

Comprehensive and synthetic inventory of Dokdo Island, Republic of Korea

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This study aims to establish a comprehensive, synthetic inventory system for the fauna and flora of Dokdo Island, Republic of Korea, which has been conducted by a specialized research group consisting of more than 50 experts. The research was conducted over five years (2015–2019) and supported by the National Institute of Biological Resources, Ministry of Environment, Republic of Korea. All possible publications on the fauna and flora of Dokdo Island over the last 68 years from 1952 to 2020 were reviewed. As a result, 1,302 species were found on Dokdo Island during the study period. An updated list of 1,963 species was created. This is expected to be of great help for the conservation and national publicity of important indigenous biological resources of Dokdo Island.

Keywords: Dokdo Island, East Sea, inventory system, Republic of Korea, species list

INTRODUCTION

Dokdo Island is in the easternmost region of the Korean Peninsula (Fig. 1), which is situated in the East Sea, 217 km from the mainland of the Korean Peninsula and 87 km from Ulleungdo Island (Ulleungdo & Dokdo Research Institute, KNU, 2009; Ryu, 2012; Song *et al.*, 2017). Dokdo Island encompasses two islands of Dongdo and Seodo with 89 small islets and rocks formed between 2.5–4.6 Mya through oceanic lava eruption (Sohn and Park, 1994; Kim *et al.*, 2013). It was designated as a natural monument (No. 336; Article 25) by the Cultural Heritage Administration of the Republic of Korea (ROK) in 1982, as an environmental conservation area under the Island Ecosystem Act (Article 6) by the Ministry of Land, Infrastructure, and Transport of the ROK in 1999, and as a specified island (No. 1; Article 4) by the Ministry of Environment of the ROK in 2000. Dokdo Island has been in the spotlight over the last 68 years because of its economic value with its methane hydrate deposits and abundant biological resources. Dokdo Island has never been connected to a continent, thereby leading to evolutionary biological uniqueness and importance, and thus exhibits an exclusive ecological environmental ecosystem with completely different biota from the rest of the mainland, that is, a variety of marine habitats including gravel shores, marine plateaus, and coastal terraces created by dynamic sedimentary processes (Sohn and Park, 1994; Je *et al.*, 1997; Choi *et al.*, 2002; Park *et al.*, 2002; Ryu *et al.*, 2012; Song *et al.*, 2017). The remoteness, distance from the mainland, and the necessity

of extraordinary access permission have helped maintain and conserve the biodiversity and ecosystem of Dokdo Island, compared to other easily accessible islands.

Despite the importance of Dokdo Island, very few long-term surveys of fauna or flora have been conducted on the island due to the difficulty in accessibility, leading to a lack of comprehensive species lists and voucher specimens (Ryu *et al.*, 2012). Recently, a few studies on the fauna of Dokdo Island have been published in international journals, including those on marine invertebrates (i.e., Ryu *et al.*, 2012; Song *et al.*, 2017), plants (i.e., Jung *et al.*, 2014), microbes (i.e., Park *et al.*, 2018), and insects (i.e., Kim and Kwon, 2020). Ryu *et al.* (2012) conducted the first intensive study on the fauna of Dokdo Island; they reported a total of 403 marine invertebrates. Subsequently, Song *et al.* (2017) reviewed the Dokdo macrozoobenthos and analyzed 578 marine invertebrate species collected over the past 50 years. Kim and Kwon (2020) conducted a comprehensive analysis of the community structure and dynamics on Dokdo Island based on the related references published over the past 40 years, in which they reported 13 orders and 166 insect species. Although intensive studies have been conducted for each taxon, a compilation of all taxa has not been undertaken.

For stable, long-term research on the biodiversity of Dokdo Island, we need to establish a national comprehensive inventory system of the biological resources, which is highly valued as the most important basic data for securing bio-sovereignty and continuously conserving and managing biodiversity. Numerous studies on the biological



Fig. 1. The landscape of Dokdo Island (photo by Dr. Sa Heung Kim).

resources of Dokdo Island have been conducted by the National Institute of Biological Resources (NIBR), Korea Ocean Research and Development Institute (KORDI), National Institute of Fisheries Science (NIFS), and National Institute of Ecology (NIE). However, most have been short-term, sporadically surveys performed by government organizations, universities, and research institutions. As a result, NIBR first published the species list of Dokdo Island at the national level in 2015 (NIBR, 2015), which reported a total of 1,405 species: 50 spp. of microbes, 41 of microalgae, 295 of seaweeds, 51 of plants, 144 of insects, 459 of marine invertebrates, 177 of fishes, 183 of birds, and 5 of mammals. However, the species list published in 2015 was considered a starting point that would need to be upgraded and annually revised to be a national-level comprehensive synthetic inventory system for the biological resources of Dokdo Island.

The present study constructs an inventory system for the biological resources of Dokdo Island through a comprehensive survey from 2015 to 2019, with a thorough review of previously reported references on the species list on Dokdo Island over the past 68 years. The national-level inventory established in this study comprises 1,963 species of microbes, microalgae, seaweeds, plants, protozoans, insects, marine invertebrates, fishes, birds, and mammals, covering 30 phyla, 76 classes, 252 orders, 698 families, 1,289 genera, and 1,963 species (excluding 185 unidentified species). This is the first paper to prepare the species list of Dokdo Island, published officially by cooperating with the Ministry of Environment, ROK. This study is of great academic and evolutionary importance and will aid further studies related to biodiversity conservation and management of species on Dokdo Island.

MATERIALS AND METHODS

1. Sampling period and survey methods

A comprehensive species list of Dokdo Island was prepared by a specialized research group comprising more than 50 related experts, carried out through 41 trips to Dokdo Island over five years (2015–2019) (Supplementary Information 1). The detailed collection methods for each taxon are provided in Supplementary Information 2.

2. Classification system and species identification

The study followed the classification system and scientific names of the ‘National Species List of Korea I, II, and III’ published by NIBR (2019a; 2019b; 2019c) to build a synthetic inventory system with an updated comprehensive species list of Dokdo Island. It is based on a general database (i.e., WORMS, Algae database) for unrecorded taxa. Species identification for each of the taxa

examined in this study was conducted using the methods described in detail as follows: 1) microbes were classified following the classification system of the ‘International Journal of Systematics and Evolutionary Microbiology’; 2) microalgae were identified and classified using previous references (i.e., Kim and Shin, 2007; NIBR, 2015); 3) seaweed species were classified based on the ‘Illustrated Encyclopedia of Fauna & Flora of Korea, Vol. 9’ (Chung, 1968), ‘Marine Algae of Japan’ (Yoshida, 1998), and other classification-related references (i.e., Lee *et al.*, 1992; Kim *et al.*, 1994; 2010; Kim and Boo, 2010; Kim, 2012; Kim and Lee, 2012); 4) plants were identified and classified by referring to ‘Flora of Korea’ (Lee, 1996), ‘Coloured flora of Korea’ (Lee, 2003), and ‘New Flora of Korea’ (Lee, 2006); 5) protozoans were morphologically identified based on published literature (i.e., Chung and Choi, 1995; Jung *et al.*, 2017; Kim *et al.*, 2018); 6) insects were identified and classified referring to ‘Illustrated Encyclopedia of Fauna & Flora of Korea Insecta (II)’ (Cho, 1969), ‘Insects’ Life in Korea’ (Bae, 1998), ‘Economic Insect of Korea’ (Kim, 2000; Ku *et al.*, 2001; Kwon *et al.*, 2001; Kwon and Huh, 2001; Lee and Ahn, 2001), ‘Insects of Korea’ (Park *et al.*, 2012), and ‘Korean Ant Atlas’ (Kwon *et al.*, 2012); 7) marine invertebrates were classified following the ‘Illustrated Encyclopedia of Fauna & Flora of Korea’ (Kim, 1973; Kim, 1977; Rho, 1977; Choi, 1992; Shin and Rho, 1996; Kim, 1998; Min *et al.*, 2004; Song, 2004; Seo, 2006); 8) fishes were identified and grouped by ‘Illustrated Book of Korean Fishes’ (Kim *et al.*, 2005) and ‘Dictionary of Korean Fish Names’ (Lee *et al.*, 2006); 9) birds were classified by referring to the ‘Complete Guide to Birds of the Korean Peninsula’ (Song, 2005) and ‘A field guide to the birds of Korea’ (Lee *et al.*, 2020); and 10) mammals were grouped following ‘The Mammals of Korea’ (Yun *et al.*, 2004) and ‘Illustrated Encyclopedia of Fauna & Flora of Korea, Vol. 7’ (Won, 1967). In cases where morphological species identification was difficult, molecular species identification was performed with 16S ribosomal RNA gene (*16S rRNA*) for microbes, 18S ribosomal RNA gene (*18S rRNA*) for protozoans, mitochondrial cytochrome oxidase subunit 1 gene (*COI*) for animals, and the genes of chloroplast DNA such as maturase K gene (*matK*) and ribulose-1,5-bisphosphate carboxylase gene (*rbcL*) or the internal transcribed spacer (ITS) for plants (e.g., Hwang and Kim, 1999; Shin *et al.*, 2000; Song *et al.*, 2009; Kim *et al.*, 2010; Song and Park, 2011; Yang *et al.*, 2012; Baek *et al.*, 2020; Choi *et al.*, 2020; 2021; Park *et al.*, 2020; Shin *et al.*, 2021).

3. Comprehensive synthetic inventory of Dokdo Island

This research was carried out to establish a comprehensive synthetic inventory of species inhabiting various

terrestrial and marine areas of Dokdo Island, which was revised according to the related literature and completed through peer reviews. The classification system, scientific names, and Korean names of each taxonomic group were based on the 'National Species List of Korea I, II, and III' published in NIBR (2019a; 2019b; 2019c). If the species was synonymized, a changed name was adopted for each taxonomic group according to the latest system. The unidentified species, abbreviated to 'sp.', are not included in counting the total number of species. The species list for Dokdo Island is organized in the following order: microbes, microalgae, seaweeds, plants, protozoans, insects, marine invertebrates, fishes, birds, and mammals.

RESULTS

1. Statistics of species information reported from Dokdo Island

Through a research project conducted over five years (2015–2019), a comprehensive synthetic inventory of fauna and flora of Dokdo Island was established by identifying 1,302 species from nine taxonomic groups. In addition, high-quality photos and illustrations of samples, habitats, and landscapes were collected (Hwang *et al.*, 2017; 2019; Hwang, 2021a; 2021b). Based on the species list of Dokdo Island reported in NIBR (2015), the number

of newly reported species in this study has been added to the species list of NIBR yearly and renewed annually. Consequently, out of the 1,302 species, a total of 558 species (202 from reference searches and 356 from surveys) were added to the species list of Dokdo Island. Here, 315 species were confirmed in the first-year survey (2015), 421 in the second-year survey (2016), 216 in the third-year survey (2017), 181 in the fourth-year survey (2018), and 169 in the fifth-year survey (2019). The 185 unidentified species presented in NIBR (2015) were not included in the number of species (Table 1). By adding 558 species to the species list of NIBR (2015; 1,405 species), the species list of Dokdo Island was established, reporting 1,963 species in total - 67 species (50 from NIBR (2015), 11 from direct surveys, and 6 from reference searches) for microbes, 41 (41, 0, and 0) for microalgae, 386 (295, 31, and 60 in order) for seaweeds, 66 (51, 1, and 14) for plants, 55 (0, 53, and 2) for protozoans, 193 (144, 8, and 41) for insects, 778 (459, 248, and 71) for marine invertebrates, 180 (177, 3, and 0) for fishes, 192 (183, 1, and 8) for birds, and 5 (5, 0, and 0) for mammals (Table 1). The number of newly added species through this study accounts for 28.4% of the total number of the final listed species. The comprehensive synthetic inventory established in the present study comprises 30 phyla, 76 classes, 252 orders, 698 families, 1,289 genera, and 1,963 species.

Table 1. Total number of species reported from Dokdo Island, with the addition of the results of the present study to the species list published by NIBR (2015). A hyphen indicates that no investigation was performed.

| Taxon | NIBR (2015) | Secured species during five years (2015–2019) | | | | | Total secured species | Newly added species from surveys | Newly added species from references | Total number of species* |
|----------------------|--------------|---|---------------------------|--------------------------|---------------------------|--------------------------|-----------------------|----------------------------------|-------------------------------------|--------------------------|
| | | First-year survey (2015) | Second-year survey (2016) | Third-year survey (2017) | Fourth-year survey (2018) | Fifth-year survey (2019) | | | | |
| Microbes | 50 | 30 | 16 | 11 | – | – | 57 | 11 | 6 | 67 |
| Microalgae | 41 | – | – | – | – | – | – | 0 | 0 | 41 |
| Seaweeds | 295 | 40 | 44 | – | 33 | 47 | 164 | 31 | 60 | 386 |
| Plants | 51** | 46 | 13 | – | 1 | – | 60 | 1 | 14** | 66 |
| Protozoans | 0 | – | – | – | 8 | 45 | 53 | 53 | 2 | 55 |
| Insects | 144 | 46 | 76 | – | – | – | 122 | 8 | 41 | 193 |
| Marine invertebrates | 459 | 92 | 101 | 205 | 139 | 77 | 614 | 248 | 71 | 778 |
| Fishes | 177 | 20 | 32 | – | – | – | 52 | 3 | 0 | 180 |
| Birds | 183 | 40 | 138 | – | – | – | 178 | 1 | 8 | 192 |
| Mammals | 5 | 1 | 1 | – | – | – | 2 | 0 | 0 | 5 |
| Total | 1,405 | 315 | 421 | 216 | 181 | 169 | 1,302 | 356 | 202 | 1,963 |

*Total number of species = NIBR (2015) + reference searches + new records in Dokdo Island

**Among plants inhabiting Dokdo Island, 69 species were recorded in NIBR (2015) and 53 species were recorded in reference searches. However, among them, 18 species and 39 species whose current habitats are unclear were excluded from this list and finally presented as 51 species in NIBR (2015) and 14 species in references.

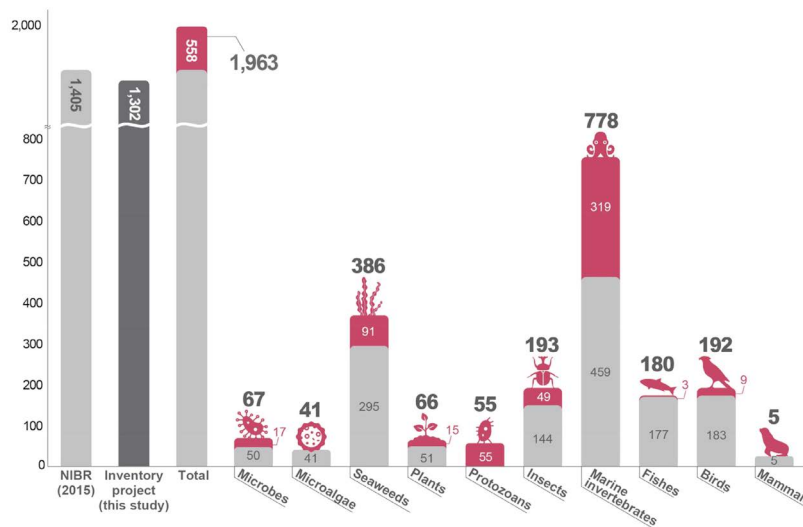


Fig. 2. Composition of the indigenous species of Dokdo Island classified by major taxonomic groups. The red color indicates newly added species through this study, and the light gray color is the number of recorded species from NIBR (2015). The dark gray indicates the number of species secured from the present study.

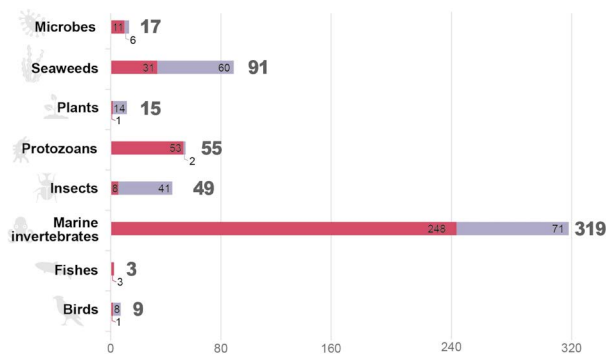


Fig. 3. The number of newly added species through the present study classified by major taxonomic groups inhabiting Dokdo Island. A total of 558 species are newly added to the list, where 202 species are from reference searches and the remaining species are from the direct survey. In the bar graph, the red-colored bar indicates newly added species through direct surveys and purple through reference searches.

2. General overview of fauna and flora of Dokdo Island

Before this study, the species list of Dokdo Island published by NIBR (2015) comprised a total of 1,405 species. By integrating the newly added species from the present study to the list, a total of 1,963 species were recorded (Fig. 2). A total of 558 were newly identified as additional species (including 202 species from reference searches), which correspond to 28.4% of the total number - 17 species (including 6 species from reference searches) of microbes, 91 (60) of seaweeds, 15 (14) of plants, 55 (2) of protozoans, 49 (41) of insects, 319 (71) of marine inverte-

brates, 3 (0) of fishes, and 9 (8) of birds (Fig. 3).

3. Detailed summary of the species list along with taxonomic groups

By thoroughly reviewing the related references published to date and adding all the survey results obtained in this study, the following species list was finalized: 30 phyla, 76 classes, 252 orders, 698 families, 1,289 genera, and 1,963 species (excluding 185 unidentified species). The figures broken down for each taxonomic group is: 48 genera and 67 species of microbes, 27 genera and 41 species of microalgae, 170 genera and 386 species of seaweeds, 57 genera and 66 species of plants, 39 genera and 55 species of protozoans, 166 genera and 193 species of insects, 546 genera and 778 species of marine invertebrates, 129 genera and 180 species of fishes, 102 genera and 192 species of birds, 5 genera and 5 species of mammals (Fig. 4). A detailed summary of the results is presented in the following subsections.

3-1. Microbes

NIBR (2015) reported 50 microbe species on Dokdo Island. Six species that had not been reported on the species list of NIBR (2015) were added through the reference searches (Supplementary Information 3). A total of 57 species were collected from Dokdo Island, of which 11 species (19.3%) were reported for the first time through the surveys during the present three-year research period (2015–2017). With the addition of 17 microbial species, 67 species are listed in total: 4 phyla, 10 classes, 22 orders, 34 families, 48 genera, and 67 species (Table 2). The species composition of microbes comprises 16 species

of Gammaproteobacteria (23.88%), 15 of Actinobacteria (22.39%), 10 of Flavobacteriia (14.93%), and 9 of Alphaproteobacteria (13.43%), which accounted for 74.63% of the species composition of the 67 listed microbes.

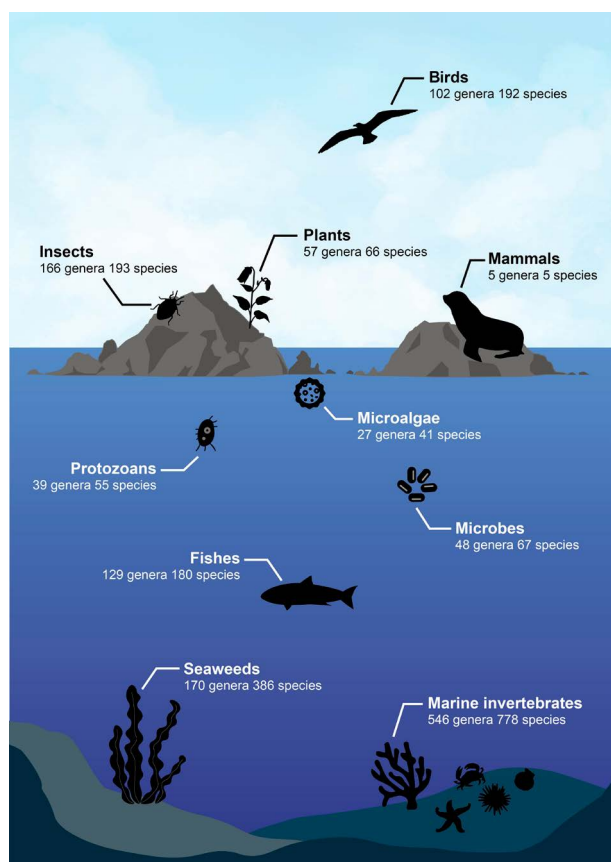


Fig. 4. The summary of species composition for each taxonomic group inhabiting Dokdo Island.

3-2. Microalgae

NIBR (2015) reported 41 microalgae species on Dokdo Island. A survey of microalgae could not be conducted in this study and no additional species were recorded through the extensive reference searches (Supplementary Information 3). Consequently, 41 species are listed in the species list of Dokdo Island, which included a total of 3 phyla, 6 classes, 14 orders, 18 families, 27 genera, and 41 species (Table 3). The species composition of microalgae comprises 13 species of Mediophyceae (31.71%), 9 each of Coscinodiscophyceae and Dinophyceae (21.95%), and 7 of Bacillariophyceae (17.07%), which accounted for 92.68% of the species composition of the 41 listed microalgae.

3-3. Seaweeds

NIBR (2015) reported 295 seaweed species on Dokdo Island. In this study, 60 species were newly added through the reference searches (Supplementary Information 3). Through the survey of Dokdo Island during the present four-year research period (2015–2016 and 2018–2019), a total of 164 species were collected, where 31 species (18.9%) are first reported. With the addition of 91 seaweed species, 386 species are listed in total: 3 phyla, 7 classes, 34 orders, 70 families, 170 genera, and 386 species (Table 4). The species composition of seaweeds comprises 246 species of Florideophyceae (63.73%), 92 of Phaeophyceae (23.83%), and 37 of Ulvophyceae (9.59%), accounting for 97.15% of the species composition of the 386 listed seaweeds. Among the endemic species of seaweeds inhabiting Dokdo Island (Table 5), *Gloeophycus koreanus* has been primarily observed on the western coastal island. It was however confirmed in the fourth-year survey (2018) that the species inhabits the tidal zone of Dokdo Port on Dongdo Island.

Table 2. Total number and classification of identified microbe species on Dokdo Island.

| Classification | | Order | Family | Genus | Species | Ratio (%) |
|----------------|-----------------------|-------|--------|-------|---------|-----------|
| Actinobacteria | Actinobacteria | 3 | 6 | 8 | 15 | 22.39 |
| Bacteroidetes | Bacteroidia | 1 | 1 | 1 | 1 | 1.49 |
| | Cytophagia | 1 | 1 | 1 | 1 | 1.49 |
| | Flavobacteriia | 1 | 1 | 8 | 10 | 14.93 |
| | Sphingobacteriia | 1 | 1 | 1 | 5 | 7.46 |
| | Bacilli | 1 | 4 | 5 | 6 | 8.96 |
| Firmicutes | Bacilli | 1 | 4 | 5 | 6 | 8.96 |
| Proteobacteria | Alphaproteobacteria | 5 | 6 | 8 | 9 | 13.43 |
| | Betaproteobacteria | 1 | 2 | 2 | 3 | 4.48 |
| | Epsilonproteobacteria | 1 | 1 | 1 | 1 | 1.49 |
| | Gammaproteobacteria | 7 | 11 | 13 | 16 | 23.88 |
| Total | | 22 | 34 | 48 | 67 | 100.00 |

Table 3. Total number and classification of identified microalgae species on Dokdo Island.

| | Classification | Order | Family | Genus | Species | Ratio (%) |
|-------------------------------|--------------------------|-------|--------|-------|---------|-----------|
| Bacillariophyta ¹⁾ | Bacillariophyceae 옷돌말강 | 3 | 4 | 6 | 7 | 17.07 |
| | Coscinodiscophyceae 체돌말강 | 2 | 3 | 6 | 9 | 21.95 |
| | Mediophyceae* | 3 | 3 | 6 | 13 | 31.71 |
| Dinophyta ²⁾ | Dinophyceae 와편모조강 | 4 | 6 | 6 | 9 | 21.95 |
| | Noctiluca* | 1 | 1 | 1 | 1 | 2.44 |
| Ochrophyta ³⁾ | Dictyophyceae 규질편모조강 | 1 | 1 | 2 | 2 | 4.88 |
| Total | | 14 | 18 | 27 | 41 | 100.00 |

¹⁾규조식물문; ²⁾와편모조식물문; ³⁾대롱편모조식물문; *국명없음

Table 4. Total number and classification of identified seaweed species on Dokdo Island.

| | Classification | Order | Family | Genus | Species | Ratio (%) |
|---------------------------|----------------------------|-------|--------|-------|---------|-----------|
| Chlorophyta ¹⁾ | Palmophyllophyceae* | 1 | 1 | 1 | 1 | 0.26 |
| | Ulvophyceae 갈파래강 | 4 | 8 | 10 | 37 | 9.59 |
| Ochrophyta ²⁾ | Phaeophyceae 갈조강 | 9 | 18 | 44 | 92 | 23.83 |
| Rhodophyta ³⁾ | Bangiophyceae 김파래홍조강 | 1 | 1 | 2 | 4 | 1.04 |
| | Compsopogonophyceae 붉은털홍조강 | 1 | 1 | 3 | 4 | 1.04 |
| | Florideophyceae 진정홍조강 | 17 | 40 | 109 | 246 | 63.73 |
| | Stylonematophyceae 마디털홍조강 | 1 | 1 | 1 | 2 | 0.52 |
| Total | | 34 | 70 | 170 | 386 | 100.00 |

¹⁾녹조식물문; ²⁾대롱편모조식물문; ³⁾홍조식물문; *국명없음

Table 5. List of three endemic seaweed species of Dokdo Island.

| Class | Order | Family | Species |
|-------------------------------|----------------------------|-----------------------|---------------------------------------|
| Florideophyceae ¹⁾ | Ceramiales ²⁾ | Dasyaceae 다홍풀과 | <i>Dasyisiphonia chejuensis</i> 제주분홍풀 |
| | | Rhodomelaceae 빨간검둥이과 | <i>Polysiphonia dokdoensis</i> 독도붉은실 |
| | Gigartinales ³⁾ | Gloiosiphoniaceae 실풀과 | <i>Gloeophycus koreanus</i> 분홍염주마디풀 |

¹⁾진정홍조강; ²⁾비단풀목; ³⁾돌가사리목

3-4. Plants

NIBR (2015) reported 69 plant species on Dokdo Island. In this study, 53 species were newly added through the reference searches (Supplementary Information 3). Among the 122 plant species inhabiting Dokdo Island, 57 were excluded from the list due to unclear identity or had records of planting but have currently disappeared. Therefore, 18 out of 69 species recorded in NIBR (2015) and 39 out of 53 species added through references were excluded from the list. The final list includes 51 species from NIBR (2015) and 14 species from references. Through the survey in Dokdo Island during the present two-year research period (2015–2016), a total of 60 species were collected from Dokdo Island, of which only one

species was represented the first record from the island. With the addition of 15 plant species, 66 species are listed in total: 4 phyla, 7 classes, 29 orders, 37 families, 57 genera, and 66 species (Table 6). Phylum Magnoliophyta (57 species, 86.36%) accounted for most of the species. Three endemic species and four endangered species were found to inhabit Dokdo Island (Table 7).

3-5. Protozoans

NIBR (2015) did not reported any protozoan species from Dokdo Island. In this study, two species were newly added through the reference searches (Supplementary Information 3). Through the survey of Dokdo Island during the present two-year research period (2018–2019),

Table 6. Total number and classification of identified plant species on Dokdo Island.

| Classification | Class | Order | Family | Genus | Species | Ratio (%) |
|-----------------------|-------|-------|--------|-------|---------|-----------|
| Bryophyta 선대식물문 | 2 | 5 | 5 | 5 | 5 | 7.58 |
| Magnoliophyta 피자식물문 | 2 | 23 | 28 | 48 | 57 | 86.36 |
| Marchantiophyta 태류식물문 | 2 | 0 | 3 | 3 | 3 | 4.55 |
| Pteridophyta 양치식물문 | 1 | 1 | 1 | 1 | 1 | 1.52 |
| Total | 7 | 29 | 37 | 57 | 66 | 100.00 |

Table 7. List of the endemic and endangered plant species in Dokdo Island.

| Class | Order | Family | Species | EMS ¹⁾ | EGS ²⁾ |
|-------------------|---------------------|--------------------|------------------------------------|-------------------|-------------------|
| Liliopsida 백합강 | Liliales 백합목 | Liliaceae 백합과 | <i>Maianthemum dilatatum</i> 큰두루미꽃 | – | O |
| | Najadales 나자스말목 | Zosteraceae 거머리말과 | <i>Phyllospadix japonica</i> 계바다말 | – | O |
| Magnoliopsida 목련강 | Campanulales 초롱꽃목 | Campanulaceae 초롱꽃과 | <i>Campanula takesimana</i> 섬초롱꽃 | O | O |
| | Dipsacales 산토끼꽃목 | Caprifoliaceae 인동과 | <i>Lonicera insularis</i> 섬괴불나무 | O | – |
| | Rosales 장미목 | Crassulaceae 돌나물과 | <i>Sedum takesimense</i> 섬기린초 | O | – |
| | Scrophulariales 현삼목 | Orobanchaceae 열당과 | <i>Orobanche coerulea</i> 초종용 | – | O |

¹⁾Endemic species; ²⁾Endangered species

Table 8. Total number and classification of identified protozoan species on Dokdo Island.

| Classification | Order | Family | Genus | Species | Ratio (%) | |
|----------------------------|------------------------|--------|-------|---------|-----------|--------|
| Amebozoa* | Tubulinea* | 1 | 1 | 1 | 1.82 | |
| Ciliophora ¹⁾ | Heterotrichea 이모충강 | 1 | 1 | 2 | 3.64 | |
| | Litostomatea* | 2 | 3 | 3 | 5.45 | |
| | Nassophorea* | 1 | 1 | 1 | 1.82 | |
| | Oligohymenophorea 빈막강 | 1 | 1 | 1 | 1.82 | |
| | Prostomatea 전구강 | 1 | 1 | 1 | 1.82 | |
| | Spirotrichea 선모강 | 3 | 4 | 6 | 27.27 | |
| Foraminifera ²⁾ | Globothalamea 글로보탈라메아강 | 2 | 11 | 12 | 27.27 | |
| | Tubothalamea 터보탈라메아강 | 2 | 3 | 9 | 21.82 | |
| | <i>insertae sedis</i> | 1 | 3 | 3 | 5.45 | |
| Percolozoa ³⁾ | Heterolobosea 이형엽상근족충강 | 1 | 1 | 1 | 1.82 | |
| Total | | 16 | 30 | 39 | 55 | 100.00 |

¹⁾섬모충문; ²⁾유공충문; ³⁾퍼콜로충문; *국명없음

a total of 53 species were collected from Dokdo Island, all which were first reports from the island. With the addition of 55 protozoan species, this study listed a total of 55 species: 4 phyla, 10 classes, 16 orders, 30 families, 39 genera, and 55 species (Table 8). The species composition of protozoans comprises 15 species of Spirotrichea (27.27%), 15 of Globothalamea (27.27%), and 12 of Tubothalamea (21.82%), accounting for 76.36% of the species composition of the 55 listed protozoans.

3-6. Insects

NIBR (2015) reported 144 insect species on Dokdo Island. This study newly added 41 species through the reference searches (Supplementary Information 3). Through the survey of Dokdo Island during the present two-year research period (2015–2016), a total of 122 species were collected from Dokdo Island, of which 8 species (6.6%) were reported for the first time. With the addition of 49 insect species, a total of 193 species were listed: 2 classes, 11 orders, 75 families, 166 genera, and 193 species (Table

Table 9. Total number and classification of identified insect species on Dokdo Island.

| Classification | Family | Genus | Species | Ratio (%) |
|-----------------|--------------------|-------|---------|-----------|
| Insecta 곤충강 | Blattodea 바퀴목 | 1 | 1 | 0.52 |
| | Coleoptera 딱정벌레목 | 15 | 37 | 24.87 |
| | Dermaptera 집게벌레목 | 2 | 3 | 1.55 |
| | Diptera 파리목 | 15 | 33 | 21.24 |
| | Hemiptera 노린재목 | 15 | 34 | 19.69 |
| | Hymenoptera 벌목 | 5 | 15 | 8.29 |
| | Lepidoptera 나비목 | 14 | 31 | 17.62 |
| | Neuroptera 풀잠자리목 | 2 | 3 | 1.55 |
| | Odonata 잠자리목 | 3 | 5 | 2.59 |
| | Orthoptera 메뚜기목 | 2 | 3 | 1.55 |
| Collembola 톱토기강 | Poduromorpha 물톱토기목 | 1 | 1 | 0.52 |
| Total | 75 | 166 | 193 | 100.00 |

Table 10. Total number and classification of identified marine invertebrate species on Dokdo Island.

| Classification | Class | Order | Family | Genus | Species | Ratio (%) |
|-----------------------|-------|-------|--------|-------|---------|-----------|
| Annelida 환형동물문 | 1 | 6 | 30 | 76 | 91 | 11.70 |
| Arthropoda 절지동물문 | 6 | 13 | 85 | 159 | 239 | 30.72 |
| Bryozoa 태형동물문 | 2 | 3 | 16 | 20 | 23 | 2.96 |
| Chaetognatha 모악동물문 | 1 | 1 | 1 | 1 | 1 | 0.13 |
| Chordata 척삭동물문 | 2 | 4 | 7 | 11 | 14 | 1.80 |
| Cnidaria 자포동물문 | 3 | 11 | 41 | 57 | 83 | 10.67 |
| Echinodermata 극피동물문 | 5 | 12 | 26 | 37 | 47 | 6.04 |
| Mollusca 연체동물문 | 4 | 24 | 89 | 159 | 240 | 30.85 |
| Nematoda 선형동물문 | 1 | 1 | 1 | 1 | 1 | 0.13 |
| Nemertea 유형동물문 | 2 | 2 | 2 | 3 | 3 | 0.39 |
| Platyhelminthes 편형동물문 | 0 | 1 | 2 | 3 | 3 | 0.39 |
| Porifera 해면동물문 | 2 | 10 | 16 | 18 | 31 | 3.98 |
| Sipuncula 성구동물문 | 1 | 1 | 1 | 1 | 2 | 0.26 |
| Total | 30 | 89 | 317 | 546 | 778 | 100.00 |

9). The species composition of insects comprises 48 species of coleopterans (24.87%), 41 of dipterans (21.24%), 38 of hemipterans (19.69%), and 34 of lepidopterans (17.62%), accounting for 83.42% of the species composition of the 193 listed insects.

3-7. Marine invertebrates

NIBR (2015) reported 459 marine invertebrate species on Dokdo Island. This study newly added 71 species through the reference searches (Supplementary Information 3). Through the survey of Dokdo Island during the present five-year research period (2015–2019), a total of 614 species were collected from Dokdo Island, of which 248 species (40.4%) were reported for the first time.

With the addition of 319 marine invertebrate species, the study lists a total of 778 species: 13 phyla, 30 classes, 89 orders, 317 families, 546 genera, and 778 species (Table 10). The species composition of marine invertebrates comprises 240 species of mollusks (30.85%), 239 of arthropods (30.72%), 91 of annelids (11.70%), and 83 of cnidarians (10.67%), accounting for 83.94% of the species composition of the 778 listed marine invertebrates.

3-8. Fishes

NIBR (2015) reported 177 fish species on Dokdo Island. This study did not find any additional species through the reference searches (Supplementary Information 3). Through the survey of fauna and flora conducted during

Table 11. Total number and classification of identified fish species on Dokdo Island.

| | Classification | Family | Genus | Species | Ratio (%) |
|---------------------|--------------------------|--------|-------|---------|-----------|
| Actinopterygii 조기강 | Atheriniformes 색줄멸목 | 1 | 1 | 1 | 0.56 |
| | Beloniformes 동갈치목 | 3 | 3 | 3 | 1.67 |
| | Beryciformes 금눈돔목 | 3 | 4 | 4 | 2.22 |
| | Clupeiformes 청어목 | 2 | 5 | 5 | 2.78 |
| | Gadiformes 대구목 | 2 | 3 | 3 | 1.67 |
| | Gasterosteiformes 큰가시고기목 | 2 | 5 | 5 | 2.78 |
| | Lampridiformes 이악어목 | 1 | 1 | 1 | 0.56 |
| | Lophiiformes 아귀목 | 1 | 2 | 2 | 1.11 |
| | Mugiliformes 송어목 | 1 | 1 | 1 | 0.56 |
| | Perciformes 농어목 | 34 | 70 | 99 | 55.00 |
| | Pleuronectiformes 가자미목 | 2 | 6 | 8 | 4.44 |
| | Salmoniformes 연어목 | 1 | 1 | 2 | 1.11 |
| | Scorpaeniformes 쏨뱅이목 | 6 | 14 | 27 | 15.00 |
| | Siluriformes 메기목 | 1 | 1 | 1 | 0.56 |
| | Tetraodontiformes 복어목 | 4 | 8 | 14 | 7.78 |
| Chondrichthyes 연골어강 | Zeiformes 달고기목 | 1 | 1 | 1 | 0.56 |
| | Rajiformes 흉어목 | 2 | 3 | 3 | 1.67 |
| Total | | 67 | 129 | 180 | 100.00 |

Table 12. Total number and classification of identified bird species on Dokdo Island.

| Classification | Family | Genus | Species | Ratio (%) |
|------------------------|--------|-------|---------|-----------|
| Anseriformes 기러기목 | 1 | 5 | 9 | 4.69 |
| Apodiformes 칼새목 | 1 | 1 | 1 | 0.52 |
| Caprimulgiformes 축독새목 | 1 | 1 | 1 | 0.52 |
| Charadriiformes 도요목 | 5 | 16 | 28 | 14.58 |
| Ciconiiformes 황새목 | 1 | 6 | 9 | 4.69 |
| Columbiformes 비둘기목 | 1 | 3 | 5 | 2.60 |
| Coraciiformes 파랑새목 | 3 | 4 | 4 | 2.08 |
| Cuculiformes 두견목 | 1 | 1 | 1 | 0.52 |
| Falconiformes 매목 | 2 | 7 | 13 | 6.77 |
| Galliformes 닭목 | 1 | 1 | 1 | 0.52 |
| Gaviiformes 아비목 | 1 | 1 | 2 | 1.04 |
| Gruiformes 두루미목 | 2 | 3 | 3 | 1.56 |
| Passeriformes 참새목 | 21 | 44 | 104 | 54.17 |
| Pelecaniformes 사다새목 | 1 | 1 | 3 | 1.56 |
| Podicipediformes 논병아리목 | 1 | 1 | 1 | 0.52 |
| Procellariiformes 습새목 | 2 | 3 | 3 | 1.56 |
| Strigiformes 올빼미목 | 1 | 4 | 4 | 2.08 |
| Total | 46 | 102 | 192 | 100.00 |

the present two-year research period (2015–2016), a total of 52 species were collected, of which three species (5.8%) are first reports from the island. With the addition of three fish species, 180 species are listed in total: 2 classes, 17

orders, 67 families, 129 genera, and 180 species (Table 11). The species composition of fishes comprises 99 species of Perciformes (55.00%), 27 of Scorpaeniformes (15.00%), 14 of Tetraodontiformes (7.78%), accounting

Table 13. List of endangered species under Classes I and II, and natural monuments for 23 bird species of Dokdo Island.

| Order | Family | Species | ES ¹⁾ /No. NM ²⁾ |
|---------------------|------------------|---|--|
| Anseriformes 기러기목 | Anatidae 오리과 | <i>Aix galericulata</i> 원앙 | - / 327 |
| | | <i>Cygnus columbianus</i> 고니 | Class II / 201-1 |
| Charadriiformes 도요목 | Alcidae 바다오리과 | <i>Synthliboramphus wumizusume</i> 빨쇠오리 | Class II / 450 |
| Columbiformes 비둘기목 | Columbidae 비둘기과 | <i>Columba janthina</i> 흑비둘기 | Class II / 215 |
| | | <i>Columba rupestris</i> 양비둘기 | Class II / - |
| Falconiformes 매목 | Accipitridae 수리과 | <i>Accipiter gentilis</i> 참매 | Class II / 323-1 |
| | | <i>Accipiter gularis</i> 조롱이 | Class II / - |
| | | <i>Accipiter nisus</i> 새매 | Class II / 323-4 |
| | | <i>Accipiter soloensis</i> 붉은배새매 | Class II / 323-2 |
| | | <i>Milvus migrans</i> 솔개 | Class II / - |
| | Falconidae 매과 | <i>Pandion haliaetus</i> 물수리 | Class II / - |
| | | <i>Pernis ptilorhynchus</i> 별매 | Class II / - |
| | | <i>Falco peregrinus</i> 매 | Class I / 323-7 |
| | | <i>Falco subbuteo</i> 새호리기 | Class II / - |
| | | <i>Falco tinnunculus</i> 황조롱이 | - / 323-8 |
| Gruiformes 두루미목 | Gruidae 두루미과 | <i>Grus monacha</i> 흑두루미 | Class II / 228 |
| Passeriformes 참새목 | Emberizidae 멧새과 | <i>Emberiza aureola</i> 검은머리족새 | Class II / - |
| | | <i>Emberiza sulphurata</i> 무당새 | Class II / - |
| | Sylviidae 휘파람새과 | <i>Locustella pleskei</i> 섬개개비 | Class II / - |
| Strigiformes 올빼미목 | Strigidae 올빼미과 | <i>Asio otus</i> 철부엉이 | - / 324-5 |
| | | <i>Ninox scutulata</i> 솔부엉이 | - / 324-3 |
| | | <i>Otus sunia</i> 소쩍새 | - / 324-6 |
| | | <i>Strix aluco</i> 올빼미 | Class II / 324-1 |

¹⁾Endangered Species; ²⁾Natural Monument

for 77.78% of the species composition of the 180 listed fishes.

3-9. Birds

NIBR (2015) reported 183 avian species on Dokdo Island. This study newly added eight species through the reference searches (Supplementary Information 3). Through the survey of fauna and flora during the present two-year research period (2015–2016), 178 species were collected from Dokdo Island, of which only one species was reported for the first time. With the addition of nine avian species, a total of 192 are listed: 17 orders, 46 families, 102 genera, and 192 species (Table 12). The species composition of birds comprises 104 species of Passeriformes (54.17%), 28 of Charadriiformes (14.58%), and 13 of Falconiformes (6.77%), accounting for 75.52% of the species composition of the 192 listed species. Among them, one species belonged to the endangered wildlife class I, 17 to the class II, and 14 to natural monuments (Table 13).

3-10. Mammals

NIBR (2015) reported five mammalian species on Dok-

Table 14. Total number and classification of identified mammal species on Dokdo Island.

| Classification | Family | Genus | Species | Ratio (%) |
|----------------|--------|-------|---------|-----------|
| Carnivora 식육목 | 2 | 3 | 3 | 60.00 |
| Cetacea 고래목 | 1 | 1 | 1 | 20.00 |
| Rodentia 설치목 | 1 | 1 | 1 | 20.00 |
| Total | 4 | 5 | 5 | 100.00 |

do Island. This study did not find any additional species through the reference searches (Supplementary Information 3). Through the survey of Dokdo Island during the present two-year research period (2015–2016), two species were collected, and the field sightings were confirmed from Dokdo Island. Consequently, five species are listed in the species list of Dokdo Island, which includes 3 orders, 4 families, 5 genera, and 5 species (Table 14). *Zalophus japonicus* is designated as an endangered species of the ROK and an extinct (EX) species on the IUCN Red List and the Korean Red List. It was however lifted from having endangered status in the ROK (Table 15).

