)	Piña-Arce and Herrera-Peña (1980)
<i>Crucibulum (Crucibulum) umbrella</i> (Deshayes, 1830)	Holguín-Quiñones and González-Pedraza (1989)
<i>Crucibulum pectinatum</i> Carpenter, 1856	Rodríguez-Palacios <i>et al.</i> (1988)
Family Capulidae Fleming, 1822	
<i>Capulus sericeus</i> J. and R. Burch, 1961	Zamorano <i>et al.</i> (2008)
Superfamily Cancellarioidea Gray, 1853	
Family Cancellariidae Forbes and Hanley, 1851	
<i>Cancellaria (Euclia) balboae</i> Pilsbry, 1931	Keen (1971)
Superfamily Cerithioidea Férussac 1822	
Family Cerithiidae Férussac 1822	
<i>Cerithium (Theridium) maculosum</i> Kiener, 1841	Holguín-Quiñones and González-Pedraza (1989)
<i>Cerithium (Theridium) stercusmuscarum</i> Valenciennes, 1833	Holguín-Quiñones and González-Pedraza (1989)
Family Modulidae Fisher, 1884	
<i>Modulus catenulatus</i> (Philippi, 1849)	Zamorano <i>et al.</i> (2010)
<i>Modulus cerodes</i> (A. Adams, 1851)	Rodríguez-Palacios <i>et al.</i> (1988)
Family Turritellidae Lovén 1847	
<i>Turritella banksi</i> Reeve, 1849	Ríos-Jara <i>et al.</i> (2009)
<i>Turritella leucostoma</i> Valenciennes, 1832	Piña-Arce and Herrera-Peña (1980)
<i>Vermicularia frisbeyae</i> McLean, 1970	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Vermicularia pellucida eburnea</i> (Reeve, 1842)	Zamorano <i>et al.</i> (2008)
Superfamily Conoidea Fleming, 1822	
Family Conidae Fleming, 1822	
<i>Conus (Asprella) arcuatus</i> Broderip and Sowerby, 1829	Piña-Arce and Herrera-Peña (1980)
<i>Conus baccatus</i> Sowerby, 1877	Skoglund (2002)
<i>Conus fergusonii</i> G.B. Sowerby II, 1873	Piña-Arce and Herrera-Peña (1980)
<i>Conus purpurascens</i> G.B. Sowerby I, 1833	Piña-Arce and Herrera-Peña (1980)
<i>Conus (Conus) brunneus</i> Wood, 1828	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Conus (Conus) princeps</i> Linnaeus, 1758	Holguín-Quiñones and González-Pedraza (1989)
<i>Conus (Leptoconus) recurvus</i> Broderip, 1833	Holguín-Quiñones and González-Pedraza (1989)
<i>Conus (Stephanoconus) nux</i> Broderip, 1833	Holguín-Quiñones and González-Pedraza (1989)
<i>Conus (Ximeniconus) perplexus</i> Sowerby, 1857	Holguín-Quiñones and González-Pedraza (1989)
<i>Conus (Ximeniconus) ximenes</i> Gray, 1839	Holguín-Quiñones and González-Pedraza (1989)
Family Terebridae H. Adams and A. Adams, 1854	
<i>Hastula (Impages) cinerea</i> (Born, 1778)	Holguín-Quiñones and González-Pedraza (1989)
<i>Terebra armillata</i> Hinds, 1844	Holguín-Quiñones and González-Pedraza (1989)
<i>Terebra elata</i> Hinds, 1844	Holguín-Quiñones and González-Pedraza (1989)
<i>Terebra robusta</i> Hinds, 1844	Piña-Arce and Herrera-Peña (1980)
Family Turridae Swainson 1840	
<i>Agladrillia flucticulus</i> McLean and Poorman, 1971	Keen (1971)
<i>Calliclava craneana</i> (Hertlein and Strong, 1951)	Keen (1971)
<i>Calliclava rhodina</i> McLean and Poorman, 1971	Keen (1971)
<i>Clathurella rigida</i> (Hinds, 1843)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Crassispira (Crassispirella) discors</i> (Sowerby, 1834)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Crassispira (Dallspira) cerithioidea</i> (Carpenter, 1857)	Zamorano <i>et al.</i> (2008)
<i>Cruziturrucula arcuata</i> (Reeve, 1843)	Keen (1971)
<i>Eleocyma ricaudae</i> Berry, 1969	Skoglund (2002)
<i>Drillia (Clathrodrillia) allyniana</i> (Hertlein and Strong, 1951)	Keen (1971)
<i>Fusiturrucula armilda</i> (Dall, 1908)	Holguín-Quiñones and González-Pedraza (1989)
<i>Gemmula hindsiana</i> Berry, 1958	Holguín-Quiñones and González-Pedraza (1989)
<i>Knefastia funiculata</i> (Kiener, 1840, ex Valenciennes, MS)	Keen (1971)
<i>Knefastia olivacea</i> (Sowerby, 1833)	Piña-Arce and Herrera-Peña (1980)
<i>Kurzia arteaga</i> (Dall and Bartch, 1910)	Keen (1971)
<i>Kylix contracta</i> McLean and Poorman, 1971	Keen (1971)



TABLE 10. CONTINUED.

<i>Leptadrillia elissa</i> (Dall, 1919)	Keen (1971)
<i>Pilsbryspira (Pilsbryspira) garciacubasi</i> Shaski, 1971	Zamorano <i>et al.</i> (2008)
<i>Polystira picta</i> (Reeve, 1843)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pyrgocythara phaethusa</i> (Dall, 1919)	Keen (1971)
<i>Splendrillia arga</i> McLean and Poorman, 1971	Skoglund (2002)
Superfamily Cypraeoidea Rafinesque 1815	
Family Cypraeidae Rafinesque 1815	
<i>Erosaria (Erosaria) albuginosa</i> Gray, 1825	Holguín-Quiñones and González-Pedraza (1989)
<i>Macrocyprea cervinetta</i> (Kiener, 1843)	Holguín-Quiñones and González-Pedraza (1989)
<i>Mauritia arabicula</i> (Lamarck, 1811)	Holguín-Quiñones and González-Pedraza (1989)
Family Ovulidae Fleming, 1822	
<i>Jenneria pustulata</i> ([Lightfoot, 1786], ex Solander MS)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Neosimnia aequalis</i> (Sowerby, 1832)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Simnialena rufa</i> (Sowerby, 1832)	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Eulimoidea Philippi 1853	
Family Eulimidae Philippi, 1853	
<i>Eulima (Eulima) raymondi</i> Rivers, 1904	Skoglund (2002)
<i>Melanella drangai</i> (Hertlein and Strong, 1951)	Keen (1971)
Superfamily Janthinoidea Lamarck, 1812	
Family Epitoniidae Berry, 1910	
<i>Amaea (Scalina) ferminiana</i> (Dall, 1908)	Holguín-Quiñones and González-Pedraza (1989)
<i>Amaea (Scalina) tehuancarum</i> DuShane and McLean, 1968	Keen (1971)
<i>Epitonium (Lamelliscala) mitraeforme</i> (Sowerby, 1844)	Keen (1971)
<i>Opalia (Nodiscala) sanjuanensis</i> (Lowe, 1932)	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Littorinoidea Children, 1834	
Family Littorinidae Children, 1834	
<i>Littoraria (Littoraria) zebra</i> Gray, 1839	Ríos-Jara <i>et al.</i> (2009)
<i>Nodilittorina (Nodilittorina) aspera</i> (Philippi, 1846)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Nodilittorina (Fossarillitorina) modesta</i> (Philippi, 1846)	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Muricoidea Rafinesque, 1815	
Family Buccinidae Rafinesque, 1815	
<i>Caducifer nigricostatus</i> (Reeve, 1846)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Cantharus (Cantharus) panamicus</i> (Hertlein and Strong, 1951)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Cantharus (Pollia) gemmatus</i> (Reeve, 1846)	Holguín-Quiñones and González-Pedraza (1989)
<i>Cantharus (Pollia) ringens</i> (Reeve, 1846)	Ríos-Jara <i>et al.</i> (2009)
<i>Cantharus (Pollia) sanguinolentus</i> (Duclos, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Cantharus (Solenosteira) gatesi</i> (Berry, 1963)	Piña-Arce and Herrera-Peña (1980)
<i>Colubraria procera</i> (Sowerby, 1832)	Keen (1971)
<i>Engina fusiformis</i> Pease, 1865	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Engina jugosa</i> (C.B. Adams, 1852)	Zamorano <i>et al.</i> (2008)
<i>Engina maura</i> (Sowerby, 1832)	Zamorano <i>et al.</i> (2006)
<i>Engina tabogaensis</i> Bartsch, 1931	Holguín-Quiñones and González-Pedraza (1989)
<i>Northia northiae</i> (Griffith and Pidgeon, 1834, ex Gray MS)	Keen (1971)
<i>Phos (Cymatophos) crassus</i> Hinds, 1843	Piña-Arce and Herrera-Peña (1980)
Family Columbelloidea Swainson 1840	
Family Columbelloidea Swainson 1840	
<i>Aesopus (Aesopus) sanctus</i> Dall, 1919	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Anachis (Anachis) scalarina</i> (Sowerby, 1832)	Zamorano <i>et al.</i> (2006)
<i>Anachis phanea</i> Dall, 1919	Keen (1971)
<i>Columbella fuscata</i> Sowerby, 1832	Holguín-Quiñones and González-Pedraza (1989)
<i>Columbella haemastoma</i> Sowerby, 1832	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Columbella major</i> Sowerby, 1832	Holguín-Quiñones and González-Pedraza (1989)
<i>Columbella socorroensis</i> Shaski, 1970	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Columbella sonsonatensis</i> (Mörch, 1860)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Columbella strombiformis</i> Lamarck, 1822	Holguín-Quiñones and González-Pedraza (1989)
<i>Cosmiconcha palmeri</i> (Dall, 1913)	Holguín-Quiñones and González-Pedraza (1989)
<i>Costoanachis hilli</i> (Pilsbry and Lowe, 1932)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Costoanachis lentiginosa</i> (Hinds, 1844)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Costoanachis ritteri</i> (Hertlein and Strong, 1951)	Keen (1971)
<i>Costoanachis treva</i> (Baker, Hanna and Strong, 1938)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Cotonopsis (Cotonopsis) suteri</i> Jung, 1989	Skoglund (2002)
<i>Mitrella baccata</i> (Gaskoin, 1851)	Holguín-Quiñones and González-Pedraza (1989)
<i>Mitrella caulerpae</i> Keen, 1971	Zamorano <i>et al.</i> (2006)
<i>Mitrella lalage</i> Pilsbry and Lowe, 1932	Keen (1971)

TABLE 10. CONTINUED.

<i>Mitrella ocellata</i> (Gmelin, 1791)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Mitrella santabarbarensis</i> (Gould and Carpenter, 1857)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Nassarina (Cigclirina) helenae</i> Keen, 1971	Keen (1971)
<i>Nassarina (Cigclirina) perata</i> Keen, 1971	Keen (1971)
<i>Parvanachis gaskoini</i> (Carpenter, 1857)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Radwinia tehuantepecensis</i> Shaski, 1970	Keen (1971)
<i>Steironepion melanosticta</i> Pilsbry and Lowe, 1932	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Zafrona incerta</i> (Stearns, 1892)	Rodríguez-Palacios <i>et al.</i> (1988)
Family Fasciolaridae Gray, 1853	
<i>Fusinus (Fusinus) dupetitthouarsi</i> (Kiener, 1840)	Piña-Arce and Herrera-Peña (1980)
<i>Fusinus ambustus</i> (Gould, 1853)	Piña-Arce and Herrera-Peña (1980)
<i>Fusinus spectrum</i> (A. Adams and Reeve, 1848)	Piña-Arce and Herrera-Peña (1980)
<i>Latirus mediamericus</i> Hertlein and Strong, 1951	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Leucozonia cerata</i> (Wood, 1828)	Holguín-Quiñones and González-Pedraza (1989)
<i>Leucozonia rudis</i> (Reeve, 1847)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Opeatostoma pseudodon</i> (Burrow, 1815)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pleuroploca granosa</i> (Broderip, 1832)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pleuroploca princeps</i> (Sowerby, 1825)	Holguín-Quiñones and González-Pedraza (1989)
<i>Pleuroploca salmo</i> (Woods, 1828)	Piña-Arce and Herrera-Peña (1980)
Family Harpidae Bronn, 1840	
<i>Harpa crenata</i> Swainson, 1822	Piña-Arce and Herrera-Peña (1980)
<i>Morum (Morum) tuberculosum</i> (Reeve, 1842, ex Sowerby, MS)	Rodríguez-Palacios <i>et al.</i> (1988)
Family Melongenidae (McLean, 1996)	
<i>Melongenella patula</i> (Broderip and Sowerby, 1829)	Piña-Arce and Herrera-Peña (1980)
Family Muricidae Rafinesque, 1815	
<i>Acanthais brevidentata</i> (Wood, 1828)	Holguín-Quiñones and González-Pedraza (1989)
<i>Acanthais (Acanthais) pyramidalis</i> (Broderip, 1833)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Babelomurex costata</i> (Blainville, 1832)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Coralliophila (Coralliophila) neritoidea</i> (Lamarck, 1816)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Favartia (Favartia) erosa</i> (Broderip, 1833)	Zamorano <i>et al.</i> (2006)
<i>Favartia (Favartia) lappa</i> (Broderip, 1833)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Hexaplex erythrostomus</i> (Swainson, 1831)	Holguín-Quiñones and González-Pedraza (1989)
<i>Hexaplex regius</i> (Swainson, 1821)	Piña-Arce and Herrera-Peña (1980)
<i>Hexaplex (Trunculariopsis) brassica</i> (Lamarck, 1822)	Piña-Arce and Herrera-Peña (1980)
<i>Hexaplex (Trunculariopsis) princeps</i> (Broderip, 1833)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Homalocantha oxyacantha</i> (Broderip, 1833)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Mancinella speciosa</i> (Valenciennes, 1832)	Holguín-Quiñones and González-Pedraza (1989)
<i>Mancinella triangularis</i> (Blainville, 1832)	Holguín-Quiñones and González-Pedraza (1989)
<i>Muricanthus ambiguus</i> (Reeve, 1845)	Keen (1971)
<i>Muricanthus nigrinus</i> (Philippi, 1845)	Piña-Arce and Herrera-Peña (1980)
<i>Muricanthus radix</i> (Gmelin, 1791)	Ríos-Jara <i>et al.</i> (2009)
<i>Muricopsis (Muricopsis) zeteki</i> Hertlein and Strong, 1951	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Neorapana muricata</i> (Broderip, 1832)	Holguín-Quiñones and González-Pedraza (1989)
<i>Neorapana tuberculata</i> (Sowerby, 1835)	Ramírez-González and Barrientos-Luján (2007)
<i>Phyllonotus peratus</i> Keen, 1960	Keen (1971)
<i>Plicopurpura columellaris</i> (Lamarck, 1822)	Holguín-Quiñones and González-Pedraza (1989)
<i>Tripterotyphis fayae</i> (Keen and Campbell, 1964)	Zamorano <i>et al.</i> (2008)
<i>Tripterotyphis lowei lowei</i> (Pilsbry, 1931)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Quoyula madreporarum</i> (Sowerby, 1834)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Stramonita biserialis</i> (Blainville, 1832)	Piña-Arce and Herrera-Peña (1980)
<i>Thaisella kiosquiformis</i> (Duclos, 1832)	Ríos-Jara <i>et al.</i> (2009)
<i>Trachypollia lugubris</i> (C.B. Adams, 1852)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Vasula melones</i> (Duclos, 1832)	Keen (1971)
<i>Vitularia salebrosa</i> (King and Broderip, 1832)	Zamorano <i>et al.</i> (2010)
<i>Vokesimurex recurvirostris</i> (Broderip, 1833)	Piña-Arce and Herrera-Peña (1980)
Family Nassariidae Iredale 1916	
<i>Nassarius bailyi</i> (Pilsbry and Lowe, 1932)	Zamorano <i>et al.</i> (2010)
<i>Nassarius catallus</i> (Dall, 1908)	Holguín-Quiñones and González-Pedraza (1989)
<i>Nassarius versicolor</i> (C.B. Adams, 1852)	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Naticoidea Guilding, 1834	
Family Naticidae Guilding, 1834	
<i>Natica (Naticarius) chemnitzii</i> Récluz in Reeve, 1855	Holguín-Quiñones and González-Pedraza (1989)
<i>Natica (Naticarius) colima</i> Strong and Hertlein, 1937	Holguín-Quiñones and González-Pedraza (1989)

TABLE 10. CONTINUED.

