



**UNDP/GEF PROJECT ENTITLED “REDUCING ENVIRONMENTAL STRESS IN THE
YELLOW SEA LARGE MARINE ECOSYSTEM”**

UNDP/GEF/YS/RWG-B.3/5

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English only

**Third Meeting of the Regional Working Group
for the Biodiversity Component**
Weihai, China, 20 - 23 October 2006

National Data and Information Collection Activity - Final Reports

The activities to collect national biodiversity data and information from China and Republic of Korea were scheduled for implementation from August 2005 to March 2006. Progress reports and data collected-to-date were presented at the 2nd RWG-B Meeting (9-12 November 2005, Jeju, Republic of Korea). Since then, one draft final report and data have been submitted, and these data are being used for the regional synthesis and Transboundary Diagnostic Analysis (TDA). Another report was received in a very late stage that largely affected the preparation of the TDA, and overall implementation of the project.

The contractors for the national data collection activity were the First Institute of Oceanography (China) and National Fisheries Research and Development Institute (Korea). One representative from each contracted institute will present the final results to the 3rd RWG-B Meeting. The reports attached hereafter, and the presentations given during Agenda 5.1.1 should highlight biodiversity status and trends of particular note, and include some summary analyses on the collected data and information. Some data from YSEPP will also be mentioned.

After reviewing the reports and presentations, participants will discuss the information presented, and suggest how certain notable data and information could be included in the regional synthesis and TDA, even if it is difficult due to the delay in submitting the reports.

It should be noted that due to various constraints existing in the participating countries regarding data exchange and sharing, the existing data has not been fully collected. This has largely affected better understanding of status and trends of marine biodiversity in the Yellow Sea.

The members of the RWG-B will be invited to consider the existing constraints in the data and information collection, and make a proposal on how the scientific understanding on the marine biodiversity could be better enhanced.

Biodiversity Data and Information Collection of YSLME

Final Report

Submitted to YSLME PMO and RWGB

Prepared by Shang Chen, Qixiang Wang,

Yalin Peng, Jian Liu,

Zongling Wang and Ruixiang Li

First Institute of Oceanography, SOA

First draft, April 10, 2006

Second draft, August 30, 2006

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I. Background of assignment

In the approved Implementation Plan of the UNDP/GEF Yellow Sea Project, "Reducing Environmental Stress in the Yellow Sea Large Marine Ecosystem," one of the main activities of the Biodiversity Component is to collect biodiversity-related data and information to input into the Biodiversity Chapter of the Transboundary Diagnostic Analysis (TDA). The objective of this task is to gather necessary data and information in the specified region to support or refute the Yellow Sea's biodiversity problems identified by the Regional Working Group-Biodiversity (RWG-B) members. The TDA will be a scientifically-sound document containing objective data and information to determine the problems, their trends, and information gaps to recognise the problems. The problems and format and types of data and information to be collected were agreed by the members of the RWG-B at its first meeting (Qingdao, China, 19-22 April 2005). It was also agreed that both natural and socio-economic data and information should be collected as possible.

Geographic Scope: The Yellow Sea large Marine Ecosystem is defined in this Project Document as the body of water delineated at the south, by a line connecting the north bank of the mouth of the Chang Jiang (Yangtze River) to the south side of Cheju ; at the east, by a line connecting Cheju Island to Jindo Island along the coast of the ROK; and to the north, a line connecting Dalian to Penglai (on the Shandong Peninsula). This latter line separates the Bohai Sea from the Yellow Sea and as a result is not included in this study.

II. Methods used to carry out assignment

FIO formed one working group to carry out the task. The group consists of 4 scientists and 4 graduate students majoring marine ecology, environmental economy and marine management. The group members are listed in Table 1.

Table 1 Name Listing of Project Members

Name	Nationalities	Title	Specialty	Affiliation
CHEN Shang	P R China	Research Professor	Marine Ecology	FIO,SOA
WANG Zongling	P R China	Research Professor	Marine Ecology	FIO,SOA
LI Ruixiang	P R China	Research Professor	Marine Biology	FIO,SOA
SUN Shuxian	P R China	Research Professor	Marine Management	FIO,SOA
WANG Qixiang	P R China	Research Assistant	Marine Ecology	Ocean Univ of China(OUC)

PENG Yalin	P R China	Research Assistant	Marine Ecology	OUC/FIO
ZHENG Wei	P R China	Research Assistant	Environmental Economics	OUC/FIO
LIU Jian	P R China	Graduate student	Marine Ecology	FIO,SOA

The group held its first meeting in Qingdao, China, on 29 August 2005, to train project members how to collect biodiversity data and information. All project members participated this meeting except for Prof Sun. Prof. Chen introduced briefly YSLME project background and overall requirement of the contract with focus on the objectives, necessary data and information, outcome and timetable. The participants discussed the detailed format of data collection tables according to the contract between PMO and FIO, and the possible locations of related data and information, who/which institution should have them. Finally, all participants reached an agreement: searching the data and information as much as possible based on the Table 2 listed in the contract although there are still some difficulties on the way.

Participants agreed the data collection process includes internet searches, telephone interviews, library research and visits. Internet searches and oral information may give us the some important clues to guide the further activities of data and information collection. But the quality of data and information on internet and oral expression must be strictly checked.

At last, Prof. Chen assigned the tasks to the person.

Table 2 List of Data and Information to be Collected*

Problem	Indicators/Information to detect problem:	Type:	Unit:	Temporal Requirements:	Spatial Requirements:	Priority:	Transboundary:
Habitat Loss	Change in extent (Area and Length) of selected marine and coastal habitats	Reclamation Data	Area, %	For last 20 years	Some coastal areas of YS	H	Y
		Artificial vs. Natural Coastline	Length, %	For last 20 years	Some coastal areas of YS		
		Habitat Type	Area, %	For last 20 years	Some coastal areas of YS		
	Percentage change in marine and coastal habitats under protection	International Registered, National, Provincial, County, by protection type.	Number, Total Area and map and GIS info where possible	National, Provincial, County, 10 years	Some coastal areas of YS	H	Y
	Percentage change in marine and coastal habitats utilized for sustainable use	Zoning Plans, National, Provincial, County.	Number, Total Area	National, Provincial, County, 10 years	Some coastal areas of YS	H	
Habitat Conversion	Change in extent (Area) of selected marine and coastal habitats. e.g. mariculture, salt pans	Habitat Type before and after, by utilization (salt pan, mariculture etc) and by non-utilization	Number, Area	For last 20 years	Some coastal areas of YS	H	Y

Introduced Species	List of all species introduced for culture	Species, origin and date of introduction	Number of species	For about 30 Years	Yellow Sea	H	Y
	Species introduced to the wild through culture	Species, location, date of introduction	Number of species, date.	For about 20 Years	Yellow Sea	H	Y
	Abundance of introduced species	Species, abundance and distribution	No. Species, abundance and distribution	Some information for some species	Yellow Sea	H	Y
Loss of Species	Endemic Species	Species		species list	Yellow Sea	H	Y
	Vulnerable Species	IUCN Threat Categories, National Vulnerable Species Listings	Number, species in each threat category	For last 20 Years	Yellow Sea	H	Y
Degradation of Biodiversity	Changes in genetic diversity of important bio-resources	Gene Analysis	Gene-based index per selected species	Some information for some species	Yellow Sea	H	Y

*Slightly modified from Appendix 1 in the project contract

The project members traveled to three coastal provinces (Liaoning, Shandong and Jiangsu), Beijing and Tianjin and to visit following institutions to search the required data. The visited institutions are 15 under State Oceanic Administration (SOA) system, 12 under Ministry of Agriculture (MOA) system, 9 under State Environmental Protection Administration (SEPA) system, 1 under State Forestry Administration System, 1 under Chinese Academy of Sciences (CAS) system and 1 under Ministry of Education (MOE) system.

Some data are provided by Mr. Tobai, the Yellow Sea Ecoregion Planning Project (YSEPP).

On the October 10-11 2005, the second meeting was held to analyze and review all the data and information we collected. Seven project members attended the meeting. Dr. Chen introduced the objectives of the meeting which were: 1) to review the collection activities of data and information; 2) to identify the tasks should be finished before the 2nd Regional Working Group workshop during Nov 9 to 12.

The participants reviewed the collection of data and information: focus on habitat, Endemic Species, vulnerable species, introduced species, genetic diversity, and the biodiversity-related laws and regulations. We conducted the data gap analysis and decided the further data and information collection activities esp. information on wild population of exotic species, endemic species.

After the meeting, China working group sent suggestions to 2nd RWGB meeting and PMO to conduct the mammal and seabirds observation during the joint cruises of YSLME and to conduct the coastal survey focusing on habitat loss and conversion, exotic species, endemic species and some of vulnerable species.

After the 2nd RWGB meeting, we get the revised data and information collection table format in November 2005. Although the revised format is not compulsive for our contract but we still tried our best to follow the new format.

The cause chain analysis (CCA) and governance analysis of biodiversity problems were conducted following the PMO's example, and GIWA's CCA guidelines was partially followed too.

We have already finished all project activities required by the contract, including:

- Activity 1 Meeting of working group for biodiversity
- Activity 2 Collection of data and information
- Activity 3 Data analysis and reviewing meeting
- Activity 4 Identify gaps in data and information
- Activity 5 Cause Chain Analysis (CCA)
- Activity 6 Governance Analysis (GA)
- Activity 7 Analyze laws and regulation on biodiversity
- Activity 8 Prepare reports to be submitted to the regional working groups for biodiversity

III. Biodiversity problems and priorities

The main biodiversity problems in the Yellow Sea ecosystem are from three aspects: the population decline of marine species, the degradation of their habitat and biodiversity-related management problems.

The specific habitat problems include: (1) Loss of natural habitat especially due to reclamation for urban and factories construction and treatment of solid waste in sea; (2) Conversion of natural habitat to mariculture and salt production.

The species problem includes: (1) Vulnerability of ecologically and economically important species due to over-fishing, over-harvest etc.; (2) Decline of endemic species esp. due to degradation of their limited habitat; (3) Impacts of exotic species on native species e.g. in food and space competition; (4) Degradation of genetic biodiversity of some concerned species.

The biodiversity-related management problems include poor laws and regulations, weak reinforcement of laws and regulation, unbalance between economic development and environmental protection.

Among the current biodiversity problems, the extensive conversion and degradation of habitat and weak reinforcement of laws and regulation rank top priority, which need emergent concern.

IV. Preliminary causal chain analysis (CCA)

The results of CCA for each biodiversity problem are summarized here. Please read the file "Detailed CCA-GA.xls" for detailed information.

1. Habitat loss

Because of the fast development of coastal urban construction and industries, the coastal habitat loss in Yellow Sea region has become very serious, especially at the coastal waters near big cities, such as Dalian, Yantai, Weihai, Qingdao and Lianyungang cities. SOA is initiating one national plan to assess the environmental and economic impacts of coastal reclamation. The impacts of natural habitat loss are serious which result in complete disappearance or move out of native population. To discover the root causes of habitat loss, we conducted the detailed CCA (Figure 1).

The major immediate causes for habitat loss are: (a) Fill up the shallow water and build concrete retaining wall and square and; (b) Benthic habitat is covered by solid waste.

The underlying causes associated with these immediate causes include: (a) Urban construction, such as building the new downtown in Qingdao; (b) Increasing solid waste from urban construct and dredged materials due to harbor development; (c) Increasing demands for ports and docks.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Inadequate valuation of benthic ecosystem goods and service; (b) Cheap treat

cost of solid waste in sea; (c) Fast economic growth.

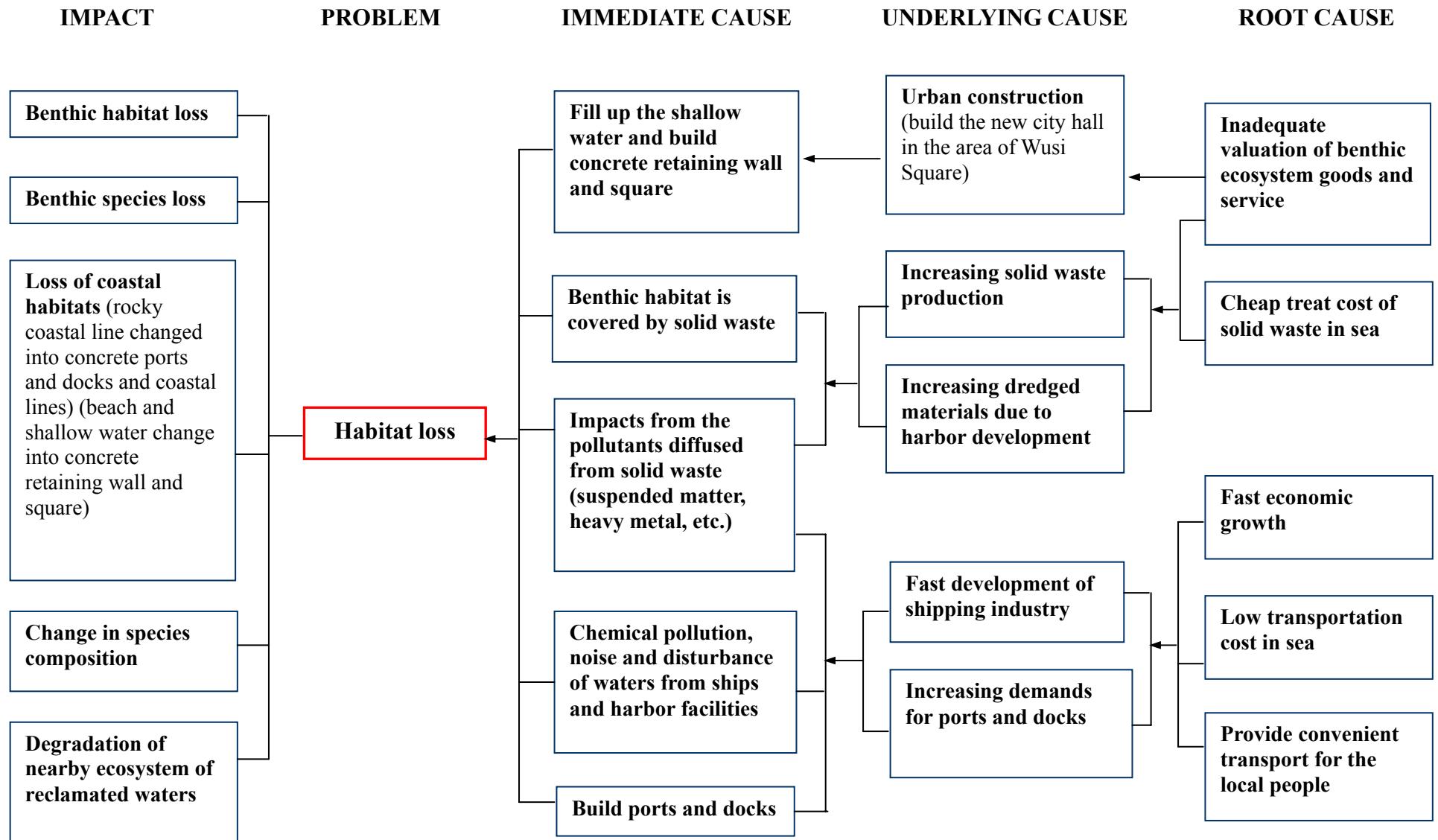


Figure 1 Causal chain analysis for habitat loss in Yellow Sea

2. Habitat conversion

The natural habitat conversion is different with habitat loss. Habitat loss means the original physical structure of habitat has been completely destroyed and original living organisms can not live. Such as dumping of solid waste, dam construction, landfilling usually cause habitat loss. While habitat conversion means the partially change of physical structure of habitat and original living organisms can still live there. Salt pan, fish cage, abalone cage, suspended shelf for shellfish and kelp, field aquaculture ponds for shrimp, crab, sea cucumber, etc. may be regarded as habitat conversion.

The habitat conversion in Yellow Sea region is at large scale in many coastal areas moreover is serious than habitat loss, especially in tidal flat. The impacts of natural habitat conversion are diverse. To discover the root causes of habitat conversion, we conducted the detailed CCA (Figure 2).

The major immediate cause for habitat conversion is: (a) Reclamation for aquaculture ponds of shrimp and crab etc.; (b) Reclamation for salt production.

The underlying cause associated with these immediate causes include: (a) Increasing demand for seafood (e.g. shrimp); (b) Increasing demand for chemical product; (c) local residents' demand for job opportunities.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Lifestyle change and food favorite to sea food; (b) Rapidly growing population.

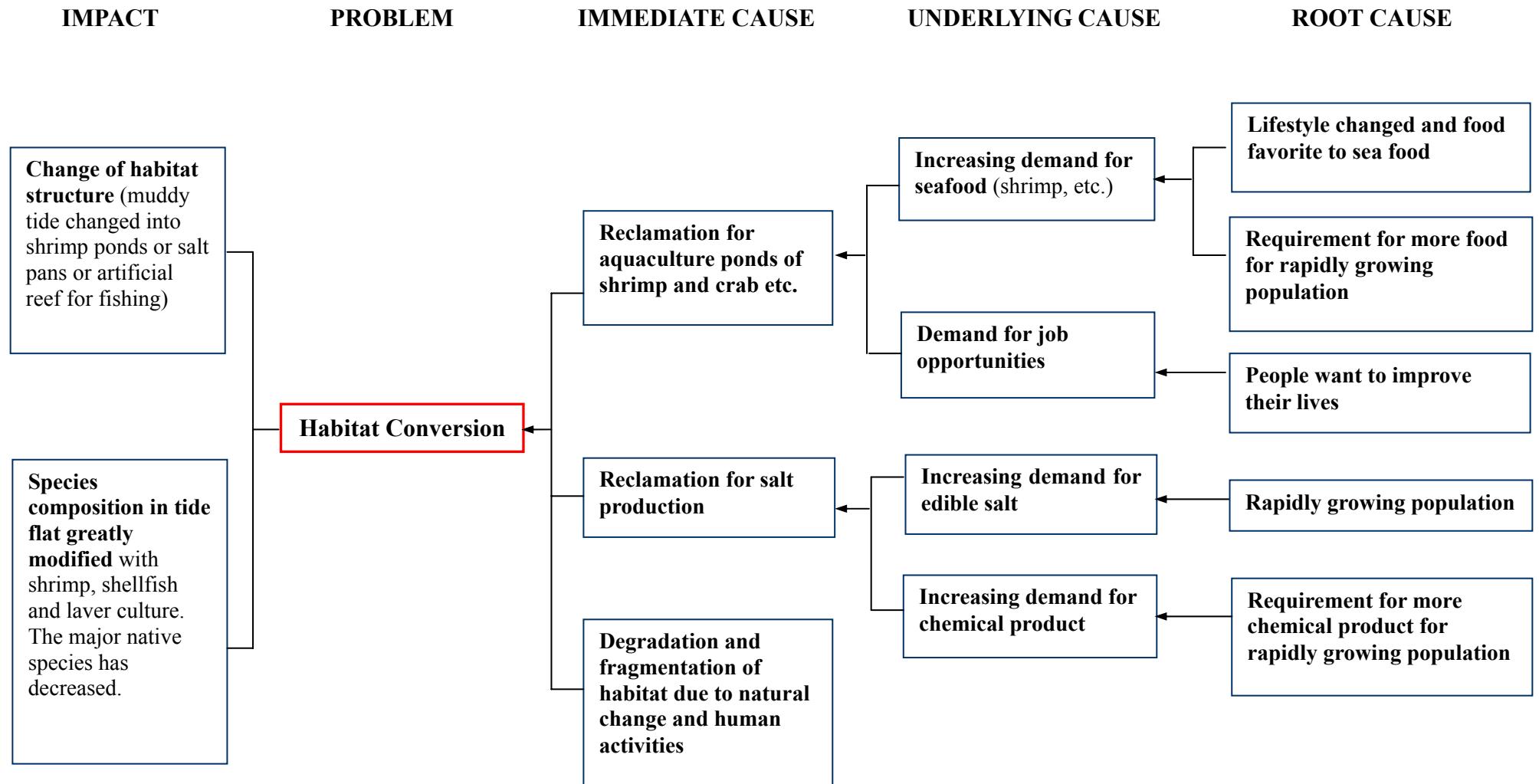


Figure 2 Causal chain analysis for Habitat Conversion

3. Loss of vulnerable species

Based on our knowledge and some experts' suggestion and YSEPP reports on biological assessment of Ecologically Important Areas of Yellow Sea Ecoregion, we identified 35 vulnerable species to be assessed. According to hierarchy of concerned vulnerable species, we categorize them in to 7 groups to conduct CCA analysis, i.e. 1) Polychaete, 2) Mollusk, 3) Shrimp and Brachiopoda, 4) Fish, 5) Sea turtle, 6) Chinese finless porpoise and 7) Birds.

3.1 Polychaete

Several high economical valuable species of Polychaete have become vulnerable due to degradation and loss of benthic habitat, which is also the major immediate cause for vulnerability of them. To discover the root causes of vulnerability, we conducted the detailed CCA (Figure 3).

The underlying cause associated with this immediate cause included: (a) Waste discharge from industries; (b) Waste discharge from urban household; (c) Waste discharge from mariculture.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Fast development of economic; (b) Rapidly growing population.

3.2 Mollusk

Mollusk has become vulnerable due to the very low natural population level. The native population decline in many areas. To discover the root causes of vulnerability, we conducted the detailed CCA (Figure 4).

The major immediate cause for Mollusk is: (a) Over-harvest; (b) Degradation of habitat; (c) natural habitat loss due to invasion of exotic species, e.g. Spartina occupied tide flat of clam in Jiangsu Province.

The underlying cause associated with these immediate causes included: (a) Increasing demand for food; (b) Benthic habitat is covered by solid waste; (c) Build ports and docks; (d) Destroyed by bottom trawl.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Lifestyle change and food favorite to sea food; (b) Cheap treat cost of solid waste in sea.

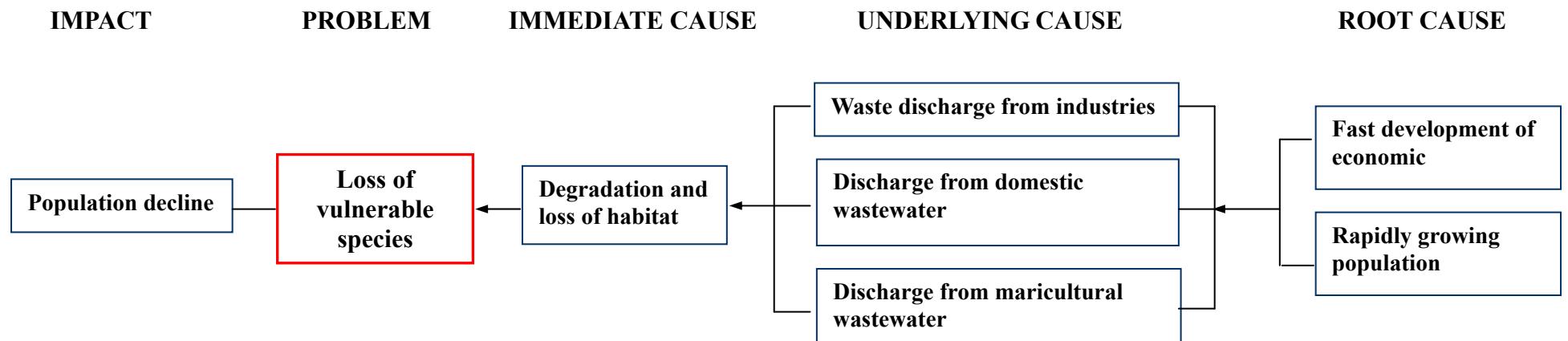


Figure 3 Causal chain analysis for Polychaete

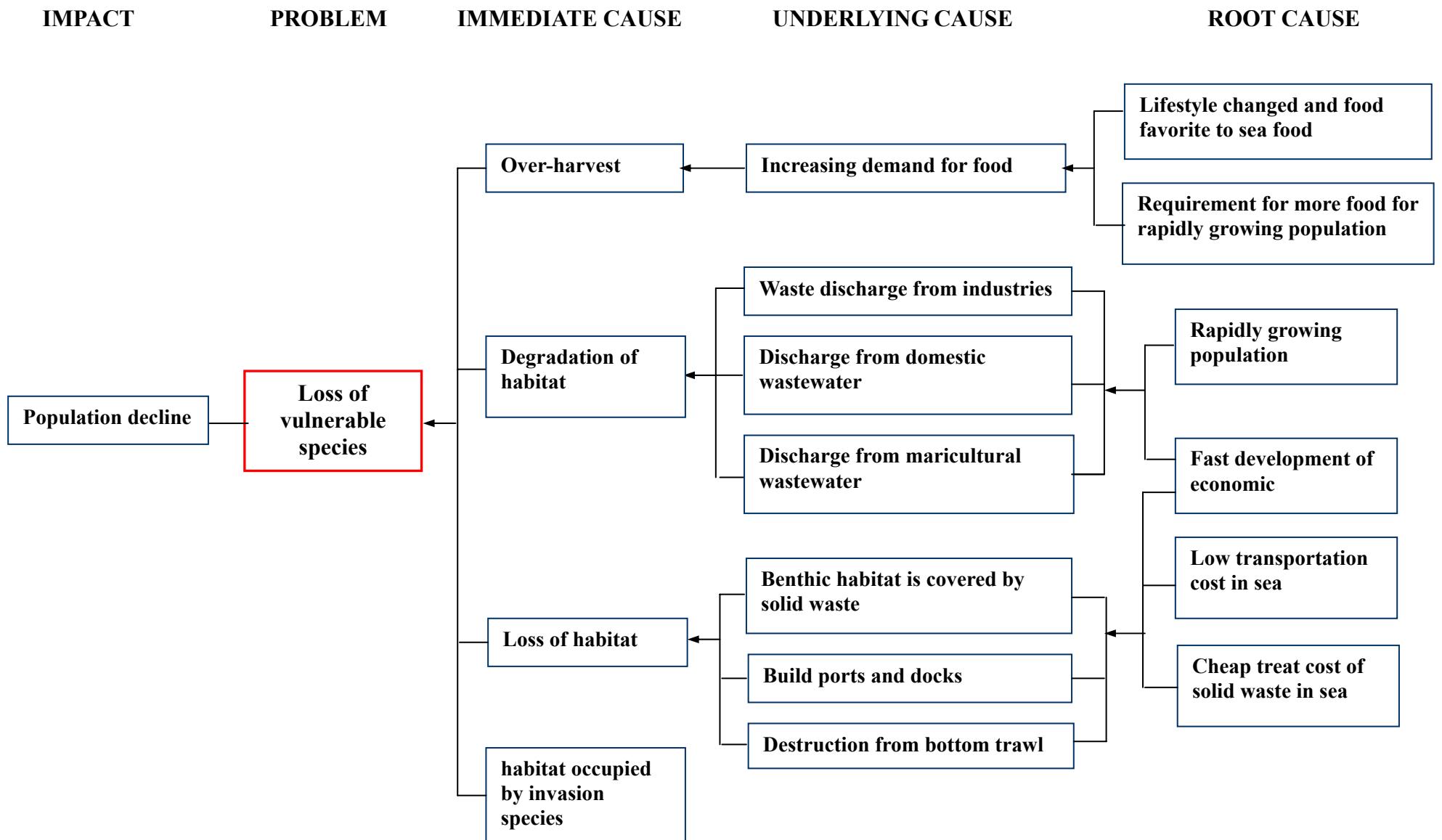


Figure 4 Causal chain analysis for Mollusk

3.3 Shrimp and Brachiopoda

Shrimp and Brachiopoda have become vulnerable due to long-term over-fishing. To discover the root causes of vulnerability, we conducted the detailed CCA (Figure 5).

The major immediate cause for Shrimp and Brachiopoda in Yellow Sea region are: 1) over-fishing of wide population; 2) the nature habitat has been polluted by waste water.

The underlying cause associated with these immediate causes included: (a) Waste discharge from industries, urban household and mariculture; (b) Requirement for more sea food for rapidly growing population.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Fast development of economic; (b) Lifestyle change and food favorite to sea food.

3.4 Fish

Fish has become vulnerable due to over-fishing. The destroyed spawning, nursery and overwintering grounds also make a great deal of it. To discover the root causes of vulnerability, we conducted the detailed CCA (Figure 6).

The major immediate cause for fish in Yellow Sea region are: 1) over-fishing of wild population; 2) Spawning, nursery and over wintering grounds are polluted or destroyed by bottom trawl.

The underlying cause associated with these immediate causes include: (a) Increasing demand for food; (b) Provision of job opportunities.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Lifestyle change and favorite to sea food; (b) Requirement for more food for rapidly growing population.

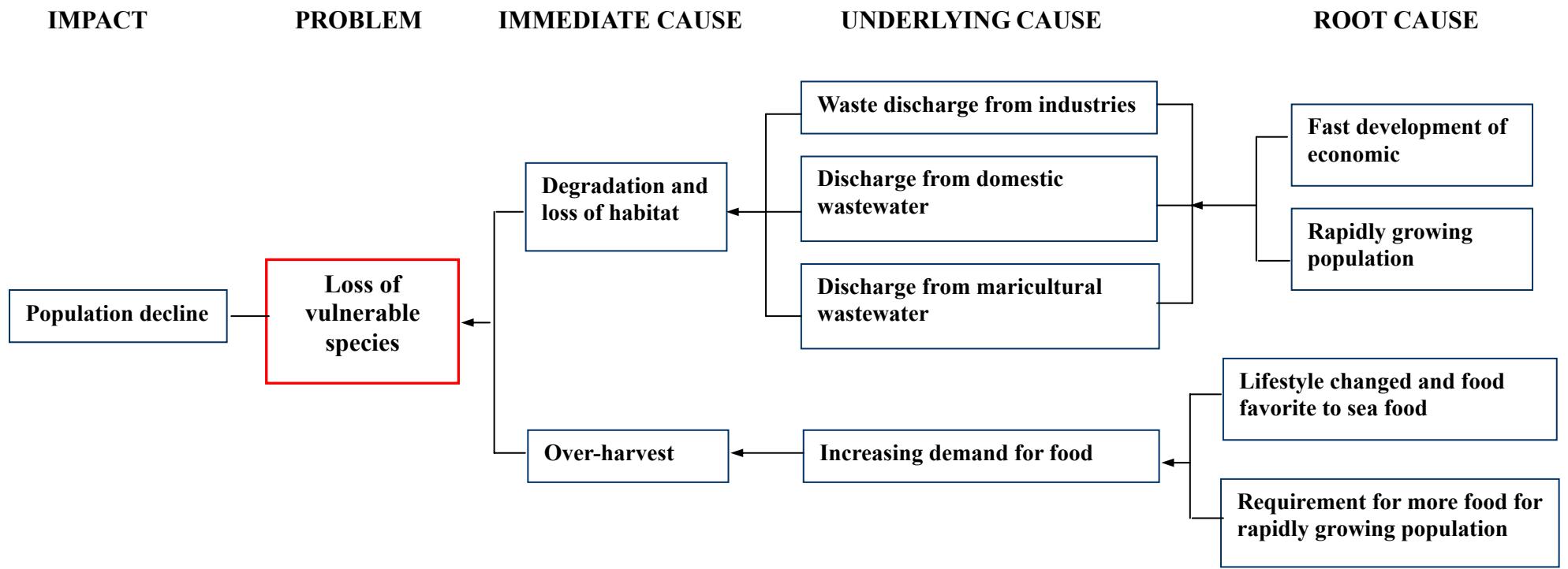


Figure 5 Causal chain analysis for Shrimp and Brachiopoda

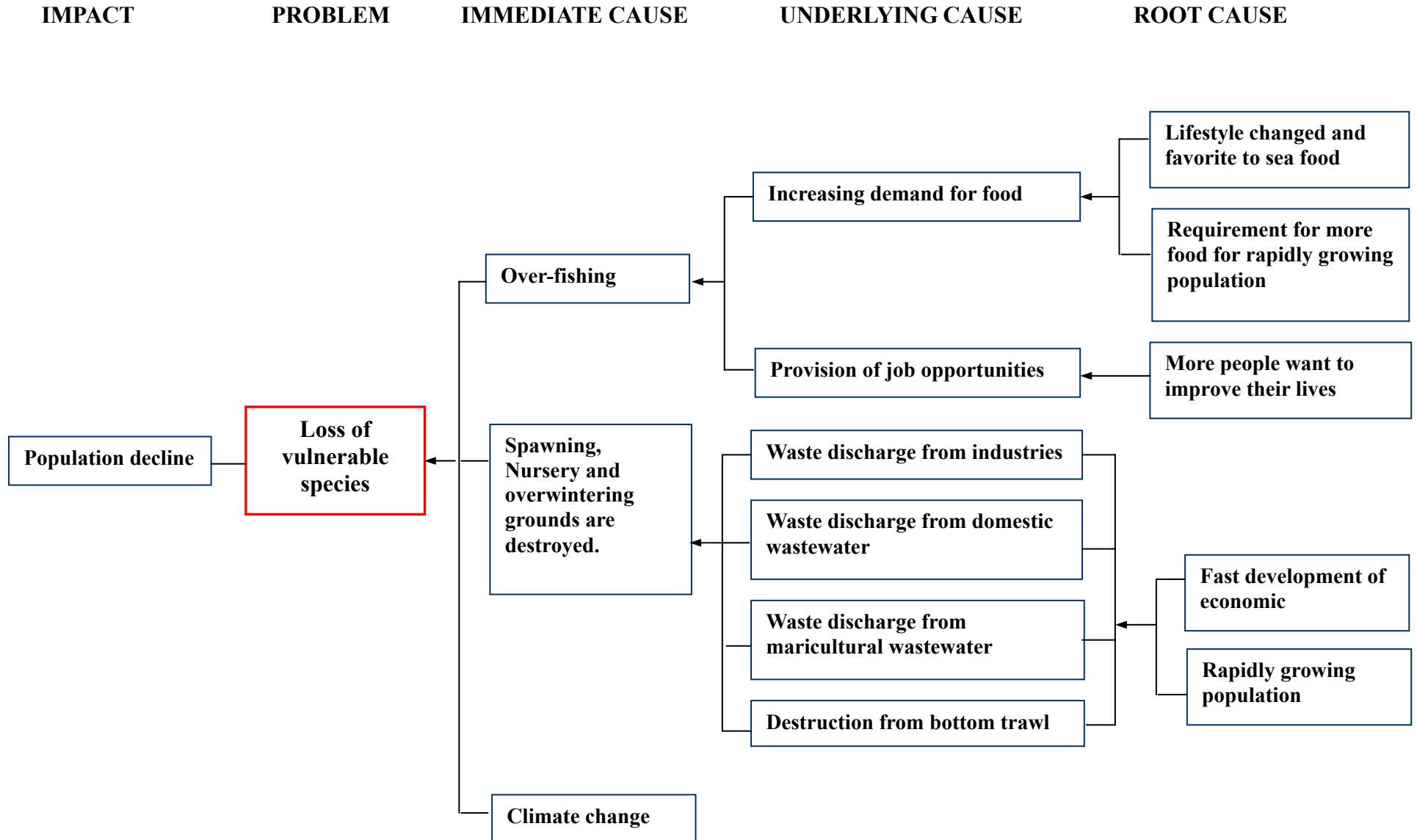


Figure 6 Causal chain analysis for fish

3.5 Sea Turtle

Sea turtle has become vulnerable due to breakage of reproductive habitat and over-harvest of eggs. To discover the root causes of vulnerability, we conducted the detailed CCA (Figure 7).