Table 15. List of endangered species and the Korean/IUCN Red List status for three mammal species of Dokdo Island.

| Order | Family | Species | ES ¹⁾ | KRL ²⁾ | IUCN ³⁾ | | | |
|-----------|----------|-----------|---------------------|----------------------------|--------------------|----------|---------------|------------|
| Carnivora | 식육목 | Otariidae | 바다사자과 | <i>Callorhinus ursinus</i> | 물개 | Class II | VU | Vulnerable |
| | | | | <i>Zalophus japonicus</i> | 바다사자 | – | EX | Extinct |
| | Phocidae | 물범과 | <i>Phoca largha</i> | 물범 | Class II | LC | Least concern | |

¹⁾Endangered species; ²⁾Korean Red List; ³⁾IUCN Red List

DISCUSSION

This study was conducted to establish a comprehensive synthetic inventory system for the biological resources in land and marine habitats of Dokdo Island over the past five years (2015–2019). Through this study, which was performed by a large research group with generous funding from NIBR, we found a total of 1,302 species and 185 unidentified species from Dokdo Island. Excluding the unidentified species, 558 out of 1,302 identified species are newly added to the list, which corresponds to 28.4% of the total number of species (= 1,963). This was estimated by adding the present result to the number of species (= 1,405) listed in NIBR (2015). In conclusion, the new inventory comprises 30 phyla, 76 classes, 252 orders, 698 families, 1,289 genera, and 1,963 species. This paper summarizes of ten subdivided taxonomic groups - microbes, microalgae, seaweeds, plants, protozoans, insects, marine invertebrates, fishes, birds, and mammals.

Since the results of the biota of Dokdo Island must be freely open and accessible to the general public and related researchers, voucher specimens of the species listed in the inventory were deposited at NIBR. In addition, the species list is accessible to the general public via the NIBR web system (<https://species.nibr.go.kr/index.do>). Two illustrated books were published, including selected illustrations or photos of 23 species of seaweeds, 50 of plants, 50 of insects, 108 of marine invertebrates, 19 of fishes, and 50 of birds (Hwang, 2021a; 2021b). We hope that these endeavors help raise positive interests and concerns about organisms inhabiting Dokdo Island for the general public.

The inventory system developed in this study includes scientific names reviewed and refined thoroughly and taxonomical recording history of each species, which may contain positive value in various aspects related to the biological resources of Dokdo Island. For example, such a high-quality inventory may be utilized as basic data to secure national biodiversity and to ensure the continued conservation and management of indigenous species. This enables researchers to find and manage the unique biota by comparing and reviewing the biodiversity of the Korean Peninsula, especially focusing on Dokdo Island. These actions are expected to play a key role in the management

of biological resources. In addition, the voucher specimens submitted to NIBR provide a taxonomic basis for the identification of species, as well as serve as biological materials for various studies. On the other hand, this Dokdo Island inventory will have great value because it can give primary significance to the synthesis of the sporadic and short-term species lists made before.

Species List of Dokdo Island

*Newly added species from Dokdo Island
by the present study

- PHYLUM ACTINOBACTERIA
 CLASS ACTINOBACTERIA
 ORDER MICROCOCCELES
 FAMILY INTRASPORANGIACEAE
 Genus *Phycococcus* Lee, 2006
Phycococcus dokdonensis Yoon *et al.*, 2008
 FAMILY MICROBACTERIACEAE
 Genus *Agromyces* Gledhill & Casida, 1969
Agromyces terreus Yoon *et al.*, 2008
 Genus *Microbacterium* Orla-Jensen, 1919
Microbacterium insulae Yoon *et al.*, 2009
 FAMILY MICROCOCCACEAE
 Genus *Arthrobacter* Conn & Dimmick, 1947
Arthrobacter arilaitensis Irlinger *et al.*, 2005*
Arthrobacter dokdonellae Koh *et al.*, 2019
Arthrobacter halophytocola Feng *et al.*, 2017*
Arthrobacter mysorens Nand & Rao, 1972*
 FAMILY PROMICROMONOSPORACEAE
 Genus *Cellulosimicrobium* Schumann *et al.*, 2001
Cellulosimicrobium terreum Yoon *et al.*, 2007
 Genus *Isopterocola* Stackebrandt *et al.*, 2004
Isopterocola dokdonensis Yoon *et al.*, 2006
 ORDER NAKAMURELLALES
 FAMILY NAKAMURELLACEAE
 Genus *Nakamurella* (Tao *et al.*) Kim *et al.*, 2012
Nakamurella flavida (Yoon *et al.*) Kim *et al.*, 2012
 ORDER PROPIONIBACTERIALES
 FAMILY NOCARDIOIDACEAE
 Genus *Nocardioides* Prauser, 1976
Nocardioides dokdonensis Park *et al.*, 2008
Nocardioides hankookensis Yoon *et al.*, 2008

- Nocardioides insulae* Yoon *et al.*, 2007
Nocardioides paucivorans Ahn *et al.*, 2014
Nocardioides terrigena Yoon *et al.*, 2007
 PHYLUM BACTEROIDETES
 CLASS BACTEROIDIA
 ORDER MARINILABILIALES
 FAMILY PROLIXIBACTERACEAE
 Genus *Sunxiuqinia* Qu *et al.*, 2011
Sunxiuqinia dokdonensis Chang *et al.*, 2013
 CLASS CYTOPHAGIA
 ORDER CYTOPHAGALES
 FAMILY CYCLOBACTERIACEAE
 Genus *Algoriphagus* (Bowman *et al.*) Kang *et al.*, 2013
Algoriphagus terrigena Yoon *et al.*, 2006
 CLASS FLAVOBACTERIIA
 ORDER FLAVOBACTERIALES
 FAMILY FLAVOBACTERIACEAE
 Genus *Croceitalea* (Lee *et al.*) Su *et al.*, 2017
Croceitalea dokdonensis (Lee *et al.*, 2008)
Croceitalea eckloniae Lee *et al.*, 2008
 Genus *Dokdonia* (Yoon *et al.*) Yoon *et al.*, 2012
Dokdonia donghaensis Yoon *et al.*, 2005
 Genus *Flagellimonas* (Bae *et al.*) Yoon & Oh, 2012
Flagellimonas eckloniae Bae *et al.*, 2007
 Genus *Flavobacterium* Bergey *et al.*, 1923
Flavobacterium soli Yoon *et al.*, 2006
Flavobacterium terrigena Yoon *et al.*, 2007
 Genus *Lutibacter* (Choi & Cho) Le Moine Bauer *et al.*, 2016
Lutibacter oricola Sung *et al.*, 2015
 Genus *Maribacter* (Nedashkovskaya *et al.*) Jackson *et al.*, 2015
Maribacter dokdonensis Yoon *et al.*, 2005
 Genus *Nonlabens* (Lau *et al.*) Yi & Chun, 2012
Nonlabens dokdonensis Yi & Chun, 2012
 Genus *Polaribacter* (Gosink *et al.*) Li *et al.*, 2014
Polaribacter dokdonensis Yoon *et al.*, 2006
 CLASS SPHINGOBACTERIIA
 ORDER SPHINGOBACTERIALES
 FAMILY SPHINGOBACTERIACEAE
 Genus *Pedobacter* (Steyn *et al.*) Du *et al.*, 2015
Pedobacter insulae Yoon *et al.*, 2007
Pedobacter lentus Yoon *et al.*, 2007
Pedobacter sandarakinus Yoon *et al.*, 2006
Pedobacter terrae Yoon *et al.*, 2007
Pedobacter terricola Yoon *et al.*, 2007
 PHYLUM FIRMICUTES
 CLASS BACILLI
 ORDER BACILLALES
 FAMILY BACILLACEAE
 Genus *Bacillus* Cohn, 1872
Bacillus zhangzhouensis Liu *et al.*, 2016*
 Genus *Virgibacillus* (Heyndrickx *et al.*) Heyrman *et al.*, 2003
Virgibacillus dokdonensis Yoon *et al.*, 2005
 FAMILY PAENIBACILLACEAE
 Genus *Paenibacillus* (Ash *et al.*) Huang *et al.*, 2017
Paenibacillus dongdonensis Son *et al.*, 2014
Paenibacillus seodonensis Kang *et al.*, 2018
 FAMILY PLANOCOCCACEAE
 Genus *Sporosarcina* (Kluyver & van Niel) Yoon *et al.*, 2001
Sporosarcina aquimarina Yoon *et al.*, 2001*
 FAMILY STAPHYLOCOCCACEAE
 Genus *Staphylococcus* Rosenbach, 1884
Staphylococcus sciuri (Kloos *et al.*) Madhaiyan *et al.*, 2020*
 PHYLUM PROTEOBACTERIA
 CLASS ALPHAPROTEOBACTERIA
 ORDER CAULOBACTERIALES
 FAMILY CAULOBACTERACEAE
 Genus *Brevundimonas* (Segers *et al.*) Abraham *et al.*, 1999
Brevundimonas lenta Yoon *et al.*, 2007
 ORDER RHIZOBIALES
 FAMILY HYPHOMICROBIACEAE
 Genus *Devosia* (Nakagawa *et al.*) Zhang *et al.*, 2012
Devosia insulae Yoon *et al.*, 2007
 ORDER RHODOBACTERIALES
 FAMILY RHODOBACTERACEAE
 Genus *Jannaschia* Wagner-Dobler *et al.*, 2003
Jannaschia donghaensis Yoon *et al.*, 2007
 Genus *Sulfitobacter* (Sorokin) Yoon *et al.*, 2007
Sulfitobacter donghicola Yoon *et al.*, 2007
 Genus *Yoonia* Wirth & Whitman, 2018
Yoonia maricola (Yoon *et al.*) Wirth and Whitman, 2018
 ORDER RHODOSPIRILLALES
 FAMILY ACETOBACTERACEAE
 Genus *Roseomonas* (Rihs *et al.*) Venkata Ramana *et al.*, 2010
Roseomonas terrae Yoon *et al.*, 2007
 ORDER SPHINGOMONADALES
 FAMILY ERYTHROBACTERACEAE
 Genus *Porphyrobacter* (Fuerst *et al.*) Coil *et al.*, 2015
Porphyrobacter dokdonensis Yoon *et al.*, 2006
 FAMILY SPHINGOMONADACEAE
 Genus *Sphingomonas* (Yabuuchi *et al.*) Feng *et al.*, 2017
Sphingomonas dokdonensis Yoon *et al.*, 2006
Sphingomonas insulae Yoon *et al.*, 2008
 CLASS BETAPROTEOBACTERIA
 ORDER BURKHOLDERIALES
 FAMILY BURKHOLDERIACEAE
 Genus *Paraburkholderia* (Sawana *et al.*) Dobritsa & Samadpour, 2016
Paraburkholderia denitrificans (Lee *et al.*, 2015)
Paraburkholderia dokdonella Jung *et al.*, 2018
 FAMILY COMAMONADACEAE

- Genus *Variovorax* Willems *et al.*, 1991
Variovorax dokdonensis Yoon *et al.*, 2006
 CLASS EPSILONPROTEOBACTERIA
 ORDER CAMPYLOBACTERALES
 FAMILY CAMPYLOBACTERACEAE
- Genus *Arcobacter* (Vandamme *et al.*) Pérez-Cataluña *et al.*, 2018
Arcobacter marinus Kim *et al.*, 2010
 CLASS GAMMAPROTEOBACTERIA
 ORDER AEROMONADALES
 FAMILY AEROMONADACEAE
- Genus *Zobellella* (Lin & Shieh) Yi *et al.*, 2011
Zobellella aerophila Yi *et al.*, 2011
 ORDER ALTEROMONADALES
 FAMILY ALTEROMONADACEAE
- Genus *Bowmanella* (Jean *et al.*) Lai *et al.*, 2009
Bowmanella dokdonensis Kim *et al.*, 2016
 FAMILY SHEWANELLACEAE
- Genus *Shewanella* MacDonell & Colwell, 1986
Shewanella dokdonensis Sung *et al.*, 2012
 ORDER ENTEROBACTERIALES
 FAMILY ENTEROBACTERIACEAE
- Genus *Leclercia* Tamura *et al.*, 1987
Leclercia adecarboxylata (Leclerc) Tamura *et al.*, 1987*
- Genus *Pantoea* (Gavini *et al.*) Brady *et al.*, 2010
Pantoea conspicua Brady *et al.*, 2010*
 FAMILY ERWINIACEAE
- Genus *Pantoea* (Gavini *et al.*) Brady *et al.*, 2010
Pantoea eucalypti Brady *et al.*, 2009*
 ORDER LYSOBACTERIALES
 FAMILY LYSOBACTERACEAE
- Genus *Lysobacter* Christensen & Cook, 1978
Lysobacter dokdonensis Oh *et al.*, 2011
- Genus *Pseudoxanthomonas* (Finkmann *et al.*) Lee *et al.*, 2008
Pseudoxanthomonas dokdonensis Lee *et al.*, 2008
 FAMILY RHODANOBACTERACEAE
- Genus *Dokdonella* (Yoon *et al.*) Li *et al.*, 2013
Dokdonella ginsengisoli Ten *et al.*, 2009
Dokdonella koreensis Yoon *et al.*, 2006
Dokdonella soli Yoon *et al.*, 2009
 ORDER OCEANOSPIRILLALES
 FAMILY OCEANOSPIRILLACEAE
- Genus *Marinomonas* (van Landschoot & De Ley) Espinosa *et al.*, 2010
Marinomonas dokdonensis Yoon *et al.*, 2005
 ORDER PSEUDOMONADALES
 FAMILY MORAXELLACEAE
- Genus *Acinetobacter* Brisou & Prevot, 1954
Acinetobacter pittii Nemec *et al.*, 2011*
 FAMILY PSEUDOMONADACEAE
- Genus *Pseudomonas* (Migula) Yang *et al.*, 2013
Pseudomonas koreensis Kwon *et al.*, 2003*
Pseudomonas segetis Park *et al.*, 2006
 ORDER SALINISPHAERALES
 FAMILY SALINISPHAERACEAE
- Genus *Salinisphaera* (Antunes *et al.*) Shimane *et al.*, 2013
Salinisphaera dokdonensis Bae *et al.*, 2010
 PHYLUM BACILLARIOPHYTA 구조식물문
 CLASS BACILLARIOPHYCEAE 옷돌말강
 ORDER ACHNANTHALES
 FAMILY ACHNANTHACEAE 땅콩돌말과
- Genus *Achnanthes* Bory, 1822 땅콩돌말속
Achnanthes longipes Agardh, 1824
 FAMILY COCCONEIDACEAE 작은공돌말과
- Genus *Cocconeis* Ehrenberg, 1838 날알돌말속
Cocconeis scutellum Ehrenberg, 1836
 ORDER BACILLARIALES 옷돌말목
 FAMILY BACILLARIACEAE 옷돌말과
- Genus *Cylindrotheca* Rabenhorst, 1859 봉침돌말속
Cylindrotheca closterium (Ehrenberg) Reimann & Lewin, 1964
- Genus *Pseudonitzschia* H. Peragallo, 1900
 사슬등침돌말속
Pseudonitzschia pungens (Grunow) Hasle, 1993
 ORDER THALASSIONEMATALES
 FAMILY THALASSIONEMATACEAE
 부채돌말과
- Genus *Thalassionema* Grunow ex Mereschkowsky, 1902
 부채살돌말속
Thalassionema frauenfeldii (Grunow) Hallegraeff, 1986
Thalassionema nitzschioides (Grunow) Mereschkowsky, 1902
- Genus *Thalassiothrix* Cleve & Grunow, 1880 장대돌말속
Thalassiothrix longissima Cleve & Grunow, 1880
 CLASS COSCINODISCOPHYCEAE 체돌말강
 ORDER COSCINODISCALES
 FAMILY COSCINODISCACEAE 체돌말과
- Genus *Coscinodiscus* Ehrenberg, 1844 체돌말속
Coscinodiscus rothii (Ehrenberg) Grunow, 1878
 FAMILY HELIOPELTACEAE 요철판돌말과
- Genus *Actinoptychus* Ehrenberg, 1843 너울돌말속
Actinoptychus senarius (Ehrenberg) Ehrenberg, 1843
 ORDER RHIZOSOLENIALES 관돌말목
 FAMILY RHIZOSOLENIACEAE 관돌말과
- Genus *Dactyliosolen* Castracane, 1886 꺾질돌말속
Dactyliosolen fragilissimus (Bergon) Hasle, 1996
- Genus *Guinardia* H. Peragallo, 1892 깡통돌말속
Guinardia flaccida (Castracane) H. Peragallo, 1892
Guinardia striata (Stolterfoth) Hasle, 1996
- Genus *Pseudosolenia* Sundström, 1986 헛관돌말속
Pseudosolenia calcar-avis (Schultze) Sundström, 1986
- Genus *Rhizosolenia* Brightwell, 1858 관돌말속

- Rhizosolenia hebetata* J.W. Bailey, 1856
Rhizosolenia imbricata Brightwell, 1858
Rhizosolenia setigera Brightwell, 1858
 CLASS MEDIOPHYCEAE
 ORDER CHAETOCEROTALES
 FAMILY CHAETOCERACEAE 센털돌말과
 Genus *Bacteriastrum* Shadbolt, 1854 털돌말속
Bacteriastrum delicatulum Cleve, 1897
Bacteriastrum elongatum Cleve, 1897
Bacteriastrum varians Lauder, 1864
 Genus *Chaetoceros* Ehrenberg, 1844 센털돌말속
Chaetoceros affinis Lauder, 1864
Chaetoceros compressus Lauder, 1864
Chaetoceros decipiens Cleve, 1873
Chaetoceros didymus Ehrenberg, 1845
Chaetoceros lorenzianus Grunow, 1863
 FAMILY HEMIAULACEAE 쇠뿔돌말과
 Genus *Climacodium* Grunow, 1868 물매돌말속
Climacodium frauenfeldianum Grunow, 1868
 Genus *Eucampia* Ehrenberg, 1839 타래돌말속
Eucampia zodiacus Ehrenberg, 1840
 Genus *Hemiaulus* Heiberg, 1863
Hemiaulus membranaceus Cleve, 1873
 ORDER THALASSIOSIRALES
 FAMILY THALASSIOSIRACEAE 끈원반돌말과
 Genus *Thalassiosira* Cleve, 1873 끈원반돌말속
Thalassiosira angustilineata (A. Schmidt)
 G. Fryxell & Hasle, 1977
Thalassiosira eccentrica (Ehrenberg) Cleve, 1972
 PHYLUM DINOPHYTA 와편모조식물문
 CLASS DINOPHYCEAE 와편모조강
 ORDER GYMNODINIALES
 FAMILY GYMNODINIACEAE
 Genus *Amphidinium* Claperede & Lachmann, 1859
Amphidinium crassum Lohmann, 1908
 ORDER GONYAULACALES
 FAMILY CERATIACEAE
 Genus *Tripes* Bory, 1823
Tripes furca (Ehrenberg) Gómez, 2013
Tripes setaceus (Jørgesen) Gómez, 2013
 FAMILY GONYAULACACEAE
 Genus *Gonyaulax* Diesing, 1866
Gonyaulax spinifera Murray & Whitting, 1899
 ORDER PERIDINIALES
 FAMILY PROTOPERIDINIACEAE
 Genus *Protoperidinium* Bergh, 1882
Protoperidinium depressum (Bailey) Balech, 1974
Protoperidinium pyriforme (Paulsen) Balech, 1974
 FAMILY THORACOSPHAERACEAE
 Genus *Scrippsiella* Balech ex A.R. Loeblich III, 1965
Scrippsiella trochoidea (Stein) Loeblich III, 1976
 ORDER PROROCENTRALES
 FAMILY PROROCENTRACEAE
 Genus *Prorocentrum* J.D. Dodge, 1975
Prorocentrum minimum (Pavillard) J. Schiller, 1933
Prorocentrum triestinum Schiller, 1914
 CLASS NOCTILUCEA
 ORDER NOCTILUCALES
 FAMILY NOCTILUCADEAE
 Genus *Noctiluca* Suriray, 1836
Noctiluca scintillans Kofoid & Swezy, 1921
 PHYLUM OCHROPHYTA 대롱편모조식물문
 CLASS CHRYSOPHYCEAE 규질편모조강
 ORDER DICTYOCHALES 무색규질편모조목
 FAMILY DICTYOCHACEAE
 Genus *Dictyocha* Ehrenberg, 1837
Dictyocha fibula Ehrenberg, 1839
 Genus *Distephanus* E. Stohr, 1880
Distephanus speculum (Ehrenberg) Haeckel, 1887
 CLASS PHAEOPHYCEAE 갈조강
 ORDER CUTLERIALES 채찍말목
 FAMILY CUTLERIACEAE 채찍말과
 Genus *Cutleria* Greville, 1830 채찍말속
Cutleria adpersa (Mertens & Roth) De Notaris,
 1842 겹부채채찍말
 Genus *Mutimo* H. Kawai & T. Kitayama, 2012
 회초리말속
Mutimo cylindricus H. Kawai & T. Kitayama, 2012
 회초리말*
 ORDER DESMARESTIALES 산말목
 FAMILY DESMARESTIACEAE 산말과
 Genus *Desmarestia* J.V. Lamouroux, 1813 산말속
Desmarestia ligulata (Stackhouse) J.V. Lamouroux,
 1813 참산말
Desmarestia tabacoides Okamura, 1908 담배잎산말
Desmarestia viridis (O.F. Müller) J.V. Lamouroux,
 1813 쇠꼬리산말
 ORDER DICTYOTALES 그물바탕말목
 FAMILY DICTYOTACEAE 그물바탕말과
 Genus *Canistrocarpus* De Paula & De Clerck, 2006
 노루뿔그물바탕말속
Canistrocarpus cervicornis (Kützing) De Paula &
 De Clerck, 2006 노루뿔그물바탕말
 Genus *Dictyopteris* Lamouroux, 1809 뼈대그물말속
Dictyopteris divaricata (Okamura) Okamura, 1932
 미끈뼈대그물말
Dictyopteris latiuscula (Okamura) Okamura, 1932
 넓은뼈대그물말
Dictyopteris pacifica (Yendo) Hwang & Lee, 2004
 참가시그물바탕말
Dictyopteris prolifera (Okamura) Okamura, 1930
 가시뼈대그물말
Dictyopteris undulata Holmes, 1896
 주름뼈대그물말
 Genus *Dictyota* Lamouroux, 1809 그물바탕말속
Dictyota ciliolata Sonder & Kützing, 1859
 큰그물바탕말
Dictyota coriacea (Holmes) I.K. Hwang, H.-S. Kim

- & W.J. Lee, 2004 참가죽그물바탕말
Dictyota dichotoma (Hudson) Lamouroux, 1809
 그물바탕말*
Dictyota friabilis Setchell, 1926 기는그물바탕말
Dictyota linearis (C. Agardh) Greville, 1830
 실그물바탕말
 Genus *Distromium* Levring, 1940 두켜부채속
Distromium decumbens (Okamura) Levring, 1940
 두켜부채
 Genus *Padina* Adanson, 1763 부챗말속
Padina arborescens Holmes, 1896 부챗말
Padina gymnospora (Kützinger) Sonder, 1871
 분부챗말
Padina japonica Yamada, 1931 엷은부챗말*
Padina minor Yamada, 1925 애기부챗말*
 Genus *Rugulopteryx* De Clerck & Coppejans, 2006
 개그물바탕말속
Rugulopteryx okamurae (Dawson) Hwang *et al.*,
 2009 개그물바탕말
 Genus *Spatoglossum* Kützinger, 1843 가시그물바탕말속
Spatoglossum crassum J. Tanaka, 1991
 황색가시그물바탕말
 Genus *Zonaria* C. Agardh, 1817 반주름말속
Zonaria diesingiana J. Agardh, 1841 반주름말
 ORDER ECTOCARPALES 솜털목
 FAMILY ACINETOSPORACEAE 솜말과
 Genus *Acinetospora* Bornet, 1892 솜말속
Acinetospora crinita (Carmichael) Sauvageau, 1899
 솜말
 Genus *Feldmannia* Hamel, 1939 줌솜털속
Feldmannia globifera (Kützinger) G. Hamel, 1939
 구슬줌솜털
Feldmannia irregularis (Kützinger) G. Hamel, 1939
 민줌솜털
Feldmannia mitchelliae (Harvey) Kim, 2010
 미첼줌솜털
 FAMILY CHORDARIACEAE 민가지말과
 Genus *Chordaria* C. Agardh, 1817
Chordaria flagelliformis (O.F. Müller) C. Agardh,
 1817 민가지말*
 Genus *Cladosiphon* Kützinger, 1843 미끌큰실말속
Cladosiphon umezakii Ajsaka *et al.*, 2007
 미끌큰실말
 Genus *Elachista* Duby, 1830 모자반털속
Elachista nigra Takamatsu, 1938 곤지모자반털
 Genus *Halothrix* Reinke, 1888 반지털속
Halothrix ambigua Yamada, 1928 더부살이반지털
 Genus *Leathesia* Gray, 1821 바위두둑속
Leathesia marina (Lyngbye) Decaisne, 1842
 바위두둑
 Genus *Nemacystus* Derbès & Solier, 1850 미끈가지속
Nemacystus decipiens (Suringar) Kuckuck, 1929
 미끈가지
 Genus *Papenfussiella* Kylin, 1940 연두털말속
Papenfussiella kuromo (Yendo) Inagaki, 1958
 연두털말
 Genus *Sauvageaugloia* Hamel ex Kylin, 1940
 대롱부푼말속
Sauvageaugloia ikomae (Narita) Inagaki, 1954
 대롱부푼말
 Genus *Sphaerotrichia* Kylin, 1940 잔가지말속
Sphaerotrichia firma (E.S. Gepp) A.D. Zinova,
 1958 잔가지말
 Genus *Tinocladia* Kylin, 1940 부푼말속
Tinocladia crassa (Suringar) Kylin, 1940 부푼말
 FAMILY ECTOCARPACEAE 솜털과
 Genus *Ectocarpus* Lyngbye, 1819 솜털속
Ectocarpus arctus Setchell & N.L. Gardner, 1922
 납작솜털
Ectocarpus corticulatus De A. Saunders, 1898
 센솜털
Ectocarpus siliculosus (Dillwyn) Lyngbye, 1819
 참솜털
 FAMILY PETROSPONGIACEAE 바위주름과
 Genus *Petrospongium* Nägeli ex Kützinger, 1858
 바위주름속
Petrospongium rugosum (Okamura) Setchell &
 Gardner, 1924 바위주름
 FAMILY SCYTOSIPHONACEAE 고리매과
 Genus *Colpomenia* (Endlicher) Derbès & Solier, 1851
 불레기말속
Colpomenia bullosa (D.A. Saunders) Yamada,
 1948 긴불레기말
Colpomenia expansa (D.A. Saunders) Y.P. Lee,
 2008 다실불레기말
Colpomenia peregrina Sauvageau, 1927
 반질불레기말
Colpomenia sinuosa (Mertens & Roth) Derbès &
 Solier, 1851 불레기말
Colpomenia tuberculata D.A. Saunders, 1898
 혹불레기말*
 Genus *Hydroclathrus* Bory, 1825 그물바구니속
Hydroclathrus clathratus (C. Agardh) Howe, 1920
 그물바구니
 Genus *Myelophycus* Kjellman, 1893 바위수염속
Myelophycus simplex (Harvey) Papenfuss, 1967
 바위수염
 Genus *Petalonia* Derbès & Solier, 1850 미역쇠속
Petalonia binghamiae (J. Agardh) Vinogradova,
 1973 미역쇠
Petalonia fascia (Müller) Kuntze, 1898 개미역쇠
 Genus *Planosiphon* McDevit & G.W. Saunders, 2017
Planosiphon zosterifolius (Reinke) McDevit &
 G.W. Saunders, 2017 미역실
 Genus *Scytosiphon* C. Agardh, 1820 고리매속
Scytosiphon lomentaria (Lyngbye) Link, 1833 잘
 록이고리매
 ORDER FUCALES 말목

- FAMILY SARGASSACEAE 모자반과
Genus *Myagropsis* Kützing, 1843 외톨개모자반속
Myagropsis myagroides (Mertens & Turner) Fensholt, 1955 외톨개모자반
Genus *Sargassum* C. Agardh, 1820 모자반속
Sargassum confusum C. Agardh, 1824 알송이모자반
Sargassum coreanum J. Agardh, 1889 큰잎모자반
Sargassum fulvellum (Turner) C. Agardh, 1820 모자반
Sargassum fusiforme (Harvey) Setchell, 1931 툯
Sargassum hemiphylum (Turner) C. Agardh, 1820 짝잎모자반
Sargassum horneri (Turner) C. Agardh, 1820 팽생이모자반
Sargassum macrocarpum C. Agardh, 1820 큰열매모자반
Sargassum miyabei Yendo, 1907 미아베모자반
Sargassum nigrifolium Yendo, 1907 검등모자반
Sargassum nipponicum Yendo, 1907 꼬마모자반
Sargassum pallidum (Turner) C. Agardh, 1820 큰잎알송이모자반
Sargassum patens C. Agardh, 1820 쌍발이모자반
Sargassum piluliferum (Turner) C. Agardh, 1820 구슬모자반
Sargassum pinnatifidum Harvey, 1860 갈래잎모자반*
Sargassum sagamianum Yendo, 1907 비틀대모자반
Sargassum serratifolium (C. Agardh) C. Agardh, 1820 톱니모자반
Sargassum siliquastrum (Mertens & Turner) C. Agardh, 1820 파배기모자반
Sargassum thunbergii (Mertens & Roth) Kuntze, 1880 지층이
Sargassum yendoi Okamura & Yamada, 1938 엔도오모자반
Sargassum yezoense (Yamada) Yoshida & T. Konno, 1983 왜모자반
ORDER LAMINARIALES 다시마목
FAMILY ALARIACEAE 나래미역과
Genus *Undaria* Suringar, 1873 미역속
Undaria pinnatifida (Harvey) Suringar, 1873 미역
FAMILY COSTARIACEAE 쇠미역과
Genus *Agarum* Bory, 1826 구멍쇠미역속
Agarum clathratum subsp. *yakishiriense* Yamada, 2011 구멍쇠미역*
FAMILY LAMINARIACEAE 다시마과
Genus *Saccharina* Stackhouse, 1809
Saccharina sculpera Lane et al., 2006 개다시마
FAMILY LESSONIACEAE 감태과
Genus *Ecklonia* Hornemann, 1828 감태속
Ecklonia cava Kjellman, 1885 감태
Ecklonia kurome Okamura, 1927 검등감태
Ecklonia stolonifera Okamura, 1913 곰피
Genus *Eisenia* Areschoug, 1876 대황속
Eisenia bicyclis (Kjellman) Setchell, 1905 대황
ORDER RALFSIALES 바위딱지목
FAMILY NEORALFSIACEAE 새바위딱지과
Genus *Neoralfsia* P.E. Lim & H. Kawai, 2007 새바위딱지속
Neoralfsia expansa (J. Agardh) P.E. Lim & H. Kawai, 2012 먹돌새바위딱지
FAMILY RALFSIACEAE 바위딱지과
Genus *Ralfsia* Berkeley, 1843 바위딱지속
Ralfsia verrucosa (Areschoug) Areschoug, 1845 바위딱지
ORDER SPHACELARIALES 갯쇠털목
FAMILY SPHACELARIACEAE 갯쇠털과
Genus *Sphacelaria* Lyngbye, 1818 갯쇠털속
Sphacelaria californica (Sauvageau) Setchell & Gardner, 1925 굵은갯쇠털
Sphacelaria didichotoma Saunders, 1898 누은갯쇠털*
Sphacelaria fusca C. Agardh (Hudson) S. Gray, 1821 세가닥갯쇠털
Sphacelaria rigidula Kützing, 1843 가위갯쇠털
Sphacelaria yamadae Segawa, 1941 야마다갯쇠털
FAMILY STYPOCAULACEAE 물잔털과
Genus *Halopteris* Kützing, 1843 바다깃꼴속
Halopteris filicina (Grateloup) Kützing, 1843 바다깃꼴
ORDER SPOROCHNALES 털비말목
FAMILY SPOROCHNACEAE 털비말과
Genus *Carpomitra* Kützing, 1843 의관말속
Carpomitra costata (Stackhouse) Batters, 1902 줄의관말
Genus *Sporochnus* C. Agardh, 1817 털비말속
Sporochnus moorei Harvey, 1858 무어털비말
Sporochnus radiformis (R. Brown ex Turner) C. Agardh, 1817 털비말
PHYLUM CHLOROPHYTA 녹조식물문
CLASS PALMOPHYLLOPHYCEAE
ORDER PALMOPHYLLALES
FAMILY PALMOPHYLLACEAE
Genus *Palmophyllum* Kützing, 1847
Palmophyllum crassum (Naccari) Rabenhorst, 1868 초록방석말*
CLASS ULVOPHYCEAE 갈파래강
ORDER BRYOPSIDALES 깃털말목
FAMILY BRYOPSIDACEAE 깃털말과
Genus *Bryopsis* Lamouroux, 1809 깃털말속
Bryopsis caespitosa Suhr ex Kützing, 1849 가시깃털말
Bryopsis corymbosa J. Agardh, 1842 술깃털말
Bryopsis hypnoides Lamouroux, 1809 이끼깃털말
Bryopsis plumosa (Hudson) C. Agardh, 1823 참깃털말

- Bryopsis ryukyuensis* Yamada, 1934 류큐깃털말
FAMILY CAULERPACEAE 옥덩굴과
Genus *Caulerpa* Lamouroux, 1809 옥덩굴속
Caulerpa geminata Harvey, 1855 두줄옥덩굴
Caulerpa okamurae Weber van Bosse, 1897
옥덩굴
FAMILY CODIACEAE 청각과
Genus *Codium* Stackhouse, 1797 청각속
Codium arabicum Kützing, 1856 떡청각
Codium coactum Okamura, 1902 누운청각
Codium fragile (Suringar) Hariot, 1889 청각
Codium hubbsii Dawson, 1950 방석청각
Codium subtubulosum Okamura, 1902 말청각
Codium tenuifolium S. Shimada, T. Tadano &
J. Tanaka, 2007 우단청각
FAMILY DERBESIAEACEAE 영킨실과
Genus *Derbesia* Solier, 1846 영킨실속
Derbesia marina (Lyngbye) Solier, 1846
초록영킨실
ORDER CLADOPHORALES 대마디말목
FAMILY CLADOPHORACEAE 대마디말과
Genus *Chaetomorpha* Kützing, 1845 염주말속
Chaetomorpha crassa (C. Agardh) Kützing, 1845
굵은염주말
Chaetomorpha linum (Müller) Kützing, 1845
실염주말
Chaetomorpha moniligera Kjellman, 1897
염주말
Chaetomorpha spiralis Okamura, 1903
나선염주말
Genus *Cladophora* Kützing, 1843 대마디말속
Cladophora albida (Nees) Kützing, 1843
솜대마디말
Cladophora dotyana W.J. Gilbert, 1965
낮대마디말
Cladophora japonica var. *kajimurae* C. Hoek &
M. Chihara, 2000 큰대마디말
Cladophora oligoclada Harvey, 1860
작은가지대마디말
Cladophora opaca Sakai, 1964 흐린대마디말
Cladophora rupestris (Linnaeus) Kützing, 1843
바위대마디말
Cladophora sakaii Abbott, 1972 사카이대마디말
Cladophora sericea (Hudson) Kützing, 1843
덤불대마디말*
Cladophora vagabunda (Linnaeus) Hoek, 1963
송이가지대마디말
ORDER ULOTRICHIALES 초록실목
FAMILY ULOTRICHACEAE 초록실과
Genus *Ulothrix* Kützing, 1843 초록실속
Ulothrix flacca (Dillwyn) Thuret, 1863 초록실
ORDER ULVALES 갈파래목
FAMILY KORNMANNIACEAE 홉파래사촌과
Genus *Blidingia* Kylin, 1947 애기파래속
Blidingia minima (Nägeli) Kylin, 1947 애기파래
FAMILY ULVACEAE 갈파래과
Genus *Ulva* Linnaeus, 1753 갈파래속
Ulva australis Areschoug, 1854 구멍갈파래
Ulva clathrata (Roth) C. Agardh, 1811 격자파래
Ulva compressa Linnaeus, 1753 납작파래
Ulva intestinalis Linnaeus, 1753 창자파래
Ulva lactuca Linnaeus, 1753 참갈파래
Ulva linza Linnaeus, 1753 잎파래
Ulva taeniata (Setchell) Setchell & Gardner, 1920
댕기갈파래
Genus *Umbraulva* Bae & Lee, 2001
Umbraulva japonica (Tanaka) E.H. Bae &
I.K. Lee, 2001 초록갈파래
PHYLUM RHODOPHYTA 홍조식물문
CLASS BANGIOPHYCEAE 김파래홍조강
ORDER BANGIALES 김파래목
FAMILY BANGIACEAE 김파래과
Genus *Bangia* Lyngbye, 1819 김파래속
Bangia atropurpurea (Roth) C. Agardh, 1824
김파래
Genus *Pyropia* J. Agardh, 1899 김속, 돌김속
Pyropia dentata N. Kikuchi & M. Miyata, 2011
잇바디돌김
Pyropia pseudolinearis N. Kikuchi, M. Miyata,
M.S. Hwang & H.G. Choi, 2011 긴잎돌김
Pyropia yezoensis M.S. Hwang & H.G. Choi, 2011
방사무늬돌김
CLASS COMPSOPOGONOPHYCEAE 붉은털홍조강
ORDER ERYTHROPELTIDALES 붉은털목
FAMILY ERYTHROTRICHIACEAE 붉은털과
Genus *Erythrotrichia* Areschoug, 1850 붉은털속
Erythrotrichia carnea J. Agardh, 1883 붉은털
Erythrotrichia reflexa Thuret ex De Toni, 1897
굵은붉은털
Genus *Porphyrostromium* Trevisan, 1848 넓은붉은털속
Porphyrostromium japonica Tokida, 1938
넓은붉은털
Genus *Sahlingia* Kornmann, 1989 갯불꽃사촌속
Sahlingia subintegra (Rosenvinge) Kornmann,
1989 갯불꽃사촌
CLASS FLORIDEOPHYCEAE 진정홍조강
SUBCLASS CORALLINOPHYCIDAE
산호말홍조아강
ORDER CORALLINALES 산호말목
FAMILY CORALLINACEAE 산호말과
Genus *Alatocladia* (Yendo) Johansen, 1969
화살깃산호말속
Alatocladia modesta (Yendo) Johansen, 1969
참화살깃산호말
Genus *Corallina* Linnaeus, 1758 산호말속
Corallina aberrans K. Hind & G.W. Saunders,
2013 방향흑산호말
Corallina confuse Yendo, 1902 비늘산호말

- Corallina crassisima* (Yendo) Hind & Saunders, 2013 돌레혹산호말
Corallina officinalis Linnaeus, 1758 참산호말
Corallina pilulifera Postels & Ruprecht, 1840 작은구슬산호말
 Genus *Ellisolandia* K.R. Hind & G.W. Saunders, 2013 긴가지산호말속
Ellisolandia elongate K.R. Hind & G.W. Saunders, 2013 긴가지산호말
 Genus *Jania* Lamouroux, 1812 애기산호말속
Jania adhaerens Lamouroux, 1816 덩이애기산호말
Jania arborescens (Yendo) Yendo, 1905 나무꼴애기산호말
Jania radiata Yendo, 1905 부채꼴애기산호말
Jania rubens Lamouroux, 1816 붉은애기산호말
Jania ungulata (Yendo) Yendo, 1905 발굽애기산호말
Jania yenoshimensis (Yendo) Yendo, 1905 잔가지애기산호말
 Genus *Pachyarthron* Manza, 1937 마디말속
Pachyarthron cretaceum (Postels & Ruprecht) Manza, 1937 굵은마디말
 Genus *Pneophyllum* Kützing, 1843 비늘말속
Pneophyllum zostericola Kloczcova, 1987 잘피껍데기
 FAMILY HYDROLITHACEAE
 Genus *Hydrolithon* (Foslie) Foslie, 1909 가시돌잎속
Hydrolithon sargassi (Foslie) Chamberlain, 1994 모자반껍데기
 FAMILY LITHOPHYLLACEAE
 Genus *Amphiroa* Lamouroux, 1812 게발속
Amphiroa anceps (Lamarck) Decaisne, 1842 넓은게발
Amphiroa beauvoisii Lamouroux, 1816 고리마디게발
Amphiroa ephedraea (Lamarck) Decaisne, 1842 에페드라게발
Amphiroa foliacea J.V. Lamouroux, 1824 눈썹마디게발
Amphiroa misakiensis Yendo, 1902 난장이게발
Amphiroa pusilla Yendo, 1902 애기게발
Amphiroa zonalis H.-G. Choi & I.K. Lee, 1989 송이고리마디게발
 Genus *Lithophyllum* Philippi, 1837 혹돌잎속
Lithophyllum dispar Foslie, 1909 짝자기혹돌잎
Lithophyllum incrustans Philippi, 1837
Lithophyllum okamurae Foslie, 1900 혹돌잎
Lithophyllum tumidulum Foslie, 1901 텃우무혹돌잎
Lithophyllum yessoense Foslie, 1909 왜혹돌잎
 FAMILY MELOBESACEAE 쪽과
 Genus *Mesophyllum* Lemoine, 1928 돌나무쪽속
Mesophyllum crassiusculum P.A. Lebednik, 2004 잔가지돌나무쪽
 ORDER HAPALIDIALES
 FAMILY HAPALIDIACEAE
 Genus *Synarthrophyton* R.A. Townsend, 1979 낭과쪽속
Synarthrophyton chejuensis J.H. Kim, H. Chung, D.S. Choi & I.K. Lee, 2004 낭과쪽
 SUBCLASS HILDENBRANDIOPHYCIAE
 분홍딱지홍조아강
 ORDER HILDENBRANDIALES 분홍딱지목
 FAMILY HILDENBRANDIACEAE 분홍딱지과
 Genus *Hildenbrandia* Nardo, 1834 분홍딱지속
Hildenbrandia crouaniorum J. Agardh, 1851 크로양분홍딱지
Hildenbrandia dawsonii (Ardre) Hollenberg, 1971 연골분홍딱지
Hildenbrandia rubra (Sommerfelt) Meneghini, 1841 진분홍딱지
 SUBCLASS NEMALIOPHYCIDAE
 국수나물홍조아강
 ORDER ACROCHAETIALES 붉은솜목
 FAMILY ACROCHAETIACEAE 붉은솜과
 Genus *Acrochaetium* Nägeli, 1858 붉은솜속
Acrochaetium radiatum C. Jao, 1936 붉은솜
 ORDER COLACONEMATALES 홍다발솔목
 FAMILY COLACONEMATACEAE 홍다발솔과
 Genus *Colaconema* Batters, 1896 홍다발솔속
Colaconema codii (Hamel) Hwang & Kim, 2011 큰홍다발솔
Colaconema daviesii (Dillwyn) Stegenga, 1985 송이홍다발솔
Colaconema infestans (Howe & Hoyt) Woelkerling, 1973 해면홍다발솔
 ORDER NEMALIALES 국수나물목
 FAMILY GALAXAURACEAE 가위손말과
 Genus *Actinotrichia* Decaisne, 1842 방사털속
Actinotrichia fragilis (Forsskål) Børgesen, 1932 고리방사털
 Genus *Dichotomaria* Lamarck, 1816 두가닥바닷말속
Dichotomaria apiculata (Kjellman) Kurihara & Masuda, 2005 뽕족두가닥바닷말
Dichotomaria falcata (Kjellman) Kurihara & Masuda, 2005 여린두가닥바닷말
 FAMILY LIAGORACEAE 분홍국수말과
 Genus *Helminthocladia* J. Agardh, 1851 가지국수나물속
Helminthocladia australis Harvey, 1863 큰가지국수나물
 Genus *Liagora* Lamouroux, 1812 분홍국수말속
Liagora japonica Yamada, 1938 외분홍국수말
 Genus *Nemalion* Duby, 1830 국수나물속
Nemalion vermiculare Suringar, 1874 참국수나물
 Genus *Trichogloea* Kützing, 1847 새우나물속
Trichogloea requienii (Montagne) Kützing, 1847 새우나물