<i>Natica (Naticarius) othello</i> Dall, 1908	Keen (1971)
<i>Natica (Stigmaulax) broderipiana</i> Récluz, 1844	Holguín-Quiñones and González-Pedraza (1989)
<i>Polinices uber</i> (Valenciennes, 1832)	Holguín-Quiñones and González-Pedraza (1989)
<i>Stigmaulax elenae</i> (Récluz, 1844)	Piña-Arce and Herrera-Peña (1980)
Superfamily Olivoidea Olsson, 1956	
Family Cystiscidae Stimpson, 1865	
<i>Persicula imbricata</i> (Hinds, 1844)	Holguín-Quiñones and González-Pedraza (1989)
<i>Persicula phrygia</i> (Hinds, 1844)	Rodríguez-Palacios <i>et al.</i> (1988)
Family Mitridae Swainson 1831	
<i>Mitra (Fusimitra) swainsonii</i> Broderip, 1836	Ríos-Jara <i>et al.</i> (2009)
<i>Mitra (Nebularia) crenata</i> Broderip, 1836	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Mitra (Nebularia) inca</i> d'Orbigny, 1841	
<i>Mitra (Nebularia) lens</i> (Wood, 1828)	Zamorano <i>et al.</i> (2008)
Family Olivellidae Troschel, 1869	
<i>Olivella (Olivella) altatae</i> (Marratin: Sowerby, 1871)	Zamorano <i>et al.</i> (2008)
<i>Olivella (Olivella) dama</i> (Wood, 1828, ex Mawe MS)	Holguín-Quiñones and González-Pedraza (1989)
<i>Olivella (Olivella) gracilis</i> (Broderip and Sowerby, 1829)	Holguín-Quiñones and González-Pedraza (1989)
Family Olividae Latreille, 1825	
<i>Agaronia testacea</i> (Lamarck, 1811)	Holguín-Quiñones and González-Pedraza (1989)
<i>Oliva (Strephona) incrassata</i> (Lightfoot, 1786)	Holguín-Quiñones and González-Pedraza (1989)
<i>Oliva (Strephona) polpasta</i> Duclos, 1833	Piña-Arce and Herrera-Peña (1980)
<i>Oliva (Strephona) spicata</i> (Röding, 1798)	Piña-Arce and Herrera-Peña (1980)
<i>Oliva (Strephona) splendidula</i> Sowerby, 1825	Piña-Arce and Herrera-Peña (1980)
Family Vasidae H. Adams and A. Adams, 1854	
<i>Vasum caestus</i> (Broderip, 1833)	Holguín-Quiñones and González-Pedraza (1989)
Superfamily Rissoidae Gray, 1847	
Family Barleeidae Gray, 1857	
<i>Barleeia bifasciata</i> (Carpenter, 1957)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Lirobarleeia ingrami</i> (Hertlein and Strong, 1951)	Keen (1971)
Family Rissoidae Gray 1847	
<i>Rissoina (Rissoina) axeliana</i> Hertlein and Strong, 1951	Keen (1971)
<i>Rissoina (Rissoina) stricta</i> Menke, 1850	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Stromboidea Rafinesque, 1815	
Family Strombidae Rafinesque, 1815	
<i>Strombus (Strombus) gracilior</i> Sowerby, 1825	Holguín-Quiñones and González-Pedraza (1989)
<i>Strombus (Tricornis) galeatus</i> Swainson, 1823	Holguín-Quiñones and González-Pedraza (1989)
<i>Strombus (Tricornis) peruvianus</i> Swainson, 1823	Holguín-Quiñones and González-Pedraza (1989)
Superfamily Tonnoidea Suter, 1913	
Family Bursidae Thiele, 1925	
<i>Bursa (Colubrellina) corrugata corrugata</i> (Perry, 1811)	Ríos-Jara <i>et al.</i> (2009)
<i>Marsupina nana</i> (Broderip and Sowerby, 1829)	Piña-Arce and Herrera-Peña (1980)
Family Cassidae Latreille, 1825	
<i>Cypraecassis (Levenia) coarctata</i> (Sowerby, 1825)	Holguín-Quiñones and González-Pedraza (1989)
Family Ficidae Meek, 1864	
<i>Ficus ventricosa</i> (Sowerby, 1825)	Piña-Arce and Herrera-Peña (1980)
Family Personidae Gray, 1854	
<i>Distorsio (Distorsio) decussata</i> (Valencianes, 1832)	Piña-Arce and Herrera-Peña (1980)
Family Ranellidae Gray, 1854	
<i>Monoplex lignarium</i> (Broderip, 1833)	Holguín-Quiñones and González-Pedraza (1989)
<i>Monoplex wiegmanni</i> (Anton, 1839)	Piña-Arce and Herrera-Peña (1980)
<i>Turritriton gibbosum</i> (Broderip, 1833)	Holguín-Quiñones and González-Pedraza (1989)
Family Tonnidae Suter, 1913	
<i>Malea ringens</i> (Swainson, 1822)	Holguín-Quiñones and González-Pedraza (1989)
Superfamily Triphoroidea Gray, 1847	
Family Cerithiopsidae H. Adams and A. Adams, 1853	
<i>Cerithiopsis guatulcoensis</i> Hertlein and Strong, 1951	Keen (1971)
<i>Cerithiopsis oaxacana</i> Hertlein and Strong, 1951	Keen (1971)
<i>Cerithiopsis perrini</i> Hertlein and Strong, 1951	Keen (1971)
<i>Seila assimilata</i> (C.B.Adams, 1852)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Seila pulmoensis</i> DuShane and Draper, 1975	Rodríguez-Palacios <i>et al.</i> (1988)
Family Triphoridae Gray, 1847	
<i>Triphora chathamensis</i> Bartch, 1907	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Vanikoroidea Gray, 1840	

TABLE 10. CONTINUED.

Family Hipponicidae Troschel, 1861	
<i>Hipponix antiquatus panamensis</i> C.B. Adams, 1852	Holguín-Quiñones and González-Pedraza (1989)
<i>Hipponix grayanus</i> Menke, 1853	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Pilosabia pilosa</i> (Deshayes, 1832)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Pilosabia planatus</i> (Carpenter, 1857)	Rodríguez-Palacios <i>et al.</i> (1988)
Family Vanikoridae Gray, 1840	
<i>Vanikoro aperta</i> (Carpenter, 1864)	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Velutinoidea Gray 1840	
Family Triviidae Troschel 1863	
<i>Trivia fusca</i> (Sowerby, 1832, ex Gray, MS)	
<i>Trivia pacifica</i> (Sowerby, 1832, ex Gray, MS)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Trivia (Pusula) sanguinea</i> (Sowerby, 1832)	Skoglund (2002)
<i>Hespererato columbella</i> (Menke, 1847)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Hespererato scabriscula</i> (Sowerby, 1832)	Zamorano <i>et al.</i> (2006)
Superfamily Vermetoidea Rafinesque, 1815	
Family Planaxidae Gray, 1850	
<i>Planaxis obsoletus</i> Menke, 1851	Keen (1971)
<i>Planaxis planicostatus</i> Sowerby, 1825	Holguín-Quiñones and González-Pedraza (1989)
Family Potamididae H. Adams and A. Adams, 1854	
<i>Cerithidea montagnei</i> (d'Orbigny, 1839)	Zamorano <i>et al.</i> (2010)
<i>Cerithidea (Cerithideopsis) californica mazatlanica</i> Carpenter, 1857	Holguín-Quiñones and González-Pedraza (1989)
<i>Cerithidea (Cerithideopsis) valida</i> (C.B. Adams, 1852)	Holguín-Quiñones and González-Pedraza (1989)
Family Vermetidae Rafinesque, 1815	
<i>Eualetes centiquadra</i> (Velencienes, 1846)	Holguín-Quiñones and González-Pedraza (1989)
<i>Petalococonchus (Petalococonchus) complicatus</i> Dall, 1908	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Petalococonchus (Petalococonchus) flavescens</i> (Carpenter, 1857)	Holguín-Quiñones and González-Pedraza (1989)
<i>Petalococonchus macrophagma</i> Carpenter, 1857	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Serpulorbis margaritaceus</i> (Chenu, 1844)	Ríos-Jara <i>et al.</i> (2009)
<i>Serpulorbis oryzata</i> (Mörch, 1862)	Holguín-Quiñones and González-Pedraza (1989)
<i>Tripsyca (Tripsyca) tripsyca</i> (Pilsbry and Lowe, 1932)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Vermetus (Thylaeodus) contortus</i> (Carpenter, 1857)	Keen (1983)
<i>Vermetus (Thylaeodus) indentatus</i> (Carpenter, 1857)	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Xenophoroidea Troschel, 1852	
Family Xenophoridae Troschel, 1852	
<i>Xenophora (Xenophora) conchyliophora</i> (Born, 1780)	Keen (1971)
Subclass Heterobranchia Gray, 1840	
Order Heterostropha Fischer, 1885	
Superfamily Architectonicoidea J.E. Gray, 1850	
Family Architectonicidae Gray, 1850	
<i>Architectonica (Architectonica) nobilis</i> Röding, 1798	Holguín-Quiñones and González-Pedraza (1989)
Superfamily Pyramidelloidea J.E. Gray, 1840	
Family Pyramidellidae Gray, 1840	
<i>Evalea gallegosiana</i> (Hertlein and Strong, 1951)	Keen (1971)
<i>Evalina tehuantepecana</i> (Hertlein and Strong, 1951)	Keen (1971)
<i>Pyrgiscus tehuantepecana</i> (Hertlein and Strong, 1951)	Keen (1971)
<i>Turbonilla (Mormula) guatulcoensis</i> Hertlein and Strong, 1951	Keen (1971)
<i>Turbonilla (Pyrgolampros) soniliana</i> Hertlein and Strong, 1951	Keen (1971)
<i>Turbonilla (Strioturbonilla) contrerasiana</i> Hertlein and Strong, 1951	Keen (1971)
<i>Turbonilla (Strioturbonilla) oaxacana</i> Hertlein and Strong, 1952	Keen (1971)
Subclass Neritimorpha Bandel, 1992	
Superfamily Neritoidea Rafinesque, 1815	
Family Neritidae Rafinesque, 1815	
<i>Nerita (Cymostyla) scabricosta</i> Lamarck, 1822	Holguín-Quiñones and González-Pedraza (1989)
<i>Nerita (Theliostyla) funiculata</i> Menke, 1851	Holguín-Quiñones and González-Pedraza (1989)
<i>Theodoxus (Vittocliothon) luteofasciatus</i> (Miller, 1879)	Holguín-Quiñones and González-Pedraza (1989)
Subclass Opisthobranchia H. Milne-Edwards, 1848	
Order Anaspidea Fischer, 1883	
Superfamily Aplysioidea Lamarck, 1809	
Family Aplysiidae Lamarck, 1809	
<i>Aplysia (Neaplysia) californica</i> Cooper, 1863	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Dolabella auricularia</i> (Lighfoot, 1786)	Rodríguez-Palacios <i>et al.</i> (1988)
Order Cephalaspidea Fischer, 1883	
Superfamily Bulloidea Lamarck, 1801	

TABLE 10. CONTINUED.

Family Bullidae Rafinesque, 1815	
<i>Bulla (Bulla) punctulata</i> A. Adams in: Sowerby, 1850	Holguín-Quiñones and González-Pedraza (1989)
Order Gymnophila Baker 1955	
Superfamily Onchidioidea Rafinesque, 1815	
Family Onchidiidae Rafinesque, 1815	
<i>Hoffmannola hansii</i> (Stearns, 1892)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Hoffmannola lesliei</i> (Stearns, 1892)	Holguín-Quiñones and González-Pedraza (1989)
Order Nudibranchia Blainville, 1814	
Family Dendrodorididae O'donoghue, 1924	
<i>Dendrodoris fumata</i> (Rüppell and Leuckart, 1830)	Rodríguez-Palacios <i>et al.</i> (1988)
Family Discodorididae Bergh, 1891	
<i>Dialula sandiegensis</i> (Cooper, 1863)	Rodríguez-Palacios <i>et al.</i> (1988)
Family Tritoniidae H. Adams and A. Adams, 1858	
<i>Tritonia festiva</i> (Stearns, 1873)	Rodríguez-Palacios <i>et al.</i> (1988)
Subclass Patellogastropoda Lindberg, 1988	
Superfamily Acmaeioidea Forbes, 1850	
Family Lottiidae Gray, 1840	
<i>Lottia acutapex</i> (Berry, 1960)	Holguín-Quiñones and González-Pedraza (1989)
<i>Lottia discors</i> (Philippi, 1849)	Holguín-Quiñones and González-Pedraza (1989)
<i>Lottia mesoleuca</i> (Menke, 1851)	Holguín-Quiñones and González-Pedraza (1989)
<i>Lottia mitella</i> (Menke, 1847)	Holguín-Quiñones and González-Pedraza (1989)
<i>Lottia pediculus</i> (Philippi, 1846)	Holguín-Quiñones and González-Pedraza (1989)
<i>Lottia strongiana</i> (Hertlein, 1958)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Macrarena spectabilospina</i> Shasky, 1970	Keen (1971)
<i>Tectura fascicularis</i> (Menke, 1851)	Holguín-Quiñones and González-Pedraza (1989)
<i>Tectura ubiquita</i> (Lindberg and McLean, 1981)	Skoglund (2002)
Superfamily Eoacmaeioidea Nakano and Ozawa, 2007	
Family Eoacmaeidae Nakano and Ozawa, 2007	
<i>Eoacmaea semirubida</i> (Dall, 1914)	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Fissurelloidea Fleming 1822	
Family Fissurellidae Fleming 1822	
<i>Diodora inaequalis</i> (Sowerby, 1835)	Holguín-Quiñones and González-Pedraza (1989)
<i>Diodora saturnalis</i> (Carpenter, 1864)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Fissurella (Cremides) asperella</i> Sowerby, 1835	Holguín-Quiñones and González-Pedraza (1989)
<i>Fissurella (Cremides) decemcostata</i> McLean, 1970	Holguín-Quiñones and González-Pedraza (1989)
<i>Fissurella (Cremides) gemmata</i> Menke, 1847	Holguín-Quiñones and González-Pedraza (1989)
<i>Fissurella (Cremides) microtrema</i> Sowerby, 1835	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Fissurella (Cremides) nigrocincta</i> Carpenter, 1856	Holguín-Quiñones and González-Pedraza (1989)
<i>Fissurella (Cremides) rubropicta</i> Pilsbry, 1890	Keen (1971)
<i>Fissurella (Cremides) spongiosa</i> Carpenter, 1857	Holguín-Quiñones and González-Pedraza (1989)
<i>Lucapinella aequalis</i> (G.B. Sowerby, 1835)	Keen (1971)
<i>Octomarginula natlandi</i> (Durham, 1950)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Puncturella (Puncturella) punctocostata</i> Berry, 1947	Rodríguez-Palacios <i>et al.</i> (1988)
Superfamily Patelloidea Rafinesque, 1815	
Family Patellidae Rafinesque, 1815	
<i>Scutellastra mexicana</i> (Broderip and G.B. Sowerby I, 1829)	Holguín-Quiñones and González-Pedraza (1989)
Subclass Pulmonata Cuvier, 1817	
Order Hygrophila Férussac, 1822	
Superfamily Siphonarioidea Gray, 1827	
Family Siphonariidae Gray, 1827	
<i>Siphonaria (Heterosiphonaria) maura</i> Sowerby, 1835	Holguín-Quiñones and González-Pedraza (1989)
<i>Siphonaria (Heterosiphonaria) palmata</i> Carpenter, 1857	Holguín-Quiñones and González-Pedraza (1989)
<i>Willamia peltoides</i> (Carpenter, 1864)	Rodríguez-Palacios <i>et al.</i> (1988)
Subclass Vetigastropoda Salvini-Plawen, 1980	
Superfamily Trochoidea Rafinesque 1815	
Family Trochidae Rafinesque 1815	
<i>Tegula (Agathistoma) corteziana</i> McLean, 1970	de León-Herrera (2000)
<i>Tegula (Agathistoma) globulus</i> (Carpenter, 1857)	Ramírez-González and Barrientos-Luján (2007)
Family Turbinidae Rafinesque 1815	
<i>Astraea (Uvanilla) olivacea</i> (Wood, 1828)	Holguín-Quiñones and González-Pedraza (1989)
<i>Astraea (Uvanilla) unguis</i> (Wood, 1828)	Holguín-Quiñones and González-Pedraza (1989)
Class Polyplacophora Gray, 1821	
Order Neoloricata Bergernhayn, 1955	

TABLE 10. CONTINUED.