The major immediate cause for vulnerable species of Sea Turtle is: (a) Destruction of reproductive habitat; (b) Over-harvest of eggs; (c) Commercial catch.

The underlying cause associated with these immediate causes is developed for tourism and other use e.g. mariculture etc.

The root cause in connection to the related underlying cause and immediate cause is requirement for more tour space.

3.6 Chinese finless porpoise

Chinese finless porpoise has become vulnerable due to the breakage of Spawning migratory pathway and Degradation and loss of natural habitat. To discover the root causes of vulnerability, we conducted the detailed CCA (Figure 8).

The major immediate cause for Chinese finless porpoise is: (a) Commercial catch; (b) Spawning migratory pathway is blocked by dams; (c) Degradation and loss of habitat; (d) Accidentally injury and mis-hunting.

The underlying cause associated with these immediate causes included: (a) Build dams and other water conservancy; (b) Waste discharge from industries, domestic wastewater and maricultural wastewater; (c) Fast development of shipping and fishing industries.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Lifestyle change and food favorite to sea food; (b) Requirement for more food for rapidly growing population; (c) Fast development of economic.

3.7 Birds

Birds have become vulnerable in Yellow Sea region due to the lose and deterioration of wetland habitat and over-hunting. To discover the root causes of vulnerability, we conducted the detailed CCA (Figure 9).

The major immediate cause for vulnerable species of bird is: (a) The lose and deterioration of wetland habitat; (b) Over-hunting; (c) Massive egg harvest during the reproductive period; (d) Climate change.

The underlying cause associated with these immediate cause included: (a) Industrial and agricultural development; (b) Waste discharge from industries and domestic wastewater; (c) Life custom.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Fast development of economic; (b) Rapidly growing population; (c) Requirement

for more food for rapidly growing population

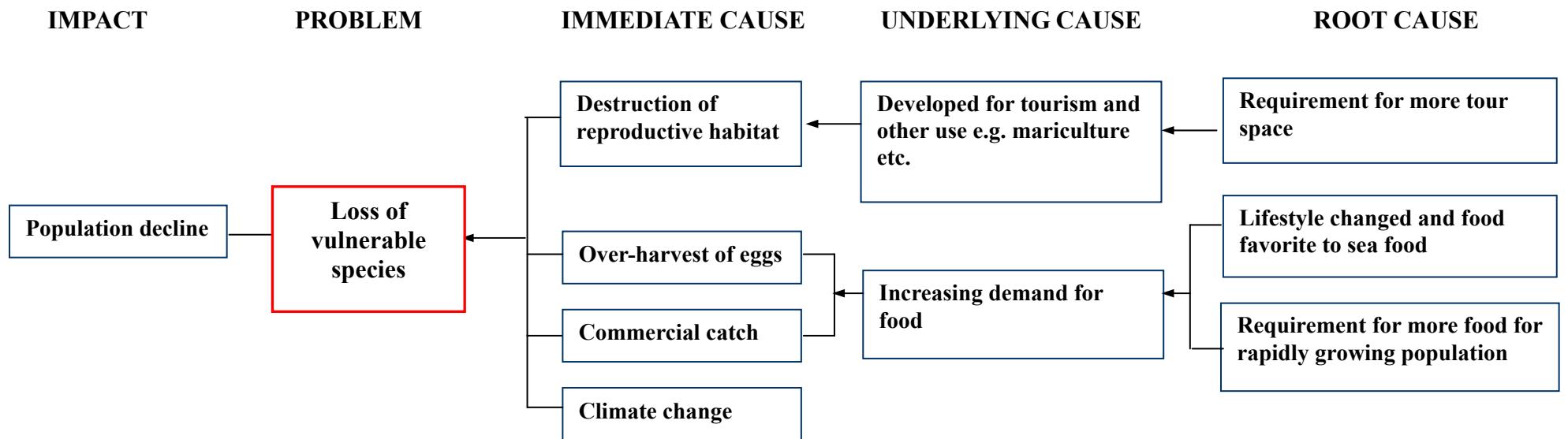


Figure 7 Causal chain analysis for Sea Turtle

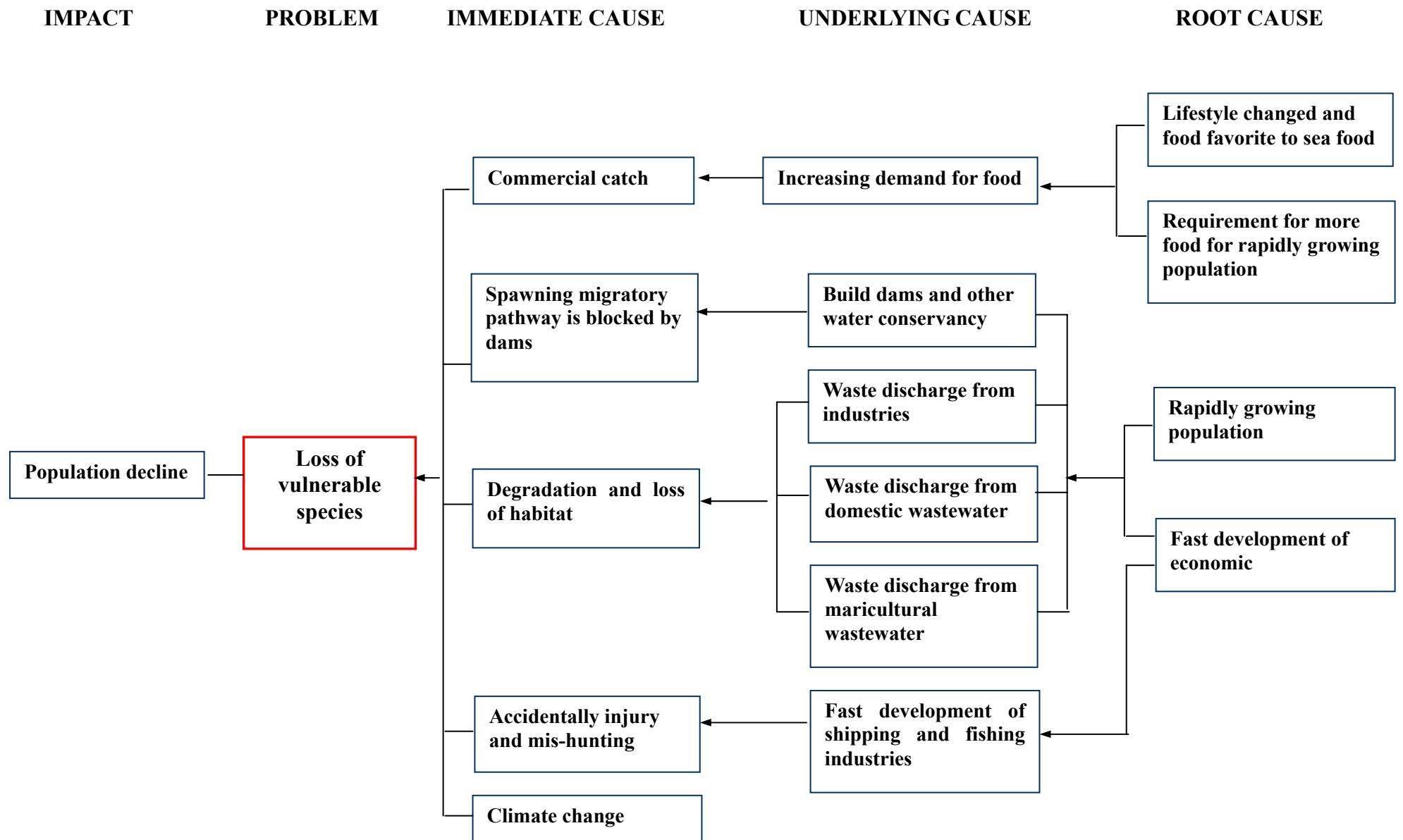


Figure 8 Causal chain analysis for Chinese finless porpoise

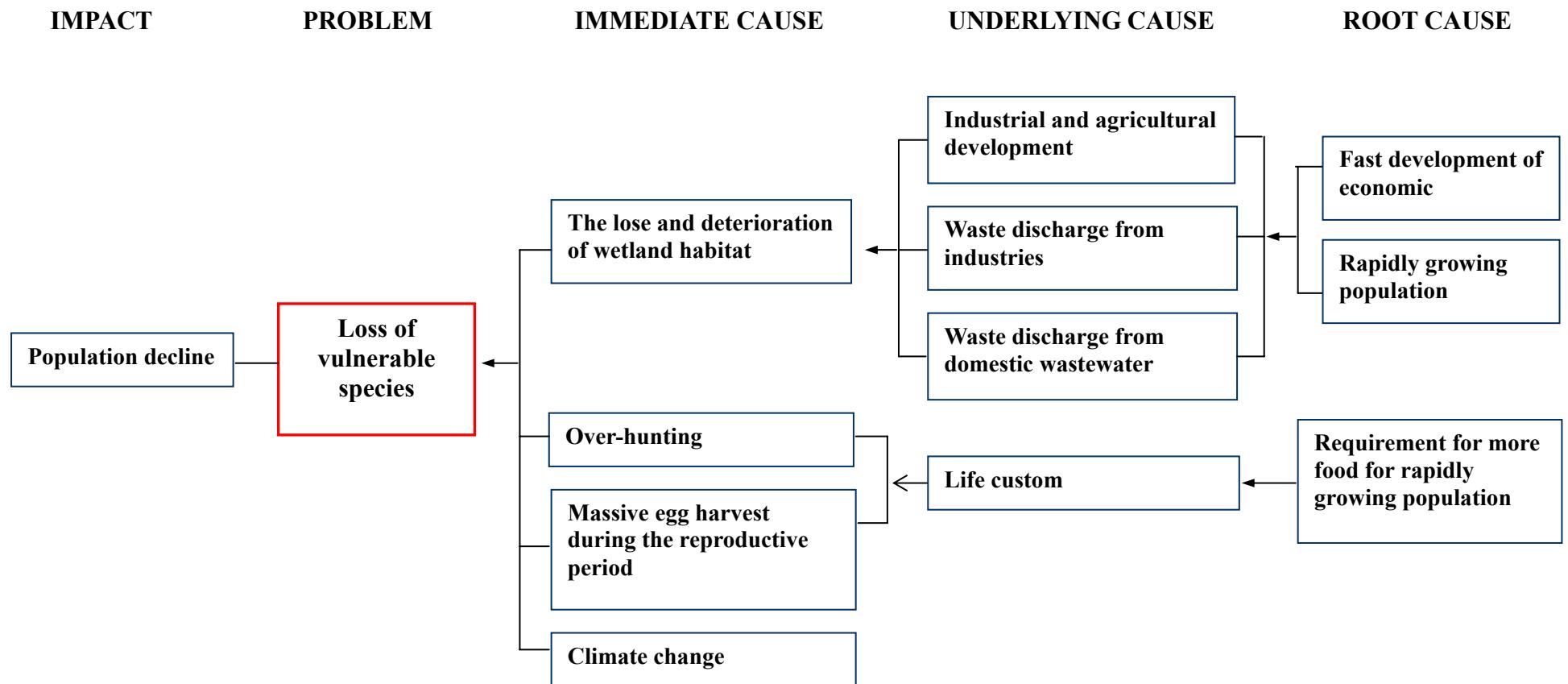


Figure 9 Causal chain analysis for birds

4. Exotic species

The exotic species are classified into two groups: 1) introduced species and 2) natural progressive species with current. Here the first group includes: 1.1) intentionally introduced species, such as for scientific research, aquaculture and planting and enjoying; 1.2) non-intentionally introduced species, such as invasion with ballast water, fouling organisms stuck at the bottom of ship, parasites with introduced species.

Up to now about 50 species of exotic marine organisms have been successfully introduced to the Yellow Sea region for mariculture or protecting the tidal flat and coast against the storm tide and erosion. Most of them live in mariculture areas or ponds which are completely or partially controlled by human. The comprehensive survey on marine exotic species did not conducted before. But a few of species have been found in natural environment and their wild populations have been found. Such as Spartina, one kind of coastal plant, has invaded to shellfish's habitat in Jiangsu's coastal flat. To discover the root causes of the impact of exotic species, we conducted the detailed CCA (Figure 10).

4.1 Intentionally introduced species

The major immediate causes of intentionally introduced species are: 1) Increase demand of aquaculture; 2) Protection of tidal-flat and coast; 3) Needs for scientific research; 4) Aquaria imported

The underlying cause associated with these immediate causes included: (a) Demand for food; (b) Serious damage from storm tide.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Lifestyle changed and food favorite to sea food; (b) Requirement for more food for rapidly growing population.

4.2 Non-intentionally introduced species:

The major immediate causes of non-intentionally introduced species are: 1) Increasingly inter-regional traffic & species introduction; 2) Natural invasion with current

The underlying cause associated with these immediate causes included: (a) Fast development of marine traffic; (b) Natural change

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Fast development of economy; (b) Natural change

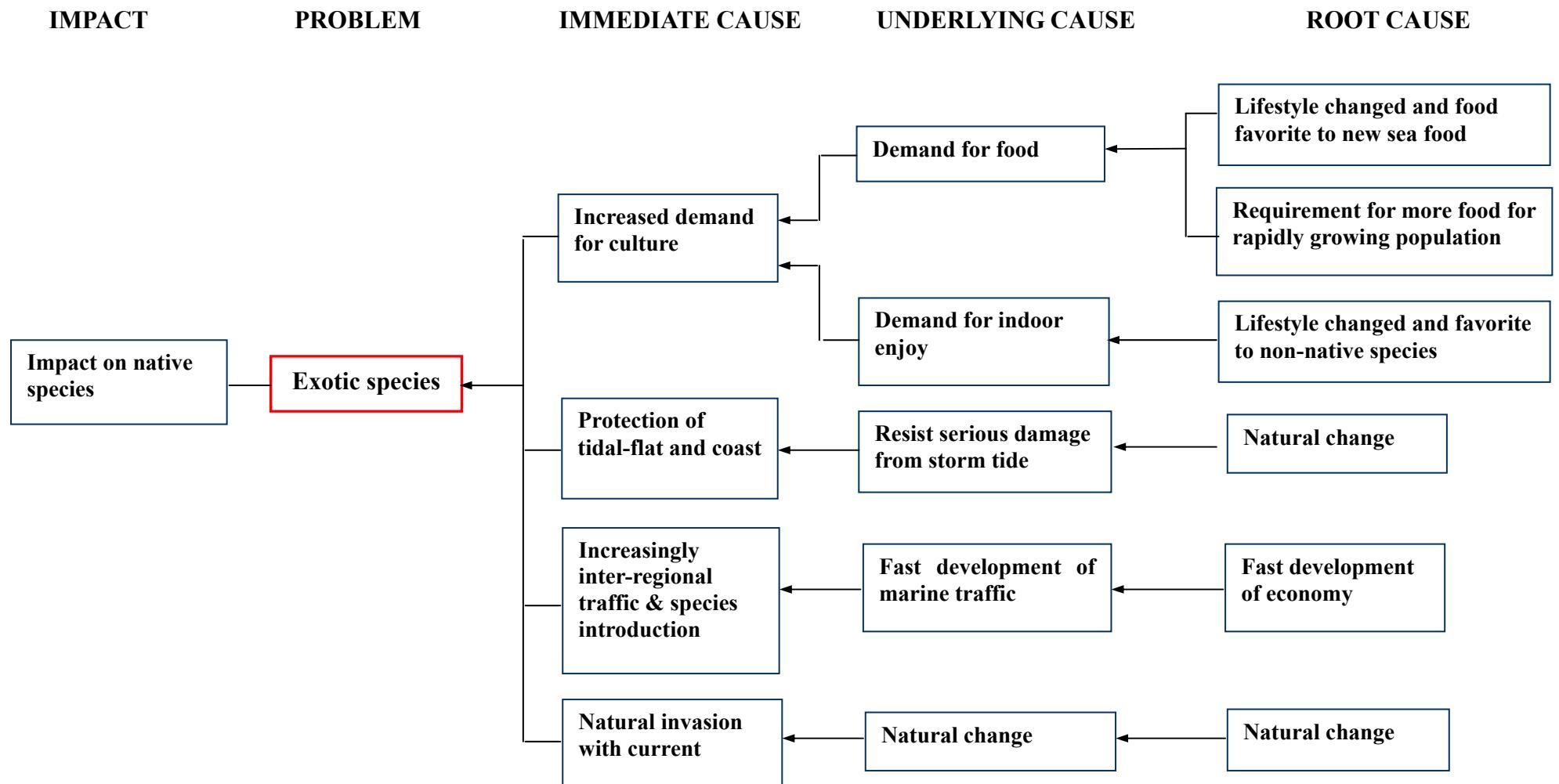


Figure 10 Causal chain analyses for Exotic species

5. Endemic species

5.1 Hemichordata

Endemic species of Hemichordata (*Glassobalanus palybanchioporus*, *Saccoglossus hwangiauensis*, *Branchiota belcheri tsingtauense*) distributed in the coastal waters in the YS have been threatened from the degradation and loss of habitat, which is also the major immediate cause for vulnerability of them. To discover the root causes of vulnerability, we conducted the detailed CCA (Figure 11).

The underlying cause associated with this immediate cause included: (a) Industrial & domestic waste discharge; (b) Habitat covered by dredged materials.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Fast development of economic; (b) Rapidly growing population.

5.2 Chinese sturgeon and Chinese paddlefish

Chinese sturgeon and Chinese paddlefish have been threatened mainly from the breakage of spawning migratory pathway and degradation and loss of natural habitat. To discover the root causes of vulnerability, we conducted the detailed CCA (Figure 12).

The major immediate cause for vulnerable species of Chinese sturgeon and Chinese paddlefish is: (a) Commercial catch; (b) Spawning migratory pathway is blocked by dams; (c) Degradation and loss of habitat; (d) Accidentally injury and mis-hunting.

The underlying cause associated with these immediate causes included: (a) Build dams and other water conservancy; (b) Waste discharge from industries, domestic wastewater and maricultural wastewater; (c) Fast development of shipping and fishing industries.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Lifestyle change and food favorite to sea food; (b) Requirement for more food for rapidly growing population; (c) Fast development of economic.

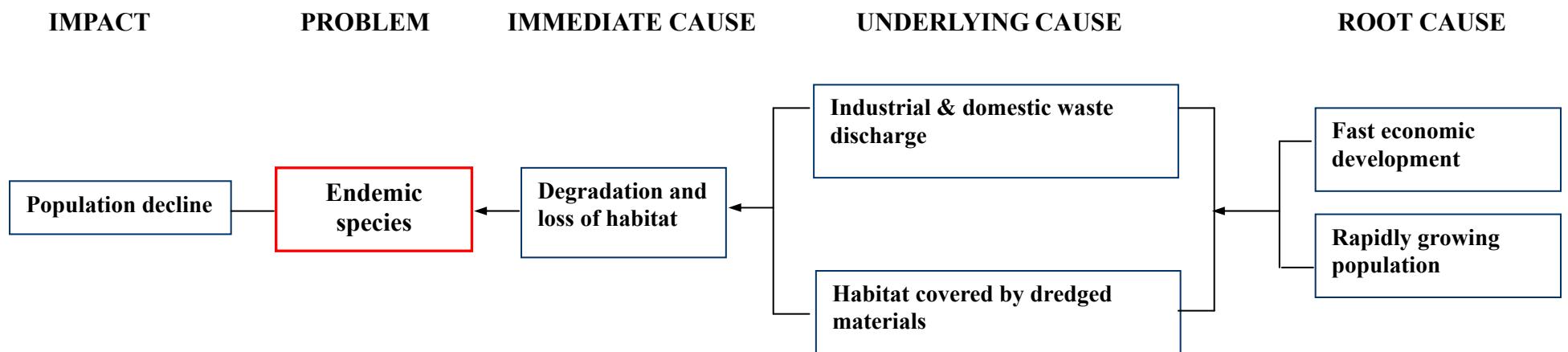


Figure 11 Causal chain analysis for endemic species of Hemichordata

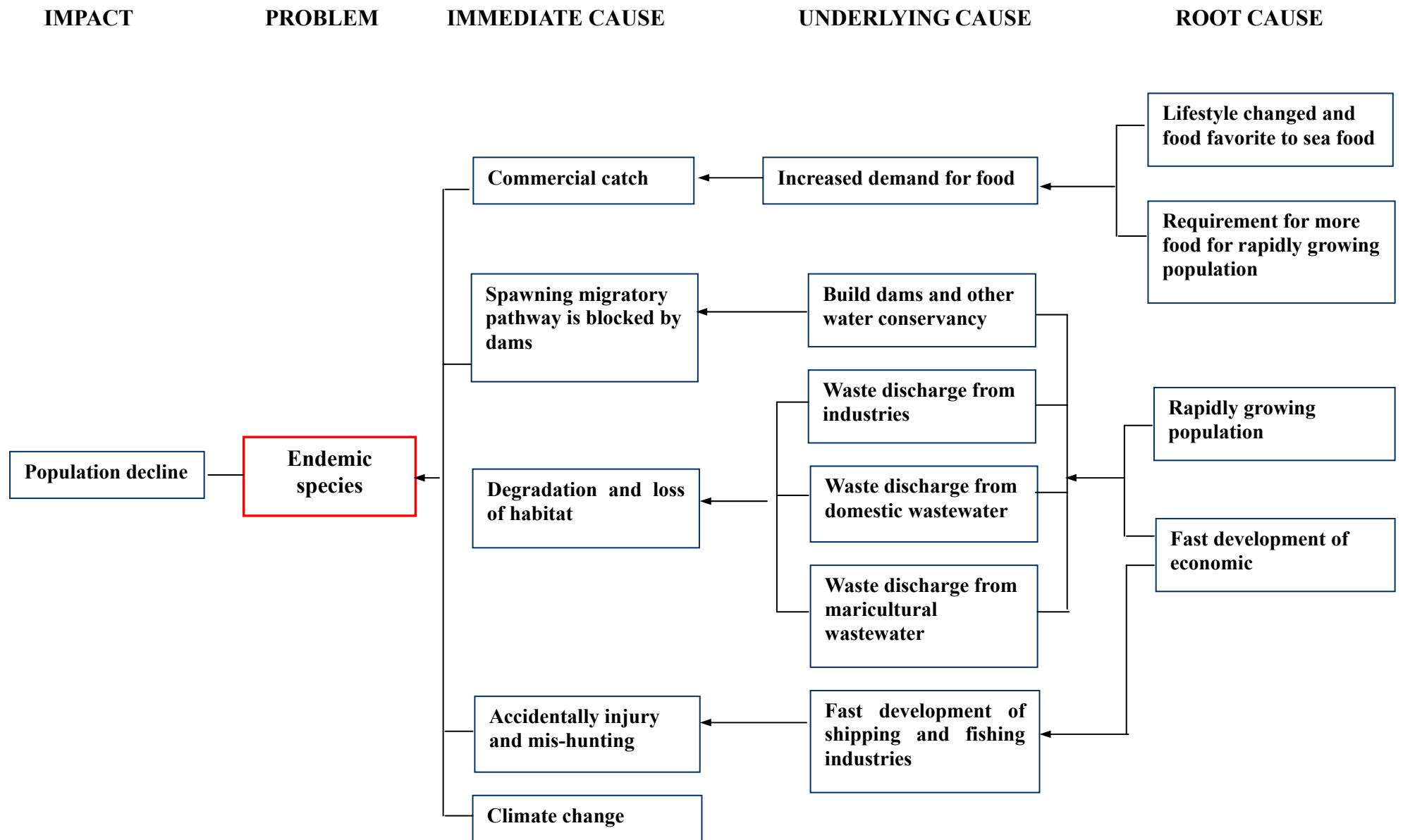


Figure 12 Causal chain analysis for endemic species of Chinese sturgeon and Chinese paddlefish

6. Degradation of genetic diversity

The major problem of genetic diversity is the degradation of genetic diversity. At the present time, there are a few studies on the genetic diversity of wild population. Only the cultured species and seriously threatened species have been studied on their genetic diversity. Such as Chinese prawn, red seabream snapper, Large Yellow Croaker, finless porpoise, and so on. It is difficult to confirm how much the genetic diversity decline, because of shortage of genetic data at different years. So the causal chain analysis we conducted is qualitative, see Figure13.

The major immediate causes for degradation of genetic diversity are: (a) Release of cultured species; (b) Long-term fishing; (c) Genetic mutation due to chemical pollutants; (d) Invasion of exotic species.

The underlying causes associated with these immediate causes include: (a) Increasing demand for seafood; (b) Agriculture: excessive use of fertilizers and pesticides contributing to the non-point source of pollutant inputs; (c) Industry: increased discharge of treated and/or partially treated industrial wastewaters contributing to the point source of pollutant input.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Lifestyle changed and food favorite to new sea food; (b) Requirement for more food for rapidly growing population; (c) Fast development of economy.

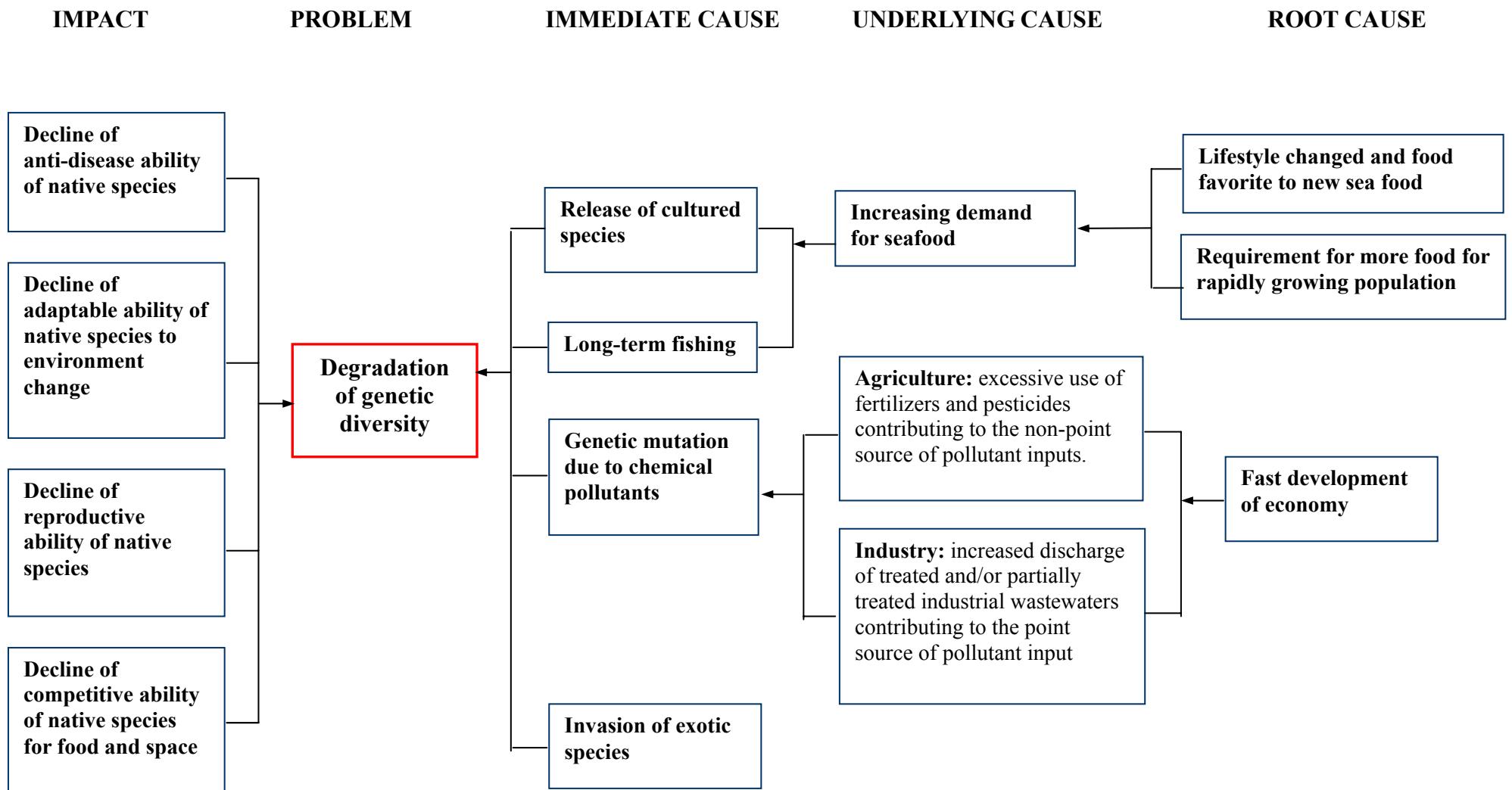


Figure 13 Causal chain analysis for degradation of genetic diversity

V. Preliminary governance analysis

1. Habitat loss

The management cause of habitat loss include: 1) Development-oriented policies in most coastal and marine areas; 2) The governors and related persons have inadequate knowledge about habitat protection; 3) Shipping-oriented economic policy in coastal cities, e.g. Lianyungang and Qingdao

2. Habitat conversion

The management causes of habitat conversion include: 1) mariculture-oriented policies in coastal and marine areas; 2) The governors and related persons underestimate the service value of coastal ecosystem; 3) Poor policy for sustainable exploitation of habitats; 4) Lack of an effective integrated system on coastal and marine management.

3. Loss of vulnerable species

The management causes of loss of species include: 1) Poor policy for sustainable exploitation of living resources; 2) weak enforcement of laws; 3) The governors and related persons underestimate the service value of coastal ecosystem; 4) development-oriented policies in coastal and marine areas.

4. Exotic species

The management causes of exotic species include: 1) Development-oriented policies in coastal and marine areas; 2) Inadequate knowledge; 3) No management practice.

5. Loss of endemic species

The management causes of endemic species include: 1) Poor laws and regulations; 2) Weak enforcement of laws; 3) Lack of related knowledge.

6. Degradation of genetic diversity

The management causes of degradation of genetic diversity include: 1) Weak management practice; 2) Inadequate regulations.

VI. Location of data & info and access to each site by the public

Lots of data and information are kept in the Information Center of First Institute of Oceanography, State Ocean Administration. Some information is from governments' and commercial websites such as SOA, SEPA, Wanfang Data, VIP information, China National Knowledge Infrastructure etc. Some are kept by scientists. Most information is accessible by the public with a cheap payment.

VII. Data and information table

- A. Information of 24 habitat reclamation areas (see Biodiversity data table.xls)
- B. Information of 20 habitat conversion areas (see Biodiversity data table.xls)
- C. The information of 363 marine functional zones (see Biodiversity data table.xls)
- D. The information of 18 marine nature reserves (see Biodiversity data table.xls)
- E. The Information of ecologically important areas of 6 taxonomic groups (see YSEPP_EIA.ppt)
- F. The information of 35 vulnerable species (see Biodiversity data table.xls)
- G. The information of 4 endemic species (see Biodiversity data table.xls)
- H. The information of 35 exotic species (see Biodiversity data table.xls)
- I. The information genetic diversity of 15 species(see Biodiversity data table.xls and GeneticBiodiversity.zip)
- J. Species listing of all found species in the Yellow Sea(see YS Species listing v2.doc)
- K. The information of 50 biodiversity-related laws and regulations (see Biodiversity data table.xls)
- L. Detailed CCA and GA analysis table (See Detail CCA-GA v2.xls)

VIII. Data and information gaps

1) We only found the general information of endemic species and some vulnerable species. We do not have the quantitative information about their distribution and population change of most species in the coastal waters because no well monitoring activities. No field survey was conducted most of them before. So the field survey is necessary to understand the effects from exotic species on them.

2) We only found the general information of exotic species now. No field survey was conducted for most exotic species before. However some experts think their wild populations are very likely in the Yellow Sea by analyzing their mariculture methods and waters. So the field survey is necessary to understand the invasiveness (i.e. invasive ability) of exotic species and invasibility of habitat.

IX. Changes in species composition, habitat, genetic diversity

Because of the long-term over-fishing and habitat pollution, the biomass and density of benthic community in the Yellow Sea have overall decreased since 1980. Many of economic species, e.g. shellfish, abalone, crab and shrimp, have declined in number. On the other hand, some non-economic species, e.g. polychaeta and echinoderm have become relatively dominant species. Like the benthic community, the swimming animals have experienced the

similar change in species composition too, i.e. the high-value populations declined in both standing stock and relative dominance, while the low-value population become dominant species. Therefore benthic and swimming communities share the same feature in species composition, i.e., shift to low-value species from high-value species (Jin 2005).

The degradation of coastal habitat is becoming more serious and extensive due to the increasing pollution pressure since 1980. Compared with the large-scale habitat degradation, habitat loss happens at local waters but its impact is fatal for native species: either die or move out. The habitat loss is serious esp. in Dalian Bay, Jiaozhou Bay and Haizhou Bay due to reclamation of the coastal area for urban land and increasing dumping area of solid waste. They are near Dalian city, Qingdao city and Lianyungang city respectively. The

Few studies aim at the temporal change of genetic diversity of wild population of concerned species. However a few studies show the cultured populations of some species, such as Chinese prawn and Chinese scallop, have less genetic diversity than their wild population.