FAMILY SCINAIACEAE 호늘풀과
 Genus *Scinaia* Bivona-Bernardi, 1822 호늘풀속
Scinaia japonica Setchell, 1914 외호늘풀
Scinaia okamurae Huisman, 1985 매끈호늘풀
Scinaia tokidae Kajimura, 1988 탕건호늘풀*
 SUBCLASS RHODYMENIOPHYCIDAE
 분홍치홍조아강
 ORDER ACROSYMPHYTALES 납작풀목
 FAMILY ACROSYMPHYTACEAE 납작풀과
 Genus *Schimmelmannia* Schousboe ex Kützing, 1849
 납작풀속
Schimmelmannia plumosa (Setchell) Abbott,
 1961 깃털납작풀
 ORDER BONNEMAISONIALES 갈고리풀목
 FAMILY BONNEMAISONIACEAE
 갈고리풀과
 Genus *Asparagopsis* Montagne, 1840 여우꼬리말속
Asparagopsis taxiformis (Delile) Trevisan, 1845
 바다고리풀
 Genus *Bonnemaisonia* C. Agardh, 1822 갈고리풀속
Bonnemaisonia hamifera Hariot, 1891 참갈고리풀
 ORDER CERAMIALES 비단풀목
 FAMILY CALLITHAMNIONIACEAE 외깃풀과
 Genus *Aglaothamnion* Feldman-Mazoyer, 1941 엇깃풀속
Aglaothamnion callophyllidicola (Yamada) Boo,
 Lee, Rueness & Yoshida, 1991 엇깃풀
 Genus *Callithamnion* Lyngbye, 1819 외깃풀속
Callithamnion corymbosum Lyngbye, 1819
 술외깃풀
 Genus *Crouania* J. Agardh, 1842 자루풀속
Crouania attenuate J. Agardh, 1842 헛가지자루풀
 FAMILY CERAMIACEAE 비단풀과
 Genus *Antithamnion* Nägeli, 1847 참깃풀속
Antithamnion aglandum Kim & Lee, 1996
 제주참깃풀
Antithamnion callocladum Itono, 1971
 거북손참깃풀
Antithamnion cristirhizophorum Tokida & Inaba,
 1950 양가지참깃풀
Antithamnion densum (Suhr) M.A. Howe, 1914
 윗가지참깃풀
Antithamnion nipponicum Yamada & Inagaki,
 1935 참깃풀
Antithamnion okiense Kajimura, 1987
 조막손참깃풀
 Genus *Balliella* Itono & T. Tanaka, 1973 덩불분홍풀속
Balliella subcorticata Itono & T. Tanaka, 1973
 덩불분홍풀
 Genus *Campylaephora* J. Agardh, 1851 석목속
Campylaephora crassa (Okamura) Nakamura, 1950
 굵은석목
 Genus *Centroceras* Kützing, 1841 가시풀속
Centroceras gasparrinii Kützing, 1849 가시풀
 Genus *Ceramium* Roth, 1797 비단풀속

Ceramium aduncum Nakamura, 1950 고리비단풀
Ceramium affine Setchell & Gardner, 1930
 나도비단풀
Ceramium boydenii Gepp, 1904 단박
Ceramium cimbricum Petersen, 1924 술비단풀
Ceramium codii (Richards) Mazoyer, 1938
 청각비단풀
Ceramium japonicum Okamura, 1896 깃털비단풀
Ceramium kondoi Yendo, 1920 비단풀
Ceramium paniculatum Okamura, 1921
 바늘비단풀
Ceramium tenerrimum (Martens) Okamura, 1921
 털비단풀
 Genus *Gayliella* T.O. Cho, L.J. McIvor & S.M. Boo,
 2008 명주비단풀속
Gayliella mazoyerae T.O. Cho, Fredericq &
 Hommersand, 2008 명주비단풀
 Genus *Herpochondria* Falkenberg, 1897 잇바디가지속
Herpochondria dentata Itono, 1977 잇바디가지
Herpochondria elegans (Okamura) Itono, 1977
 각시잇바디가지
 Genus *Pterothamnion* Nägeli, 1855 날개깃말속
Pterothamnion intermedium (Tokida) Athanasiadis
 & Kraft, 1994 네날개깃말
Pterothamnion plumula (Ellis) Nägeli, 1855
Pterothamnion yezoense (Inagaki) Athanasiadis
 & Kraft, 1994 날개깃말
 Genus *Reinboldiella* De Toni, 1895 얼룩이속
Reinboldiella schmitziana (Reinbold) De Toni,
 1895 애기얼룩이
 FAMILY DASYACEAE 다홍풀과
 Genus *Dasya* C. Agardh, 1824 다홍풀속
Dasya collabens Hooker & Harvey, 1845
 깃가지다홍풀
Dasya scoparia Harvey ex J. Agardh, 1841
 빛자루다홍풀
Dasya sessilis Yamada, 1928 민자루다홍풀
Dasya villosa Harvey, 1844 털가지다홍풀
 Genus *Dasysiphonia* I. Lee & West, 1980 분홍풀속
Dasysiphonia chejuensis Lee & West, 1980
 제주분홍풀
Dasysiphonia japonica (Yendo) Kim, 2012
 엇가지분홍풀
 Genus *Heterosiphonia* Montagne, 1842 엇가지풀속
Heterosiphonia pulchra (Okamura) Falkenberg,
 1901 털엇가지풀
 FAMILY DELESSERIAEACEAE 보라잎과
 Genus *Acrosorium* Zanardini ex Kützing, 1869
 분홍잎속
Acrosorium ciliolatum (Harvey) Kylin, 1924
 갈고리분홍잎
Acrosorium flabellatum Yamada, 1930 부채분홍잎
Acrosorium polyneurum Okamura, 1936
 잔금분홍잎

- Acrosorium yendoi* Yamada, 1930 누은분홍잎
Genus *Cryptopleura* Kützing, 1843 민잎맥속
Cryptopleura membranacea Yamada, 1935
민잎맥
Cryptopleura ramosa L. Newton, 1931 니토피
Genus *Erythroglossum* J. Agardh, 1898 붉은혀속
Erythroglossum minimum Okamura, 1932
꼬마붉은혀
Erythroglossum pinnatum Okamura, 1932
날개붉은혀*
- Genus *Hypoglossum* Kützing, 1843 빗살잎속
Hypoglossum barbatum Okamura, 1901 참빗살잎
Genus *Phycodrys* Kützing, 1843 바다참나무잎속
Phycodrys fimbriata (De la Pylaie ex J. Agardh)
Kylin, 1924 바다참나무잎
Genus *Schizoseris* Kylin, 1924 갈래줄잎속
Schizoseris bombayensis (Børgesen) Lin, 2002
난쟁이갈래줄잎
Schizoseris subdichotoma (Segawa) Yamada, 1944
참갈래줄잎
Genus *Sorella* Hollenberg, 1943 분홍잎사촌속
Sorella pulchra (Yamada) Yoshida & Mikami,
1991 가지분홍잎사촌*
Sorella repens (Okamura) Hollenberg, 1943
기분홍잎사촌
Genus *Wynneophycus* S.Y. Jeong, B.Y. Won, Fredericq
& T.O. Cho, 2016
Wynneophycus geminatus S.Y. Jeong, B.Y. Won,
Fredericq & T.O. Cho, 2016
FAMILY RHODOMELACEAE 빨간검둥이과
Genus *Ardissonula* De Toni, 1936 다홍나래풀속
Ardissonula regularis (Okamura) De Toni, 1936
다홍나래풀
Genus *Benzaitenia* Yendo, 1913 서실더부살이속
Benzaitenia yenoshimensis Yendo, 1913
서실더부살이
Genus *Chondria* C. Agardh, 1817 개서실속
Chondria crassicaulis Harvey, 1860 개서실
Chondria dasyphylla (Woodward) C. Agardh,
1817 각시개서실
Chondria expansa Okamura, 1927 덩불개서실*
Genus *Chondrophyucus* (Tokida & Saito) Garbary &
Harper, 1998 고들서실속
Chondrophyucus cartilagineus (Yamada) Garbary
& Harper, 1998 물렁뼈고들서실
Chondrophyucus kangjaewonii Garbary & Harper,
1998 새고들서실
Chondrophyucus undulates Garbary & Harper, 1998
혹고들서실
Genus *Digenea* C. Agardh, 1822, 해인초속
Digenea simplex C. Agardh, 1822 해인초
Genus *Herposiphonia* Nägeli, 1846 거미줄속
Herposiphonia fissidentoides (Holmes) Okamura,
1899 제주거미줄
Herposiphonia nuda Hollenberg, 1968 민털거미줄
Herposiphonia parca Setchell, 1926 기느거미줄
Herposiphonia secunda (C. Agardh) Ambrohn,
1880 외쪽거미줄
Herposiphonia subdisticha Okamura, 1899
두줄거미줄
Genus *Janczewskia* Solms-Laubach, 1877 서실혹속
Janczewskia morimotoi Tokida, 1947
모리모토서실혹
Genus *Laurencia* Lamouroux, 1813 서실속
Laurencia hamata Yamada, 1932 갈고리서실
Laurencia intricata Lamouroux, 1813 타래서실
Laurencia nipponica Yamada, 1931 큰서실
Laurencia obtusa (Hudson) Lamouroux, 1813
몽우리서실
Laurencia okamurae Yamada, 1931 쌍발이서실
Laurencia pinnata Yamada, 1931 깃꼴서실
Laurencia venusta Yamada, 1931 애기서실
Genus *Leveillea* Decaisne, 1839 반달타래속
Leveillea jungermannioides (Hering & G. Martens)
Harvey, 1855 반달타래
Genus *Neorhodomela* Masuda, 1982 새빨간검둥이속
Neorhodomela aculeate Masuda, 1982
새빨간검둥이
Genus *Neosiphonia* M. Kim & I. Lee, 1999 새붉은실속
Neosiphonia decumbens (Segi) M.S. Kim &
I.K. Lee, 1999 누은새붉은실
Neosiphonia elongella M.S. Kim & I.K. Lee, 1999
긴새붉은실
Neosiphonia harlandii (Harvey) M. Kim & I. Lee,
1999 가지새붉은실
Neosiphonia japonica (Harvey) M. Kim & I. Lee,
1999 떨기나무새붉은실
Neosiphonia notoensis (Segi) M. Kim & I. Lee,
1999 검둥이새붉은실
Neosiphonia porrecta (Segi) Y. Lee, 2008
장다리새붉은실
Neosiphonia savatieri M. Kim & I. Lee, 1999
사바티새붉은실
Neosiphonia yendoi (Segi) M. Kim & I. Lee, 1999
쇠털새붉은실
Genus *Palisada* K.W. Nam 2007, 담서실속
Palisada intermedia (Yamada) K.W. Nam, 2007
검은담서실
Genus *Polysiphonia* Greville, 1823 붉은실속
Polysiphonia atlantica Kapraun & J.N. Norris,
1982 큰열매붉은실
Polysiphonia dokdoensis D.E. Bustamante,
B.Y. Won & T.O. Cho, 2014 독도붉은실
Polysiphonia morrowii Harvey, 1857
모로우붉은실
Polysiphonia subtilissima Montagne, 1840
각시붉은실
Genus *Symphyocladia* Falkenberg in Engler & Prantl,

1897 보라색우무속

- Symphyocladia glabra* J.C. Kang & M.S. Kim, 2013 민털보라색우무*
Symphyocladia latiuscula (Harvey) Yamada, 1941 참보라색우무
Symphyocladia linearis (Okamura) Falkenberg, 1901 가는보라색우무
Symphyocladia marchantioides (Harvey) Falkenberg, 1897 넓은보라색우무
Symphyocladia pumila (Yendo) Uwai & Masuda, 1999 애기보라색우무

FAMILY WRANGELIACEAE 깃복슬털과

- Genus *Anotrichium* Nägeli, 1862 민털이풀속
Anotrichium tenue Nägeli, 1862 헛가지민털이풀
 Genus *Griffithsia* C. Agardh, 1817 비단잘록이속
Griffithsia heteroclada Yamada & Hasegawa, 1949 엇가지비단잘록이
Griffithsia japonica Okamura, 1930 왜비단잘록이
Griffithsia okiensis Kajimura, 1982 오키비단잘록이*
Griffithsia tomo-yamadae Okamura, 1936 야마다비단잘록이
Griffithsia venusta Yamada, 1944 고운비단잘록이

Genus *Gymnophycus* Huisman & Kraft, 1983

오디풀사촌속

- Gymnophycus hypsispermis* Huisman & Kraft, 1983 오디풀사촌

Genus *Gymnothamnion* J. Agardh, 1892 공작풀속

- Gymnothamnion elegans* (Schousboe ex C. Agardh) J. Agardh, 1892 비단공작풀

Genus *Pleonosporium* Nägeli, 1862 오디풀속

- Pleonosporium pusillum* Yamada, 1932 애기오디풀*
Pleonosporium tohyamanum Tokida & Inaba, 1950 잔가지오디풀

Genus *Plumariella* Okamura, 1930 깃가지뿔개속

- Plumariella yoshikawae* Okamura, 1930 깃가지뿔개*

Genus *Spongoclonium* Sonder, 1853 돌림가지말속

- Spongoclonium caribaeum* (Børgesen) Wynne, 2005 카리브돌림가지말
Spongoclonium yagii (Yamada) H.S. Kim & I.K. Lee, 2012 돌림가지말

Genus *Wrangelia* C. Agardh, 1828 깃복슬털속

- Wrangelia argus* Montagne, 1856 털가지풀
Wrangelia tanegana Harvey, 1860 큰깃복슬털

ORDER GELIDIALES 우뭇가사리목

FAMILY GELIDIACEAE 우뭇가사리과

- Genus *Acanthopeltis* Okamura, 1892 새발속
Acanthopeltis japonica Okamura, 1892 새발
 Genus *Gelidiophycus* G.H. Boo, J.K. Park & S.M. Boo, 2016 애기우뭇가사리속
Gelidiophycus divaricatus (G. Martens) G.H. Boo, J.K. Park & S.M. Boo, 2016

Genus *Gelidium* Lamouroux, 1813 우뭇가사리속

- Gelidium amansii* (Lamouroux) Lamouroux, 1813 굵은참우뭇가사리
Gelidium austral J. Agardh, 1872 호주우뭇가사리
Gelidium crinale (Hare ex Turner) Gaillon, 1828 다발우뭇가사리
Gelidium elegans Kützing, 1816 우뭇가사리
Gelidium minimum K.M. Kim *et al.*, 2012 작은우뭇가사리
Gelidium pusillum (Stackhouse) Le Jolis, 1863 실우뭇가사리
Gelidium vagum Okamura, 1934 막우뭇가사리

FAMILY PTEROCLADIACEAE 개우무과

Genus *Pterocladia* Santelices & Hommersand, 1997 개우무속

- Pterocladia capillacea* (Gmelin) Santelices & Hommersand, 1997 개우무
Pterocladia tenuis (Okamura) Shimada *et al.*, 2000 큰개우무

ORDER GIGARTINALES 돌가사리목

FAMILY CAULACANTHACEAE 가시덤불과

- Genus *Caulacanthus* Kützing, 1843 가시덤불속
Caulacanthus ustulatus (Mertens & Turner) Kützing, 1843 애기가시덤불

FAMILY CYSTOCLONIACEAE 가시우무과

- Genus *Calliblepharis* Kützing, 1843
Calliblepharis saidana M.Y. Yang & M.S. Kim, 2017 사이다가시우무

Genus *Hypnea* Lamouroux, 1813 가시우무속

- Hypnea charoides* Lamouroux, 1813 참가시우무
Hypnea cornuta (Kützing) J. Agardh, 1851 뿔가시우무
Hypnea flexicaulis Y. Yamagishi & M. Masuda, 2000 덩불가시우무*
Hypnea japonica Tanaka, 1941 갈고리가시우무

FAMILY DUMONTIACEAE 미끌풀과

Genus *Dudresnaya* P. Crouan & H. Crouan, 1835 자주비로드속

- Dudresnaya japonica* Okamura, 1902 자주비로드

Genus *Dumontia* Lamouroux, 1813 미끌풀속

- Dumontia simplex* Cotton, 1906 미끌풀

FAMILY ENDOCLADIACEAE 풀가사리과

Genus *Gloiopeltis* J. Agardh, 1842 풀가사리속

- Gloiopeltis furcata* (Postels & Ruprecht) J. Agardh, 1851 불등풀가사리
Gloiopeltis tenax (Turner) Decaisne, 1842 참풀가사리

FAMILY FURCELLARIACEAE 곱단이과

Genus *Halarachnion* Kützing, 1843 매끈곱단이속

- Halarachnion latissimum* Okamura, 1933 매끈곱단이*

Genus *Opuntiella* Kylin, 1925 원반붉은잎속

- Opuntiella californica* (Farlow) Kylin, 1925 원반붉은잎

- FAMILY GIGARTINACEAE 돌가사리과
Genus *Chondracanthus* Kützing, 1843 돌가사리속
Chondracanthus chamissoi (C. Agardh) Kützing, 1843 가시돌가사리
Chondracanthus cincinnus M.Y. Yang & M.S. Kim, 2016 곱슬돌가사리*
Chondracanthus intermedius (Suringar) Hommersand, 1993 애기돌가사리
Chondracanthus tenellus (Harvey) Hommersand, 1993 돌가사리
Genus *Chondrus* Stackhouse, 1797 진두발속
Chondrus crispus Stackhouse, 1797 주름진두발
Chondrus nipponicus Yendo, 1920 가락진두발*
Chondrus ocellatus Holmes, 1896 진두발
- FAMILY GLOIOSIPHONIACEAE 실풀과
Genus *Gloeophycus* I.K. Lee & S.A. Yoo, 1979 염주마디풀속
Gloeophycus koreanus I.K. Lee & S.A. Yoo, 1979 분홍염주마디풀*
Genus *Gloiosiphonia* Carmichael, 1833 실풀속
Gloiosiphonia capillaris Carmichael, 1833 실풀
- FAMILY KALLYMENIACEAE 붉은땀띠과
Genus *Callophyllis* Kützing, 1843 붉은잎속
Callophyllis adhaerens Yamada, 1932 좁은붉은잎
Callophyllis adnata Okamura, 1932 넓은붉은잎
Callophyllis crispata Okamura, 1896 주름붉은잎
Callophyllis hayamensis Yamada, 1941 하야마붉은잎
Callophyllis japonica Okamura, 1895 벗붉은잎
Callophyllis rhynchocarpa Ruprecht, 1850 부리붉은잎
Genus *Kallymenia* J. Agardh, 1842 땀띠속
Kallymenia crassiuscula Okamura, 1934 붉은땀띠
- FAMILY PHYLLOPHORACEAE 부챗살과
Genus *Ahnfeltiopsis* Silva & DeCew, 1992 부챗살속
Ahnfeltiopsis flabelliformis (Harvey) Masuda, 1993 부챗살
Genus *Schottera* Guiry & Hollenberg, 1975
Schottera koreana M.S. Calderon, T.H. Seo & S.M. Boo, 2016*
- FAMILY RHIZOPHYLLIDACEAE 잎송진내과
Genus *Portieria* Zanardini, 1851 잎송진내속
Portieria hornemannii (Lyngbye) Silva, 1987 가는잎송진내
Portieria japonica (Harvey) P.C. Silva, 1987 왜잎송진내
- ORDER GRACILARIALES 꼬시래기목
FAMILY GRACILARIACEAE 꼬시래기과
Genus *Gracilaria* Greville, 1830 꼬시래기속
Gracilaria cuneifolia (Okamura) I.K. Lee & Kurogi, 1977 썩기꼴꼬시래기
Gracilaria textorii De Toni, 1895 잎꼬시래기
Gracilaria vermiculophylla (Ohmi) Papenfuss, 1967 꼬시래기
- Genus *Gracilariopsis* E.Y. Dawson, 1949
Gracilariopsis longissimi (S.G. Gmelin) Steentoft, L.M. Irvine & Farnham, 1995
- ORDER HALYMENIALES 도박목
FAMILY HALYMENIACEAE 지누아리과, 도박과
Genus *Grateloupia* C. Agardh, 1822 지누아리속
Grateloupia acuminata Holmes, 1896 왕지누아리
Grateloupia angusta (Okamura) Kawaguchi & Wang, 2001 붉은뺨까막살
Grateloupia asiatica Kawaguchi & Wang, 2001 지네지누아리
Grateloupia cornea Okamura, 1913 붉은까막살
Grateloupia divaricata Okamura, 1895 뺨지누아리
Grateloupia elliptica Holmes, 1896 참도박
Grateloupia imbricata Holmes, 1896 꽃지누아리
Grateloupia kurogii Kawaguchi, 1990 얼룩도박
Grateloupia livida Yamada, 1931 넓은지누아리
Grateloupia porracea Kützing, 1843 빈참지누아리
Grateloupia prolongata J. Agardh, 1847 개지누아리
Grateloupia sparsa Y.M. Chiang, 1970 명주지누아리*
Grateloupia subpectinata Holmes, 1912 빗살도박
Grateloupia turuturu Yamada, 1941 미끌도박
- Genus *Pachymeniopsis* Yamada ex Kawabata, 1954 개도박속
Pachymeniopsis lanceolata (Okamura) Kawaguchi, 1997 개도박
- Genus *Polyopes* J. Agardh, 1849 까막살속
Polyopes affinis (Harvey) Kawaguchi & Wang, 2002 참까막살
Polyopes lancifolius (Harvey) Kawaguchi & Wang, 2002 털지누아리
- ORDER NEMASTOMATALES 끈적이목
FAMILY SCHIZYMENIACEAE 갈래잎과
Genus *Schizymenia* J. Agardh, 1851 갈래잎속
Schizymenia dubyi (Chauvin) J. Agardh, 1851 갈래잎
- ORDER PEYSSONNELIALES 바다표고목
FAMILY PEYSSONNELIACEAE 바다표고과
Genus *Peyssonnelia* Decaisne, 1841 바다표고속
Peyssonnelia caulifera Okamura, 1899 자루바다표고
Peyssonnelia japonica (Segawa) Yoneshigue, 1985 고동웃
- Genus *Sonderophycus* Denizot, 1968 아프리카바다표고속
Sonderophycus capensis (Montagne) M.J. Wynne, 2011 아프리카바다표고
- ORDER PLOCAMIALES 곱슬이목
FAMILY PLOCAMIACEAE 곱슬이과
Genus *Plocamium* Lamouroux, 1813 곱슬이속
Plocamium cartilagineum Dixon, 1967 가는곱슬이

Plocamium ovicorne Okamura, 1896 애기곱슬이*
Plocamium telfairiae (Hooker & Harvey) Harvey
 ex Kützing, 1849 참곱슬이
Plocamium uncinatum (C. Agardh) Kützing, 1866
 갈고리참곱슬이
 ORDER RHODYMENIALES 분홍치목
 FAMILY CHAMPIACEAE 사슬풀과
 Genus *Champia* Desvaux, 1809 사슬풀속
Champia bifida Okamura, 1901 두갈래사슬풀
Champia expansa Yendo, 1903 넓은사슬풀
Champia inkyua Y.H. Koh, G.Y. Cho & M.S. Kim,
 2013 갈고리사슬풀*
Champia japonica Okamura, 1931 왜사슬풀
Champia parvula (C. Agardh) Harvey, 1853
 참사슬풀
Champia recta Noda, 1973 참사슬풀*
 FAMILY FAUCHERIAEACEAE 바위주걱과
 Genus *Gloiocladia* J. Agardh, 1842 갈래잎주걱속
Gloiocladia iyoensis (Okamura) Norris, 1991
 애기풀사돈
 Genus *Leptofauchea* Kylin, 1931 바위주걱속
Leptofauchea leptophylla (Segawa) Mas. Suzuki,
 Nozaki, R. Terada, Kitayama, Tetsu. Hashimoto &
 Yoshizaki, 2012 엷은잎바위주걱*
 FAMILY LOMENTARIAEACEAE 마디잘록이과
 Genus *Binghamia* Lyngbye, 1819 분홍애기풀속
Binghamia californica J. Agardh, 1899 분홍애기풀
 Genus *Ceratodictyon* Zanardini, 1878 물잔디속
Ceratodictyon variable (J. Agardh) R.E. Norris,
 1987 물잔디
 Genus *Lomentaria* Lyngbye, 1819 마디잘록이속
Lomentaria catenata Harvey, 1857 마디잘록이
Lomentaria flaccida Tanaka, 1944 연마디잘록이*
Lomentaria hakodatensis Yendo, 1920
 애기마디잘록이
 FAMILY RHODYMENIACEAE 분홍치과
 Genus *Chrysomenia* J. Agardh, 1842 끈적이속
Chrysomenia wrightii (Harvey) Yamada, 1932
 누른끈적이
 Genus *Halopeltis* J. Agardh, 1854 겹가지분홍지속
Halopeltis adnata (Okamura) G.W. Saunders &
 Schneider, 2012 겹가지분홍치
 Genus *Rhodymenia* Greville, 1830 분홍치속
Rhodymenia intricata (Okamura) Okamura, 1930
 두갈래분홍치
 Genus *Sparlingia* G.W. Saunders, I.W. Strachan &
 Kraft, 1999 구멍분홍치속
Sparlingia pertusa G.W. Saunders, I. Strachan &
 Kraft, 1999 구멍분홍치
 CLASS STYLONEMATOPHYCEAE 마디털홍조강
 ORDER STYLONEMATALES 마디털목
 FAMILY STYLONEMATAEACEAE 마디털과
 Genus *Stylonema* Reinsch, 1875 마디털속
Stylonema alsidii (Zanardini) Drew, 1956 마디털

Stylonema cornu-cervi Reinsch, 1875 쇠뿔마디털
 PHYLUM MAGNOLIOPHYTA 피자식물문
 CLASS LILIOPSIDA 백합강
 ORDER COMMELINALES 닭의장풀목
 FAMILY COMMELINACEAE 닭의장풀과
 Genus *Commelina* L., 1753 닭의장풀속
Commelina communis L., 1753 닭의장풀
 ORDER CYPERALES 사초목
 FAMILY CYPERACEAE 사초과
 Genus *Cyperus* L., 1753 방동산이속
Cyperus microiria Steud., 1854 금방동산이
 FAMILY POACEAE 화본과
 Genus *Agropyron* Gaertn., 1770 개밀속
Agropyron tsukushiense var. *transiens* (Hack.)
 Ohwi, 1953 개밀
 Genus *Bromus* L., 1753 참새귀리속
Bromus japonicus Thunb., 1784 참새귀리
Bromus unioloides Kunth, 1815 큰이삭풀
 Genus *Digitaria* Haller, 1768 바랭이속
Digitaria sanguinalis (L.) Scop., 1771 바랭이
 Genus *Echinochloa* P. Beauv., 1812 피속
Echinochloa crus-galli (L.) P., Beauv. *crusgalli*,
 1812 돌피
 Genus *Eleusine* Gaertn., 1788 왕바랭이속
Eleusine indica (L.) Gaertn., 1788 왕바랭이
 Genus *Festuca* L., 1753 김의털속
Festuca rubra L., 1753 왕김의털
 Genus *Miscanthus* Andersson, 1855 억새속
Miscanthus sinensis Andersson, 1855 억새
 Genus *Poa* L., 1753 포아풀속
Poa annua L., 1753 새포아풀
Poa pratensis L., 1753 왕포아풀
 Genus *Setaria* P. Beauv., 1812 강아지풀속
Setaria glauca (L.) P. Beauv., 1812 금강아지풀
Setaria viridis (L.) P. Beauv., 1812 강아지풀
Setaria viridis var. *pachystachys* (Franch. & Sav.)
 Makino & Nemoto, 1925 갯강아지풀
 ORDER LILIALES 백합목
 FAMILY LILIACEAE 백합과
 Genus *Allium* L., 1753 부추속
Allium macrostemon Bunge, 1833 산달래
 Genus *Asparagus* L., 1753 비짜루속
Asparagus schoberioides Kunth, 1850 비짜루
 Genus *Lilium* L., 1753 백합속
Lilium lancifolium Thunb., 1794 참나리
 Genus *Maianthemum* F.H. Wigg., 1780 두루미꽃속
Maianthemum dilatatum (A.W. Wood) A. Nelson
 & J.F. Macbr., 1916 큰두루미꽃
 ORDER NAJADALES 나자스말목
 FAMILY ZOSTERACEAE 거머리말과
 Genus *Phyllospadix* W.J. Hooker, 1838 새우말속
Phyllospadix japonica Makino, 1897 계바다말*
 CLASS MAGNOLIOPSIDA 목련강
 ORDER APIALES 미나리목

- FAMILY APIACEAE 미나리과
Genus *Cnidium* Cusson & Juss., 1787 천궁속
Cnidium japonicum Miq., 1867 갯사상자
FAMILY ASTERACEAE 국화과
Genus *Artemisia* L., 1753 쑥속
Artemisia japonica Thunb. subsp. *littoricola* (Kitam.) Kitam., 1957 갯제비쑥
Artemisia montana (Nakai) Pamp., 1930 산쑥
Genus *Aster* L., 1753 참취속
Aster spathulifolius Maxim., 1871 해국
Genus *Sonchus* L., 1753 방가지똥속
Sonchus asper (L.) Hill, 1769 큰방가지똥
Sonchus oleraceus L., 1753 방가지똥
Genus *Taraxacum* F.H. Wigg., 1780 민들레속
Taraxacum platycarpum Dahlst., 1907 민들레
ORDER CAMPANULALES 초롱꽃목
FAMILY CAMPANULACEAE 초롱꽃과
Genus *Campanula* L., 1753 초롱꽃속
Campanula takesimana Nakai, 1922 섬초롱꽃
ORDER CAPPARALES 풍접초목
FAMILY BRASSICACEAE 십자화과
Genus *Arabis* L., 1753 장대나물속
Arabis stelleri DC., 1821 갯장대
Genus *Brassica* L., 1753 배추속
Brassica juncea (L.) Czern., 1859 갓
ORDER CARYOPHYLLALES 석죽목
FAMILY AIZOACEAE 변행초과
Genus *Tetragonia* L., 1753 변행초속
Tetragonia tetragonoides (Pall.) Kuntze, 1891 변행초
FAMILY AMARANTHACEAE 비름과
Genus *Achyranthes* L., 1753 쇠무릎속
Achyranthes japonica (Miq.) Nakai, 1920 쇠무릎
FAMILY CARYOPHYLLACEAE 석죽과
Genus *Dianthus* L., 1753 패랭이꽃속
Dianthus longicalyx Miq., 1861 술패랭이꽃
Genus *Sagina* L., 1753 개미자리속
Sagina maxima A. Gray, 1858 큰개미자리
Genus *Stellaria* L., 1753 별꽃속
Stellaria media (L.) Vill., 1789 별꽃
FAMILY CHENOPODIACEAE 명아주과
Genus *Atriplex* L., 1753 갯능쟁이속
Atriplex gmelinii C.A. Mey. ex Bong., 1833 가는갯능쟁이
Genus *Chenopodium* L., 1753 명아주속
Chenopodium album L. var. *album*, 1753 흰명아주
Chenopodium album L. var. *stenophyllum* Makino, 1913 가는명아주
FAMILY PORTULACACEAE 쇠비름과
Genus *Portulaca* L., 1753 쇠비름속
Portulaca oleracea L., 1753 쇠비름
ORDER CELASTRALES 노박덩굴목
FAMILY CELASTRACEAE 노박덩굴과
Genus *Euonymus* L., 1753 화살나무속
Euonymus hamiltonianus Wall., 1824 참빗살나무
Euonymus japonicus Thunb. var. *japonicus*, 1780 사철나무
ORDER DIPSACALES 산토끼꽃목
FAMILY CAPRIFOLIACEAE 인동과
Genus *Lonicera* L., 1753 인동속
Lonicera insularis Nakai, 1917 섬괴불나무
ORDER GENTIANALES 용담목
FAMILY ASCLEPIADACEAE 박주가리과
Genus *Metaplexis* R. Br., 1811 박주가리속
Metaplexis japonica (Thunb.) Makino, 1903 박주가리
ORDER GERANIALES 쥐손이풀목
FAMILY OXALIDACEAE 팽이밥과
Genus *Oxalis* L., 1753 팽이밥속
Oxalis stricta L., 1753 선팽이밥
ORDER PAPAVERALES 양귀비목
FAMILY FUMARIACEAE 현호색과
Genus *Corydalis* DC., 1805 현호색속
Corydalis platycarpa (Maxim. ex Palib.) Makino, 1909 갯괴불주머니
ORDER PLANTAGINALES 질경이목
FAMILY PLANTAGINACEAE 질경이과
Genus *Plantago* L., 1753 질경이속
Plantago asiatica L., 1753 질경이
ORDER POLYGONALES 마디풀목
FAMILY POLYGONACEAE 마디풀과
Genus *Fallopia* Adans, 1763 닭의덩굴속
Fallopia sachalinensis (F. Schmidt) Ronse Decr., 1988 왕호장근
Genus *Polygonum* L., 1753 마디풀속
Polygonum aviculare L., 1753 마디풀
Genus *Rumex* L., 1753 소리쟁이속
Rumex japonicus Houtt., 1777 참소리쟁이
ORDER PRIMULALES 앵초목
FAMILY PRIMULACEAE 앵초과
Genus *Lysimachia* L., 1753 참좁쌀풀속
Lysimachia mauritiana Lam., 1792 갯까치수염
ORDER PROTEALES 프로티아목
FAMILY ELAEAGNACEAE 보리수나무과
Genus *Elaeagnus* L., 1753 보리수나무속
Elaeagnus macrophylla Thunb., 1783 보리밥나무
ORDER RANUNCULALES 미나리아재비목
FAMILY MENISPERMACEAE 새모래덩굴과
Genus *Cocculus* DC., 1817 땃덩이덩굴속
Cocculus trilobus (Thunb.) DC., 1818 땃덩이덩굴
ORDER RHAMNALES 갈매나무목
FAMILY VITACEAE 포도과
Genus *Ampelopsis* Michx., 1803 개머루속
Ampelopsis brevipedunculata (Maxim.) Trautv., 1883 개머루
ORDER ROSALES 장미목
FAMILY CRASSULACEAE 돌나물과
Genus *Sedum* L., 1753 돌나물속

Sedum oryzifolium Makino, 1891 땅채송화
Sedum takesimense Nakai, 1922 섬기린초
 ORDER SCROPHULARIALES 현삼목
 FAMILY OROBANCHACEAE 열당과
 Genus *Orobanche* L., 1753 초종용속
Orobanche coerulescens Stephan, 1800 초종용
 ORDER THEALES 차나무목
 FAMILY THEACEAE 차나무과
 Genus *Camellia* L., 1753 동백나무속
Camellia japonica L., 1753 동백나무
 PHYLUM PTERIDOPHYTA 양치식물문
 CLASS POLYPODIOPSIDA 고사리강
 ORDER POLYPODIALES 고사리목
 FAMILY DRYOPTERIDACEAE 관중과
 Genus *Cyrtomium* C. Presl, 1836 쇠고비속
Cyrtomium falcatum (L. f.) C. Presl, 1836
 도깨비고비
 PHYLUM BRYOPHYTA 선태식물문
 CLASS BRYOPSIDA 선강
 ORDER BRYALES 참이끼목
 FAMILY BRACHYTHECIACEAE 양털이끼과
 Genus *Palamocladium* M. Hal., 1896 걸나무가지이끼속
Palamocladium leskeoides (Hook.) E. Britton,
 1914 걸나무가지이끼
 ORDER JUNGERMANNIALES 망울이끼목
 FAMILY BRYACEAE 참이끼과
 Genus *Brachymerium* Schwagr, 1824 참외이끼속
Brachymerium exile (Dozy & Molk) Bosch &
 Sande Lac, 1860 가는참외이끼
 ORDER NOT ASSIGNED
 FAMILY AMBLYSTEGIACEAE 버들이끼과
 Genus *Amblystegium* Schimp, 1853 버들이끼속
Amblystegium serpens (Hedw) Schimp, 1853
 버들이끼
 FAMILY DICRANACEAE 꼬리이끼과
 Genus *Dicranella* Schimp, 1856 역새이끼속
Dicranella heteromalla (Hedw) Schimp, 1856
 역새이끼
 CLASS POLYTRICHOPSIDA 솔이끼강
 ORDER POLYTRICHALES 솔이끼목
 FAMILY POLYTRICHACEAE 솔이끼과
 Genus *Atrichum* P. Beauv, 1804 주름솔이끼속
Atrichum rhystophyllum (Müll. Hal) Paris, 1900
 아기주름솔이끼
 PHYLUM MARCHANTIOPHYTA 태류식물문
 CLASS JUNGERMANNIOPSIDA 망울이끼강
 ORDER PORELLALES 세줄이끼목
 FAMILY FRULLANIACEAE 지네이끼과
 Genus *Frullania* Raddi, 1818 지네이끼속
Frullania muscicola Steph, 1894 참지네이끼
 FAMILY LOPHOCOLEACEAE
 두끝벼슬이끼과
 Genus *Lophocolea* Dumort, 1835 두끝벼슬이끼속
Lophocolea heterophylla (Schrad) Dumort, 1835

두끝벼슬이끼
 CLASS MARCHANTIOPSIDA 우산이끼강
 ORDER MARCHANTIALES 우산이끼목
 FAMILY MARCHANTIACEAE 우산이끼과
 Genus *Marchantia* L., 1753 우산이끼속
Marchantia polymorpha L., 1753 우산이끼
 PHYLUM AMOEBOZOA
 CLASS TUBULINEA
 ORDER EUAMOEBIDA
 FAMILY HARTMANNELLIDAE 가닥아메바과
 Genus *Vermamoeba* Smirnov *et al.*, 2011
Vermamoeba vermiformis (Page, 1967)
 PHYLUM CILIOPHORA 섬모충문
 CLASS HETEROTRICHEA 이모충강
 ORDER HETEROTRICHIDA 이모섬모충목
 FAMILY CONDYLOSTOMATIDAE
 터진입섬모충과
 Genus *Condylostoma* Bory de St. Vincent, 1824
 터진입섬모충속
Condylostoma arenarium Spiegel, 1926*
Condylostoma spatiosum Ozaki & Yagi, 1944
 넓은터진입섬모충*
 CLASS LITOSTOMATEA
 ORDER HAPTORIDA 독포섬모충목
 FAMILY ACROPISTHIIDAE
 Genus *Chaenea* Quennerstedt, 1867
Chaenea vorax Quennerstedt, 1867*
 FAMILY SPATHIDIIDAE
 Genus *Spathidium* Dujardin, 1841 주걱모양섬모충속
Spathidium ascendens Wenzel, 1955*
 ORDER PLEUROSOMATIDA 측구섬모충목
 FAMILY LITONOTIDAE 해변충과
 Genus *Litonotus* Wresniowski, 1870 해변충속
Litonotus lamella (Müller, 1773)*
 CLASS NASSOPHOREA
 ORDER NASSULIDA
 FAMILY NASSULIDAE
 Genus *Nassula* Ehrenberg, 1833
Nassula ornate Ehrenberg, 1833*
 CLASS OLIGOHYMENOPHOREA 빈막강
 ORDER PENICULIDA
 FAMILY FRONTONIIDAE
 Genus *Frontonia* Ehrenberg, 1838
Frontonia atra Ehrenberg, 1833*
 CLASS PROSTOMATEA 전구강
 ORDER PRORODONTIDA 앞술섬모충목
 FAMILY COLEPIDAE
 Genus *Pinacocoleps* Diesing, 1865
Pinacocoleps pulcher (Spiegel, 1926) Foissner,
 Kusuoka & Shimano, 2008*
 CLASS SPIROTRICHEA 선모강
 ORDER EUPLOTIDA 자라하모충목
 FAMILY EUPLOTIDAE 자라하모충과
 Genus *Euplotes* O.F. Müller, 1786 자라하모충속