Superfamily Lepidopleuroidea Pilsbry, 1892	
Family Acanthochitonidae Pilsbry, 1893	
<i>Acanthochitona angelica</i> Dall, 1919	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Acanthochitona arragonites</i> (Carpenter, 1857)	Reyes-Gómez <i>et al.</i> (2010)
<i>Acanthochitona avicula</i> (Carpenter, 1864)	Holguín-Quiñones and González-Pedraza (1989)
<i>Acanthochitona hirundiniformis</i> (Carpenter, 1864)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Acanthochitona rodhea</i> (Pilsbry, 1893)	Rodríguez-Palacios <i>et al.</i> (1988)
Family Callistoplacidae Pilsbry, 1893	
<i>Callistoplax retusa</i> (Sowerby <i>in</i> : Broderip and Sowerby, 1832)	Reyes-Gómez <i>et al.</i> (2010)
Family Chitonidae Rafinesque, 1815	
<i>Chiton (Chiton) albolineatus</i> Broderip and Sowerby, 1829	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Chiton (Chiton) articulatus</i> Sowerby <i>in</i> : Broderip and Sowerby, 1832	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Toncia forbesii forbesii</i> Carpenter, 1857	Rodríguez-Palacios <i>et al.</i> (1988)
Family Ischnochitonidae Dall 1889	
<i>Callistochiton colimensis</i> (A.G. Smith, 1961)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Callistochiton gabbi</i> Pilsbry, 1893	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Chaetopleura (Pallochiton) lanuginosa mixta</i> (Dall, 1919)	Zamorano <i>et al.</i> (2008)
<i>Chaetopleura (Chaetopleura) hanselmani</i> (Ferreira, 1982)	Reyes-Gómez <i>et al.</i> (2010)
<i>Chaetopleura (Chaetopleura) lurida</i> (Sowerby <i>in</i> : Broderip and Sowerby, 1832)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Ischnochiton (Ischnochiton) tenuisculptus</i> (Carpenter, 1864)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Lepidochitona (Dendrochiton) lirulata</i> (Berry, 1963)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Lepidochitona (Lepidochitona) beanii</i> (Carpenter, 1857)	Rodríguez-Palacios <i>et al.</i> (1988)
<i>Lepidochitona (Lepidochitona) salvadorensis</i> García Ríos, 2006	Reyes-Gómez <i>et al.</i> (2010)
<i>Lepidozona (Lepidozona) serrata</i> (Carpenter, 1864)	Reyes-Gómez <i>et al.</i> (2010)
<i>Stenoplax (Stenoplax) limaciformis</i> (Sowerby <i>in</i> : Broderip and Sowerby, 1832)	Reyes-Gómez <i>et al.</i> (2010)
<i>Stenoplax (Stenoplax) mariposa</i> (Bartsch MS, Dall, 1919)	Reyes-Gómez <i>et al.</i> (2010)
<i>Stenoplax (Stenoplax) rugulata</i> (Sowerby <i>In</i> : Broderip and Sowerby, 1832)	Rodríguez-Palacios <i>et al.</i> (1988)
Class Cephalopoda Cuvier, 1795	
Subclass Coleoidea Bather, 1888	
Order Octopoda Leach, 1818	
Superfamily Octopodoidea Orbigny, 1840	
Family Octopodidae Orbigny, 1840	
<i>Octopus chierchiae</i> Jatta, 1889	Sánchez (2003)
<i>Octopus hubbsorum</i> Berry, 1953	Sánchez (2003)
<i>Octopus rubescens</i> Berry, 1953	Sánchez (2003)
Order Myopsida Naef, 1916	
Family Loliginidae Lesuer, 1821	
<i>Lolliguncula diomedae</i> Hoyle, 1904	Sánchez (2003)
<i>Lolliguncula panamensis</i> Berry, 1911	Sánchez (2003)
Order Oegopsida d'Orbigny, 1845	
Family Omastrephidae Steenstrup, 1857	
<i>Dosidicus gigas</i> (d'Orbigny, 1835)	Sánchez (2003)

TABLE 11. Checklist of the bryozoans recorded in the marine areas of Oaxaca, Mexico.

Phylum Bryozoa Ehrenberg, 1831	Reference
Class Gymnolaemata Allman, 1856	
Order Cheilostomatida Busk, 1852	
Suborder Neocheilostomatina d'Hondt, 1985	
Infraorder Ascophora Levinsen, 1909	
Superfamily Schizoporelloidea Jullien, 1883	
Family Cryptosulidae Vigneaux, 1949	
<i>Cryptosula pallasiana</i> (Moll, 1803)	Osburn (1953)

TABLE 12. Checklist of the echinoderms recorded in the marine areas of Oaxaca, Mexico.

Phylum Echinodermata Bruguiera, 1789	Reference
Class Asterozoa Blainville, 1830	
Order Paxillosida Perrier, 1884	
Family Astropectinidae Gray, 1840	
<i>Astropecten armatus</i> Gray, 1840	Honey-Escandón <i>et al.</i> (2008)
Family Luidiidae Sladen, 1889	
<i>Luidia bellonae</i> Lütken, 1864	Honey-Escandón <i>et al.</i> (2008)
<i>Luidia columbia</i> (Gray, 1840)	Honey-Escandón <i>et al.</i> (2008)
<i>Luidia latiradiata</i> (Gray, 1871)	Solís-Marín <i>et al.</i> (1993)

TABLE 12. CONTINUED.

<i>Luidia superba</i> A.H. Clark, 1917	Honey-Escandón <i>et al.</i> (2008)
<i>Luidia tessellata</i> Lütken, 1859	Honey-Escandón <i>et al.</i> (2008)
Family Porcellanasteridae Sladen, 1889	
<i>Eremicaster crassus</i> (Sladen, 1883)	Benítez-Villalobos <i>et al.</i> (2008)
Order Forcipulatida Perrier, 1884	
Family Heliasteridae Viguier, 1878	
<i>Heliaster microbrachius</i> Xantus, 1860	Solís-Marín <i>et al.</i> (1993)
Order Valvatida Perrier, 1884	
Family Asteropseidae Hotchkiss and A.M. Clark, 1976	
<i>Asteropsis carinifera</i> (Lamarck, 1816)	Honey-Escandón <i>et al.</i> (2008)
Family Mithrodiidae Viguier, 1878	
<i>Mithrodia bradleyi</i> Verrill, 1867	Benítez-Villalobos <i>et al.</i> (2008)
Family Ophiasteridae Verrill, 1870	
<i>Leiaster teres</i> (Verrill, 1871)	Benítez-Villalobos <i>et al.</i> (2008)
<i>Pharia pyramidatus</i> (Gray, 1840)	Zamorano and Leyte-Morales (2005)
<i>Phataria unifascialis</i> (Gray, 1840)	Zamorano and Leyte-Morales (2005)
Family Oreasteridae Fisher, 1911	
<i>Nidorellia armata</i> (Gray, 1840)	Benítez-Villalobos <i>et al.</i> (2008)
<i>Pentaceraster cumingi</i> (Gray, 1840)	Benítez-Villalobos <i>et al.</i> (2008)
Class Ophiuroidea Gray, 1840	
Order Ophiurida Müller and Troschel, 1840	
Family Amphiuridae Ljungman, 1867	
<i>Ophiophragmus marginatus</i> (Lütken, 1859)	Honey-Escandón <i>et al.</i> (2008)
Family Ophiacanthidae Perrier, 1891	
<i>Ophiacantha paucispina</i> Lütken and Mortensen, 1899	Honey-Escandón <i>et al.</i> (2008)
Family Ophiactidae Matsumoto, 1915	
<i>Ophiactis savignyi</i> (Müller and Troschel, 1842)	Benítez-Villalobos (2001)
<i>Ophiactis simplex</i> (Le Conte, 1851)	Benítez-Villalobos (2001)
Family Ophiocomidae Ljungman, 1867	
<i>Ophiocoma aethiops</i> Lütken, 1859	Zamorano and Leyte-Morales (2005)
<i>Ophiocoma alexandri</i> Lyman, 1860	Zamorano and Leyte-Morales (2005)
Family Ophiodermatidae Ljungman, 1867	
<i>Diopederma daniana</i> (Verrill, 1867)	Honey-Escandón <i>et al.</i> (2008)
<i>Ophiocryptus granulatus</i> Nielsen, 1932	Benítez-Villalobos (2001)
<i>Ophioderma teres</i> (Lyman, 1860)	Honey-Escandón <i>et al.</i> (2008)
<i>Ophioderma variegata</i> Lütken, 1856	
<i>Ophioderma</i> sp.	Granja-Fernández and López-Pérez, 2011
Family Ophionereididae Ljungman, 1867	
<i>Ophionereis annulata</i> (Le Conte, 1851)	Zamorano and Leyte-Morales (2005)
Family Ophiotrichidae Ljungman, 1866	
<i>Ophiothela mirabilis</i> Verrill, 1867	Granja-Fernández and López-Pérez, 2011
<i>Ophiothrix rudis</i> Lyman, 1874	Benítez-Villalobos (2001)
<i>Ophiothrix spiculata</i> Le Conte, 1851	Zamorano and Leyte-Morales (2005)
Family Ophiuridae Lyman, 1865	
<i>Ophiolepis pacifica</i> Lütken, 1856	Granja-Fernández and López-Pérez, 2011
<i>Ophiolepis variegata</i> Lütken, 1856	Honey-Escandón <i>et al.</i> (2008)
<i>Ophiomusium glabrum</i> Lütken and Mortensen, 1899	Honey-Escandón <i>et al.</i> (2008)
Class Echinoidea Leske, 1778	
Order Cassiduloida L. Agassiz and Desor, 1847	
Family Cassidulidae L. Agassiz and Desor, 1846	
<i>Ryncholampas pacificus</i> (A. Agassiz, 1863)	Benítez-Villalobos <i>et al.</i> (2008)
Order Spatangoida Claus, 1876	
Family Brissidae Gray, 1825	
<i>Meoma ventricosa grandis</i> Gray, 1851	Caso (1983)
Family Loveniidae Lambert, 1905	
<i>Lovenia cordiformis</i> Agassiz, 1872	Caso (1983)
Family Schizasteridae Lambert, 1905	
<i>Agassizia scrobiculata</i> Valenciennes, 1846	Benítez-Villalobos <i>et al.</i> (2008)
Order Diadematoidea Duncan, 1889	
Family Diademataidae Gray, 1855	
<i>Astropyga pulvinata</i> (Lamarck, 1816)	Caso (1978)
<i>Diadema mexicanum</i> Agassiz, 1863	Benítez-Villalobos (2001)
Order Echinoidea Claus, 1876	

TABLE 12. CONTINUED.

Family Echinometridae Gray, 1825	
<i>Echinometra vanbrunti</i> Agassiz, 1863	Caso (1978)
Family Toxopneustidae Troschel, 1872	
<i>Tripneustes depressus</i> Agassiz, 1863	Benítez-Villalobos et al. (2008)
<i>Toxopneustes roseus</i> (A. Agassiz, 1863)	Zamorano and Leyte-Morales (2005)
Order Clypeasteroidea Agassiz, 1872	
Family Mellitidae Stefanini, 1911	
<i>Encope micropora</i> L. Agassiz, 1841	Caso (1980)
Order Cidaroida Claus, 1880	
Family Cidariidae Gray, 1825	
<i>Eucidaris thouarsii</i> (Valenciennes, 1846)	Caso (1978)
<i>Hesperocidaris asteriscus</i> Clark, 1948	Zamorano and Leyte-Morales (2005)
Class Holothuroidea Blainville, 1834	
Order Dendrochirotida Grube, 1840	
Family Cucumariidae Ludwig, 1894	
<i>Pseudocnus californicus</i> (Semper, 1868)	Deichmann (1941)
<i>Staurocucumis abyssorum</i> (Theél, 1886)	Deichmann (1941)
Family Psolidae Perrier, 1902	
<i>Lissothuria ornata</i> Verril, 1867	Deichmann (1941)
Family Phyllophoridae Östergren, 1907	
<i>Euthyodiniella zaca</i> (Deichmann 1938)	Deichmann (1938)
Family Sclerodactylidae Panning, 1949	
<i>Afrocucumis ovulum</i> (Selenka, 1867)	Deichmann (1941)
<i>Pentamera zaca</i> Deichmann, 1938	Deichmann (1938)
Order Aspidochirotida Grube, 1840	
Family Holothuriidae Ludwig, 1894	
<i>Holothuria (Stauropora) fuscocinerea</i> Jaeger, 1833	Zamorano and Leyte-Morales (2005)
<i>Holothuria (Selenkothuria) lubrica</i> Selenka, 1867	Deichmann (1958)
<i>Holothuria (Selenkothuria) portovallartensis</i> Caso, 1954	Deichmann (1958)
<i>Holothuria (Selenkothuria) theeli</i> Deichmann, 1938	Deichmann (1938)
<i>Holothuria (Semperothuria) imitans</i> Ludwig, 1875	Zamorano and Leyte-Morales (2005)
<i>Holothuria (Thymiosycia) arenicola</i> Semper, 1868	Zamorano and Leyte-Morales (2005)
<i>Holothuria (Thymiosycia) impatiens</i> (Forskaal, 1775)	Benítez-Villalobos (2001)
Family Stichopodidae Haeckel, 1896	
<i>Isostichopus fuscus</i> (Ludwig, 1875)	Honey-Escandón et al. (2008)

TABLE 13. Checklist of the fish recorded in the marine areas of Oaxaca, Mexico. A= amphidromous; C= catadromous.

Phylum Chordata Bateson, 1885	Reference
Class Chondrichthyes Goodrich, 1909	
Order Carcharhiniformes Compagno, 1973	
Family Carcharhinidae Jordan and Evermann, 18961	
<i>Carcharhinus albimarginatus</i> Rüppell, 1837	Compagno et al. (1995)
<i>Carcharhinus falciformis</i> (Müller and Henle, 1839)	Compagno et al. (1995)
<i>Carcharhinus galapagensis</i> (Snodgrass and Heller, 1905)	Compagno et al. (1995)
<i>Carcharhinus leucas</i> (Müller and Henle, 1839) A	Compagno et al. (1995)
<i>Carcharhinus limbatus</i> (Müller and Henle, 1839) A	Compagno et al. (1995)
<i>Carcharhinus longimanus</i> (Poey, 1861)	Compagno et al. (1995)
<i>Carcharhinus porosus</i> (Ranzani, 1839)	Compagno et al. (1995)
<i>Galeocerdo cuvieri</i> (Péron and Lesueur, 1822)	Compagno et al. (1995)
<i>Nasolamia velox</i> (Gilbert, 1898)	Compagno et al. (1995)
<i>Negaprion brevirostris</i> (Poey, 1868)	Compagno et al. (1995)
<i>Prionace glauca</i> (Linnaeus, 1758)	Compagno et al. (1995)
<i>Rhizoprionodon longurio</i> (Jordan and Gilbert, 1882)	Compagno et al. (1995)
Family Sphyrnidae Gill, 1872	
<i>Sphyrna corona</i> Springer, 1940	Compagno et al. (1995)
<i>Sphyrna lewini</i> (Griffith and Smith, 1834)	Tapia-García et al. (1995)
<i>Sphyrna media</i> Springer, 1940	Compagno et al. (1995)
<i>Sphyrna mokarran</i> (Rüppell, 1837)	Compagno et al. (1995)
<i>Sphyrna tiburo</i> (Linnaeus, 1758)	Compagno et al. (1995)
<i>Sphyrna zygaena</i> (Linnaeus, 1758)	Compagno et al. (1995)
Family Triakidae Gray, 1851	
<i>Mustelus dorsalis</i> Gill, 1864	Compagno et al. (1995)
<i>Mustelus lunulatus</i> Jordan and Gilbert, 1882	Tapia-García et al. (1995)



TABLE 13. CONTINUED.