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- 14、<http://218.104.80.45:287/view.php?id=3&Zone=江苏省&bh=219&flag=gk>
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- 18、<http://biodiv.coi.gov.cn/sw/1lei/010.htm>
- 20、<http://www.chinabiodiversity.com/search/aspecies/alist.shtm>

Annex 2 Visited Institutions

State Oceanic Administration (SOA) system

1. Environmental Protection Department, SOA (Visiting Mr. Bin Wang)
2. North China Sea Branch, SOA (Visiting Mr. Jiangqian Yang, Mr. Wenling Cui)
3. National Oceanic Information Center(visiting Prof Zhihua Ma, Xuyue Luo et.al.)
4. National Marine Environment Monitoring Center(visiting Prof Yubo Liang, Mr. Dewen Ding, Mr. Peiying Li et.al.)
5. Oceanic and Fisheries Department of Liaoning(visiting Mr. Laizhao Chen)
6. Oceanic and Fisheries Department of Shandong(visiting Mr. Jinmao Sun, Mr. Ennian Xie, Ms. Yi Wei)
7. Oceanic and Fisheries Department of Jiangsu(visiting Mr. Yi Shen)
8. Oceanic and Fisheries Bureau of Dalian(visiting Mr. Yantao Dong)
9. Oceanic and Fisheries Bureau of Qingdao(visiting Mr. Lianshen Wang, Sulian Wang)
10. Oceanic and Fisheries Bureau of Yantai City (visiting Ms. Jiang Guiyuan)
11. Oceanic and Fisheries Bureau of Weihai City (visiting Mr. Zhang Jiwei)
12. Oceanic and Fisheries Bureau of Rizhao City (visiting Mr. Song Quanshen)
13. Oceanic and Fisheries Bureau of Lianyungang City (visiting Mr. Chen Bairao)
14. Oceanic and Fisheries Bureau of Yancheng City (visiting Mr. Zhou Cunmin)
15. Information Center(also Library),First Institute of Oceanography, SOA(visiting Ms. Ming Lu)

Ministry of Agriculture (MOA) system

16. Oceanic and Fisheries Department of Liaoning(visiting Mr. Laizhao Chen)
17. Oceanic and Fisheries Department of Shandong(visiting Mr. Jinmao Sun, Mr. Ennian Xie, Ms. Yi Wei)
18. Oceanic and Fisheries Department of Jiangsu(visiting Mr. Yi Shen)
19. Oceanic and Fisheries Bureau of Dalian(visiting Mr. Yantao Dong)
20. Oceanic and Fisheries Bureau of Qingdao(visiting Mr. Lianshen Wang, Sulian Wang)
21. Information Center(also Library),Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences

State Environmental Protection Administration (SEPA) system

22. Environmental Protection Bureau of Liaoning (visiting Mr. Yi WEN)
23. Environmental Protection Bureau of Shandong (visiting Mr. Guanghe WANG)
24. Environmental Protection Bureau of Jiangsu (visiting Mr. Tiejun ZHU)
25. Environmental Protection Bureau of Dalian (visiting Mr. Zhongyan WANG)
26. Environmental Protection Bureau of Yantai (visiting Mr. Ruixiang WANG)

27. Environmental Protection Bureau of Weihai (visiting Mr. Zhihe WANG)
28. Environmental Protection Bureau of Qingdao (visiting Mr. Zelin Li)
29. Environmental Protection Bureau of Rizhao (visiting Mr. Yuhai LIU)
30. Environmental Protection Bureau of Lianyungang (visiting Mr. Dianyu HAO)

State Forestry Administration System

31. Wetland Resources Monitoring Center, State Forestry Administration (visiting Mr Guilin Huang)

Chinese Academy of Sciences (CAS) system:

32. Information Center(also Library), Institute of Oceanology, CAS

Ministry of Education (MOE) system:

33. Information Center(also. Library), Ocean University of China

Species listing in the Yellow Sea

Extracted From Huang Zongguo. 1994. Species in China waters and their distribution. Beijing:
Ocean Press.

Chinese name	Latin name
原核生物界	MONERA
细菌	BACTERIA
硫化细菌目	THIOBACILLALES
硫杆菌科	THIOBACILLACE
排硫杆菌	<i>Thiobacillus thioparus</i> Beijerinck
氧化硫杆菌	<i>T. thiooxidans</i> Waksman et Jofe
脱氮硫杆菌	<i>T. denitrificans</i> Beijerinck
脱硫弧菌目	DESULFOVIBRIONALES
脱硫弧菌科	DESULFOVIBRIONACEAE
脱硫脱硫弧菌	<i>Desulfovibrio desulfuricans</i> (Beijerinck) Kluyver et Van Niel
假单胞菌目	PSEUDOMONADALES
假单胞菌科	PSEUDOMONADACEAE
假单胞菌属	<i>Pseudomonas</i>
黄单胞菌属	<i>Xanthomonas</i>
嗜盐自生固氮菌海 洋变种	<i>Azotobacteria halophilum v. Marinus</i> Cheng
产碱菌属	<i>Alcaligenes</i>
黄杆菌属	<i>Flavobacterium</i>
奈瑟氏球菌属	<i>Neisseria</i>
不动细菌属	<i>Acinetobacter</i>
肠杆菌属	<i>Enterobacter</i>
大肠埃希氏菌	<i>E. coli</i> Castellani et Chalmers
普通变形菌	<i>Proteus vulgaris</i> Hauser
弧菌科	VIBRIONACEAE
东方弧菌	<i>Vibrio orientalis</i> Yang
副溶血弧菌	<i>V. parahaemolyticus</i> Fujino et al
溶藻弧菌	<i>V. alginolyticus</i> Sakazaki et al
鳗弧菌	<i>V. anguillarum</i> Bergeman
坎贝氏弧菌	<i>V. campbellii</i> Baumann, Bartram, Bang et Woolkalis
哈维氏弧菌	<i>V. harveyi</i> Baumann, Bartram, Bang et Woolkalis
黑丽弧菌	<i>V. migripulchritudo</i> Baumann Bang et Woolkalis
费氏弧菌	<i>V. fischeri</i> (Beijerinck) Lehmann et Neumann
美丽发光弧菌生物 型 I	<i>V. splendidus biotype</i>

气单胞菌属	<i>Aeromonas</i>
发光杆菌属	<i>Photobacterium</i>
鱼发光杆菌	<i>P. leiognathi</i>
费氏发光杆菌	<i>P. fiseheri</i> Beijerinck
明亮发光杆菌	<i>P. phosphoreum</i> (Cohu)Ford
哈氏射光杆菌	<i>Lucibacterium harveyi</i> (Johnson et al)
芽孢杆菌属	<i>Bacillus</i>
球形芽孢杆菌	<i>B. sphaericus</i> Meyer et Neide
坚强芽孢杆菌	<i>B. firmus</i> Bredemann et Werner
短芽孢杆菌	<i>B. brovis</i> Migula
苛求芽孢杆菌	<i>B. fastidiosus</i> den Dooren de Jong
棒杆菌目	CORYNEBACTERIACES
棒杆菌科	CORYNEBACTERIACEAE
棒杆菌属	<i>Corynebacterium</i>
节杆菌属	<i>Arthrobacter</i>
乳杆菌科	LACTOBACILLACEAE
乳杆菌属	<i>Lactobacillus</i>
噬杆菌科	CYTOPHAGALES
噬纤维菌科	CYTOPHAGACEAE
噬纤维菌属	<i>Cytophaga</i>
柄杆菌属	<i>Caulobacter</i>
微球菌属	<i>Micrococcus</i>
丹砂色小球菌 E 系	<i>M. cinnabarens</i> Flugge-strain E
硫色小球菌 B 系	<i>M. sulfureus</i> Zimmerman-strain B
亮白微球菌	<i>M. candidus</i> Cohn
朱红微球菌	<i>M. cinnabareus</i>
李氏微球菌	<i>M. ridleyi</i>
李氏小球菌海洋变种	<i>M. ridleyi corbert v. marinus</i>
李氏小球菌海洋变种 A 系	<i>M. ridleyi</i> Corbent-strain A
柠檬酸小球菌海洋变种	<i>M. citreus</i> migula v.
葡萄球菌属	<i>Staphylococcus</i>
链球菌科	STREPTOCOCCACEAE
链球菌属	<i>Streptococcus</i>
八叠球菌属	<i>Sarcina</i>
蓝菌 (藻)	CYANOBACTERIA [CYANOPHYTA]
色球藻目	CHROOCOCCALES
色球藻科	CHROOCOCCACEAE
膨胀色球藻	<i>Chroococcus turgidus</i> (Kuetz.) Naeg.
银灰平裂藻	<i>Merismopedia glauca</i> (Ehrenb.) Naeg.
圆胞束球藻	<i>Gomphosphaeria aponina</i> Kuetz.

集胞藻	<i>Synechocystis pevalekii</i> Ercegovic
颗粒石囊藻	<i>Entophysalis granulosa</i> Kuetz.
棍棒皮果藻	<i>Dermocarpa fucicola</i> Saubders
草绿皮果藻	<i>D. prasina</i> (Rein.) Born. et Flah.
紫蓝皮果藻	<i>D. violacea</i> Grouan
堆积异球藻	<i>Xenococcus acervatus</i> S. et G.
硬毛异球藻	<i>X. chaetomorphae</i> S. et G.
附枝异球藻	<i>X. cladopharae</i> (Tilden) S. et G.
微小宽球藻	<i>Pleurocapsa minuta</i> Geitler
蓝枝藻科	HYELLACEAE
簇生蓝枝藻	<i>Hyella caespitosa</i> Born. et Flah.
颤藻目	OSCILLATORIALES
颤藻科	OSCILLATORIACEAE
盐泽螺旋藻	<i>Spirulina subsalsa</i> Oerst.
细致螺旋藻	<i>S. subtilissima</i> Kuetz.
紫色螺旋藻	<i>S. versicolor</i> Cohn
两栖颤藻	<i>Oscillatoria amphibia</i> C. Ag.
关节颤藻	<i>O. articulata</i> Gardn.
庞氏颤藻	<i>O. bonnemaisonii</i> Crouan
艳绿颤藻	<i>O. laetevirens</i> (Crouan) Gom.
墨绿颤藻	<i>O. nigro-viridis</i> Thwaites
稍短颤藻	<i>O. subbrevis</i> Schmidle
红海束毛藻	<i>Trichodesmium erythraeum</i> Ehr.
马克西束毛藻	<i>T. maceii</i> Li, Bian, Lewin, Cheng et Pan
皮状席藻	<i>Phormidium corium</i> (Ag.) Gom.
脆席藻	<i>P. fragile</i> Gom.
纤细席藻	<i>P. tenue</i> (Menegh.) Gom.
丝状鞘丝藻	<i>Lyngbya confervoides</i> C. Ag.
附生鞘丝藻	<i>L. epiphytica</i> Hieron.
巨大鞘丝藻	<i>L. majuscula</i> Harvey
中附鞘丝藻	<i>L. nordgaardii</i> Wille
半丰满鞘颤藻	<i>L. semiplena</i> (C. Ag.) J. Ag.
惠氏鞘颤藻	<i>L. willei</i> S. et G.
海生束藻	<i>Symploca hydnoides</i> Kuetz.
林氏水鞘藻	<i>Hydrocoleus lyngbyaceus</i> Kuetz.
合生微鞘藻	<i>Microcoleus confluens</i> S. et G.
原型微鞘藻	<i>M. chthonoplastes</i> Thur.
细柔微鞘藻	<i>M. tenerimus</i> Gom.
念珠藻目	NOSTOCALES
念珠藻科	NOSTOCACEAE
多变鱼腥藻	<i>Anabaena variabilis</i> Kuetz.
丝状眉藻	<i>Calothrix confervicola</i> (Roth) Ag.
苔垢菜	<i>C. crustacea</i> Thur.

寄生眉藻	<i>C. parasitica</i> (Chauv.) Thur.
岩生眉藻	<i>C. scopulorum</i> (W. et M.) Ag.
扁平栅须藻	<i>Isactis plana</i> Thur.
黑色胶须藻	<i>Rivularia atra</i> Roth
真枝藻目	STIGONEMATALES
拟珠藻科	NOSTOCHOPSIDACEAE
贝生鞭鞘藻	<i>Mastigocoleus testarum</i> Lagerh.
海雹菜	<i>Brachytrichia quoyi</i> (Ag.) Born. et Flah.
紫色分须藻	<i>Amphithrix janthina</i> (Montagne) Born. et Flah.
红色须藻	<i>Homoeothrix rubra</i> (Cr.) Fremy
亚的里亚瘤皮藻	<i>Oncobryrsa adriatica</i> Hauck
原生生物界	PROTISTA
硅藻门	BACILLARIOPHYTA
中心纲	CENTRICAES
圆筛藻目	COSCINODISCALES
圆筛藻科	COSCINODISCACEAE
结构直链藻	<i>Melosira architecturalis</i> Brun
念珠直链藻	<i>M. moniliformis</i> (Muell.) Agardh
具槽直链藻	<i>M. sulcata</i> (Ehr.) kuetzing [Paralia sulcata (Ehr.) Cleve]
具槽直链藻辐射变型	<i>M. sulcata</i> f. <i>radiata</i> (Grun.) Peragallo et Peragallo
星形柄链藻	<i>P. stelliger</i> (Bailey) Mann [<i>Hyalodiscus stelliger</i> Bailey]
细弱明盘藻	<i>Hyalodiscus subtilis</i> Bailey
掌状冠盖藻	<i>S. palmeriana</i> (Grev.) Grunow
塔形冠盖藻	<i>S. turris</i> (Grev. et Arndt) Ralfs
小环毛藻	<i>Corethron hystrix</i> Hansen
中肋骨条藻	<i>Skeletonema costatum</i> (Grev.) Cleve
优美施罗藻	<i>Schroederella delicatula</i> (Perag.) Pavillard
丛毛辐杆藻	<i>Bacteriastrum comosum</i> Pavillard
丛毛辐杆藻具棘变种	<i>B. comosum</i> v. <i>hispida</i> (Castr.) Schroeder
优美辐杆藻	<i>B. delicatulum</i> Cleve
长辐杆藻	<i>B. elongatum</i> Cleve
透明辐杆藻	<i>B. hyalinum</i> Lauder
透明辐杆藻	<i>B. hyalinum</i> v. <i>princeps</i> (Castr.) Ikari
变异辐杆藻	<i>B. varians</i> Lauder
波罗的海海链藻	<i>Thalassiosira baltica</i> (Grun.) Ostenfeld
密联海链藻	<i>T. condensata</i> (Cleve) Lebour
并基海链藻	<i>T. decipiens</i> (Grun.) E. Joergensen
鼓胀海链藻	<i>T. gravida</i> Cleve
透明海链藻	<i>T. hyalina</i> (Grun.) Gran
诺登海链藻	<i>T. nordenskioldii</i> Cleve
太平洋海链藻	<i>T. pacifica</i> Gran et Angst.
圆海链藻	<i>T. rotula</i> Meunier
细弱海链藻	<i>T. subtilis</i> (Ostenf.) Gran.

威氏海链藻	<i>T. weissflogii</i> (Grun.) Fryxell et Hasle
北方劳德藻	<i>Lauderia borealis</i> Gran
萎软几内亚藻	<i>Guinardia flaccida</i> (Castr.) Peragallo
地中海指管藻	<i>Dactyliosolen mediterraneus</i> (Perag.) Peragallo
亚德里亚细柱藻	<i>Leptocylindrus adriaticus</i> Schroeder
丹麦细柱藻	<i>L. danicus</i> Cleve
金色金盘藻	<i>Chrysanthemodiscus floratus</i> Mann
柏氏角管藻	<i>Cerataulina bergenii</i> Peragallo
海洋角管藻	<i>C. pelagica</i> (Cleve) Hendey [<i>Syringidium daemon</i> Greville]
紧密角管藻	<i>C. compacta</i> Ostenfeld et A. Schmidt
太阳漂流藻	<i>Planktoniella sol</i> (Wallich) Schuett
热带戈斯藻	<i>Gossleriella tropica</i> Schuett
低温小环藻	<i>Cyclotella frigida</i> Cleve-Euler
来都小环藻	<i>C. ladogensis</i> Cleve-Euler
梅里小环藻	<i>C. meneghiniana</i> Kuetzing
条纹小环藻	<i>C. striata</i> (Kuetz.) Grunow
条纹小环藻波罗的海变种	<i>C. striata v. baltica</i> Grunow
柱状小环藻	<i>C. stylorum</i> Brightwell
狭线形圆筛藻	<i>Coscinodiscus anguste-lineatus</i> A. Schmidt
蛇目圆筛藻	<i>C. argus</i> Ehrenberg
星脐圆筛藻	<i>C. asteromphalus</i> Ehrenberh
星脐圆筛藻仿玟纹变种	<i>C. asteromphalus v. subbuliens</i> (Joerg.) Cleve-Euler
有翼圆筛藻	<i>C. bipartitus</i> Rattray
舌形圆筛藻	<i>C. blandus</i> A. Schmidt
中心圆筛藻	<i>C. centralis</i> Ehrenberg
整齐圆筛藻	<i>C. concinnus</i> W. Smith
弓束圆筛藻	<i>C. curvatulus</i> Grunow
弓束圆筛藻小形变种	<i>C. curvatulus v. minor</i> (Ehr.) Grunow
明壁圆筛藻	<i>C. debilis</i> Grove
减小圆筛藻	<i>C. decrescens</i> Grunow
银币圆筛藻	<i>C. denarius</i> A. Schmidt
多束圆筛藻	<i>C. divisus</i> Grunow
离心列圆筛藻	<i>C. excentricus</i> Ehrenberg
巨圆筛藻	<i>C. gigas</i> Ehrenberg
格氏圆筛藻	<i>C. granii</i> Gough
强氏圆筛藻	<i>C. janischii</i> A. Schmidt
琼氏圆筛藻	<i>C. jonesianus</i> (Grev.) Ostenfeld
琼氏圆筛藻变化变种	<i>C. jonesianus v. commutata</i> (Grun.) Hustedt
库氏圆筛藻	<i>C. kuetzingii</i> A. Schmidt
斑孔圆筛藻	<i>C. lentiginosus</i> Janisch
线形圆筛藻	<i>C. lineatus</i> Ehrenberg
具边圆筛藻	<i>C. marginatus</i> Ehrenberg
光亮圆筛藻	<i>C. nitidus</i> Gregory

壮丽圆筛藻	<i>C. nobilis</i> Grunow
结节圆筛藻	<i>C. nodulifer</i> A. Schmidt
暗氏圆筛藻	<i>C. obscurus</i> A. Schmidt
小眼圆筛藻	<i>C. oculatus</i> (Fauv.) Petit
虹彩圆筛藻	<i>C. oculus-iridis</i> Ehrenberg
虹彩圆筛藻北方变种	<i>C. oculus-iridis v. borealis</i> (Bail.) Cleve
孔圆筛藻	<i>C. perforatus</i> Ehrenberg
孔圆筛藻疏室变种	<i>C. perforatus v. cellulosa</i> Grunow
孔圆筛藻窄隙变种	<i>C. perforatus v. pavillard</i> (Forti) Hustedt
辐射圆筛藻	<i>C. radiatus</i> Ehrenberg
洛氏圆筛藻	<i>C. rothii</i> (Ehr.) Grunow
有棘圆筛藻	<i>C. spinosus</i> Chin
细弱圆筛藻	<i>C. subtilis</i> Ehrenberg
苏氏圆筛藻	<i>C. thorii</i> Pavillard
膨大圆筛藻	<i>C. turgidus</i> Rattray
威氏圆筛藻	<i>C. wailesii</i> Gran et Angst
威氏波形藻密条变种	<i>Cymatotheca weissflogii v. densestriata</i> Voigt
眼纹藻科	EUPODISCACEAE
奇妙辐环藻	<i>Actinocyclus alienus</i> Grunow
爱氏辐环藻	<i>A. ehrenbergii</i> Ralfs
爱氏辐环藻厚缘变种	<i>A. ehrenbergii v. crassa</i> (W. Smith) Hustedt
爱氏辐环藻辣氏变种	<i>A. ehrenbergii v. ralfsii</i> (W. Smith) Hustedt [<i>A. ralfsii</i>]
爱氏辐环藻优美变种	<i>A. ehrenbergii v. tenella</i> (Breb.) Hustedt
椭圆辐环藻披针变型	<i>A. ellipticus f. lanceolata</i> Volbe
广卵罗氏藻	<i>Roperia latiovala</i> Chen et Qian
方格罗氏藻	<i>R. tessellata</i> (Roper) Grunow
楔形半盘藻	<i>Hemidiscus cuneiformis</i> Wallich
哈德半盘藻	<i>H. hardmannianus</i> (Grev.) Mann
辐盘藻科	ACTINODISCACEAE
球状辐裥藻	<i>Actinoptychus annulatus</i> (Wallich) Grunow
澳大利亚辐裥藻	<i>A. australis</i> (Grun.) Andrews
华美辐裥藻	<i>A. splendens</i> (Shadb.) Ralfs
三舌辐裥藻	<i>A. trilingulatus</i> (Brightw.) Ralfs
波状辐裥藻	<i>A. undulatus</i> (Bailey) Ralfs
七边乳头藻	<i>Mastogonia heptagona</i> Ehrenberg
蛛网藻	<i>Arachnoidiscus ehrenbergii</i> Bailey
南方星纹藻	<i>Asterolampra marylandica</i> Ehrenberg
范氏星纹藻	<i>A. Brun</i>
长卵面星脐藻	<i>A. cleveanus</i> Grunow
扇形星脐藻	<i>A. flabellatus</i> (Breb.) Greville
布氏双尾藻	<i>Ditylum brightwelli</i> (West) Grunow
太阳双尾藻	<i>D. sol</i> Grunow
锤状中鼓藻	<i>Bellerochea malleus</i> (Brightw.) Van Heurck

细纹三角藻	<i>Triceratium affine</i> Grunow
蜂窝三角藻	<i>T. favus</i> Ehrenberg
美丽三角藻	<i>T. formosum</i> Brightwell
五角星三角藻	<i>T. pentacrinus</i> (Ehr.) Wallich
长耳盒形藻	<i>Biddulphia aurita</i> (Lyngb.) Brebisson et Godey
可疑盒形藻	<i>B. dubia</i> (Brightw.) Cleve
颗粒盒形藻	<i>B. granulata</i> Roper
格氏盒形藻	<i>B. gruendleri</i> A. Schmidt
异角盒形藻	<i>B. heteroceros</i> Grunow
平角盒形藻	<i>B. laevis</i> Ehrenberg
长角盒形藻	<i>B. longicurvis</i> Greville
活动盒形藻	<i>B. mobiliensis</i> (Bailey) Grunow
钝头盒形藻	<i>B. obtusa</i> (Kuetz.) Ralfs
美丽盒形藻	<i>B. pulchella</i> Gray
高盒形藻	<i>B. regia</i> (Schultze) Ostenfeld
网纹盒形藻	<i>B. reticulata</i> Roper
菱状盒形藻	<i>B. rhombus</i> (Ehr.) W. Smith
中华盒形藻	<i>B. sinensis</i> Greville
三齿盒形藻	<i>B. tridens</i> Ehrenberg [<i>B. Tuomeyi</i> (Bailey) Roper]
中国半管藻	<i>Hemiaulus chinensis</i> Greville
霍氏半管藻	<i>H. hauckii</i> Grunow
印度半管藻	<i>H. indicus</i> Karsten
薄壁半管藻	<i>H. membranaceus</i> Cleve
中华半管藻	<i>H. sinensis</i> Grunow
双凹梯形藻	<i>Climacodium biconcavum</i> Cleve
佛朗梯形藻	<i>C. frauenfeldianum</i> Grunow
长角弯角藻	<i>Eucampia cornuta</i> (Cleve) Grunow
短角弯角藻	<i>E. zoodiacus</i> Ehrenberg
印度扭鞘藻	<i>Streptothece indica</i> Karsten
扭鞘藻	<i>S. thamesis</i> Shrubsole
角毛藻科	CHAETOCERACEAE
异常角毛藻	<i>Chaetoceros abnormis</i> Proschkina-Lavrenko
均等角毛藻	<i>C. aequatoriale</i> Cleve
窄隙角毛藻	<i>C. affinis</i> Lauder
窄隙角毛藻绕链变种	<i>C. affinis v. circinalis</i> (Meunier) Hustedt
窄隙角毛藻等角变种	<i>C. affinis v. willei</i> (Gran) Hustedt
桥联角毛藻	<i>C. anastomosans</i> Grunow
大西洋角毛藻	<i>C. atlanticus</i> Cleve
大西洋角毛藻那不勒斯变种	<i>C. atlanticus v. neapolitana</i> (Schroeder) Hustedt
大西洋角毛藻骨条变种	<i>C. atlanticus v. skeleton</i> (Schuett) Hustedt
奥氏角毛藻	<i>C. aurivillii</i> Cleve [<i>C. seychellarum</i> Karsten]
北方角毛藻	<i>C. borealis</i> Bailey
短孢角毛藻	<i>C. brevis</i> Schuett

卡氏角毛藻	<i>C. castracanei</i> Karsten
绕孢角毛藻	<i>C. cinctus</i> Gran
密聚角毛藻	<i>C. coarctatus</i> Lauder
扁面角毛藻	<i>C. compressus</i> Lauder
缢缩角毛藻	<i>C. constrictus</i> Gran
扭角毛藻	<i>C. convolutus</i> Castracane
中肋角毛藻	<i>C. costatus</i> Pavillard
须状角毛藻	<i>C. crinitus</i> Schuett
旋链角毛藻	<i>C. curvisetus</i> Cleve
达氏角毛藻	<i>C. dadayi</i> Pavillard
丹麦角毛藻	<i>C. danicus</i> Cleve
柔弱角毛藻	<i>C. debilis</i> Cleve
并基角毛藻	<i>C. decipiens</i> Cleve
并基角毛藻单胞变型	<i>C. decipiens</i> f. <i>singularis</i> Gran
密连角毛藻	<i>C. densus</i> (Cleve) Cleve
齿角毛藻	<i>C. denticulatus</i> Lauder
双突角毛藻	<i>C. didymus</i> Ehrenberg
双突角毛藻英国变种	<i>C. didymus</i> v. <i>anglica</i> (Grun.) Gran
双突角毛藻隆起变种	<i>C. didymus</i> f. <i>protubernas</i> (Lauder) Gran et Yendo
二核样体角毛藻	<i>C. dipyrenops</i> Meunier
远距角毛藻	<i>C. distans</i> Cleve
异角角毛藻	<i>C. diversus</i> Cleve
爱氏角毛藻	<i>C. eibenii</i> Grunow
飞燕角毛藻	<i>C. hirundinellus</i> Qian
无沟角毛藻	<i>C. holsaticus</i> Schuett
里海角毛藻	<i>C. knipowitschi</i> Henckel
垂缘角毛藻	<i>C. laciniosus</i> Schuett
平滑角毛藻	<i>C. laevis</i> Leuduger-Fortmorel
罗氏角毛藻	<i>C. lauderi</i> Ralfs
洛氏角毛藻	<i>C. lorenzianus</i> Grunow
洛氏角毛藻低盐变种	<i>C. lorenzianus</i> f. <i>subsalinus</i> Proschkina-Lavrenko
短刺角毛藻	<i>C. messanensis</i> Castracane
高孢角毛藻	<i>C. mitra</i> (Bailey) Cleve
牟勒氏角毛藻	<i>C. muelleri</i> Lemmermann
日本角毛藻	<i>C. nipponica</i> Ikari
奇异角毛藻	<i>C. paradox</i> Cleve
海洋角毛藻	<i>C. pelagicus</i> Cleve
秘鲁角毛藻	<i>C. peruvianus</i> Brightwell
秘鲁角毛藻粗大变型	<i>C. peruvianus</i> f. <i>robusta</i> (Cleve) Husted
拟奥氏角毛藻	<i>C. pseudoaurivillii</i> Ikari
拟弯角毛藻	<i>C. pseudocurvisetus</i> Mangin
放射角毛藻	<i>C. radians</i> Schuett
根状角毛藻	<i>C. radicans</i> Schuett

嘴状角毛藻	<i>C. rostratus</i> Lauder
嘴状角毛藻格氏变型	<i>C. rostratus f. glandazii</i> (Mang.) Taylor
链刺角毛藻	<i>C. seiracanthus</i> Gran
刚毛角毛藻	<i>C. setoensis</i> Ikari
暹罗角毛藻	<i>C. siamense</i> Ostenfeld
相似角毛藻	<i>C. similis</i> Cleve
聚生角毛藻	<i>C. socialis</i> Lauder
冕孢角毛藻	<i>C. subsecundus</i> (Grun.) Hustedt
细弱角毛藻	<i>C. subtilis</i> Cleve
圆柱角毛藻	<i>C. teres</i> Cleve
长刺角毛藻	<i>C. tetrastichon</i> Cleve
扭链角毛藻	<i>C. tortissimus</i> Gran
范氏角毛藻	<i>C. vanheurcki</i> Gran
尖根管藻	<i>Rhizosolenia acuminata</i> (Perag.) Peragallo et Peragallo
翼根管藻	<i>R. alata</i> Brightwell
翼根管藻弯喙变型	<i>R. alata f. gracillima</i> (Cleve) Grunow
翼根管藻印度变型	<i>R. alata f. indica</i> (Perag.) Hustedt
伯氏根管藻	<i>R. bergenii</i> Peragallo
距端根管藻	<i>R. calcar-avis</i> Schultze
卡氏根管藻	<i>R. castracanei</i> Peragallo
克氏根管藻	<i>R. cleivei</i> Ostenfeld
粗刺根管藻	<i>R. crassispina</i> Schroeder
圆柱根管藻	<i>R. cylindrus</i> Cleve
柔弱根管藻	<i>R. delicatula</i> Cleve
脆根管藻	<i>R. fragilissima</i> Bergon
钝棘根管藻半刺变型	<i>R. hebetata</i> Bailey
覆瓦根管藻	<i>R. imbricata</i> Brightwell
粗根管藻	<i>R. robusta</i> Norman ex Ralfs
刚毛根管藻	<i>R. setigera</i> Brightwell
中华根管藻	<i>R. sinensis</i> Qian
斯氏根管藻	<i>R. stolterforthii</i> Peragallo
笔尖形根管藻	<i>R. styliformis</i> Brightwell
笔尖形根管藻长棘变种	<i>R. styliformis v. longispina</i> Hustedt
翼革形藻	<i>Amphiprora alata</i> (Ehr.) Kuetzing
沼泽革形藻透明变种	<i>A. paludosa v. hyalina</i> (Eulenst.) Cleve
鳞翅龙骨藻	<i>Tropidoneis lepidoptera</i> (Greg.) Cleve
大龙骨藻中华变种	<i>T. maxima v. sinensis</i> Skvortzow
近缘斜纹藻	<i>Pleurosigma affine</i> Grunow
宽角斜纹藻	<i>P. angulatum</i> (Quekett) W. Smith
宽角斜纹藻方形变种	<i>P. angulatum v. quadratum</i> (W. Smith) Van Heurck
柔弱斜纹藻	<i>P. delicatulum</i> W. Smith
小斜纹藻	<i>P. diminutum</i> Grunow
异纹斜纹藻	<i>P. diverse-striatum</i> Heister

长斜纹藻	<i>P. elongatum</i> W. Smith
长斜纹藻中华变种	<i>P. elongatum v. sinica</i> Skvortzow
镰刀斜纹藻	<i>P. falx</i> Mann
美丽斜纹藻	<i>P. formosum</i> W. Smith
中型斜纹藻	<i>P. intermedium</i> W. Smith
微小斜纹藻	<i>P. minutum</i> Grunow
诺马斜纹藻	<i>P. normanii</i> Ralfs
海洋斜纹藻	<i>P. pelagicum</i> (Perag.) Cleve
盐生斜纹藻	<i>P. salinarum</i> Grunow
灿烂斜纹藻	<i>P. speciosum</i> W. Smith
尖布纹藻	<i>Gyrosigma acuminatum</i> (Kuetz.) Rabenhorst
波罗的海布纹藻	<i>G. balticum</i> (Ehr.) Rabenhorst
波罗的海布纹藻中华变型	<i>G. balticum v. sinensis</i> (Ehr.) Cleve
簇生布纹藻弧形变种	<i>G. fasciola v. arcuata</i> (Donkin) Cleve
斯氏布纹藻	<i>G. spencerii</i> (W. Smith) Griffith et Henfrey
粗毛布纹藻	<i>G. strigilis</i> (W. Smith) Griffith et Henfrey
粗毛布纹藻偏缝变种	<i>G. strigilis v. excentriraphe</i> Chin et Liu
细尖胸隔藻	<i>Mastogloia apiculata</i> W. Smith
双标胸隔藻	<i>M. binotata</i> (Grun.) Cleve
柑桔胸隔藻	<i>M. citrus</i> (Cleve) De Toni
异胸隔藻	<i>M. dissimilis</i> Hustedt
可疑胸隔藻	<i>M. dubitabilis</i> Meister
椭圆胸隔藻丹氏变种	<i>M. elliptica v. dansei</i> (Thwaites) Cleve
睫毛胸隔藻	<i>M. fimbriata</i> (Brightw.) Cleve
模仿胸隔藻	<i>M. imitatrix</i> Mann
辽东胸隔藻	<i>M. liaotungensis</i> Voigt
地中海胸隔藻椭圆变种	<i>M. mediterranea v. ellilptica</i> Voigt
鱼形胸隔藻	<i>M. pisciculus</i> Cleve
矮小胸隔藻	<i>M. pumila</i> (Cleve et Moeller) Cleve
史氏胸隔藻	<i>M. smithii</i> Thwaites et W. Smith
夏季双壁藻	<i>Diploneis aestiva</i> (Donkin) Cleve
蜂腰双壁藻	<i>D. bombus</i> Ehrenberg
查尔双壁藻	<i>D. chersonensis</i> (Grun.) Cleve
黄蜂双壁藻	<i>D. crabro</i> (Ehr.) Ehrenberg
黄蜂双壁藻琴形变型	<i>D. crabro f. pandura</i> (Breb.) Cleve
黄蜂双壁藻可疑变种	<i>D. crabro v. suspecta</i> (A. Schmidt) Husted
淡褐双壁藻	<i>D. fusca</i> (Greg.) Cleve
格雷氏双壁藻	<i>D. gruendleri</i> (A. Schmidt) Cleve
线条双壁藻	<i>D. lineata</i> (Donkin) Cleve
光亮双壁藻	<i>D. nitescens</i> (Gregory) Cleve
施氏双壁藻	<i>D. schmidtii</i> Cleve
细齿双壁藻	<i>D. serratula</i> (Grun.) Hustedt
史氏双壁藻	<i>D. smithii</i> (Breb.) Cleve