- Euplotes cristatus* Kahl, 1932
벼슬머리자라하모충*
- Euplotes encysticus* Yonezawa, 1985*
- Euplotes gracilis* Kahl, 1930*
- Euplotes muscicola* Kahl, 1932 이끼자라하모충*
- Euplotes mutabilis* Tuffrau, 1960*
- Euplotes vannus* (Müller, 1786)*
- Euplotes wilberti* (Song & Wilbert, 2002) *
- FAMILY URONYCHIDAE 말총하모충과
- Genus *Diophrys* Dujardin, 1841 쌍눈썩충속
- Diophrys appendiculata* (Ehrenberg, 1838)
부유쌍눈썩충*
- Diophrys oligothrix* Borrer, 1965
드문섬모쌍눈썩충*
- Diophrys scutum* (Dujardin, 1841)
등근방패쌍눈썩충*
- Genus *Uronychia* Stein, 1859 말총충속
- Uronychia binucleata* Young, 1922 쌍핵말총충*
- Uronychia setigera* Calkins, 1902 강모말총충*
- ORDER SPORADOTRICHIDA 산포하모목
- FAMILY OXYTRICHIDAE 첨모하모충과
- Genus *Australocirrus* Blatterer & Foissner, 1988
- Australocirrus australis* (Foissner, 1995)*
- Genus *Sterkiella* Foissner, Blatterer, Berger & Kohmann, 1991 유사조직하모충속
- Sterkiella histriomuscorum* (Foissner, Blatterer, Berger & Kohmann, 1991) 이끼조직하모충*
- ORDER UROSTYLIDA 미주하모목
- FAMILY UROSTYLIDAE 미주하모과
- Genus *Urostyla* Ehrenberg, 1830 미주하모충속
- Urostyla grandis* Ehrenberg, 1830 대미주하모충*
- PHYLUM FORAMINIFERA 유공충문
- CLASS GLOBOTHALAMEA 글로보탈라메아강
- ORDER ROTALIIDA 수레바퀴유공충목
- FAMILY BAGGINIDAE 혈령유공충과
- Genus *Baggina* Cushman, 1926 혈령유공충속
- Baggina philippinensis* (Cushman, 1921)
혈령유공충*
- FAMILY CALCARINIDAE
- Genus *Pararotalia* Le Clavez, 1949 결바퀴유공충속
- Pararotalia bellatula* Shchedrina, 1984*
- FAMILY CANCRISIDAE
- Genus *Cancris* Montfort, 1808 은행계유공충속
- Cancris auricular* (Fichtel & Moll, 1798)
귀은행계유공충*
- FAMILY CIBICIDIDAE 빵식유공충과
- Genus *Cibicidoides* Thalmann, 1939 유사빵식유공충속
- Cibicidoides wuellerstorfi* (Schwager, 1866)
블러유사빵식유공충*
- Cibicidoides lobatulus* Walker & Jacob, 1798*
- FAMILY ELPHIDIIDAE 희망유공충과
- Genus *Elphidium* Montfort, 1808 희망유공충속
- Elphidium advenum* (Cushman, 1922)
낮선희망유공충*
- Elphidium crispum* (Linnaeus, 1758)
곱슬희망유공충*
- FAMILY EPONIDIDAE 등지유공충과
- Genus *Eponides* Montfort, 1808 등지유공충속
- Eponides boueanus* d'Orbigny, 1840*
- Eponides repandus* (Fichtel & Moll, 1798)
흰등지유공충*
- FAMILY GLABRATELLIDAE 매킨공유공충과
- Genus *Planoglabratella* Seiglie & Bermúdez, 1965
- Planoglabratella opercularis* (d'Orbigny, 1839)
뿔개평평매킨유공충*
- FAMILY GLOBIGERINIDAE 겹공유공충과
- Genus *Globigerina* d'Orbigny, 1826 겹공유공충속
- Globigerina bulloides* d'Orbigny, 1826
큰알겹공유공충*
- FAMILY ROSALINIDAE 장미유공충과
- Genus *Neoconorbina* d'Orbigny, 1826
- Neoconorbina marginata* Hofker, 1951*
- Genus *Rosalina* d'Orbigny, 1826 장미유공충속
- Rosalina bradyi* (Cushman, 1915)
브래디장미유공충*
- FAMILY ROTALIIDA 수레바퀴유공충과
- Genus *Ammonia* Brönnich, 1771 숫양뿔유공충속
- Ammonia beccarii* (Linnaeus, 1758)
숫양뿔유공충*
- ORDER TEXTULARIIDA 애직공유공충목
- FAMILY TEXTULARIIDAE 애직공유공충과
- Genus *Textularia* DeFrance, 1824 애직공유공충속
- Textularia conica* d'Orbigny, 1839
원뿔애직공유공충*
- CLASS INSERTAE SEDIS
- ORDER LAGENIDA 병유공충목
- FAMILY GLANDULINIDAE 샘유공충과
- Genus *Laryngosigma* Loeblich & Tappan, 1953
후두유공충속
- Laryngosigma compacta* McCulloch, 1977*
- FAMILY POLYMORPHINIDAE 다형유공충과
- Genus *Guttulina* d'Orbigny, 1839 방울유공충속
- Guttulina yamazakii* Cushman & Ozawa, 1930
왜지방울유공충*
- FAMILY VAGINULINIDAE 꼬불집유공충과
- Genus *Lenticulina* Lamarck, 1804 편두유공충속
- Lenticulina cultrate* (Montfort, 1808)
문화편두유공충*
- CLASS TUBOTHALAMEA 터보탈라메아강
- ORDER MILIOLIDA 기장구멍벌레목
- FAMILY HAUERINIDAE 엄니유공충과
- Genus *Cycloforina* d'Orbigny, 1839 원문유공충속
- Cycloforina contorta* (d'Orbigny, 1839)*
- Genus *Massilina* Schlumberger, 1893
- Massilina laevigata* (Cushman & Todd, 1944)*
- Genus *Miliolinella* Wiesner, 1931 기장유공충속
- Miliolinella fichteliana* (d'Orbigny, 1839)*
- Genus *Pyrgo* DeFrance, 1824

- Pyrgo sarsi* (Schlumberger, 1891) 화덕탑유공충*
Pyrgo simplex (d'Orbigny, 1846)*
 Genus *Quinqueloculina* d'Orbigny, 1826
Quinqueloculina disparilis curta Cushman, 1917*
Quinqueloculina vulgaris d'Orbigny, 1826
 보통오칸유공충*
 Genus *Triloculina* d'Orbigny, 1826
Triloculina rotundata d'Orbigny, 1826
 등근삼칸유공충*
 Genus *Triloculinella* Riccio, 1950
Triloculinella hornibrooki (Vella, 1957)*
 FAMILY SPIROLOCULINIDAE
 나사틀유공충과
 Genus *Spiroloculina* d'Orbigny, 1826 나사틀유공충속
Spiroloculina angulata Cushman, 1917
 각나사틀유공충*
Spiroloculina elegans Cushman, 1918
 우아나사틀유공충*
 ORDER SPIRILLINIDA 회오리유공충목
 FAMILY AMMODISCIDAE
 Genus *Ammodiscus* Reuss, 1862
Ammodiscus incertus (d'Orbigny, 1839)
 의심암모접시유공충*
 PHYLUM PERCOLOZOA 퍼콜로충문
 CLASS HETEROLOBOSEA 이형엽상근족충강
 ORDER SCHIZOPYRENIDA 분열균목
 FAMILY TETRAMITACEAE
 Genus *Tetramitus* Perty, 1852
Tetramitus dokdoensis Park, 2017
 PHYLUM ARTHROPODA 절지동물문
 CLASS INSECTA 곤충강
 ORDER BLATTODEA 바퀴목
 FAMILY ECTOBIIDAE 바퀴과
 Genus *Blattella* Caudell, 1903 바퀴속
Blattella nipponica Asahina, 1963 산바퀴
 ORDER COLEOPTERA 딱정벌레목
 FAMILY APHODIIDAE 똥뽕뎅이과
 Genus *Aphodius* Illiger, 1798 똥뽕뎅이속
Aphodius (Aganocrossus) urostigma Harold, 1862
 갓털똥뽕뎅이
 FAMILY CARABIDAE 딱정벌레과
 Genus *Anisodactylus* Dejean, 1829
Anisodactylus (Anisodactylus) tricuspisidatus
 Morawitz, 1863 애먼지벌레
Anisodactylus (Pseudanisodactylus) signatus
 (Panzer, 1797) 먼지벌레
 Genus *Dolichus* Bonelli, 1810 등빨간먼지벌레속
Dolichus halensis halensis (Schaller, 1783)
 등빨간먼지벌레
 Genus *Harpalus* Latreille, 1802
Harpalus (Pseudoophonus) jureceki (Jedlicka,
 1928) 수염머리먼지벌레
Harpalus (Pseudoophonus) sinicus Hope, 1845
 중국머리먼지벌레
 Genus *Stenolophus* Berthold, 1827
Stenolophus (Egadroma) difficilis (Hope, 1845)
 초록좁쌀먼지벌레
 FAMILY CHRYSOMELIDAE 잎벌레과
 Genus *Callosobruchus* Pic, 1902
Callosobruchus chinensis Linnaeus, 1758 팔바구미
 Genus *Cassida* Linnaeus, 1758 남생이잎벌레속
Cassida nebulosa Linnaeus, 1758 남생이잎벌레
Cassida piperata Hope, 1842 애남생이잎벌레
 Genus *Longitarsus* Berthold, 1827 긴발벼룩잎벌레속
Longitarsus (Longitarsus) succineus (Foudras,
 1860) 긴발벼룩잎벌레
 Genus *Psylliodes* Berthold, 1827 줄벼룩잎벌레속
Psylliodes (Psylliodes) punctifrons Baly, 1874
 검정배줄벼룩잎벌레
 Genus *Thlaspida* 큰남생이잎벌레속
Thlaspida biramosa biramosa Bohemian, 1855
 큰남생이잎벌레
 FAMILY COCCINELLIDAE 무당벌레과
 Genus *Coccinella* Linnaeus, 1758
Coccinella (Coccinella) septempunctata Linnaeus,
 1758 칠성무당벌레
 Genus *Harmonia* Mulsant, 1846 무당벌레속
Harmonia axyridis (Pallas, 1773) 무당벌레
Harmonia yedoensis (Takizawa, 1917)
 소나무무당벌레
 Genus *Propylea* Mulsant, 1846 잡초무당벌레속
Propylea japonica (Thunberg, 1781)
 꼬마남생이무당벌레
 Genus *Scymnus* Kugelann, 1794 애기무당벌레속
Scymnus (Neopullus) babai Sasaji, 1971
 바바애기무당벌레
Scymnus (Pullus) ferrugatus (Moll, 1785)
 대륙애기무당벌레
 FAMILY CURCULIONIDAE 바구미과
 Genus *Ceutorhynchus* Germar, 1824 좁쌀바구미속
Ceutorhynchus albosuturalis (Roelofs, 1875)
 유채좁쌀바구미
 Genus *Cosmobaris* Casey, 1920 알락애바구미속
Cosmobaris scolopacea (Germar, 1819)
 알락애바구미
 Genus *Rhinoncus* Schoenherr, 1825 애좁쌀바구미속
Rhinoncus cribricollis Hustache, 1916
 흰점애좁쌀바구미
Rhinoncus jakovlevi Faust, 1893
 참소리쟁이애좁쌀바구미
 Genus *Scepticus* Roelofs, 1873 표주박바구미속
Scepticus insularis Roelofs, 1873
 뽕나무표주박바구미
Scepticus uniformis Kono, 1930 표주박바구미
 Genus *Simulatacalles* Morimoto, 1978 썩이바구미속
Simulatacalles simulator (Roelofs, 1875)
 썩이바구미
 Genus *Sitona* Germar, 1817 들바구미속

- Sitona lineatus* (Linnaeus, 1758) 토끼풀들바구미
FAMILY DERMESTIDAE 수시령이과
Genus *Dermestes* Linnaeus, 1758 수시령이속
Dermestes (Dermestinus) tessellatocollis tessellatocollis Motschulsky, 1860 검정수시령이
FAMILY ELATERIDAE 방아벌레과
Genus *Agrypnus* Eschscholtz, 1829 녹슬은방아벌레속
Agrypnus miyamotoi miyamotoi (Nakane & Kishii, 1955) 섬땅방아벌레
Genus *Melanotus* Eschscholtz, 1829 빛살방아벌레속
Melanotus (Melanotus) matsumurai (Schenkling, 1927) 긴날개빛살방아벌레
Melanotus (Spheniscosomus) cete cete Candèze, 1860 붉은다리빛살방아벌레
Genus *Pectocera* Hope, 1842 왕빛살방아벌레속
Pectocera fortunei Candèze, 1873 왕빛살방아벌레
FAMILY ENDOMYCHIDAE 무당벌레붙이과
Genus *Ancylopus* Costa, 1850
Ancylopus melanocephalus (Olivier, 1808) 어리무당벌레
Ancylopus pictus asiaticus Strohecker, 1972 무당벌레붙이
Genus *Holopamecus* Curtis, 1833
Holopamecus contractus Wallaston, 1874*
FAMILY HYDROPHILIDAE 물땡땡이과
Genus *Hydrophilus* Geoffroy, 1762 물땡땡이속
Hydrophilus (Hydrophilus) acuminatus Motschulsky, 1854 물땡땡이
FAMILY LATHRIDIIDAE 섯벌레과
Genus *Corticicara* Johnson, 1975
Corticicara gibbosa (Herbst, 1793) 모래섯벌레
Genus *Stephostethus* LeConte, 1878
Stephostethus chinensis (Reitter, 1877) 애기섯벌레
FAMILY MORDELLIDAE 꽃벼룩과
Genus *Mordella* Linnaeus, 1758
Mordella tokejii Nomura, 1958 긴꼬리꽃벼룩
FAMILY NITIDULIDAE 밀빠진벌레과
Genus *Omosita* Erichson, 1843
Omosita colon (Linnaeus, 1758) 점박이납작밀빠진벌레
Omosita japonica Reitter, 1874 구름무늬납작밀빠진벌레
FAMILY OEDEMERIDAE 하늘소붙이과
Genus *Nacerdes* Dejean, 1834 노랑하늘소붙이속
Nacerdes (Nacerdes) melanura (Linnaeus, 1758) 끝검은하늘소붙이
FAMILY STAPHYLINIDAE 반날개과
Genus *Aleochara* Gravenhorst, 1802 바수염반날개속
Aleochara (Emplenota) fucicola Sharp, 1874 좁해변바수염반날개
Genus *Atheta* Thomson, 1858 우리바수염반날개속
Atheta (Badura) tokiokai (Sawada, 1971) 해안바수염반날개
Genus *Cafius* Stephens, 1829 바닷말반날개속
Cafius histrio (Sharp, 1874) 바닷말반날개
Genus *Paederus* Fabricius, 1775 개미반날개속
Paederus (Heteropaederus) fuscipes fuscipes Curtis, 1826 청딱지개미반날개
FAMILY TENEBRIONIDAE 거저리과
Genus *Gonocephalum* Solier, 1834 모래거저리속
Gonocephalum coenosum Kaszab, 1952 긴뺨모래거저리
Gonocephalum coriaceum (Motschulsky, 1858) 고려모래거저리
ORDER DERMAPTERA 집게벌레목
FAMILY ANISOLABIDIDAE 민집게벌레과
Genus *Anisolabis* Fieber, 1853 민집게벌레속
Anisolabis maritima (Bonelli, 1832) 민집게벌레
Genus *Euborellia* Burr, 1909 노란다리민집게벌레속
Euborellia annulipes (Lucas, 1847) 애흰수염집게벌레
FAMILY FORFICULIDAE 집게벌레과
Genus *Forficula* Linnaeus, 1758 못뽑이집게벌레속
Forficula scudderi Bormans, 1880 못뽑이집게벌레
ORDER DIPTERA 파리목
FAMILY ANTHOMYIIDAE 꽃파리과
Genus *Delia* Robineau-Desvoidy, 1830 고자리꽃파리속
Delia platura (Meigen, 1826) 씨고자리꽃파리
Genus *Fucellia* Robineau-Desvoidy, 1842 해변꽃파리속
Fucellia apicalis Kertész, 1908 점박이해변꽃파리
Fucellia boninensis Snyder, 1965 남방해변꽃파리
FAMILY CALLIPHORIDAE 검정파리과
Genus *Calliphora* Robineau-Desvoidy, 1830
Calliphora lata Coquillett, 1898 큰검정파리
Genus *Hemipyrellia* Townsend, 1918
Hemipyrellia ligurriens (Wiedemann, 1830) 산금파리
Genus *Lucilia* Robineau-Desvoidy, 1830
Lucilia caesar (Linnaeus, 1758) 금파리
Lucilia porphyrina (Walker, 1856) 붉은등금파리
Lucilia sericata (Meigen, 1826) 구리금파리
FAMILY CERATOPOGONIDAE 등에모기과
Genus *Culicoides* Latreille, 1809 점등에모기속
Culicoides circumscriptus Kieffer, 1918 등근점등에모기
FAMILY CHLOROPIDAE 노랑굴파리과
Genus *Thaumatomyia* Zenker, 1833
Thaumatomyia notata (Meigen, 1830) 산각시노랑굴파리
FAMILY COELOPIDAE 해초파리과
Genus *Coelopa* Meigen, 1830 해초파리속
Coelopa frigida (Fabricius, 1805) 해초파리
FAMILY CULICIDAE 모기과
Genus *Culex* Linnaeus, 1758 집모기속
Culex orientalis Edwards, 1921 동양집모기
Genus *Ochlerotatus* Lynch Arribalzaga, 1891 가시숲모기속
Ochlerotatus (Finlaya) togoi (Theobald, 1907)

토고숲모기*
 FAMILY DOLICHOPODIDAE 장다리파리과
 Genus *Dolichopus* Latreille, 1796 장다리파리속
Dolichopus nitidus fallen, 1823 장다리파리
 FAMILY MUSCIDAE 집파리과
 Genus *Atherigona* Rondani, 1856
Atherigona oryzae Malloch, 1925 벼줄기집파리
 Genus *Musca* Linnæus, 1758 집파리속
Musca bezzii Patton & Cragg, 1913 검정집파리
Musca hervei Villeneuve, 1922 소집파리
 Genus *Orchisia* Rondani, 1877 무늬사냥집파리속
Orchisia costata (Meigen, 1826) 무늬사냥집파리
 FAMILY PHORIDAE 벼룩파리과
 Genus *Megaselia* Loew, 1866
Megaselia spiracularis Schmitz, 1938
 기문벼룩파리
 FAMILY PSYCHODIDAE 나방파리과
 Genus *Psychoda* Latreille, 1796
Psychoda (Tinearia) alternata Say, 1824
 민나방파리
 FAMILY RHINIIDAE 초록파리과
 Genus *Stomorhina* Rondani, 1861
Stomorhina obsolete (Wiedemann, 1830)
 점박이초록파리
 FAMILY SARCOPHAGIDAE 쉬파리과
 Genus *Boettcherisca* Meigen, 1826
Boettcherisca peregrina (Robineau-Desvoidy, 1830) 떠돌이쉬파리
 Genus *Sarcophaga* Meigen, 1826 쉬파리속
Sarcophaga brevicornis Ho, 1934 짧은빨쉬파리
Sarcophaga melanura Meigen, 1826
 검정볼기쉬파리
 FAMILY SEPSIDAE 꼭지파리과
 Genus *Sepsis* Fallén, 1810 꼭지파리속
Sepsis monostigma Thomson, 1869 꼭지파리*
 FAMILY SYRPHIDAE 꽃등에과
 Genus *Allobaccha* Curran, 1928
Allobaccha apicalis (Loew, 1858)
 끝검정알락꽃등에
 Genus *Allograpta* Osten Sacken, 1875
Allograpta javana (Wiedemann, 1824) 자바꽃등에
 Genus *Betasyrphus* Matsumura, 1917
Betasyrphus serarius (Wiedemann, 1830)
 검정넓적꽃등에
 Genus *Dasyrphus* Enderlein, 1938
Dasyrphus bilineatus (Matsumura, 1917)
 두줄꽃등에
 Genus *Episyrphus* Matsumura & Adachi, 1917
Episyrphus balteatus (De Geer, 1776) 호리꽃등에
 Genus *Eristalis* Latreille, 1804
Eristalis cerealis Fabricius, 1805 배짧은꽃등에
Eristalis tenax (Linnaeus, 1758) 꽃등에
 Genus *Melanostoma* Schiner, 1860
Melanostoma mellinum (Linnaeus, 1758)

광붙이꽃등에
 Genus *Metasyrphus* Matsumura, 1917
Metasyrphus corollae (Fabricius, 1794)
 벌넓적꽃등에
Metasyrphus nitens (Zetterstedt, 1843)
 물결넓적꽃등에
 Genus *Scaeva* Fabricius, 1805
Scaeva komabensis (Matsumura, 1918)
 육점박이꽃등에
 Genus *Sphaerophoria* Lepeletier & Serville, 1828
Sphaerophoria contigua Macquart, 1847 애꽃등에
Sphaerophoria menthastri (Linnaeus, 1758)
 꼬마꽃등에
 Genus *Xanthandrus* Verrall, 1901
Xanthandrus comtus (Harris, 1780)
 녀점박이꽃등에
 FAMILY TEPHRITIDAE 과실파리과
 Genus *Ensina* Robineau-Desvoidy, 1830
Ensina sonchi (Linnaeus, 1767) 대륙풀과실파리
 Genus *Trupanea* Schrank, 1795
Trupanea gratiosa Ito, 1952 고들빼기과실파리
 ORDER HEMIPTERA 노린재목
 FAMILY ALYDIDAE 호리허리노린재과
 Genus *Leptocoris* Latreille, 1829 호리허리노린재속
Leptocoris chinensis (Dallas, 1852)
 호리허리노린재
 FAMILY ANTHOCORIDAE 꽃노린재과
 Genus *Orius* Wolff, 1811 애꽃노린재속
Orius sauteri (Poppus, 1909) 애꽃노린재
 FAMILY APHIDIDAE 진딧물과
 Genus *Aphis* Linnaeus, 1758 진딧물속
Aphis nerii Boyer De Fonscolombe, 1841
 박주가리진딧물
Aphis rumicis Linnaeus, 1758 소루쟁이진딧물
 FAMILY CICADELLIDAE 매미충과
 Genus *Balclutha* Kirkaldy, 1900 검정가슴매미충속
Balclutha rubrinervis (Matsumura, 1902)
 주홍알락매미충
 Genus *Batracomorphus* Lewis, 1834 상제머리매미충속
Batracomorphus diminutus (Matsumura, 1912)
 Genus *Hishimonus* Ishihara, 1953 모무늬매미충속
Hishimonus sellatus (Uhler, 1896) 모무늬매미충
 Genus *Laburrus* Ribaut, 1942 황록매미충속
Laburrus (Laburrus) impictifrons (Boheman, 1852)
 황록매미충
 Genus *Macrosteles* Fieber, 1866 꼬마매미충속
Macrosteles striifrons Anufriev, 1968 꼭지매미충
 Genus *Psammodittix* Haupt, 1929 알락매미충속
Psammodittix striata (Linnaeus, 1758) 알락매미충
 Genus *Recilia* Edwards, 1922 잡초매미충속
Recilia coronifera (Marshall, 1866) 잡초매미충
 Genus *Maiestas* Distant, 1917
Maiestas oryzae (Matsumura, 1902) 벼알락매미충
 FAMILY CYDNIDAE 땅노린재과

Genus *Geotomus* Mulsant & Rey, 1866
Geotomus convexus Hsiao, 1977 북쪽애땅노린재
Geotomus pygmaeus (Dallas, 1851) 애땅노린재
 FAMILY DELPHACIDAE 멸구과
 Genus *Laodelphax* Fennah, 1963 애멸구속
Laodelphax striatellus (Fallén, 1826) 애멸구
 Genus *Sogatella* Fennah, 1956 흰등멸구속
Sogatella fureifera (Horvath, 1899) 흰등멸구
Sogatella kolophon Kirkaldy, 1907 흰등멸구붙이
 Genus *Unkanodes* Fennah, 1956 운계멸구속
Unkanodes sapporonus (Matsumura, 1935)
 운계멸구
 FAMILY LYGAEIDAE 긴노린재과
 Genus *Horridipamera* Malipatil, 1978
 검정알락긴노린재속
Horridipamera inconspicua (Dallas, 1852)
 흰점알락긴노린재
 Genus *Nysius* Dallas, 1852 애긴노린재속
Nysius plebejus Distant, 1883 애긴노린재
 Genus *Paradieuches* Distant, 1883 갈색무늬긴노린재속
Paradieuches dissimilis (Distant, 1883)
 갈색무늬긴노린재
 Genus *Paromius* Fieber, 1860 흑다리긴노린재속
Paromius exiguous (Distant, 1883)
 흑다리긴노린재*
 Genus *Stigmatonotum* Lindberg, 1927 꼬마긴노린재속
Stigmatonotum rufipes (Motschulsky, 1866)
 꼬마긴노린재
 FAMILY MIRIDAE 장님노린재과
 Genus *Campylomma* Reuter, 1878 독도장님노린재속
Campylomma lividicornis Reuter, 1912
 독도장님노린재
 Genus *Creontiades* Distant, 1883 날개홍선장님노린재속
Creontiades coloripes Hsiao & Meng, 1963
 날개홍선장님노린재
 Genus *Nesidiocoris* Kirkaldy, 1908 담배장님노린재속
Nesidiocoris tenuis (Reuter, 1895) 담배장님노린재
 Genus *Orthotylus* Fieber, 1858 들장님노린재속
Orthotylus flavosparsus (Sahlberg, 1841)
 명아주장님노린재
 Genus *Trigonotylus* Fieber, 1858 촉각장님노린재속
Trigonotylus caelestialium (Kirkaldy, 1902)
 빨간촉각장님노린재
 FAMILY NABIDAE 썩기노린재과
 Genus *Prostemma* Laporte, 1832 색날개썩기노린재속
Prostemma hilgendorffii Stein, 1878
 알락날개썩기노린재
 FAMILY PENTATOMIDAE 노린재과
 Genus *Glaucias* Kirkaldy, 1908 기름빛풀색노린재속
Glaucias subpunctatus (Walker, 1867)
 기름빛풀색노린재
 Genus *Nezara* Amyot & Serville, 1843 풀색노린재속
Nezara antennata Scott, 1874 풀색노린재
 FAMILY PIESMATIDAE 명아주노린재과

Genus *Piesma* Lepeletier & Serville, 1828
 명아주노린재속
Piesma capitatum (Wolff, 1804) 명아주노린재
Piesma maculatum (Laporte, 1833)
 두출명아주노린재
 FAMILY RHOPALIDAE 잡초노린재과
 Genus *Liorhyssus* Stål, 1870 투명잡초노린재속
Liorhyssus hyalinus (Fabricius, 1794)
 투명잡초노린재
 Genus *Rhopalus* Schilling, 1827 잡초노린재속
Rhopalus (Aeschyntelus) maculatus (Fieber, 1837) 붉은잡초노린재*
 FAMILY SCUTELERIDAE 광대노린재과
 Genus *Cantao* Amyot & Serville, 1843
 방패광대노린재속
Cantao ocellatus (Thunberg, 1784)
 방패광대노린재
 FAMILY TINGIDAE 방패벌레과
 Genus *Cantacader* Amyot & Serville, 1843
 부채방패벌레속
Cantacader lethierryi Scott, 1874 부채방패벌레
 FAMILY TRIOZIDAE 창나무이과
 Genus *Heterotrioza* Dobreau & Manolache, 1960
 명아주나무이속
Heterotrioza chenopodii (Reuter, 1876)
 명아주나무이
 ORDER HYMENOPTERA 벌목
 FAMILY BETHYLIDAE 침벌과
 Genus *Acrepyris* Kieffer, 1905 방패자루침벌속
Acrepyris minutus (Yasumatsu, 1955)
 방패자루침벌
 FAMILY CHALCIDIDAE 수중다리좀벌과
 Genus *Brachymeria* Westwood, 1829
Brachymeria minuta (Linnaeus, 1767)
 꼬마수중다리좀벌
 FAMILY EULOPHIDAE 좀벌과
 Genus *Diglyphus* Walker, 1844
Diglyphus isaea (Walker, 1838) 굴파리좀벌*
 FAMILY FORMICIDAE 개미과
 Genus *Brachyponera* (Emery, 1900) 왕침개미속
Brachyponera chinensis (Emery, 1895) 왕침개미
 Genus *Hypoconera* (Wheeler, 1906) 황침개미속
Hypoconera nippona (Santschi, 1937)
 긴수염황침개미
 Genus *Lasius* Fabricius, 1804 풀개미속
Lasius meridionalis (Bondroit, 1919) 나도황개미
 Genus *Monomorium* Mayr, 1855 꼬마개미속
Monomorium chinense (Santschi, 1925)
 검정꼬마개미
Monomorium intrudens Smith, 1874
 배검은꼬마개미
 Genus *Myrmecina* Curtis, 1829 가시방패개미속
Myrmecina nipponica Wheeler, 1906
 가시방패개미

- Genus *Pheidole* Westwood, 1839 흑개미속
Pheidole fervida Smith, 1874 극동흑개미
- Genus *Ponera* (Wheeler, 1906) 침개미속
Ponera japonica (Wheeler, 1906) 침개미
- Genus *Pristomyrmex* Mayr, 1866 그물등개미속
Pristomyrmex punctatus (Smith, 1860) 그물등개미
- Genus *Solenopsis* Westwood, 1840 마디개미속
Solenopsis japonica Wheeler, 1928
일본열마디개미
- Genus *Strumigenys* Smith, 1860 비늘개미속
Strumigenys lewisi Cameron, 1886 비늘개미
- Genus *Tetramorium* Mayr, 1855 주름개미속
Tetramorium tsushimae Emery, 1925 주름개미
FAMILY PTEROMALIDAE 금좀벌과
- Genus *Halticoptera* Spinola, 1811
Halticoptera circula (Walker, 1833)
노랑주걱금좀벌
ORDER LEPIDOPTERA 나비목
FAMILY CRAMBIDAE 풀명나방과
- Genus *Cnaphalocrocis* Lederer, 1863
Cnaphalocrocis medinalis (Guenée, 1854)
흑명나방
- Genus *Diaphania* Hubner, 1818
Diaphania indica (Saunders, 1851) 목화바둑명나방
- Genus *Maruca* Walker, 1859
Maruca vitrata (Fabricius, 1787) 콩명나방
- Genus *Palpita* Hubner, 1808
Palpita nigropunctalis Bremer, 1864
수수꽃다리명나방
- Genus *Spoladea* Guenée, 1854
Spoladea recurvalis (Fabricius, 1775) 흰띠명나방
FAMILY EREBIDAE 태극나방과
- Genus *Arcte* Kollar, 1844
Arcte coerulea (Guenée, 1852) 암청색줄무늬밤나방
- Genus *Catocala* Schrank, 1802
Catocala dula Bremer, 1861 붉은뒷날개나방
- Genus *Daddala* Walker, 1865
Daddala lucilla (Butler, 1881) 톱날무늬잎밤나방
- Genus *Thyas* Koch, 1837
Thyas juno (Dalman, 1823) 무궁화무늬나방
FAMILY GEOMETRIDAE 자나방과
- Genus *Odontopera* Stephens, 1831
Odontopera arida (Butler, 1878)
남방갈고리가자나방
- Genus *Scopula* Schrank, 1802
Scopula ignobilis (Warren, 1901)
넉점물결애기자나방
FAMILY HESPERIIDAE 팔랑나비과
- Genus *Parnara* Moore, 1881
Parnara guttata (Bremer & Grey, 1852)
줄점팔랑나비
FAMILY LYCAENIDAE 부전나비과
- Genus *Arhopala* Boisduval, 1832
Arhopala bazalus (Hewitson, 1862)
남방남색꼬리부전나비
- Genus *Zizeeria* Chapman, 1910 남방부전나비속
Zizeeria maha (Kollar, 1844) 남방부전나비
FAMILY NOCTUIDAE 밤나방과
- Genus *Agrotis* Ochsenheimer, 1816
Agrotis ipsilon (Hufnagel, 1766) 검거세미밤나방
- Genus *Callopietria* Hubner, 1816
Callopietria argyrosticta (Butler, 1881)
은무늬어린밤나방
- Genus *Cosmia* Ochsenheimer, 1816
Cosmia achatina Butler, 1879 제주꼬마밤나방
- Genus *Diarsia* Hubner, 1821
Diarsia canescens (Butler, 1878) 물결밤나방
- Genus *Macdunnoughia* Kostrowicki, 1961
Macdunnoughia confusa (Stephens, 1850)
국화은무늬밤나방
Macdunnoughia crassisigna (Warren, 1913)
큰국화은무늬밤나방
- Genus *Mythimna* Ochsenheimer, 1816
Mythimna separata (Walker, 1865) 멸강나방
FAMILY NYMPHALIDAE 네발나비과
- Genus *Vanessa* Fabricius, 1807
Vanessa cardui (Linnaeus, 1758) 작은멋쟁이나비
Vanessa indica (Herbst, 1794) 큰멋쟁이나비
FAMILY PAPILIONIDAE 호랑나비과
- Genus *Papilio* Linnaeus, 1758
Papilio xuthus Linnaeus, 1767 호랑나비
FAMILY PIERIDAE 흰나비과
- Genus *Colias* Fabricius, 1807
Colias erate (Esper, 1805) 노랑나비*
FAMILY PLUTELLIDAE 좀나방과
- Genus *Plutella* Schrank, 1802
Plutella xylostella (Linnaeus, 1758) 배추좀나방
FAMILY PYRALIDAE 명나방과
- Genus *Oncocera* Stephens, 1892
Oncocera semirubella (Scopoli, 1763)
앞붉은명나방
FAMILY SPHINGIDAE 박각시과
- Genus *Macroglossum* Scopoli, 1777
Macroglossum stellatarum (Linnaeus, 1758)
꼬리박각시
FAMILY TORTRICIDAE 잎말이나방과
- Genus *Adoxophyes* Meyrick, 1881
Adoxophyes orana (Fischer von Röslerstamm, 1834) 애모무늬잎말이나방
- Genus *Archips* Hubner, 1822
Archips oporana (Linnaeus, 1758)
솔잎말이나방 (소나무잎말이나방)
- Genus *Cochylidia* Obraztsov, 1956
Cochylidia contumescens (Meyrick, 1931)
큰횡줄가는잎말이나방
Cochylidia richteriana (Fischer von Röslerstamm, 1837) 갈색가는잎말이나방
- Genus *Tortrix* Linnaeus, 1758

Tortrix sinapina (Butler, 1879)
그물노랑잎말이나방
FAMILY YPONOMEUTIDAE 집나방과
Genus *Yponomeuta* Latreille, 1796
Yponomeuta meguronis Matsumura, 1931
ORDER NEUROPTERA 풀잠자리목
FAMILY CHRYSOPIDAE 풀잠자리과
Genus *Chrysopa* Leach, 1815
Chrysopa pallens Rambur, 1836 칠성풀잠자리
Genus *Cunctochrysa* Hölzel, 1970 띠풀잠자리속
Cunctochrysa albolineata (Killington, 1935)
흰띠풀잠자리*
FAMILY HEMEROBIIDAE 뱀잠자리붙이과
Genus *Hemerobius* Linnaeus, 1758
Hemerobius humulinus Linnaeus, 1758
산뱀잠자리붙이
ORDER ODONATA 잠자리목
FAMILY AESHNIDAE 왕잠자리과
Genus *Anax* Leach, 1815 왕잠자리속
Anax parthenope julius Brauer, 1865 왕잠자리
FAMILY COENAGRIONIDAE 실잠자리과
Genus *Ischnura* Charpentier, 1840 아시아실잠자리속
Ischnura asiatica (Brauer, 1865) 아시아실잠자리
FAMILY LIBELLULIDAE 잠자리과
Genus *Pantala* Hagen, 1861 뒀장잠자리속
Pantala flavescens (Fabricius, 1798) 뒀장잠자리
Genus *Rhyothemis* Hage, 1867 나비잠자리속
Rhyothemis fulginosa Selys, 1883 나비잠자리
Genus *Sympetrum* Newman, 1833 좀잠자리속
Sympetrum darwinianum (Selys, 1883)
여름좀잠자리
ORDER ORTHOPTERA 메뚜기목
FAMILY GRYLLIDAE 귀뚜라미과
Genus *Teleogryllus* Chopard, 1961 왕귀뚜라미속
Teleogryllus (Brachyteleogryllus) emma (Ohmachi & Matsuura, 1951) 왕귀뚜라미
Genus *Velarifictorus* Randell, 1964 극동귀뚜라미속
Velarifictorus (Velarifictorus) aspersus (Walker, 1869) 탈귀뚜라미
FAMILY MOGOPLISTIDAE 털귀뚜라미과
Genus *Ornebius* Guérin-Ménéville, 1844 털귀뚜라미속
Ornebius kanetataki (Matsumura, 1911) 털귀뚜라미
CLASS COLLEMBOLA 툃토기강
ORDER PODUROMORPHA 물툃토기목
FAMILY HYPOGASTRURIDAE 보라툃토기과
Genus *Ceratophysella* Börner, 1932 혀보라툃토기속
Ceratophysella denticulate (Bagnall, 1941)
이빨보라툃토기
PHYLUM ARTHROPODA 절지동물문
CLASS BRANCHIOPODA
ORDER ONYCHOPODA
FAMILY PODONIDAE
Genus *Pleopis* Dana, 1853
Pleopis polyphemoides (Leuckart, 1859)*

CLASS HEXANAUPLIA
ORDER LEPADIFORMES
FAMILY LEPADIDAE 조개삿갓과
Genus *Lepas* Linnaeus, 1758 조개삿갓속
Lepas anatifera Linnaeus, 1758 민조개삿갓
Lepas anserifera Linnaeus, 1767 조개삿갓
ORDER SCALPELLIFORMES
FAMILY SCALPELLIDAE 부처손과
Genus *Pollicipes* Leach, 1817 거북손속
Pollicipes mitella (Linnaeus, 1758) 거북손
ORDER SESSILIA
FAMILY ARCHAEOBALANIDAE 옛따개비과
Genus *Acasta* Leach, 1817 해면따개비속
Acasta dofeini Krüger, 1911 털해면따개비
Acasta sulcata Lamarck, 1818 거칠해면따개비*
FAMILY BALANIDAE 따개비과
Genus *Amphibalanus* Pitombo, 2004
Amphibalanus improvisus (Darwin, 1854)
흰따개비
Genus *Balanus* Da costa, 1778 따개비속
Balanus trigonus Darwin, 1854 삼각따개비
Genus *Fistulobalanus* Zullo, 1984
Fistulobalanus kondakovi Tarasov & Zevina, 1957
세로줄따개비
Genus *Megabalanus* Hoek, 1913 빨강따개비속
Megabalanus rosa (Pilsbry, 1916) 빨강따개비
Megabalanus volcano (Pilsbry, 1916) 큰빨강따개비
FAMILY CHTHAMALIDAE 조무래기따개비과
Genus *Chthamalus* Ranzani, 1817 조무래기따개비속
Chthamalus challengereri Hoek, 1883
조무래기따개비
Chthamalus dalli Pilsbry, 1916
북방조무래기따개비
Genus *Octomeris* Sowerby, 1825 팔각따개비속
Octomeris sulcata Nilsson-Cantell, 1932
팔각따개비
FAMILY TETRACLITIDAE 사각따개비과
Genus *Tetraclita* Schumacher, 1817 사각따개비속
Tetraclita japonica Pilsbry, 1916 검은큰따개비
CLASS MALACOSTRACA 연갑강
ORDER AMPHIPODA 단각목
FAMILY AMPELISCIDAE 안경옆새우과
Genus *Ampelisca* Krøyer, 1842 안경옆새우속
Ampelisca brevicornis Costa, 1853
짧은빨안경옆새우*
FAMILY AMPHILOCHIDAE
짧은꼬리옆새우과
Genus *Hourstonius* Hoover & Bousfield, 2001
허스토니어스속
Hourstonius koreana (Kim & Kim, 1992)
짧은꼬리옆새우*
Genus *Paramphiloichus* Ishimaru & Ikehara, 1986
내민손짧은꼬리옆새우속
Paramphiloichus parachelatus Ishimaru & Ikehara,

- 1986 내민손짧은꼬리옆새우*
 FAMILY AMPITHOIDEAE 참옆새우과
 Genus *Ampithoe* Leach, 1814 참옆새우속
Ampithoe brevipalma Kim & Kim, 1988
 짧은손참옆새우
Ampithoe koreana Kim & Kim, 1988 큰손참옆새우
Ampithoe lacertosa Bate, 1858 태평양참옆새우
Ampithoe ramondi Audouin, 1826 갈래손참옆새우
Ampithoe schmizuensis Stephensen, 1944
 오목손참옆새우
Ampithoe valida Smith, 1873 볼록손참옆새우
 Genus *Sunamphitoe* Spence Bate, 1857 민참옆새우속
Sunamphitoe baegryeongensis Kim & Kim, 1988
 백령도참옆새우*
Sunamphitoe namhaensis Kim & Kim, 1988
 남해참옆새우
 FAMILY CAPRELLIDAE 바다대벌레과
 Genus *Caprella* Lamarck, 1801 바다대벌레속
Caprella acanthogaster Mayer, 1890
 가시투성바다대벌레
Caprella brevirostris Mayer, 1903
 가시다리바다대벌레
Caprella californica Stimpson, 1856
 뾰족머리가슴가시바다대벌레
Caprella danilevskii Czerniavski, 1868
 매끈이바다대벌레
Caprella decipiens Mayer, 1890
 짧은마디더듬이민다리바다대벌레
Caprella equilibra Say, 1818
 가슴가시바다대벌레
Caprella eximia Mayer, 1890
 두줄등가시바다대벌레*
Caprella linearis Linnaeus, 1767
 털더듬이바다대벌레*
Caprella mixta Mayer, 1903
 긴마디더듬이바다대벌레*
Caprella penantis Leach, 1814
 둥근아가미바다대벌레
Caprella scaura Templeton, 1836
 뾰족머리바다대벌레
Caprella simia Mayer, 1903
 뾰족머리긴팔바다대벌레*
Caprella subinermis Mayer, 1890
 갈고리손바다대벌레
Caprella tsugarensis Utinomi, 1947
 짧은팔바다대벌레
Caprella verrucosa Boeck, 1871
 혹등바다대벌레
 Genus *Paracaprella* Mayer, 1890 바다대벌레붙이속
Paracaprella crassa Mayer, 1903
 세옆돌기바다대벌레붙이
 FAMILY COLOMASTIGIDAE
 해면살이옆새우과
 Genus *Colomastix* Grube, 1861 해면살이옆새우속
Colomastix japonica Bulyčeva, 1955
 일본해면살이옆새우*
Colomastix prionotos Kim & Kim, 1991
 가시해면살이옆새우*
 FAMILY DEXAMINIDAE 붙은꼬리옆새우과
 Genus *Guernea* Chevreux, 1887 올찬붙은꼬리옆새우속
Guernea ezoensis Ishimaru, 1987
 홋카이도붙은꼬리옆새우*
 Genus *Paradexamine* Stebbing, 1899
 옆가시붙은꼬리옆새우속
Paradexamine fraudatrix Tzvetkova, 1976
 보통옆가시붙은꼬리옆새우*
 FAMILY ECOPHLIANTIDAE 벌레옆새우과
 Genus *Ceinina* Stephensen, 1933
Ceinina japonica Stephensen, 1933
 미역속살이벌레옆새우*
 FAMILY HYALIDAE 해조숨이옆새우과
 Genus *Apohyale* Bousfield & Hendrycks, 2002
Apohyale punctata (Hiwatari & Kajihara, 1981)
 짧은채찍해조숨이옆새우
 Genus *Protohyale* Bousfield & Hendrycks, 2002
Protohyale (Boreohyale) pumila (Hiwatari & Kajihara, 1981) 꼬마채찍해조숨이옆새우
Protohyale triangulate Hiwatari, 2003
 세모손해조숨이옆새우
 FAMILY HYPERIIDAE 하늘옆새우과
 Genus *Hyperia* Latreille, 1823
Hyperia galba (Montagu, 1813)
 작은머리하늘옆새우*
 FAMILY ISCHYROCERIDAE
 육질꼬리옆새우붙이과
 Genus *Erichthonius* Milne Edwards, 1830
Erichthonius pugnax (Dana, 1852)
 넓은마디육질꼬리옆새우붙이
 Genus *Jassa* Leach, 1814
Jassa marmorata Holmes, 1903
 큰가위손육질꼬리옆새우붙이*
Jassa morinói Conlan, 1990
 털꼬리육질꼬리옆새우붙이*
Jassa slatteryi Conlan, 1990
 보통육질꼬리옆새우붙이*
 Genus *Ventojassa* J.L. Barnard, 1970
Ventojassa dentipalma Kim & Kim, 1991
 가시손육질꼬리옆새우붙이*
 FAMILY LEUCOTHOIDAE 공생옆새우과
 Genus *Leucothoe* Leach, 1814
Leucothoe nagatai Ishimaru, 1985
 짧은손가락공생옆새우*
Leucothoe spinicarpa (Abildgaard, 1789)
 긴손가락공생옆새우*
 Genus *Paranamixis* Schellenberg, 1938 한손옆새우속
Paranamixis denticulus Kim & Kim, 1991
 곰보병신옆새우*
 FAMILY MAERIDAE 마에라옆새우과