Order Heterodontiformes Garman, 1885	
Family Heterodontidae Gray, 1851	
<i>Heterodontus francisci</i> (Girard, 1855)	Compagno <i>et al.</i> (1995)
<i>Heterodontus mexicanus</i> Taylor and Castro-Aguirre, 1972	Compagno <i>et al.</i> (1995)
Order Lamniformes Berg, 1940	
Family Alopiidae Bonaparte, 1938	
<i>Alopias pelagicus</i> Nakamura, 1935	Compagno <i>et al.</i> (1995)
<i>Alopias superciliosus</i> (Lowe, 1841)	Compagno <i>et al.</i> (1995)
Family Lamnidae (Müller and Henle, 1838)	
<i>Isurus oxyrinchus</i> Rafinesque, 1810	Compagno <i>et al.</i> (1995)
Order Orectolobiformes Compagno, 1973	
Family Ginglymostomatidae Gill, 1862	
<i>Ginglymostoma cirratum</i> (Bonnaterre, 1788)	Compagno <i>et al.</i> (1995)
Family Rhincodontidae Müller and Henle, 1839	
<i>Rhincodon typus</i> Smith, 1828	Compagno <i>et al.</i> (1995)
Order Pristiformes Buen, 1926	
Family Pristidae Bonaparte, 1838	
<i>Pristis microdon</i> Latham, 1794 A	Castro-Aguirre and Espinoza-Pérez (1996)
<i>Pristis pectinata</i> Latham, 1794 A	Castro-Aguirre and Espinoza-Pérez (1996)
<i>Pristis perotteti</i> Muller and Henle, 1841 A	Robertson and Allen (2008)
Order Rajiformes Berg, 1940	
Family Dasyatidae Jordan, 1888	
<i>Dasyatis brevis</i> (Garman, 1880)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Dasyatis dipterura</i> (Jordan and Gilbert, 1880)	Robertson and Allen (2008)
<i>Dasyatis longa</i> (Garman, 1880)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Himantura pacifica</i> (Beebe and Tee-Van, 1941)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Pteroplatytrygon violacea</i> (Bonaparte, 1832)	Castro-Aguirre and Espinoza-Pérez (1996)
Family Gymnuridae Fowler, 1934	
<i>Gymnura crebripunctata</i> (Peters, 1869)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Gymnura marmorata</i> (Cooper, 1864)	McEachran and Notarbartolo-di-Sciara (1995)
Family Myliobatidae Bonaparte, 1838	
<i>Aetobatus narinari</i> (Euphrasen, 1790)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Manta birostris</i> (Dondorff, 1798)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Mobula japonica</i> (Müller and Henle, 1841)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Mobula tarapacana</i> (Philippi, 1892)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Mobula thurstoni</i> (Lloyd, 1908)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Rhinoptera steindachneri</i> Evermann and Jenkins, 1891	McEachran and Notarbartolo-di-Sciara (1995)
Family Rajidae Blainville, 1816	
<i>Raja cortezensis</i> McEachran and Miyake, 1988	McEachran and Notarbartolo-di-Sciara (1995)
<i>Raja equatorialis</i> Jordan and Bollman, 1890	Tapia-García <i>et al.</i> (1995)
<i>Raja velezi</i> Chirichigno, 1973	McEachran and Notarbartolo-di-Sciara (1995)
Family Rhinobatidae Müller and Henle, 1837	
<i>Rhinobatos glaucostigma</i> Jordan and Gilbert, 1884	McEachran and Notarbartolo-di-Sciara (1995)
<i>Rhinobatos leucorhynchus</i> Günther, 1867	Tapia-García <i>et al.</i> (1995)
<i>Rhinobatos planiceps</i> Garman, 1880	
<i>Zapteryx exasperata</i> (Jordan and Gilbert, 1880)	Tapia-García <i>et al.</i> (1995)
<i>Zapteryx xyster</i> Jordan and Evermann, 1896	Robertson and Allen (2008)
Family Urolophidae Müller and Henle, 1841	
<i>Urobatis concentricus</i> Osburn and Nichols, 1916	McEachran and Notarbartolo-di-Sciara (1995)
<i>Urobatis halleri</i> (Cooper, 1863)	McEachran and Notarbartolo-di-Sciara (1995)
Family Urotrygonidae McEachran, Dunn and Miyake, 1996	
<i>Urotrygon aspidura</i> (Jordan and Gilbert, 1882)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Urotrygon chilensis</i> (Günther, 1871)	Tapia-García <i>et al.</i> (1995)
<i>Urotrygon munda</i> Gill, 1863	Castro-Aguirre and Espinoza-Pérez (1996)
<i>Urotrygon nana</i> Miyake and McEachran, 1988	Tapia-García <i>et al.</i> (1995)
<i>Urotrygon rogersi</i> (Jordan and Starks, 1895)	Tapia-García <i>et al.</i> (1995)
Order Torpediniformes Buen, 1926	
Family Narcinidae Gill, 1862	
<i>Diplobatis ommata</i> (Jordan and Gilbert, 1890)	McEachran and Notarbartolo-di-Sciara (1995)
<i>Narcine entemedor</i> Jordan and Starks, 1895	Tapia-García <i>et al.</i> (1995)
<i>Narcine vermiculatus</i> Breder, 1928	Tapia-García <i>et al.</i> (1995)
Class Actinopterygii Klein, 1885	
Order Albuliformes Greenwood, 1977	

TABLE 13. CONTINUED.

Family Albulidae Bleeker, 1859	
<i>Albula esuncula</i> (Garman, 1899)	Robertson and Allen (2008)
<i>Albula vulpes</i> (Linnaeus, 1758) A	Chávez (1979)
Order Anguilliformes Regan, 1909	
Family Chlopsidae Clausen, 1959	
<i>Chloopsis apterus</i> (Beebe and Tee-Van, 1938)	Robertson and Allen (2008)
<i>Chloopsis kazuko</i> Lavenberg, 1988	Robertson and Allen (2008)
Family Congridae Kaup, 1856	
<i>Arisoma gilberti</i> (Ogilby, 1898)	Allen et al. (1995)
<i>Bathycongrus macrurus</i> (Gilbert, 1891)	Allen et al. (1995)
<i>Bathycongrus varidens</i> (Garman, 1899)	Allen et al. (1995)
<i>Chilococonger dentatus</i> (Garman, 1899)	Robertson and Allen (2008)
<i>Chilococonger obtusus</i> (Garman, 1899)	
<i>Gnathophis cinctus</i> (Garman, 1899)	Allen et al. (1995)
<i>Gorgasia punctata</i> Meek and Hildebrand, 1923	Allen et al. (1995)
<i>Heteroconger pellegrini</i> Castle, 1999	
<i>Japonoconger proriger</i> (Gilbert, 1891)	
<i>Paraconger californiensis</i> Kanazawa, 1961	Allen et al. (1995)
<i>Paraconger similis</i> (Wade, 1946)	
<i>Rhynchoconger nitens</i> (Jordan and Bollman, 1890)	Allen et al. (1995)
<i>Xenomystax atrarius</i> Gilbert, 1891	Allen et al. (1995)
Family Moringuidae Clausen, 1959	
<i>Neoconger vermiformis</i> Gilbert, 1890	Robertson and Allen (2008)
Family Muraenidae Günther, 1870	
<i>Echidna nebulosa</i> (Ahl, 1789)	Allen et al. (1995)
<i>Echidna nocturna</i> (Cope, 1872)	Allen et al. (1995)
<i>Gymnomuraena zebra</i> (Shaw, 1797)	Robertson and Allen (2008)
<i>Gymnothorax castaneus</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Gymnothorax equatorialis</i> (Hildebrand, 1946)	Allen et al. (1995)
<i>Gymnothorax eurygnathos</i> Bohlke, 2001	Robertson and Allen (2008)
<i>Gymnothorax phalarus</i> Bussing, 1998	Robertson and Allen (2008)
<i>Gymnothorax panamensis</i> (Steindachner, 1876)	Tapia-García et al. (1995)
<i>Muraena argus</i> (Steindachner, 1870)	Allen et al. (1995)
<i>Muraena clepsydra</i> Gilbert, 1898	Allen et al. (1995)
<i>Muraena lentiginosa</i> Jenyns, 1842	Allen et al. (1995)
<i>Uropterygius macrocephalus</i> (Bleeker, 1865)	Allen et al. (1995)
Family Muraenesocidae Cope, 1872	
<i>Cynoponticus coniceps</i> (Jordan and Gilbert, 1881)	Allen et al. (1995)
Family Ophichthidae Jordan and Evermann, 1896	
<i>Apterichthys equatorialis</i> (Myers and Wade, 1941)	Allen et al. (1995)
<i>Bascanichthys bascanoides</i> Osborn and Nichols, 1916	Allen et al. (1995)
<i>Bascanichthys panamensis</i> Meek and Hildebrand, 1923	Allen et al. (1995)
<i>Callechelys cliffi</i> Böhlke and Briggs, 1954	Allen et al. (1995)
<i>Callechelys eristigma</i> McCosker and Rosenblatt, 1972	Allen et al. (1995)
<i>Echiophis brunneus</i> (Castro-Aguirre and Suárez de los Cobos, 1983)	Allen et al. (1995)
<i>Herpetoichthys fossatus</i> (Myers and Wade, 1941)	Allen et al. (1995)
<i>Ichthyapus selachops</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Letharchus rosenblatti</i> McCosker, 1974	Allen et al. (1995)
<i>Myrichthys aspetocheiros</i> McCosker and Rosenblatt, 1993	Allen et al. (1995)
<i>Myrichthys tigrinus</i> Girard, 1859	Allen et al. (1995)
<i>Myrophis vafer</i> Jordan and Gilbert, 1881	Allen et al. (1995)
<i>Ophichthus apachus</i> McCosker and Rosenblatt, 1998	Robertson and Allen (2008)
<i>Ophichthus frontalis</i> Garman, 1899	Allen et al. (1995)
<i>Ophichthus longipenis</i> McCosker and Rosenblatt, 1998	Robertson and Allen (2008)
<i>Ophichthus mecopterus</i> McCosker and Rosenblatt, 1998	Robertson and Allen (2008)
<i>Ophichthus triserialis</i> (Kaup, 1856)	Tapia-García et al. (1995)
<i>Ophichthus zophochir</i> Jordan and Gilbert, 1882	Tapia-García et al. (1995)
<i>Paraetharchus pacificus</i> (Osborn and Nichols, 1916)	Allen et al. (1995)
<i>Phaenomonas pinnata</i> Myers and Wade, 1941	Allen et al. (1995)
<i>Quassiremus nothochir</i> (Gilbert, 1890)	Allen et al. (1995)
<i>Scytalichthys miurus</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
Order Atheriniformes Goüan, 1770	
Family Atherinopsidae Fowler, 1903	

TABLE 13. CONTINUED.

<i>Atherinella eriarcha</i> (Jordan and Gilbert, 1881)	Allen et al. (1995)
<i>Atherinella guatemalensis</i> (Günther, 1864) <b>A</b>	Allen et al. (1995)
<i>Atherinellanepenthe</i> (Myers and Wade, 1942)	Allen et al. (1995)
<i>Atherinella nesioties</i> Myers and Wade, 1942	Allen et al. (1995)
Order Aulopiformes Rosen, 1973	
Family Synodontidae Gill, 1872	
<i>Synodus evermanni</i> Jordan and Bollman, 1889	Tapia-García et al. (1995)
<i>Synodus lacertinus</i> Gilbert, 1890	Allen et al. (1995)
<i>Synodus scituliceps</i> Jordan and Gilbert, 1881	Tapia-García et al. (1995)
<i>Synodus sechurae</i> Hildebrand, 1946	Allen et al. (1995)
Order Batrachoidiformes Goodrich, 1909	
Family Batrachoididae Jordan and Everman, 1898	
<i>Batrachoides boulengeri</i> (Gilbert and Starks, 1904)	Chávez (1979)
<i>Batrachoides walkeri</i> Collette and Russo, 1981 <b>A</b>	Allen et al. (1995)
<i>Porichthys ephippiatus</i> Walker and Rosenblatt, 1988	Allen et al. (1995)
<i>Porichthys greenei</i> Gilbert and Starks, 1904	Allen et al. (1995)
<i>Porichthys margaritatus</i> (Richardson, 1844)	Tapia-García et al. (1995)
Order Beloniformes Berg, 1940	
Family Belonidae Gill, 1832	
<i>Ablennes hians</i> (Valenciennes, 1846)	Allen et al. (1995)
<i>Platybelone argalus</i> (Lesueur, 1821)	Allen et al. (1995)
<i>Strongylura exilis</i> (Girard, 1854) <b>A</b>	Allen et al. (1995)
<i>Tylosurus acus pacificus</i> (Steindachner, 1876)	Allen et al. (1995)
<i>Tylosurus crocodiles fodiator</i> Jordan and Gilbert, 1882	Allen et al. (1995)
Family Exocoetidae Risso, 1827	
<i>Cheilopogon xenopterus</i> (Gilbert, 1890)	Allen et al. (1995)
<i>Cypselurus callopterus</i> (Günther, 1866)	Allen et al. (1995)
<i>Exocoetus monocirrhus</i> Richardson, 1846	Allen et al. (1995)
<i>Exocoetus volitans</i> Linnaeus, 1758	Allen et al. (1995)
<i>Fodiator rostratus</i> (Günther, 1866)	Allen et al. (1995)
<i>Hirundichthys marginatus</i> (Nichols and Breder, 1928)	Allen et al. (1995)
<i>Hirundichthys speculiger</i> Valenciennes, 1846	Allen et al. (1995)
<i>Prognichthys tringa</i> Breder, 1928	Allen et al. (1995)
Family Hemirhamphidae Gill, 1859	
<i>Euleptorhamphus viridis</i> (Van Hasselt, 1823)	Allen et al. (1995)
<i>Hemiramphus saltator</i> Gilbert and Starks, 1904	Allen et al. (1995)
<i>Hyporhamphus gilli</i> Meek and Hildebrand, 1923	Allen et al. (1995)
<i>Hyporhamphus naos</i> Banford and Collette, 2001	Robertson and Allen (2008)
<i>Hyporhamphus rosae</i> (Jordan and Gilbert, 1880) <b>A</b>	Allen et al. (1995)
<i>Hyporhamphus snyderi</i> Meek and Hildebrand, 1923	Allen et al. (1995)
<i>Hyporhamphus unifasciatus</i> (Ranzani, 1842)	Allen et al. (1995)
<i>Oxyporhamphus micropterus micropterus</i> (Valenciennes, 1847)	Allen et al. (1995)
Order Beryciformes Regan, 1909	
Family Holocentridae Richardson, 1846	
<i>Myripristis leiognathus</i> Valenciennes, 1846	Allen et al. (1995)
<i>Sargocentron suborbitalis</i> (Gill, 1863)	Allen et al. (1995)
Order Clupeiformes Bleeker, 1959	
Family Engraulidae Ridewood, 1905	
<i>Anchoa analis</i> (Miller, 1945)	Allen et al. (1995)
<i>Anchoa argentivittata</i> (Regan, 1904)	Allen et al. (1995)
<i>Anchoa curta</i> (Jordan and Gilbert, 1882) <b>A</b>	Chávez (1979)
<i>Anchoa exigua</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Anchoa ischana</i> (Jordan and Gilbert, 1882)	Chávez (1979)
<i>Anchoa lucida</i> (Jordan and Gilbert, 1882)	Chávez (1979)
<i>Anchoa mundeola</i> (Gilbert and Pierson, 1898)	Allen et al. (1995)
<i>Anchoa nasus</i> (Kner and Steindachner, 1867)	Tapia-García et al. (1995)
<i>Anchoa scofieldi</i> (Jordan and Culver, 1895)	Chávez (1979)
<i>Anchoa walkeri</i> Baldwin and Chang, 1970 <b>A</b>	Tapia-García et al. (1995)
<i>Anchovia macrolepidota</i> (Kner and Steindachner, 1864)	Chávez (1979)
<i>Cetengraulis mysticetus</i> (Günther, 1867)	Tapia-García et al. (1995)
Family Clupeidae Cuvier, 1817	
<i>Etrumeus teres</i> (DeKay, 1842)	Castro-Aguirre et al. (1999)
<i>Harengula thrissina</i> (Jordan and Gilbert, 1882)	Tapia-García et al. (1995)

TABLE 13. CONTINUED.