史氏双壁藻扩大变种	<i>D. smithii v. dilatata</i> (M. Per.) Terry
华丽双壁藻	<i>D. splendida</i> (Greg.) Cleve
近圆双壁藻	<i>D. suborbicularis</i> (Greg.) Cleve
威氏双壁藻	<i>D. weissflogii</i> (A. Schmidt) Cleve
长形美壁藻	<i>Caloneis elongata</i> (Grun.) Boyer
美丽美壁藻	<i>C. formosa</i> (Greg.) Cleve
离生美壁藻	<i>C. liber</i> (W. Smith) Cleve
线形美壁藻	<i>C. linearis</i> (Grun.) Boyer
大美壁藻	<i>C. permagna</i> (Bailey) Cleve
缢缩辐节藻	<i>Stauroneis constricta</i> Ehrenberg
透明辐节藻东方变种	<i>S. pellucida v. orientalis</i> Skvortzow
安蒂粗纹藻	<i>Trachyneis antillarum</i> (Cleve et Grun.) Cleve
粗纹藻	<i>T. aspera</i> (Ehr.) Ehrenberg
粗纹藻有角变种	<i>T. aspera v. angusta</i> Cleve
粗纹藻长椭圆变种	<i>T. aspera v. oblonga</i> (Bailey) Cleve
粗纹藻东方变种	<i>T. aspera v. orientalis</i> Skvortzow
粗纹藻伸长变种	<i>T. aspera v. producta</i> Chin et Cheng
粗纹藻美丽变种	<i>T. aspera v. pulchella</i> (A. Schmidt) Cleve
粗纹藻不活动变种	<i>T. aspera v. residua</i> (A. Schmidt) Cleve
粗纹藻单边变种	<i>T. aspera v. unilatera</i> Chin et Cheng
粗纹藻普通变种	<i>T. aspera v. vulgaris</i> Cleve
橄榄粗纹藻	<i>T. olivaeformis</i> Chin et Cheng
帆状粗纹藻	<i>T. velata</i> (A. Schmith) Cleve
帆状粗纹藻长椭圆变种	<i>T. velata v. oblonga</i> Chin et Cheng
方格舟形藻	<i>Navicula cancellata</i> Donkin
龙骨舟形藻	<i>N. carinifera</i> Grunow
系带舟形藻	<i>N. cincta</i> (Ehr.) Ralfs
十字舟形藻东方变种	<i>N. crucicula v. orientalis</i> Skvortzow
直舟形藻	<i>N. directa</i> (W. Smith) Ralfs
钳状舟形藻	<i>N. forcipata</i> Greville
颗粒舟形藻	<i>N. granulata</i> Bailey
海氏舟形藻云状变种	<i>N. hennedyi v. nebulosa</i> (Greg.) Cleve
辽东舟形藻	<i>N. liaotungiensis</i> Skvortzow
长舟形藻	<i>N. longa</i> (Greg.) Ralfs
琴状舟形藻	<i>N. lyra</i> Ehrenberg
琴状舟形藻膨胀变种	<i>N. lyra v. dilatata</i> A. Schmidt
琴状舟形藻劲直变种	<i>N. lyra v. recta</i> Greville
似琴状舟形藻	<i>N. lyroides</i> Hendey
点状舟形藻	<i>N. maculata</i> (Bailey) Edwards
海洋舟形藻	<i>N. marina</i> Ralfs
膜状舟形藻	<i>N. membranacea</i> Cleve
潘土舟形藻	<i>N. pantocsekiana</i> De Toni
交织舟形藻	<i>N. praetexta</i> Ehrenberg

多枝舟形藻	<i>N. ramosissima</i> (Ag.) Cleve
美丽舟形藻	<i>N. spectabilis</i> Gregory
滔拉舟形藻	<i>N. toulaeae</i> Pantocsek
吐丝舟形楔形变种	<i>N. tuscula</i> v. <i>cuneata</i> Cleve-Euler
带状舟形藻	<i>N. zostereti</i> Grunow
桥弯藻科	CYMBELLACEAE
狭窄双眉藻	<i>Amphora angusta</i> Gregory
狭窄双眉藻中国变种	<i>A. angusta</i> v. <i>chinensis</i> Skvortzow
狭窄双眉藻分离变种	<i>A. angusta</i> v. <i>diducta</i> (A. Schmidt) Cleve
双凸双眉藻	<i>A. bigibba</i> Grunow
咖啡形双眉藻	<i>A. coffeaeformis</i> (Ag.) Kuetzing
变异双眉藻	<i>A. commutata</i> Grunow
中肋双眉藻	<i>A. costata</i> W. Smith
叉纹双眉藻	<i>A. decussata</i> Grunow
简单双眉藻	<i>A. exigua</i> Gregory
海洋双眉藻	<i>A. marina</i> Van Heurck
易变双眉藻	<i>A. proteus</i> Gregory
菱面双眉藻	<i>A. rhombica</i> Kittom
菱面双眉藻中华变种	<i>A. rhombica</i> v. <i>sinica</i> Skvortzow
截端双眉藻	<i>A. terroris</i> Ehrenberg
等片藻目	DIATOMALES
等片藻科	DIATOMACEAE
日本星杆藻	<i>Asterionella japonica</i> Cleve
加拉星杆藻	<i>A. kariana</i> Grunow
标志星杆藻	<i>A. notata</i> (Grun.) Grunow
伏氏海毛藻	<i>Thalassiothrix frauenfeldii</i> (Grun.) Grunow
长海毛藻	<i>T. longissima</i> Cleve et Grunow
菱形海线藻	<i>T. nitzschiooides</i> (Grun.) Van Heurck
双角缝舟藻	<i>Rhaphoneis amphiceros</i> (Ehr.) Ehrenberg
比利时缝舟藻	<i>R. belgica</i> (Grun.) Grunow
双菱缝舟藻澳洲变种	<i>R. surirella</i> v. <i>australis</i> (Petit) Grunow
条纹脆杆藻	<i>Fragilaria striatula</i> Lyngbye
美丽斜斑藻	<i>Plagiogramma pulchellum</i> Greville
透明针杆藻	<i>Synedra crystallina</i> (Ag.) Kuetzing
光辉针杆藻	<i>S. fulgens</i> (Grev.) W. Smith
伽氏针杆藻	<i>S. gaillonii</i> (Bory) Ehrenberg
平片针杆藻	<i>S. tabulata</i> (Ag.) Kuetzing
平片针杆藻小形变种	<i>S. tabulata</i> v. <i>parva</i> (Kuetz.) Hustedt
肘状针杆藻	<i>S. ulna</i> (Nitz.) Ehrenberg
海生斑条藻	<i>Grammatophora marina</i> (Lyngb.) Kuetzing
波状斑条藻	<i>G. undulata</i> Ehrenberg
波状斑条藻日本变种	<i>G. undulata</i> v. <i>japonica</i> Grunow
短纹楔形藻	<i>Licmophora abbreviata</i> Agardh

加利福尼亚楔形藻	<i>L. californica</i> Grunow
细弱楔形藻	<i>L. tenuis</i> (Kuetz.) Grunow
单点条纹藻	<i>Striatella unipunctata</i> (Lyngb.) Agardh
亚得里亚海杆线藻	<i>Rhabdonema adriaticum</i> Kuetzing
盘裂卵形藻	<i>Coccconeis dirupta</i> Gregory
扁圆卵形藻椭圆变种	<i>C. placentula</i> v. <i>euglypta</i> (Ehr.) Cleve
假边卵形藻	<i>C. pseudomarginata</i> Gregory
假边卵形藻美丽变种	<i>C. pseudomarginata</i> v. <i>formosa</i> Skvortzow
假边卵形藻中型变种	<i>C. pseudomarginata</i> v. <i>intermedia</i> Grunow
盾卵形藻	<i>C. scutellum</i> Ehrenberg
盾卵形藻日本变种	<i>C. scutellum</i> v. <i>japonica</i> (A. Schmidt) Skvortzow
盾卵形藻小型变种	<i>C. scutellum</i> v. <i>parva</i> (Grun.) Cleve
短柄曲壳藻	<i>Achnanthes brevipes</i> Agardh
短柄曲壳藻变狭变种	<i>A. brevipes</i> v. <i>angustata</i> (Grev.) Cleve [<i>A. angustata</i> Greville]
短柄曲壳藻中间变种	<i>A. brevipes</i> v. <i>intermedia</i> (Kuetz.) Cleve
短柄曲壳藻刘氏变种	<i>A. brevipes</i> v. <i>leudugeri</i> (Temp. et Brun) Cleve
短柄曲壳藻小型变种	<i>A. brevipes</i> v. <i>parvula</i> (Kuetz.) Cleve
爪哇曲壳藻	<i>A. javanica</i> Grunow
爪哇曲壳藻亚缩变种	<i>A. javanica</i> v. <i>subconstricta</i> Meister
爪哇曲壳藻十字节变种	<i>A. javanica</i> v. <i>tenuistauros</i> (Mann) Meister
长柄曲壳藻	<i>A. longipes</i> Agardh
东方曲壳藻	<i>A. orientalis</i> Petit
褐指藻目	PHAEODACTYLALES
褐指藻科	PHAEODACTYLACEAE
三角褐指藻	<i>Phaeodactylum tricornutum</i> Bohlin
双菱藻目	SURIRELLALES
窗纹藻科	EPITHEMIACEAE
驼峰棒杆藻	<i>Rhopalodia gibberula</i> (Ehr.) O. Mueller
新月筒柱藻	<i>Cylindrotheca closterium</i> (Ehr.) Reimann et Lewin
有棱菱形藻	<i>Nitzschia angularis</i> W. Smith
尖菱形藻辽东变种	<i>N. apiculata</i> v. <i>liaotungiensis</i> Skvortzow
卵形菱形藻	<i>N. coccconeiformis</i> Grunow
柔弱菱形藻	<i>N. delicatissima</i> Cleve
二裂菱形藻	<i>N. didyma</i> Liu et Chin
流水菱形藻	<i>N. fluminensis</i> Grunow
哈氏菱形藻	<i>N. habirshawii</i> H. L. Smith
匈牙利菱形藻	<i>N. hungarica</i> Grunow
海滩菱形藻	<i>N. littoralis</i> Grunow
长菱形藻	<i>N. longissima</i> (Breb.) Grunow
长菱形藻弯端变种	<i>N. longissima</i> v. <i>reversa</i> Grunow
洛氏菱形藻	<i>N. lorenziana</i> Grunow
洛氏菱形藻密条变种	<i>N. lorenziana</i> v. <i>densestriata</i> (Perag. et Perag.) Hustedt

边缘菱形藻亚缩变种	<i>N. marginulata</i> v. <i>subconstricta</i> Grunow
钝头菱形藻	<i>N. obtusa</i> W. Smith
钝头菱形藻刀形变种	<i>N. obtusa</i> v. <i>scalpelliformis</i> Grunow
琴式菱形藻	<i>N. panduriformis</i> Gregory
琴式菱形藻微小变种	<i>N. panduriformis</i> v. <i>minor</i> Grunow
具点菱形藻	<i>N. punctata</i> (W. Smith) Grunow
具点菱形藻密聚变种	<i>N. punctata</i> v. <i>coarctata</i> Grunow
尖刺菱形藻	<i>N. pungens</i> Grunow
尖刺菱形藻大西洋变种	<i>N. pungens</i> v. <i>atlantica</i> Cleve
成列菱形藻	<i>N. seriata</i> Cleve
弯菱形藻	<i>N. sigma</i> (Kuetz.) W. Smith
弯菱形藻中型变种	<i>N. sigma</i> v. <i>intercedens</i> Grunow
聚生菱形藻	<i>N. socialis</i> Gregory
匙形菱形藻	<i>N. spathulata</i> Brebisson
纤细菱形藻	<i>N. subtilis</i> Grunow
盘形菱形藻亚盐变种缢缩变型	<i>N. tryblionella</i> v. <i>subsalina</i> f. <i>subconstricta</i> Hustedt
内弯拟菱形藻	<i>Nitzschia incurva</i> (Grun.) Peragallo
长拟菱形藻	<i>N. longissima</i> (Breb.) Rabenhorst
奇异棍形藻	<i>Bacillaria paradoxa</i> Gmelin [<i>Nitzschia paradoxa</i> (Gmel.) Grunow]
优美伪形菱形藻	<i>Pseudonitzschia delicatissima</i> (Cleve) Heiden
小伪菱形藻双楔变种	<i>P. sicula</i> v. <i>bicuneata</i> (Grun.) Hasle
双菱藻科	SURIRELLACEAE
佛焰足囊藻	<i>Podocystis spathulata</i> (Shadbolt) Van Heurck
卵形褶盘藻	<i>Tryblioptychus coccineiformis</i> (Cleve) Hendey
阿拉伯双菱藻	<i>Surirella arabica</i> Grunow
华壮双菱藻	<i>S. fastuosa</i> Ehrenberg
华壮双菱藻近圆变种	<i>S. fastuosa</i> v. <i>suborbicularis</i> (Grun.) Peragallo et Peragallo
华壮双菱藻楔形变种	<i>S. fastuosa</i> v. <i>cuneata</i> (A. S.) Witt
华壮双菱藻近端变种	<i>S. fastuosa</i> v. <i>recens</i> (A. S.) Cleve
流水双菱藻	<i>S. fluminensis</i> Grunow
芽形双菱藻	<i>S. gemma</i> Ehrenberg
辽东双菱藻	<i>S. liaotungiensis</i> Skvortzow
辽东双菱藻小型变种	<i>S. liaotungiensis</i> v. <i>minuta</i> Skvortzow
沃氏双菱藻	<i>S. voigtii</i> Skvortzow
不定马鞍藻	<i>Campylodiscus incertus</i> A. Schmidt
中型马鞍藻	<i>C. intermedius</i> Grunow
金藻门	CHRYSOROPHYTA
小等刺硅鞭藻	<i>Dictyocha fibula</i> Ehrenberg
隐藻门	CRYPTOPHYTA
隐藻纲	CRYPTOPHYCEAE
隐鞭藻目	CRYPTOMONADALES

隐鞭藻科	CRYPTOMONADACEAE
波罗的海隐藻	<i>Cryptomonas baltica</i> (Karsten) Butcher. [<i>Rhodomonas baltica</i>]
黄藻门	XANTHOPHYTA
黄藻门	XANTHOPHYCEAE
柄球藻目	MISCHOCOCCALES [HETEROCCOCALLES]
海球藻科	HALOSPHAERACEAE
绿海球藻	<i>Halosphaera viridis</i> Schmitz
异鞭藻目	HETEROCHLORIDALES
赤潮异弯藻	<i>Heterosigma akashiwo</i> (Hada) Hada
甲藻门	PYRROPHYTA
纵裂甲藻纲	DESMOPHYCEAE
原甲藻目	PROROCENTRATES
原甲藻科	PROROCENTRACEAE
夜光藻	<i>Noctiluca scintillans</i> (Macartney) Kofoid et Swezy
鳍藻科	DINOPHYSIACEAE
渐尖鳍藻	<i>Dinophysis acuminata</i> Clap. et Lach.
具尾鳍藻	<i>D. caudata</i> Saville-Kent
倒卵形鳍藻	<i>D. fortii</i> Pavillard
科氏角藻	<i>Ceratium kofoidii</i> Jorgensen
腊台角藻	<i>C. candelabrum</i> (Ehr.) Stein
叉角藻	<i>C. furca</i> (Ehr.) Claparede et Lachmann
线形角藻	<i>C. lineatum</i> (Ehr.) Clvev
纺锤角藻	<i>C. fusus</i> (Ehr.) Dujardin
纺锤角藻舒氏变种	<i>C. fusus</i> v. <i>schuttii</i> Lemm
膨角藻	<i>C. inflatum</i> (Kofoid) Jorgensen [<i>C. pennatum</i>]
相反角藻	<i>C. contrarium</i> (Gourret) Pavillard [<i>C. inflexum</i>]
偏转角藻	<i>C. deflexum</i> (Kofoid) Jorgensen
柔软角藻	<i>C. molle</i> Kofoid
粗刺角藻	<i>C. horridum</i> (Cleve) Gran [<i>C. intermedium</i>]
大角角藻	<i>C. macroceros</i> (Ehr.) Cleve
大角角藻窄变种	<i>C. macroceros</i> v. <i>gallicum</i> (Kofoid) Jorgensen
马西里亚角藻	<i>C. massiliense</i> (Gourret) Karsten
三叉角藻	<i>C. trichoceros</i> (Ehr.) Kofoid
短角角藻	<i>C. breve</i> (Ost. et Schmidt) Schroder
凹腹角藻	<i>C. schmidti</i> Jorgensen
偏斜角藻	<i>C. declinatum</i> Karsten
驼背角藻	<i>C. gibberum</i> Gourret
驼背角藻异角变种	<i>C. gibberum</i> v. <i>dispar</i> (Pouchet) Sournia
新月角藻	<i>C. lunula</i> Schimper
美丽角藻	<i>C. pulchellum</i> B. Schroder
三角角藻	<i>C. tripos</i> (O. F. Muller) Nitzsch.
三角角藻大西洋变种	<i>C. tripos</i> v. <i>atlanticum</i> (Ost.) Paulsen
三角角藻广盐变种	<i>C. tripos</i> v. <i>subsalsum</i> Ostenfeld

弯项角藻	<i>C. longipes</i> (Bailey) Gran
长刺角甲藻	<i>Ceratocorys horrida</i> Stein
双刺膝沟藻	<i>Gonyaulax diegensis</i> Kofoid
粗刺膝沟藻	<i>G. digitale</i> (Pouchet) Kofoid
底刺膝沟藻	<i>G. spinifera</i> (Claparede et Lachmann) Diesing
微小盾翼藻	<i>Diplopeltopsis minor</i> (Paulsen) Pavillard [<i>Zygapikodinium lenticulatum</i>]
圆拟多甲藻	<i>Peridiniopsis rotunda</i> Lebour
阿氏多甲藻	<i>Peridinium abei</i> Paulsen
微小多甲藻	<i>P. minutum</i> Kofoid
偏心多甲藻	<i>P. excentricum</i> Paulsen
光面多甲藻	<i>P. nux</i> Schiller
锥形多甲藻	<i>P. conicum</i> (Gran) Ostenfeld et Schmidt
宽阔多甲藻	<i>P. latissimum</i> Kofoid
里昂多甲藻	<i>P. leonis</i> Pavillard
赛裸多甲藻	<i>P. subinerme</i> Paulsen
点刺多甲藻	<i>P. punctulatum</i> Paulsen
方格多甲藻	<i>P. thorianum</i> Paulsen
雷氏多甲藻	<i>P. marielebourae</i> Paulsen
五角多甲藻	<i>P. pentagonum</i> Gran
缺陷多甲藻	<i>P. deficiens</i> Meunier
假裸多甲藻	<i>P. parainerme</i> Nie et Wang
马氏多甲藻	<i>P. matsenaueri</i> Gaarder
青岛多甲藻	<i>P. tsingtaoensis</i> Nie et Wang
矮胖多甲藻	<i>P. humile</i> Schiller
不称多甲藻	<i>P. asymmetricum</i> Karsten
厚甲多甲藻	<i>P. crassipes</i> Kofoid
叉分多甲藻	<i>P. divergens</i> Ehrenberg
优美多甲藻	<i>P. elegans</i> Cleve
大多甲藻	<i>P. grande</i> Kofoid
实脚多甲藻	<i>P. solidicorne</i> Mangin
球形多甲藻	<i>P. globulus</i> Stein [<i>P. sphaericum</i>]
亚梨形多甲藻	<i>P. subpyriforme</i> P. Dangeard [<i>P. globulus</i> v. <i>quarerense</i>]
扁平多甲藻	<i>P. depressum</i> Bailey
海洋多甲藻	<i>P. oceanicum</i> Vanhoffen
窄脚多甲藻	<i>P. claudicans</i> Paulsen
灵巧多甲藻	<i>P. vanustum</i> Matzenauer
卵形多甲藻	<i>P. ovum</i> Schiller [<i>P. rectum</i>]
光甲多甲藻	<i>P. pallidum</i> Ostenfeld
灰甲多甲藻	<i>P. pellucidum</i> (Bergh) Schutt
拟五角多甲藻	<i>P. parapentagonum</i> Wang
纺锤梨甲藻	<i>Pyrocystis fusiformis</i> Murray
浅弧梨甲藻	<i>P. gerbautii</i> Pavillard [<i>Dissodinium gerbautii</i>]

钝形梨甲藻	<i>P. obtusa</i> Pavillard
拟夜光梨甲藻	<i>P. pseudonoctiluca</i> Murray
钟扁甲藻斯氏变种	<i>Pyrophacus horologicum</i> v. <i>steinii</i> Schiller
贪食纤口虫	<i>Chaenera vorax</i> Quennerstedt
海洋长吻虫	<i>Lacrymaria marina</i> Kahl
拟天鹅漫游虫	<i>Litonotus paracygnus</i> Song
尹氏漫游虫	<i>L. yinae</i> Song
啄突斜叶虫	<i>L. rostratum</i> Cohn
海洋伪斜管虫	<i>Pseudochilonopsis marina</i> Song
弯曲隐毛虫	<i>Cryptochilidium sigmoides</i> Yagiu
三角内扁虫	<i>Entorhpidium triangularis</i> Poljansky
北方内盘虫	<i>Entodiscus borealis</i> (Hentschel)
弗氏内盘虫	<i>E. fukuii</i> (Uyemura)
印度内盘虫	<i>E. indomitus</i> Madsen
细小内盘虫	<i>E. minor</i> (Ygaiu)
旋毛蟹栖拟阿脑虫	<i>Paranophrys carcinispiralis</i> Zhou et al.
贪食拟阿脑虫	<i>P. carnivora</i> Czapik et Wilbert
费吉亚拟尾毛虫	<i>Parauronema virginianum</i> Thompson
双核平腹虫	<i>Homalogastra binucleata</i> Song
柠檬膜袋虫	<i>Cyclidium citrullus</i> Cohn
尾崎膜袋虫	<i>C. ozakii</i> Yagiu
瑞氏康纤虫	<i>Cohnilembus reesi</i> Kahl
碟形钟虫	<i>Vorticella patellina</i> Muller
海生钟虫	<i>V. marina</i> Greef
条纹钟虫	<i>V. striata</i> Dujardin
星云钟虫	<i>V. nebulifera</i> Muller
弯钟虫	<i>V. hamata</i> Ehrenberg
袋形钟虫	<i>V. utriculus</i> Stokes
拱形钟虫	<i>V. fornicata</i> Dons
圆锥钟虫	<i>V. cylindrica</i> Dons
盘肠蚤钟虫	<i>V. chydroridicola</i> Sramek-Husek
美丽钟虫	<i>V. pulchella</i> Sommer
拟钩虾聚缩虫	<i>Zoothamnium paragammari</i> Song
对虾聚缩虫	<i>Z. penaei</i> Song
拟恩茨聚缩虫	<i>Z. paraentzii</i> Song
双缘聚缩虫	<i>Z. duplicatum</i> Kahl
坚实聚缩虫	<i>Z. rigidum</i> Precht
杯形聚缩虫	<i>Z. cupiferum</i> Song
巨大聚缩虫	<i>Z. maximum</i> Song
嗜硫聚缩虫	<i>Z. thiophilum</i> Stiller
中国聚缩虫	<i>Z. sinensis</i> Song
居间聚缩虫	<i>Z. intermedium</i> Precht
哈氏聚缩虫	<i>Z. hadzii</i> Stiller

钩虾聚缩虫	<i>Z. gammari</i> Dietz
近缘聚缩虫	<i>Z. affine</i> Stein
群栖聚肌虫	<i>Z. commune</i> Kahl
相似裂肌虫	<i>Myoschiston simile</i> Song
栉水虱拟单缩虫	<i>Pseudocarchesium aselli</i> (Engel.)
栉水虱间隙虫	<i>Intranstylum asellicola</i> Kahl
居间间隙虫	<i>I. intermedium</i> Song
樽形短柱虫	<i>Rhabdostyla scyphoides</i> Song
上村累枝虫	<i>Epistylis uyemurai</i> Song
长累枝虫	<i>E. elongata</i> Stokes
猛水蚤累枝虫	<i>E. harpacticola</i> Kahl
蟹栖累枝虫	<i>E. carcinii</i> Precht
尖头累枝虫	<i>E. acuminata</i> Song
栉水虱累枝虫	<i>E. aselli</i> Stiller
钵居靴纤虫	<i>Cothurnia ceramicola</i> Kahl
杯形靴纤虫	<i>C. calix</i> Kahl
海洋透明鞘居虫	<i>Vaginicola crystallina marina</i> Song
海马丽克虫	<i>Licnophora hippocampi</i> Meng et Yu
大突口虫	<i>Condyllostoma magnum</i> (Spiegel)
拟球形侠盗虫	<i>Strobilidium paraglobosum</i> Song et Packroff
棒形侠盗虫	<i>S. clavellinae</i> Buddenbrock
棘尾侠盗虫	<i>S. styliferum</i> Levander
珠脊侠盗虫	<i>S. raplum</i> Yagi
诺氏薄铃虫	<i>Leprotintinnus nordqvisti</i> (Brandt)
尖底拟铃虫	<i>Tintinnopsis acuminata</i> (Daday)
尖顶拟铃虫	<i>T. aperta</i> Brandt
狭囊拟铃虫	<i>T. angusta</i> Meunier
百乐拟铃虫	<i>T. beroidea</i> Stein
勃拉西里拟铃虫	<i>T. brasiliensis</i> Kofoid et Campbell
短颈拟铃虫	<i>T. brevicollis</i> Hada
清蓝拟铃虫	<i>T. chinglanensis</i> Nie et Cheng
具壳拟铃虫	<i>T. cochleata</i> (Brandt)
压缩拟铃虫	<i>T. compressa</i> (Daday)
指状拟铃虫	<i>T. digita</i> Nie et Cheng
直颈拟铃虫	<i>T. directa</i> Hada
细弱拟拟铃虫	<i>T. gracilis</i> Kofoid et Campbell
半旋拟铃虫	<i>T. hemispiralis</i> Yin
膨形拟铃虫	<i>T. inflata</i> Nie
日本拟铃虫	<i>T. japonica</i> Hada
卡拉直克拟铃虫	<i>T. karajacensis</i> Brandt
胶州拟铃虫	<i>T. kiaochowensis</i> Ying
罗氏拟铃虫	<i>T. lohmanni</i> (Jorgensen)
梅氏拟铃虫	<i>T. mayeri</i> Daday

苍白拟铃虫	<i>T. pallida</i> (Brandt)
根状拟铃虫	<i>T. radix</i> (Imhof)
圆锥拟铃虫	<i>T. rapa</i> Meunier
青岛拟铃虫	<i>T. tsingtaoensis</i> Yin
妥肯丁拟铃虫	<i>T. tocantinensis</i> Kofoid et Campbell
领孔细壳虫	<i>Stenosemella epunctata</i> Wang
太平洋细壳虫	<i>S. pacifica</i> Kofoid et Campbell
小领细壳虫	<i>S. parvicollis</i> (Marshall)
运动类铃虫	<i>Codonellopsis mobilis</i> Wang
渤海类铃虫	<i>C. pehaiensis</i> Wang
长形旋口虫	<i>Helicostomella longa</i> (Brandt)
拱形网纹虫	<i>Favella arcuata</i> (Brandt)
钟形网纹虫	<i>F.companula</i> (Schmidt)
圆柱网纹虫	<i>F. cylindrica</i> Wang
巴拿马网纹虫	<i>F. panamensis</i> Kofoid et Campbell
细长拟网纹虫	<i>Parafavella elongata</i> Wang
三亚类杯虫	<i>Metacylis sanyahensis</i> Nie et Cheng
伯氏瓮状虫	<i>Amphorella brandti</i> (Jorgensen)
尖底类瓮虫	<i>Amphorellopsis acuta</i> (Schmidt)
薄壳真铃虫	<i>Eutintinus tenuis</i> Kofoid et Campbell
紧缩全列虫	<i>Holosticha diademata</i> (Rees)
拉氏全列虫	<i>H. lacazei</i> Maupas
跳跃尖毛虫	<i>Oxytricha saltans</i> (Cohn)
盾圆双眉虫	<i>Diophrys scutum</i> (Dujardin)
寡毛双眉虫	<i>D. oligothrix</i> Borror
悬浮双眉虫	<i>D. appendiculata</i> (Ehrenberg)
扇形游仆虫	<i>Euplates vanus</i> (Muller)
稀毛游仆虫	<i>E. rariseta</i> Curds et al.
拟温生游仆虫	<i>E. charonopsis</i> Song et Packroff
胖尾刺虫	<i>Uronychia transfuga</i>
钩状尾刺虫	<i>U. uncinata</i> Kahl
双页尾刺虫	<i>U. bivalvorum</i> Fenchel
巨形盾纤虫	<i>Aspidisca magna</i> Kahl
瘦小盾纤虫	<i>A. leptaspis</i> Fresenius
薄明砂球虫	<i>Psammosphaera fusca</i> Schulze
不对称砂瓶虫	<i>Lagenammina asymmetrica</i> Stschedrina
大西洋砂瓶虫	<i>L. atlantica</i> Cushman
流散砂瓶虫	<i>L. diffugiformis</i> Brady
长颈砂瓶虫	<i>L. longicollis</i> Zheng
假流散砂瓶虫	<i>L. pseudodiffugiformis</i> Stschedrina
大西洋小原虫	<i>Proteonella atlantica</i> Cushman [46]
不对称小原虫	<i>P. asymmetrica</i> Stschedrina [45]
假流散小原虫	<i>P. pseudodiffugiformis</i> Stschedrina [50]

大西洋袋砂虫	<i>Saccammina atlantica</i> (Cushman)
黄海袋砂虫	<i>S. huanghaiensis</i> Zheng
小袋砂虫	<i>S. minuta</i> Zheng
球袋砂虫	<i>S. sphaerica</i> Brady
布雷迪砂半球虫	<i>Hemisphaeramma bradyi</i> Loebich et Tappan
银砂虫	<i>Ammodiscus argenteus</i> Zheng
结节球旋虫	<i>Glomospira gordialis</i> (Jones et Parker)
钙砂硅曲形虫	<i>Silicosigmoilina calcareoarenacea</i> Stschedrina
象牙结虫	<i>Nodulina dentaliniformis</i> (Brady)
异地串房虫	<i>Reophax advenus</i> Cushman
胶结串房虫	<i>R. agglutinatus</i> Cushman
双室串房虫	<i>R. bilocularis</i> Flint
布雷迪串房虫	<i>R. bradyi</i> Bronnimann et Whittaker
共串房虫	<i>R. communis</i> Lacroix
短串房虫	<i>R. curtus</i> Cushman
象牙串房虫	<i>R. dentaliniformis</i> Brady
扁串房虫	<i>R. depressus</i> Natland
离心串房虫	<i>R. excentricus</i> Cushman
滨海串房虫	<i>R. littoralis</i> Lacroix
长颈串房虫	<i>R. longicollaris</i> Zheng
云母串房虫	<i>R. micaceous</i> Earland
东方串房虫	<i>R. orientalis</i> Zheng
少室串房虫	<i>R. pauciloculatus</i> (Rhumbler)
贫室串房虫	<i>R. paucus</i> Hada
规则串房虫	<i>R. regularis</i> Hoglund
嘴串房虫	<i>R. rostratus</i> Hoglund
蝎串房虫	<i>R. scorpiurus</i> Montfort
亚纺锤串房虫	<i>R. subfusiformis</i> Earland
大埔串房虫	<i>R. tappuensis</i> Asano
北极楔虫	<i>Cuneata arctica</i> (Brady)
假加那利拟筛口虫	<i>Cribrostomoides pseudocanariensis</i> Zheng
强壮拟筛口虫	<i>C. robusta</i> (Cushman et McCulloch)
韦氏拟筛口虫	<i>Cribrostomoides wiesneri</i> (Parr) [355]
摊扁拟单栏虫	<i>Haplophragmoides applanata</i> Wang, Min, et Bian
加那利拟单栏虫	<i>H. canariensis</i> (d'Orbigny)
瘦拟单栏虫	<i>H. emaciatum</i> (Brady)
膜拟单栏虫	<i>H. membranaceum</i> Hoglund
田野砂梯虫	<i>Ammoscalaria agrestis</i> (Cushman et Applin)
假旋砂梯虫	<i>A. pseudospiralis</i> (Williamson)
美国华美砂虫	<i>Glaphyrammina americanus</i> (Cushman)
胶结砂杆虫	<i>Ammobaculites agglutinans</i> (d'Orbigny)
链砂杆虫	<i>A. catenulatus</i> Cushman et McCulloch
短小砂杆虫	<i>A. exiguis</i> Cushman et Bronnimann

台湾砂杆虫	<i>A. formosensis</i> Nakamura
黄海砂杆虫	<i>A. huanghaiensis</i> P. Wang
剑形砂缘虫	<i>Ammomarginulina ensis</i> Wiesner
极娇砂缘虫	<i>A. tenerissima</i> Stschedrina
窄口砂虫	<i>Ammotium stenostomum</i> Wang, et Bian
扭反弯虫	<i>Recurvoides contortus</i> Earland
光滑反弯虫	<i>R. laevigatum</i> Hoglund
黑衣旋编虫	<i>Spiroplectammina atrata</i> (Cushman)
双形旋编虫	<i>S. biformis</i> (Parker et Jones)
典型旋编虫	<i>S. typica</i> Lacroix
赖提旋编虫	<i>S. wrightii</i> (Silvestri) [322]
赖提小旋编虫	<i>Spiroplectinella wrightii</i> (Silvestri)
基林巴旋端虫	<i>Spirorutilus kerimbaensis</i> (Said)
马丽伦旋端虫	<i>S. marielensis</i> (Lalicker et Bermudez)
赖提旋端虫	<i>S. wrightii</i> (Silvestri) [322]
球根椹编虫	<i>Morulaepecta bulbosa</i> Hoglund
南极假箭头虫	<i>Pseudobolivina antarctica</i> (Wiesner)
歪假箭头虫	<i>P. torquata</i> (Parker)
武装隐缝虫	<i>Nouria armata</i> Collins
拟多形隐缝虫	<i>N. polymorphinoides</i> Heron-Allen et Earland
中华隐缝虫	<i>N. sinensis</i> Zheng
瘦隐缝虫	<i>N. tenuis</i> Hada
夏洛特仿砂轮虫	<i>Paratrochammina charlottensis</i> (Cushman)
韦氏门砂轮虫	<i>Portatrochammina wiesneri</i> (Parr)
鲍氏砂轮虫	<i>Trochammina boltovskoyi</i> Bronnimann
龙骨砂轮虫	<i>T. carinata</i> Cushman et McCulloch
夏洛特砂轮虫	<i>T. charlottensis</i> Cushman [352]
羽田砂轮虫	<i>T. hadai</i> Uchio
胖砂轮虫	<i>T. inflata</i> (Montagu)
日本砂轮虫	<i>T. japonica</i> Ishiwada
马洛夫砂轮虫	<i>T. malovensis</i> Heron-Allen et Earland
微小砂轮虫	<i>T. minuta</i> Stschedrina
浅黄砂轮虫	<i>T. ochracea</i> (Williamson) [398]
卵砂轮虫	<i>T. ovata</i> Stschedrina
轮形砂轮虫	<i>T. rotaliformis</i> Wright
鳞状砂轮虫	<i>T. squamata</i> Jones et Parker
南方砂轮虫	<i>T. wiesneri</i> Parr
亚洲波斯砂虫	<i>Polskiammina asiatica</i> (Polski)
凸凹瓣砂轮虫	<i>Tiphotrocha convexoconcava</i> Stschedrina
瘦瘪砂突唇虫	<i>Jadammina macrescens</i> (Brady)
亚洲砂竖口虫	<i>Arenoparrella asiatica</i> Polski [386]
亚洲小砂轮虫	<i>Trochamminula asiatica</i> (Polski) [386]
浅黄鳞复砂轮虫	<i>Lepidodeuterammina ochracea</i> (Williamson)