- Genus *Elasmopus* Costa, 1853
Elasmopus koreanus Kim & Kim, 1991
 한국멜리타옆새우*
- Genus *Orientomaera* Ariyama, 2018
Orientomaera brevispina (Kim & Kim, 1991)
 짧은가시멜리타옆새우
- Genus *Quadrimaera* Krapp-Schickel & Ruffo, 2000
Quadrimaera pacifica (Schellenberg, 1938)
 태평양멜리타옆새우
 FAMILY PHOTIDAE 꼬리다리옆새우과
- Genus *Gammaropsis* Lilljeborg, 1855
Gammaropsis japonicus (Nagata, 1961)
 극동육질꼬리옆새우
 FAMILY PLEUSTIDAE 주걱턱옆새우과
- Genus *Incisocalliope* J.L. Barnard, 1959
Incisocalliope derzhavini (Gurjanova, 1938)
 북쪽주걱턱옆새우*
 FAMILY PODOCERIDAE 긴배옆새우과
- Genus *Podocerus* Leach, 1814
Podocerus hoonsooi Kim & Kim, 1991
 등뿔긴배옆새우*
Podocerus ulreungensis Kim & Kim, 1991
 가시손긴배옆새우
 FAMILY PONTOGENEIIDAE
- Genus *Eusiroides* Stebbing, 1888
Eusiroides japonica Hirayama, 1985
 극동짧은채찍옆새우*
- Genus *Pontogeneia* Boeck, 1871
Pontogeneia rostrata Gurjanova, 1938
 북태평양짧은채찍옆새우
 FAMILY STENOTHOIDAE 예쁜이옆새우과
- Genus *Stenothoe* Dana, 1852
Stenothoe valida Dana, 1853 꼬마예쁜이옆새우
 FAMILY TALITRIDAE 도약옆새우과
- Genus *Platorchestia* Bousfield, 1982 도약옆새우속
Platorchestia joi Stock & Biernbaum, 1994
 도약옆새우
 ORDER DECAPODA 십각목
 FAMILY ALPHEIDAE 딱총새우과
- Genus *Alpheus* Fabricius, 1798 딱총새우속
Alpheus bisincisus De Haan, 1849 흠발딱총새우*
- Genus *Athanas* Leach, 1814
Athanas japonicus Kubo, 1936 꼬마딱총새우*
- Genus *Salmoneus* Holthuis, 1955
 가는손가락딱총새우속
Salmoneus gracilipes Miya, 1972
 가는손가락딱총새우
- Genus *Synalpheus* Bate, 1888 세이마뿔딱총새우속
Synalpheus tumidomanus tumidomanus
 (Paul'son, 1875) 세이마뿔딱총새우
 FAMILY AXIIDAE 가재아재비과
- Genus *Allaxius* Sakai & de Saint Laurent, 1989
 가재아재비속
Allaxius princeps (Boas, 1880) 가재아재비
- FAMILY CANCRIDAE 은행계과
- Genus *Romaleon* Gistel, 1848 두드리기은행계속
Romaleon gibbosulum (De Haan, 1835)
 두드리기은행계*
- Genus *Glebocarcinus* Nations, 1975
Glebocarcinus amphioetus Rathbun, 1898
 꼬마은행계*
- FAMILY CRANGONIDAE 자주새우과
- Genus *Neocrangon* Zarenkov, 1965 두가시자주새우속
Neocrangon communis Rathbun, 1899
 두가시자주새우*
- FAMILY DIOGENIDAE 넓적원손집계과
- Genus *Areopaguristes* Rahayu & McLaughlin, 2010
 꼬마긴눈집계속
Areopaguristes japonicus Miyake, 1961
 작은꼬마긴눈집계
- Genus *Ciliopagurus* Forest, 1995 고리무늬집계속
Ciliopagurus krempfi Forest, 1952
 흰발가락고리무늬집계
Ciliopagurus strigatus Herbst, 1804
 분홍고리무늬집계
- Genus *Clibanarius* Dana, 1852 청색가로가위집계속
Clibanarius virescens Krauss, 1843
 청색가로가위집계
- Genus *Dardanus* Paulson, 1875 원손집계속
Dardanus arrosor Herbst, 1796 털출원손집계
Dardanus aspersus Berthold, 1846 붉은점원손집계
Dardanus crassimanus H. Milne-Edwards, 1836
 벽돌길원손집계
Dardanus impressus De Haan, 1849
 두드리기원손집계
Dardanus pedunculatus Herbst, 1804
 굵은눈원손집계
- Genus *Diogenes* Dana, 1851 넓적원손집계속
Diogenes edwardsii De Haan, 1849 넓적원손집계
Diogenes nitidimanus Terao, 1913 긴원손집계
- Genus *Paguristes* Dana, 1851 긴눈집계속
Paguristes acanthomerus Ortmann, 1892
 가시긴마디긴눈집계
Paguristes digitalis Stimpson, 1858
 갈색털보긴눈집계
Paguristes ortmanni Miyake, 1978 털보긴눈집계
Paguristes seminudus Stimpson, 1858
 발가숭이긴눈집계
 FAMILY DROMIIDAE 해면치레과
- Genus *Cryptodromia* Stimpson, 1858 갯가해면치레속
Cryptodromia tumida Stimpson, 1858
 갯가해면치레
- Genus *Metadromia* McLay, 2009 솜털문히속
Metadromia wilsoni (Fulton & Grant, 1902)
 솜털문히
- Genus *Paradromia* Balss, 1921 갯솜문히속
Paradromia japonica (Henderson, 1888) 갯솜문히
 FAMILY EPIALTIIDAE 뿔물맞이계과

- Genus *Huenia* De Haan, 1837 외빨게속
Huenia heraldica (De Haan, 1837) 외빨게*
- Genus *Pisoides* H. Milne Edwards & Lucas, 1843
Pisoides bidentatus (A. Milne-Edwards, 1873)
 어리물맞이게
- Genus *Pugettia* Dana, 1851 빨물맞이게속
Pugettia intermedia Sakai, 1938 중간빨물맞이게
Pugettia quadridens (De Haan, 1839) 빨물맞이게
- Genus *Scyra* Dana, 1851 납작빨게속
Scyra compressipes Stimpson, 1857 납작빨게*
 FAMILY GALATHEIDAE 새우붙이과
- Genus *Galathea* Fabricius, 1793 새우붙이속
Galathea orientalis Stimpson, 1858 새우붙이
 FAMILY GRAPSIDAE 바위게과
- Genus *Pachygrapsus* Randall, 1840 바위게속
Pachygrapsus crassipes Randall, 1840 바위게
 FAMILY HAPALOGASTRIDAE 어리게과
- Genus *Oedignathus* Benedict, 1895 두드러기어리게속
Oedignathus inermis (Stimpson, 1860)
 두드러기어리게
 FAMILY HYMENOSOMATIDAE 말랑게과
- Genus *Neohymenicus* J.S. Lucas, 1981
Neohymenicus orientalis Sakai, 1932 같은빨말랑게
- Genus *Rhynchoplax* Stimpson, 1858 말랑게속
Rhynchoplax messor Stimpson, 1858 주걱말랑게
- Genus *Stimpsoplax* Poore, Guinot, Komai & Naruse, 2016
Stimpsoplax setirostris Stimpson, 1858
 가는다리말랑게*
 FAMILY INACHIDAE 거미다리게과
- Genus *Achaeus* Leach, 1817 아케우스게속
Achaeus japonicus De Haan, 1839 아케우스게*
Achaeus spinosus Miers, 1879 가시아케우스게*
 FAMILY LAOMEDIIDAE 가재붙이과
- Genus *Laomedia* De Haan, 1841 가재붙이속
Laomedia astacina De Haan, 1841 가재붙이
 FAMILY LUCIFERIDAE 창새우과
- Genus *Lucifer* J.V. Thompson, 1829 창새우속
Lucifer typus H. Milne Edwards, 1837 전형창새우*
 FAMILY MAJIDAE 물맞이게과
- Genus *Leptomithrax* Miers, 1876 두드럭게속
Leptomithrax edwardsii De Haan, 1835 두드럭게*
 FAMILY MENIPPIDAE 비단부채게과
- Genus *Sphaerozius* Stimpson, 1858 비단부채게속
Sphaerozius nitidus Stimpson, 1858 비단부채게*
 FAMILY OREGONIIDAE 긴집게발게과
- Genus *Chionoecetes* Krøyer, 1838 대게속
Chionoecetes opilio O. Fabricius, 1788 대게*
- Genus *Hyas* Leach, 1814 두꺼비게속
Hyas coarctatus Leach, 1815 두꺼비게*
 FAMILY PAGURIDAE 집게과
- Genus *Boninpagurus* Asakura & Tachikawa, 2004
 줄무늬참집게속
Boninpagurus pilosipes (Stimpson, 1858)
 줄무늬참집게
- Genus *Elassochirus* Benedict, 1892 오목손참집게속
Elassochirus cavimanus (Miers, 1879)
 오목손참집게*
- Genus *Pagurus* Fabricius, 1775 참집게속
Pagurus conformis De Haan, 1849 큰발참집게
Pagurus exiguus Melin, 1939 동도참집게
Pagurus imaii (Yokoya, 1939) 서도참집게
Pagurus japonicus (Stimpson, 1858)
 붉은눈자루참집게
Pagurus lanuginosus De Haan, 1849 털다리참집게
Pagurus maculosus Komai & Imafuku, 1996
 가는몸참집게
Pagurus nigriiittatus Komai, 2003
 검은줄무늬참집게
Pagurus ochotensis Brandt, 1851 북방참집게*
Pagurus pectinatus (Stimpson, 1858) 빗참집게
Pagurus rubrior Komai, 2003 얼룩참집게
Pagurus similis (Ortmann, 1892) 주황얼룩참집게
Pagurus trigonocheirus Stimpson, 1858
 세모손참집게*
 FAMILY PALAEMONIDAE 징거미새우과
- Genus *Palaemon* Weber, 1795 줄새우속
Palaemon pacificus Stimpson, 1860 태평줄새우*
 FAMILY PANDALIDAE 도화새우과
- Genus *Pandalopsis* Spence Bate, 1888
 물렁가시붉은새우속
Pandalopsis japonica Balss, 1914
 물렁가시붉은새우*
- Genus *Pandalus* Leach, 1814 도화새우속
Pandalus eous Makarov, 1935 북쪽분홍새우*
Pandalus hypsinotus J.F. Brandt, 1851 도화새우*
Pandalus prensor Stimpson, 1860
 좁은비늘도화새우*
 FAMILY PILUMNIDAE 아기털보부채게과
- Genus *Actumnus* Dana, 1851 콩알부채게속
Actumnus elegans De Man, 1888 직각눈콩알게
- Genus *Benthopanope* Davie, 1989 네톱니부채게속
Benthopanope indica De Man, 1887
 네톱니부채게*
- Genus *Heteropilumnus* De Man, 1895 털보부채게속
Heteropilumnus ciliatus (Stimpson, 1858)
 털보부채게
- Genus *Pilumnopeus* A. Milne-Edwards, 1867
 털손네톱니부채게속
Pilumnopeus makianus Rathbun, 1931
 두드러기네톱니부채게*
- Genus *Pilumnus* Leach, 1815 아기털보부채게속
Pilumnus minutus D. haan, 1835 아기털보부채게
 FAMILY POLYBIIDAE 주름꽃게과
- Genus *Liocarcinus* Stimpson, 1871 주름꽃게속
Liocarcinus corrugatus Pennant, 1777 주름꽃게*
 FAMILY PORCELLANIDAE 게붙이과
- Genus *Enosteoides* D.S. Johnson, 1970 가시게붙이속

Enosteoides ornatus (Stimpson, 1585) 가시게불이*
 Genus *Pachycheles* Stimpson, 1858 게불이속
Pachycheles hertwigi Balss, 1913 털손게불이*
Pachycheles stevensii Stimpson, 1858 게불이
 Genus *Petrolisthes* Stimpson, 1858 갯가게불이속
Petrolisthes japonicus (De Haan, 1849) 갯가게불이
 Genus *Pisidia* Leach, 1820 알통게불이속
Pisidia serratifrons (Stimpson, 1858) 알통게불이
 FAMILY PORTUNIDAE 꽃게과
 Genus *Charybdis* De Haan, 1833 민꽃게속
Charybdis (Charybdis) acuta A. Milne-Edwards, 1869 홍색민꽃게*
Charybdis bimaculata Miers, 1886 두점박이민꽃게*
 Genus *Portunus* Weber, 1795 꽃게속
Portunus (Portunus) trituberculatus (Miers, 1876) 꽃게
 Genus *Thalamita* Latreille, 1829 두갈래민꽃게속
Thalamita pelsarti Montgomery, 1931 여섯갈래민꽃게*
Thalamita sima H. Milne Edwards, 1834 두갈래민꽃게
 FAMILY PYLOCHELIDAE 빨조개집게과
 Genus *Pomatocheles* Miers, 1879 빨조개집게속
Pomatocheles jeffreysii Miers, 1879 빨조개집게
 FAMILY RHYNCHOCINETIDAE 끄덕새우과
 Genus *Rhynchocinetes* H. Milne Edwards, 1837 끄덕새우속
Rhynchocinetes uritai Kubo, 1942 끄덕새우
 FAMILY SESARMIDAE 사각게과
 Genus *Parasesarma* de Man, 1895 사각게속
Parasesarma pictum De Haan, 1835 사각게*
 FAMILY THORIDAE 토르꼬마새우과
 Genus *Eualus* Thallwitz, 1891 갯가꼬마새우속
Eualus leptognathus Stimpson, 1860 잘피갯가꼬마새우
Eualus sinensis (Yu, 1931) 갯가꼬마새우*
 Genus *Heptacarpus* Holmes, 1900 좁은빨꼬마새우속
Heptacarpus rectirostris Stimpson, 1860 좁은빨꼬마새우
 Genus *Lebbeus* White, 1847 가시배새우속
Lebbeus groenlandicus J.C. Fabricius, 1775 가시배새우*
 FAMILY UPOGEBIIDAE 썩과
 Genus *Upogebia* Leach, 1814 썩속
Upogebia major De Haan, 1841 썩
 FAMILY VARUNIDAE 참게과
 Genus *Cyclograpsus* H. Milne Edwards, 1837 비단게속
Cyclograpsus intermedius Ortmann, 1894 비단게
 Genus *Gaetice* Gistel, 1848 납작게속
Gaetice depressus (De Haan, 1833) 납작게
 Genus *Hemigrapsus* Dana, 1851 풀게속
Hemigrapsus penicillatus (De Haan, 1835) 풀게
Hemigrapsus sanguineus (De Haan, 1835)

무늬발게
 FAMILY XANTHIDAE 부채게과
 Genus *Actaea* De Haan, 1833 음부채게속
Actaea semblatae Guinot, 1976 음부채게
 Genus *Atergatis* De Haan, 1833 송편게속
Atergatis reticulatus De Haan, 1835 주름송편게*
 Genus *Cycloxanthops* Rathbun, 1897 차양부채게속
Cycloxanthops truncatus (De Haan, 1837) 차양부채게
 Genus *Gaillardiiellus* Guinot, 1976 털부채게속
Gaillardiiellus orientalis (Odhner, 1925) 털부채게
 Genus *Medaeops* Guinot, 1967 두드러기부채게속
Medaeops granulosus Haswell, 1882 두드러기부채게
 Genus *Microcassiope* Guinot, 1967 작은꽃부채게속
Microcassiope orientalis Takeda & Miyake, 1969 작은꽃부채게
 Genus *Nanocassiope* Guinot, 1967 꼬마부채게속
Nanocassiope granulipes T. Sakai, 1939 꼬마부채게*
 Genus *Palapedia* Ng, 1993 접시부채게속
Palapedia integra (De Haan, 1835) 접시부채게
 ORDER ISOPODA 등각목
 FAMILY CIROLANIDAE 모래무지벌레과
 Genus *Cirolana* Leach, 1818 모래무지벌레속
Cirolana koreana Kwon, 1988 얼룩모래무지벌레*
Cirolana toyamaensis Nunomura, 1982 울퉁모래무지벌레
 FAMILY IDOTEIDAE 주걱벌레과
 Genus *Cleantiella* Richardson, 1912 갯주걱벌레속
Cleantiella isopus (Miers, 1881) 갯주걱벌레
 Genus *Idotea* Fabricius, 1798 주걱벌레속
Idotea metallica Bosc, 1802 떠돌이주걱벌레
Idotea ochotensis Brandt, 1851 북방주걱벌레
 Genus *Synidotea* Harger, 1878 둥근주걱벌레속
Synidotea hikigawaensis Nunomura, 1974 히키가와둥근주걱벌레
Synidotea laevidorsalis (Miers, 1881) 둥근주걱벌레
 FAMILY LIGIIDAE 갯강구과
 Genus *Ligia* Fabricius, 1798 갯강구속
Ligia exotica Roux, 1828 갯강구
 FAMILY SPHAEROMATIDAE 잔벌레과
 Genus *Dynoides* Barnard, 1914 빨잔벌레속
Dynoides brevispina Bruce, 1980 넓적빨잔벌레
Dynoides dentisinus Shen, 1929 가시흙빨잔벌레
Dynoides spinipodus Kwon & Kim, 1986 가시다리빨잔벌레
 Genus *Holotelson* Richardson, 1909
Holotelson tuberculatus Richardson, 1909 세혹잔벌레
 FAMILY TAKUIDAE 가위갯가재과
 Genus *Taku* Manning, 1995 가위갯가재속

- Taku spinosocarinatus* Fukuda, 1909
가위갯가재*
- CLASS MAXILLOPODA 소악강
ORDER CALANOIDA 긴노요각목
FAMILY ACARTIIDAE 작은노벌레과
Genus *Acartia* Dana, 1846 작은노벌레속
Acartia omorii Bradford, 1976 오모리작은노벌레*
Acartia pacifica Steuer, 1915 태평양작은노벌레*
FAMILY CALANIDAE 노벌레과
Genus *Calanus* Leach, 1816 노벌레속
Calanus sinicus Brodsky, 1962 중국노벌레*
FAMILY CANDACIIDAE 장방노벌레과
Genus *Candacia* Dana, 1846 장방노벌레속
Candadia armata Boeck, 1872*
Candacia bipinnata (Giesbrecht, 1889)
두깃장방노벌레*
Candacia catula (Giesbrecht, 1889)
고양이장방노벌레*
Candacia simplex (Giesbrecht, 1889)*
FAMILY CENTROPAGIDAE 낮노벌레과
Genus *Centropages* Krøyer, 1849 낮노벌레속
Centropages abdominalis Sato, 1913 배낮노벌레*
Centropages violaceus (Claus, 1863)*
FAMILY CLUSOCALANIDAE
달힌곳노벌레과
Genus *Pseudocalanus* Boeck, 1872 헛노벌레속
Pseudocalanus minutus Krøyer, 1845*
FAMILY PARACALANIDAE 결노벌레과
Genus *Calocalanus* Giesbrecht, 1888 고운노벌레속
Calanus pavo (Dana, 1852) 공작고운노벌레*
FAMILY PONTELLIDAE 보트노벌레과
Genus *Labidocera* Lubbock, 1853 걸쇠뿔노벌레속
Labidocera euchaeta Giesbrecht, 1889
센털걸쇠뿔노벌레*
Labidocera johnsoni Fleminger, 1964*
Labidocera rotunda Mori, 1929
두가시걸쇠뿔노벌레*
Genus *Pontella* Dana, 1846 보트노벌레속
Pontella chierchiaie Giesbrecht, 1889
두갈래보트노벌레*
FAMILY TEMORIDAE 잡이뿔노벌레과
Genus *Temora* Baird, 1850 잡이뿔노벌레속
Temora discaudata Giesbrecht, 1889
비꼬리잡이뿔노벌레*
ORDER CYCLOPOIDA 검물벼룩목
FAMILY CORYCAEIDAE
Genus *Corycaeus* Dana, 1845 왕눈검물벼룩속
Corycaeus clausi Dahl F., 1894*
Corycaeus speciosus Dana, 1849
큰갈래꼬리왕눈검물벼룩*
FAMILY OITHONIDAE 긴배검물벼룩과
Genus *Oithona* Baird, 1843 긴배검물벼룩속
Oithona decipiens Farran, 1913 현혹긴배검물벼룩*
Oithona similis Claus, 1866 닳은긴배검물벼룩*
FAMILY ONCAEIDAE 볼록배검물벼룩과
Genus *Oncaea* Philippi, 1843 볼록배검물벼룩속
Oncaea venusta Philippi, 1843 위볼록배검물벼룩*
FAMILY SAPPHIRINA 청옥검물벼룩과
Genus *Sapphirina* Thompson J., 1829 청옥검물벼룩속
Sapphirina darwinii Claus, 1863*
Sapphirina gemma Dana, 1849 싹청옥검물벼룩*
ORDER HARPACTICOIDA 갈고리노벌레목
FAMILY ANCORABOLIDAE
Genus *Laophontodes* Scott T., 1894 가는뿔노벌레속
Laophontodes bicornis Scott A., 1896
두혹뿔노벌레*
FAMILY CANUELLIDAE 카누노벌레과
Genus *Sunaristes* Hesse, 1867 집게살이노벌레속
Sunaristes japonicus Ho, 1986
동양집게살이노벌레*
FAMILY HARPACTICIDAE 장수노벌레과
Genus *Harpacticella* Sars G.O., 1908 어리장수노벌레속
Harpacticella oceanica Itô Tat, 1977
바다어리장수노벌레*
Genus *Harpacticus* Milne Edwards H., 1840
장수노벌레속
Harpacticus uniremis uniremis Krøyer, 1842
한가닥장수노벌레*
Genus *Tigriopus* Norman, 1869 호랑장수노벌레속
Tigriopus japonicus Mori, 1938 호랑장수노벌레*
Genus *Zaus* Goodsir, 1845 납작장수노벌레속
Zaus robustus Itô Tak, 1974 튼튼납작장수노벌레*
FAMILY LAOPHONTIDAE 가혹노벌레과
Genus *Harrietella* Scott T., 1906 두마디나무살이속
Harrietella simulans (Scott T., 1894)
같은두나무살이*
Genus *Laophonte* Philippi, 1840 가혹노벌레속
Laophonte cornuta Philippi, 1840 큰혹가혹노벌레*
Genus *Robustunguis* Fiers, 1992 큰발톱노벌레속
Robustunguis minor Fiers, 1992
꼬마큰발톱가혹노벌레*
FAMILY MIRACIIDAE 놀람장수노벌레과
Genus *Amphiascopsis* Gurney, 1927
이웃쌍낭장수노벌레속
Amphiascopsis cinctus Claus, 1866
등근이웃쌍낭장수노벌레*
Genus *Dactylopodamphiascopsis* Lang, 1944
손다리쌍낭장수노벌레속
Dactylopodamphiascopsis latifolius (Sars, 1909)
넓은잎손다리쌍낭장수노벌레*
FAMILY PELTIDIIDAE 갑옷장수노벌레과
Genus *Alteutha* Baird, 1846 고갑옷장수노벌레속
Alteutha depressa Baird, 1837
납작고갑옷장수노벌레*
Genus *Alteuthoides* Hicks, 1986 비고갑옷장수노벌레속
Alteuthoides affinis Kim S.H. & Kim W., 1998
우리비고노벌레*
Genus *Goniopsyllus* Brady, 1883

각진왕비장수노벌레속
Goniopsyllus dokdoensis Cho, Kim & Lee, 2010
 독도각진왕비장수노벌레*
 FAMILY PORCELLIDIIDAE 딱정노벌레과
 Genus *Dilatatiocauda* Harris V.A., 2002
Dilatatiocauda bipartita Kim I.H. & H.S. Kim,
 1997 두갈래딱정노벌레*
 Genus *Kioloaria* Harris V.A., 1994
Kioloaria brevicaudata Thompson I.C. & Scott A.,
 1903 짧은배딱정노벌레*
Kioloaria similis (Kim S.H. & Kim W., 1996)
 짧은꼴딱정노벌레*
 Genus *Kushia* Harris V.A. & Iwasaki, 1996
Kushia gamoi Harris V.A. & Iwasaki, 1996
 가모딱정노벌레*
 Genus *Porcellidium* Claus, 1860 딱정노벌레속
Porcellidium brevicavum Kim I.H. & H.S. Kim,
 1997 짧은구멍딱정노벌레*
Porcellidium kiiroum Harris V.A. & Iwasaki,
 1996 노랑딱정노벌레*
Porcellidium ofunatense Harris V.A. & Iwasaki,
 1996 오푸나토딱정노벌레*
 FAMILY PSEUDOTACHIDIIDAE
 가날래장수노벌레과
 Genus *Pseudonsiella* Hicks, 1988
 가나무속살이노벌레속
Pseudonsiella longicaudata Kim S.H. & Kim W.,
 1997 긴꼬리가나무속살이노벌레*
 Genus *Xylora* Hicks, 1988 썩은나무속살이속
Xylora longiantennulata Kim S.H. & Kim W.,
 1997 긴더듬이썩은나무속살이*
 FAMILY THALESTRIDAE 장군여왕노벌레과
 Genus *Amenophia* Boeck, 1865 아메노여왕노벌레속
Amenophia orientalis Ho & Hong, 1988
 동양아메노여왕노벌레*
 Genus *Eudactylopus* Scott A., 1909
 진손가락여왕노벌레속
Eudactylopus andrewi Sewell, 1940
 앤드류진손가락여왕노벌레*
Eudactylopus spectabilis (Brian, 1923)
 수진손가락여왕노벌레*
 FAMILY TISBIDAE 티스베노벌레과
 Genus *Tisbe* Lilljeborg, 1853 티스베노벌레속
Tisbe japonica Ho, 1982 동양티스베노벌레*
 CLASS OSTRACODA
 ORDER MYODOCOPIDA
 FAMILY PHILOMEDIDAE
 Genus *Euphilomedes* Poulsen, 1962
Euphilomedes pseudosordidus Chavtur, Shornikov,
 Lee & Huh, 2007
 CLASS PYCNOGONIDA 바다거미강
 ORDER PANTOPODA 바다거미목
 FAMILY AMMOTHEIDAE 접시바다거미과
 Genus *Achelia* Hodge, 1864 애기손바다거미속

Achelia bituberculata Hedgpeth, 1949
 등뿔애기손바다거미
Achelia japonica Ortmann, 1890
 가시애기손바다거미
 Genus *Ammothea* Leach, 1814 술병부리바다거미속
Ammothea hilgendorfi (Böhm, 1879)
 술병부리바다거미
 Genus *Tanystylum* Miers, 1879 꼬마바다거미속
Tanystylum scrutator Stock, 1954 꼬마바다거미
Tanystylum ulreungum Kim, 1983
 울릉꼬마바다거미
 PHYLUM ANNELIDA 환형동물문
 CLASS POLYCHAETA 다모강
 ORDER AMPHINOMIDA 양목갯지렁이목
 FAMILY AMPHINOMIDAE 양목갯지렁이과
 Genus *Amphinome* Bruguiere, 1789 양목갯지렁이속
Amphinome rostrata (Kinberg, 1867)
 부리양목갯지렁이
 FAMILY EUPHROSINIDAE 갈구리갯지렁이과
 Genus *Euphrosine* Lamarck, 1818 갈구리갯지렁이속
Euphrosine superba Marenzeller, 1879
 등갈구리갯지렁이
 ORDER EUNICIDA 털갯지렁이목
 FAMILY EUNICIDAE 털갯지렁이과
 Genus *Eunice* Rafinesque, 1815 두수염털갯지렁이속
Eunice mucronata Moore, 1903 가시털갯지렁이
 Genus *Leodice* Lamarck, 1818 고리털갯지렁이속
Leodice antennata Savigny, 1818 고리털갯지렁이
 Genus *Lysidice* Lamarck, 1818 솜털갯지렁이속
Lysidice collaris Grube, 1870 노란솜털갯지렁이
 Genus *Marphysa* Quatrefages, 1865
 바위솜털갯지렁이속
Marphysa sanguinea (Montagu, 1815)
 바위털갯지렁이
 Genus *Palola* Gray in Stair, 1847 길쭉털갯지렁이속
Palola siciliensis (Grube, 1840)
 시칠리아길쭉털갯지렁이
 FAMILY LUMBRINERIDAE 송곳갯지렁이과
 Genus *Lumbrineris* Blainville, 1828 송곳갯지렁이속
Lumbrineris bifurcata McIntosh, 1885
 길쭉송곳갯지렁이
Lumbrineris japonica (Marenzeller, 1879)
 참송곳갯지렁이
Lumbrineris nipponica Imajima & Higuchi, 1975
 짧은다리송곳갯지렁이
 FAMILY OENONIDAE
 Genus *Arabella* Grube, 1850 흥점갯지렁이속
Arabella iricolor (Montagu, 1804) 흥점갯지렁이
 FAMILY ONUPHIDAE 집갯지렁이과
 Genus *Diopatra* Audouin & Milne Edwards, 1833
 집갯지렁이속
Diopatra sugokai Izuka, 1907 털보집갯지렁이
 Genus *Protodiopatra* Budaeva & Fauchald, 2011
Protodiopatra willemoesii (McIntosh, 1885)

- 수염집갯지렁이*
 FAMILY ORBINIIDAE 갯모갯지렁이과
 Genus *Naineris* Blainville, 1828 모자갯지렁이속
Naineris laevigata (Grube, 1855) 모자갯지렁이
 Genus *Scoloplos* Blainville, 1828 삼각모자갯지렁이속
Scoloplos (*Scoloplos*) *armiger* (Müller, 1776)
 삼각모자갯지렁이
 Genus *Phylo* Kinberg, 1866 고깔갯지렁이속
Phylo fimbriata (Moore, 1903) 고깔갯지렁이*
 ORDER PHYLLODOCIDA 부채발갯지렁이목
 FAMILY CHRYSOPETALIDAE
 등가시갯지렁이과
 Genus *Chrysopetalum* Ehlers, 1864
 황금비늘갯지렁이속
Chrysopetalum occidentale Johnson, 1897
 황금비늘갯지렁이
 FAMILY GLYCERIDAE 미갑갯지렁이과
 Genus *Glycera* Lamarck, 1818 참미갑갯지렁이속
Glycera nicobarica Grube, 1868
 치로리미갑갯지렁이
 Genus *Hemipodus* Quatrefages, 1866 반미갑갯지렁이속
Hemipodus yenourensis Izuka, 1912
 반다리미갑갯지렁이
 FAMILY HESIONIDAE 수염갯지렁이과
 Genus *Hesione* Savigny in Lamarck, 1818
 등수염갯지렁이속
Hesione reticulata Marenzeller, 1879
 그물등수염갯지렁이
 FAMILY IPHIONIDAE 고운비늘갯지렁이과
 Genus *Iphione* Kinberg, 1856
Iphione muricata (Lamarck, 1818)
 뾰족고운비늘갯지렁이
 FAMILY NEREIDIDAE 참갯지렁이과
 Genus *Neanthes* Kinberg, 1865 참갯지렁이속
Neanthes acuminata (Ehlers, 1868)
 등근얼굴참갯지렁이
 Genus *Nereis* Linnaeus, 1758 원참갯지렁이속
Nereis multignatha Imajima & Hartman, 1964
 깨점박이참갯지렁이
Nereis neoneanthes Hartman, 1948
 큰깨점박이참갯지렁이
Nereis pelagica Linnaeus, 1758 원참갯지렁이
Nereis surugaense Imajima, 1972 민승참갯지렁이
Nereis zonata Malmgren, 1867 띠두른참갯지렁이
 Genus *Perinereis* Kinberg, 1865 눈썹참갯지렁이속
Perinereis euiini Park & Kim, 2017
 한토막눈썹참갯지렁이
 Genus *Platynereis* Kinberg, 1865
 좁쌀이빨참갯지렁이속
Platynereis bicanaliculata (Baird, 1863)
 두점참갯지렁이
Platynereis dumerilii (Audouin & Milne Edwards,
 1834) 곱사참갯지렁이
 Genus *Pseudonereis* Kinberg, 1865
Pseudonereis variegata (Grube, 1857)
 등근이빨참갯지렁이*
 FAMILY PHYLLODOCIDAE
 부채발갯지렁이과
 Genus *Eteone* Savigny, 1818 작은부채발갯지렁이속
Eteone longa (Fabricius, 1780)
 작은부채발갯지렁이
 Genus *Eulalia* Savigny, 1822 불꽃부채발갯지렁이속
Eulalia viridis (Linnaeus, 1767)
 녹색불꽃부채발갯지렁이
 Genus *Eumida* Malmgren, 1865
Eumida sanguinea (Örsted, 1843)
 심장부채발갯지렁이*
 Genus *Nereiphylla* Blainville, 1828
Nereiphylla castanea (Marenzeller, 1879)
 납작수염부채발갯지렁이
 Genus *Phyllodoce* Lamarck, 1818
Phyllodoce maculata (Linnaeus, 1767)
 네모부채발갯지렁이
 FAMILY POLYNOIDAE 비늘갯지렁이과
 Genus *Arctonoe* Chamberlin, 1920 유명비늘갯지렁이속
Arctonoe vittata Grube, 1855 유명비늘갯지렁이
 Genus *Eunoe* Malmgren, 1865
Eunoe senta (Moore, 1902)
 가시수염비늘갯지렁이*
 Genus *Halosydna* Kinberg, 1856 미룩비늘갯지렁이속
Halosydna brevisetosa Kinberg, 1855
 짧은미룩비늘갯지렁이
 Genus *Lepidonotus* Leach, 1816 예쁜이비늘갯지렁이속
Lepidonotus elongatus Marenzeller, 1902
 긴예쁜이비늘갯지렁이*
Lepidonotus squamatus (Linnaeus, 1758)
 비늘예쁜이비늘갯지렁이
Lepidonotus tenuisetosus Gravier, 1902
 얼굴예쁜이비늘갯지렁이
 FAMILY SIGALIONIDAE 고랑비늘갯지렁이과
 Genus *Euthalenessa* Darboux, 1899
Euthalenessa digitata (McIntosh, 1885)
 손가락여신고랑비늘갯지렁이
 FAMILY SYLLIDAE 염주발갯지렁이과
 Genus *Exogone* Örsted, 1845 달갈발갯지렁이속
Exogone (*Exogone*) *verugera* (Claparede, 1868)
 짧은더듬이달갈발갯지렁이
 Genus *Haplosyllis* Langerhans, 1879
 제일염주발갯지렁이속
Haplosyllis spongiphila (Verrill, 1885)
 흰점염주발갯지렁이
 Genus *Imajimaea* Nygren, 2004
Imajimaea tsugara (Imajima, 1966)
 쭈가루몸갯지렁이
 Genus *Megasyllis* San Martín, Hutchings & Aguado,
 2008
Megasyllis nipponica (Imajima, 1966)
 녹색염주발갯지렁이*

- Genus *Odontosyllis* Claparede, 1863
이빨염주발갯지렁이속
Odontosyllis undecimdonta Imajima & Hartman, 1964 점무늬이빨염주발갯지렁이
- Genus *Syllis* Lamarck, 1818 큰염주발갯지렁이속
Syllis adamanteus kurilensis (Chlebovitsch, 1959) 쿠릴염주발갯지렁이
Syllis ehlersioides (Marenzeller, 1890) 톱날염주발갯지렁이*
Syllis gracilis Grube, 1840 줄염주발갯지렁이
Syllis hyalina Grube, 1863 빛염주발갯지렁이
Syllis variegata (Grube, 1860) 참염주발갯지렁이
- Genus *Trypanosyllis* Claparede, 1864
톱니염주발갯지렁이속
Trypanosyllis taeniaformis (Haswell, 1886) 짧은얼룩염주발갯지렁이
Trypanosyllis zebra (Grube, 1860) 얼룩염주발갯지렁이
- ORDER SABELLIDA 꽃갯지렁이목
FAMILY SABELLIDAE 꽃갯지렁이과
- Genus *Chone* Kroyer, 1856 빛꽃갯지렁이속
Chone infundibuliformis Krøyer, 1856 빛꽃갯지렁이
- Genus *Euchone* Malmgren, 1866 흠꽃갯지렁이속
Euchone alicaudata Moore & Bush, 1904 흠꽃갯지렁이
- Genus *Myxicola* Koch in Renier, 1847
갈때기꽃갯지렁이속
Myxicola infundibulum (Montagu, 1808) 갈때기꽃갯지렁이
- Genus *Sabellastarte* Krøyer, 1856 꽃갯지렁이속
Sabellastarte spectabilis (Grube, 1878) 남색꽃갯지렁이*
FAMILY SERPULIDAE 석회관갯지렁이과
- Genus *Ditrupa* Berkeley, 1835 빨석회관갯지렁이속
Ditrupa arietina (O.F. Müller, 1776) 빨석회관갯지렁이
- Genus *Neodexiospira* Pillai, 1970
Neodexiospira foraminosa (Bush in Moore & Bush, 1904) 동그라미석회관갯지렁이
- Genus *Protula* Risso, 1826 민뿔개석회관갯지렁이속
Protula tubularia (Montagu, 1803) 민뿔개석회관갯지렁이
- Genus *Salmacina* Claparede, 1870 가는석회관갯지렁이속
Salmacina dysteri (Huxley, 1855) 가는석회관갯지렁이
- Genus *Serpula* Linnaeus, 1758 석회관갯지렁이속
Serpula vermicularis Linnaeus, 1767 석회관갯지렁이
- Genus *Spirobranchus* Blainville, 1818
큰조름석회관갯지렁이속
Spirobranchus tetracerus (Schmarda, 1861) 사방조름석회관갯지렁이
- ORDER SPIONIDA 얼굴갯지렁이목
FAMILY SPIONIDAE 얼굴갯지렁이과
- Genus *Laonice* Malmgren, 1867 납작얼굴갯지렁이속
Laonice cirrata (M. Sars, 1851) 납작얼굴갯지렁이
- Genus *Prionospio* Malmgren, 1867 예쁜얼굴갯지렁이속
Prionospio japonicus Okuda, 1935 매끈예쁜얼굴갯지렁이
Prionospio krusadensis Fauvel, 1929 깃예쁜얼굴갯지렁이
- ORDER TERESELLIDA 유령갯지렁이목
FAMILY ACROCIRRIDAE
- Genus *Acrocirrus* Grube, 1872 민타래갯지렁이속
Acrocirrus validus Marenzeller, 1879 민실타래갯지렁이
- FAMILY AMPHARETIDAE 사슴갯지렁이과
- Genus *Ampharete* Malmgren, 1866
작은사슴갯지렁이속
Ampharete arctica Malmgren, 1866 작은사슴갯지렁이
- Genus *Amphisamytha* Hesse, 1917
고리사슴갯지렁이속
Amphisamytha japonica Hesse, 1917 고리사슴갯지렁이
- FAMILY CIRRATULIDAE 실타래갯지렁이과
- Genus *Chaetozone* Malmgren, 1867
바퀴실타래갯지렁이속
Chaetozone setosa Malmgren, 1867 솜털바퀴실타래갯지렁이
- Genus *Cirratulus* Lamarck, 1818
가는실타래갯지렁이속
Cirratulus cirratus (O.F. Müller, 1776) 가는실타래갯지렁이
- Genus *Cirriformia* Hartman, 1936
명주실타래갯지렁이속
Cirriformia tentaculata (Montagu, 1808) 명주실타래갯지렁이
- FAMILY FLABELLIGERIDAE 더덕갯지렁이과
- Genus *Brada* Stimpson, 1854 황금더덕갯지렁이속
Brada villosa (Rathke, 1843) 황금더덕갯지렁이
- FAMILY PECTINARIIDAE 빗갯지렁이과
- Genus *Lagis* Malmgren, 1866 앞빗갯지렁이속
Lagis bocki Hesse, 1917 앞빗갯지렁이
- FAMILY STERNASPIDAE 오뚜기갯지렁이과
- Genus *Sternaspis* Otto, 1821 오뚜기갯지렁이속
Sternaspis scutata (Ranzani, 1817) 오뚜기갯지렁이
- FAMILY TERESELLIDAE 유령갯지렁이과
- Genus *Amphitrite* Müller, 1771 꽃유령갯지렁이속
Amphitrite oculata Hesse, 1917 눈꽃유령갯지렁이
- Genus *Loimia* Malmgren, 1865 괴물유령갯지렁이속
Loimia medusa (Savigny in Lamarck, 1818) 괴물유령갯지렁이
- Genus *Pista* Malmgren, 1866 총채유령갯지렁이속
Pista cristata (Müller, 1776) 총채유령갯지렁이
- Genus *Thelepus* Leuckart, 1849 비유령갯지렁이속