<i>Lile gracilis</i> Castro-Aguirre and Vivero, 1990	Allen <i>et al.</i> (1995)
<i>Lile nigrofasciata</i> Castro-Aguirre, Ruiz-Campos and Balart, 2002	Robertson and Allen (2008)
<i>Lile stolifera</i> (Jordan and Gilbert, 1882)	Chávez (1979)
<i>Neopisthopterus tropicus</i> (Hildebrand, 1946)	Robertson and Allen (2008)
<i>Opisthonema bulleri</i> (Regan, 1904)	Chávez (1979)
<i>Opisthonema libertate</i> (Günther, 1866)	Tapia-García <i>et al.</i> (1995)
<i>Opisthonema medirastre</i> Berry and Barrett, 1963	Tapia-García <i>et al.</i> (1995)
<i>Opisthopterus dovii</i> (Günther, 1868)	Tapia-García <i>et al.</i> (1995)
<i>Pliosteostoma lutipinnis</i> (Jordan and Gilbert, 1881)	Tapia-García <i>et al.</i> (1995)
<i>Sardinops caeruleus</i> (Girard, 1854)	Allen <i>et al.</i> (1995)
<i>Sardinops sagax</i> (Jenyns, 1842)	
Family Pristigasteridae Myers, 1960	
<i>Ilisha fuerthii</i> (Steindachner, 1875)	Castro-Aguirre <i>et al.</i> (1999)
Order Cyprinodontiformes Berg, 1940	
Family Anablepidae Garman, 1895	
<i>Anableps dowei</i> Gill, 1861 A	Tapia-García <i>et al.</i> 1995
Family Poeciliidae Swainson, 1839	
<i>Poecilia sphenops</i> Valenciennes, 1846 A	Chávez (1979)
<i>Poeciliopsis fasciata</i> (Meek, 1904) A	Chávez (1979)
<i>Poeciliopsis turrubarensis</i> (Meek, 1912) A	Castro-Aguirre (1982)
Order Elopiformes Greenwood, Rosen, Weitzman and Myers, 1966	
Family Elopidae Whitehead, 1962	
<i>Elops affinis</i> Regan, 1909	Allen <i>et al.</i> (1995)
Order Gadiformes Goodrich, 1909	Castro-Aguirre and Espinoza-Pérez (1996)
Family Bregmacerotidae Gill, 1872	
<i>Bregmaceros bathymaster</i> Jordan and Bollman, 1890	Robertson and Allen (2008)
Family Moridae Moreau, 1881	
<i>Laemonema verecundum</i> (Jordan and Cramer 1897)	Allen <i>et al.</i> (1995)
<i>Physiculus nematopus</i> Gilbert, 1890	Allen <i>et al.</i> (1995)
<i>Physiculus talarae</i> Hildebrand and Barton, 1949	Allen <i>et al.</i> (1995)
Family Merlucciidae Adams, 1864	
<i>Merluccius angustimanus</i> Garman, 1899	Allen <i>et al.</i> (1995)
Order Gonorynchiformes Berg, 1940	
Family Chanidae Jordan, 1887	
<i>Chanos chanos</i> (Forsskål, 1775) A	Chávez (1979)
Order Lampriformes (Berg, 1940)	
Family Regalecidae Clausen, 1959	
<i>Regalecus glesne</i> Ascanius, 1772	Allen <i>et al.</i> (1995)
Order Lophiiformes Garman, 1899	
Family Antennariidae Gill, 1863	
<i>Antennarius avalonis</i> Jordan and Starks, 1907	Allen <i>et al.</i> (1995)
<i>Antennarius sanguineus</i> Gill, 1863	Allen <i>et al.</i> (1995)
<i>Antennarius strigatus</i> Gill, 1863	Allen <i>et al.</i> (1995)
Family Lophiidae Moreau, 1881	
<i>Lophiodes caulinaris</i> (Garman, 1899)	Tapia-García <i>et al.</i> (1995)
<i>Lophiodes spilurus</i> (Garman, 1899)	Allen <i>et al.</i> (1995)
Family Ogcocephalidae Jordan, 1895	
<i>Zalieutes elater</i> (Jordan and Gilbert, 1882)	Tapia-García <i>et al.</i> (1995)
Order Ophidiiformes Berg, 1937	
Family Carapidae Jordan and Fowler, 1902	
<i>Echiodon exsilium</i> Rosenblatt, 1961	Robertson and Allen (2008)
<i>Encheliophis dubius</i> (Putnam, 1874)	Castro-Aguirre <i>et al.</i> 1999
<i>Encheliophis vermicularis</i> Müller, 1842	Robertson and Allen (2008)
Family Ophidiidae Rafinesque 1810	
<i>Brotula clarkae</i> Hubbs, 1944	Tapia-García <i>et al.</i> (1995)
<i>Cherublemma emmelas</i> (Gilbert, 1890)	Allen <i>et al.</i> (1995)
<i>Lepophidium pardale</i> (Gilbert, 1890)	Tapia-García <i>et al.</i> (1995)
<i>Lepophidium prorates</i> (Jordan and Bollman, 1890)	Allen <i>et al.</i> (1995)
<i>Neobythites stelliferoides</i> Gilbert, 1890	Robertson and Allen (2008)
<i>Ophidion imitator</i> Lea, 1997	Robertson and Allen (2008)
<i>Ophidion galeoides</i> Gilbert, 1890	Allen <i>et al.</i> (1995)
<i>Otophidium indefatigable</i> Jordan and Bollman, 1889	Allen <i>et al.</i> (1995)
Order Perciformes Bleeker, 1859	

TABLE 13. CONTINUED.

Family Acanthuridae Bleeker, 1859	
<i>Acanthurus nigricans</i> (Linnaeus, 1758)	Allen <i>et al.</i> (1995)
<i>Acanthurus triostegus</i> (Linnaeus, 1758)	Allen <i>et al.</i> (1995)
<i>Acanthurus xanthopterus</i> Valenciennes, 1835	Allen <i>et al.</i> (1995)
<i>Prionurus laticlavus</i> (Valenciennes, 1846)	Allen <i>et al.</i> (1995)
<i>Prionurus punctatus</i> Gill, 1862	Allen <i>et al.</i> (1995)
Family Ammodytidae Lee, 1989	
<i>Ammodytoides gilli</i> (Bean, 1895)	Robertson and Allen (2008)
Family Apogonidae Jordan and Gilbert, 1882	
<i>Apogon pacificus</i> (Herre, 1935)	Robertson and Allen (2008)
<i>Apogon retrosella</i> (Gill, 1862)	Robertson and Allen (2008)
Family Blenniidae Rafinesque 1810	
<i>Ophioblennius steindachneri</i> Jordan and Evermann, 1898	Robertson and Allen (2008)
<i>Plagiotremus azaleus</i> (Jordan and Bollman, 1890)	Robertson and Allen (2008)
Family Chaenopsidae Bleeker, 1859	
<i>Chaenopsis coheni</i> Böhlke, 1957	Allen <i>et al.</i> (1995)
Family Callionymidae Bleeker, 1859	
<i>Synchiropus atrilabiatus</i> (Garman, 1899)	Robertson and Allen (2008)
Family Carangidae Rafinesque, 1815	
<i>Alectis ciliaris</i> (Bloch, 1788)	Tapia-García <i>et al.</i> (1995)
<i>Caranx caballus</i> Günther, 1868	Tapia-García <i>et al.</i> (1995)
<i>Caranx caninus</i> Günther, 1867	Allen <i>et al.</i> (1995)
<i>Caranx lugubris</i> Poey, 1860	Allen <i>et al.</i> (1995)
<i>Caranx melampygus</i> Cuvier, 1833	Allen <i>et al.</i> (1995)
<i>Caranx otrynter</i> Jordan and Gilbert, 1883	Tapia-García <i>et al.</i> (1995)
<i>Caranx sexfasciatus</i> Quoy and Gaimard, 1824	Allen <i>et al.</i> (1995)
<i>Caranx speciosus</i> Forsskål, 1775	Allen <i>et al.</i> (1995)
<i>Caranx vinctus</i> (Jordan and Gilbert, 1882)	Chávez (1979)
<i>Chloroscombrus orqueta</i> Jordan and Gilbert, 1882	Tapia-García <i>et al.</i> (1995)
<i>Decapterus macrosoma</i> Bleeker, 1851	Allen <i>et al.</i> (1995)
<i>Decapterus muroadsi</i> (Temminck and Schlegel, 1844)	Allen <i>et al.</i> (1995)
<i>Elegatis bipinnulata</i> (Quoy and Gaimard, 1825)	Allen <i>et al.</i> (1995)
<i>Hemicaranx leucurus</i> (Günther, 1864)	Chávez (1979)
<i>Hemicaranx zelotes</i> Gilbert, 1898	Tapia-García <i>et al.</i> (1995)
<i>Naucrates ductor</i> (Linnaeus, 1758)	Allen <i>et al.</i> (1995)
<i>Oligoplites altus</i> (Günther, 1868)	Chávez (1979)
<i>Oligoplites refulgens</i> Gilbert and Starks, 1904	Allen <i>et al.</i> (1995)
<i>Oligoplites saurus</i> (Bloch and Schneider, 1801)	Chávez (1979)
<i>Selar crumenophthalmus</i> (Bloch, 1793)	Tapia-García <i>et al.</i> (1995)
<i>Selene brevoortii</i> (Gill, 1863)	Tapia-García <i>et al.</i> (1995)
<i>Selene orstedii</i> Lütken, 1880	Tapia-García <i>et al.</i> (1995)
<i>Selene peruviana</i> (Guichenot, 1866)	Tapia-García <i>et al.</i> (1995)
<i>Seriola peruana</i> Steindachner, 1876	Allen <i>et al.</i> (1995)
<i>Seriola rivoliana</i> Valenciennes, 1833	Allen <i>et al.</i> (1995)
<i>Trachinotus kennedyi</i> Steindachner, 1875	Allen <i>et al.</i> (1995)
<i>Trachinotus paitensis</i> Cuvier, 1832	Allen <i>et al.</i> (1995)
<i>Trachinotus rhodopus</i> Gill, 1863	Allen <i>et al.</i> (1995)
Family Centropomidae Poey, 1868	
<i>Centropomus armatus</i> Gill, 1863	Chávez (1979)
<i>Centropomus medius</i> Günther, 1864	Allen <i>et al.</i> (1995)
<i>Centropomus nigrescens</i> Günther, 1864 <b>A</b>	Allen <i>et al.</i> (1995)
<i>Centropomus robalito</i> Jordan and Gilbert, 1882	Chávez (1979)
<i>Centropomus viridis</i> Lockington, 1877	Allen <i>et al.</i> (1995)
Family Chaetodontidae Bonaparte, 1832	
<i>Chaetodon humeralis</i> Günther, 1860	Tapia-García <i>et al.</i> (1995)
<i>Johnrandallia nigrirostris</i> (Gill, 1862)	Allen <i>et al.</i> (1995)
Family Cirrhitidae Rafinesque, 1810	
<i>Cirrhitus oxycephalus</i> (Bleeker, 1855)	Allen <i>et al.</i> (1995)
<i>Cirrhitus rivulatus</i> Valenciennes, 1846	Allen <i>et al.</i> (1995)
<i>Oxycirrhites typus</i> Bleeker, 1857	Allen <i>et al.</i> (1995)
Family Coryphaenidae Rafinesque, 1810	
<i>Coryphaena equiselis</i> Linnaeus, 1758	Allen <i>et al.</i> (1995)
<i>Coryphaena hippurus</i> Linnaeus, 1758	Allen <i>et al.</i> (1995)

TABLE 13. CONTINUED.

Family Dactyloscopidae Bleeker, 1859	
<i>Dactylagnus mundus</i> Gill, 1863	Robertson and Allen (2008)
<i>Dactyloscopus amnis</i> Miller and Briggs, 1962	Robertson and Allen (2008)
<i>Dactyloscopus byersi</i> Dawson, 1969	Robertson and Allen (2008)
<i>Dactyloscopus fimbriatus</i> (Reid, 1935)	Robertson and Allen (2008)
<i>Dactyloscopus lunaticus</i> Gilbert, 1890	Robertson and Allen (2008)
<i>Dactyloscopus minutus</i> Dawson, 1975	Robertson and Allen (2008)
<i>Dactyloscopus pectoralis</i> Gill, 1861	Robertson and Allen (2008)
<i>Gillellus searcheri</i> Dawson, 1977	Robertson and Allen (2008)
<i>Gillellus semicinctus</i> Gilbert, 1890	Robertson and Allen (2008)
<i>Heteristius cinctus</i> (Osburn and Nichols, 1916)	Robertson and Allen (2008)
Family Echeineidae Gill, 1972	
<i>Echeneis naucrates</i> Linnaeus, 1758	Allen et al. (1995)
<i>Phtheirichthys lineatus</i> (Menzies, 1791)	Allen et al. (1995)
<i>Remora australis</i> Bennett, 1840	Allen et al. (1995)
<i>Remora brachyptera</i> (Lowe, 1839)	Allen et al. (1995)
<i>Remora osteochir</i> Cuvier, 1829	Allen et al. (1995)
<i>Remora remora</i> (Linnaeus, 1758)	Allen et al. (1995)
<i>Remorina albescens</i> (Temminck and Schlegel, 1850)	Allen et al. (1995)
Family Eleotridae Bleeker, 1859	
<i>Dormitator latifrons</i> (Richardson, 1845) A	Allen et al. (1995)
<i>Eleotris picta</i> Kner, 1863 A	Allen et al. (1995)
<i>Erotelis armiger</i> (Jordan and Richardson In: Jordan, 1895)	Allen et al. (1995)
<i>Gobiomorus maculatus</i> (Günther, 1859) A	Tapia-García et al. (1998)
<i>Gobiomorus polylepis</i> Ginsburg, 1953 A	Allen et al. (1995)
Family Ehippidae Parenti, 1981	
<i>Chaetodipterus zonatus</i> (Girard, 1858)	Tapia-García et al. (1995)
<i>Parapsettus panamensis</i> (Steindachner, 1876)	Allen et al. (1995)
Family Gempylidae Lee, 1989	
<i>Gempylus serpens</i> Cuvier, 1829	Allen et al. (1995)
<i>Lepidocybium flavobrunneum</i> (Smith 1843)	Allen et al. (1995)
<i>Nealotus tripes</i> Johnson, 1865	Allen et al. (1995)
Family Gerreidae Gill, 1972	
<i>Diapterus aureolus</i> (Jordan and Gilbert, 1882)	Tapia-García et al. (1995)
<i>Diapterus peruvianus</i> (Cuvier, 1830)	Castro-Aguirre (1982)
<i>Eucinostomus argenteus</i> Baird and Girard, 1855 A	Allen et al. (1995)
<i>Eucinostomus currani</i> Zahuranec, 1980 A	Tapia-García et al. (1995)
<i>Eucinostomus dowii</i> (Gill, 1863)	Tapia-García et al. (1995)
<i>Eucinostomus entomelas</i> Zahuranec, 1980	Chávez (1979)
<i>Eucinostomus gracilis</i> (Gill, 1862) A	Tapia-García et al. (1995)
<i>Eugerres axillaris</i> (Günther, 1864)	Allen et al. (1995)
<i>Eugerres brevimanus</i> (Günther, 1864)	Allen et al. (1995)
<i>Eugerres lineatus</i> (Humboldt and Valenciennes, 1821)	Allen et al. (1995)
<i>Gerres cineris</i> (Walbaum, 1792) A	Chávez (1979)
Family Gobiidae Fleming, 1822	
<i>Aboma etheostoma</i> Jordan and Starks, 1895	Robertson and Allen (2008)
<i>Awaous trasandeanus</i> (Günther, 1861) A	Allen et al. (1995)
<i>Bathygobius ramosus</i> Ginsburg, 1947	Allen et al. (1995)
<i>Bollmannia ocellata</i> Gilbert, 1892	Allen et al. (1995)
<i>Bollmannia stigmatura</i> Gilbert, 1892	Allen et al. (1995)
<i>Ctenogobius manglicola</i> (Jordan and Starks In: Jordan, 1895)	Allen et al. (1995)
<i>Ctenogobius sagittula</i> (Günther, 1862)	Allen et al. (1995)
<i>Elacatinus punctulatus</i> (Ginsburg, 1938)	Allen et al. (1995)
<i>Enypnias seminudus</i> (Günther, 1861)	Allen et al. (1995)
<i>Evermannia zosterura</i> (Jordan and Gilbert, 1882)	Chávez (1979)
<i>Evorthodus minutus</i> Meek and Hildebrand, 1928	Allen et al. (1995)
<i>Gobionellus microdon</i> (Gilbert, 1892) A	Chávez (1979)
<i>Gobiosoma nudum</i> (Meek and Hildebrand, 1928)	Allen et al. (1995)
<i>Gobiosoma paradoxum</i> (Günther, 1861)	Allen et al. (1995)
<i>Microgobius brevispinis</i> Ginsburg, 1939	Allen et al. (1995)
<i>Microgobius cyclolepis</i> Gilbert, 1890	Allen et al. (1995)
<i>Microgobius emblematicus</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Microgobius erectus</i> Ginsburg, 1938	Allen et al. (1995)

TABLE 13. CONTINUED.