凸锥头虫	<i>Gaudryina convexa</i> Cushman
三角锥头虫	<i>G. triangularis</i> Cushman
黄海管锥头虫	<i>Siphogaudryina huanghaiensis</i> Zheng
异地春虫	<i>Verneuilina advena</i> Cushman [442]
异地小春虫	<i>Verneuilinulla advena</i> (Cushman)
平滑小春虫	<i>V. polita</i> (Collins)
异地伊格虫	<i>Eggerella advena</i> (Cushman)[442]
平滑伊格虫	<i>E. polita</i> Collins [443]
西方马丁虫	<i>Martinottiella occidentalis</i> (Cushman)
缩短编织虫	<i>Textularia abbreviata</i> d'Orbigny
大头编织虫	<i>T. candeiana</i> d'Orbigny
圆锥编织虫	<i>T. conica</i> d'Orbigny
叶编织虫	<i>T. foliacea</i> Heron-Allen et Earland
草编织虫	<i>T. gramen</i> d'Orbigny
基林巴编织虫	<i>T. kerimbaensis</i> Said [324]
扁叶编织虫	<i>T. lateralis</i> Lalicker
马加兰编织虫	<i>T. magallanica</i> Todd et Kniker
假塔编织虫	<i>T. pseudotrochus</i> Cushman
塞卡斯编织虫	<i>T. secasensis</i> Lalicker et McCulloch
亚南极编织虫	<i>T. subantarctica</i> Vella
手掌编织虫	<i>T. vola</i> Lalicker et McCulloch
梅氏管编织虫	<i>Siphotextularia mestayerae</i> Vella
强壮假棒虫	<i>Pseudoclavulina robusta</i> Zheng
刀无齿虫	<i>Edentostomina cultrata</i> (Brady)
棱缘无齿虫	<i>E. milletti</i> (Cushman) [967]
安德森抱环虫	<i>Spiroloculina anderseni</i> Todd et Bronnimann
砂抱环虫	<i>S. arenaria</i> Brady [1085]
双形抱环虫	<i>S. biformis</i> Stschedrina
渤海抱环虫	<i>S. bohaiensis</i> Zheng [787]
共抱环虫	<i>S. communis</i> Cushman et Todd
具齿抱环虫	<i>S. dentata</i> Cushman et Todd
深陷抱环虫	<i>S. excavata</i> d'Orbigny
光滑抱环虫	<i>S. laevigata</i> Cushman et Todd [784]
明亮抱环虫	<i>S. lucida</i> Cushman et Todd
平板抱环虫	<i>S. planulata</i> (Lamarck)
美丽抱环虫	<i>S. pulchra</i> Stschedrina
有窝抱环虫	<i>S. scrobiculata</i> Cushman
索尔达尼抱环虫	<i>S. soldani</i> Fornasini
稳固抱环虫	<i>S. stabilis</i> Zheng
膨鼓假弗林特虫	<i>Pseudoflintina bulbosa</i> Zheng
扭转旋门虫	<i>Cycloforina contorta</i> (d'Orbigny)
蓬莱玦心虫	<i>Massilina penglaiensis</i> (Jacot)
普拉特玦心虫	<i>M. pratti</i> Cushman et Ellisor

阿卡尼五块虫	<i>Quinqueloculina akneriana</i> (d'Orbigny)
奥贝尔五块虫	<i>Q. auberiana</i> d'Orbigny
优美五块虫	<i>Q. bella</i> Stschedrina
整洁五块虫	<i>Q. bellatula</i> Bandy
双角五块虫	<i>Q. bicornis</i> (Walker et Jacob)
清亮五块虫	<i>Q. candeiiana</i> d'Orbigny
修饰五块虫	<i>Q. compta</i> Cushman
扭转五块虫	<i>Q. contorta</i> d'Orbigny [770]
短五块虫	<i>Q. curta</i> Chshman
不等五块虫	<i>Q. disparilis</i> d'Orbigny
长五块虫	<i>Q. elongata</i> Natland
绞扭五块虫	<i>Q. implexa</i> Terquem
拉马克五块虫	<i>Q. lamarckiana</i> d'Orbigny
多肋五块虫	<i>Q. multicostata</i> Stschedrina
蛇形五块虫	<i>Q. najaeformis</i> Stschedrina
椭圆五块虫	<i>Q. oblonga</i> (Montagu)
仿普通五块虫	<i>Q. paravulgaris</i> Stschedrina
假清亮五块虫	<i>Q. pseudocandeiiana</i> Stschedrina
假网五块虫	<i>Q. pseudoreticulata</i> Parr
多砂五块虫	<i>Q. sabulosa</i> Cushman
半缺五块虫	<i>Q. seminula</i> (Linne)
半角五块虫	<i>Q. seminulangulata</i> McLean
幽暗五块虫	<i>Q. septuosa</i> Stschedrina
恩格五块虫	<i>Q. ungeriana</i> d'Orbigny
悦目五块虫	<i>Q. venusta</i> Karrer
伊萨贝小双室虫	<i>Biloculinella isabelleana</i> (d'Orbigny)
有唇小双室虫	<i>B. labiata</i> (Schlumberger)
圆小粟虫	<i>Miliolinella circularis</i> (Bornemann)
椭圆小粟虫	<i>M. oblonga</i> (Montagu)
拟扁块敞口虫	<i>Pateoris hauerinooides</i> (Rhumbler)
圆三块虫	<i>Triloculina circularis</i> Bornemann [947]
仿三块虫	<i>T. paratrigonula</i> Stschedrina
梳三块虫	<i>T. pectinata</i> Stschedrina
五角三块虫	<i>T. pentagonalis</i> Wang
直室三块虫	<i>T. rectilocula</i> Zheng
塞德博特姆三块虫	<i>T. sidebottomi</i> (Martinotti)
三棱三块虫	<i>T. tricarinata</i> d'Orbigny
三角三块虫	<i>T. trigonula</i> (Lamarck)
近领三块虫	<i>T. vicina</i> Stschedrina
盖小三块虫	<i>T. tegminis</i> (Loeblich et Tappan)
半透明小三块虫	<i>T. translucens</i> (Stschedrina)
开洞盾口虫	<i>Scutuloris patens</i> Stschedrina [1071]
盖盾口虫	<i>S. tegminis</i> Loeblich et Tappan [1072]

半透明盾口虫	<i>S. translucens</i> Stschedrina [1073]
砂状曲形虫	<i>Sigmoilina arenaria</i> (Brady)
微小曲形虫	<i>S. minutissima</i> Zheng
极窄曲形虫	<i>S. tenuissima</i> Stschedrina
粗糙细曲形虫	<i>Sigmoilinita asperula</i> (Karrer)
粗糙类曲形虫	<i>Sigmoilopsis asperula</i> (Karrer) [1100]
施氏类曲形虫	<i>S. schlumbergeri</i> (Silvestri)
加州齿虫	<i>Dentalina californica</i> Cushman et Gray
共齿虫	<i>D. communis</i> d'Orbigny
隐纹齿虫	<i>D. decepta</i> (Bagg)
线形齿虫	<i>D. filiformis</i> (d'Orbigny)
尖刺齿虫	<i>D. mucronata</i> Neugeboren
陆奥齿虫	<i>D. mutsui</i> Hada
梨戈力虫	<i>Grigelis pyrula</i> (d'Orbigny)
半皱戈力虫	<i>G. semirugosa</i> (d'Orbigny)
伊他节房虫	<i>Nodosaria ittai</i> Loeblich et Tappan
梨节房虫	<i>N. pyrula</i> d'Orbigny [1211]
日本假节房虫	<i>Pseudonodosaria japonica</i> (Asano)
陆奥双形虫	<i>Dimorphina mutsuensis</i> Stschedrina
有角透镜虫	<i>Lenticulina angulata</i> (Reuss)
距透镜虫	<i>L. calcar</i> (Linne)
聚合透镜虫	<i>L. convergens</i> (Bornemann)
马刺凸镜虫	<i>Robulus calcar</i> (Linne) [1254]
聚合凸镜虫	<i>R. convergens</i> (Bornemann) [1259]
少室两棒虫	<i>Amphicoryna pauciloculata</i> (Cushman)
梯两棒虫	<i>A. scalaris</i> (Batsch)
梨瓶节房虫	<i>Lagenonodosaria pyrula</i> (d'Orbigny) [1211]
少室瓶节房虫	<i>L. pauciloculata</i> (Cushman) [1334]
梯瓶节房虫	<i>L. scalaris</i> (Batsch) [1335]
半皱瓶节房虫	<i>L. semirugosa</i> (d'Orbigny) [1212]
长透明纺锤虫	<i>Hyalinonetrion elongata</i> (Ehrenberg)
水瓶瓶虫	<i>Lagena amphora</i> Reuss
棒瓶虫	<i>L. clavata</i> Williamson
双口瓶虫	<i>L. distoma</i> Parker et Jones
短肋瓶虫	<i>L. dovevensis</i> Haynes
长瓶虫	<i>L. elongata</i> (Ehrenberg) [1391]
细瓶虫	<i>L. gracilis</i> Williamson [1451]
纤细瓶虫	<i>L. gracillima</i> (Sequenza)
茸刺瓶虫	<i>L. hispida</i> Reuss
间断瓶虫	<i>L. interrupta</i> Williamson
光滑瓶虫	<i>L. laevis</i> (Montagu)
全透明瓶虫	<i>L. perlucida</i> (Montagu)
上新统瓶虫	<i>L. pliocenica</i> Cushman et Gray

半线瓶虫	<i>L. semilineata</i> Wright [1455]
尖底瓶虫	<i>L. spicata</i> Cushman et McCulloch
线纹瓶虫	<i>L. striata</i> (d'Orbigny)
沟瓶虫	<i>L. sulcata</i> (Walker et Jacob)
沟尖底瓶虫	<i>L. sulcatospicata</i> Cushman et McCulloch
维氏瓶虫	<i>L. wiesneri</i> Parr
细高瓶虫	<i>Procerolagena gracilis</i> (Williamson)
上新统外雕虫	<i>Exculptina pliocenica</i> (Cushman et Gray)
半线外雕虫	<i>E. semilineata</i> (Wright)
奥地利小滴虫	<i>Guttulina austriaca</i> (d'Orbigny)
索尔丹尼假多形虫	<i>Pseudopolymorphina soldani</i> (d'Orbigny)
小泽反称虫	<i>Sigmomorphina ozawai</i> (Hada)
横山反称虫	<i>S. yokoyamai</i> Cushman et Ozawa
三角小加维虫	<i>Galwayella trigonomarginata</i> Parker et Jones
六角蜂窝虫	<i>Favulina hexagona</i> (Williamson)
水果蜂窝虫	<i>F. melo</i> (d'Orbigny)
鳞甲蜂窝虫	<i>F. squamosa</i> (Montagu)
水果卵虫	<i>Oolina melo</i> d'Orbigny [1511]
鳞甲卵虫	<i>O. squamosa</i> (Montagu) [1512]
滑缝口虫	<i>Fissurina laevigata</i> Reuss
明亮缝口虫	<i>F. lucida</i> (Williamson)
具缘缝口虫	<i>F. marginata</i> Seguenza
奥比尼缝口虫	<i>F. orbigniana</i> (Seguenza)
半缘缝口虫	<i>F. semimarginata</i> (Reuss)
短内管虫	<i>Esosyrinx curta</i> (Cushman et Ozawa)
滴形内管虫	<i>E. guttuliniformis</i> Stschedrina
双形橡果虫	<i>Glandulina dimorpha</i> (Bornemann)
光滑橡果虫	<i>G. laevigata</i> (d'Orbigny)
内管球管虫	<i>Globulotuba entosoleniformis</i> Collins
透囊曲管虫	<i>Laryngosigma hyalascidia</i> Loeblich et Tappan
净曲管虫	<i>L. lauta</i> Stschedrina
宽卵曲管虫	<i>L. ovata</i> Stschedrina
多变假小九字虫	<i>Pseudononionella variabilis</i> Zheng
现生加利特利亚虫	<i>Gallitellia vivans</i> (Cushman)
现生金伯尔虫	<i>Guembelitria vivans</i> Cushman [1646]
泡抱球虫	<i>Globigerina bulloides</i> d'Orbigny
不哀抱球虫	<i>G. nepenthes</i> Todd
红拟抱球虫	<i>Globigerinodes ruber</i> (d'Orbigny)
海鸟箭头虫	<i>Bolivina albatrossi</i> Cushman
假褶箭头虫	<i>B. pseudoplicata</i> Heron-Allen et Earland
强壮前头虫	<i>B. robusta</i> Brady
细线纹箭头虫	<i>B. striatula</i> Cushman [1886]
强壮判草虫	<i>Brizalina robusta</i> (Brady) [1849]

半裸判草虫	<i>B. seminuda</i> (Cushman)
细纹判草虫	<i>B. striatula</i> (Cushman)
薄片判草虫	<i>B. spathulata</i> (Williamson) [1851]
亚微刺判草虫	<i>B. subspinescens</i> (Cushman)
龙骨盔形虫	<i>Cassidulina carinata</i> Silvestri
新龙骨盔形虫	<i>C. neocarinata</i> Thalmann
太平洋霍普金斯虫	<i>Hopkinsina pacifica</i> Cushman
萝卜直箭头虫	<i>Rectobolivina raphana</i> (Parker et Jones)
棘泡虫	<i>Bulimina aculeata</i> d'Orbigny
细弱泡虫	<i>B. exilis</i> Brady
具缘泡虫	<i>B. marginata</i> d'Orbigny
极雅致小泡虫	<i>Buliminella elegantissima</i> (d'Orbigny)
多角角虫	<i>Angulogerina angulosa</i> (Williamson)
连脊角虫	<i>A. fluens</i> Todd
多角三列虫	<i>Trifarina angulosa</i> (Williamson) [2078]
西方三列虫	<i>T. occidentalis</i> (Cushman)
少室富尔先科虫	<i>Furstenkoina pauciloculata</i> (Brady)
印度婆口虫	<i>Baggina indica</i> (Cushman)
耳蟹虫	<i>Cancris auriculus</i> (Fichtel et Moll)
印底蟹虫	<i>C. indicus</i> (Cushman)
椭圆蟹虫	<i>C. oblongus</i> (Williamson)
萨格拉蟹虫	<i>C. sagra</i> (d'Orbigny)
扭蟹虫	<i>C. torquertus</i> Cushman et Todd
筛室穹背虫	<i>Eponides cribroconcameratus</i> (Asano et Uchio) [2192]
小穹背虫	<i>E. parvus</i> Stschedrina
极小穹背虫	<i>E. pusillus</i> Parr
弯穹背虫	<i>E. varvus</i> Stschedrina
全室筛穹背虫	<i>Cribroeponides cribroconcameratus</i> (Asano et Uchio)
筛状孔穹背虫	<i>Poroeponides cribrorepandus</i> Asano et Uchio
侧扁孔弯背虫	<i>P. lateralis</i> (Terquem)
眩耀孔穹背虫	<i>P. speciosus</i> Stschedrina
特奎新圆锥虫	<i>Neoconorbina terquemi</i> (Rzehak)
布雷迪玫瑰虫	<i>Rosalina bradyi</i> (Cushman)
清晰玫瑰虫	<i>R. vilardeboana</i> d'Orbigny
盖平滑虫	<i>Glabratella opercularis</i> (d'Orbigny)
帽贝平滑虫	<i>G. patelliformis</i> (Brady)
帽平滑虫	<i>G. pileolus</i> (d'Orbigny)
典型小默里虫	<i>Murrayinella murrayi</i> (Heron-Allen et Earland)
球小沙科虫	<i>Schackoinella globosa</i> (Millett) [2279]
精美小上口虫	<i>Epistominella exigua</i> (Brady)
奈良小上口虫	<i>E. naraensis</i> (Kuwano)
饰带透明虫	<i>Hyalinea balthica</i> (Schroeter)
雅致平扁虫	<i>Planulina elegans</i> Tolmachoff

库什曼面包虫	<i>Cibicides cushmani</i> Ujiie et Kusukawa
低面包虫	<i>C. deprimus</i> Phleger et Parker
裂瓣面包虫	<i>C. lobatulus</i> (Walker et Jacob) [2394]
软面包虫	<i>C. mollis</i> Phleger et Parker
多室面包虫	<i>C. multicameratus</i> Stschedrina
假恩格面包虫	<i>C. pseudoungerianus</i> (Cushman) [2623]
小瓣虫	<i>Lobatula lobatula</i> (Walker et Jacob)
结实小饶钹虫	<i>Cymbaloporella solida</i> Stschedrina
连接缝裂虫	<i>Epistomaria annectens</i> (Parker et Jones)
有角假穹背虫	<i>Pseudoeponides angulatus</i> Stschedrina
缝裂假穹背虫	<i>P. anderseni</i> Warren
扁平假穹背虫	<i>P. compressum</i> Zheng
异生假穹背虫	<i>P. heterogeneus</i> Stschedrina
日本假穹背虫	<i>P. japonicus</i> Uchio
中里假穹背虫	<i>P. nakazatoensis</i> (Kuwano)
优美小花虫	<i>Florilus decorus</i> (Cushman et McCulloch) [2540]
嵌线小花虫	<i>F. limbatus</i> (Cushman) [2543]
船状小花虫	<i>F. scaphum</i> (Fichtel et Moll) [2494]
秋田九字虫	<i>Nonion akitaense</i> Asano
布埃九字虫	<i>N. boueanum</i> (d'Orbigny)
优美小字虫	<i>N. decorum</i> (Cushman et McCulloch) [2540]
日本九字虫	<i>N. japonicum</i> Asano [2525]
杰克逊小九字虫	<i>N. jacksonensis</i> Cushman
嵌线小九字虫	<i>N. limbatus</i> Cushman [2543]
丰满小九字虫	<i>N. opima</i> Cushman
丽小九字虫	<i>N. pulchella</i> Hada
星小九字虫	<i>N. stella</i> Cushman et Moyer
三彩小九字虫	<i>N. tredeca</i> (Asano)
日本细小九字虫	<i>Nonionellina japonica</i> (Asano)
英国原企虫	<i>Protelphidium anglicum</i> Murray
扁原企虫	<i>P. compressum</i> Zheng
褐橙原企虫	<i>P. fulvofuscus</i> Stschedrina
光滑原企虫	<i>P. glabrum</i> (Ho, Hu, et Wang)
粒突原企虫	<i>P. granosum</i> (d'Orbigny)
浅黄原企虫	<i>P. luridus</i> Stschedrina
具瘤原企虫	<i>P. tuberculatum</i> (d'Orbigny)
优美假九字虫	<i>Pseudononion decorum</i> (Cushman et McCulloch)
嵌线假九字虫	<i>P. limbatus</i> (Cushman)
小假九字虫	<i>P. minutum</i> Zheng
意大利星九字虫	<i>Astrononion italicum</i> Cushman et Edwards
新西兰星九字虫	<i>A. novozealandicum</i> Cushman et Edwards [2560]
挤压星九字虫	<i>A. pressus</i> Stschedrina
塔斯曼星九字虫	<i>A. tasmanensis</i> Carter

新西兰管九字虫	<i>Pacinonion novozealandicum</i> (Cushman et Edwards)
五瓣幼体虫	<i>Pullenia quinqueloba</i> Reuss
平滑异常虫	<i>Anomalina glabrata</i> (Cushman)
日本拟圆旋虫	<i>Gyroidinoides nipponicus</i> (Ishizaki)
日本圆旋虫	<i>Gyroidina nipponica</i> Ishizaki [2629]
曼塔半泽虫	<i>Hanzawaia mantaensis</i> Galloway et Morrey
日本半泽虫	<i>H. nipponica</i> Asano
华美面颊虫	<i>Buccella decora</i> Stschedrina
冷面颊虫	<i>B. frigida</i> (Cushman)
异常面颊虫	<i>B. inusitata</i> Andersen
辐射面颊虫	<i>B. radiata</i> Stschedrina
娇面颊虫	<i>B. tenerrima</i> (Brady)
奥杜万仿车轮虫	<i>Pararotalia audouni</i> (d'Origny)
小优美仿车轮虫	<i>P. bellatula</i> Stschedrina
罩状仿车轮虫	<i>P. fungiformis</i> Ho, Hu, et Wang
默里仿车轮虫	<i>P. murrayi</i> (Heron-Allen et Earland) [2279]
小泽纺车轮虫	<i>P. ozawai</i> (Asano)
连接转轮虫	<i>Ammonia annectens</i> (Parker et Jones) [2767]
星转轮虫	<i>A. astera</i> Stschedrina
典型转轮虫	<i>A. beccarii</i> (Linne)
小压扁轮虫	<i>A. compressiuscula</i> (Brady) [2759]
厚壁转轮虫	<i>A. confertitesta</i> Zheng
凸背转轮虫	<i>A. convexitorsa</i> Zheng
厚转轮虫	<i>A. crebera</i> Stschedrina
美丽转轮虫	<i>A. formosa</i> Stschedrina
橡实转轮虫	<i>A. glans</i> Stschedrina
球室转轮虫	<i>A. globosa</i> (Millett)
粒脐转轮虫	<i>A. granuloumbilica</i> Zheng
印度转轮虫	<i>A. indica</i> (LeRoy)
日本转轮虫	<i>A. japonica</i> (Hada)
结缘寺转轮虫	<i>A. ketienziensis</i> (Ishizaki)
沼泽转轮虫	<i>A. limnetes</i> (Todd et Bronnimann)
丸桥转轮虫	<i>A. maruhasii</i> (Kuwano)
少室转轮虫	<i>A. pauciloculata</i> (Phleger et Parker)
高锅转轮虫	<i>A. takanabensis</i> (Ishizaki)
嗜温转轮虫	<i>A. tepida</i> (Cushman)
小压扁星车轮虫	<i>Asterorotalia compressiuscula</i> (Brady)
胖星车轮虫	<i>Asterorotalia inflata</i> (Millett)
多变假车轮虫	<i>Pseudorotalia gaimardii</i> (d'Orbigny) [2769]
施罗特假车轮虫	<i>P. schroeteriana</i> (Carpenter, Parker, et Jones)
连接似车轮虫	<i>Rotalidium annectens</i> (Parker et Jones)
连接洞穴车轮虫	<i>Cavarotalia annectens</i> (Parker et Jones) [2767]
多变拟车轮虫	<i>Rotalinoides gaimardii</i> (d'Orbigny)

白脐筛九字虫	<i>Cribrononion albiumbilicatulus</i> (Weiss)
亚洲筛九字虫	<i>C. asiaticum</i> (Polski)
额筛九字虫	<i>C. fronto</i> Stschedrina
凹坑筛九字虫	<i>C. gnythosuturatum</i> Ho, Hu, et Wang
异室筛九字虫	<i>C. heterocameratus</i> Stschedrina
易变筛九字虫	<i>C. incertum</i> (Williamson)
清晰筛九字虫	<i>C. limpidus</i> Stschedrina
明晰筛九字虫	<i>C. pellucens</i> Stschedrina
孔缝筛九字虫	<i>C. porisuturalis</i> Zheng
简单筛九字虫	<i>C. simplex</i> (Cushman) [2851]
亚易变筛九字虫	<i>C. subincertum</i> (Asano)
透明筛九字虫	<i>C. vitreum</i> Wang, Zheng, et Min
异地企虫	<i>Elphidium advenum</i> (Cushman)
关节企虫	<i>E. articulatum</i> (d'Orbigny)
亚洲企虫	<i>E. asiaticum</i> Polski [2786]
厚壁企虫	<i>E. crassimargo</i> Stschedrina
冷企虫	<i>E. frigidum</i> Cushman [2787]
粗糙企虫	<i>E. hispidulum</i> Cushman
休斯企虫	<i>E. hughesi</i> Cushman et Grant
西班牙企虫	<i>E. ibericum</i> (Schrodt)
扁肾企虫	<i>E. jensei</i> (Cushman)
金川企虫	<i>E. kusiroense</i> Asano
清晰企虫	<i>E. limpidum</i> Ho, Hu, et Wang
缝裂企虫	<i>E. magellanicum</i> Heron-Allen et Earland
霜粒企虫	<i>E. nakanokawaense</i> Shirai
简单企虫	<i>E. simplex</i> Cushman
亚卷曲企虫	<i>E. subcrispum</i> Nakamura
亚易变企虫	<i>E. subincertum</i> Asano [2799]
津田企虫	<i>E. tsudai</i> Chiji et Nakaseko
汤加展企虫	<i>Ozawaia tongaensis</i> Cushman
平直小企虫	<i>Rectoelphidiella aplata</i> Ho, Hu, et Wang
精美直小企虫	<i>R. lepida</i> Ho, Hu, et Wang
多角口室虫	<i>Stomoloculina multangula</i> Ho, He, et Wang
细茸刺小帕尔虫	<i>Parrellina hispidula</i> (Cushman) [2824]
深红酵母	<i>Rhodotorula rubra</i>
果蝇红酵母	<i>Rh. Pilimanae</i>
圆形丝孢酵母	<i>Trichosporon figueirae</i>
阿斯米假丝酵母	<i>Candida azyma</i>
无名假丝酵母	<i>C. famata</i>
季也蒙假丝酵母	<i>C. guilliermondii</i>
克鲁斯假丝酵母	<i>C. krusei</i>
多芽假丝酵母	<i>C. multisporus</i>
近平滑假丝酵母	<i>C. parapsilosis</i>

热带假丝酵母	<i>C. tropicalis</i>
清酒假丝酵母	<i>C. sake</i>
间型假丝酵母	<i>C. intermedia</i>
醭膜假丝酵母	<i>C. membranaefaciens</i>
林木假丝酵母	<i>C. silvanorum</i>
纤细假丝酵母	<i>C. tenuis</i>
葡酒假丝酵母	<i>C. veronae</i>
汉逊德巴利酵母	<i>Debaryomyces hansenii</i>
埃切毕赤酵母	<i>Pichia etchellsii</i>
季也蒙毕赤酵母	<i>P. guilliermondii</i>
奥默毕赤酵母	<i>P. ohmeri</i>
克鲁维毕赤酵母	<i>P. kluyveri</i>
内西毕赤酵母	<i>P. naganishii</i>
出芽短梗霉	<i>Aureobasidium pullalans</i>
青霉	<i>Penicillium</i>
曲霉	<i>Aspergillus</i> (Mick)
枝孢霉菌	<i>Ramu lispora</i> Miura
头孢霉	<i>Cephalosporium</i> Corda
交链孢霉	<i>Alternaria</i> Nees
华北紫菜半叶变种	<i>Porphyra katadai</i> Miura v. <i>hemiphylla</i> Tseng et T. J. Chang
边紫菜	<i>P. marginata</i> Tseng et T. J. Chang
少精紫菜	<i>P. oligospermatangia</i> Tseng et B. F. Zheng
圆紫菜	<i>P. suborbiculata</i> Kjellm.
甘紫菜	<i>P. tenera</i> Kjellm.
脐形紫菜	<i>P. umbilicalis</i> (L.) J. Ag.
条斑紫菜	<i>P. yezoensis</i> Ueda
微小旋毛藻	<i>Audouinella microscopica</i> (Naeg. in Kuetz.) Woelkerling [<i>Acrochaetium microscopicum</i>]
粗壮旋毛藻	<i>A. robusta</i> (Boerg.) Garbary [<i>Acrochaetium robusta</i>]
近沉旋毛藻	<i>A. subimmersum</i> (S. et G) Garbary et Rueness [<i>Acrochaetium subimmersum</i>]
海索面	<i>Nemalion helminthoides</i> (Valley) Batt. v. <i>vermiculare</i> (Sur.) Tseng
叉枝蠕枝藻	<i>Helminthocladia yendoana</i> Narita
具钩柏桉藻	<i>Bonnemaisonia hamifera</i> Hariot [<i>B. nootkana</i> , <i>Asparagopsis hamifera</i>]
石花菜	<i>Gelidium amansii</i> (Lamx.) Lamx.
石花菜生根变型	<i>G. amansii</i> f. <i>radicans</i>
细毛石花菜	<i>G. crinale</i> (Turn.) Lamx.
小石花菜	<i>G. divaricatum</i> Martens
匍匐石花菜	<i>G. pusillum</i> (Stackh.) Le Jol.
异形石花菜	<i>G. vagum</i> Okam.
鸡毛菜	<i>Pterocladia capillacea</i> (Gmelin) Bornet [<i>P. temuis</i>]
单条胶粘藻	<i>Dumontia simplex</i> Cotton

亮管藻	<i>Hyalosiphonia caespitosa</i> Okam.
原型胭指藻	<i>Hildenbrandia prototypus</i> Nardo
叉节藻	<i>Amphiroa zonata</i> Yendo
硬叉节藻	<i>A. rigida</i> Lamx.
粗扁节藻	<i>Bossiella cretacea</i> (P. et R.) Johansen
珊瑚藻	<i>Corallina officinalis</i> L.
小珊瑚藻	<i>C. pilulifera</i> Post. et Rupr.
珊瑚皮石藻	<i>Dermatolithon corallinae</i> (Grouan.) Fasl.
端胞片壳藻	<i>Fosliella farinosa</i> (Lamx.) Howe
吸叶藻	<i>Pneophyllum lejolisii</i> (Rosanoff) Chamberlain [<i>Fosliella lejolisii</i>]
海菲吸叶藻	<i>P. zostericum</i> (Fosl.) Fujita [<i>Leltophytum zostericum</i> , <i>Heteroderma zosterica</i>]
萨岛伪石叶藻	<i>Pseudolithophyllum samoense</i> (Fosl.) Adey
尖顶石枝藻	<i>Lithothamnium aculeiferum</i> Mason in Setch. et Mason
冰石枝藻	<i>L. glaciale</i> Kjellm
中间枝藻	<i>L. intermedium</i> Kjellm.
异石枝藻	<i>L. japonicum</i> Fosl. [<i>L. fretense</i>]
太平洋石枝藻	<i>L. pacificum</i> (Fosl.) Fosl.
胶管藻	<i>Gloiosiphonia capillaris</i> (Huds.) Carm.
海萝	<i>Gloiopeltis furcata</i> (P. et R.) J. Ag.
海萝肠形变种	<i>G. furcata</i> v. <i>coliformis</i> Okam.
蜈蚣藻	<i>Gratelouphia filicina</i> C. Ag.
舌状蜈蚣藻	<i>G. prolongta</i> J. Ag.
长枝蜈蚣藻	<i>G. prolongta</i> J. Ag.
海膜	<i>Halymenia sinensis</i> Tseng et C. F. Chang
育枝锯齿藻	<i>Prionitis prolifera</i> (Hariot) Kawaguchi et Masuda [<i>Carpopeltis affinis</i>]
曾氏藻	<i>Tsengia nakamurae</i> (Yendo) Fan et Fan
海头红	<i>Plocamium telfairiae</i> Harv.
真江蓠	<i>Gracilaria asiatica</i> Zhang et Xia [<i>G. confervoides</i> , <i>G. verrucosa</i>]
龙须菜	<i>G. sjoestedtii</i> Kylin
扁江蓠	<i>G. textorii</i> (Suring.) De Teni. [<i>G. foliifera</i>]
柏林龙须菜	<i>G. belinae</i> Zhang ex Xia [<i>G. heteroclata</i>]
红翎菜	<i>Solieria tenuis</i> Zhang et Xia in Xia et Zhang [<i>S. mollis</i>]
扇形叉枝藻	<i>Gymnogongrus flabelliformis</i> Harv.
小杉藻	<i>Gigartina intermedia</i> Sur.
线形杉藻	<i>G. tenella</i> Harv.
刺枝杉藻	<i>G. teedii</i> (Roth) Lamx.
金膜藻	<i>Chrysomenia wrightii</i> (Harv.) Yamada
错综红皮藻	<i>Rhodymenia intricata</i> (Okam.) Okam.
环节藻	<i>Champia parvula</i> (C. Ag.) Harv.
节莢藻	<i>Lomentaria hakodatensis</i> Yendo
松弱对丝藻	<i>Antithamnion defectum</i> Kylin

赫勃对丝藻	<i>A. hubbsii</i> Dawson
雅致凝对丝藻	<i>Antithamnionella elegans</i> (Berthold) Price et John [<i>A. breviramosa</i>]
凝对丝藻	<i>A. sarniensis</i> Lyle
蠕虫凝对丝藻	<i>A. spirographidis</i> (Schif.) Wollaston
绢丝藻	<i>Callithamnion corymbosum</i> (Smith) Lyngb.
钩凝菜	<i>Campylaephora hypnaeoides</i> J. Ag.
日本仙菜	<i>Ceramium japonicum</i> Okam.
三叉仙菜	<i>C. kondoi</i> Yendo [<i>C. rubrum</i>]
柔质仙菜	<i>C. tenerimum</i> (Mart.) Okam.
美丽小枝藻	<i>Herpochondria elegans</i> (Okam.) Itono [<i>Microcladia elegans</i>]
扁丝藻	<i>Platythamnion yezoense</i> Inagaki
蓝子藻	<i>Spyridia filamentosa</i> (Wulf.) Harv.
顶群藻	<i>Acrosorium yendoi</i> Yamada
橡叶藻	<i>Phycodrys radicosa</i> (Okam.) Yamada et Inagaki in Yamada
多刺曾氏藻	<i>Tsengiella spinulosa</i> Zhang et Xia
绒线藻	<i>Dasya villosa</i> Harv.
异管藻	<i>Heterosiphonia japonica</i> Yamada
粗枝软骨藻	<i>Chondria crassicaulis</i> Harv.
多浆软骨藻	<i>C. succulenta</i> (J. Ag.) Fkbg.
细枝软骨藻	<i>C. tenuissima</i> (Good. et Wood.) C. Ag.
菜花藻	<i>Janczewskia ramiformis</i> Chang et Xia
头状凹顶藻	<i>Laurencia capituliformis</i> Yamada
异枝凹顶藻	<i>L. intermedia</i> Yamdad
钝形凹顶藻	<i>L. obtusa</i> (Hudson) Lamx.
冈村凹顶藻	<i>L. okamurae</i> Yamada [<i>L. jalponica</i>]
日本多管藻	<i>Polysiphonia japonica</i> Harv. [<i>P. akkeshiensis</i>]
内枝多管藻	<i>P. morrowii</i> Harv.
多管藻	<i>P. urceolata</i> Grev.
松节藻	<i>Rhodomela confervoides</i> (Huds.) Silva [<i>R. subfusca</i>]
华管藻	<i>Sinosiphonia elegans</i> Tseng et B. L. Zheng
鸭毛藻	<i>Sympyocladia latiuscula</i> (Harv.) Yam. [<i>S. gracilis</i>]
水云	<i>Ectocarpus arctus</i> Kuetz. [<i>E. confervoides</i>]
长囊水云	<i>E. siliculosus</i> (Dillw.) Lyngb. [<i>Giffordia indica</i>]
共生水云	<i>E. commensalis</i> S. et G.
锐尖水云	<i>E. acutus</i> S. et G.
皮层水云	<i>E. corticulatus</i> Saund.
薄水云	<i>E. rallsiae</i> Vickers
顶生水云	<i>E. terminalis</i> Kutz
绒毛水云	<i>E. tomentosus</i> (Huds.) Lyngb.
假根水云	<i>E. yezoensis</i> Yam. et Tan.
柔弱水云	<i>E. tenellus</i> Noda
不规则费氏藻	<i>Feldmannia irregularis</i> (Kuetz.) Hamel [<i>Giffordia irregularis</i>]

发状定孢藻	<i>Acinetospora crinita</i> (Carm. ex Harv. In Hook.) Korn.
尖枝褐茸藻	<i>Giffordia acuto-ramuli</i> (Noda) Luan et Luan
卵形褐茸藻	<i>G. fuscata</i> (Zanard.) Kuck.
桑德褐茸藻	<i>G. sandriana</i> (Zanardini) Hamel
云氏多孔藻	<i>Polytretus reinboldii</i> (Reinke) Sauv. [<i>Ectocarpus reinboldii</i>]
柏揣藻	<i>Botrytella micromora</i> Bory [<i>Sorocarpus uvaformis</i> , <i>S. micromorus</i>]
太平洋聚果藻	<i>Sorocarpus pacifica</i> Holl
畸形纽线藻	<i>Streblonema anomalum</i> S. et G.
渤海纽线藻	<i>S. bohaiense</i> R. X. Luan
柯氏纽线藻	<i>S. codii</i> Borton
粗枝纽线藻	<i>S. crasscaule</i> R. X. Luan
伞房纽线藻	<i>S. corymbiferum</i> S. et G.
囊生纽线藻	<i>S. fasciculatum</i> Thuret in Le Jolis
疣状褐壳藻	<i>Ralfsia verrucosa</i> (Aresch.) J. Ag.
岩生异褐壳藻	<i>Heteroralfsia saxicola</i> (Okam. et Yamada) Kawai [<i>Saundersella saxicola</i>]
粘膜藻	<i>Leathesia difformes</i> (L.) Aresch.
小粘膜藻	<i>L. nana</i> S. et G.
岩生粘膜藻	<i>L. saxicola</i> Takamatsu
短毛藻	<i>Elachista fucicola</i> (Vell.) Aresh.
褐毛藻	<i>Halothrix lumbricalis</i> (Kuetz.) Reinke
真丝藻	<i>Eudesme virescens</i> (Carm. ex Harv. in Hooker) J. Ag.
异丝藻	<i>Papenfussiella kuromo</i> (Yendo) Inagaki
硬索藻	<i>Sphaerotrichia firma</i> (Gepp) A. Zin. [<i>Chordaria firma</i>]
面条藻	<i>Tinocladia crassa</i> (Sur.) Kylin
繁枝藻	<i>Papenfussiella kuromo</i> (Yendo) Inagaki [<i>Myriocladia kuromo</i>]
顶毛藻	<i>Acrothrix pacifica</i> Okam et Yamada
海蕴	<i>Nemacystus decipiens</i> (Sur.) Kuck.
单条髓藻	<i>Myelophycus simplex</i> (Harv.) Papenf [<i>M. caespitosus</i>]
网管藻	<i>Dictyosiphon foeniculaceus</i> (Huds.) Grev.
点叶藻	<i>Punctaria latifolia</i> Grev.
厚点叶藻	<i>P. plataginea</i> (Roth) Grev.
长囊藻	<i>Colpomenia bullosa</i> (Saunders) Yamada [<i>C. bullosa</i>]
囊藻	<i>C. sinuosa</i> (Mertens ex Roth) Derb. et Sol.
幅叶藻	<i>Petalonia fascia</i> (O. F. Mueller) Kuntze
窄细幅叶藻	<i>P. zosterifolia</i> (Reinke) Kuetz.
萱藻	<i>Scytoniphon lomentarius</i> (Lyngb.) J. Ag.
叉开网翼藻	<i>Dictyopteris divaricata</i> (Okam.) [<i>Haliseris divaricata</i> , <i>Neurocarpus divaricatus</i>]
网地藻	<i>Dictyota dichotoma</i> (Huds.) Lamx.
叉开网地藻	<i>D. divaricata</i> Lamx.
印度网地藻	<i>D. indica</i> Sond. in Kuetz.
舌状网地藻	<i>D. liquata</i> Kuetz.