- Thelepus japonicus* Marenzeller, 1884
긴싸리비유령갯지렁이
ORDER NOT ASSIGNED
FAMILY CAPITELLIDAE 버들갯지렁이과
Genus *Capitella* Blainville, 1828 등가시버들갯지렁이속
Capitella capitata (Fabricius, 1780)
등가시버들갯지렁이
Genus *Notomastus* Sars, 1850 가는버들갯지렁이속
Notomastus latericeus Sars, 1851
가는버들갯지렁이
FAMILY MALDANIDAE 대나무갯지렁이과
Genus *Axiothella* Verrill, 1900 연통대나무갯지렁이속
Axiothella quadrimaculata Augener, 1914
사방연통대나무갯지렁이
Genus *Maldane* Grube, 1860 민승대나무갯지렁이속
Maldane cristata Treadwell, 1923
민승대나무갯지렁이
Genus *Notoproctus* Arwidsson, 1906
침대나무갯지렁이속
Notoproctus oculatus Arwidsson, 1906
침대나무갯지렁이
Genus *Praxillella* Verrill, 1881 꼬리대나무갯지렁이속
Praxillella gracilis (M. Sars, 1861)
가는대나무갯지렁이
FAMILY OPHELIIDAE 요정갯지렁이과
Genus *Ophelina* Örsted, 1843
Ophelina acuminata Örsted, 1843
매끈요정갯지렁이
Genus *Polyopthalmus* Quatrefages, 1850
Polyopthalmus pictus (Dujardin, 1839)
무늬요정갯지렁이
FAMILY SCALIBREGMATIDAE
구더기요정갯지렁이과
Genus *Hyboscolex* Schmarida, 1861
Hyboscolex pacificus borealis (Imajima & Hartman, 1964) 민구더기갯지렁이
Genus *Scalibregma* Rathke, 1843
수염구더기갯지렁이속
Scalibregma inflatum Rathke, 1843
수염구더기갯지렁이
PHYLUM BRYOZOA 태형동물문
CLASS GYMNOLEAEMATA 나후강
ORDER CHEILOSTOMATA 순구목
FAMILY BEANIIDAE 콩이끼벌레과
Genus *Beania* Johnston, 1840 콩이끼벌레속
Beania discodermae (Ortmann, 1890)
두껍질콩이끼벌레*
FAMILY CALLOPORIDAE 단단이끼벌레과
Genus *Cauloramphus* Norman, 1903
자루조두체이끼벌레속
Cauloramphus korensis Seo, 2001
갈색가시이끼벌레*
FAMILY CANDIDAE 사탕이끼벌레과
Genus *Caberea* Lamouroux, 1816 이끼벌레속
Caberea boryi Audouin, 1826 보리이끼벌레*
Caberea lata Busk, 1852 라타이끼벌레*
Genus *Licornia* van Beneden, 1850
Licornia diadema Busk, 1852 가시이끼벌레*
Genus *Tricellaria* Fleming, 1828 세방가시이끼벌레속
Tricellaria occidentalis (Trask, 1857)
세방가시이끼벌레
FAMILY CELLARIIDAE 마디이끼벌레과
Genus *Cellaria* Ellis & Solander, 1786 마디이끼벌레속
Cellaria punctata Busk, 1852 마디이끼벌레*
FAMILY CELLEPORIDAE 가지이끼벌레과
Genus *Buffonellaria* Canu & Bassler, 1927
두꺼비이끼벌레속
Buffonellaria acutirostris Seo & Gong, 2006
뿔족턱두꺼비이끼벌레*
Genus *Celleporina* Gray, 1848 가지이끼벌레속
Celleporina porosissima Harmer, 1957
포로시씨마이끼벌레*
FAMILY CRYPTOSULIDAE 숨은이끼벌레과
Genus *Cryptosula* Canu & Bassler, 1925
숨은이끼벌레속
Cryptosula pallasiana Moll, 1803 숨은이끼벌레*
FAMILY LEPRALIELLIDAE
Genus *Celleporaria* Lamouroux, 1821 섬유이끼벌레속
Celleporaria wayakamensis Okada & Mawatari, 1938 섬유이끼벌레*
FAMILY MEMBRANIPORIDAE 막이끼벌레과
Genus *Membranipora* de Blainville, 1830
막이끼벌레속
Membranipora perfragilis MacGillivray, 1881
유연막이끼벌레*
Membranipora savartii Audouin, 1826
막이끼벌레*
Membranipora serrilamella Osburn, 1950
톱니막이끼벌레*
FAMILY MICROPORELLIDAE
소공이끼벌레과
Genus *Microporella* Hincks, 1877 소공이끼벌레속
Microporella discors Uttley & Bullivant, 1972
불협화소공이끼벌레*
FAMILY PHIDOLOPORIDAE
연구멍이끼벌레과
Genus *Iodictyum* Harmer, 1933 빨간망이끼벌레속
Iodictyum deliciosum (Buchner, 1924)
섬세망이끼벌레
FAMILY SMITTINIDAE 입이끼벌레과
Genus *Smittoidea* Osburn, 1952 태양입이끼벌레속
Smittoidea pacifica Soule & Soule, 1973
태양입이끼벌레*
FAMILY WATERSIPORIDAE
물구멍이끼벌레과
Genus *Watersipora* Neviani, 1895 물구멍이끼벌레속
Watersipora subtorquata (D'Orbigny, 1852)
자주빛이끼벌레

FAMILY VESICULARIIDAE
주머니이끼벌레과
Genus *Amathia* Lamouroux, 1812
나선주머니이끼벌레속
Amathia distans Busk, 1886
나선주머니이끼벌레*

CLASS STENOLAEMATA 협후강
ORDER CYCLOSTOMATA 원구목
FAMILY CRISIIDAE 수염이끼벌레과
Genus *Crisia* Lamouroux, 1812 수염이끼벌레속
Crisia eburneodenticulata Smitt, 1865
흰수염이끼벌레
Genus *Bicrisia* d'Orbigny, 1853
Bicrisia abyssicola Kluge, 1962*

FAMILY LICHENOPORIDAE 접시이끼벌레과
Genus *Disporella* Gray, 1848
Disporella novaehollandiae d'Orbigny, 1853
노바접시이끼벌레*

FAMILY TUBULIPORIDAE 관이끼벌레과
Genus *Tubulipora* Lamarck, 1816 관이끼벌레속
Tubulipora pulchra MacGillivray, 1885
플크라관이끼벌레*

PHYLUM CHAETOGNATHA 모약동물문
CLASS SAGITTOIDEA 시충강
ORDER APHRAGMOPHORA 무막근목
FAMILY SAGITTIDAE 화살벌레과
Genus *Flaccisagitta* Tokioka, 1965
Flaccisagitta enflata (Grassi, 1881) 뚱보화살벌레*

PHYLUM CNIDARIA 자포동물문
CLASS ANTHOZOA 산호충강
ORDER ACTINIARIA 해변말미잘목
FAMILY ACTINIIDAE 해변말미잘과
Genus *Actinia* Browne, 1756 해변말미잘속
Actinia equina (Linnaeus, 1758) 해변말미잘
Genus *Anthopleura* Duchassaing & Michelotti, 1860
꽃해변말미잘속
Anthopleura fuscoviridis Carlgren, 1949
플색꽃패변말미잘
Anthopleura japonica Verrill, 1899
갈색꽃해변말미잘
Anthopleura kurogane Uchida & Muramatsu,
1958 검정꽃해변말미잘
Genus *Epiactis* Verrill, 1869 방사해변말미잘속
Epiactis japonica (Verrill, 1869) 방사해변말미잘
Genus *Urticina* Ehrenberg, 1834 가죽해변말미잘속
Urticina coriacea Cuvier, 1798 가죽해변말미잘
Urticina crassicornis Müller, 1776
민가죽해변말미잘*

FAMILY ACTINOSTOLIDAE 빛말미잘과
Genus *Actinostola* Verrill, 1883 빛말미잘속
Actinostola carlgreni Wassilieff, 1908 빛말미잘*

Genus *Stomphia* Gosse, 1859 풍선말미잘속
Stomphia coccinea Müller, 1776 풍선말미잘*

FAMILY DIADUMENIDAE 줄말미잘과

Genus *Diadumene* Stephenson, 1920
Diadumene luciae (Verrill, 1898) 담황줄말미잘

FAMILY HALCURIIDAE 별란말미잘과
Genus *Halcurias* McMurrich, 1893 별란말미잘속
Halcurias carlgreni McMurrich, 1901 별란말미잘

FAMILY METRIDIIDAE 섬유세닐말미잘과
Genus *Metridium* Oken, 1815 섬유세닐말미잘속
Metridium senile (Linnaeus, 1761) 섬유세닐말미잘

ORDER ALCYONACEA 해계두목
FAMILY ALCYONIIDAE 바다맨드라미과
Genus *Eleutherobia* Pütter, 1900 바다딸기속
Eleutherobia rigida Pütter, 1900 곤봉바다딸기
Eleutherobia rubra Brundin, 1896 바다딸기
Eleutherobia unicolor (Kükenthal, 1908)
빨강바다딸기*

FAMILY CLAVULARIIDAE 곤봉산호과
Genus *Clavularia* de Blainville, 1830 곤봉산호속
Clavularia mikado Utinomi, 1955 미카도곤봉산호
Clavularia racemosa Utinomi, 1950 송이곤봉산호

FAMILY CORNULARIIDAE 꽃이끼과
Genus *Cervera* Lamarck, 1816
Cervera komaii Utinomi, 1950 꽃이끼산호

FAMILY MELITHAEIDAE 뿔산호과
Genus *Melithaea* Milne-Edwards & Haime, 1857
뿔산호속
Melithaea densa Kükenthal, 1908 뺨뺨뿔산호
Melithaea flabellifera reticulata (Kükenthal, 1908)
그물뿔산호
Melithaea flaellifera cylindrata Kükenthal, 1908
원통뿔산호
Melithaea japonica (Verrill, 1865) 부채뿔산호

FAMILY PLEXAURIDAE 총산호과
Genus *Euplexaura* Verrill, 1869 진총산호속
Euplexaura abietina Kükenthal, 1908
불나무진총산호
Euplexaura recta (Nutting, 1910) 곧은진총산호

ORDER ANTIPATHARIA 각산호목
FAMILY MYRIOPATHIDAE 다해송과
Genus *Myriopathes* Opresko, 2001 다해송속
Myriopathes japonica (Brook, 1889) 해송

ORDER CERIANTHARIA 꽃말미잘목
FAMILY CERIANTHIDAE 꽃말미잘과
Genus *Cerianthus* St. Delle Chiaje, 1832 꽃말미잘속
Cerianthus filiformis Carlgren, 1924 실꽃말미잘

ORDER CORALLIMORPHARIA
FAMILY CORALLIMORPHIDAE
Genus *Corynactis* Allman, 1846
Corynactis viridis Allman, 1846 보석말미잘

ORDER SCLERACTINIA 돌산호목
FAMILY ACTROPORIDAE 단풍돌산호과
Genus *Montipora* Blainville, 1830 단풍돌산호속
Montipora efflorescens Bernard, 1897
빛단풍돌산호

FAMILY CARYOPHYLLIIDAE 정향돌산호과

Genus *Caryophyllia* Lamarck, 1801 정향돌산호속
Caryophyllia (Caryophyllia) japonica Marenzeller,
1888 정향돌산호

FAMILY DENDROPHYLLIIDAE
나무돌산호과

Genus *Dendrophyllia* de Blainville, 1830 나무돌산호속
Dendrophyllia arbuscula Van der Horst, 1922
관목나무돌산호

Dendrophyllia cribrosa Milne Edwards & Haime,
1851 유착나무돌산호*

Genus *Rhizopsammia* Verrill, 1869 뿌리돌산호속
Rhizopsammia minuta mutsuensis Yabe & Eguchi,
1932 무쓰뿌리돌산호

FAMILY RHIZANGIIDAE 근생돌산호과

Genus *Culicia* Dana, 1846 흑돌산호속
Culicia stellata Dana, 1846 흑돌산호

PHYLUM CNIDARIA 자포동물문

CLASS HYDROZOA 히드라충강

ORDER ANTHOATHECATA 꽃민컵히드라충목

FAMILY BOUGAINVILLIIDAE

보우개빌히드라과

Genus *Bimeria* Wright, 1859 이분열히드라속
Bimeria annulate (Nutting, 1901)
고리마디히드라*

Genus *Bougainvillia* Lesson, 1830
Bougainvillia muscus (Allman, 1863)
분지보우개빌히드라*

Genus *Rhizorhagium* M. Sars, 1874 포도뿌리히드라속
Rhizorhagium sagamiense Hirohito, 1988
사가미포도뿌리히드라

FAMILY CORYMORPHIDAE 의곤봉히드라과

Genus *Fukaurahydra* Yamada, Konno & Kubota, 1977
후카우라히드라속

Fukaurahydra anthoformis Yamada et al., 1977
말미잘후카우라히드라

FAMILY CORYNIDAE 곤봉히드라과

Genus *Coryne* Gaertner, 1774 곤봉히드라속
Coryne pusilla Gaertner, 1774 곤봉히드라

Genus *Spirocodon* Haeckel, 1880 나선꼬리해파리속
Spirocodon saltatrix (Tilesius, 1818)
무희나선꼬리해파리

FAMILY EUDENDRIIDAE 꽃히드라과

Genus *Eudendrium* Ehrenberg, 1834 꽃히드라속
Eudendrium capillare Alder, 1856 털꽃히드라
Eudendrium insigne Hincks, 1868 꽃히드라*

Eudendrium racemosum (Linnaeus, 1758)

송이꽃히드라*

Eudendrium tenellum Allman, 1877 실꽃히드라

FAMILY HYDROCORYNIDAE

물곤봉히드라과

Genus *Hydrocoryne* Stechow, 1909 물곤봉히드라속
Hydrocoryne miurensis Stechow, 1907

세로줄물곤봉히드라

FAMILY PENNARIIDAE 깃털히드라과

Genus *Pennaria* Goldfuss, 1820 깃털히드라속
Pennaria disticha Goldfuss, 1820

두줄깃털히드라*

FAMILY SOLANDERIIDAE 산호불이히드라과

Genus *Solanderia* Duchassaing & Michelin, 1846
산호불이히드라속

Solanderia misakinensis (Inaba, 1892)

큰산호불이히드라

Solanderia secunda (Inaba, 1892) 산호불이히드라

FAMILY TUBULARIIDAE 관히드라과

Genus *Tubularia* Linnaeus, 1758 관히드라속
Tubularia mesembryanthemum Allman, 1872

관히드라

ORDER LEPTOTHECATA 컵히드라충목

FAMILY AEQUOREIDAE 평면해파리과

Genus *Aequorea* Péron & Lesueur, 1809 평면해파리속
Aequorea coerulescens (Brandt, 1838) 평면해파리

FAMILY AGLAOPHENIIDAE 띠신깃히드라

Genus *Aglaophenia* Lamouroux, 1812 띠신깃히드라속
Aglaophenia whiteleggei Bale, 1888 흰깃히드라

Genus *Haliaria* Stechow, 1921 바다깃히드라속
Haliaria vegae (Jäderholm, 1903)

식물바다깃히드라*

FAMILY CAMPANULARIIDAE 종히드라과

Genus *Campanularia* Lamarck, 1883 종히드라속
Campanularia everta Clarke, 1876 툽니종히드라*

Campanularia platycarpa (Bale, 1914)

입넓은종히드라

Genus *Clytia* Lamouroux, 1812 빛히드라속
Clytia gracilis (M. Sars, 1851) 빛히드라

Genus *Eucalix* Stechow, 1921 컵히드라속
Eucalix paradoxus Stechow, 1923 컵히드라

Genus *Obelia* Péron & Lesueur, 1809 흑히드라속
Obelia dichotoma (Linnaeus, 1758) 갈래흑히드라

Obelia geniculata (Linnaeus, 1758) 흑히드라

Genus *Rhizocaulus* Stechow, 1919 뿌리히드라속
Rhizocaulus chinensis (Marktanner-Turneretscher,
1890) 뿌리히드라*

FAMILY HALECIIDAE 무늬히드라과

Genus *Halecium* Oken, 1815 무늬히드라속
Halecium delicatulum Coughtrey, 1876

매흑무늬히드라

Halecium tenellum Hincks, 1861 가는무늬히드라*

FAMILY HALOPTERIDIDAE

Genus *Antennella* Allman, 1877 안테넬라속

Antennella secundaria Gmelin, 1791 둘째깃히드라

FAMILY LAFOEIDAE 바위불이히드라과

Genus *Lafoea* Lamouroux, 1821 바위불이히드라속
Lafoea dumosa (Fleming, 1828)

가시덤불바위불이히드라

Lafoea fructicosa M. Sars, 1851

덤불바위불이히드라

FAMILY PLUMULARIIDAE 깃히드라과

Genus *Plumularia* Lamarck, 1816 깃히드라속

- Plumularia filicaulis japonica* Jäderholm, 1919
왜고비깃히드라
FAMILY SERTULARIIDAE 테히드라과
Genus *Sertularella* Gray, 1848 테히드라속
Sertularella gotoi Stechow, 1913 고평테히드라*
Sertularella lagenoides Stechow, 1919
플라스크테히드라*
Sertularella levigata Stechow, 1931 테히드라
Sertularella miurensis Stechow, 1921
가로테히드라
Sertularella sagamina Stechow, 1921
사가미테히드라
Sertularella sinensis Jäderholm, 1896
그물테히드라*
Sertularella tenella (Alder, 1856) 연테히드라*
Sertularella tongensis Stechow, 1919
통가테히드라*
Genus *Amphisbetia* 태평양테히드라속
Amphisbetia pacifica Stechow, 1931
태평양테히드라*
Genus *Diphasia* Agassiz, 1862 넓은입히드라속
Diphasia palmata Nutting, 1905 넓은입히드라
Genus *Sertularia* Linnaeus, 1758 화관히드라속
Sertularia dalmasi Versluys, 1899
달마스화관히드라*
Genus *Thuiaria* Fleming, 1828 깃테히드라속
Thuiaria articulata Pallas, 1766 관절테히드라*
FAMILY SYMPLECTOSCYPHIDAE
호자와테히드라과
Genus *Symplectoscyphus* Marktanner-Turneretscher,
1890 호자와테히드라속
Symplectoscyphus hozawai Stechow, 1931
호자와테히드라
Genus *Filellum* Hincks, 1868 실히드라속
Filellum serratum (Clarke, 1879) 톱니실히드라
FAMILY ZYGOPHYLACIDAE
Genus *Zygophylax* Quelch, 1885 두관절히드라속
Zygophylax biarmata Billard, 1905 두관절히드라*
ORDER SIPHONOPHORA 관해파리목
FAMILY PORPITIDAE 푸른우산관해파리과
Genus *Porpita* Lamarck, 1816 푸른우산관해파리속
Porpita umbella Linnaeus, 1758
푸른우산관해파리
CLASS SCYPHOZOA 해파리강
ORDER RHIZOSTOMEAE 근구해파리목
FAMILY RHIZOSTOMIDAE 근구해파리과
Genus *Nemopilema* Kishinouye, 1922 수풀해파리속
Nemopilema nomurai Kishinouye, 1922
노무라입깃해파리
ORDER SEMAEOSTOMEAE 기구해파리목
FAMILY PELAGIIDAE 원양해파리과
Genus *Pelagia* Péron & Lesueur, 1810 원양해파리속
Pelagia noctiluca (Forsskål, 1775)
야광원양해파리
FAMILY ULMARIDAE 느릅나무해파리과
Genus *Aurelia* Péron & Lesueur, 1809 물해파리속
Aurelia aurita (Linnaeus, 1758) 보름달물해파리
PHYLUM ECHINODERMATA 극피동물문
CLASS ASTEROIDEA 불가사리강
ORDER FORCIPULATIDA 차극목
FAMILY ASTERIIDAE 불가사리과
Genus *Aphelasterias* Fisher, 1923 아펠불가사리속
Aphelasterias japonica (Bell, 1881) 아펠불가사리
Genus *Asterias* Linnaeus, 1758 불가사리속
Asterias amurensis Lütken, 1871 아무르불가사리
Genus *Coscinasterias* Verrill, 1867 체판불가사리속
Coscinasterias acutispina (Stimpson, 1857)
팔손이불가사리
Genus *Distolasterias* Perrier, 1896 디스톨불가사리속
Distolasterias nipon (Döderlein, 1902)
일본불가사리
Genus *Plazaster* Fisher, 1941 문어다리불가사리속
Plazaster borealis (Uchida, 1928)
문어다리불가사리
ORDER PAXILLOSIDA 소주목
FAMILY ASTROPECTINIDAE
가시불가사리과
Genus *Astropecten* Gray, 1840 가시불가사리속
Astropecten polyacanthus Müller & Troschel, 1842
가시불가사리
ORDER SPINULOSIDA 유극목
FAMILY ECHINASTERIDAE 애기불가사리과
Genus *Henricia* Gray, 1840 애기불가사리속
Henricia leviuscula Stimpson, 1857
미끈애기불가사리
Henricia nipponica (Uchida, 1928)
애기불가사리
Henricia ohshimai Hayashi, 1935
오오지마애기불가사리*
Henricia pachyderma Hayashi, 1940
육질애기불가사리
Henricia regularis Hayashi, 1940
네모애기불가사리
ORDER VALVATIDA 연변목
FAMILY ASTERINIDAE 별불가사리과
Genus *Patiria* Gray, 1840 별불가사리속
Patiria pectinifera Muller & Troschel, 1842
별불가사리
ORDER VELATIDA 대반목
FAMILY OPHIDIASTERIDAE 긴팔불가사리과
Genus *Certanardoa* H.L. Clark, 1921 빨강불가사리속
Certanardoa semiregularis (Müller & Troschel,
1842) 빨강불가사리
FAMILY PTERASTERIDAE 입방불가사리과
Genus *Pteraster* Muller & Troschel, 1842
입방불가사리속
Pteraster tesselatus Ives, 1888 입방불가사리
FAMILY SOLASTERIDAE 햇님불가사리과

- Genus *Solaster* Forbes, 1839 햇님불가사리속
Solaster dawsoni Verrill, 1880
 도우손햇님불가사리
Solaster uchidai Hayashi, 1939
 우치다햇님불가사리
 CLASS CRINOIDEA 바다나리강
 ORDER COMATULIDA 바다나리목
 FAMILY COLOBOMETRIDAE
 돌기발갯고사리과
 Genus *Cyllometra* AH Clark, 1907 줄무늬갯고사리속
Cyllometra manca Carpenter, 1888
 줄무늬갯고사리
 Genus *Decametra* AH Clark, 1911 십완갯고사리속
Decametra tigrina AH Clark, 1907
 범얼룩갯고사리
 FAMILY COMASTERIDAE 깃갯고사리과
 Genus *Oxycomanthus* Rowe, Hoggett, Birtles & Vail,
 1986 털깃갯고사리속
Oxycomanthus intermedius AH Clark, 1916
 가는발깃갯고사리
Oxycomanthus solaster AH Clark, 1907
 깃갯고사리
 CLASS ECHINOIDEA 성게강
 ORDER CAMARODONTA 공치성게목
 FAMILY ECHINOMETRIDAE 만두성게과
 Genus *Echinometra* Gray, 1825 만두성게속
Echinometra mathaei Blainville, 1825 만두성게
 Genus *Heliocidaris* L. Agassiz & Desor, 1846
 보라성게속
Heliocidaris crassispina (A. Agassiz, 1863)
 보라성게
 FAMILY STRONGYLOCENTROTIDAE
 둥근성게과
 Genus *Hemicentrotus* Mortensen, 1942 말뚱성게속
Hemicentrotus pulcherrimus (A. Agassiz, 1863)
 말뚱성게
 Genus *Mesocentrotus* Tatarenko & Poltarau, 1993
Mesocentrotus nudus (A. Agassiz, 1863)
 둥근성게
 Genus *Pseudocentrotus* Mortensen, 1903 분홍성게속
Pseudocentrotus depressus (A. Agassiz, 1863)
 분홍성게
 Genus *Strongylocentrotus* Brandt, 1835 둥근성게속
Strongylocentrotus intermedius (A. Agassiz, 1863)
 새치성게
 FAMILY TEMNOPLEURIDAE 분지성게과
 Genus *Microcyphus* L. Agassiz in Agassiz & Desor,
 1846 작은분지성게속
Microcyphus olivaceus Döderlein, 1885
 올리브분지성게*
 Genus *Mespilia* Desor, 1846
Mespilia globulus Linnaeus, 1758
 고높은분지성게*
 Genus *Temnopleurus* L. Agassiz, 1841 분지성게속
Temnopleurus toreumaticus (Leske, 1778)
 분지성게
 Genus *Temnotrema* A. Agassiz, 1864 작은성게속
Temnotrema sculptum A. Agassiz, 1863 작은성게*
 ORDER SPATANGOIDA 염통성게목
 FAMILY BRISSIDAE 큰염통성게과
 Genus *Brissus* Gray, 1825 큰염통성게속
Brissus agassizii Döderlein, 1885 큰염통성게
 CLASS HOLOTHUROIDEA 해삼강
 ORDER APODIDA 무족목
 FAMILY SYNAPTIDAE 닻해삼과
 Genus *Oestergrenia* Heding, 1931 주걱닻해삼속
Oestergrenia dubia (Semper, 1867) 주걱닻해삼*
 ORDER ASPIDOCHIROTIDA 순수목
 FAMILY HOLOTHURIIDAE 해삼과
 Genus *Holothuria* Deichmann, 1958 해삼속
Holothuria (Mertensiothuria) hilla Lesson, 1830
 개해삼
 FAMILY STICHOPODIDAE 돌기해삼과
 Genus *Apostichopus* Liao, 1986 아포돌기해삼속
Apostichopus japonicus (Selenka, 1867) 돌기해삼
 ORDER DENDROCHIROTIDA 수수목
 FAMILY CUCUMARIIDAE 광삼과
 Genus *Plesiocolochirus* Cherbonnier, 1946 토막해삼속
Plesiocolochirus inornatus (von Marenzeller,
 1881) 수수해삼*
 FAMILY SCLERODATYLIDAE 환꼬리해삼과
 Genus *Eupentacta* Deichmann, 1938 오각광삼속
Eupentacta chronhjelmi Théel, 1886 오각광삼*
 CLASS OPHIUROIDEA 거미불가사리강
 ORDER OPHIURIDA 사미목
 FAMILY AMPHIURIDAE 양편거미불가사리과
 Genus *Amphipholis* Ljungman, 1866
 양비늘거미불가사리속
Amphiura pugetana (Lyman, 1860)
 후개타나양비늘거미불가사리
Amphipholis squamata (Delle Chiaje, 1828)
 양비늘거미불가사리
 FAMILY OPHIACANTHIDAE
 침거미불가사리과
 Genus *Ophiacantha* Müller & Troschel, 1842
 침거미불가사리속
Ophiacantha omoplata H.L. Clark, 1911
 넓적침거미불가사리*
 FAMILY OPHIACTIDAE 뱀이거미불가사리과
 Genus *Ophiopholis* Müller & Troschel, 1842
 뿔거미불가사리속
Ophiopholis aculeata (Linnaeus, 1767)
 뿔족뿔거미불가사리*
 FAMILY OPHIOCOMIDAE
 뱀털거미불가사리과
 Genus *Ophiomastix* Müller & Troschel, 1842
 채찍거미불가사리속
Ophiomastix mixta Lütken, 1869

- 빨간등거미불가사리
 FAMILY OPHIODERMATIDAE
 가죽거미불가사리과
 Genus *Ophiarachnella* Ljungman, 1872
 뱀거미불가사리속
Ophiarachnella gorgonia Müller & Troschel, 1842 뱀거미불가사리
 FAMILY OPHIOLEPIDIDAE
 비늘거미불가사리과
 Genus *Ophioplocus* Lyman, 1862 곱슬거미불가사리속
Ophioplocus japonicus H.L. Clark, 1911
 왜곱슬거미불가사리
 FAMILY OPHIONEREIDIDAE
 딱지거미불가사리과
 Genus *Ophioneresis* Lütken, 1859 딱지거미불가사리속
Ophionereis dubia (Müller & Troschel, 1842)
 줄딱지거미불가사리
Ophionereis eurybrachioplax H.L. Clark, 1911
 둥근딱지거미불가사리
 FAMILY OPHIOTRICHIDAE
 가시거미불가사리과
 Genus *Ophiothrix* Müller & Troschel, 1840
 가시거미불가사리속
Ophiothrix exigua Lyman, 1874
 짧은가시거미불가사리
Ophiothrix koreana Duncan, 1879
 고려가시거미불가사리
- PHYLUM MOLLUSCA 연체동물문
 CLASS BIVALVIA 이매패강
 ORDER ADAPEDONTA 죽합목
 FAMILY HIATELLIDAE 족사부착쇄조개과
 Genus *Hiatella* Bosc, 1801 족사부착쇄조개속
Hiatella orientalis (Linnaeus, 1767)
 족사부착쇄조개
 FAMILY SOLENIDAE 죽합과
 Genus *Solen* Linnaeus, 1758 죽합속
Solen gordonis Yokoyama, 1920 붉은맛
 ORDER ARCOIDA 돌조개목
 FAMILY ARCIDAE 돌조개과
 Genus *Arca* Linnaeus, 1758 돌조개속
Arca boucardi Jousseaume, 1894 긴네모돌조개
Arca patriarchalis Röding, 1798 돌조개
 Genus *Barbatia* Gray, 1942 방주조개속
Barbatia virescens (Reeve, 1844) 복털조개
 FAMILY NOETIIDAE 복털조개과
 Genus *Didimacar* Iredale, 1939 비로드복털조개속
Didimacar tenebrica (Reeve, 1844)
 비로드복털조개*
 FAMILY PARALLELODONTIDAE
 왕복털조개과
 Genus *Porterius* B.L. Clark, 1925 왕복털조개속
Porterius dalli (E.A. Smith, 1885) 왕복털조개
 ORDER CARDIIDA 새조개목
 FAMILY PSAMMOBIIDAE 자패과
 Genus *Gari* Schumacher, 1817 나무껍질빛조개속
Gari kazusensis (Yokoyama, 1922)
 나무껍질빛조개
 FAMILY TELLINIDAE 접시조개과
 Genus *Heteromacoma* Habe, 1952 대양조개사돈속
Heteromacoma irus (Hanley, 1845) 대양조개사돈
 Genus *Macoma* Leach, 1819 대양조개속
Macoma incongrua (Martens, 1865) 아기대양조개
 ORDER CARDITIDA 주름방사륜조개목
 FAMILY CARDITIDAE 주름방사륜조개과
 Genus *Cardita* Bruguiere, 1792 주름방사륜조개속
Cardita leana Dunker, 1860 주름방사륜조개
 ORDER LIMOIDA 외투조개목
 FAMILY LIMIDAE 외투조개과
 Genus *Limaria* Link, 1807 외투조개속
Limaria hirasei (Pilsbry, 1901) 얇은납작개加里비
 ORDER MYOIDA 우럭목
 FAMILY CORBULIDAE 쇠방사늑조개과
 Genus *Corbula* Bruguière, 1797 짝짝이조개속
Corbula venusta Gould, 1861
 예쁜이쇠방사늑조개
 ORDER MYTILOIDA 홍합목
 FAMILY MYTILIDAE 홍합과
 Genus *Brachidontes* Swainson, 1840 주름담치속
Brachidontes mutabilis (Gould, 1861) 주름담치
 Genus *Crenomytilus* Soot-Ryen, 1955 동해담치속
Crenomytilus grayanus (Dunker, 1853) 동해담치
 Genus *Gregariella* Monterosato, 1883 예쁜이담치속
Gregariella semigranatus (Reeve, 1858)
 꼬마풀뿌리담치
 Genus *Leiosolenus* Carpenter, 1857 아기돌맛조개속
Leiosolenus lischkei M. Huber, 2010
 아기돌맛조개
 Genus *Modiolus* Lamarck, 1799 털담치속
Modiolus auriculatus (Krauss, 1848) 깃털담치
Modiolus comptus (Sowerby III, 1915) 수염담치*
Modiolus kurilensis Bernard, 1983 털담치
 Genus *Musculus* Röding, 1798 북방꼬마담치속
Musculus cumingianus (Reeve, 1857)
 둥근계란담치*
Musculus cupreus (Gould, 1861) 작은계란담치
Musculus viridulus (H. Adams, 1871) 줄꼬마담치
 Genus *Mytilisepta* Habe, 1951 격판담치속
Mytilisepta keenae (Nomura, 1936) 격판담치
Mytilisepta virgata (Wiegmann, 1837)
 굵은줄격판담치
 Genus *Mytilus* Linnaeus, 1758 홍합속
Mytilus edulis Linnaeus, 1758 진주담치
Mytilus galloprovincialis Lamarck, 1819
 지중해담치
Mytilus unguiculatus Valenciennes, 1858 홍합
 Genus *Septifer* Récluz, 1848 남방담치속
Septifer bilocularis (Linnaeus, 1758)
 두눈격판담치

ORDER OSTREOIDA 굴목
 FAMILY GLYPHAEIDAE 주름굴과
 Genus *Neopycnodonte* Stenzel, 1971 주름굴속
Neopycnodonte cochlear (Poli, 1795) 주름꼬마굴
 FAMILY OSTREIDAE 굴과
 Genus *Crassostrea* Sacco, 1897 굴속
Crassostrea echinata (Quoy & Gaimard, 1835) 가시굴
Crassostrea gigas (Thunberg, 1793) 굴
Crassostrea nipponica (Seki, 1934) 바위굴
 Genus *Ostrea* Linnaeus, 1758 토굴속
Ostrea denselamellosa (Lischke, 1869) 토굴
 Genus *Saccostrea* Dollfus & Dautzenberg, 1920 원반굴속
Saccostrea kegaki Torigoe & Inaba, 1981 가시굴*
 Genus *Striostrea* Vyalov, 1936 태생굴속
Striostrea circumpecta (Pilsbry, 1904) 태생굴
 ORDER PECTINIDA 가리비목
 FAMILY ANOMIIDAE 잠쟁이과
 Genus *Anomia* Linnaeus, 1758 잠쟁이속
Anomia chinensis Philippi, 1849 개굴잠쟁이
 Genus *Isomonina* Dautzenberg & H. Fischer, 1897 둥근잠쟁이속
Isomonina umbonata (Gould, 1861) 둥근잠쟁이*
 FAMILY PECTINIDAE 가리비과
 Genus *Chlamys* Röding, 1798 비단가리비속
Chlamys (Azumapekten) farreri nipponensis Kuroda, 1932 비단가리비
 Genus *Laevichlamys* T.R. Waller, 1993 짝귀비단가리비속
Laevichlamys cuneate (Reeve, 1853) 짝귀비단가리비
 Genus *Scaeoclamys* Iredale, 1929 비늘가리비속
Scaeoclamys lemniscata (Reeve, 1853) 비늘비단가리비*
Scaeoclamys squamata (Gmelin, 1791) 비늘가리비*
 FAMILY SPONDYLIDAE 국화조개과
 Genus *Spondylus* Linnaeus, 1758 국화조개속
Spondylus butleri Reeve, 1856 가시국화조개
Spondylus squamosus Schreibers, 1793 국화조개
Spondylus varius G.B. Sowerby I, 1829 접시국화조개
 ORDER VENEROIDA 백합목
 FAMILY VENERIDAE 백합과
 Genus *Irus* Schmidt, 1818 주름입조개속
Irus mitis (Deshayes, 1854) 주름입조개
Irus irus (Linnaeus, 1758) 굵은주름입조개
 Genus *Leukoma* E. Römer, 1857 살조개속
Leukoma jedoensis (Lischke, 1874) 살조개*
 Genus *Paphia* Röding, 1798 행달조개속
Paphia amabilis Philippi, 1847 발고랑행달조개*
Paphia vernicosa (Gould, 1861) 붉은행달조개

Genus *Petricola* Lamarck, 1801 돌속살이조개속
Petricola japonica (Dunker, 1882) 짝돌속살이조개*
 FAMILY CHAMIDAE 굴아재비과
 Genus *Amphichama* Habe in Kuroda *et al.*, 1971 운모굴아재비속
Amphichama argentata Kuroda & Habe, 1958 운모굴아재비
 Genus *Chama* Linnaeus, 1758 굴아재비속
Chama dunkeri Lischke, 1870 맨드라미굴아재비
Chama fragum Reeve, 1847 굴아재비
Chama japonica Lamarck, 1819 햇빛굴아재비
Chama limbula Lamarck, 1819 보라굴아재비
 Genus *Pseudochama* Odhner, 1917 원돌이굴아재비속
Pseudochama retroversa (Lischke, 1870) 보라원돌이굴아재비
 ORDER NOT ASSIGNED
 FAMILY GASTROCHAENIDAE 구멍뚫이조개과
 Genus *Cucurbitula* Gould, 1861 꼬마구멍뚫이조개속
Cucurbitula cymbium (Spengler, 1783) 꼬마구멍뚫이조개*
 Genus *Gastrochaena* Spengler, 1783 구멍뚫이조개속
Gastrochaena cuneiformis Spengler, 1783 구멍뚫이조개
 FAMILY KELLIIDAE 큰집가재더부살이조개과
 Genus *Kellia* W. Turton, 1822 큰집가재더부살이조개속
Kellia porculus Pilsbry, 1904 아기가재더부살이조개
 FAMILY LASAEIDAE 가재더부살이조개과
 Genus *Lasaea* W. Turton, 1822 가재더부살이조개속
Lasaea undulata (Gould, 1861) 족사살이조개
 FAMILY LYONSIIDAE 안쪽인대조개과
 Genus *Entodesma* Philippi, 1845 가재더부살이조개속
Entodesma navicular (Adams & Reeve, 1850) 안쪽인대조개
 CLASS CEPHALOPODA 두족강
 ORDER MYOPSIDA 폐안목
 FAMILY LOLIGINIDAE 꼴뚜기과
 Genus *Heterololigo* Natsukari, 1984 화살꼴뚜기속
Heterololigo bleekeri (Keferstein, 1866) 화살꼴뚜기
 Genus *Loligo* Lamarck, 1798 꼴뚜기속
Loligo chinensis Gray, 1849 한치꼴뚜기
 ORDER OCTOPODA 문어목
 FAMILY OCTOPODIDAE 문어과
 Genus *Enteroctopus* Rochebrune & Mabile, 1889 진문어속
Enteroctopus dofleini Walker, 1910 문어
 Genus *Octopus* Cuvier, 1798 문어속
Octopus vulgaris Cuvier, 1797 참문어
 CLASS GASTROPODA 복족강

- ORDER APLYSIIDA 군소목
 FAMILY APLYSIIDAE 군소과
 Genus *Aplysia* Linnaeus, 1767 군소속
Aplysia juliana Quoy & Gaimard, 1832 말군소
Aplysia kurodai (Baba, 1937) 군소
Aplysia oculifera A. Adams & Reeve, 1850
 안경무늬군소
Aplysia parvula Mörch, 1863 검은테군소
Aplysia sagamiana Baba, 1949 갈색군소
 Genus *Notarchus* Cuvier, 1817 굴색군소속
Notarchus punctatus Philippi, 1836 둥근굴색군소
 ORDER CEPHALASPIDEA 두순목
 FAMILY HAMINOEIDAE 포도고등과
 Genus *Haminoea* Pilsbry, 1921 포도고등속
Haminoea japonica Pilsbry, 1895 포도고등
 ORDER LEPETELLIDA
 FAMILY FISSURELLIDAE 구멍삿갓조개과
 Genus *Macroschisma* Gray, 1835 긴구멍삿갓조개속
Macroschisma dilatatum A. Adams, 1851
 낮은구멍삿갓조개
Macroschisma sinense A. Adams, 1855
 구멍삿갓조개*
 Genus *Tugali* Gray in Dieffenbach, 1843
 등줄삿갓조개속
Tugali decussata A. Adams, 1852 흰이랑삿갓조개
 FAMILY HALIOTIDAE 전복과
 Genus *Haliotis* Linnaeus, 1758 전복속
Haliotis discus Reeve, 1846 둥근전복
Haliotis gigantea Gmelin, 1791 말전복
Haliotis madaka (Habe, 1979) 왕전복*
Haliotis supertexta Lischke, 1870 오분자기
 ORDER LITTORINIMORPHA 총알고등목
 FAMILY ATLANTIDAE 바다나비고등과
 Genus *Atlanta* Lesueur, 1817 바다나비고등속
Atlanta inflata J.E. Gray, 1850 투명바다나비고등*
 FAMILY CALYPTRAEIDAE 배고등과
 Genus *Bostrycapulus* Olsson & Harbison, 1953
 침배고등속
Bostrycapulus gravispinosus (Kuroda & Habe, 1950) 침배고등
 Genus *Crepidula* Lamarck, 1799 짙신고등속
Crepidula onyx G.B. Sowerby I, 1824
 뽕뽕이짙신고등
 FAMILY CAPULIDAE 매부리고등과
 Genus *Capulus* Montfort, 1810 매부리고등속
Capulus danieli (Crosse, 1858) 매부리고등
 FAMILY CYMATIIDAE
 Genus *Fusitriton* Cossmann, 1903 콩깍지고등속
Fusitriton galea Kuroda & Habe in Habe, 1961
 호리호리털골뱅이
 Genus *Monoplex* Cossmann, 1903 각시수염고등속
Monoplex parthenopeus (Salis Marschlins, 1793)
 각시수염고등
 FAMILY CYPRAEIDAE 개오지과
 Genus *Palmadusta* Iredale, 1930 노랑개오지속
Palmadusta artuffeli (Jousseume, 1876)
 노랑개오지*
 Genus *Purpuradusta* Schilder, 1939 점박이개오지속
Purpuradusta gracilis (Gaskoin, 1849)
 점박이개오지
 FAMILY ERATOIDAE
 Genus *Hespererato* Schilder, 1933
Hespererato scabriuscula (Gray, 1832)
 애기개오지*
 FAMILY HIPPONICIDAE 고깔고등과
 Genus *Cheilea* Modeer, 1793 둥근배고등속
Cheilea cepacea (Broderip, 1834) 둥근배고등*
 Genus *Pilosabia* Iredale, 1929 털모자고등속
Pilosabia trigona (Gmelin, 1791) 털모자고등*
 Genus *Sabia* Gray, 1840 기생고깔고등속
Sabia conica (Schumacher, 1817) 기생고깔고등
 FAMILY LITTORINIDAE 총알고등과
 Genus *Echinolittorina* Habe, 1956 무늬총알고등속
Echinolittorina radiata (Dunker, 1860)
 좁쌀무늬총알고등
 Genus *Littorina* Férussac, 1822 총알고등속
Littorina brevicula (Philippi, 1844) 총알고등
Littorina mandshurica (Schrenk, 1861)
 Genus *Peasiella* G. Nevill, 1885 콩총알고등속
Peasiella habei (Reid & Mak, 1998)
 난쟁이총알고등*
 FAMILY OVULIDAE 개오지붙이과
 Genus *Sandalia* C.N. Cate, 1973 주홍토끼고등속
Sandalia triticea (Lamarck, 1810) 주홍토끼고등
 FAMILY VELUTINIDAE 배고등붙이과
 Genus *Lamellaria* Montagu, 1816 긴입배고등붙이속
Lamellaria kiiensis Habe, 1944 긴입배고등이붙이
 FAMILY VERMETIDAE 뱀고등과
 Genus *Ceraesignum* Golding, Bieler, Rawlings & T. Collins, 2014 뱀고등속
Ceraesignum maximum (G.B. Sowerby I, 1825)
 뱀고등
 Genus *Thylacodes* Guettard, 1770 큰뱀고등속
Thylacodes adamsii (Mörch, 1859) 큰뱀고등
 ORDER NEOGASTROPODA 신복족목
 FAMILY BUCCINIDAE 물레고등과
 Genus *Kelletia* P. Fischer, 1884 매끈이고등속
Kelletia lischkei Kuroda, 1938 매끈이고등
 FAMILY CLATHURELLIDAE
 꼬마언칭이고등과
 Genus *Etremopa* Oyama, 1953
Etremopa gainesii (Pilsbry, 1895)
 밤색꼬마언칭이고등*
 FAMILY COLUMBELLIDAE 무릅과
 Genus *Anachis* H. & A. Adams, 1853 보살무릅속
Anachis miser (G.B. Sowerby I, 1844) 보살고등
 Genus *Metanachis* Thiele, 1924 갈색띠줄무늬무릅속
Metanachis marquesa (Gaskoin, 1852)