<i>Microgobius miraflorensis</i> Gilbert and Starks, 1904	Chávez (1979)
<i>Microgobius tabogensis</i> Meek and Hildebrand, 1928	Allen et al. (1995)
<i>Parrella maxillaris</i> Ginsburg, 1938	Allen et al. (1995)
Family Haemulidae Richardson, 1848	
<i>Anisotremus caesius</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Anisotremus dovii</i> (Günther, 1864)	Chávez (1979)
<i>Anisotremus interruptus</i> (Gill, 1862)	Allen et al. (1995)
<i>Anisotremus pacifici</i> (Günther, 1864)	Allen et al. (1995)
<i>Anisotremus taeniatus</i> Gill, 1861	Allen et al. (1995)
<i>Conodon serrifer</i> Jordan and Gilbert, 1882	Allen et al. (1995)
<i>Haemulon flaviguttatum</i> Gill, 1862	Allen et al. (1995)
<i>Haemulon maculicauda</i> (Gill, 1862)	Allen et al. (1995)
<i>Haemulon scudderii</i> Gill, 1862	Allen et al. (1995)
<i>Haemulon sexfasciatum</i> Gill, 1862	Allen et al. (1995)
<i>Haemulon steindachneri</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Haemulopsis axillaris</i> (Steindachner, 1869)	Tapia-García et al. (1995)
<i>Haemulopsis elongatus</i> (Jordan and Gilbert, 1879)	Tapia-García et al. (1995)
<i>Haemulopsis leuciscus</i> (Günther, 1864)	Tapia-García et al. (1995)
<i>Haemulopsis nitidus</i> (Steindachner, 1869)	Tapia-García et al. (1995)
<i>Microlepidotus brevipinnis</i> (Steindachner, 1869)	Allen et al. (1995)
<i>Orthopristis cantharinus</i> (Jenyns, 1840)	Allen et al. (1995)
<i>Orthopristis chalceus</i> (Günther, 1864)	Tapia-García et al. (1995)
<i>Pomadasys bayanus</i> (Jordan and Evermann, 1898) <b>A</b>	Allen et al. (1995)
<i>Pomadasys branickii</i> (Steindachner, 1879)	Allen et al. (1995)
<i>Pomadasys macracanthus</i> (Günther, 1864)	Chávez (1979)
<i>Pomadasys panamensis</i> (Steindachner, 1875)	Tapia-García et al. (1995)
<i>Xenichthys xanti</i> Gill, 1863	Tapia-García et al. (1995)
<i>Xenistius californiensis</i> (Steindachner, 1875)	Allen et al. (1995)
Family Istiophoridae Lee, 1989	
<i>Istiophorus platypterus</i> (Shaw, 1792)	Allen et al. (1995)
<i>Makaira indica</i> (Cuvier In: Cuvier and Valenciennes, 1832)	Allen et al. (1995)
<i>Makaira mazara</i> (Jordan and Snyder, 1901)	Allen et al. (1995)
<i>Tetrapturus angustirostris</i> Tanaka, 1915	Allen et al. (1995)
<i>Tetrapturus audax</i> (Philippi, 1887)	Allen et al. (1995)
Family Kuhliidae Gill, 1972	
<i>Kuhlia mugil</i> (Forster In: Bloch and Schneider, 1801)	Robertson and Allen (2008)
Family Kyphosidae Gill, 1972	
<i>Kyphosus analogus</i> (Gill, 1862)	Allen et al. (1995)
<i>Kyphosus elegans</i> (Peters, 1869)	Allen et al. (1995)
<i>Sectator ocyurus</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
Family Labridae Cuvier, 1816	
<i>Bodianus diplotaenia</i> (Gill, 1862)	Allen et al. (1995)
<i>Decodon melasma</i> Gomon, 1974	Allen et al. (1995)
<i>Halichoeres aestuaricola</i> Bussing, 1972	Allen et al. (1995)
<i>Halichoeres chierchiae</i> Di Caporiacco, 1947	Allen et al. (1995)
<i>Halichoeres dispilus</i> (Günther, 1864)	Allen et al. (1995)
<i>Halichoeres melanotis</i> (Gilbert, 1890)	Allen et al. (1995)
<i>Halichoeres nicholsi</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Halichoeres notospilus</i> (Günther, 1864)	Allen et al. (1995)
<i>Iniistius pavo</i> (Valenciennes in: Cuvier and Valenciennes, 1840)	Ramírez-Gutiérrez et al. (2007)
<i>Novaculichthys taeniourus</i> (Lacépède, 1801)	Allen et al. (1995)
<i>Thalassoma grammaticum</i> Gilbert, 1890	Allen et al. (1995)
<i>Thalassoma lucasanum</i> (Gill, 1862)	Allen et al. (1995)
Family Labrisomidae Bleeker, 1859	
<i>Paraclinus mexicanus</i> (Gilbert, 1904)	Robertson and Allen (2008)
Family Lobotidae Springer and Raasch, (1995)	
<i>Lobotes pacificus</i> Gilbert 1898	Allen et al. (1995)
<i>Lobotes surinamensis</i> (Bloch, 1790)	Chávez (1979)
Family Lutjanidae Springer and Raasch, (1995)	
<i>Hoplopagrus guentherii</i> Gill, 1862	Allen et al. (1995)
<i>Lutjanus aratus</i> (Günther, 1864)	Allen et al. (1995)
<i>Lutjanus argentiventris</i> (Peters, 1869)	Allen et al. (1995)
<i>Lutjanus colorado</i> Jordan and Gilbert, 1882	Tapia-García et al. (1995)

TABLE 13. CONTINUED.

<i>Lutjanus guttatus</i> (Steindachner, 1869)	Tapia-García <i>et al.</i> (1995)
<i>Lutjanus inermis</i> (Peters, 1869)	Allen <i>et al.</i> (1995)
<i>Lutjanus jordani</i> (Gilbert, 1897)	Allen <i>et al.</i> (1995)
<i>Lutjanus novemfasciatus</i> Gill, 1862	Allen <i>et al.</i> (1995)
<i>Lutjanus peru</i> (Nichols and Murphy, 1922)	Tapia-García <i>et al.</i> (1995)
<i>Lutjanus viridis</i> (Valenciennes, 1846)	Allen <i>et al.</i> (1995)
Family Luvaridae Parenti, 1981	
<i>Luvarus imperialis</i> Rafinesque, 1810	Allen <i>et al.</i> (1995)
Family Malacanthidae Springer and Raasch, (1995)	
<i>Caulolatilus affinis</i> Gill, 1865	Allen <i>et al.</i> (1995)
<i>Caulolatilus hubbsi</i> Dooley, 1978	Allen <i>et al.</i> (1995)
<i>Caulolatilus princeps</i> (Jenyns, 1840)	Allen <i>et al.</i> (1995)
Family Microdesmidae Bleeker, 1859	
<i>Microdesmus affinis</i> Meek and Hildebrand, 1928	Robertson and Allen (2008)
<i>Microdesmus dipus</i> Günther, 1864	Castro-Aguirre <i>et al.</i> (1999)
<i>Microdesmus dorsipunctatus</i> Dawson, 1968	Castro-Aguirre <i>et al.</i> (1999)
Family Mugilidae Bonaparte, 1831	
<i>Agonostomus monticola</i> (Bancroft, 1834) C	Allen <i>et al.</i> (1995)
<i>Chaenomugil proboscideus</i> (Günther, 1861)	Allen <i>et al.</i> (1995)
<i>Joturus pichardi</i> Poey, 1860 C	Allen <i>et al.</i> (1995)
<i>Mugil cephalus</i> Linnaeus, 1758 C	Chávez (1979)
<i>Mugil curema</i> Valenciennes, 1836 C	Chávez (1979)
<i>Mugil hospes</i> Jordan and Culver, 1895	Chávez (1979)
<i>Mugil setosus</i> Gilbert, 1892	Allen <i>et al.</i> (1995)
Family Mullidae Günther, 1859	
<i>Mulloidichthys dentatus</i> (Gill, 1862)	Tapia-García <i>et al.</i> (1995)
<i>Pseudupeneus grandisquamis</i> (Gill, 1863)	Tapia-García <i>et al.</i> (1995)
Family Nematistiidae Springer and Raasch, (1995)	
<i>Nemastiftus pectoralis</i> Gill, 1862	Castro-Aguirre <i>et al.</i> (1999)
Family Nomeidae Lee, 1989	
<i>Nomeus gronovii</i> (Gmelin, 1789)	Allen <i>et al.</i> (1995)
<i>Psenes sio</i> Haedrich, 1970	Allen <i>et al.</i> (1995)
Family Opistognathidae Springer and Raasch, (1995)	
<i>Lonchopisthus sinuscalifornicus</i> (Castro-Aguirre and Villavicencio-Garayzar, 1988)	
<i>Opistognathus punctatus</i> Peters, 1869	Robertson and Allen (2008)
<i>Opistognathus scops</i> (Jenkins and Evermann, 1889)	Robertson and Allen (2008)
Family Polynemidae Springer and Raasch, (1995)	
<i>Polydactylus approximans</i> (Lay and Bennett, 1839)	Chávez (1979)
<i>Polydactylus opercularis</i> (Gill, 1863)	Tapia-García <i>et al.</i> (1995)
Family Polyprionidae Springer and Raasch, (1995)	
<i>Stereolepis gigas</i> Ayres, 1859	Allen <i>et al.</i> (1995)
Family Pomacanthidae Fraser-Brunner, 1933	
<i>Holacanthus passer</i> Valenciennes, 1846	Allen <i>et al.</i> (1995)
<i>Pomacanthus zonipectus</i> (Gill, 1862)	Allen <i>et al.</i> (1995)
Family Pomacentridae (Cuvier, 1816)	
<i>Abudefduf concolor</i> (Gill, 1862)	Allen <i>et al.</i> (1995)
<i>Abudefduf declivifrons</i> (Gill, 1862)	Robertson and Allen (2008)
<i>Abudefduf troschelii</i> (Gill, 1862)	Allen <i>et al.</i> (1995)
<i>Chromis alta</i> Greenfield and Woods, 1980	Allen <i>et al.</i> (1995)
<i>Chromis atrilobata</i> Gill, 1862	Allen <i>et al.</i> (1995)
<i>Microspathodon bairdii</i> (Gill, 1862)	Allen <i>et al.</i> (1995)
<i>Microspathodon dorsalis</i> (Gill, 1862)	Allen <i>et al.</i> (1995)
<i>Stegastes acapulcoensis</i> (Fowler, 1944)	Allen <i>et al.</i> (1995)
<i>Stegastes flavilatus</i> (Gill, 1862)	Allen <i>et al.</i> (1995)
<i>Stegastes rectifraenum</i> (Gill, 1862)	Allen <i>et al.</i> (1995)
Family Priacanthidae Springer and Raasch, (1995)	
<i>Cookeolus japonicus</i> (Cuvier <i>In</i> : Cuvier and Valenciennes, 1829)	Allen <i>et al.</i> (1995)
<i>Heteropriacanthus cruentatus</i> (Lacepède, 1801)	Allen <i>et al.</i> (1995)
<i>Pristigenys serrula</i> (Gilbert, 1891)	Tapia-García <i>et al.</i> (1995)
Family Ptereleotridae Thacker, 2000	
<i>Ptereleotris carinata</i> Bussing, 2001	Robertson and Allen (2008)
Family Scaridae Rafinesque, 1810	
<i>Nicholsina denticulata</i> (Evermann and Radcliffe, 1917)	Allen <i>et al.</i> (1995)



TABLE 13. CONTINUED.

<i>Scarus compressus</i> (Osburn and Nichols, 1916)	Allen et al. (1995)
<i>Scarus ghobban</i> Forsskål, 1775	Allen et al. (1995)
<i>Scarus perrico</i> Jordan and Gilbert, 1882	Allen et al. (1995)
<i>Scarus rubroviolaceus</i> Bleeker, 1847	Allen et al. (1995)
Family Sciaenidae Regan, 1913	
<i>Bairdiella armata</i> Gill, 1863	Allen et al. (1995)
<i>Bairdiella ensifera</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Bairdiella icistia</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Corvula macrops</i> (Steindachner, 1876)	Allen et al. (1995)
<i>Cynoscion albus</i> (Günther, 1864)	Allen et al. (1995)
<i>Cynoscion nannus</i> Castro-Aguirre and Arvizu-Martínez, 1976	Allen et al. (1995)
<i>Cynoscion phoxocephalus</i> Jordan and Gilbert, 1882	Tapia-García et al. (1995)
<i>Cynoscion reticulatus</i> (Günther, 1864)	Tapia-García et al. (1995)
<i>Cynoscion squamipinnis</i> (Günther, 1867)	Allen et al. (1995)
<i>Cynoscion stolzmanni</i> (Steindachner, 1879)	Allen et al. (1995)
<i>Elattarchus archidium</i> (Jordan and Gilbert, 1882)	Tapia-García et al. (1995)
<i>Isopisthus remifer</i> Jordan and Gilbert, 1882	Tapia-García et al. (1995)
<i>Larimus acclivis</i> Jordan and Brisol, 1898	Tapia-García et al. (1995)
<i>Larimus argenteus</i> (Gill, 1863)	Tapia-García et al. (1995)
<i>Larimus effulgens</i> Gilbert, 1898	Tapia-García et al. (1995)
<i>Larimus pacificus</i> Jordan and Bollman, 1890	Tapia-García et al. (1995)
<i>Menticirrhus elongatus</i> (Günther, 1864)	Tapia-García et al. (1995)
<i>Menticirrhus nasus</i> (Günther, 1868)	Tapia-García et al. (1995)
<i>Menticirrhus paitensis</i> Hildebrand, 1946	Allen et al. (1995)
<i>Menticirrhus panamensis</i> (Steindachner, 1877)	Tapia-García et al. (1995)
<i>Menticirrhus undulatus</i> (Girard, 1854)	Allen et al. (1995)
<i>Micropogonias altipinnis</i> (Günther, 1864)	Tapia-García et al. (1995)
<i>Micropogonias ectenes</i> Jordan and Gilbert, 1882	Allen et al. (1995)
<i>Micropogonias megalops</i> (Gilbert, 1890)	Allen et al. (1995)
<i>Odontoscion xanthops</i> Gilbert, 1898	Allen et al. (1995)
<i>Ophioscion imiceps</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Ophioscion scierus</i> (Jordan and Gilbert, 1884)	Allen et al. (1995)
<i>Ophioscion strabo</i> Gilbert, 1897	Allen et al. (1995)
<i>Paralonchurus goodei</i> Gilbert In: Jordan and Evermann, 1898	Tapia-García et al. (1995)
<i>Paralonchurus rathbuni</i> (Jordan and Bollman, 1890)	Allen et al. (1995)
<i>Pareques fuscovittatus</i> (Kendall and Radcliffe, 1912)	Allen et al. (1995)
<i>Stellifer chrysoleuca</i> (Günther, 1867)	Allen et al. (1995)
<i>Stellifer ericymba</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
<i>Stellifer illecebrosus</i> Gilbert In: Jordan and Evermann, 1898	Tapia-García et al. (1995)
<i>Umbrina analis</i> Günther, 1868	Allen et al. (1995)
<i>Umbrina bussingi</i> López, 1980	Allen et al. (1995)
<i>Umbrina dorsalis</i> Gill, 1862	Allen et al. (1995)
<i>Umbrina xanti</i> Gill, 1862	Tapia-García et al. (1995)
Family Scombridae Rafinesque, 1815	
<i>Acanthocybium solandri</i> (Cuvier, 1832)	Allen et al. (1995)
<i>Auxis rochei eudorax</i> Collette and Aadland, 1996	Allen et al. (1995)
<i>Auxis thazard brachydorax</i> Collette and Aadland, 1996	Allen et al. (1995)
<i>Euthynnus lineatus</i> Kishinouye, 1920	Allen et al. (1995)
<i>Katsuwonus pelamis</i> (Linnaeus, 1758)	Allen et al. (1995)
<i>Sarda orientalis</i> (Temminck and Schlegel, 1844)	Allen et al. (1995)
<i>Scomberomorus sierra</i> Jordan and Starks, 1895	Tapia-García et al. (1995)
<i>Thunnus albacares</i> (Bonnaterre, 1788)	Allen et al. (1995)
<i>Thunnus obesus</i> (Lowe, 1839)	Allen et al. (1995)
Family Serranidae Swainson, 1839	
<i>Alphestes immaculatus</i> Breder, 1936	Allen et al. (1995)
<i>Alphestes multiguttatus</i> (Günther, 1867)	Allen et al. (1995)
<i>Cephalopholis panamensis</i> (Steindachner, 1877)	Allen et al. (1995)
<i>Dermatolepis dermatolepis</i> (Boulenger, 1895)	Allen et al. (1995)
<i>Diplectrum eumelum</i> Rosenblatt and Johnson, 1974	Allen et al. (1995)
<i>Diplectrum euryplectrum</i> Jordan and Bollmann, 1890	Tapia-García et al. (1995)
<i>Diplectrum labarum</i> Rosenblatt and Johnson, 1974	Tapia-García et al. (1995)
<i>Diplectrum macropoma</i> (Günther, 1864)	Tapia-García et al. (1995)
<i>Diplectrum maximum</i> Hildebrand, 1946	Allen et al. (1995)

TABLE 13. CONTINUED.