大团扇藻	<i>Padina crassa</i> Yamada
稍硬黑项藻	<i>Sphacelaria rigidula</i> Kuetz. [<i>S. furcigera</i>]
黑项藻	<i>S. subfusca</i> S. et G.
酸藻	<i>Desmarestia viridis</i> (Mueller) Lamour
绳藻	<i>Chorda filum</i> (L.) Stackh.
海带	<i>Laminaria japonica</i> Aresch. [<i>L. ochotensis</i>]
裙带菜	<i>Undaria pinnatifida</i> (Harv.) Suringar
鹿角菜	<i>Pelvetia siliquosa</i> Tseng et C. F. Chang [<i>P. minor</i>]
簇生高植藻	<i>Myagropsis myagroides</i> (Mert. ex Turn.) Fensholt [<i>Cystophyllum caespitosum</i>]
海蒿子	<i>Sargassum confusum</i> Ag. [<i>S. pallidum</i>]
羊栖菜	<i>S. fusiforme</i> (Harv.) Setch
铜藻	<i>S. horneri</i> (Turn.) C. Ag.
海黍子	<i>S. miyabei</i> Yendo [<i>S. kjellmaniamum</i>]
鼠尾藻	<i>S. thunbergii</i> (Mert. ex Roth) O. Kuetz.
凹陷科氏藻	<i>Collinsiella cava</i> (Yendo) Printz.
小瘤科氏藻	<i>C. tuberculata</i> Setch. et Gardn.
软丝藻	<i>Ulothrix flacca</i> (Dillw.) Thur. in Le Jolis
囊礁膜	<i>Monostroma angicava</i> Kjellm
北极礁膜	<i>M. arcticum</i> Witt.
盘苔	<i>Blidingia minima</i> (Naeg. et Kuetz.) Kylin
条浒苔	<i>Enteromorpha clathrata</i> (Roth) Grev. Emend Bliding
扁浒苔	<i>E. compressa</i> (L.) Grev.
肠浒苔	<i>E. intestinalis</i> (L.) Link
基枝浒苔	<i>E. kylinii</i> Bliding
缘管浒苔	<i>E. linza</i> (L.) J. Ag. [<i>Ulva linza</i>]
羽状浒苔	<i>E. plumosa</i> Kuetz
浒苔	<i>E. prolifera</i> (Muell.) J. Ag.
盐田浒苔多枝变种	<i>E. salina</i> Kuetz v. <i>polyclados</i> Kuetz
花石莼	<i>Ulva conglobata</i> Kjellm.
石莼	<i>U. lactuca</i> L.
孔石莼	<i>U. pertusa</i> Kjellm.
硬石莼	<i>U. rigida</i> C. Ag.
具坛尾孢藻	<i>Urospora dolifera</i> (Setch. et Gardn.) Doty
羽状尾孢藻	<i>U. penicilliformis</i> (Roth.) Aresch.
棉形藻	<i>Spongomorpha arcta</i> (Dillw.) Kuetz.
束生刚毛藻	<i>Cladophora fascicularis</i> (Mert. ex C. Ag.) Kuetz.
赖氏刚毛藻	<i>C. wrightiana</i> Harv.
小枝刚毛藻	<i>C. oligoclada</i> Harv.
棉状刚毛藻	<i>C. rudolphiana</i> (C. Ag.) Kuetz.
气生硬毛藻	<i>Chaetomorpha aerea</i> (Dillw.) Kuetz.
气生硬毛藻摆动变种	<i>C. aerea</i> f. <i>versata</i> Heydr.
线形硬毛藻	<i>C. linum</i> (Mull.) Kuetz.

岸生根枝藻	<i>Rhizoclonium riparium</i> (Roth.) Harv.
假根羽藻	<i>Bryopsis corticulans</i> Setch.
薛羽藻	<i>B. hypnoides</i> Lamx.
羽藻	<i>B. plumosa</i> (Huds.) C. Ag.
茵陈蒿	<i>Artemisia capillaris</i> Thunb.
猪毛蒿	<i>A. scoparia</i> Waldst. et Kit.
小飞蓬	<i>Conyza canadensis</i> (L.) Cronq.
泥胡菜	<i>Hemistepta lyrata</i> (Bunge) Bunge
狗哇花	<i>Heteropappus hispidus</i> (Thunb.) Less.
生姜皮海绵	<i>Suberites carnosa</i> (Johnston)
寄居蟹海绵	<i>S. domuncula</i> (Olivi)
无花果皮海绵	<i>S. ficus</i> (Nardo)
隐居穿贝海绵	<i>Cliona celata</i> Grant
中空穿贝海绵	<i>C. vastifica</i> Hancock
面包软海绵	<i>Halichondria panicea</i> (Pallas)
细薄白枝海绵	<i>Leucosolenia tenui</i> (Schuffner)
葡萄白枝海绵	<i>L. botryodes</i> (Ellis et Solander)
戴冠碗海绵	<i>Scypha coronatum</i> (Ellis et Solander)
日本毛壶	<i>Grantia nipponica</i> Hozawa
不列颠高手水母	<i>Bougainvillia britannica</i> (Forbes) [<i>B. flavid</i> a]
首要高手水母	<i>B. principis</i> (Steenstrup)
束状高手水母	<i>B. ramosa</i> (Van Beneden) [<i>B. autumnalis</i>]
盾形高手水母	<i>B. superciliaris</i> (L. Agassiz)
贝氏拟线水母	<i>Nemopsis bachei</i> L. Agassiz
短柄灯塔水母	<i>Turritopsis lata</i> Von Lendenfeld
灯塔水母	<i>T. nutricula</i> McCrady
细管真枝螅	<i>Eudendrium capillare</i> Alder
小介穗水母	<i>Podocoryne minima</i> (Trinci)
双手水母	<i>Amphinema dinema</i> (Peron et Lesueur)
皱口双手水母	<i>A. rugosum</i> (Mayer) [<i>A. rugosum</i> v. <i>shantungensis</i> , <i>A. Rugosa</i> v. <i>tsingtauensis</i>]
塔形双手水母	<i>A. turrida</i> (Mayer)
囊状全水母	<i>Catablema vesicarium</i> (A. Agassiz) [<i>Turris vesicaria</i>]
厦门隔膜水母	<i>Leuckartiara hoeplii</i> Hsu [<i>L. octona</i> v. <i>minor</i>]
八斑芮氏水母	<i>Rathkea octopunctata</i> (M. Sars)
辐状枝手水母	<i>Cladonema radiatum</i> Dujardin [<i>C. mayersi</i>]
粗棍螅	<i>Coryne crassa</i> Fraser
日本长和水母	<i>Sarsia nipponica</i> Uchida
真囊水母	<i>Euphsora bigelowi</i> Maas [<i>Eupysa bigelowi</i>]
耳状囊水母	<i>Eupysa aurata</i> Forbes
双手外肋水母	<i>Ectopleura minerva</i> Mayer
海筒螅	<i>Tubularia marina</i> Torrey
中胚花筒螅	<i>T. mesembryanthemum</i> Allman

嵴状镰螅水母	<i>Zanclea costata</i> Gegenbaur
澳洲多管水母	<i>Aequorea australis</i> Uchida
青色多管水母	<i>A. coerulescens</i> (Brandt)
锥形多管水母	<i>A. conica</i> Browne
细小多管水母	<i>A. parva</i> Browne
指突水母	<i>Blackfordia manhattensis</i> Mayer
丁香小杯螅	<i>Calycella syringa</i> (Linneaus)
卡玛拉水母	<i>Malagazzia carolinae</i> (Mayer) [<i>Phialucium carolinae</i> , <i>P. virens</i>]
带玛拉水母	<i>M. taeniogonia</i> (Chow et Huang) [<i>Phialucium taeniogonia</i>]
印度八拟杯水母	<i>Octophialucium indicum</i> Kramp [<i>Octocanna polynema</i>]
坚实八拟杯水母	<i>O. solidum</i> (Menon)
嵊山秀氏水母	<i>Sugiura chengshanense</i> (Ling) [<i>Gastroblasta raffaelei</i> v. <i>chengshanensis</i> , <i>G. chengshanensis</i> , <i>Phialidium chengshanensis</i>]
锡兰和平水母	<i>Eirene ceylonensis</i> Browne [<i>Phortis ceylonensis</i>]
胶州和平水母	<i>E. chiaochowensis</i> (Kao et Li) [<i>Phortis lactea</i> v. <i>chiaochowensis</i>]
六辐和平水母	<i>E. hexanemalis</i> (Goette) [<i>Irenopsis hexanemalis</i>]
蟹形和平水母	<i>E. kambara</i> Agassiz et Mayer [<i>Phortis kambara</i>]
细颈和平水母	<i>E. menoni</i> Kramp [<i>Phortis lactea</i>]
塔形和平水母	<i>E. pyramidalis</i> (L. Agassiz) [<i>Phortis pyramidalis</i>]
八芯真瘤水母	<i>Eutima gegenbauri</i> (Haeckel) [<i>Octorchis gegenbauri</i>]
东方真瘤水母	<i>E. orientalis</i> (Browne)
马来侧丝水母	<i>Helgicirrha malayensis</i> (Stiasny)
瘤手水母	<i>Tima formosa</i> L. Agassiz
四手卷丝水母	<i>Cirrhovenia tetraneura</i> Kramp
黑球真唇水母	<i>Eucheilota menoni</i> Kramp
心形真唇水母	<i>E. ventricularis</i> McCrady
四手触丝水母	<i>Lovenella assimilis</i> (Browne) [<i>Eucheilota menoni</i>]
环口线螅	<i>Filellum serratum</i> (Clarke) [<i>F. serpens</i>]
超短柄杯螅	<i>Hebella neglecta</i> Stechow
植从管螅	<i>Lafoea dumosa</i> (Fleming)
佳羽螅	<i>Aglaophenis whiteleggei</i> Bale
奇异坚鞘螅	<i>Pycnotheca mirabilis</i> (Allman)
拟毛状海榷螅	<i>Plumularia setaceoides</i> Bale
叉状桧叶螅	<i>Sertularia furcata</i> Trask
同形桧叶螅	<i>S. similis</i> Clark
黄海瓣螅	<i>Symplectoscyphus huanghaiensis</i> Tang et Huang
桃果小桧叶螅	<i>Sertularella inabai</i> Stechow
广口小桧叶螅	<i>S. miurrensis</i> Stechow
中华小桧叶螅	<i>S. sinensis</i> Jaderholm
同形柏螅	<i>Thuiaria similis</i> (Clark)
马氏柏螅	<i>T. marktanneri</i> Stechow

三列柏叶螅	<i>Selaginopsis trilateralis</i> Fraser
曲荑螅	<i>Synthecium campylocarpum</i> Allman
展连荑螅	<i>S. patulum</i> (Busk)
履状钟螅	<i>Campanularia calceolifera</i> Hincks
克氏殖口螅	<i>Gonothyraea clarki</i> (Maktanner-Turneretscher)
单囊美螅水母	<i>Clytia folleata</i> (McCrady) [<i>Phialidium folleatum</i>]
半球美螅水母	<i>C. hemisphaerica</i> (Linne) [<i>Phialidium hemisphaericum</i> , <i>C. edwardsi</i> , <i>C. minuta</i>]
筒美螅	<i>C. cylindrica</i> Agassiz
舌状直杯螅	<i>Orthopyxis integra</i> (Macgillivray) [<i>Campanularia integra</i>]
履状长钟螅	<i>Laomedea calceolifera</i> (Hincks)
双齿薮枝螅	<i>Obelia bidentala</i> Clark [<i>O. bicuspidata</i>]
双叉薮枝螅水母	<i>O. dichotoma</i> (Linnaeus) [<i>O. borealis</i> , <i>O. gelatinosa</i> , <i>O. gracilis</i> , <i>O. longissima</i> , <i>Campanularia gelatinosa</i>]
曲膝薮枝螅	<i>O. geniculata</i> (Linne)
中国根茎螅	<i>Rhizocaulus chinensis</i> (Marttanner-Turneretscher)
轮根茎螅	<i>R. verticillatus</i> (Linnaeus)
钩手水母	<i>Gonianemus vertens</i> A. Agassiz [<i>G. murbachii</i> v. <i>chekiangensis</i> , <i>G. m. v. oshro</i>]
四枝管水母	<i>Proboscidactyla flavigerrata</i> Brandt
异枝管水母	<i>P. mutabilis</i> (Browne) [<i>Willsia mutabilis</i>]
芽口枝管水母	<i>P. ornata</i> (McCrady) [<i>P. ornata</i> v. <i>gemmaifera</i>]
六枝管水母	<i>P. stellata</i> (Forbes)
四叶小舌水母	<i>Liriope tetraphylla</i> (Chamisso et Eysenhardt)
烟台异手水母	<i>Varitentaculata yantaiensis</i> He
八手筐水母	<i>Aeginura grimaldii</i> Maas
两手筐水母	<i>Solmundella bitentaculata</i> (Quoy et Gaimard)
华丽盛装水母	<i>Agalma elegans</i> (Sars)
气囊水母	<i>Physophora hydrostatica</i> Forskal
双生水母	<i>Diphyes chamissonis</i> Huxley [<i>Diphyopsis chamissonis</i>]
北极单板水母	<i>Dimophyes arctica</i> (Chun)
五角水母	<i>Muggiae atlantica</i> Cunningham
耳喇叭水母	<i>Haliclystus auricula</i> (Rathke)
斯坦喇叭水母	<i>H. steinegeri</i> Kishinouye
狭钵水母	<i>Stenoscyphus inabai</i> (Kishinouye)
正十字水母	<i>Kishinouyea nagatensis</i> (Oka)
十字佐氏水母	<i>Sasakiella cruciformis</i> Okubo
青岛佐氏水母	<i>S. tsingtaoensis</i> Ling
白色霞水母	<i>Cyanea nozakii</i> Kishinouye
发状霞水母	<i>C. capillata</i> (Linne)
棕色霞水母	<i>C. ferruginea</i> Eschscholtz
海月水母	<i>Aurelia aurita</i> (Linne)
海蜇	<i>Rhopilema esculentum</i> Kishinouye
口冠海蜇	<i>Stomolophus meleagris</i> L. Agassig

日本爱氏海葵	<i>Edwardsia japomica</i> Carlgren
星虫状爱氏海葵	<i>E. sipunculoides</i> Stimpson
须毛高令细指海葵	<i>Metridium senile fimbriatum</i> Verrill
黄海细指海葵	<i>M. huanghaiensis</i> Pei
中华细指海葵	<i>M. sinensis</i> Pei
等指海葵	<i>Actinia equina</i> (Linne)
青岛侧花海葵	<i>Anthopleura qingdaoensis</i> Pei
黄侧花海葵	<i>A. xanthogrammia</i> (Brandt)
绿侧花海葵	<i>A. midori</i> Uchida et Murmatsu
太平洋侧花海葵	<i>A. nigrescens</i> (Verrill) [<i>A. Pacifica</i>]
亚洲侧花海葵	<i>A. asiatica</i> Uchida et Murmatsu
放射侧花海葵	<i>A. ballii</i> Stephenson
纵条矶海葵	<i>Haliplanella luciae</i> Hand
日本似侧花海葵	<i>Gyractis japonica</i> (Verrill)
青岛敏捷海葵	<i>Actinothoe qingdaoensis</i> Pei
端行绿海葵	<i>Sagartia carcinophilus</i> Verrill
蕨形角海葵	<i>Cerianthus filiformis</i> Carlgren
海仙人掌	<i>Cavernularia obesa</i> Milne Edwards et Hailme
细弱前角涡虫	<i>Procerodes graciliceps</i> (Stimpson)
有角柄涡虫	<i>Stylochus corniculatus</i> Stimpson
微小柄涡虫	<i>S. pusilla</i> Bock
叶突薄扁涡虫	<i>Leptoplana trullaeformis</i> Stimpson
薄背平涡虫	<i>Notoplana humilis</i> (Stimpson)
杂色斜涡虫	<i>Plagiotata promiscus</i> Plehn
尖头弹涡虫	<i>Elasmodes acutus</i> (Stimpson)
平角涡虫	<i>Paraplanocera reticulata</i> (Stimpson)
厚涡虫	<i>Pseudostylochus obscuras</i> (Stimpson)
外伪角涡虫	<i>Pseudoceros exoplatus</i> Kato
暗前口涡虫	<i>Prosthiosomum obscurum</i> (Stimpson)
优美柄钩虫	<i>Hamatopeduncularia elegans</i> Bychowsky et Nagibina
简单柄钩虫	<i>H. simplex</i> Bychowsky et Nagibina
前膜三刺虫	<i>Triacanthinella principale</i> Bychowsky et Nagibina
波氏香盘虫	<i>Murraytrema pricei</i> Bychowsky et Nagibina
蛹海栖虫	<i>Haliotrema thysanophridis</i> (Yamaguti)
双钩虫	<i>Dionchus</i> sp.
美丽后微叶虫	<i>Metamicrocotyla gracillis</i> Li
前睾异钩盘虫	<i>Heterobothrium praeorchis</i> Bychowsky et Nagibina
中华锚盘虫	<i>Anchorophorus sinensis</i> Bychowsky et Nagibina
后藤叶虫	<i>Gotocotyle sawara</i> Ishii
日本轭联虫	<i>Zeuxapta japonica</i> Yamaguti
钵形前实吸虫	<i>Prosorhynchus crucibulum</i> (Rud)
尾崎前实吸虫	<i>P. ozakii</i> Manter
曾氏前实吸虫	<i>P. tsengi</i> Tsin

小卵后唇吸虫	<i>Opistholebes microovus</i> Ku et Shen
无斑异唇吸虫	<i>Heterolebes immaculosus</i> Ku et Shen
中华异唇吸虫	<i>H. sinensis</i> Gu et Shen
鲷异唇吸虫	<i>H. spari</i> Shen
斑点肛居吸虫	<i>Proctoeces maculatus</i> (Looss)
叶形叶睾吸虫	<i>Phyllodistomum folium</i> Braun
白姑鱼冠冕吸虫	<i>Stephanostomum argyrosomi</i> Shen
双冠冠冕吸虫	<i>S. bicoronatum</i> (Stossich)
烟管鱼冠冕吸虫	<i>S. fistulariae</i> Yamaguti
菜博冠冕吸虫	<i>S. lebourae</i> Cabellero
马面鲀鳞肉吸虫	<i>Lepocreadium navodonii</i> Shen
单棘伪肉吸虫	<i>Pseudocreadim monacanthi</i> Yamaguti
黄骅类鳞肉吸虫	<i>Lepocreadioides hunghuaensis</i> Qiu Zhang et Li
条鳎类鳞肉吸虫	<i>L. zebrini</i> Yamaguti
半口重肛吸虫	<i>Bianium hemistoma</i> (Ozaki)
连云港重肛吸虫	<i>B. lianyungangense</i> Shen
星鳗脊孔吸虫	<i>Notopours astrocongeris</i> Qiu et Li
鬼鲉孔肠吸虫	<i>Opecoelus inimici</i> Yamaguti
日本孔肠吸虫	<i>O. nipponicus</i> Yamaguti
褐菖鲉孔肠吸虫	<i>O. sedbastisci</i> Yamaguti
圆孔肠吸虫	<i>O. spaericus</i> Ozaki
芝罘孔肠吸虫	<i>O. zhifuensis</i> Qiu et Li
马面鲀拟孟氏吸虫	<i>Paramanteriella cantherini</i> Li Qiu et Zhang
海鲫孔腹吸虫	<i>Opegaster ditrematis</i> Yamaguti
鹦嘴鱼尾崎吸虫	<i>Ozakia callyodontis</i> Yamaguti
大连新绕宫吸虫	<i>Neohelicometra dalianensis</i> Li, Qiu et Zhang
黄姑肢盘吸虫	<i>Podocotyle nibeae</i> Qiu et Li
鲬拟等腔吸虫	<i>Paraisocoelium platycephali</i> Shen
隐盘双巢吸虫	<i>Biovarium cryptocotyle</i> Yamaguti
离腺双巢吸虫	<i>B. schistolecithale</i> Gu et Shen
青岛双巢吸虫	<i>B. tsingtaoensis</i> Gu et Shen
双枝囊双吸虫	<i>Didymozoon biramus</i> Ku et Shen
鮀囊双吸虫	<i>D. pleycephali</i> Ku et Shen
鮀囊双吸虫	<i>D. pneumatophori</i> Gu et Shen
螺旋囊双吸虫	<i>D. sparialis</i> Yamaguti
中华鱲双吸虫	<i>Lepidodidymozoon sinicum</i> Shen
黄海副分性吸虫	<i>Paragonapodasmius huanghaiensis</i> Shen
青鱲副半尾吸虫	<i>Parahemius harengulae</i> Yamaguti
青岛副半尾吸虫	<i>P. qingdaoensis</i> Shen
绿鳍颈源吸虫	<i>Derogenes chelidonichthydis</i> Shen
鳕颈源吸虫	<i>D. gadi</i> Shen
多变颈源吸虫	<i>D. varicus</i> (Muller)
竹筍鱼褶膜吸虫	<i>Ectenurus trachuri</i> Yamaguti

青岛壮叶吸虫	<i>Johniophyllum qingdaoensis</i> Shen
破割芽腺吸虫	<i>Lecithocladium excisum</i> (Rud.)
钩齿腺吸虫	<i>L. harpedontis</i> Srivastava
蛇蟠管囊吸虫	<i>Tubulovesicula sauridia</i> Gu et Shen
蟠隐尾吸虫	<i>Aphanurus mugilus</i> Tang
鬼鲉强尾吸虫	<i>Sterrurus inimici</i> Yamaguti
鮋槽头绦虫	<i>Bothriocephalus scorpi</i> (Mueller)
乳色叶槽绦虫	<i>Phyllobothrium lactuca</i> Beneden
膨大叶槽绦虫	<i>P. tumidum</i> Linton
双裂花槽绦虫	<i>Anthobothrium bifidum</i> Yamaguti
隔膜大槽绦虫	<i>Dinobothrium septaria</i> Beneden
胡氏鯽槽绦虫	<i>Echeneibothrium hui</i> Tseng
可弯鯽槽绦虫	<i>E. variabile</i> Beneden
贝氏钩槽绦虫	<i>Acanthobothrium benedeni</i> Loennberg
冠沟槽虫	<i>A. coronatum</i> (Rudolphi)
青岛钩槽绦虫	<i>A. tsingtaoense</i> Tseng
要氏耳槽绦虫	<i>Otobothrium linstowi</i> Southwell
混钩绦虫胚囊蚴	<i>Poecilancistrum</i> sp. <i>blastocyst</i>
线细首纽虫	<i>Cephalathrix linearis</i> Rathke
螺旋原细首纽虫	<i>Procephalathrix spiralis</i> Coe
斑管栖纽虫	<i>Tubulanus punctatus</i> (Takakura)
习见脑纽虫	<i>Cerebratulina communis</i> Takakura
白额纵沟纽虫	<i>Lineus alborostratus</i> Takakura
双线纵沟纽虫	<i>L. bilineatus</i> (Renier)
青纵沟纽虫	<i>L. fuscoviridis</i> Takadura
环纹纵沟纽虫	<i>L. geniculatus</i> (Delle Chiaje)
具沟纵沟纽虫	<i>L. torquatus</i> Coe
活泼纵沟纽虫	<i>L. vegetus</i> Coe
维氏小尾纽虫	<i>Micrura verrilli</i> Coe
多睾近纵沟纽虫	<i>Utolineus uberis</i> Gibson
无沟纽虫	<i>Baseodiscus curtus</i> Hubrecht
柔弱光纽虫	<i>Emplectonema gracile</i> Johnston
米氏光纽虫	<i>E. mitsuii</i> Yanaoka
卡氏拟纽虫	<i>Paranemertes katoi</i> Yamaoka
奇异拟纽虫	<i>P. peregrina</i> Coe
斑孔纽虫	<i>Amphiporus punctatulus</i> Coe
巨合纽虫	<i>Zygonemertes grandulosa</i> Yamaoka
黑额四眼纽虫	<i>Tetrastemma nigrifrons</i> Coe
咽台棘皮虫	<i>Echinoderes tchesouensis</i> Lou
牙鲆对盲线虫	<i>Contracaecum paralichthydis</i> Yamaguti
似轴咽齿线虫	<i>Odontophora axonolaimoides</i> Timm
滨齿线虫	<i>O. littoralis</i> Zhang
俏丽纤咽线虫	<i>Leptolaimus venustus</i> Lorenzen

泽兰合咽线虫	<i>Desmolaimus zealandicus</i> De Man
弱拟线型线虫	<i>Paralinhomoeus attenuatus</i> De Man
透明异单宫线虫	<i>Paramonhystera pellucida</i> (Cobb)
异黄棘刺线虫	<i>Theristus metaflevensis</i> Gerlach
滨棘刺线虫	<i>T. littoralis</i> Filipjev
交替吞咽线虫	<i>Daptonema alternum</i> (Wiesert)
管状吞咽线虫	<i>D. fistulatum</i> (Wieser et Hopper)
粗环吞咽线虫	<i>D. maeoticum</i> (Filipjev)
后多毛角棘线虫	<i>Gonionchus metavillosus</i> Zhang
细齿球咽线虫	<i>Bolbolaimus denticulatus</i> Cobb
脊突单茎线虫	<i>Monoposthia costata</i> (Bastian)
三齿棘线虫	<i>Acanthonchus (Seuratiella) tridentatus</i> Kito
大齿异棘线虫	<i>Paracanthonchus macrodon</i> (Ditlevsen)
四行点色矛线虫	<i>Chromadora quadrilinea</i> Chitwlld et Chitwood
澳氏前色矛线虫	<i>Prochromadora orleji</i> (De Man)
奇近色矛线虫	<i>Chromadorina miro</i> (Cobb)
阿木线条线虫	<i>Graphonema amokurae</i> (Ditlevsen)
北方矩齿线虫	<i>Steineridora borealis</i> Ktio
异毛联体线虫	<i>Paracomesoma heterosetosum</i> Zhang
翼萨巴线虫	<i>Sabatieria alata</i> Warwick
美丽萨巴线虫	<i>S. pulchra</i> (Schnerider)
点萨巴线虫	<i>S. punctata</i> (Kreis)
三道萨巴线虫	<i>S. trivialis</i> Tchesunov
多乳突软线虫	<i>Halichoanolaimus duodecimpapillatus</i>
五堡岛软线虫	<i>H. wulaidaensis</i> Zhang
狭深咽线虫	<i>Bathylaimus stenolaimus</i> Schuurmans Stekhoven et de Coninck
毛盔甲线虫	<i>Tharacostoma setosum</i> (Linstow)
库氏光皮线虫	<i>Phanoderma cocksii</i> Bastian
大茎光皮线虫	<i>P. macrophallum</i> Steiner
普通嘴刺线虫	<i>Enoplus communis</i> Bastian
多孔裸口线虫	<i>Anoplostoma copano</i> Chitwood
栈桥后瘤线虫	<i>Meoncholaimus moles</i> Zhang et Platt
尖瘤线虫	<i>Oncholaimus oxyuris</i> Ditlevsen
青岛瘤线虫	<i>O. qingdaoensis</i> Zhang et Platt
中华瘤线虫	<i>O. sinensis</i> Zhang et Platt
眼状阔口线虫	<i>Eurystomina ophthalmophora</i> (Steiner)
鮆棘头虫	<i>Acanthocephalus luzus</i> Li
鳕鱼棘吻棘头虫	<i>Echinorhynchus gadi</i> Zoega in Muller
鲑鱼棘吻棘头虫	<i>E. salmonis</i> Muller [<i>E. manaenae</i>]
后藤拟发吻棘头虫	<i>Gorgorhynchoides satoi</i> (Morisita)
壶状臂尾轮虫	<i>Brachionus ureus</i> (Linnaeus)
叶轮虫	<i>Notholca</i> sp.
螺形龟甲轮虫	<i>Keratella cochlearis</i> (Gosse)

颤动疣毛轮虫	<i>Synehata tremula</i> Muller
尾曳鳃虫	<i>Priapulus caudatus</i> Lamarck
黄海原[虫山而]虫	<i>Protodrilus huanghaiensis</i> Wu, Sun et Chen
红咽原[虫山而]虫	<i>P. rubropharzneus</i> Jagersten
单殖囊须虫	<i>Saccocirrus gabriellae</i> Marcus [<i>S. major</i>]
中华原须虫	<i>Nerilla sinica</i> Wu et Chen
圆毛好转虫	<i>Dinophilus gyrocalciatus</i> O. Schmidt
栗色仙须虫	<i>Nereiphysa castanea</i> (Marenea) [<i>Phyllodoce castanea</i> , <i>Genetyllis castanea</i>]
球叶须虫	<i>Phyllodoce gracilis</i> Kinberg
半突虫	<i>P. (Anaitides) groenlandica</i> Oersted
中华半突虫	<i>P. (A.) chinensis</i> (Uschakov et Wu)
乳突半突虫	<i>P. (A.) papillosa</i> (Uschakov et Wu) [<i>P. papillosa</i>]
巧言虫	<i>Eulalia viridis</i> (Linne)
双带巧言虫	<i>E. bilineata</i> (Johnston)
围巧言虫	<i>Eumida sanguinea</i> (Oersted) [<i>Eulalia sanguinea</i>]
白围巧言虫	<i>E. albopicta</i> (Marenzeller) [<i>Eulalia albopicta</i>]
管围巧言虫	<i>E. tubiformis</i> Moore [<i>Eulalia tubiformys</i>]
背叶虫	<i>Notophyllum foliosum</i> (Sars)
覆瓦背叶虫	<i>N. imbricatum</i> Moore
华彩背叶虫	<i>N. splendens</i> (Schmarda)
长双须虫	<i>Eteone longa</i> (Fabricius)
张氏神须虫	<i>E. (Mysta) tchangsi</i> Uschakov et Wu
色斑神须虫	<i>E. (M.) maculata</i> (Treadwell)
山东海叶虫	<i>Hesionra shandongensis</i> Zhao et Wu
秀丽浮蚕	<i>Tomopteris ekegans</i> Chun
拟特须虫	<i>Paralacydonia paradoxa</i> Fauvel
澳洲鳞沙蚕	<i>Aphrodita australis</i> Baird
海鼠鳞沙蚕	<i>A. talpa</i> Quatrefages
日本镖鳞虫	<i>Laetmonice japonica</i> McIntosh
斑目脆鳞虫	<i>Lepidasthenia ocellata</i> (McIntosh) [<i>L. elegans</i>]
穗鳞虫	<i>Halosydropsis pilosa</i> (Horst)
非拟海鳞虫	<i>Nonparahalosydnia pleiolepis</i> (Marenzeller) [<i>Polynoe pleiolepis</i> , <i>parahalosydnia pleiolepis</i>]
软背鳞虫	<i>Lepidonotus (L.) helotypus</i> (Grube) [<i>L. helotypus</i>]
相模背鳞虫	<i>L. (L.) sagamiana</i> (Izuka) [<i>Polynoe sagamiana</i>]
棒毛拟隐鳞虫	<i>Hermadionella truncata</i> (Moore) (<i>Hermadion truncata</i>)
渤海格鳞虫	<i>Gattyana pohaiensis</i> Uschakov et Wu
球异背鳞虫	<i>Paralepidonotus ampulliferus</i> (Grube) [<i>Malmgrenia ampulliferoidea</i>]
亚洲哈鳞虫	<i>Harmothoe asiatica</i> Uschakov et Wu
须优鳞虫	<i>Eunoe cf. barbata</i> Moore [<i>E. oerstedi</i> , <i>E. cf. oerstedi</i>]
黑斑蠕鳞虫	<i>Acoetes melanonota</i> (Grube) [<i>Panthalis melanonotus</i> , <i>Polyodontes melanonotus</i> , <i>P. gracilis</i>]