- 갈색띠줄무늬무늬
Genus *Mitrella* Risso, 1826 보리무늬속
Mitrella bicincta (Gould, 1860) 보리무늬
Mitrella burchardi (Dunker, 1877) 날씨보리무늬*
Mitrella tenuis anachisoides Nomura & Niino, 1940 주름보리무늬*
FAMILY COSTELLARIIDAE 붓고등사촌과
Genus *Vexillum* Röding, 1798 점박이고등속
Vexillum inerme (Reeve, 1845) 점박이붓고등*
FAMILY MURICIDAE 뿔소라과
Genus *Ceratostoma* Herrmannsen, 1846 맵사리속
Ceratostoma burnetti (Adams & Reeve, 1849) 입뿔고등
Ceratostoma rorifluum (Adams & Reeve, 1849) 맵사리
Genus *Ergalatax* Iredale, 1931 탐뿔고등속
Ergalatax contracta (Reeve, 1846) 탐뿔고등
Genus *Maculotrion* Dall, 1904 흑점밀알고등속
Maculotrion serriale (Deshayes, 1834) 꼬마흑점밀알고등
Genus *Reishia* Kuroda & Habe, 1971 대수리속
Reishia bronni (Dunker, 1860) 두드럭고등
Reishia clavigera (Küster, 1860) 대수리
Reishia luteostoma (Holten, 1802) 뿔두드럭고등
FAMILY NASSARIIDAE 좁쌀무늬고등과
Genus *Nassarius* Duméril, 1805 좁쌀무늬고등속
Nassarius fratercula (Dunker, 1860) 검은줄좁쌀무늬고등
Nassarius glans (Linnaeus, 1758) 다주봉좁쌀
FAMILY PISANIIDAE
Genus *Cantharus* Röding, 1798 털껍질돼지고등속
Cantharus cecillei Philippi, 1844 털껍질돼지고등
Genus *Engina* Gray, 1839 구슬띠물레고등속
Engina menkeana (Dunker, 1860) 구슬띠물레고등
Genus *Pollia* Gray in Sowerby I, 1834 털껍질고등속
Pollia subrubiginosa (E.A. Smith, 1879) 쇠털껍질고등
ORDER NUDIBRANCHIA 나새목
FAMILY ARMINIDAE 줄무늬갯민숭이과
Genus *Dermatobranchus* van Hasselt, 1824 줄무늬갯민숭이속
Dermatobranchus otome Baba, 1992 아가씨줄무늬갯민숭이
FAMILY CADLINIDAE
노란테갯민숭달팽이과
Genus *Aldisa* Bergh, 1878 점박이갯민숭달팽이속
Aldisa cooperi Robilliard & Baba, 1972 점박이붉은갯민숭달팽이
Genus *Cadlina* Bergh, 1878 노란테갯민숭달팽이속
Cadlina japonica Baba, 1937 노란테갯민숭달팽이
FAMILY CHROMODORIDIDAE
갯민숭달팽이과
Genus *Chromodoris* Alder & Hacock, 1855 갯민숭달팽이속
Chromodoris orientalis Rudmann, 1983 흰갯민숭달팽이
Genus *Goniobranchus* Pease, 1866
Goniobranchus aureopurpureus (Collingwood, 1881) 점점갯민숭달팽이
Goniobranchus tinctorius (Rüppell & Leuckart, 1830) 망사갯민숭달팽이
Genus *Hypselodoris* Stimpson, 1855 파랑갯민숭달팽이속
Hypselodoris festiva (A. Adams, 1861) 파랑갯민숭달팽이
Genus *Thorunna* Bergh, 1878 꽃잎갯민숭달팽이속
Thorunna florens (Baba, 1949) 꽃잎갯민숭달팽이*
FAMILY DENDRODORIDIDAE
수지갯민숭달팽이과
Genus *Dendrodoris* Ehrenberg, 1831 수지갯민숭이속
Dendrodoris fumata (Rüppell & Leuckart, 1830) 안개갯민숭달팽이*
Dendrodoris krusensternii (Gray, 1850) 여왕갯민숭달팽이
Genus *Platydorid* Bergh, 1877 구름갯민숭달팽이속
Platydorid ellioti (Alder & Hancock, 1864) 구름갯민숭달팽이
Platydorid tabulata (Abraham, 1877) 노랑납작갯민숭달팽이
FAMILY DORIDIDAE 갑옷갯민숭달팽이과
Genus *Doris* Linnaeus, 1758 갑옷갯민숭달팽이속
Doris odhneri MacFarland, 1966 갑옷갯민숭달팽이
Genus *Homoiodoris* Bergh, 1862 두드럭갯민숭달팽이속
Homoiodoris japonica Bergh, 1882 두드럭갯민숭달팽이
FAMILY FACELINIDAE 하늘소갯민숭이과
Genus *Sakuraeolis* Baba, 1965 눈송이갯민숭이속
Sakuraeolis gerberina Hirano, 1999 눈송이갯민숭이
Sakuraeolis japonica (Baba, 1937) 눈송이갯민숭이
Sakuraeolis sakuracea Hirano, 1999 왕벚꽃갯민숭이*
FAMILY FIONIDAE
Genus *Fiona* Alder & Hancock, 1853
Fiona pinnata (Eschscholtz, 1831) 주름도롱이갯민숭이
FAMILY GONIODORIDIDAE 불꽃갯민숭이과
Genus *Okenia* Menke, 1830
Okenia hiroi (Baba, 1938) 불꽃갯민숭이
FAMILY MYRRHINIDAE
Genus *Hermisenda* Bergh, 1879 하늘소갯민숭이속
Hermisenda crassicornis (Eschscholtz, 1831) 하늘소갯민숭이

- FAMILY PLEUROLIDIIDAE
 Genus *Protaeolidiella* Baba, 1955 검정갯민숭이속
Protaeolidiella atra Baba, 1955 검정갯민숭이
- FAMILY SCYLLAEIDAE 사슴갯민숭이과
 Genus *Notobryon* Odhner, 1936 사슴갯민숭이속
Notobryon clavigerum Baba, 1937
 참사슴갯민숭이*
Notobryon wardi Odhner, 1936 사슴갯민숭이
- FAMILY TETHYDIDAE
 Genus *Melibe* Rang, 1829
Melibe papillosa (de Filippi, 1867) 잎갯민숭이*
- FAMILY TRITONIIDAE 예쁜이갯민숭이과
 Genus *Tritonia* Rang, 1829 예쁜이갯민숭이속
Tritonia festiva (Stearns, 1873) 예쁜이갯민숭이
- ORDER PLEUROBRANCHIDA
 FAMILY PLEUROBRANCHAEIDAE
 Genus *Pleurobranchaea* Leue, 1813 올빼미군소불이속
Pleurobranchaea japonica Thiele, 1925
 올빼미군소불이
- FAMILY PLEUROBRANCHIDAE 군소불이과
 Genus *Berthellina* Gardiner, 1936 빨강갯민달팽이속
Berthellina citrina (Ruppell & Leuckart, 1828)
 빨강갯민달팽이
- ORDER PTEROPODA
 FAMILY CAVOLINIIDAE 거북고등과
 Genus *Cavolinia* Abildgaard, 1791 거북고등속
Cavolinia tridentata (Forskål in Niebuhr, 1775)
 거북고등*
- ORDER SEGUENZIIDA
 FAMILY CHILODONTAIDAE 갈비고등과
 Genus *Granata* Cotton, 1957 갈비고등속
Granata lyrata (Pilsbry, 1890) 검은점갈비고등
- FAMILY SIPHONARIIDAE 고랑딱개비과
 Genus *Siphonaria* G.B. Sowerby I, 1823 고랑딱개비속
Siphonaria japonica (Donovan, 1824) 고랑딱개비
Siphonaria laciniosa (Linnaeus, 1758)
 검은고랑딱개비
Siphonaria sirius Pilsbry, 1894 꽃고랑딱개비
- ORDER TROCHIDA
 FAMILY CALLIOSTOMATIDAE 방석고등과
 Genus *Tristichotrochus* Ikebe, 1942
Tristichotrochus crossleyae (E.A. Smith, 1910)
 얼룩방석고등
Tristichotrochus haliarchus (Melvill, 1889)
 매끈이방석고등
Tristichotrochus simodense (Ikebe, 1942)
Tristichotrochus unicus (Dunker, 1860) 방석고등
- FAMILY COLONIIDAE 팔알고등과
 Genus *Bothropoma* Thiele, 1924 쇠팔알고등속
Bothropoma pilula (Dunker, 1860) 쇠팔알고등
 Genus *Homalopoma* Carpenter, 1864 팔알고등속
Homalopoma amussitatum (Gould, 1861)
 누더기팔알고등
Homalopoma nocturnum (Gould, 1861) 팔알고등
- Homalopoma sangarensis* (Schrenck, 1862)
 산팔알고등
- FAMILY MARGARITIDAE 진주밤고등과
 Genus *Margarites* Gray, 1847 진주밤고등속
Margarites pilsbryi Kuroda & Habe, 1952
 북방반질이고등*
- FAMILY PHASIANELLIDAE 유리고등과
 Genus *Hiloa* Pilsbry, 1917
Hiloa variabilis (Pease, 1861) 분홍유리고등
- FAMILY TEGULIDAE 구멍밤고등과
 Genus *Chlorostoma* Swainson, 1840 밤고등속
Chlorostoma argyrostoma sublaevis Pilsbry, 1904 갯골뱅이
Chlorostoma lischkei (Tapparone-Canefri, 1874)
 밤고등
Chlorostoma turbinata A. Adams, 1853
 구멍밤고등
Chlorostoma xanthostigma A. Adams, 1853
 명주고등
- Genus *Omphalius* Swainson, 1840 팽이고등속
Omphalius nigerrimus (Gmelin, 1791)
 애기밤고등
Omphalius pfeifferi carpenteri (Dunker, 1860)
 팽이고등
Omphalius pfeifferi pfeifferi (Philippi, 1846)
 바다방석고등
Omphalius rusticus (Gmelin, 1791) 보말고등
- FAMILY TROCHIDAE 밤고등과
 Genus *Austrocochlea* P. Fischer, 1885 띠각시고등속
Austrocochlea piperina (Philippi, 1849)
 띠각시고등
- Genus *Cantharidus* Montfort, 1810 얼룩고등속
Cantharidus bisbalteatus Pilsbry, 1901
 두줄얼룩고등
Cantharidus callichroa (Philippi, 1850) 얼룩고등
Cantharidus japonicus (A. Adams, 1853)
 남방얼룩고등
Cantharidus jessoensis (Schrenck, 1863)
 둥근입얼룩고등
- Genus *Fossarina* A. Adams & Angas, 1864
 흰구름무늬꼬마고등속
Fossarina picta A. Adams, 1867
 흰구름무늬꼬마고등
- Genus *Monodonta* Lamarck, 1799 올타리고등속
Monodonta canalifera Lamarck, 1816
 큰키각시고등*
Monodonta confusa Tapparone Canefri, 1874
 개올타리고등
Monodonta neritoides (Philippi, 1849) 각시고등
Monodonta perplexa Pilsbry, 1889 갭장각시고등
- Genus *Stomatella* Lamarck, 1816 꼬마고무신고등속
Stomatella planulata (Lamarck, 1816)
 꼬마고무신고등*
- Genus *Stomatolina* Iredale, 1937 넓은입고등속

Stomatolina rubra (Lamarck, 1822) 넓은입고둥
 FAMILY TURBINIDAE 소라과
 Genus *Astraliium* Link, 1807 바퀴고둥속
Astraliium haematragum (Menke, 1829)
 바퀴고둥*
 Genus *Pomaulax* Gray, 1850 납작소라속
Pomaulax japonicus (Dunker, 1845) 납작소라
 Genus *Turbo* Linnaeus, 1758 소라속
Turbo cornutus Lightfoot, 1786 소라
Turbo excellens G.B. Sowerby III, 1914
 예쁜눈알고둥
Turbo stenogyrus P. Fischer, 1873 민소라
 ORDER NOT ASSIGNED
 FAMILY CERITHIOPSIDAE 갯고둥불이과
 Genus *Paraseila* Laseron, 1951 배불뚝이갯고둥불이속
Paraseila japonica Habe, 1970
 배불뚝이옆줄갯고둥불이*
 FAMILY TRIPHORIDAE 띠줄고둥과
 Genus *Bouchettriphora* B.A. Marshall, 1983
 염주송곳띠줄고둥속
Bouchettriphora confusa (Kosuge, 1963)
 흰색띠줄고둥*
Bouchettriphora otsuensis Yokoyama, 1920
 좁살띠줄고둥*
 Genus *Cautor* B.A. Finlay, 1926 흰띠줄고둥속
Cautor granulatus (Adams & Reeve, 1850)
 흰띠줄고둥*
 Genus *Costatophora* B.A. Marshall, 1983
 적색띠줄고둥속
Costatophora iniqua (Jousseaume, 1898)
 적색띠줄고둥*
 Genus *Iniforis* Jousseaume, 1884 흰바탕띠줄고둥속
Iniforis fusiformis (Kosuge, 1961) 뽕족띠줄고둥*
 Genus *Mastonia* Hinds, 1843 이색고리띠줄고둥속
Mastonia thetis (Hedley, 1899) 두줄좁살띠줄고둥*
 Genus *Viriola* Jousseaume, 1884 띠줄고둥속
Viriola tricincta (Dunker, 1882) 띠줄고둥*
 FAMILY EPITONIIDAE 실꾸리고둥과
 Genus *Gyroscala* de Boury, 1887
Gyroscala lamellose (Lamarck, 1822) 실패고둥
 FAMILY HERMAEIDAE 돌기갯민승불이과
 Genus *Aplysiopsis* Bergh, 1898 검은돌기갯민승불이속
Aplysiopsis nigra (Baba, 1949)
 검은돌기갯민승불이*
 FAMILY LIMAPONTIIDAE
 Genus *Placida* Trinchese, 1876
Placida cremoniana (Trinchese, 1892)
 검정돌기갯민승불이
 FAMILY LITIOPIIDAE 흘쭉이고둥과
 Genus *Styliferina* A. Adams, 1860 흰반점흘쭉이고둥속
Styliferina goniochila A. Adams, 1860
 흰반점흘쭉이고둥
 FAMILY LOTTIIDAE 두드럭배말과
 Genus *Lottia* Gray, 1833 두드럭배말속

Lottia dorsuosa (Gould, 1859) 두드럭배말
Lottia kogamogai Sasaki & Okutani, 1994
 애기두드럭배말
Lottia langfordi (Habe, 1944) 꼬마흰삿갓조개
Lottia luchuana (Pilsbry, 1901)
 주름애기두드럭배말
Lottia tenuisculpta Sasaki & Okutani, 1944
 흰무늬배말
 Genus *Nipponacmaea* Sasaki & Okutani, 1993
 배무래기속
Nipponacmaea fuscoviridis (Teramachi, 1949)
 납작배무래기
Nipponacmaea gloriosa (Habe, 1944)
 멧쟁이배무래기
Nipponacmaea nigrans (Kira, 1961)
Nipponacmaea schrenckii (Lischke, 1868)
 배무래기
 Genus *Niveotectura* Habe, 1944 흰삿갓조개속
Niveotectura pallida (Gould, 1859) 흰삿갓조개
 Genus *Patelloida* Quoy & Gaimard, 1834
 테두리고둥속
Patelloida pygmaea (Dunker, 1860) 애기배말
Patelloida saccharina lanx (Reeve, 1855)
 테두리고둥
Patelloida signata (Pilsbry, 1901) 무늬애기배말
 FAMILY NACELLIDAE 애기삿갓조개과
 Genus *Cellana* H. Adams, 1869 진주배말속
Cellana grata (Gould, 1859) 진주배말
Cellana nigrolineata (Reeve, 1854) 흑색배말
Cellana toreuma (Reeve, 1854) 애기삿갓조개
 FAMILY PLAKOBRANCHIDAE
 날씬이갯민승불이과
 Genus *Elysia* Risso, 1818 날씬이갯민승불이속
Elysia abei Baba, 1955 녹색날씬이갯민승이불이
Elysia atroviridis Baba, 1955
 초록날씬이갯민승이불이
Elysia flavomacula K.R. Jensen, 1990
 점날씬이갯민승불이
Elysia obtusa Baba, 1938
 무딘날씬이갯민승이불이*
Elysia trisinuata Baba, 1949
 동공날씬이갯민승불이*
 FAMILY POTAMIDIDAE 동다리과
 Genus *Cerithidea* Swainson, 1840 비틀이고둥속
Cerithidea balteata A. Adams, 1855
 얼룩비틀이고둥
 FAMILY SILIQUARIIDAE 지렁이고둥과
 Genus *Tenagodus* Guettard, 1770 지렁이고둥속
Tenagodus cumingii Mörch, 1861 지렁이고둥
 FAMILY TRIPHORIDAE 띠줄고둥과
 Genus *Inella* Bayle, 1879 반점띠줄고둥속
Inella japonica Kuroda & Kosuge, 1963
 흐린반점띠줄고둥*
 Genus *Litharium* Dall, 1924 농갈색띠줄고둥속

- Litharium kurodai* (Kosuge, 1962)
농갈색띠줄고등*
- CLASS POLYPLACOPHORA 다판강
ORDER CHITONIDA 군부목
FAMILY ACANTHOCHITONIDAE
가시군부과
- Genus *Acanthochitona* Gray, 1821 가시군부속
Acanthochitona achates (Gould, 1859) 줘털군부
Acanthochitona circellatus (A. Adams & Reeve MS, Reeve, 1847) 참털군부
Acanthochitona defilippi (Tapparone-Canefri, 1874) 털군부
FAMILY CHITONIDAE 군부과
- Genus *Chiton* Linnaeus, 1758
Chiton kurodai Is. & Iw. Taki, 1929 꼬마군부
Chiton tectiformis (Is. Taki, 1938)
- Genus *Liolophura* Pilsbry, 1893
Liolophura japonica (Lischke, 1873) 군부
- Genus *Onithochiton* Gray, 1847 비단군부속
Onithochiton hirasei Pilsbry, 1901 비단군부
FAMILY CRYPTOPLACIDAE 벌레군부과
- Genus *Cryptoplax* Blainville, 1818 벌레군부속
Cryptoplax japonica Pilsbry, 1901 벌레군부
FAMILY ISCHNOCHITONIDAE 연두군부과
- Genus *Ischnochiton* Gray, 1847 연두군부속
Ischnochiton boninensis Bergenhayn, 1933
가는줄연두군부
Ischnochiton comptus (Gould, 1859) 연두군부
Ischnochiton hakodadensis Carpenter in Pilsbry, 1893 굵은줄연두군부
- Genus *Lepidozona* Pilsbry, 1892
Lepidozona coreanica (Reeve, 1847) 줄군부
- Genus *Trioplax* Schulze, 1883
Trioplax albrechtii (Jakovleva, 1862) 북방줄군부*
FAMILY MOPALIIDAE 따가리과
- Genus *Mopalia* Gray, 1847 수염군부속
Mopalia retifera Thiele, 1909 수염군부
- Genus *Placiphorella* Carpenter in Dall, 1879 따가리속
Placiphorella stimpsoni (Gould, 1859) 따가리
FAMILY TONICELLIDAE
- Genus *Tonicella* Carpenter, 1873 북방군부속
Tonicella zotini Jakovleva, 1952
붉은반점북방작은군부
- PHYLUM NEMATODA 선형동물문
CLASS CHROMADOREA 크로마도레아강
ORDER DESMODORIDA 데스모도리다목
FAMILY DRACONEMATIDAE 용선충과
- Genus *Prochaetosoma* Micoletzky, 1922 긴털용선충속
Prochaetosoma dokdoense Rho, Min, Decraemer & Kim, 2010 독도긴털용선충
- PHYLUM NEMERTEA 유형동물문
CLASS ANOPLA
ORDER HETERONEMERTEA
FAMILY LINEIDAE 연두끈벌레과
- Genus *Lineus* Sowerby, 1806
Lineus fuscoviridis Takakura, 1898 연두끈벌레
- Genus *Notospermus* Huschke, 1829
Notospermus geniculatus (Delle Chiaje, 1828)
흰띠끈벌레*
- CLASS HOPLONEMERTEA
ORDER MONOSTILIFERA
FAMILY CRATENEMERTIDAE
- Genus *Nipponnemertes* Friedrich, 1968
Nipponnemertes punctatula (Coe, 1905)
얼룩끈벌레*
- PHYLUM PLATYHELMINTHES 편형동물문
ORDER POLYCLADIDA
FAMILY NOTOPLANIDAE
- Genus *Notoplana* Laidlaw, 1903
Notoplana humilis Stimpson, 1857
민무늬납작벌레
FAMILY PSEUDOCEROTIDAE
- Genus *Pseudoceros* Lang, 1884
Pseudoceros maximus-type A Lang, 1884*
- Genus *Thysanozoon* Grube, 1840
Thysanozoon brocchii Risso, 1818
브로치납작벌레
- PHYLUM PORIFERA 해면동물문
CLASS DEMOSPONGIA 보통해면강
ORDER AXINELLIDA 축해면목
FAMILY AXINELLIDAE 축해면과
- Genus *Axinella* Schmidt, 1862 축해면속
Axinella copiosa Thiele, 1898 축해면*
ORDER BUBARIDA 브바리다해면목
FAMILY DICTYONELLIDAE 가시해면과
- Genus *Phakettia* Laubenfels, 1936
Phakettia arbora (Sim, Kim & Byeon, 1990)
나무동축해면*
ORDER CLIONAIDA 호박해면목
FAMILY CLIONAIDAE 호박해면과
- Genus *Cliona* Grant, 1826 호박해면속
Cliona celata Grant, 1826 호박해면*
ORDER DICTYOCERATIDA 망각해면목
FAMILY IRCINIIDAE 가는실해면과
- Genus *Psammocinia* Lendenfeld, 1889 모래해면속
Psammocinia ulleungensis Sim & Lee, 2004
울릉모래해면*
FAMILY THORECTIDAE 썩렉티드해면과
- Genus *Cacospongia* Schmidt, 1862 카코해면속
Cacospongia dokdoensis Sim, Lee & Kim, 2016
독도카코해면
- Genus *Smenospongia* Wiedenmayer, 1977
스메노해면속
Smenospongia dokdoensis Sim, Lee & Kim, 2016
독도스미노해면
ORDER HALICHONDRIA 해변해면목
FAMILY HALICHONDRIDAE 해변해면과
- Genus *Halichondria* Fleming, 1828 해변해면속

Halichondria okadai (Kadota, 1922)
검정해면해면
Halichondria oshoro Tanita, 1961 황록해면해면
Halichondria panicea (Pallas, 1766)
회색해면해면
Genus *Hymeniacion* Bowerbank, 1861
주황해면해면속
Hymeniacion sinapium de Laubenfels, 1930
주황해면해면
ORDER HAPLOSCLERIDA 단골해면목
FAMILY CALLYSPONGIIDAE 예쁜이해면과
Genus *Callyspongia* Duchassaing & Michelotti, 1864
예쁜이해면속
Callyspongia conforderata (sensu Ridley, 1884)
보라예쁜이해면
Callyspongia differentata (Dendy, 1922)
빨예쁜이해면
FAMILY CHALINIDAE 보라해면과
Genus *Haliclona* Grant, 1836 보라해면속
Haliclona cinerea (Grant, 1826) 재빛아도시해면
Haliclona densaspicula Hoshino, 1981
뺨뺨침보라해면*
Haliclona permollis Bowerbank, 1866 보라해면
Haliclona permollismilis Hoshino, 1981
유사보라해면*
FAMILY PETROSIIDAE 바위해면과
Genus *Petrosia* Vosmaer, 1885 바위해면속
Petrosia (Petrosia) nigricans Lindgren, 1897
검정바위해면*
Petrosia (Strongylophora) corticata (Wilson, 1925)
불통해면
FAMILY MICROCIONIDAE 유령해면과
Genus *Echinoclathria* Carter, 1885 가시바늘뚨해면속
Echinoclathria noto (Tanita, 1963) 바늘뚨해면
FAMILY MYCALIDAE 깃해면과
Genus *Mycale* Gray, 1867 깃해면속
Mycale (Naviculina) ulleungensis Sim & Kang,
2004 울릉깃바늘뚨해면*
FAMILY MYXILLIDAE 끈적해면과
Genus *Myxilla* Schmidt, 1862 끈적해면속
Myxilla (Myxilla) productus Hoshino, 1981
긴끈적해면*
Myxilla (Myxilla) rosacea (Lieberkuhn, 1859)
장미끈적해면*
Myxilla (Myxilla) setoensis Tanita, 1961
넓적끈적해면
Myxilla incrustans (Johnston, 1842)
껍질끈적해면
ORDER SUBERITIDA 코르크해면목
FAMILY SUBERITIDAE 코르크해면과
Genus *Suberites* Nardo, 1833 코르크해면속
Suberites ficus (Johnston, 1842) 집게코르크해면*
Suberites japonicas Thiele, 1898 왜코르크해면*
ORDER TETRACTINELLIDA 사방해면목

FAMILY ANCORINIDAE 별해면과
Genus *Stelletta* Schmidt, 1862 다성별해면속
Stelletta calyx Sim & Kim, 2003 컵별해면*
Stelletta crusta Shim & Sim, 2009 껍질별해면*
Stelletta japonica Lebwohl, 1914 왜별해면*
CLASS HOMOSCLEROMORPHA 동골해면강
ORDER HOMOSCLEROMORPHA 동골해면목
FAMILY OSCARELLIDAE
Genus *Oscarella* Vosmaer, 1884
Oscarella lobularis (Schmidt, 1862)
거품오스카해면
FAMILY PLAKINIDAE 관해면과
Genus *Plakortis* Schulze, 1880 관해면속
Plakortis simplex Schulze, 1880 일삼해면*
PHYLUM SIPUNCULA 성구동물문
CLASS PHASCOLOSOMATIDEA 등촉수별벌레강
ORDER PHASCOLOSOMATIFORMES
등촉수별벌레목
FAMILY PHASCOLOSOMATIDAE
등촉수별벌레과
Genus *Phascolosoma* Leuckart, 1828 등촉수별벌레속
Phascolosoma agassizii agassizii Keferstein,
1866 아가시즈별벌레*
Phascolosoma scolops (Selenka & de Man, 1883)
상어껍질별벌레
PHYLUM CHORDATA 척삭동물문
CLASS ASCIDIACEA 해초강
ORDER APLOUSOBRANCHIA 무관목
FAMILY DIDEMNIDAE 흰덩이명게과
Genus *Didemnum* Savigny, 1816 흰덩이명게속
Didemnum aspiculatum Tokioka, 1949
방패흰덩이명게*
Didemnum moseleyi (Herdman, 1886)
흰덩이명게
Genus *Leptoclinides* Bjerkan, 1905 얼룩무늬명게속
Leptoclinides madara Tokioka, 1953
얼룩무늬흰덩이명게*
Genus *Trididemnum* Della Valle, 1881
세줄흰덩이명게속
Trididemnum savignii (Herdman, 1886)
세줄흰덩이명게
FAMILY HOLOZOIDAE 덩어리곤봉명게과
Genus *Distaplia* Della Valle, 1881 청색곤봉명게속
Distaplia dubia (Oka, 1927) 청색곤봉명게
ORDER PHLEBOBRANCHIA 편새목
FAMILY PEROPHORIDAE 주머니명게과
Genus *Perophora* Wiegmann, 1835 주머니명게속
Perophora japonica Oka, 1927 주머니명게
ORDER STOLIDOBRANCHIA 강새목
FAMILY BOTRYLLIDAE 판명게과
Genus *Botryllus* Gaertner, 1774 판명게속
Botryllus magnicoecus (Hartmeyer, 1912)
붉은판명게
Botryllus tuberatus Ritter & Forsyth, 1917

- 국화판명계
 FAMILY PYURIDAE 명계과
 Genus *Herdmania* Lahille, 1888 벼개명계속
Herdmania mirabilis Drasche, 1884 벼개명계*
 FAMILY STYELIDAE 미더덕과
 Genus *Cnemidocarpa* Huntsman, 1913 크레미도칼파속
Cnemidocarpa irene Hartmeyer, 1906 유두명계
 Genus *Styela* Fleming, 1822 미더덕속
Styela clava Herdman, 1881 미더덕*
 CLASS THALIAACEA 탈리아강
 ORDER SALPIDA 살파목
 FAMILY SALPIDAE 살파과
 Genus *Salpa* Forskål, 1775 살파속
Salpa fusiformis Cuvier, 1804 송곳살파*
Salpa maxima Forskål, 1775 큰살파
 Genus *Thalia* Blumenbach, 1798 탈리아살파속
Thalia democratica Forskål, 1775
 작은탈리아살파*
 CLASS ACTINOPTERYGII 조기강
 ORDER ATHERINIFORMES 색줄멸목
 FAMILY NOTOCHEIRIDAE 물꽃치과
 Genus *Iso* Jordan & Starks, 1901 물꽃치속
Iso flosmaris Jordan & Starks, 1901 물꽃치
 ORDER BELONIFORMES 동갈치목
 FAMILY BELONIDAE 동갈치과
 Genus *Strongylura* van Hasselt, 1824 동갈치속
Strongylura anastomella (Valenciennes, 1846)
 동갈치
 FAMILY EXOCOETIDAE 날치과
 Genus *Cypselurus* Swainson, 1838 날치속
Cypselurus agoo (Temminck & Schlegel, 1846)
 날치
 FAMILY SCOMBERESOCIDAE 꽁치과
 Genus *Cololabis* Gill, 1896 꽁치속
Cololabis saira (Bervoort, 1856) 꽁치
 ORDER BERYCIFORMES 금눈돔목
 FAMILY HOLOCENTRIDAE 얼게돔과
 Genus *Myripristis* Cuvier, 1829 적투어속
Myripristis botche Cuvier, 1829 비늘적투어
 Genus *Ostichthys* Cuvier, 1829 도화돔속
Ostichthys japonicus (Cuvier, 1829) 도화돔
 FAMILY MONOCENTRIDAE 철갑등어과
 Genus *Monocentris* Bloch & Schneider, 1801
 철갑등어속
Monocentris japonicus (Houttuyn, 1782) 철갑등어
 FAMILY TRACHICHTHYIDAE 납작금눈돔과
 Genus *Aulotrachichthys* Fowler, 1938 은줄금눈돔속
Aulotrachichthys prosthemi (Jordan & Fowler,
 1902) 은줄금눈돔
 ORDER CLUPEIFORMES 청어목
 FAMILY CLUPEIDAE 청어과
 Genus *Clupea* Linnaeus, 1758 청어속
Clupea pallasii Valenciennes, 1847 청어
 Genus *Konosirus* Jordan & Snyder, 1900 전어속
Konosirus punctatus (Temminck & Schlegel,
 1846) 전어
 Genus *Sardinops* Hubbs, 1929 정어리속
Sardinops melanostictus (Temminck & Schlegel,
 1846) 정어리
 Genus *Spratelloides* Bleeker, 1851 셋줄멸속
Spratelloides gracilis (Temminck & Schlegel,
 1846) 셋줄멸
 FAMILY ENGRAULIDAE 멸치과
 Genus *Engraulis* Cuvier, 1816 멸치속
Engraulis japonicus Temminck & Schlegel, 1846
 멸치
 ORDER GADIFORMES 대구목
 FAMILY GADIDAE 대구과
 Genus *Gadus* Linnaeus, 1758 대구속
Gadus macrocephalus Tilesius, 1810 대구
 Genus *Theragra* Lucas, 1898 명태속
Theragra chalcogramma (Pallas, 1814) 명태
 FAMILY MORIDAE 돌대구과
 Genus *Lotella* Kaup, 1858 놀락민태속
Lotella phycis (Temminck & Schlegel, 1846)
 놀락민태
 ORDER GASTEROSTEIFORMES
 큰가시고기목
 FAMILY FISTULARIIDAE 대치과
 Genus *Fistularia* Linnaeus, 1758 대치속
Fistularia petimba Lacepède, 1803 청대치
 FAMILY SYNGNATHIDAE 실고기과
 Genus *Doryrhamphus* Kaup, 1856
Doryrhamphus japonicus Araga & Yoshino, 1975
 부채꼬리실고기
 Genus *Hippocampus* Rafinesque, 1810 해마속
Hippocampus haema (Han, Kim, Kai & Senou,
 2017) 해마
 Genus *Syngnathus* Linnaeus, 1758 실고기속
Syngnathus schlegeli Kaup, 1853 실고기
 Genus *Trachyrhamphus* Kaup, 1853 거물가시치속
Trachyrhamphus serratus (Temminck & Schlegel,
 1850) 거물가시치
 ORDER LAMPRIDIFORMES 이악어목
 FAMILY TRACHIPTERIDAE 투라치과
 Genus *Trachipterus* Goüan, 1770 투라치속
Trachipterus ishikawae Jordan & Snyder, 1901
 투라치
 ORDER LOPHIIFORMES 아귀목
 FAMILY ANTENNARIIDAE 씬벙이과
 Genus *Antennarius* Daudin, 1816 씬벙이속
Antennarius striatus (Shaw, 1794) 빨간션벙이
 Genus *Histrio* Fischer, 1813 노랑션벙이속
Histrio histrio (Linnaeus, 1758) 노랑션벙이
 ORDER MUGILIFORMES 송어목
 FAMILY MUGILIDAE 송어과
 Genus *Mugil* Linnaeus, 1758 송어속
Mugil cephalus Linnaeus, 1758 송어

- ORDER PERCIFORMES 농어목
 FAMILY ACANTHURIDAE 양귀돔과
 Genus *Prionurus* Lacepède, 1804 쥐돔속
Prionurus scalprum Valenciennes, 1835 쥐돔
 FAMILY APOGONIDAE 동갈돔과
 Genus *Apogon* Lacepède, 1801 동갈돔속
Apogon doederleini Jordan & Snyder, 1901
 세줄얼개비늘
Apogon endekataenia Bleeker, 1852 줄동갈돔
Apogon semilineatus Temminck & Schlegel, 1843
 줄도화돔
Apogon notatus (Houttuyn, 1782) 점동갈돔
 Genus *Gymnapogon* Regan, 1905 민동갈돔속
Gymnapogon japonicus Regan, 1905 민동갈돔
 FAMILY BLENNIIDAE 청베도라치과
 Genus *Entomacrodus* Gill, 1859
Entomacrodus stellifer (Jordan & Snyder, 1902)
 저올베도라치
 Genus *Omobranchus* Valenciennes, 1836
 앞동갈베도라치속
Omobranchus elegans (Steindachner, 1876)
 앞동갈베도라치
 Genus *Parablennius* Miranda Ribeiro, 1915
 청베도라치속
Parablennius yatabei (Jordan & Snyder, 1900)
 청베도라치
 Genus *Petroscirtes* Rüppell, 1830 두줄베도라치속
Petroscirtes breviceps (Valenciennes, 1836)
 두줄베도라치
Petroscirtes variabilis Cantor, 1849 개베도라치
 FAMILY CAESIONIDAE 세줄가는돔과
 Genus *Pterocaesio* Bleeker, 1876 세줄가는돔속
Pterocaesio trilineata Carpenter, 1987 세줄가는돔
 FAMILY CALLIONYMIDAE 돛양태과
 Genus *Neosynchiropus* Nalbant, 1979 연지알롱양태속
Neosynchiropus ijimai (Jordan & Thompson, 1914) 연지알롱양태
 Genus *Repomucenus* Whitley, 1931 동갈양태속
Repomucenus beniteguri (Jordan & Snyder, 1900)
 날돛양태
Repomucenus lunatus (Temminck & Schlegel, 1845) 돛양태
 FAMILY CARANGIDAE 전갱이과
 Genus *Carangoides* Bleeker, 1851 유전갱이속
Carangoides orhogrammus (Jordan & Gilbert, 1882) 노랑점무늬유전갱이
 Genus *Elagatis* Bennett, 1840 참치방어속
Elagatis bipinnulata (Quoi & Gaimard, 1825)
 참치방어
 Genus *Kaiwarinus* Suzuki, 1962 갈전갱이속
Kaiwarinus equula (Temminck & Schlegel, 1844)
 갈전갱이
 Genus *Selar* Bleeker, 1851 새가라지속
Selar crumenophthalmus (Bloch, 1793) 새가라지
 Genus *Seriola* Cuvier, 1816 방어속
Seriola quinqueradiata Temminck & Schlegel, 1845 방어
Seriola lalandi Valemcoemmes, 1833 부시리
Seriola dumerili (Risso, 1810) 잭방어
 Genus *Trachurus* Rafinesque, 1810 전갱이속
Trachurus japonicus (Temminck & Schlegel, 1844) 전갱이
 FAMILY CENTROLOPHIDAE 셋돔과
 Genus *Hyperoglyphe* Günther, 1859 연어병치속
Hyperoglyphe japonica (Döderlein, 1884)
 연어병치
 FAMILY CHAENOPSIDAE 비늘베도라치과
 Genus *Neoclinus* Girard, 1858
Neoclinus bryope (Jordan & Snyder, 1902)
 비늘베도라치
Neoclinus chihiroe Fukao, 1987
 동해비늘베도라치
 FAMILY CHAETODONTIDAE 나비고기와
 Genus *Chaetodon* Linnaeus, 1758 나비고기속
Chaetodon wiebeli Kaup, 1863 꼬리줄나비고기
Chaetodon modestus Temminck & Schlegel, 1844 세동가리돔
 FAMILY CHEILODACTYLIDAE 다동가리과
 Genus *Goniistius* Gill, 1862 아홉동가리속
Goniistius quadricornis (Günther, 1860)
 여덟동가리
Goniistius zonatus (Cuvier, 1830) 아홉동가리
 FAMILY CORYPHAENIDAE 만새기와
 Genus *Coryphaena* Linnaeus, 1758 만새기속
Coryphaena hippurus Linnaeus, 1758 만새기
 FAMILY EMBIOTOCIDAE 망상어과
 Genus *Ditrema* Temminck & Schlegel, 1844 망상어속
Ditrema temminckii Bleeker, 1853 망상어
 Genus *Neoditrema* Steindachner, 1883 인상어속
Neoditrema ransonnetii Steindachner, 1883 인상어
 FAMILY GOBIESOCIDAE 학치과
 Genus *Lepadichthys* Waite, 1904 큰입학치속
Lepadichthys frenatus Waite, 1904 큰입학치
 FAMILY GOBIIDAE 망둑어과
 Genus *Astrabe* Jordan & Snyder, 1901 독도얼룩망둑속
Astrabe fasciata Akihito & Meguro, 1988
 독도얼룩망둑
 Genus *Chaenogobius* Gill, 1859 별망둑속
Chaenogobius gulosus (Sauvage, 1882) 별망둑
 Genus *Istigobius* Whitley, 1932
Istigobius hoshinonis (Tanaka, 1917) 비단망둑
Istigobius campbelli (Jordan & Snyder, 1901)
 사자코망둑
 Genus *Priolepis* Valenciennes, 1837 흰동갈망둑속
Priolepis boreus (Snyder, 1909) 흰동갈망둑
 Genus *Pterogobius* Gill, 1863 흰줄망둑속
Pterogobius zacalles Jordan & Snyder, 1901
 다섯동갈망둑

- Pterogobius elapoides* (Günther, 1872)
일곱동갈망둑
Pterogobius zonoleucus Jordan & Snyder, 1901
흰줄망둑
Genus *Sagamia* Jordan & Snyder, 1901 바닥문절속
Sagamia genetonema (Hilgendorf, 1879) 바닥문절
Genus *Trimma* Jordan & Seale, 1906
Trimma grammistes (Tomiyama, 1936) 꼬마줄망둑
FAMILY KYPHOSIDAE 황줄깜정이고
Genus *Girella* Gray, 1835 벙에돔속
Girella melanichthys (Richardson, 1846)
긴꼬리벙에돔
Girella punctata Gray, 1835 벙에돔
Genus *Microcanthus* Swainson, 1839 범돔속
Microcanthus strigatus (Cuvier, 1831) 범돔
FAMILY LABRIDAE 놀래기과
Genus *Halichoeres* Rüppell, 1835 놀래기속
Halichoeres tenuispinnis (Günther, 1862) 놀래기
Halichoeres poecilopterus (Temminck & Schlegel, 1845) 용치놀래기
Genus *Labroides* Bleeker, 1851 청소놀래기속
Labroides dimidiatus (Valenciennes, 1839)
청줄청소놀래기
Genus *Pseudolabrus* Bleeker, 1862 황놀래기속
Pseudolabrus sieboldi Mabuchi & Nakabo, 1997
황놀래기
Genus *Pteragogus* Peters, 1855 어렁놀래기속
Pteragogus flagellifer (Valenciennes, 1839)
어렁놀래기
Genus *Semicossyphus* Günther, 1861 흑돔속
Semicossyphus reticulatus (Valenciennes, 1839)
흑돔
Genus *Stethojulis* Günther, 1861 무지개놀래기속
Stethojulis interrupta terina Jordan & Snyder, 1902 무지개놀래기
Genus *Thalassoma* Swainson, 1839 고생놀래기속
Thalassoma cupido (Temminck & Schlegel, 1845)
고생놀래기
Thalassoma lunare (Linnaeus, 1758)
녹색물결놀래기
FAMILY LETHRINIDAE 갈돔과
Genus *Gymnocranius* Klunzinger, 1870 까치돔속
Gymnocranius griseus (Temminck & Schlegel, 1843) 까치돔
Genus *Lethrinus* Cuvier, 1829 갈돔속
Lethrinus genivittatus Valenciennes, 1830 줄갈돔
FAMILY MORONIDAE 농어과
Genus *Lateolabrax* Bleeker, 1854 농어속
Lateolabrax japonicus (Cuvier, 1828) 농어
FAMILY MULLIDAE 촉수과
Genus *Parupeneus* Bleeker, 1863 촉수속
Parupeneus ciliatus (Lacepède, 1802) 금줄촉수
Parupeneus indicus (Shaw, 1803) 인디안촉수
Parupeneus spilurus (Bleeker, 1854) 두줄촉수
Genus *Upeneus* Cuvier, 1829 노랑촉수속
Upeneus japonicus (Houttuyn, 1782) 노랑촉수
Upeneus tragula Richardson, 1846 검은줄촉수
FAMILY NOMEIDAE 노메치고
Genus *Psenes* Valenciennes, 1833 물릉돔속
Psenes pellucidus Lütken, 1880 물릉돔
FAMILY OPLEGNATHIDAE 돌돔과
Genus *Oplegnathus* Richardson, 1840 돌돔속
Oplegnathus fasciatus (Temminck & Schlegel, 1844) 돌돔
Oplegnathus punctatus (Temminck & Schlegel, 1844) 강담돔
FAMILY PENTACEROTIDAE 황줄돔과
Genus *Evistias* Jordan, 1907 육동가리돔속
Evistias acutirostris (Temminck & Schlegel, 1844) 육동가리돔
FAMILY PHOLIDIDAE 황줄베도라치고
Genus *Pholis* Scopoli, 1777 베도라치고속
Pholis nebulosa (Temminck & Schlegel, 1845)
베도라치고
FAMILY PINGUIPEDIDAE 양동미리고
Genus *Parapercis* Bleeker, 1863
Parapercis snyderi Jordan & Starks, 1905 동미리
FAMILY POMACANTHIDAE 청줄돔과
Genus *Chaetodontoplus* Bleeker, 1876 청줄돔속
Chaetodontoplus septentrionalis (Temminck & Schlegel, 1844) 청줄돔
FAMILY POMACENTRIDAE 자리돔과
Genus *Abudefduf* Forsskål, 1775 줄자돔속
Abudefduf vaigiensis (Quoy & Gaimard, 1825)
해포리고기
Genus *Chromis* Cuvier, 1814 자리돔속
Chromis albicaula Allen & Erdmann, 2009
흰꼬리노랑자리돔
Chromis notata (Temminck & Schlegel, 1843)
자리돔
Genus *Pomacentrus* Lacepède, 1802 점자돔속
Pomacentrus coelestis Jordan & Starks, 1901
파랑돔
Genus *Stegastes* Jenyns, 1840
Stegastes altus (Okada & Ikeda, 1937) 살자리돔
FAMILY SCOMBRIDAE 고등어과
Genus *Auxis* Cuvier, 1829 물치다래속
Auxis rochei (Risso, 1810) 몽치다래
Genus *Euthynnus* Lütken, 1883 점다랭이속
Euthynnus affinis (Cantor, 1849) 점다랭어
Genus *Katsuwonus* Kishinouye, 1915 가다랭이속
Katsuwonus pelamis (Linnaeus, 1758) 가다랭어
Genus *Scomber* Linnaeus, 1758 고등어속
Scomber japonicus Houttuyn, 1782 고등어
FAMILY SERRANIDAE 바리고
Genus *Epinephelus* Bloch, 1793 우레기속
Epinephelus akaara (Temminck & Schlegel, 1842)
붉바리