<i>Diplectrum pacificum</i> Meek and Hildebrand, 1925	Tapia-García <i>et al.</i> (1995)
<i>Diplectrum rostrum</i> Bortone, 1974	Allen <i>et al.</i> (1995)
<i>Epinephelus acanthistius</i> (Gilbert, 1892)	Allen <i>et al.</i> (1995)
<i>Epinephelus analogus</i> Gill, 1864	Tapia-García <i>et al.</i> (1995)
<i>Epinephelus exsul</i> (Fowler, 1944)	Allen <i>et al.</i> (1995)
<i>Epinephelus itajara</i> (Lichtenstein, 1822)	Allen <i>et al.</i> (1995)
<i>Epinephelus labriformis</i> (Jenyns, 1840)	Allen <i>et al.</i> (1995)
<i>Hemanthias signifer</i> (Garman, 1899)	Allen <i>et al.</i> (1995)
<i>Hemanthias peruanus</i> (Steindachner, 1874)	Allen <i>et al.</i> (1995)
<i>Hyporthodus niphobles</i> (Gilbert and Starks, 1897)	Allen <i>et al.</i> (1995)
<i>Mycteroperca xenarcha</i> Jordan, 1888	Allen <i>et al.</i> (1995)
<i>Paralabrax loro</i> Walford, 1936	Allen <i>et al.</i> (1995)
<i>Paralabrax nebulifer</i> (Girard, 1854)	Allen <i>et al.</i> (1995)
<i>Paranthias colonus</i> (Valenciennes, 1846)	Allen <i>et al.</i> (1995)
<i>Pronotogrammus eos</i> Gilbert, 1890	Allen <i>et al.</i> (1995)
<i>Pronotogrammus multifasciatus</i> Gill, 1863	Allen <i>et al.</i> (1995)
<i>Rypticus bicolor</i> Valenciennes, 1846	Allen <i>et al.</i> (1995)
<i>Rypticus nigripinnis</i> Gill, 1861	Tapia-García <i>et al.</i> (1995)
<i>Serranus aequidens</i> (Gilbert, 1890)	Allen <i>et al.</i> (1995)
<i>Serranus huascarii</i> Boulenger, 1895	Allen <i>et al.</i> (1995)
<i>Serranus psittacinus</i> Valenciennes, 1846	Allen <i>et al.</i> (1995)
Family Sparidae Bonaparte, 1832	
<i>Calamus brachysomus</i> (Lockington, 1880)	Allen <i>et al.</i> (1995)
Family Sphyraenidae Röse, 1793	
<i>Sphyraena ensis</i> Jordan and Gilbert, 1882	Tapia-García <i>et al.</i> (1995)
Family Stromateidae Lee, 1989	
<i>Peprilus medius</i> (Peters, 1869)	Tapia-García <i>et al.</i> (1995)
<i>Peprilus snyderi</i> Gilbert and Starks, 1904	Tapia-García <i>et al.</i> (1995)
Family Trichiuridae Rafinesque, 1810	
<i>Trichiurus lepturus</i> Linnaeus, 1758 A	Allen <i>et al.</i> (1995)
Family Uranoscopidae Regan, 1913	
<i>Astroscopus zephyreus</i> Gilbert and Starks <i>In</i> : Gilbert, 1897	Allen <i>et al.</i> (1995)
<i>Kathetostoma averruncus</i> Jordan and Bollmann, 1890	Allen <i>et al.</i> (1995)
Family Xiphiidae Regan, 1909	
<i>Xiphias gladius</i> Linnaeus, 1758	Allen <i>et al.</i> (1995)
Family Zanclidae Parenti, 1981	
<i>Zanclus cornutus</i> (Linnaeus, 1758)	Robertson and Allen (2008)
Order Pleuronectiformes Bleeker, 1859	
Family Achiridae Swainson, 1839	
<i>Achirus mazatlanus</i> (Steindachner, 1869) A	Tapia-García <i>et al.</i> (1995)
<i>Achiruscutum</i> (Günther, 1862)	Tapia-García <i>et al.</i> (1995)
<i>Achirus zebrinus</i> Clark, 1936	Tapia-García <i>et al.</i> (1995)
<i>Trinectes fonsecensis</i> (Günther, 1862)	Tapia-García <i>et al.</i> (1995)
Family Bothidae Norman, 1934	
<i>Bothus constellatus</i> (Jordan and Goss, 1889)	Tapia-García <i>et al.</i> (1995)
<i>Bothus leopardinus</i> (Günther, 1862)	Allen <i>et al.</i> (1995)
<i>Engyphrys sanctilaurentia</i> Jordan and Bollman, 1890	Tapia-García <i>et al.</i> (1995)
<i>Monolene asaedai</i> Clark, 1936	Tapia-García <i>et al.</i> (1995)
<i>Perissias taeniopterus</i> (Gilbert, 1890)	Allen <i>et al.</i> (1995)
Family Cynoglossidae Swainson, 1839	
<i>Symphurus atramentatus</i> (Jordan and Bollman, 1890)	Tapia-García <i>et al.</i> (1995)
<i>Symphurus callopterus</i> Munroe and Mahadeva, 1989	Allen <i>et al.</i> (1995)
<i>Symphurus chabanaudi</i> Mahadeva and Munroe, 1990	Allen <i>et al.</i> (1995)
<i>Symphurus elongatus</i> (Günther, 1868)	Tapia-García <i>et al.</i> (1995)
<i>Symphurus fasciolaris</i> Gilbert, 1892	Allen <i>et al.</i> (1995)
<i>Symphurus gorgonae</i> Chabanaud, 1948	Allen <i>et al.</i> (1995)
<i>Symphurus leei</i> Jordan and Bollman, 1890	Allen <i>et al.</i> (1995)
<i>Symphurus melanurus</i> Clark, 1936	Allen <i>et al.</i> (1995)
<i>Symphurus melasmatotheca</i> Munroe and Nizinski, 1990	Allen <i>et al.</i> (1995)
<i>Symphurus oligomerus</i> Mahadeva and Munroe, 1990	Allen <i>et al.</i> (1995)
<i>Symphurus prolatinarius</i> Munroe, Nizinski and Mahadeva, 1991	Allen <i>et al.</i> (1995)
<i>Symphurus undecimplerus</i> Munroe and Nizinski, 1990	Allen <i>et al.</i> (1995)
<i>Symphurus williamsi</i> Jordan and Culver <i>In</i> : Jordan, 1895	Allen <i>et al.</i> (1995)

TABLE 13. CONTINUED.

Family Paralichthyidae Swainson, 1839	
<i>Ancylosetta dendritica</i> Gilbert, 1890	Tapia-García et al. (1995)
<i>Citharichthys gilberti</i> Jenkins and Evermann, 1889 A	Tapia-García et al. (1995)
<i>Citharichthys mariajoriseae</i> van der Heiden and Mussot-Pérez, (1995)	Robertson and Allen (2008)
<i>Citharichthys platophrys</i> Gilbert, 1891	Tapia-García et al. (1995)
<i>Citharichthys stigmaeus</i> Jordan and Gilbert, 1882	Allen et al. (1995)
<i>Citharichthys xanthostigma</i> Gilbert, 1890	Allen et al. (1995)
<i>Cyclosetta panamensis</i> (Steindachner, 1875)	Tapia-García et al. (1995)
<i>Cyclosetta querna</i> (Jordan and Bollman, 1890)	Tapia-García et al. (1995)
<i>Etropus crossotus</i> Jordan and Gilbert, 1882	Tapia-García et al. (1995)
<i>Etropus peruvianus</i> Hildebrand, 1946	Allen et al. (1995)
<i>Hippoglossina bollmani</i> Gilbert, 1890	Allen et al. (1995)
<i>Hippoglossina tetrophthalmia</i> (Gilbert, 1890)	Allen et al. (1995)
<i>Paralichthys woolmani</i> Jordan and Williams, 1897	Tapia-García et al. (1995)
<i>Syacium latifrons</i> Jordan and Gilbert, 1882	Tapia-García et al. (1995)
<i>Syacium ovale</i> (Günther, 1864)	Tapia-García et al. (1995)
Order Scorpaeniformes Garman, 1899	
Family Scorpaenidae Risso, 1827	
<i>Pontinus furcirhinus</i> Garman, 1899	Allen et al. (1995)
<i>Pontinus sierra</i> (Gilbert, 1890)	Tapia-García et al. (1995)
<i>Scorpaena histrio</i> Jenyns, 1840	Allen et al. (1995)
<i>Scorpaena plumieri mystes</i> Jordan and Starks, 1895	Allen et al. (1995)
<i>Scorpaena russula</i> Jordan and Bollman, 1889	Tapia-García et al. (1995)
<i>Scorpaenodes xyris</i> (Jordan and Gilbert, 1882)	Allen et al. (1995)
Family Triglidae Regan, 1913	
<i>Bellator gymnostethus</i> (Gilbert, 1892)	Allen et al. (1995)
<i>Bellator loxias</i> (Jordan, 1897)	Tapia-García et al. (1995)
<i>Bellator xenisma</i> (Jordan and Bollman, 1890)	Allen et al. (1995)
<i>Prionotus albirostris</i> Jordan and Bollman, 1890	Tapia-García et al. (1995)
<i>Prionotus birostratus</i> Richardson, 1844	Tapia-García et al. (1995)
<i>Prionotus horrens</i> Richardson, 1844	Tapia-García et al. (1995)
<i>Prionotus ruscarius</i> Gilbert and Starks, 1904	Tapia-García et al. (1995)
<i>Prionotus stephanophrys</i> Lockington, 1881	Tapia-García et al. (1995)
Order Siluriformes Cuvier, 1817	
Family Ariidae Günther, 1864	
<i>Arius guatemalensis</i> Günther, 1864 A	Allen et al. (1995)
<i>Ariusseemanni</i> Günther, 1864 A	Chávez (1979)
<i>Bagre panamensis</i> Gill, 1863	Tapia-García et al. (1995)
<i>Bagre pinnimaculatus</i> Steindachner, 1876 A	Allen et al. (1995)
<i>Cathorops fuerthii</i> (Steindachner, 1877) A	Allen et al. (1995)
<i>Cathorops liropus</i> (Bristol, 1897)	Tapia-García et al. (1998)
<i>Notarius kessleri</i> (Steindachner, 1877)	Allen et al. (1995)
<i>Notarius planiceps</i> (Steindachner, 1877)	Allen et al. (1995)
<i>Occidentarius platypogon</i> (Günther, 1864)	Allen et al. (1995)
<i>Sciades dowii</i> (Gill, 1863) A	Allen et al. (1995)
<i>Sciades troschelii</i> (Gill 1863)	Allen et al. (1995)
Order Syngnathiformes Berg, 1940	
Family Fistulariidae Blainville, 1818	
<i>Fistularia commersonii</i> Rüppell, 1838	Allen et al. (1995)
<i>Fistularia corneta</i> Gilbert and Starks, 1904	Tapia-García et al. (1995)
Family Syngnathidae Bonaparte, 1831	
<i>Hippocampus ingens</i> Girard, 1858	Tapia-García et al. (1995)
<i>Syngnathus auliscus</i> (Swain, 1882)	Castro-Aguirre et al. (1999)
Order Tetraodontiformes Berg, 1940	
Family Balistidae Regan, 1902	
<i>Balistes polylepis</i> Steindachner, 1876	Tapia-García et al. (1995)
<i>Canthidermis maculatus</i> (Bloch, 1786)	Allen et al. (1995)
<i>Melichthys niger</i> (Bloch, 1786)	Allen et al. (1995)
<i>Pseudobalistes naufragium</i> (Jordan and Starks, 1895)	Allen et al. (1995)
<i>Sufflamen verres</i> (Gilbert and Starks, 1904)	Allen et al. (1995)
Family Diodontidae Bibron, 1855	
<i>Diodon eydouxii</i> Brissout de Barneville, 1846	Robertson and Allen (2008)
<i>Diodon holocanthus</i> Linnaeus, 1758	Tapia-García et al. (1995)

TABLE 13. CONTINUED.

<i>Diodon hystrix</i> Linnaeus, 1758	Tapia-García et al. (1995)
Family Molidae Parr, 1933	
<i>Mola mola</i> (Linnaeus, 1758)	Allen et al. (1995)
<i>Ranzania laevis</i> (Pennant, 1776)	Allen et al. (1995)
Family Monacanthidae Parr, 1933	
<i>Aluterus scriptus</i> (Osbeck, 1765)	Tapia-García et al. (1995)
<i>Aluterus monocerus</i> (Linnaeus, 1758)	Allen et al. (1995)
<i>Cantherhines dumerilii</i> (Hollard, 1854)	Allen et al. (1995)
Family Ostraciidae Rafinesque, 1815	
<i>Ostracion meleagris</i> Shaw, 1796	Robertson and Allen (2008)
Family Tetraodontidae Bonaparte, 1832	
<i>Arothron hispidus</i> (Linnaeus, 1758)	Allen et al. (1995)
<i>Arothron meleagris</i> (Lacépède, 1798)	Allen et al. (1995)
<i>Canthigaster punctatissima</i> (Günther, 1870)	Allen et al. (1995)
<i>Lagocephalus lagocephalus</i> (Linnaeus, 1758)	Allen et al. (1995)
<i>Sphoeroides annulatus</i> (Jenyns, 1842)	Chávez (1979)
<i>Sphoeroides lobatus</i> (Steindachner, 1870)	Tapia-García et al. (1995)
<i>Sphoeroides sechurae</i> Hildebrand, 1946	Allen et al. (1995)
<i>Sphoeroides trichocephalus</i> (Cope, 1870)	Allen et al. (1995)

TABLE 14. Checklist of amphibians and reptiles recorded in the marine and coastal areas of Oaxaca, Mexico.

Phylum Chordata Bateson, 1885	Reference
Class Amphibia Linnaeus, 1758	
Subclass Lissamphibia Haeckel, 1866	
Order Anura (Fischer von Waldheim, 1813) Gray 1825	
Family Bufonidae Gray, 1825	
<i>Incilius marmoratus</i> (Wiegmann, 1833)	Casas-Andreu et al. 2004
<i>Rhinella marina</i> (Linnaeus, 1758)	Casas-Andreu et al. 2004
Family Ranidae Rafinesque, 1814	
<i>Lithobates berlandieri</i> (Baird, 1854)	Casas-Andreu et al. 2004
<i>Lithobates forreri</i> (Boulenger, 1883)	Casas-Andreu et al. 2004
Class Reptilia (Linnaeus, 1758)	
Order Crocodylia Owen, 1842	
Family Crocodylidae Cuvier, 1807	
<i>Crocodylus acutus</i> Cuvier, 1807	Casas-Andreu et al. 2004
Order Squamata Oppel, 1811	
Suborder Lacertilia Günther, 1867	
Family Corytophanidae Fitzinger, 1843	
<i>Basiliscus vittatus</i> Wiegmann, 1828	Casas-Andreu et al. 2004
Family Iguanidae Frost and Etheridge, 1989	
<i>Ctenosaura oaxacana</i> Gray, 1842	Casas-Andreu et al. 2004
<i>Ctenosaura pectinata</i> Wiegmann, 1834	Casas-Andreu et al. 2004
<i>Iguana iguana</i> Linnaeus, 1758	Casas-Andreu et al. 2004
Suborder Serpentes Linnaeus, 1758	
Family Boidae Gray, 1825	
<i>Boa constrictor</i> Linnaeus, 1758	Casas-Andreu et al. 2004
Family Colubridae Oppel, 1811	
<i>Drymarchon corais</i> Boie, 1827	Casas-Andreu et al. 2004
<i>Leptophis diplotropis</i> Günther, 1872	Casas-Andreu et al. 2004
<i>Oxybelis aeneus</i> Wagler, 1824	Casas-Andreu et al. 2004
<i>Salvadora lemniscata</i> Cope, 1895	Casas-Andreu et al. 2004
<i>Senticolis triaspis</i> Cope, 1866	Casas-Andreu et al. 2004
<i>Stenorrhina freminvillei</i> Duméril, Bibron et Duméril, 1854	Casas-Andreu et al. 2004
<i>Symphimus leucostomus</i> Cope, 1870 (1869)	Casas-Andreu et al. 2004
<i>Trimorphodon biscutatus</i> Duméril, Bibron et Duméril, 1854	Casas-Andreu et al. 2004
Family Dipsadidae Bonaparte, 1838	
<i>Conopsis vittatus</i> Peters, 1860	Casas-Andreu et al. 2004
<i>Leptodeira annulata</i> Linnaeus, 1758	Casas-Andreu et al. 2004
<i>Leptodeira maculata</i> Hallowell, 1861	Casas-Andreu et al. 2004
<i>Leptodeira nigrofasciata</i> Günther, 1868	Casas-Andreu et al. 2004
<i>Manolepis putnami</i> Jan, 1863	Casas-Andreu et al. 2004
<i>Rhadinaea decorata</i> Günther, 1858	Casas-Andreu et al. 2004
Family Elapidae Boie, 1827	

TABLE 14. CONTINUED.