小腭多齿鳞虫	<i>Polyodontes maxillosus</i> Ranzani
刺锡鳞虫	<i>Sigalion spinosa</i> (Hartman) [<i>Thalemessia spinosa</i>]
亚洲锡鳞虫	<i>S. asiatica</i> (Ushakov et Wu) [<i>Thalemessia spinosa asiatica</i>]
埃刺梳鳞虫	<i>Ehlersileanira incisa</i> (Grube) [<i>Leanira izuensis</i>]
黄海刺梳鳞虫	<i>E. hwanghaiensis</i> (Uschakov et Wa) [<i>Leanira izuensis hwanghaiensis</i> , <i>E. izuensis hwanghaiensis</i>]
褐镰毛鳞虫	<i>Sthenelais fusca</i> Johnson [<i>S. boa</i>]
日本强鳞虫	<i>Sthenolepis japonica</i> (McIntosh) [<i>Leanira japonica</i>]
中华怪鳞虫	<i>Pholoe chinensis</i> Wu, Ding et Zhao
西方金扇虫	<i>Chrysopetalum occidentale</i> Johnson
背稃虫	<i>Paleanotus chrysolepis</i> Schmarda
非洲异触虫	<i>Pisione africana</i> Day
滑毛异触虫	<i>P. levisetosa</i> Zhao et Wu
非洲变形异足虫	<i>Heteropodarke heteromorpha africana</i> Hartman Schroder
南非英虫	<i>Gyptis capensis</i> (Day)
小健足虫	<i>Micropodarke dubia</i> (Hessle) [<i>Kefersteima dubia</i> , <i>Micropodarke amemiyai</i>]
双须微目虫	<i>Microphthalmus biantenna</i> Zhao et Wu
太平哈氏微目虫	<i>M. hartmanae pacificus</i> Yamanishi
沙巢海女虫	<i>Hesionides arenaria</i> Friedrich
伯克利白毛虫	<i>Pilargis berkeleyi</i> Monro
深钩毛虫	<i>Sigambra bassi</i> (Hartman)
长须钩毛虫	<i>S. tentaculata</i> (Treadwell)
中华合甲虫	<i>Synelmis sinica</i> Sun et Chen
白毛钩裂虫	<i>Ancistrosyllis pilargiformis</i> Uschakou et Wu
钩裂虫	<i>A. groenlandica</i> McIntosh
钩虫	<i>Cabira incerta</i> Webster
黄海节角虫	<i>Pettia amphophthalma huanghaiensis</i> Wu, Ding et Zhao
大型自裂虫	<i>Autolytus cf. magnus</i> Berkeley
小刺自裂虫	<i>A. spinoculatus</i> Inajina
明点真裂虫	<i>Eusyllis blomstrandi</i> Malmgren
胖真裂虫	<i>E. inflata</i> (Marenzeller)
裸裂虫	<i>Pionosyllis compacta</i> Malmgren
美丽裸裂虫	<i>P. magnifica</i> Moore
斑齿裂虫	<i>Odontosyllis maculata</i> Uschakov
武齿裂虫	<i>O. enopla</i> verrill
棒格裂虫	<i>Brania clavata</i> (Claparede)
具芽艾裂虫	<i>Exogone gemmifera</i> Pagenstecher
小芽艾裂虫	<i>E. verugera</i> Claparede
不等艾裂虫	<i>E. dispar</i> (Webster)
四芽艾裂虫	<i>E. naidina</i> Oersted
长须猥球裂虫	<i>Sphaerosyllis longicauda</i> Webster et Benedict
腺猥球裂虫	<i>S. glandulata</i> Perkins

梨猥球裂虫	<i>S. periferopsis</i> Perkins
刺猥球裂虫	<i>S. erinaceus</i> Claparede
小猥球裂虫	<i>S. hirsuta</i> Ehlers
特猥球裂虫	<i>S. pirifera</i> Claparede
额刺裂虫	<i>Ehlersia cornuta</i> Rathke [<i>Syllis cornuta</i> , <i>Langerhansia cornuta</i>]
千岛模裂虫	<i>Typosyllis adamantens kurilensis</i> Chlebovisch [<i>Syllis decorus</i>]
似环模裂虫	<i>T. armillaris</i> (Muller) [<i>Syllis armillaris</i>]
扁模裂虫	<i>T. fasciata</i> Malmgten [<i>Syllis fasciata</i>]
杂色模裂虫	<i>T. variegata</i> (Grube)
胖模裂虫	<i>T. inflata</i> Marenaeller [<i>Syllis inflata</i>]
黄色模裂虫	<i>T. lutea</i> Hartmann Schroder
透明模裂虫	<i>T. hyalina</i> Grube
长须钟裂虫	<i>Campesyllis longicirrus</i> Wu et Ding
多美沙蚕	<i>Lycastopsis augenari</i> Okuda
背褶沙蚕	<i>Tambalagamia fauveti</i> Pillai [<i>Ceratocephala sibogae</i>]
异足中华沙蚕	<i>Sinonereis heteropoda</i> Wu et Sun
珠角裸沙蚕	<i>Nicon moniloceras</i> (Hartman) [<i>Leptonereis glauca moniloceras</i>]
中华裸沙蚕	<i>N. sinica</i> Wu et Sun
鳞须舌沙蚕	<i>Rullierinereis elytrocirra</i> Wu et Sun
光突齿沙蚕	<i>Leonnates persica</i> Wesenberg Lund
拟突齿沙蚕	<i>Paraleonnates uschkovi</i> Chlebovitsch et Wu
环唇沙蚕	<i>Cheillonereis cyclurus</i> (Harrington)
双管阔沙蚕	<i>Platynereis bicanaliculata</i> (Baird) [<i>Nereis Dumerilii</i> , <i>N. Kobiensis</i> , <i>N. agassizi</i> , <i>Platynereis agassizi</i>]
真齿沙蚕	<i>Nereis neoneanthes</i> Hartman
异须沙蚕	<i>N. heterocirrata</i> Greadwell
多齿沙蚕	<i>N. multignatha</i> Imajima et Hartman
旗须沙蚕	<i>N. vexillosa</i> Grube [<i>N. ezoensis</i>]
游沙蚕	<i>N. pelagica</i> Linnaeus
环带沙蚕	<i>N. Zonata</i> Malmgren [<i>N. zonata tigrina</i>]
宽叶沙蚕	<i>N. grubei</i> (Kinberg)
三带沙蚕	<i>N. trifasciata</i> Grube
黄海沙蚕	<i>N. huanghaiensis</i> Wu
长须沙蚕	<i>N. longior</i> Chlebovitsch et Wu
中华沙蚕	<i>N. sinensis</i> Wu
多齿义毛沙蚕	<i>N. falcaria multignatha</i> Wu et Sun
日本刺沙蚕	<i>Neanthes japonica</i> (Izuka)
黄色刺沙蚕	<i>N. flava</i> Wu et Sun
多齿全刺沙蚕	<i>N. multignatha</i> Wu
锐足全刺沙蚕	<i>N. oxypoda</i> (Marenzeller) [<i>Nereis oxypoda</i> , <i>N. (Neanthes) oxypoda</i> , <i>Neanthes oxypoda</i>]
红角沙蚕	<i>Ceratonereis erythraeenis</i> Fauvel [<i>Nereis (C.) erythraeensis</i>]
双齿围沙蚕	<i>Perinereis aibuhitensis</i> Grube [<i>Nereis aibuhitensis</i> , <i>N. (Neanthes) linea</i> , <i>N. (Perinereis) aibuhitensis</i> , <i>N. (Neanthes) linea</i>]

	<i>orientalis</i>]
弯齿围沙蚕	<i>P. camiguinoides</i> Augener [<i>Nereis (P.) camiguinoides</i>]
短角围沙蚕	<i>P. n. brevicirris</i> (Grube) [<i>P. brevicirris</i>]
枕围沙蚕	<i>P. n. vallata</i> (Grube) [<i>perinereis vallata</i>]
典型围沙蚕	<i>P. c. typica</i> Grube
锡围沙蚕	<i>P. c. helleri</i> Grube
佛州围沙蚕	<i>P. c. floridana</i> Ehlers
杂色伪沙蚕	<i>Pseudonereis variegata</i> (Grube)
白色吻沙蚕	<i>Glycera alba</i> (Muller)
锥唇吻沙蚕	<i>G. onomichiensis</i> Izuka
中锐吻沙蚕	<i>G. rouxu</i> Aud. et M. Edw
细弱吻沙蚕	<i>G. tenuis</i> Hartman
倦旋吻沙蚕	<i>G. convoluta</i> Keferstein
头吻沙蚕	<i>G. capitata</i> Oersted
强吻沙蚕	<i>G. robusta</i> Ehlers
小吻沙蚕	<i>G. clecipliens</i> Marenzeller
长突半足沙蚕	<i>Hemipodus yenourensis</i> Izuka
寡节甘吻沙蚕	<i>Glycinde gurjanvae</i> Uschakov et Wu
日本角吻沙蚕	<i>Goniada japonica</i> Izuka
斑角吻沙蚕	<i>G. maculata</i> Oersted
中华内卷齿蚕	<i>Aglaophamus sinensis</i> Fauvel [<i>Nephtys sinensis</i> N. (A.) <i>sinensis</i>]
无疣卷吻沙蚕	<i>Inermonephtys</i> cf. <i>inermis</i> (Ehlers) [<i>Nephtys (Aglaophamus) inermis</i>]
囊叶卷吻沙蚕	<i>Nephtys caeca</i> (Fabricius)
加州卷吻沙蚕	<i>N. californiensis</i> Haitman
毛齿卷吻沙蚕	<i>N. ciliata</i> (Muller)
寡鳃卷吻沙蚕	<i>N. oligobranchia</i> Southern
多鳃卷吻沙蚕	<i>N. polybranchia</i> Southern
长毛齿卷吻沙蚕	<i>N. longosetosa</i> Oersted
奇异卷吻沙蚕	<i>N. paradoxa</i> Malmquer
球小卷吻沙蚕	<i>Micronephtys sphaerocirrata</i> (Wesenberg-Lund)
长锥虫	<i>Haploscoloplos elongatus</i> (Johnson)
有齿居虫	<i>Naineris dendritica</i> (Kinberg)
仙居虫	<i>N. laevigata</i> (Grube)
叉毛锥头虫	<i>Orbinia dicrochaeta</i> Wu
无须锥头虫	<i>O. exarmata</i> (Fauvel)
叉毛矛毛虫	<i>Phylo ornatus</i> (Verrill)
矛毛虫	<i>P. felix</i> Kinberg [<i>P. felix asiaticus</i>]
红刺尖锥虫	<i>Scoloplos (Leodamas) rubra</i> (Webster) [<i>S. (L.) rubra pacifica</i>]
膜囊尖锥虫	<i>S. (S.) marsupialis</i> Southern
太平洋尖维虫	<i>S. (S.) chrysochaeta</i> Wu
独指虫	<i>Aricidea fragilis</i> Webster [<i>A. Fragilis caeca</i>]

诺氏独指虫	<i>A. (Allia) nolani</i> Webster et Benedict
太平洋单毛虫	<i>Aedicira pacifica</i> Hartman
叉毛卷须虫	<i>Cirrophorus furcatus</i> (Hartman)
鳃卷须虫	<i>C. branchiatus</i> Ehlers
太平洋卷须虫	<i>C. neapolitanus pacificus</i> Zhao et Wu
细陶毛虫	<i>Taubera gracilis</i> (Tauber)
双形拟单指虫	<i>Cossurella dimorpha</i> Hartman [<i>Cossura coasta</i> , <i>Heterocossura aciculata</i>]
吻蛇稚虫	<i>Boccardia proboscidea</i> Hartman
钩小蛇稚虫	<i>Boccardiella hamata</i> (Webster)
凿贝才女虫	<i>Polydora ciliata</i> (Johnston)
格才女虫	<i>P. giardi</i> Mesnil
日本伪才女虫	<i>Pseudopolydora kempfi japonica</i> Imajima et Hartman
膜质才女虫	<i>Ps. Kempfi</i> (Southern)
锥稚虫	<i>Aonides oxycephala</i> (Sars)
后指虫	<i>Laonice cirrata</i> (Sars)
马丁海稚虫	<i>Spio martinensis</i> Mesnil
蚕光稚虫	<i>Spiophanes bombyx</i> (Claparede)
球角腹沟虫	<i>Scolelepis (Nerinides) globosa</i> Wu et Chen
奇异稚齿虫	<i>Paraprionospio pinnata</i> (Ehlers) [<i>Prionospio pinnata</i> , <i>P. (Paraprionospio) pinnata</i>]
矮小稚齿虫	<i>Prionospio (Apoprionospio) pygmaea</i> (Hartman) [<i>P. pygmaeus</i> , <i>Apoprionospio pygmaea</i>]
昆士兰稚齿虫	<i>P. (P.) queenslandica</i> Blake et Kudenov
丝鳃稚齿虫	<i>P. malmgreni</i> Claparede
日本稚齿虫	<i>P. japonica</i> Okuda
袋稚齿虫	<i>P. ehlersi</i> Fauvel
须稚齿虫	<i>P. cirrifera</i> Wiren
咽鼻稚虫	<i>Rhynchospio glutaea</i> (Ehlers)
尖叶长手沙蚕	<i>Magelona cineta</i> Ehlers
日本长手沙蚕	<i>M. japonica</i> Okuda
太平洋长手沙蚕	<i>M. pacifica</i> Monro
乳突长手沙蚕	<i>M. papilliorum</i> Muller
蛇杂毛虫	<i>Poecilochaetus serpens</i> Allen
约氏杂毛虫	<i>P. johnsoni</i> Hastman
中华异稚虫	<i>Heterospio sinica</i> Wu et Chen
磷虫	<i>Chaetopterus variopedatus</i> (Renier)
日本中磷虫	<i>Mesochaetopterus japonicus</i> Fujiwara
叶磷虫	<i>Phyllochaetopterus claparedii</i> McIntoah
刚鳃虫	<i>Chaetozone setosa</i> Malmgren
金毛丝鳃虫	<i>Cirratulus chrysoderma</i> Claparede
细丝鳃虫	<i>C. filiformis</i> Keferstein
须丝鳃虫	<i>C. cirratus</i> (Muller)
须鳃虫	<i>C. tentaculata</i> (Montaau)

半带须鳃虫	<i>C. semicincta</i> (Ehlers)
钙珊虫	<i>Dodecaceria concharum</i> Oersted
富氏钙珊虫	<i>D. fewkesi</i> Berkeley et Bakeley
多丝独毛虫	<i>Tharyx multifilis</i> Moore
马氏独毛虫	<i>T. marioni</i> (Saint-Joseph)
方格独毛虫	<i>T. tesselata</i> Hartman
强状项须虫	<i>Acrocirrus validus</i> Marenzeller
小头虫	<i>Capitella capitata</i> (Fabricius)
异蚓虫	<i>Heteromastus filiformis</i> (Claparede)
背蚓虫	<i>Notomastus latericeus</i> Sars
持真节虫	<i>Euclymene annandalei</i> Southern
曲强真节虫	<i>E. lombricoides</i> (Quatrefages)
漏斗节须虫	<i>Isocirrus cf. watsoni</i> (Gravier) [<i>Clymene (Euclymene) watsoni</i>]
太平洋拟节虫	<i>Praxillella pacifica</i> Berkeley
拟节虫	<i>P. praetermissa</i> (Malmgren) [<i>Praxilla praetermissa</i>]
五岛短脊虫	<i>Asychis gotoi</i> (Izuka)
异齿短脊虫	<i>A. disparidentata</i> (Moore)
缩头节节虫	<i>Maldane sarsi</i> Malmgren
带质征节虫	<i>Nicomache personata</i> Johnson
单钩襟节虫	<i>Clymenella cincta</i> (Saint-Joseph)
中阿曼吉虫	<i>Armandia intermedia</i> Fauvel
矛形阿曼吉虫	<i>A. lanceolata</i> Willey
沙枝软鳃海蛹	<i>Euzonus dillonesis</i> (Hartman)
虾夷软鳃海蛹	<i>E. ezoensis</i> (Okuda)
软鳃海蛹	<i>E. arcticus</i> Grube
粘海蛹	<i>Ophelia cf. limacina</i> (Rathke)
角海蛹	<i>O. acuminata</i> Oersted [<i>Ammotrypane aulogaster</i>]
多眼虫	<i>Polyopthalmus pictus</i> Dujardin
日本臭海蛹	<i>Travisia japonica</i> Fujiwara
紫臭海蛹	<i>T. pupa</i> Moore
太平洋瘤首虫	<i>Hyboscolex pacificus</i> (Moore)
梯毛虫	<i>Scalibregma inflatum</i> Rathke
小瘤犹帝虫	<i>Eurythoe parvecarunculata</i> Horst
黄斑海毛虫	<i>Chloeia flava</i> (Pallas)
含糊拟刺虫	<i>Linopherus ambigua</i> (Monro) [<i>Pseudeurythoe ambigua</i>]
边鳃拟刺虫	<i>L. pancibranchiata</i> (Fauvel) [<i>P. pancibranchiata</i>]
智利巢沙蚕	<i>Diopatra chilensis</i> Quatrefages [<i>D. neapolitana</i> , <i>D. bilogata</i>]
日本巢沙蚕	<i>D. sugokai</i> Izuka
蜈蚣欧努菲虫	<i>Onuphis geophiliformis</i> (Moore) [<i>Nothria geophiliformis</i> , <i>O. (N.) geophiliformis</i>]
欧努菲虫	<i>O. eremita</i> Audouin et M. Edwards
中华欧努菲虫	<i>O. chinensis</i> Uschakov et Wu
羽鳃矶沙蚕	<i>Eunice pennata</i> (Muller)

岩虫	<i>Marpysa sanguinea</i> (Montagu) [<i>M. iwamusi</i>]
掌鳃索沙蚕	<i>Ninoe palmata</i> Moore
异足索沙蚕	<i>Lumbrineris heteropoda</i> (Marenzeller)
长叶索沙蚕	<i>L. longifolia</i> Imajima et Hartman [<i>Lumbriconereis debilis</i>]
四索沙蚕	<i>L. tetraura</i> (Schmarda) [<i>Lumbriconereis impatiens</i>]
短叶索沙蚕	<i>L. latreilli</i> Audouin et M. Edwards
双唇索沙蚕	<i>L. cruzensis</i> Hartman
圆头索沙蚕	<i>L. inflata</i> (Moore)
日本索沙蚕	<i>L. japonica</i> (Marenzeller)
花索沙蚕	<i>Arabella iricolor</i> (Montagu)
粗状线沙蚕	<i>Drilonereis robustus</i> (Moore)
寄花索沙蚕	<i>Labrorostratus parasiticus</i> Saint Josep
毛轮沙蚕	<i>Ophryotrocha puerilins</i> Claparede de Metschnikov
伪豆维虫	<i>Dorvillea</i> cf. <i>pseudorubrovittata</i> Berkeley [<i>D. moniloceras</i>]
日本叉毛豆维虫	<i>Schistomerings japonica</i> (Annenkova) [<i>Dorvillea japonica</i>]
不倒翁虫	<i>Sternaspis scutata</i> (Renier)
欧文虫	<i>Owenia fusformis</i> Delle Chiaje
孟加拉海扇虫	<i>Pherusa</i> cf. <i>bengalensis</i> (Fauvel) [<i>Stylarioides bengalensis</i>]
海扇虫	<i>P. plumosa</i> (Muller) [<i>Stylarioides plumosa</i>]
绒毛肾扇虫	<i>Brada villosa</i> (Rathke)
圆肾扇虫	<i>B. mammillata</i> Grube
锥毛似帚毛虫	<i>Lygdamis giardi</i> (Mcintosh)
亚洲帚毛虫	<i>Sabellaria ishikawai</i> Okuda
日本双边帽虫	<i>Amphictene japonica</i> Nilsson [<i>Pectinaria japonica</i> , <i>P. (A.) japonica</i>]
连膜帽虫	<i>Lagis bocki</i> (Hessle) [<i>Pectinaria (L.) bockis</i>]
那不勒斯膜帽虫	<i>L. neapolitana</i> Claparede [<i>Pectinaria (L.) neapolitana</i>]
革质笔帽虫	<i>Pectinaria dimai</i> Zachs
双栉虫	<i>Ampharete acutifrons</i> (Grube)
北极双栉虫	<i>A. arctica</i> (Malmgren)
回双栉虫	<i>A. reducta</i> Chamgelin
扇栉虫	<i>Amphicteis gunneri</i> (Sars)
麦扇栉虫	<i>A. mederi</i> Annenkova
伟达等栉虫	<i>Isolda whydahensis</i> Augener
米列虫	<i>Melinna cristata</i> (Sars)
泥米列虫	<i>M. elisabethae</i> McIntosh
苏羽鳃栉虫	<i>Schistocomus sovjeticus</i> Annenkova
羽鳃栉虫	<i>S. hiltoni</i> Chamberlin
梳鳃虫	<i>Terebellides stroemii</i> Sars
双毛鳃虫	<i>Trichobranchus bibranchiatus</i> Moore
吻螯虫	<i>Artacama proboscidea</i> Malmgren
西方似螯虫	<i>Amaeana occidentalis</i> (Hartman)
单足似螯虫	<i>A. antipoda</i> Augener

似螯虫	<i>A. trilobata</i> (Sars)
扁螯虫	<i>Loimia medusa</i> (Savigny)
树螯虫	<i>Pista cristata</i> (Muller)
短鳃树螯虫	<i>P. brevibranchia</i> Caullery
丛生树螯虫	<i>P. fasciata</i> (Grube)
太平洋树螯虫	<i>P. pacifica</i> Berkeley
长突树螯虫	<i>P. elongata</i> Moore
强状树螯虫	<i>P. robustiseta</i> Caullery
贾氏树螯虫	<i>P. zachsi</i> Annenkova
强状头螯虫	<i>Neoamphitrite robusta</i> (Johnson)
琴螯虫	<i>Lanice conchilega</i> (Palla)
埃氏螯龙介虫	<i>Terebella ehrenbergi</i> Grube
管缨虫	<i>Chone infundibuliformis</i> Kroyer
光滑管缨虫	<i>C. teres</i> Bush
胶管虫	<i>Myxicola infundibulum</i> (Renier)
温哥华真旋虫	<i>Eudistylis vancouveri</i> (Kinberg) [<i>Potamilla chiaochouensis</i>]
巨刺缨虫	<i>Potamilla cf. myriops</i> Marenzeller
肾刺缨虫	<i>P. reniformis</i> (Muller)
结节刺缨虫	<i>P. torelli</i> Malmgren
缨鳃虫	<i>Sabella penicilllus</i> Linnaeus [<i>S. pavonina</i>]
温哥华双旋虫	<i>Bispira vancouveri</i> (Kinberg)
原管虫	<i>Protula tubularia</i> (Montagu)
迪氏线管虫	<i>Salmacina dysteri</i> (Huxley)
角管虫	<i>Ditrupa arietina</i> (Muller)
华美盘管虫	<i>Hyddroides elegans</i> (Haswell) [<i>H. norvegica</i>]
内刺盘管虫	<i>H. ezoensis</i> Okuda
分离盘管虫	<i>H. dirampha</i> Morch [<i>H. lunulifera</i>]
细爪盘管虫	<i>H. inornata</i> Pillai
原盘管虫	<i>H. prisca</i> Pillai
小刺盘管虫	<i>H. fusicola</i> Morch [<i>H. uncinata</i>]
龙介虫	<i>Serpula vermicularis</i> Linnaeus
三犄旋鳃虫	<i>Spirobranchus tricornis</i> (Morch)[<i>S. tricornigerus</i>]
锐丛旋虫	<i>Bushiella argutus</i> (Bush)
环旋虫	<i>Circeis spirillum</i> (Linnaeus)
蜂窝右旋虫	<i>Dexiospira alveolatus</i> Zachs [<i>Spirorbis</i> (<i>Dexiospira</i>) <i>nipponicus</i>]
有孔右旋虫	<i>D. foraminosus</i> Busch [<i>Spirorbis foraminosus</i> , <i>Neodexiospira foraminosus</i>]
栉[虫山而]虫	<i>Ctenodrilus serratus</i> Schmidt
多泥埃蚓	<i>Ainudrilus lutulentus</i> (Erseus)
双钩会蚓	<i>Heronidrilus bihamis</i> Erseus et Jamieson
红单孔蚓	<i>Monopylephorus rubroniveus</i> Levinson
艾氏深管蚓	<i>Bathydrilus edwardsi</i> Erseus

软虚蚓	<i>Doliodrilus tener</i> Erseus
洁沼蚓	<i>Limnodriloides agnes</i> Hrabe
维多利亚沼蚓	<i>L. victoriensis</i> Brinkhurst et Baker
皮氏盖蚓	<i>Tectidrilus pictoni</i> (Erseus)
斯氏王冠蚓	<i>Stephensonella sterreri</i> (Lasserre et Erseus)
岸海尼蚓	<i>Marionina coatesae</i> Erseus
光海尼蚓	<i>M. levitheca</i> Erseus
泥海尼蚓	<i>M. nevisensis</i> Righi et Kanner
金氏线蚓	<i>Enchytraeus kincaidi</i> Eisen
线形蚓属	<i>Lumbricillus</i> sp.
潮间泮蚓	<i>Pontodrilus litoralis</i> (Grube)
安岛反体星虫	<i>Antillesoma antillarum</i> (Grube et Oersted) [<i>Phascolosoma onomichianumi</i> ; <i>P. similis</i>]
黑色缨心星虫	<i>Thysanocardia nigra</i> (Ikeda) [<i>Phascolosoma pyriformis</i>]
多皱无吻螠	<i>Arhynchite rugosum</i> Chen et Yeh
短吻铲荑螠	<i>Listriolobus brevirostris</i> Chen et Yeh
雅丽池体螠	<i>Ikedosoma elegans</i> (Ikeda)
单环棘螠	<i>Urechis unicinctus</i> (Von Drasche)
带状池田螠	<i>Ikeda taenioides</i> (Ikeda)
低粒鳞侧石鳖	<i>Lepidochiton rugatus</i> Carpenter [<i>Lepidopleurus assimilis</i>]
函馆锉石鳖	<i>Ischnochiton hakodaensis</i> Pilsbry
花斑锉石鳖	<i>I. comptus</i> (Gould)
朝鲜鱗帶石鳖	<i>Lepidozona coreanica</i> (Reeve)
日本磷帶石鳖	<i>L. nipponica</i> (Berry)
史氏鬃毛石鳖	<i>Mopalia schrencki</i> Thiele
红条毛肤石鳖	<i>Acanthochiton rubrolineatus</i> (Lischke)
盾形毛肤石鳖	<i>A. scutiger</i> (Reeve)
异毛肤石鳖	<i>A. dissimilis</i> Is et Iw Taki
小胡桃蛤	<i>Nucula</i> (<i>Nucula</i>) <i>paulula</i> A. Adams
东京胡桃蛤	<i>N. (Lamellihucula) tokyoensis</i> Yokoyama
日本胡桃蛤	<i>N. (L.) nipponica</i> Smith
奇异指纹蛤	<i>Acila mirabilis</i> (Adams et Reeve)
粗纹吻状蛤	<i>Nuculana</i> (<i>T.</i>) <i>yokoyamai</i> Kusoda
佐渡吻状蛤	<i>N. (Nuculana) sadoensis</i> (Yokoyama)
密纹小囊蛤	<i>Saccella gordonis</i> (Yokoyama)
醒目云母蛤	<i>Yoldia notabilis</i> Yokoyama
薄云母蛤	<i>Y. similis</i> Kuroda et Habe
日本梯形蛤	<i>Portlandia japonica</i> (Adams et Reeve)
榛蚶	<i>Arca avellana</i> Lamarck
布氏蚶	<i>A. boucardi</i> Jousseaume
双纹须蚶	<i>Barbatia bistrigata</i> (Dunker)
魁蚶	<i>Scapharca broughtonii</i> (Schrenck) [<i>Arca inflata</i>]
毛蚶	<i>S. subcrenata</i> (Lischke) [<i>Arca subcrenata</i>]

对称拟蚶	<i>Arcopsis symmetrica</i> (Reeve)
间褶拟蚶	<i>A. interplicata</i> (Grabau et King) [<i>Striarca interplicata</i>]
橄榄蚶	<i>Estellarca olivacea</i> (Reeve) [<i>Arca (Barbatia) olivacea</i>]
褐蚶	<i>Didimacar tenebrica</i> (Reeve) [<i>Arca tenebrica</i>]
虾夷蚶蜊	<i>Glycymeris yessoensis</i> (Sowerby)
厚壳贻贝	<i>Mytilus coruscus</i> Goyld
紫贻贝	<i>M. galloprovincialis</i> Lamarck [<i>M. edulis</i>]
偏顶蛤	<i>Modiolus (Modiolus) modiolus</i> (Linnaeus)
带偏顶蛤	<i>M. (M.) comptus</i> Sowerby [<i>M. barbatus</i>]
角偏顶蛤	<i>M. (M.) metcalfei</i> Hanley
长偏顶蛤	<i>M. (M.) elongatus</i> (Swainson) [<i>M. subrugosa</i> , <i>Volsella subrugosa</i>]
凸壳肌蛤	<i>Musculista senhausia</i> (Benson) [<i>Brachydontes senhousei</i> , <i>B. aquarius</i> , <i>Musculus senhousei</i>]
黑肌蛤	<i>Musculus (Musculus) nigrus</i> (Gray)
云石肌蛤	<i>M. (Modiolarca) cupreus</i> (Gould) [<i>M. marmoratus</i>]
珊瑚绒贻贝	<i>Gregariella coralliphaga</i> (Gmelin)
中华细齿蛤	<i>Arvella sinica</i> (Wang et Tsi) [<i>Crenella sinica</i> Wang et Tsi]
绢安乐贝	<i>Solamen spectabilis</i> (A. Adams)
黑莽麦蛤	<i>Xenostrobus atratus</i> (Lischke) [<i>Vignadula atrata</i>]
细尖石蛏	<i>Lithophaga mucronata</i> (Philippi)
栉江珧	<i>Atrina (Servatrina) pectinata</i> (Linnaeus) [<i>Pinna pectinata</i> , <i>P. inflata</i> , <i>A. pectinata lischkeana</i> , <i>A. pectinata japonica</i>]
栉孔扇贝	<i>Chlamys (Azumpecten) farreri</i> (Jones et Preston)
扁隐扇贝	<i>Cryptopecten complanatus</i> Wang
平瀨掌扇贝	<i>Volachlamys hirasei</i> (Bavay) [<i>Chlamys solaris</i> , <i>C. teilhardi</i>]
嵌条扇贝	<i>Pecten (Notovola) albicans</i> (Schroter)
函馆雪锉蛤	<i>Limaria (L.) hakodatensis</i> (Tokunaga)
盾形单筋蛤	<i>Monia umbonata</i> (Gould)
长牡蛎	<i>Crassostrea gigas</i> (Thunberg) [<i>Ostrea gigas</i> Thunberg]
近江牡蛎	<i>C. rivularis</i> (Gould) [<i>Ostrea rivularis</i> Gould]
僧帽牡蛎	<i>Saccostrea cucullata</i> (Born) [<i>Ostrea cucullata</i> , <i>O. piicatula</i>]
密鳞牡蛎	<i>Ostrea denselamellosa</i> Lischke
褶牡蛎	<i>Alectryonella plicatula</i> (Gmelin)
猫爪牡蛎	<i>Talonostrea talonata</i> Spnon [<i>Ostrea pestigris</i>]
斯氏无齿蛤	<i>Anodontia stearnsiana</i> Oyama [<i>Lucina philippiana</i>]
薄索足蛤	<i>Thyasira (Thyasira) tokunagaii</i> Kuroda et Habe
吉明圆蛤	<i>Cycladicama cumingi</i> (Hanley)
托氏圆蛤	<i>C. tsuchii</i> Yamamoto et Habe [<i>Joannisiella tsuchii</i>]
灰双齿蛤	<i>Felaniella usta</i> (Gould)
栗色拉沙蛤	<i>Lasaea nipponica</i> Keen [<i>Lasaea undulata</i>]
豆形凯利蛤	<i>Kellia porculus</i> Pilsbry
绒蛤	<i>Borniopsis tsurumaru</i> Habe
藤田花瓣蛤	<i>Fronsella fujitaniana</i> (Yokoyama)

拟斧蛤	<i>Nipponomyssella oblongata</i> (Yokoyama)
内壳德文蛤	<i>Devonia semperi</i> (Ohshima) [<i>Entovalva semperi</i>]
铁锈帘心蛤	<i>Megacardita ferruginosa</i> (Adams et Reeve) [<i>Venericardita ferruginosa</i>]
细刻饰线鸟蛤	<i>Nemocardium samarangae</i> (Makiyama)
加州扁鸟蛤	<i>Clinocardium californiense</i> (Deshayes)
滑项薄壳鸟蛤	<i>Fulvia mutica</i> (Reeve)
欧克薄壳鸟蛤	<i>F. oxygona</i> (Sowerby)
中国蛤蜊	<i>Mactra (Mactra) chinensis</i> Philippi [<i>M. sulcata</i>]
四角蛤蜊	<i>M. (M.) veneriformis</i> Reeve [<i>M. quadriangularis</i>]
女神蛤蜊	<i>M. aphrodina</i> Reeve
西施舌	<i>Coelomactra antiquata</i> (Spengler) [<i>Mactra spectabilis</i> , <i>M. antiquata</i>]
斧薄蛤蜊	<i>Mactrimula dolabrata</i> (Reeve)
中日立蛤	<i>Meropesta sinojaponica</i> Zhuang
透明脆蛤	<i>Raeta (Raetina) pellicula</i> (Reeve)
鸟喙小脆蛤	<i>Raetellops pulchella</i> (Adams et Reeve)
中国朽叶蛤	<i>Coecella chinensis</i> Deshayes
九州斧蛤	<i>Tentidonax kiusiuensis</i> (Pilsbry) [<i>Donax kiusiuensis</i>]
被角樱蛤	<i>Angulus vestalioides</i> (Yokoyama)
扁角樱蛤	<i>A. compressissimus</i> (Reeve)
圆楔樱蛤	<i>Cadella narutoensis</i> Habe
彩虹明樱蛤	<i>Moerella iridescens</i> (Benson)
江户明樱蛤	<i>M. jedoensis</i> (Lischke) [<i>Tellina jedoensis</i>]
红明樱蛤	<i>M. rutila</i> (Dunker)
虹光亮樱蛤	<i>Nitidotellina iridella</i> (Martens)
小亮樱蛤	<i>N. minuta</i> (Lischke)
小白樱蛤	<i>Macoma murrayi</i> (Grabau et King)
明细化白樱蛤	<i>M. (Macoma) praetexta</i> (Martens)
浅黄白樱蛤	<i>M. (M.) tokyoensis</i> Makiyama
异白樱蛤	<i>M. (M.) incongrua</i> (Martens)
粗异白樱蛤	<i>Heteromacoma irus</i> (Hanley) [<i>Gastrana contabulata</i>]
微形小海螂	<i>Leptomya minuta</i> Habe
卵圆阿布蛤	<i>Abrina kinoshitai</i> Kuroda et Habe
小月阿布蛤	<i>A. lunella</i> (Gould)
脆壳理蛤	<i>Theora fragilis</i> (A. Adams) [<i>T. lubrica</i>]
太阳地蛤	<i>Gari hosoyai</i> Habe [<i>G. reevei</i>]
沙栖蛤	<i>Gobraeus kazusensis</i> (Yokoyama) [<i>Psammobia kazusensis</i>]
双线紫蛤	<i>Hiatula diphos</i> (Linnaeus) [<i>Sanguinolaria diphos</i>]
中国紫蛤	<i>H. chinensis</i> (Morch) [<i>Sanguinolaria planulata</i> , <i>S. chinensis</i>]
紫彩血蛤	<i>Nuttallia olivacea</i> (Jay) [<i>Sanguinolaria olivacea</i>]
总角截蛏	<i>Solecurtus divaricatus</i> (Lischke) [<i>Solenocurtus divaricatus</i>]
大竹蛏	<i>Solen grandis</i> Dunker