- Epinephelus awoara* (Temminck & Schlegel, 1842)
도도바리
- Epinephelus bruneus* Bloch, 1793 자바리
- Epinephelus chlorostigma* (Valenciennes, 1828)
구실우럭
- Epinephelus fasciatus* (Forsskål, 1775) 홍바리
- Epinephelus septemfasciatus* (Thunberg, 1793)
능성어
- FAMILY SIGANIDAE 독가시치과
- Genus *Siganus* Forsskal, 1775 독가시치속
- Siganus fuscescens* (Houttuyn, 1782) 독가시치
- FAMILY SPARIDAE 도미과
- Genus *Acanthopagrus* Peters, 1855 감성돔속
- Acanthopagrus latus* (Houttuyn, 1782) 새눈치
- Acanthopagrus schlegelii* (Bleeker, 1954) 감성돔
- Genus *Pagrus* Cuvier, 1816 참돔속
- Pagrus major* (Temminck & Schlegel, 1843) 참돔
- FAMILY SPHYRAENIDAE 꼬치고기과
- Genus *Sphyræna* Artedi, 1793 꼬치고기속
- Sphyræna japonica* Cuvier, 1829 애꼬치
- Sphyræna pinguis* Günther, 1874 꼬치고기
- FAMILY STICHAEIDAE 장갱이과
- Genus *Dictyosoma* Temminck & Schlegel, 1845
그물베도라치속
- Dictyosoma burgeri* Van der Hoeven, 1855
그물베도라치
- Genus *Ernogrammus* Joreau & Evermann, 1898
세줄베도라치속
- Ernogrammus hexagrammus* (Schlegel, 1845)
세줄베도라치
- Ernogrammus zhirmunskii* Markevich & Kharin,
2011 일곱줄베도라치
- Genus *Stichæopsis* Kner, 1870
- Stichæopsis epallax* (Jordan & Snyder, 1902)
큰줄베도라치
- FAMILY TRICHODONTIDAE 도루묵과
- Genus *Arctoscopus* Jordan & Evermann, 1896
도루묵속
- Arctoscopus japonicus* (Steindachner, 1881)
도루묵
- FAMILY TRIPTERYGIIDAE 먹도라치과
- Genus *Enneapterygius* Rüppell, 1835 가막베도라치속
- Enneapterygius etheostomus* (Jordan & Snyder,
1902) 가막베도라치
- Genus *Springerichthys* Shen, 1994 청황베도라치속
- Springerichthys bapturus* (Jordan & Snyder,
1902) 청황베도라치
- ORDER PLEURONECTIFORMES 가자미목
- FAMILY PARALICHTHYIDAE 넙치과
- Genus *Paralichthys* Girard, 1858 넙치속
- Paralichthys olivaceus* (Temminck & Schlegel,
1846) 넙치
- FAMILY PLEURONECTIDAE 가자미과
- Genus *Clidoderma* Bleeker, 1862 줄가자미속
- Clidoderma asperrimum* (Temminck & Schlegel,
1846) 줄가자미
- Genus *Eopsetta* Jordan & Goss, 1885 물가자미속
- Eopsetta grigorjewi* (Herzenstein, 1890) 물가자미
- Genus *Glyptocephalus* Gottsche, 1835 기름가자미속
- Glyptocephalus stelleri* (Schmidt, 1904)
기름가자미
- Genus *Microstomus* Gottsche, 1835 찰가자미속
- Microstomus achne* (Jordan & Starks, 1904)
찰가자미*
- Genus *Pleuronectes* Linnaeus, 1758 호수가자미속
- Pleuronectes herzensteini* (Jordan & Snyder,
1901) 참가자미
- Pleuronectes obscurus* (Herzenstein, 1890)
감성가자미
- Pleuronectes schrenki* (Schmidt, 1904) 점가자미
- ORDER SALMONIFORMES 연어목
- FAMILY SALMONIDAE 연어과
- Genus *Oncorhynchus* Suckley, 1861 연어속
- Oncorhynchus masou masou* (Brevoort, 1856)
산천어/송어
- Oncorhynchus keta* (Walbaum, 1792) 연어
- ORDER SCORPAENIFORMES 쏨뱅이목
- FAMILY COTTIDAE 독중개과
- Genus *Icelus* Krøyer, 1845 줄가시횃대속
- Icelus cataphractus* (Pavlenko, 1910) 줄가시횃대
- Genus *Pseudoblennius* Temminck & Schlegel, 1850
돌팍망둑속
- Pseudoblennius cottoides* (Richardson, 1848)
가시망둑
- Pseudoblennius marmoratus* (Döderlein, 1884)
돌망둑이
- Genus *Vellitor* Jordan & Starks, 1904 창치속
- Vellitor centropomus* (Richardson, 1848) 창치
- FAMILY CYCLOPTERIDAE 도치과
- Genus *Eumicrotremus* Gill, 1862 우릉성치속
- Eumicrotremus birulai* Popov, 1928 우릉성치
- FAMILY HEXAGRAMMIDAE 쥐노래미과
- Genus *Hexagrammos* Tilesius, 1810 쥐노래미속
- Hexagrammos agrammus* (Temminck & Schlegel,
1843) 노래미
- Hexagrammos otakii* Jordan & Starks, 1895
쥐노래미
- Genus *Pleurogrammus* Gill, 1861 임연수어속
- Pleurogrammus azonus* Jordan & Metz, 1913
임연수어
- FAMILY LIPARIDAE 꼼치과
- Genus *Liparis* Scopoli, 1777 꼼치속
- Liparis tanakae* (Gilbert & Burke, 1912) 꼼치
- FAMILY PLATYCEPHALIDAE 양태과
- Genus *Platycephalus* Bloch, 1795 양태속
- Platycephalus indicus* (Linnaeus, 1758) 양태
- FAMILY SCORPAENIDAE 양볼락과
- Genus *Hypodytes* Gistel, 1848 미역치속

- Hypodytes rubripinnis* (Temminck & Schlegel, 1843) 미역치
- Genus *Pterois* Oken, 1817 솔배감펍속
Pterois lunulata Temminck & Schlegel, 1843
솔배감펍
- Genus *Scorpaena* Linnaeus, 1758 살살치속
Scorpaena miostoma Günther, 1877 주굴감펍
Scorpaena onaria Jordan & Snyder, 1900 점감펍
- Genus *Scorpaenodes* Bleeker, 1857 주홍감펍속
Scorpaenodes littoralis (Tanaka, 1917) 주홍감펍
- Genus *Sebastes* Cuvier, 1829 볼락속
Sebastes hubbsi (Matsubara, 1937) 우럭볼락
Sebastes inermis Cuvier, 1829 볼락
Sebastes joyneri Günther, 1878 도화볼락
Sebastes longispinis (Matsubara, 1934)
흰꼬리볼락
Sebastes owstoni (Jordan & Thompson, 1914)
황볼락
Sebastes pachycephalus Temminck & Schlegel, 1843 개볼락
Sebastes schlegelii Hilgendorf, 1880 조피볼락
Sebastes thompsoni (Jordan & Hubbs), 1925
불볼락
Sebastes trivittatus Hilgendorf, 1880 세줄볼락
Sebastes vulpes Döderlein, 1884 누루시볼락
Sebastes zonatus Chen & Barsukov, 1976 띠볼락
- Genus *Sebastiscus* Jordan & Starks, 1904 썸뱅이속
Sebastiscus marmoratus (Cuvier, 1829) 썸뱅이
- ORDER SILURIFORMES 메기목
FAMILY PLOTOSIDAE 쓸종개과
- Genus *Plotosus* Lacépède, 1803 쓸종개속
Plotosus lineatus (Thunberg, 1787) 쓸종개
- ORDER TETRAODONTIFORMES 복어목
FAMILY DIODONTIDAE 가시복과
- Genus *Diodon* Linnaeus, 1758 가시복속
Diodon holocanthus Linnaeus, 1758 가시복
- FAMILY MONACANTHIDAE 쥐치과
- Genus *Paramonacanthus* Bleeker, 1865
Paramonacanthus japonicus (Tilesius, 1809)
새양쥐치
- Genus *Rudarius* Jordan & Fowler, 1902 그물코쥐치속
Rudarius ercodes Jordan & Fowler, 1902
그물코쥐치
- Genus *Stephanolepis* Gill, 1861 쥐치속
Stephanolepis cirrhifer (Temminck & Schlegel, 1850) 쥐치
- Genus *Thamnaconus* Smith, 1949 말쥐치속
Thamnaconus modestus (Günther, 1877) 말쥐치
- FAMILY OSTRACIIDAE 거북복과
- Genus *Ostracion* Linnaeus, 1758 거북복속
Ostracion cubicus Linnaeus, 1758 노랑거북복
Ostracion immaculatus Temminck & Schlegel, 1850 거북복
- FAMILY TETRAODONTIDAE 참복과
- Genus *Arothron* Müller, 1841 꺼끌복속
Arothron hispidus (Linnaeus, 1758) 흰점꺼끌복
- Genus *Takifugu* Abe, 1949 참복속
Takifugu niphobles (Jordan & Snyder, 1901) 복섬
Takifugu pardalis (Temminck & Schlegel, 1850)
졸복
Takifugu porphyreus (Temminck & Schlegel, 1850) 검복
Takifugu rubripes (Temminck & Schlegel, 1850)
자주복
Takifugu stictonotus (Temminck & Schlegel, 1850) 까칠복*
Takifugu vermicularis (Temminck & Schlegel, 1850) 국매리복
- ORDER ZEIFORMES 달고기목
FAMILY ZEIDAE 달고기과
- Genus *Zeus* Linnaeus, 1758 달고기속
Zeus faber Linnaeus, 1758 달고기
- CLASS CHONDRICHTHYES 연골어강
ORDER RAJIFORMES 홍어목
FAMILY NARCINIDAE 전기가오리과
- Genus *Narke* Kaup, 1826 전기가오리속
Narke japonica (Temminck & Schlegel, 1850)
전기가오리
- FAMILY RAJIDAE 홍어과
- Genus *Dipturus* Rafinesque, 1810
Dipturus kwangtungensis (Chu, 1960) 광둥홍어*
- Genus *Raja* Linnaeus, 1758 가오리속
Raja pulchra Liu, 1932 참홍어
- CLASS AVES 조강
ORDER ANSERIFORMES 기러기목
FAMILY ANATIDAE 오리과
- Genus *Aix* Boie, 1828 원앙속
Aix galericulata (Linnaeus, 1758) 원앙
- Genus *Anas* (Linnaeus, 1758) 오리속
Anas acuta Linnaeus, 1758 고방오리
Anas crecca Linnaeus, 1758 쇠오리
Anas platyrhynchos Linnaeus, 1758 청둥오리
Anas poecilorhyncha Forster, 1781 흰뺨검둥오리
- Genus *Anser* Brisson, 1760 기러기속
Anser albifrons (Scopoli, 1769) 쇠기러기
- Genus *Cygnus* Bechstein, 1803 고니속
Cygnus columbianus (Ord), 1815 고니
- Genus *Mergus* Linnaeus, 1758 비오리속
Mergus merganser Linnaeus, 1758 비오리
Mergus serrator Linnaeus, 1758 바다비오리
- ORDER APODIFORMES 갈새목
FAMILY APODIDAE 갈새과
- Genus *Apus* Scopoli, 1777 갈새속
Apus pacificus (Latham, 1801) 갈새
- ORDER CAPRIMULGIFORMES 썩독새목
FAMILY CAPRIMULGIDAE 썩독새과
- Genus *Caprimulgus* Linnaeus, 1758 썩독새속
Caprimulgus indicus Latham, 1790 썩독새

ORDER CHARADRIIFORMES 도요목

FAMILY ALCIDAE 바다오리과

- Genus *Synthliboramphus* Brandt, 1837 바다쇠오리속
Synthliboramphus antiquus (Gmelin, 1789)
 바다쇠오리
Synthliboramphus wumizusume (Temminck, 1836)
 뿔쇠오리

FAMILY CHARADRIIDAE 물떼새과

- Genus *Charadrius* Scopoli, 1786 물떼새속
Charadrius dubius Scopoli, 1786 꼬마물떼새
 Genus *Pluvialis* Brisson, 1760 개펄속
Pluvialis fulva (Gmelin, 1789) 검은가슴물떼새

FAMILY GLAREOLIDAE 제비물떼새과

- Genus *Glareola* Forster, 1795 제비물떼새속
Glareola maldivarum Forster, 1795 제비물떼새*

FAMILY LARIDAE 갈매기과

- Genus *Larus* Linnaeus, 1758 갈매기속
Larus argentatus Pontoppidan, 1763 재갈매기
Larus crassirostris Vieillot, 1818 팽이갈매기
Larus hyperboreus Gunnerus, 1767 흰갈매기
Larus schistisagus Stejneger, 1884 큰재갈매기

- Genus *Sterna* Linnaeus, 1758 제비갈매기속
Sterna albifrons Pallas, 1764 쇠제비갈매기
Sterna hirundo Linnaeus, 1758 제비갈매기

FAMILY SCOLOPACIDAE 도요과

- Genus *Actitis* Illiger, 1811 갑작도요속
Actitis hypoleucos (Linnaeus, 1758) 갑작도요
 Genus *Arenaria* Brisson, 1760 꼬까도요속
Arenaria interpres (Linnaeus, 1758) 꼬까도요
 Genus *Calidris* Merrem, 1804 붉은가슴도요속
Calidris alba (Pallas, 1764) 세가락도요
Calidris alpina (Linnaeus, 1758) 민물도요
Calidris canutus (Linnaeus, 1758) 붉은가슴도요
Calidris ruficollis (Pallas, 1776) 좁도요
Calidris subminuta (Middendorff, 1853) 종달도요
 Genus *Gallinago* Brisson, 1760 짝도요속
Gallinago gallinago (Linnaeus, 1758) 짝도요
 Genus *Heteroscelus* Baird, 1858 노랑발도요속
Heteroscelus brevipes (Vieillot, 1816) 노랑발도요
 Genus *Numenius* Brisson, 1760 마도요속
Numenius phaeopus (Linnaeus, 1758) 중부리도요
 Genus *Phalaropus* Brisson, 1760 지느러미발도요속
Phalaropus lobatus (Linnaeus, 1758)
 지느러미발도요

- Genus *Scolopax* Linnaeus, 1758 멧도요속
Scolopax rusticola Linnaeus, 1758 멧도요

- Genus *Tringa* Linnaeus, 1758 뺨뺨도요속
Tringa erythropus (Pallas, 1764) 학도요
Tringa glareola Linnaeus, 1758 알락도요
Tringa nebularia (Gunnerus, 1767) 청다리도요
Tringa ochropus Linnaeus, 1758 뺨뺨도요

- Genus *Xenus* Kaup, 1829 뒷부리도요속
Xenus cinereus (Güldenstädt, 1774) 뒷부리도요
 ORDER CICONIIFORMES 황새목

FAMILY ARDEIDAE 백로과

- Genus *Ardea* Linnaeus, 1758 왜가리속
Ardea alba alba Linnaeus, 1758 대백로
Ardea alba modesta J.E. Gray, 1831 중대백로
Ardea cinerea (Linnaeus, 1758) 왜가리
 Genus *Ardeola* Boie, 1822 흰날개해오라기속
Ardeola bacchus (Bonaparte, 1855)
 흰날개해오라기
 Genus *Bubulcus* Bonaparte, 1855 황로속
Bubulcus ibis (Linnaeus, 1758) 황로
 Genus *Butorides* Blyth, 1849 검은댕기해오라기속
Butorides striata (Linnaeus, 1758)
 검은댕기해오라기

- Genus *Egretta* T. Foster, 1817 백로속
Egretta garzetta (Linnaeus, 1766) 쇠백로
Egretta intermedia (Wagler, 1829) 중백로
 Genus *Nycticorax* T. Foster, 1817 해오라기속
Nycticorax nycticorax (Linnaeus, 1758) 해오라기

ORDER COLUMBIFORMES 비둘기목

FAMILY COLUMBIDAE 비둘기과

- Genus *Columba* Linnaeus, 1758 흑비둘기속
Columba janthina Temminck, 1830 흑비둘기
Columba rupestris Pallas, 1811 양비둘기
Columba livia Gmelin, 1789 집비둘기
 Genus *Sterptopelia* Bonaparte, 1855 멧비둘기속
Sterptopelia orientalis (Latham, 1790) 멧비둘기
 Genus *Treron* Vieillot, 1816 녹색비둘기속
Treron sieboldii (Temminck, 1835) 녹색비둘기

ORDER CORACIIFORMES 파랑새목

FAMILY ALCEDINIDAE 물총새과

- Genus *Alcedo* Linnaeus, 1758 물총새속
Alcedo atthis (Linnaeus, 1758) 물총새
 Genus *Halcyon* Swainson, 1820 호반새속
Halcyon pileata (Boddaert, 1783) 청호반새

FAMILY CORACIIDAE 파랑새과

- Genus *Eurystomus* Vieillot, 1816 파랑새속
Eurystomus orientalis (Linnaeus, 1766) 파랑새

FAMILY UPUPIDAE 후투티과

- Genus *Upupa* Linnaeus, 1758 후투티속
Upupa epops Linnaeus, 1758 후투티

ORDER CUCULIFORMES 두견목

FAMILY CUCULIDAE 두견과

- Genus *Cuculus* Linnaeus, 1758 두견속
Cuculus saturatus Blyth, 1843 병어리뺨꾸기

ORDER FALCONIFORMES 매목

FAMILY ACCIPITRIDAE 수리과

- Genus *Accipiter* Brisson, 1760 새매속
Accipiter gentilis (Linnaeus, 1758) 참매
Accipiter gularis (Temminck & Schlegel, 1844)
 조롱이
Accipiter nisus (Linnaeus, 1758) 새매
Accipiter soloensis (Horsfield, 1822) 붉은배새매
 Genus *Butastur* Hodgson, 1843 왕새매속
Butastur indicus (Gmelin, 1788) 왕새매

- Genus *Buteo* Lacépède, 1799 말뚱가리속
Buteo buteo (Linnaeus, 1758) 말뚱가리
- Genus *Milvus* Lacépède, 1799 솔개속
Milvus migrans (Boddaert, 1783) 솔개
- Genus *Pandion* Savigny, 1809 물수리속
Pandion haliaetus (Linnaeus, 1758) 물수리
- Genus *Pernis* Cuvier, 1817 벌매속
Pernis ptilorhynchus (Temminck, 1821) 벌매
 FAMILY FALCONIDAE 매과
- Genus *Falco* Linnaeus, 1758 매속
Falco columbarius Linnaeus, 1758 쇠황조롱이
Falco peregrinus Tunstall, 1771 매
Falco subbuteo Linnaeus, 1758 새호리기
Falco tinnunculus Linnaeus, 1758 황조롱이
 ORDER GALLIFORMES 닭목
 FAMILY PHASIANIDAE 꿩과
- Genus *Coturnix* Bonnatere, 1791 메추라기속
Coturnix japonica Temminck & Schlegel, 1849 메추라기
 ORDER GAVIIFORMES 아비목
 FAMILY GAVIIDAE 아비과
- Genus *Gavia* J.R. Foster, 1788 아비속
Gavia arctica (Linnaeus, 1758) 큰희색머리아비
Gavia stellata stellata (Pontoppidan, 1763) 아비
 ORDER GRUIFORMES 두루미목
 FAMILY GRUIDAE 두루미과
- Genus *Grus* Brisson, 1760 두루미속
Grus monacha Temminck, 1835 흑두루미
 FAMILY RALLIDAE 뜰부기과
- Genus *Gallinula* Brisson, 1760 쇠물닭속
Gallinula chloropus (Linnaeus, 1758) 쇠물닭
- Genus *Porzana* Vieillot, 1816 쇠뜸부기속
Porzana paykullii (Ljungh, 1813) 한국뜸부기
 ORDER PASSERIFORMES 참새목
 FAMILY ALAUDIDAE 종다리과
- Genus *Alauda* Linnaeus, 1758 종다리속
Alauda arvensis Linnaeus, 1758 종다리
 FAMILY CAMPEPHAGIDAE 할미새사촌과
- Genus *Pericrocotus* Boie, 1826 할미새사촌속
Pericrocotus divaricatus (Raffles, 1822) 할미새사촌
 FAMILY CORVIDAE 까마귀과
- Genus *Corvus* Linnaeus, 1758 까마귀속
Corvus corone Linnaeus, 1758 까마귀
Corvus frugilegus Linnaeus, 1758 떼까마귀
Corvus macrorhynchos Wagler, 1827 큰부리까마귀
 FAMILY EMBERIZIDAE 멧새과
- Genus *Calcarius* Bechstein, 1803 긴발톱멧새속
Calcarius lapponicus (Linnaeus, 1758) 긴발톱멧새
- Genus *Emberiza* Linnaeus, 1758 멧새속
Emberiza aureola Pallas, 1773 검은머리축새
Emberiza bruniceps Brandt, 1841 붉은머리축새
Emberiza cioides Brandt, 1843 멧새
Emberiza elegans Temminck, 1836 노랑턱멧새
Emberiza fucata Pallas, 1776 붉은뺨멧새
Emberiza pallasi (Cabanis, 1851) 북방검은머리축새
Emberiza pusilla Pallas, 1776 쇠붉은뺨멧새
Emberiza rustica Pallas, 1776 축새
Emberiza schoeniclus (Linnaeus, 1758) 검은머리축새
Emberiza spodocephala Pallas, 1776 축새
Emberiza sulphurata Temminck & Schlegel, 1848 무당새
Emberiza tristrami Swinhoe, 1870 흰배멧새
 FAMILY FRINGILLIDAE 되새과
- Genus *Carduelis* Brisson, 1760 방울새속
Carduelis flammea (Linnaeus, 1758) 홍방울새
Carduelis sinica (Linnaeus, 1766) 방울새
Carduelis spinus (Linnaeus, 1758) 검은머리방울새
- Genus *Carpodacus* Kaup, 1829 양진이속
Carpodacus roseus (Pallas, 1776) 양진이
- Genus *Coccothraustes* Brisson, 1760 콩새속
Coccothraustes coccothraustes (Linnaeus, 1758) 콩새
- Genus *Eophona* Gould, 1851 밀화부리속
Eophona migratoria Hartert, 1903 밀화부리
Eophona personata (Temminck & Schlegel, 1848) 큰부리밀화부리
- Genus *Fringilla* Linnaeus, 1758 되새속
Fringilla montifringilla Linnaeus, 1758 되새
- Genus *Loxia* Linnaeus, 1758 솔жат새속
Loxia curvirostra Linnaeus, 1758 솔жат새
- Genus *Pinicola* Vieillot, 1807 솔양진이속
Pinicola enucleator (Linnaeus, 1758) 솔양진이
- Genus *Pyrrhula* Brisson, 1760 멧쟁이새속
Pyrrhula pyrrhula (Linnaeus, 1758) 멧쟁이새
- Genus *Uragus* Keyserling & Blasius, 1840 홍양진이속
Uragus sibiricus (Pallas, 1773) 긴꼬리홍양진이
 FAMILY HIRUNDINIDAE 제비과
- Genus *Cecropis* (Lexmann, 1769) 귀제비속
Cecropis daurica (Laxmann, 1769) 귀제비
- Genus *Delichon* Horsfield & Moore, 1854 털발제비속
Delichon dasypus (Bonaparte, 1850) 흰털발제비
- Genus *Hirundo* Linnaeus, 1758 제비속
Hirundo rustica Linnaeus, 1758 제비
 FAMILY LANIIDAE 때까치과
- Genus *Lanius* Linnaeus, 1758 때까치속
Lanius bucephalus Temminck & Schlegel, 1845 때까치
Lanius cristatus Linnaeus, 1758 노랑때까치
Lanius tigrinus Drapiez, 1828 칠패때까치
 FAMILY MOTACILLIDAE 할미새과
- Genus *Anthus* Bechstein, 1805 발종다리속
Anthus cervinus (Pallas, 1811) 붉은가슴발종다리
Anthus godlewskii (Taczanowski, 1876)

- 쇠발종다리
Anthus hodgsoni Richmond, 1907 hing동새
Anthus richardi Vieillot, 1818 큰발종다리
Anthus rubescens (Tunstall, 1771) 발종다리
 Genus *Motacilla* Linnaeus, 1758 할미새속
Motacilla alba alba Linnaeus, 1758 알락할미새
Motacilla alba lugens Gloger, 1829 백할미새
Motacilla alba ocularis Swinhoe, 1860 검은턱할미새
Motacilla cinerea Tunstall, 1771 노랑할미새
Motacilla citreola Pallas, 1776 노랑머리할미새
Motacilla flava Linnaeus, 1758 긴발톱할미새
Motacilla grandis Sharpe, 1885 검은등할미새
 FAMILY MUSCICAPIDAE 솔딱새과
 Genus *Cyanoptila* Blyth, 1847 큰유리새속
Cyanoptila cyanomelana (Temminck, 1829) 큰유리새
 Genus *Ficedula* Brisson, 1760 황금새속
Ficedula albicilla (Pallas, 1811) 흰꼬리딱새
Ficedula narcissina (Temminck, 1836) 황금새
Ficedula zanthopygia (Hay, 1845) 흰눈썹황금새
 Genus *Luscinia* T. Forster, 1817 진홍가슴속
Luscinia akahige (Temminck, 1835) 붉은가슴올새
Luscinia calliope (Pallas, 1776) 진홍가슴새
Luscinia cyane (Pallas, 1776) 쇠유리새
Luscinia cyanura (Pallas, 1773) 유리딱새
Luscinia sibilans (Swinhoe, 1863) 올새
 Genus *Monticola* Boie, 1822 바다직박구리속
Monticola gularis (Swinhoe, 1863) 꼬까직박구리
Monticola solitarius (Linnaeus, 1758) 바다직박구리
 Genus *Muscicapa* Brisson, 1760 솔딱새속
Muscicapa dauurica Pallas, 1811 쇠솔딱새
Muscicapa griseisticta (Swinhoe, 1861) 제비딱새
Muscicapa sibirica Gmelin, 1789 솔딱새
 Genus *Phoenicurus* T. Forster, 1817 딱새속
Phoenicurus aureus (Pallas, 1776) 딱새
 Genus *Saxicola* Bechstein, 1803 검은딱새속
Saxicola torquatus (Linnaeus, 1766) 검은딱새
 FAMILY ORIOLIDAE 피꼬리과
 Genus *Oriolus* Linnaeus, 1766 피꼬리속
Oriolus chinensis Linnaeus, 1766 피꼬리
 FAMILY PARIDAE 박새과
 Genus *Parus* Linnaeus, 1758 박새속
Parus major Linnaeus, 1758 박새
 FAMILY PASSERIDAE 참새과
 Genus *Passer* Brisson, 1760 참새속
Passer montanus (Linnaeus, 1758) 참새
Passer rutilans (Temminck, 1836) 섬참새
 FAMILY PRUNELLIAE 바위종다리와
 Genus *Prunella* Vieillot, 1816 바위종다리속
Prunella montanella (Pallas, 1776) 멧종다리
 FAMILY PYCNONOTIDAE 직박구리과
 Genus *Microscelis* G.R. Gray, 1840 직박구리속
Microscelis amaurotis (Temminck, 1830) 직박구리
 FAMILY REGULIDAE 상모솔새과
 Genus *Regulus* Cuvier, 1800 상모솔새속
Regulus regulus (Linnaeus, 1758) 상모솔새
 FAMILY SITTIDAE 동고비과
 Genus *Sitta* Linnaeus, 1758 동고비속
Sitta europaea (Linnaeus, 1758) 동고비
 FAMILY STURNIDAE 찌르레기과
 Genus *Sturnus* Linnaeus, 1758 찌르레기속
Sturnus cineraceus Temminck, 1835 찌르레기
Sturnus philippensis (Forster, 1781) 쇠찌르레기
Sturnus sericeus Gmelin, 1789 붉은부리찌르레기
Sturnus sturninus (Pallas, 1776) 북방쇠찌르레기
 FAMILY SYLVIIDAE 휘파람새과
 Genus *Acrocephalus* J.A. & F. Naumann, 1811 개개비속
Acrocephalus bistrigiceps Swinhoe, 1860 쇠개개비
Acrocephalus orientalis (Temminck & Schlegel, 1847) 개개비
 Genus *Cettia* Delacour, 1942 휘파람새속
Cettia diphone diphone (Kittlitz, 1830) 휘파람새
Cettia diphone cantans (Temminck & Schlegel, 1847) 제주휘파람새
 Genus *Locustella* Kaup, 1829 붉은허리개개비속
Locustella certhiola (Pallas, 1811) 북방개개비
Locustella lanceolata (Temminck, 1840) 쥐발귀개개비
Locustella pleskei Taczanowski, 1890 섬개개비
 Genus *Phylloscopus* Boie, 1826 솔새속
Phylloscopus borealis (Blasius, 1858) 쇠솔새
Phylloscopus coronatus (Temminck & Schlegel, 1847) 산솔새
Phylloscopus fuscatus (Blyth, 1842) 솔새사촌
Phylloscopus inornatus (Blyth, 1842) 노랑눈썹솔새
Phylloscopus proregulus (Pallas, 1811) 노랑허리솔새
Phylloscopus schwarzi (Radde, 1863) 긴다리솔새사촌
Phylloscopus tenellipes Swinhoe, 1860 뒤솔새
 Genus *Urosphena* R. Swinhoe, 1877 숲새속
Urosphena squameiceps (Swinhoe, 1863) 숲새
 FAMILY TROGLODYTIDAE 굴뚝새과
 Genus *Troglodytes* Vieillot, 1807 굴뚝새속
Troglodytes troglodytes (Linnaeus, 1758) 굴뚝새
 FAMILY TURDIDAE 지빠귀과
 Genus *Turdus* Linnaeus, 1758 지빠귀속
Turdus atrogularis Jarocki, 1819 검은목지빠귀
Turdus cardis Temminck, 1831 검은지빠귀
Turdus chrysolaus Temminck, 1831 붉은배지빠귀
Turdus eunomus Temminck, 1831 개똥지빠귀
Turdus hortulorum Sclater, 1863 되지빠귀

Turdus naumanni Temminck, 1820 노랑지빠귀
Turdus obscurus Gmelin, 1789
 흰눈썹붉은배지빠귀
Turdus pallidus Gmelin, 1789 흰배지빠귀
 Genus *Zoothera* Vigora, 1832 호랑지빠귀속
Zoothera aurea (Holandre, 1825) 호랑지빠귀
Zoothera sibiricus (Pallas, 1776) 흰눈썹지빠귀
 FAMILY ZOSTEROPIDAE 동박새과
 Genus *Zosterops* Vigors & Horsfield, 1827 동박새속
Zosterops erythropleurus Swinhoe, 1863
 한국동박새
Zosterops japonicus Temminck & Schlegel, 1845
 동박새
 ORDER PELECANIFORMES 사다새목
 FAMILY PHALACROCORACIDAE
 가마우지과
 Genus *Phalacrocorax* Brisson, 1760 가마우지속
Phalacrocorax capillatus (Temminck & Schlegel, 1850) 가마우지
Phalacrocorax carbo (Linnaeus, 1758)
 민물가마우지
Phalacrocorax pelagicus Pallas, 1811 쇠가마우지
 ORDER PODICIPEDIFORMES 논병아리목
 FAMILY PODICIPEDIDAE 논병아리과
 Genus *Tachybaptus* Reichenbach, 1853 논병아리속
Tachybaptus ruficollis (Pallas, 1764) 논병아리
 ORDER PROCELLARIIFORMES 습새목
 FAMILY HYDROBATIDAE 바다제비과
 Genus *Oceanodroma* Reichenbach, 1853 바다제비속
Oceanodroma monorhis (Swinhoe, 1867)
 바다제비
 Genus *Calonectris* Mathews & Iredale, 1915 습새속
Calonectris leucomelas (Temminck, 1835) 습새
 Genus *Puffinus* Brisson, 1760 쇠부리습새속
Puffinus tenuirostris (Temminck, 1835)
 쇠부리습새
 ORDER STRIGIFORMES 올빼미목
 FAMILY STRIGIDAE 올빼미과
 Genus *Asio* Brisson, 1760 칩부엉이속
Asio otus (Linnaeus, 1758) 칩부엉이
 Genus *Ninox* Hodgson, 1837 솔부엉이속
Ninox scutulata (Raffles, 1822) 솔부엉이
 Genus *Otus* Pennant, 1769 소쩍새속
Otus sunia (Hodgson, 1836) 소쩍새
 Genus *Strix* Linnaeus, 1758 올빼미속
Strix aluco Linnaeus, 1758 올빼미
 CLASS MAMMALIA 포유동물강
 ORDER CARNIVORA 식육목
 FAMILY OTARIIDAE 바다사자과
 Genus *Callorhinus* Linnaeus, 1758 물개속
Callorhinus ursinus Linnaeus, 1758 물개
 Genus *Zalophus* Gill, 1866 바다사자속
Zalophus japonicus Peters, 1866 바다사자
 FAMILY PHOCIDAE 물범과

Genus *Phoca* Linnaeus, 1758 물범속
Phoca largha Pallas, 1811 물범
 ORDER CETACEA 고래목
 FAMILY DELPHINIDAE 돌고래과
 Genus *Lagenorhynchus* Gray, 1846 낫돌고래속
Lagenorhynchus obliquidens Gill, 1865 낫돌고래
 ORDER RODENTIA 설치목
 FAMILY MURIDAE 쥐과
 Genus *Rattus* Fischer de Waldheim, 1803 집쥐속
Rattus norvegicus (Berkenhout, 1769) 집쥐

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Supplementary Information 1. List of entries into Dokdo Island over five years (2015–2019).

| Taxon \ Survey | First year (2015) | Second year (2016) | Third year (2017) | Fourth year (2018) | Fifth year (2019) | Total |
|----------------------|---|--|--|---|---|----------|
| Microbes | 2015.04 2015.06.12 | 2016.08.23 | 2017.07.19 | – | – | 4 |
| Seaweeds | 2015.04.20–24 2015.05.26–30 2015.06.11 | 2016.05.27–30 2016.06.21–27 2016.08.23–25 | – | 2018.05.12–13 2018.06.12–13 2018.07.11–13 | 2019.02.21–22 2019.07.17–18 2019.10.21–22 | 12 |
| Plants | 2015.05.16–17 2015.06.19–20 2015.07.31–8.1 2015.10.14–15 | 2016.05.28 2016.06.21 2016.09.5 | – | – | – | 7 |
| Protozoans | – | – | – | 2018.07.11–13 | 2019.02.21–24 2019.05.09 2019.06.26–28 2019.07.16–19 | 5 |
| Insects | 2015.05.27 2015.09.02 | 2016.07.20 2016.08.17 2016.09.30 | – | – | – | 5 |
| Marine invertebrates | 2015.04.20–24 2015.05.26–30 2015.06.11 | 2016.05.23–30 2016.06.20–24 2016.07.13–22 2016.08.21–25 | 2017.07.19–21 2017.08.28 2017.09.21–22 | 2018.05.12–13 2018.06.12–13 2018.07.11–13 | 2019.02.21–22 2019.07.17–18 2019.10.21–22 | 16 |
| Fishes | 2015.06.9–11 | 2016.05.23–30 2016.06.1–2 2016.09.1–2 | – | – | – | 4 |
| Birds | 2015.05.27 2015.09.02 | 2016.07.20 2016.08.17 2016.09.30 | – | – | – | 5 |
| Mammals | 2015.05.27 2015.09.02 | 2016.07.20 2016.08.17 2016.09.30 | – | – | – | 5 |
| Number of entries | 11 | 16 | 4 | 3 | 7 | 63 41 |

Supplementary Information 2.
Methods of collection for each taxon.

Microbes

Samples of microorganisms were obtained by collecting soil, sediment samples, and seawater. Soil samples were collected using a sterilized spoon, and marine sediments were collected through SCUBA diving and a Smith-McIntyre Grab. Soil samples and marine sediments were diluted 1/10 in distilled water and sterilized seawater, then plated on R2A and MR2A solid media, respectively, to isolate the bacteria. Seawater was collected using a Niskin sampler, and the collected seawater was sequentially filtered using 3 µm filter paper and a 0.2 µm filter paper to concentrate the microorganisms. The filter paper was stored in liquid nitrogen, transferred to the

laboratory, and stored at –70°C until analysis.

Microalgae

The microalgae species were compiled through reference searches.

Seaweeds

The seaweeds were collected through quantitative or qualitative surveys by diving once or twice at each survey point. For a qualitative survey of seaweeds, they were collected completely from the base to the attachment using a collection tool, such as a chisel. The collected species were either fixed with 10% formalin-seawater solution or prepared as dry specimens, depending on the individual.

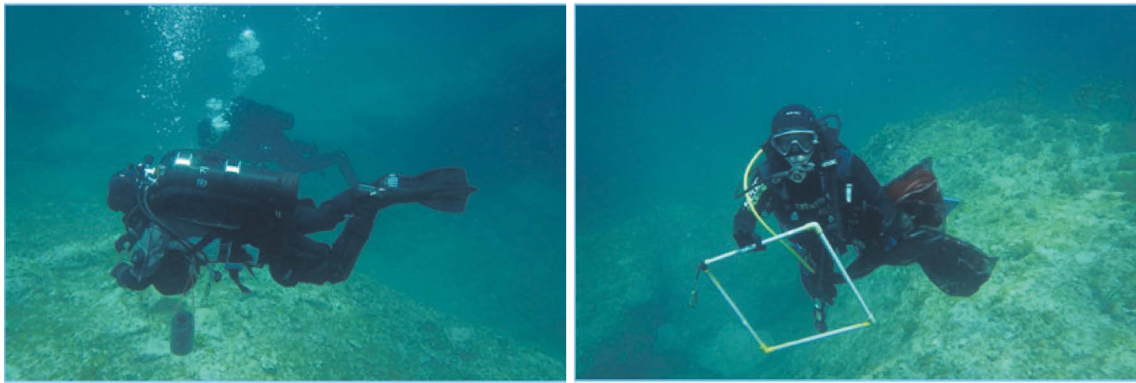


Fig. 1. Quantitative (left) or qualitative (right) collecting methods of the seaweeds.



Fig. 2. Collecting methods for land plants.



Fig. 3. Collecting methods for insects: sweeping with an insect net (left) and pit-fall trap (right).

Plants

In the survey of land plants, the specimens were collected after data recording (e.g., species information, GPS, habitat environment) and photographing the species observed along the survey routes of Dongdo and Seodo. For areas that were difficult to access, such as cliffs and steep

slopes, the species were identified using telescopes and cameras. Three specimens per species were collected, and in the case of species that are rare or have few individuals, high-quality photographs were taken without obtaining the specimens.



Fig. 4. Collecting methods for the birds: road census (left) and point census (right).



Fig. 5. Collecting methods for mammals: field sign (left) and Sherman trap (right).

Protozoans

Protozoans were obtained by collecting seawater, fresh-water, soil, and moss from around Dokdo Island. The collected organisms were transferred to the laboratory, and raw culture was carried out at room temperature (25°C), and the adherent ciliates were isolated using the coverslip method. The other ciliates were separated and observed using a micropipette under a microscope.

Insects

Insects were collected by sweeping and brandishing using insect nets, Malaise traps, pit-fall traps, and visual searches.

Marine invertebrates

Marine invertebrates were collected using subtidal underwater diving surveys, intertidal excavations, and zooplanktonic nets. The subtidal diving surveys were conducted up

to a depth of 30 m using one to two SCUBA dive sessions for each point. The habitat environment, depth, and body color at the time of collection were recorded, and ecological photographs were taken. The adherent organisms inhabiting the intertidal zone were collected using bare hands, chisels, and tweezers. Sedimental or pore-aqueous organisms living at the sandy bottom of Dokdo Island were collected from sand-filtered filtrates, and floating organisms were collected using zooplankton nets with a diameter of 60 cm. In addition, marine invertebrates were collected from fishing boats operating outside Dokdo Island (traps and nets at a depth of 200–300 m), and mesophilic medium-sized animals were collected using light traps at night.

Fishes

Fishes were collected by fishing surveyors, diving, and fishing surveys. Fishing surveyors used nets (triple or sin-

gle net) and a circular trap. A total of 100 (50 at one point) were dropped. Diving was jointly conducted by two to four individuals using a small landing net, and the collected specimens were made into specimens after measuring and photographing onboard. Fishing, including a fishing rod and a continuous fishing rod, was conducted using krill bait at coastal dock of Dongdo.

Birds

The survey of birds inhabiting Dokdo Island was conducted in parallel with road and point censuses. The road

survey is a method of moving along the entire island road network based on the results of existing research, and the point census is a method of identifying species and populations while staying at a point where birds can easily be observed, such as a heliport or near the summit.

Mammals

The investigation of mammals was conducted in parallel with field signs and Sherman traps based on existing research results.