<i>Micrurus browni</i> Schmidt et Smith, 1943	Casas-Andreu et al. 2004
Family Hydrophiidae Boie, 1827	
<i>Pelamis platurus</i> Linnaeus, 1766	Casas-Andreu et al. 2004
Family Leptotyphlopidae Stejneger, 1892	
<i>Leptotyphlops goudotti</i> Duméril et Bibron, 1844	Casas-Andreu et al. 2004
Family Loxocemidae Cope, 1861	
<i>Loxocemus bicolor</i> Cope, 1861	Casas-Andreu et al. 2004
Order Testudines Linnaeus, 1758	
Family Cheloniidae Bauer, 1893	
<i>Chelonia agassizi</i> (Boucourt, 1868)	Casas-Andreu et al. 2004
<i>Caretta caretta</i> Linnaeus, 1758	Casas-Andreu et al. 2004
<i>Eretmochelys imbricata</i> Linnaeus, 1776	Casas-Andreu et al. 2004
<i>Lepidochelys olivacea</i> (Eschscholtz, 1829)	Casas-Andreu et al. 2004
Family Dermochelyidae Fitzinger, 1843	
<i>Dermochelys coriacea</i> (Vandelli, 1761)	Casas-Andreu et al. 2004
Family Emydidae Rafinesque, 1815	
<i>Rhinoclemmys pulcherrima</i> Gray, 1856	Casas-Andreu et al. 2004
<i>Rhinoclemmys rubida</i> Cope, 1869	Casas-Andreu et al. 2004
Family Kinosternidae Agassiz, 1857	
<i>Kinosternon integrum</i> Le Conte, 1854	Casas-Andreu et al. 2004
<i>Kinosternon oaxacae</i> Berry and Iverson, 1980	Casas-Andreu et al. 2004

TABLE 15. Checklist of birds recorded in the marine and coastal areas of Oaxaca, Mexico.

Class Aves Linnaeus, 1758	Reference
Order Anseriformes Wagler, 1831	
Family Anatidae Vigors, 1825	
<i>Cairina moschata</i> (Linnaeus, 1758)	Binford (1989)
<i>Dendrocygna autumnalis</i> (Linnaeus, 1758)	Binford (1989)
<i>Dendrocygna bicolor</i> (Vieillot, 1816)	Binford (1989)
<i>Anas acuta</i> Linnaeus, 1758	Binford (1989)
<i>Anas americana</i> Gmelin, 1789	Binford (1989)
<i>Anas clypeata</i> Linnaeus, 1758	Binford (1989)
<i>Anas crecca</i> Linnaeus, 1758	Binford (1989)
<i>Anas discors</i> Linnaeus, 1766	Binford (1989)
<i>Anas strepera</i> Linnaeus, 1758	Binford (1989)
<i>Aythya affinis</i> (Eyton, 1838)	Binford (1989)
<i>Aythya collaris</i> (Donovan, 1809)	Binford (1989)
<i>Oxyura jamaicensis</i> (Gmelin, 1789)	Binford (1989)
Order Procellariiformes Fürbringer, 1888	
Family Hydrobatidae Mathews, 1912	
<i>Oceanodroma melania</i> (Bonaparte, 1854)	Binford (1989)
<i>Oceanodroma microsoma</i> (Coues, 1864)	Binford (1989)
Family Procellariidae Boie, 1826	
<i>Puffinus auricularis</i> Townsend, 1890	Navarro-Sigüenza et al. (2004)
<i>Puffinus griseus</i> (Gmelin, 1789)	Navarro-Sigüenza et al. (2004)
<i>Puffinus lherminieri</i> Lesson, 1839	Binford (1989)
<i>Puffinus pacificus</i> (Gmelin, 1789)	Binford (1989)
Order Phaethontiformes Sharpe, 1891	
Family Phaetodontidae Brandt, 1840	
<i>Phaeton aethereus</i> Linnaeus, 1758	Navarro-Sigüenza et al. (2004)
Order Suliformes Reichenbach, 1849	
Family Fregatidae Garrod, 1874	
<i>Fregata magnificens</i> Mathews, 1914	Binford (1989)
Family Sulidae Reichenbach, 1849	
<i>Sula granti</i> Rothschild, 1902	Binford (1989)
<i>Sula leucogaster</i> (Boddaert, 1783)	Binford (1989)
<i>Sula neboxii</i> Milne-Edwards 1882	Navarro-Sigüenza et al. (2004)
<i>Sula sula</i> (Linnaeus, 1766)	Binford (1989)
Family Phalacrocoracidae Reichenbach, 1850	
<i>Phalacrocorax brasilianus</i> (Gmelin, 1789)	Navarro-Sigüenza et al. (2004)
Family Anhingidae Reichenbach, 1849	
<i>Anhinga anhinga</i> (Linnaeus, 1766)	Binford (1989)
Order Pelecaniformes Sharpe, 1891	

TABLE 15. CONTINUED.

Family Pelecanidae Rafinesque, 1815	
<i>Pelecanus occidentalis</i> Linnaeus, 1766	Binford (1989)
Family Ardeidae Leach, 1820	
<i>Ardea alba</i> (Linnaeus, 1758)	Binford (1989)
<i>Ardea herodias</i> Linnaeus, 1758	Binford (1989)
<i>Bubulcus ibis</i> (Linnaeus, 1758)	Binford (1989)
<i>Butorides virescens</i> (Linnaeus, 1758)	Navarro-Sigüenza <i>et al.</i> (2004)
<i>Cochlearius cochlearius</i> (Linnaeus, 1766)	Binford (1989)
<i>Egretta caerulea</i> (Linnaeus, 1758)	Binford (1989)
<i>Egretta rufescens</i> (Gmelin, 1789)	Binford (1989)
<i>Egretta thula</i> (Molina, 1782)	Binford (1989)
<i>Egretta tricolor</i> (Müller, 1776)	Binford (1989)
<i>Nyctanassa violacea</i> (Linnaeus, 1758)	Navarro-Sigüenza <i>et al.</i> (2004)
<i>Nycticorax nycticorax</i> (Linnaeus, 1758)	Binford (1989)
<i>Tigrisoma mexicanum</i> Swainson, 1834	Binford (1989)
Family Threskiornithidae Richmond, 1917	
<i>Eudocimus albus</i> (Linnaeus, 1758)	Binford (1989)
<i>Platalea ajaja</i> Linnaeus, 1758	Binford (1989)
<i>Plegadis chichi</i> (Vieillot, 1817)	Binford (1989)
Order Ciconiiformes Bonaparte, 1854	
Family Ciconiidae Gray, 1840	
<i>Mycteria americana</i> Linnaeus, 1758	Binford (1989)
Order Accipitriformes Vieillot, 1807	
Family Cathartidae Lafresnaye, 1839	
<i>Cathartes aura</i> (Linnaeus, 1758)	Binford (1989)
<i>Coragyps atratus</i> (Bechstein, 1793)	Binford (1989)
Family Pandionidae Bonaparte, 1854	
<i>Pandion haliaetus</i> (Linnaeus, 1758)	Binford (1989)
Family Accipitridae Vieillot, 1816	
<i>Buteo albonotatus</i> Kaup, 1847	Binford (1989)
<i>Buteo jamaicensis</i> (Gmelin, 1788)	Binford (1989)
<i>Buteo magnirostris</i> (Gmelin, 1788)	Binford (1989)
<i>Buteo nitidus</i> (Latham, 1790)	Binford (1989)
<i>Buteo platypterus</i> (Vieillot, 1823)	Binford (1989)
<i>Buteogallus anthracinus</i> (Deppe, 1830)	Binford (1989)
<i>Buteogallus urubitinga</i> (Gmelin, 1788)	Binford (1989)
<i>Rostrhamus sociabilis</i> (Vieillot, 1817)	Binford (1989)
Order Falconiformes Sharpe, 1874	
Family Falconidae Vigors, 1824	
<i>Caracara cheirway</i> (Jacquin, 1784)	Binford (1989)
<i>Falco peregrinus</i> Tunstall, 1771	Binford (1989)
<i>Falco sparverius</i> Linnaeus, 1758	Binford (1989)
<i>Herpotheres cachinnans</i> (Linnaeus, 1758)	Binford (1989)
Order Charadriiformes Huxley, 1867	
Family Charadriidae Vigors, 1825	
<i>Charadrius alexandrinus</i> Linnaeus, 1758	Binford (1989)
<i>Charadrius collaris</i> Vieillot, 1816	Binford (1989)
<i>Charadrius semipalmatus</i> Bonaparte, 1825	Binford (1989)
<i>Charadrius vociferus</i> Linnaeus, 1758	Binford (1989)
<i>Charadrius wilsonia</i> Ord, 1814	Binford (1989)
<i>Pluvialis dominica</i> (Müller, 1776)	Binford (1989)
<i>Pluvialis squatarola</i> (Linnaeus, 1758)	Binford (1989)
Family Haematopodidae Gray, 1840	
<i>Haematopus palliatus</i> Temminck, 1820.	Binford (1989)
Family Jacanidae Stejneger, 1885	
<i>Jacana spinosa</i> (Linnaeus, 1758)	Binford (1989)
Family Laridae Vigors, 1825	
<i>Chlidonias niger</i> (Linnaeus, 1758)	Binford (1989)
<i>Gelochelidon nilotica</i> Gmelin, 1789	Binford (1989)
<i>Hydroprogne caspia</i> Pallas, 1770	Binford (1989)
<i>Larus argentatus</i> Pontoppidan, 1763	Navarro-Sigüenza <i>et al.</i> (2004)
<i>Larus californicus</i> Lawrence, 1854	Navarro-Sigüenza <i>et al.</i> (2004)
<i>Larus delawarensis</i> Ord, 1815	Binford (1989)

TABLE 15. CONTINUED.

<i>Leucophaeus atricilla</i> Linnaeus, 1758	Binford (1989)
<i>Leucophaeus pipixcan</i> Wagler, 1831	Binford (1989)
<i>Onychoprion fuscatus</i> Linnaeus, 1766	Binford (1989)
<i>Rhynchops niger</i> Linnaeus, 1758	Binford (1989)
<i>Stercorarius longicaudus</i> Vieillot, 1819	Binford (1989)
<i>Stercorarius parasiticus</i> (Linnaeus, 1758)	Binford (1989)
<i>Sterna forsteri</i> Nuttall, 1832	Binford (1989)
<i>Sterna hirundo</i> Linnaeus 1758	Binford (1989)
<i>Sternula antillarum</i> (Lesson, 1847)	Binford (1989)
<i>Thalasseus elegans</i> Gambel, 1849	Binford (1989)
<i>Thalasseus maximus</i> Boddaert, 1783	Binford (1989)
<i>Thalasseus sandvicensis</i> Latham, 1787	Binford (1989)
Family Recurvirostridae Bonaparte, 1854	
<i>Himantopus mexicanus</i> (Müller, 1776)	Binford (1989)
<i>Recurvirostra americana</i> Gmelin, 1789	Binford (1989)
Family Scolopacidae Vigors, 1825	
<i>Actitis macularius</i> (Linnaeus, 1766)	Binford (1989)
<i>Arenaria interpres</i> (Linnaeus, 1758)	Binford (1989)
<i>Calidris alba</i> (Pallas, 1764)	Binford (1989)
<i>Calidris alpina</i> (Linnaeus, 1758)	Binford (1989)
<i>Calidris canutus</i> (Linnaeus, 1758)	Binford (1989)
<i>Calidris mauri</i> (Cabanis, 1857)	Binford (1989)
<i>Calidris minutilla</i> (Vieillot, 1819)	Binford (1989)
<i>Calidris pusilla</i> (Linnaeus, 1766)	Binford (1989)
<i>Gallinago gallinago</i> (Linnaeus, 1758)	Binford (1989)
<i>Limosa fedoa</i> (Linnaeus, 1758)	Binford (1989)
<i>Limosa haemastica</i> (Linnaeus, 1758)	Binford (1989)
<i>Limnodromus griseus</i> (Gmelin, 1789)	Binford (1989)
<i>Limnodromus scolopaceus</i> (Say, 1823)	Binford (1989)
<i>Numenius americanus</i> Bechstein, 1812	Binford (1989)
<i>Numenius phaeopus</i> (Linnaeus, 1758)	Binford (1989)
<i>Phalaropus fulicarius</i> (Linnaeus, 1758)	Binford (1989)
<i>Phalaropus lobatus</i> (Linnaeus, 1758)	Binford (1989)
<i>Phalaropus tricolor</i> (Vieillot, 1819)	Binford (1989)
<i>Tringa flavipes</i> (Gmelin, 1789)	Binford (1989)
<i>Tringa melanoleuca</i> (Gmelin, 1789)	Binford (1989)
<i>Tringa semipalmata</i> (Gmelin, 1789)	Binford (1989)
<i>Tringa solitaria</i> Wilson, 1813	Binford (1989)
Order Coraciiformes Forbes, 1884	
Family Alcedinidae Rafinesque, 1815	
<i>Chloroceryle americana</i> (Gmelin, 1788)	Binford (1989)
<i>Megaceryle alcyon</i> (Linnaeus, 1758)	Binford (1989)
<i>Megaceryle torquata</i> (Linnaeus, 1766)	Binford (1989)
Order Passeriformes Linnaeus, 1758	
Family Hirundinidae Linnaeus, 1758	
<i>Progne chalybea</i> (Gmelin, 1789)	Binford (1989)
<i>Progne subis</i> (Linnaeus, 1758)	Binford (1989)
<i>Stelgidopteryx serripennis</i> (Audubon, 1838)	Binford (1989)
<i>Tachycineta albilinea</i> (Lawrence, 1863)	Binford (1989)
Family Icteridae Linnaeus, 1758	
<i>Quiscalus mexicanus</i> (Gmelin, 1788)	Navarro-Sigüenza et al. (2004)
Family Tyrannidae Vigors, 1825	
<i>Myiozetetes similis</i> (Spix, 1825)	Binford (1989)
<i>Pitangus sulphuratus</i> (Linnaeus, 1766)	Binford (1989)
<i>Tyrannus melancholicus</i> Vieillot, 1819	Binford (1989)

**TABLE 16.** Checklist of marine mammals recorded in the marine areas of Oaxaca, Mexico.

Phylum Chordata Bateson, 1885	Reference
Class Mammalia Linnaeus, 1758	
Order Cetacea Brisson, 1762	
Suborder Mysticeti Cope, 1891	
Family Balaenopteridae Gray, 1864	
<i>Balaenoptera musculus</i> (Linnaeus, 1758)	Lira-Torres (2007)
<i>Megaptera novaeangliae</i> (Borowski, 1781)	Salinas and Ladrón-de-Guevara (1993)
Suborder Odontoceti Flower, 1869	
Family Delphinidae Gray, 1821	
<i>Feresa attenuata</i> Gray, 1875	Salinas and Ladrón-de-Guevara (1993)
<i>Globicephala macrorhynchus</i> Gray, 1843	Salinas and Ladrón-de-Guevara (1993)
<i>Grampus griseus</i> (Cuvier, 1812)	Salinas and Ladrón-de-Guevara (1993)
<i>Orcinus orca</i> (Linnaeus, 1758)	Sánchez-Díaz and Meraz-Hernando (2001)
<i>Pseudorca crassidens</i> (Owen, 1846)	Salinas and Ladrón-de-Guevara (1993)
<i>Stenella attenuata</i> (Gray, 1846)	Salinas and Ladrón-de-Guevara (1993)
<i>Stenella longirostris</i> (Gray, 1828)	Salinas and Ladrón-de-Guevara (1993)
<i>Tursiops truncatus</i> (Montagu, 1821)	Salinas and Ladrón-de-Guevara (1993)
Order Carnivora Bowdich, 1821	
Family Otariidae (Gray, 1825) Gill, 1866	
<i>Zalophus californianus</i> (Lesson, 1828)	Meraz-Hernando (2003)

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