短竹蛏	<i>S. dunkerianus</i> Clessin
长竹蛏	<i>S. strictus</i> Gould [<i>S. gouldii</i>]
细长竹蛏	<i>S. gracilis</i> Philippi
弯竹蛏	<i>S. arcuatus</i> Zhang et Huang
小刀蛏	<i>Cultellus attenuatus</i> Dunker
小荑蛏	<i>Siliqua minima</i> (Gmelin)
缢蛏	<i>Sinonovacula constricta</i> (Lamarck)
大岛恋蛤	<i>Peregrinamor ohshimai</i> Shoji
紫壳阿文蛤	<i>Alvenius ojianus</i> (Yokoyama)
纹斑棱蛤	<i>Trapezium</i> (<i>Neotrapezium</i>) <i>liratum</i> (Reeve)
紫石房蛤	<i>Saxidomus purpurata</i> (Sowerby)
日本镜蛤	<i>Dosinia</i> (<i>Phacosoma</i>) <i>japonica</i> (Reeve)
饼干镜蛤	<i>D. (P.) biscocata</i> (Reeve)
凸镜蛤	<i>D. (Sinodia) derupta</i> Romer [<i>D. gibba</i>]
汛潮楔形蛤	<i>Cyclosunetta menstrualis</i> (Menke)
文蛤	<i>Meretrix meretrix</i> (Linnaeus)
江户布目蛤	<i>Protothaca jadoensis</i> Lischke
线丽目蛤	<i>Callithaca staminea</i> (Conrad) [<i>Protothaca staminea euglypta</i>]
等边浅蛤	<i>Gomphina aequilatera</i> (Sowerby) [<i>G. veneriformis</i> , <i>G. melanaegis</i>]
薄壳和平蛤	<i>Clementia vatheleti</i> Mabille
青蛤	<i>Cyclina sinensis</i> (Gmelin)
巴非蛤	<i>Paphia</i> (<i>Paphia</i>) <i>paoilionacea</i> Roding [<i>P. alapapilionis</i>]
菲律宾蛤仔	<i>Ruditapes philippinarum</i> (Adams et Reeve) [<i>Venerupis philippinarum</i>]
翘鳞蛤	<i>Irus irus</i> (Linnaeus) [<i>I. mitis</i>]
薄壳绿螂	<i>Glaucome primeana</i> Crosse et Debeaux
砂海螂	<i>Mya arenaria</i> Linnaeus [<i>M. japonica</i>]
侧扁隐海螂	<i>Cryptomya busoensis</i> Yokoyama
截尾脉海螂	<i>Venatomya truncata</i> (Gould)
颗粒拟海螂	<i>Paramya recluzii</i> (A. Adams)
黄海球海螂	<i>Tugonia huanghaiensis</i> Xu
雅异篮蛤	<i>Anisocorbula venusta</i> (Gould)
焦河篮蛤	<i>Potamocorbula ustulata</i> (Reeve)
黑龙江河篮蛤	<i>P. amurensis</i> (Schrenck)
光滑河蓝蛤	<i>P. laevis</i> (Hinds)
东方缝栖蛤	<i>Hiatella orientalis</i> (Yokoyama) [<i>H. arctica</i>]
日本海神蛤	<i>Panopea japonica</i> A. Adams
杯形开腹蛤	<i>Gastrochaena</i> (<i>Cucurbitula</i>) <i>cymbium</i> Spengler [<i>G. ovata</i>]
大沽全海笋	<i>Barnea</i> (<i>Anchomasa</i>) <i>davidi</i> (Deshayes) [<i>B. davidi</i>]
脆壳全海笋	<i>B. (A.) manilensis</i> (Philippi) [<i>B. fragilis</i>]
宽壳全海笋	<i>B. (Umitakea) dilatata</i> (Souleyet) [<i>B. dilatata</i>]
波纹沟海笋	<i>Zirfaea crispata</i> (Linnaeus)

吉村马特海筍	<i>Martesia yoshimurai</i> (Kuroda et Termachi) [<i>Aspidopholas yoshimurai</i>]
稻穗节铠船蛆	<i>Bankia (Bankiella) oryzaformis</i> Sivickis
船蛆	<i>Teredo (T.) navalis</i> Linnaeus
萨摩亚船蛆	<i>T. (Lyrodus) samosensis</i> Miller
沙壳里昂司蛤	<i>Lyonsia ventricosa</i> Gould [<i>L. rostrata</i> , <i>L. Praetenuis</i>]
球形里昂司蛤	<i>L. kawamurai</i> Habe
舟形长带蛤	<i>Agriodesma navicula</i> (Adams et Reeve) [<i>A. naviculoides</i>]
燕形帮斗蛤	<i>Pandora (Pandorella) otukai</i> Habe
鹤鹑帮斗蛤	<i>P. (P.) wardiana</i> A. Adams
瘦燕帮斗蛤	<i>P. (P.) pseudobilirata</i> Nomura et Hatai
波纹螂斗蛤	<i>Myodora fluctuosa</i> Gould [<i>M. proxima</i> , <i>M. japonica</i>]
圆盘短吻哈	<i>Periploma otohimeae</i> Ozaki
渤海鸭嘴蛤	<i>Laternula (Exolaternula) marilina</i> (Reeve) [<i>L. pechliensis</i>]
鸭嘴蛤	<i>L. (Laternula) anatina</i> (Linnaeus) [<i>L. valenciennesii</i>]
剖刀鸭嘴蛤	<i>L. (L.) boschasina</i> (Reeve)
卵形色雷西蛤	<i>Thracia (Crassithracia) ovata</i> Xu
细巧色雷西蛤	<i>T. (Eximiothracia) concinna</i> Gould
黄海色雷西蛤	<i>Asthenothaerus huanghaiensis</i> Xu
小蝶铰蛤	<i>Trigonothracia pusilla</i> (Gould)
金星蝶铰蛤	<i>T. jinxingae</i> Xu
栗壳孔螂	<i>Poromya castanea</i> Habe
土佐帚形蛤	<i>Cardiomya tosaensis</i> (Kuroda) [<i>C. sagamiana</i>]
胶洲湾角贝	<i>Episiphon Kiaochowwanensis</i> (Tchang et Tsai)
皱纹盘鲍	<i>Haliotis discus hannai</i> Ino [<i>H. gigantea discus</i>]
双角凹缘（虫戚）	<i>Emarginula biangulata</i> Sowerby
秀丽凹缘（虫戚）	<i>E. bellula</i> A. Adams
密肋凹缘（虫戚）	<i>E. imazumi</i> Dall
盾形凹缘（虫戚）	<i>E. clypeus</i> A. Adams
卵形凹缘（虫戚）	<i>E. obovata</i> A. Adams
大土加（虫戚）	<i>Tugalia gigas</i> (V. Martens)
显天窗（虫戚）	<i>Puncturella nobilis</i> (A. Adams)
中华天窗（虫戚）	<i>P. sinensis</i> Sowerby
蒂考孔（虫戚）	<i>Diodora ticaonica</i> (Reeve)
细肋孔（虫戚）	<i>D. suprapunicea</i> Otuka
四射孔（虫戚）	<i>D. quadriradiata</i> (Reeve)
十字孔（虫戚）	<i>D. cruciata</i> (Gould)
嫁（虫戚）	<i>Cellana toreuma</i> (Reeve)
史氏背尖贝	<i>Notoacmea schrenckii</i> (Lischke) [<i>Patelloidea schrenckii</i> , <i>Collisella (Notoacmea) schrenckii</i> , <i>Acmaea schrenckii</i>]
矮拟帽贝	<i>Patelloidea pygmaea</i> (Dunker) [<i>Acmaea pygmaea</i> , <i>Chiazacmea pygmaea</i>]
灯光拟帽贝	<i>Chiazacmea pygmaea lampanicola</i> (Habe)

白笠贝	<i>Acmaea pallida</i> (Gould) [<i>Patelloidea dorsuosa</i> , <i>Acmaea (Niveotectura) pallida</i>]
寇氏小节贝	<i>Collisella kolarovai</i> (Grabau et King) [<i>Patelloidea kolarovai</i>]
朝鲜土耳其螺	<i>Turcica coreensis</i> Pease
口马丽口螺	<i>Calliostoma koma</i> (Schikama et Habe)
单齿螺	<i>Monodonta labio</i> (Linne)
锈凹螺	<i>Chlorostoma rustica</i> (Gmelin) [<i>Tegula rustica</i> , <i>Ch. rusticum</i>]
托氏(虫昌)螺	<i>Umbonium thomasi</i> (Crosse)
朝鲜花冠小月螺	<i>Lunella coronata coreensis</i> (Recluz) [<i>L. coronata</i>]
平厣蝾螺	<i>Homalopoma amussitatum</i> (Gould)
尖龙骨脆螺	<i>Stenotis oxytropis</i> (Pilsbry)
陆氏脆螺	<i>S. loui</i> (Yen)
塔悌螺	<i>Temanella turrita</i> (A. Adams)
粒结节滨螺	<i>Nodilittorina</i> (<i>N.</i>) <i>radiata</i> (Eydoux et Souleyet) [<i>Litorina exigua</i> , <i>Nodilittorina</i> (<i>Granulittorina</i>) <i>exigua</i> , <i>N. granularis</i> , <i>Littorna granularis</i> , <i>N. miliaris</i> , <i>Tectarius granularis</i>]
短滨螺	<i>Littorina</i> (<i>L.</i>) <i>brevicula</i> (Philippi) [<i>L. balteata</i> , <i>L. souverbiana</i> , <i>Litorina brevicula</i> v. <i>costulata</i> , <i>Littorina heterospiralis</i> , <i>L. mandshurica</i> , <i>Littorivaga brevicula</i>]
光滑狭口螺	<i>Stenothyra glabar</i> A. Adams
文雅罕愚螺	<i>Onoba elegantula</i> A. Adams
小类鹿眼螺	<i>Rissoina bureri</i> Grabau et King
杜氏鹿眼螺	<i>R. dunedinii</i> Grabau et King
褶鲁舍螺	<i>Rissolina plicatula</i> (Gould)
球状皮拉螺	<i>Pellamora trochlearis</i> (Gould)
绯拟沼螺	<i>Assiminea latericea</i> H. et A. Adams
琵琶拟沼螺	<i>A. lutea</i> A. Adams
强肋锥螺	<i>Turritella fortilarata</i> Sowerby [<i>Neohaustator fortilarata</i>]
珠带拟蟹守螺	<i>Cerithidea cingulata</i> (Gmelin) [<i>Tymanotomus cingulatus</i>]
中华拟蟹守螺	<i>C. sinensis</i> (Philippi) [<i>Cerithium sinensis</i>]
红树拟蟹守螺	<i>C. rhizophorarum</i> A. Adams [<i>C. obtusa</i>]
尖锥拟蟹守螺	<i>C. largillierti</i> (Philippi)
纵带滩栖螺	<i>Batillaria zonalis</i> (Bruguiere)
吉氏滩栖螺	<i>B. cumingi</i> (Crosse)
多形滩栖螺	<i>B. multiformis</i> (Lischke)
刺绣双翼螺	<i>Diffalaba picta</i> (A. Adams)
拉格脊神螺	<i>Notoseila laqueata</i> (Gould)
次网纹小蟹守螺	<i>Cerithiella subreticulata</i> (Dunker)
小梯螺	<i>Epitonium scalare minor</i> Grabau et King [<i>E. neglecta</i>]
尖高旋螺	<i>Acrilla acuminata</i> (Sowerby) [<i>Scala acuminata</i>]
尖光梯螺	<i>Glabriscala stigmatica</i> (Pilsbry)
矮短梯螺	<i>Gradatiscala gradata pygmaea</i> (Grabau et King)
贵重刺梯螺	<i>Asperiscala eximia</i> (A. Adams et Reeve)
横山薄梯螺	<i>Papyriscala yoroyamai</i> (Suzuki et Ichikawa)

宽带梯螺	<i>Papyriscala latifasciata</i> (Sowerby) [<i>E. Latifasciata</i> , <i>E. Lineolatum</i>]
习氏阿蚂螺	<i>Amaea thielei</i> (de Boury)
次阿蚂螺	<i>A. secunda</i> Kuroda et Ito
双带瓷光螺	<i>Eulima bifascialis</i> (A. Adams) [<i>E. bilineata</i> , <i>Melanella bivittata</i>]
马丽瓷光螺	<i>E. maria</i> (A. Adams)
发脊螺	<i>Trichotropis (Trichotripis) bicarinata</i> Sowerby [<i>T. bicarinata</i>]
单肋发脊螺	<i>T. (Iphinoe) unicarinata</i> Broderip et Sowerby
扁平管帽螺	<i>Siphopatella walshi</i> (Reeve) [<i>Crepidula walshi</i>]
灰笛螺	<i>Tibia (Varicospira) cancellata</i> (Lamarck)
黑笛螺	<i>T. melanochelus</i> (A. Adams)
微黄镰玉螺	<i>Lunatica gilva</i> (Philippi) [<i>Natica fortunei</i> , <i>Polynices fortuneri</i>]
横山镰玉螺	<i>L. yokojkyamai</i> (Kuroda) [<i>L. pallida</i>]
扁玉螺	<i>Neverita didyma</i> (Roding) [<i>Natica didyma bicolor</i>]
乳头真玉螺	<i>Eunaticina papilla</i> (Gmelin) [<i>Sigaretus papillus</i>]
乳头窦螺	<i>Sinum papilla</i> (Gmelin)
斑玉螺	<i>Natica tigrina</i> (Roding) [<i>N. maculosa</i>]
广大扁玉螺	<i>N. ampla</i> (Philippi) [<i>N. didyma v. ampla</i> , <i>Polynices didyma</i>]
拟紫口玉螺	<i>N. janthostomoides</i> Kuroda et Habe [<i>N. janthostoma</i>]
纪伊片螺	<i>Lamellaria kiiensis</i> Habe [<i>L. latens</i>]
童鹅绒螺	<i>Velutina (Velutella) pusio</i> A. Adams
硬结原爱神螺	<i>Proterato callosa</i> (A. Adams et Reeve)
玫瑰履螺	<i>Sandalia rhodia</i> (A. Adams) [<i>Primovula rhodia</i>]
玫瑰骗梭螺	<i>Phenacovolva (P.) rosea</i> (A. Adams)
双喙骗梭螺	<i>P. (P.) birostris</i> (Linnaeus) [<i>Volva (P.) philippinarum</i>]
曲骗梭螺	<i>P.(P.) recuva</i> (A. Adams et Reeve)
东方龟梭螺	<i>Testudovolva arrientis</i> Cate
坚实龟梭螺	<i>T. adaminea</i> Cate
斑拟鼻螺	<i>Pseudosimnia (D.) punctata</i> (Duclos)
唯一原梭螺	<i>Primovula (P.) singularis</i> Cate
短沟纹鬘螺	<i>Phalium (P.) strigatum breviculum</i> Tsi et Ma
脉红螺	<i>Rapana venosa</i> (Valenciennes) [<i>R. thomasiana</i> , <i>R. peichiliensis</i>]
短棘螺	<i>Chicoreus brevifrons</i> (Lamarck)
柏氏棘螺	<i>C. banksi</i> (Sowerby)
锯齿棘螺	<i>C. laciniatus</i> (Sowerby)
钝角口螺	<i>Ceratostoma fournieri</i> (Crosse) [<i>Tritonalia emarginatus</i>]
润泽角口螺	<i>C. rorifluum</i> (Adams et Reeve)
内饰角口螺	<i>C. inornata</i> (Recluz) [<i>Ocenebra japonica</i>]
钩翼紫螺	<i>Pteropurpura aduncas</i> (Sowerby) [<i>Ocinebrellus fatcatus aduncus</i> , <i>Tritonalia fatcatus</i>]
腊台北方饵螺	<i>Boreotrophon candelabrum</i> (Reeve)
疣荔枝螺	<i>Thais clavigera</i> Kuster
黄口荔枝螺	<i>T. luteostoma</i> (Holten) [<i>Purpura bronii v. Suppressa</i>]

丽核螺	<i>Mitrella bella</i> (Reeve) [<i>Pyrene martensi</i>]
小杂螺	<i>Zafra pumila</i> (Dunker)
侧平肩螺	<i>Japelion latus</i> (Dall)
香螺	<i>Neptunea arthritica cumingii</i> Crosse [<i>N. cumingii</i>]
略胀管蛾螺	<i>Siphonalia subdilatata</i> Yen
褐管蛾螺	<i>S. spadicea</i> (Reeve)
黄海蛾螺	<i>Buccinum yokomaruae</i> Yamashita et Hale
尖角蛾螺	<i>B. undatumplectrum</i> Stimpson
水泡蛾螺	<i>B. pemphigum</i> (Dall)
皮氏蛾螺	<i>Volutarha ampullacea perryi</i> (Tay)
甲虫螺	<i>Cantharus cecillei</i> (Philippi)
纵肋织纹螺	<i>Nassarius</i> (<i>Varicinassa</i>) <i>variciferus</i> (A. Adams) [<i>Nassa varicifera</i> , <i>Nassarius variciferus</i>]
秀丽织纹螺	<i>N. (Reticunassa) festivus</i> (Powys) [<i>N. dealbatus</i>]
不洁织纹螺	<i>N. (R.) spurcus</i> (Gould)
群栖织纹螺	<i>N. (R.) gregarius</i> (Grabau et King)
黄织纹螺	<i>N. (R.) hiradoensis</i> (Pilsbry)
红带织纹螺	<i>N. (Zeuxis) succinctus</i> (A. Adams)
西格织纹螺	<i>N. (Zeuxis) siquijorensis</i> (A. Adams)
中国笔螺	<i>Mitra chinensis</i> Gray
金刚螺	<i>Sydaghera spengleriana</i> (Deshayes)
白带三角口螺	<i>Trigonaphera bocageana</i> (Crosse et Debeaux)
衲螺	<i>Cancellaria mangeloides</i> Reeve
亚耳光拉螺	<i>Clathurella (Etremopa) subauriformis</i> (Smith)
拟腹螺	<i>Pseudoetrema fortilarata</i> (Smith)
黄短口螺	<i>Inquistor flavidula</i> (Lamarck) [<i>Brachytoma flavidutus</i>]
假主棒螺	<i>Crassispira pseudoprincipis</i> (Yokoyama) [<i>Clavatula pseudoprincipis</i>]
细肋蓄螺	<i>Gemmula deshayesii</i> (Doumel)
中国维斯螺	<i>Vexitomina chinensis</i> Ma.
朝鲜筍螺	<i>Terebra (Diplomeriza) koreana</i> (Yoo)
粒筍螺	<i>T. (Triplostephanus) pereoa</i> Nomura
环沟筍螺	<i>T. bellanodosa</i> Gralau et King
白带筍螺	<i>T. (Noditerebra) dussumieri</i> Kiener [<i>Duplicaria dussumieri</i>]
罕氏三口螺	<i>Triphora (Cautor) hungerfordi</i> (Sowerby)
小凹三口螺	<i>T. alveolatus</i> A. Adams et Reeve
条纹齿口螺	<i>Odostomia lirata</i> Gould
狭口齿口螺	<i>O. physoides</i> Gould
无饰红泽螺	<i>Chemnclzia acosmia</i> (Dall et Bartsch)
多斑红泽螺	<i>C. multigryra</i> (Dunker)
菲氏金螺	<i>Mormula philippiana</i> (Dunker)
筍金螺	<i>M. terebra</i> (A. Adams)
哑金螺	<i>M. mumia</i> (A. Adams) [<i>Turbonilla mumia</i>]

粗糙拟全螺	<i>Paramormula aspera</i> Kuroda et Habe
黑麦捻螺	<i>Acteon secale</i> Gould
黑纹斑捻螺	<i>Punctacteon yamamurae</i> Habe
吉良斑捻螺	<i>P. kirai</i> (Habe)
肥胖斑捻螺	<i>P. virgatus</i> (Reeve)
厚肋露齿螺	<i>Ringicula (Ringiculina) yokoyamai</i> Takeyama
耳口露齿螺	<i>R. (R.) doliaris</i> Gould [<i>R. arctata</i>]
角杯阿地螺	<i>Cylichnatys angusta</i> (Gould)
蝇泥阿地螺	<i>Limalatys muscarius</i> (Gould)
泥螺	<i>Bullacta exarata</i> (Philippi)
日本月华螺	<i>Haloa rotundata</i> (A. Adams) [<i>Haminea japonica</i>]
小囊螺	<i>Retusa (Coelophysis) minima</i> (Yamakawa)
尖卷螺	<i>Rhizorus radiola</i> (A. Adams)
德永尖卷螺	<i>R. tokunagai</i> (Makiyama)
碗梨螺	<i>Pyrunculus phialus</i> (A. Adams)
东京碗梨螺	<i>P. tokyoensis</i> Habe
长颈梨螺	<i>P. lagenula</i> A. Adams [<i>Soa lagenula</i>]
圆筒原盒螺	<i>Eocylichna braunsi</i> (Yokoyama) [<i>E. cylindrella</i>]
内卷原盒螺	<i>E. involuta</i> (A. Adams) [<i>Cylichna involuta</i>]
绒毛盒螺	<i>Cylichna villica</i> Gould
截底盒螺	<i>C. operosa</i> Gould
黑斑盒螺	<i>C. melampoides</i> Gould
短盒螺	<i>C. brevissima</i> A. Adams
双褶盒螺	<i>C. biplicata</i> A. Adams
腹翼螺	<i>Gastropteron meckeli</i> Rosse
勋章饰孔螺	<i>Decorifera insignis</i> (Pilsbry)
球饰孔螺	<i>D. globosa</i> (Yamakawa)
经氏壳蛞蝓	<i>Philine kinglipini</i> Tchang
日本壳蛞蝓	<i>P. japonica</i> Lischke. [<i>P. argentata</i>]
宽扁壳蛞蝓	<i>P. otukai</i> Habe
雕刻壳蛞蝓	<i>P. scalpta</i> A. Adams
银白齿缘壳蛞蝓	<i>Yokoyamaia argentata</i> (Gould)
黄河球壳蛞蝓	<i>Globophiline huanghenensis</i> Lin
小拟海牛	<i>Philinopsis minor</i> (Tchang) [<i>Doridium depictum</i> v. <i>minor</i>]
变异拟海牛	<i>P. cyaneum</i> V. Martens
中华海兔	<i>Aplysia (V.) sinensis</i> Sowerby
斑叶海兔	<i>Petalifera punctulata</i> (Tapparone-Canefri)
青岛叶海兔	<i>P. qingdaonensis</i> Lin
马蹄(虫虎)螺	<i>Limacina trochiformis</i> (d' Orbigny)
强卷螺	<i>Agadina syimpsoni</i> A. Adams
锥笔帽螺	<i>Creseis virgula</i> v. <i>comica</i> Eschscholtz
尖笔帽螺	<i>C. acicula</i> Rang
玻杯螺	<i>Hyalocyliz striata</i> (Rang)

厚唇螺	<i>Diacria trispinosa</i> (Lesueur)
冕螺	<i>Corolla ovata</i> (Quoy et Gaimard)
多盘拟皮鳃螺	<i>Pneumodermopsis polycatyla</i> (Boas)
无鳃螺	<i>Abranchaea chinensis</i> Zhang
拟海若螺	<i>Paraclione longicaudata</i> (Souleyet)
指状棍螺	<i>Hermaea dendritica</i> (Alder et Hancock)
阿德鳃	<i>Alderia modesta</i> Loven
缘海天牛	<i>Elysia (E.) viridis</i> (Montagu)
后羽叶鳃	<i>Metaruncina setoensis</i> (Baba) [<i>Runcina setoensis</i>]
蓝无壳侧鳃	<i>Pleurobranchaea novaezealandiae</i> Cheeseman
福氏多角海牛	<i>Polycera fuitai</i> Baba. [<i>Palio fuitai</i>]
多枝卷发海牛	<i>Caloplocamus ramosus</i> (Cantraine)
尖锐卷发海牛	<i>C. acutus</i> Baba
被壳鳃	<i>Thecacera pennigera</i> (Montagu)
日本裸海牛	<i>Gymnodoris japonica</i> Baba. [<i>G. citrina</i>]
毛棘海牛	<i>Acanthodoris pibosa</i> (Abildgaard)
柯氏颗粒海牛	<i>Aldisa sanguinea</i> Robilliard et Baba
凹幕脊突海牛	<i>Okenia (Okenia) opuntia</i> Baba
扁脊突海牛	<i>O. (O.) plana</i> Baba [<i>Hopkinsia plana</i>]
红禾庆海牛	<i>Hopkinsiella hiroi</i> Baba
栗隅海牛	<i>Goniodoris castanea</i> (Alder et Hancock)
华美奥卡海牛	<i>Okadaia elegans</i> Baba. [<i>Vayssierea elegans</i>]
草莓叉棘海牛	<i>Rostanga arbutus</i> (Angas) [<i>R. orientalis</i>]
日本石磺海牛	<i>Homoiodoris japonica</i> Bergh
枝背海牛	<i>Dendronotus arborescens</i> (Muller)
细小片鳃	<i>Armina (Armina) comta</i> (Bergh)
乳突片鳃	<i>A. (A.) papillata</i> Baba
二瓣片鳃	<i>A. (A.) bilanella</i> Lin
中华片鳃	<i>A. (A.) sinensis</i> Lin
微点舌片鳃	<i>A. (L.) babai</i> (Tchang) [<i>Linguella babai</i>]
亮点舌片鳃	<i>A. (L.) punctilucens</i> (Bergh) [<i>Linguella punctilucens</i>]
青岛半侧片鳃	<i>Pleurophyllidiopsis tsingtaoensis</i> Lin
东方半侧片鳃	<i>P. orientalis</i> Lin
青马勇海牛	<i>Marionia olivacea</i> Baba
超杜五海牛	<i>Duvaucelia (Duvaucelia) exsulans</i> (Bergh)
背苔鳃	<i>Notobryon wardi</i> Odhner
紫斑真鳃	<i>Eubranchus misakensis</i> Baba
娇美突翼鳃	<i>Embletonia gracile paucipapillata</i> Baba
紫色卡蓑海牛	<i>Catriona ornata</i> (Baba)
白斑马蹄鳃	<i>Sakuraeolis enosimensis</i> (Baba) [<i>Hervia ceylonica</i>]
饰蓑海牛	<i>Shinanoeolis emurai</i> (Baba)
纤细重蓑海牛	<i>Eolis gracilis</i> Alder et Hancock
赤蓑海牛	<i>Aeolidiella takanosimensis</i> (Baba)

乳突多蓑海牛	<i>Aeolidia papillosa</i> (Linnaeus)
多列鳃	<i>Facelinella quadrilineata</i> (Baba)
细蓑海牛	<i>Herviella yatsui</i> (Baba)
日本菊花螺	<i>Siphonaria japonica</i> (Donovan)
太平洋褶柔鱼	<i>Todarodes pacificus</i> Steenstrup [<i>Ommastrephes sloani pacificus</i>]
火枪乌贼	<i>Loligo beka</i> Sasaki
长枪乌贼	<i>L. bleekeri</i> Keferstein [<i>Doryteuthis bleekeri</i>]
剑尖枪乌贼	<i>L. edulis</i> Hoyle
日本枪乌贼	<i>L. japonica</i> Hoyle
针乌贼	<i>Sepia andreana</i> Steenstrup
金乌贼	<i>S. esculenta</i> Hoyle
曼氏无针乌贼	<i>Sepiella maindroni</i> de Rochebrune [<i>S. japonica</i>]
双喙耳乌贼	<i>Sepiola birostrat</i> Sasaki
四盘耳乌贼	<i>Euprymna morsei</i> (Verrill)
玄妙微鳍乌贼	<i>Idiosepius paradoxa</i> (Ortmann)
短蛸	<i>Octopus ocellatus</i> Gray [<i>O. aerolatus</i>]
希氏瓶吻海蜘蛛	<i>Lecythorhynchus hilgendorfi</i> (Bohm)
壮丽吻海蜘蛛	<i>Achelia superba</i> (Loman)
史氏圆囊溞	<i>Podon schmackeri</i> Poppe
肥胖三角溞	<i>Evadne tergestina</i> Chaus
中华哲水蚤	<i>Calanus sinicus</i> Brodsky [<i>C. pacificus</i> Brodsky, 深嘉瑞, 1956; 郑重等, 1965]
瘦新哲水蚤	<i>Neocalanus gracilis</i> (Dana)
细角新哲水蚤	<i>N. tenuicornis</i> (Dana)
微刺哲水蚤	<i>Canthocalanus pauper</i> (Giesbrecht)
小哲水蚤	<i>Nannocalanus minor</i> (Claus)
普通波水蚤	<i>Undinula vulgaris</i> (Dana)
达氏波水蚤	<i>U. darwinii</i> (Lubbock)
细真哲水蚤	<i>Eucalanus attenuatus</i> (Dana)
瘦长真哲水蚤	<i>E. elongatus</i> (Dana)
亚强真哲水蚤	<i>E. subcrassus</i> Giesbrecht
狭额真哲水蚤	<i>E. subtenuis</i> Giesbrecht
尖额真哲水蚤	<i>E. mucronatus</i> Giesbrecht
角锚哲水蚤	<i>Rhincalanus cornutus</i> Dana
鼻锚哲水蚤	<i>R. nasutus</i> Giesbrecht
小拟哲水蚤	<i>Paracalanus parvus</i> (Claus)
针刺拟哲水蚤	<i>P. aculeatus</i> Giesbrecht
强额拟哲水蚤	<i>P. crassirostris</i> Dahl
孔雀丽哲水蚤	<i>Calocalanus pavo</i> (Dana)
羽丽哲水蚤	<i>C. plumulosus</i> (Claus)
微驼隆哲水蚤	<i>Acrocalanus gracilis</i> Giesbrecht
驼背隆哲水蚤	<i>A. gibber</i> Giesbrecht
长角隆哲水蚤	<i>A. longicornis</i> Giesbrecht

弓角基齿哲水蚤	<i>Clausocalanus arcuicornis</i> (Dana)
海洋真刺水蚤	<i>Euchaeta marina</i> (Prestandrea)
精致真刺水蚤	<i>E. concinna</i> Dana
长角真刺水蚤	<i>E. longicornis</i> Giesbrecht
平滑真刺水蚤	<i>E. plana</i> Mori
芦氏拟真水蚤	<i>Pareuchaeta ressellii</i> (Farran)
黄拟真刺水蚤	<i>P. flava</i> (Giesbrecht)
缘齿厚壳水蚤	<i>Scolecithrix nicobarica</i> Sewell
长刺小厚壳水蚤	<i>S. longispinosa</i> Chen et Zhang
小型小厚壳水蚤	<i>S. minor</i> (Brady)
锥形宽水蚤	<i>Temora turbinata</i> (Dana)
异尾宽水蚤	<i>T. discaudata</i> Giesbrecht
柱形宽水蚤	<i>T. stylifera</i> (Dana)
太平洋真宽水蚤	<i>Eurytemora pacifica</i> Sato
粗乳点水蚤	<i>Pleuromamma robusta</i> (Dahl)
瘦乳点水蚤	<i>P. gracilis</i> (Claus)
腹针胸刺水	<i>Centropages abdominalis</i> Sato [<i>C. mcmurrichi</i> Willey, 1920; 陈清潮等, 1965]
瘦尾胸刺水蚤	<i>C. tenuiremis</i> Thompson et Scott
背针胸刺水蚤	<i>C. dorsispinatus</i> Thompson et Scott
中华胸刺水蚤	<i>C. sinensis</i> Chen et Zhang
细胸棘水蚤	<i>C. gracilis</i> (Dana)
哲胸刺水蚤	<i>C. calaninus</i> (Dana)
叉胸刺水蚤	<i>C. furcatus</i> (Dana)
细巧华哲水蚤	<i>Sinocalanus tenellus</i> (Kikuchi)
华哲水蚤	<i>S. sinensis</i> (Poppe)
海洋伪镖水蚤	<i>Pseudodiaptomus marinus</i> Sato
火腿许水蚤	<i>Schmackeria poplesia</i> Shen
指状许水蚤	<i>S. inopinus</i> Burckhardt
黄角光水蚤	<i>Lucicutia flavigornis</i> (Claus)
短平头水蚤	<i>Candacia curta</i> (Dana)
厚指平头水蚤	<i>C. pachydactyla</i> (Dana)
双翼平头水蚤	<i>C. bipinnata</i> (Giesbrecht)
黑斑平头水蚤	<i>C. aethiopica</i> (Dana)
伯氏平头水蚤	<i>C. bradyi</i> A. Scott
汤氏长足水蚤	<i>Calanopia thompsoni</i> A. Scott
双刺唇角水蚤	<i>Labidocera bipinnata</i> Tanaka
真刺唇角水蚤	<i>L. euchaeta</i> Giesbrecht
孔雀唇角水蚤	<i>L. pavo</i> Giesbrecht
尖额唇角水蚤	<i>L. acuta</i> (Dana)
左突唇角水蚤	<i>L. sinilobata</i> Shen et Lee
刺尾角水蚤	<i>Pontella spinicauda</i> Mori
叉刺角水蚤	<i>P. chierchiai</i> Giesbrecht

瘦尾简角水蚤	<i>Pontellopsis tenuicauda</i> (Giesbrecht)
钝简角水蚤	<i>P. yamadae</i> Mori
皇简角水蚤	<i>P. regalis</i> (Dana)
克氏纺锤水蚤	<i>Acartia clausi</i> Giesbrecht
双毛纺锤水蚤	<i>A. bifilosa</i> (Giesbrecht)
太平洋纺锤水蚤	<i>A. pacifica</i> Steuer
丹氏纺锤水蚤	<i>A. danae</i> Giesbrecht
捷氏歪水蚤	<i>Tortanus derjugini</i> Smironov
钳形歪水蚤	<i>T. forcipatus</i> (Giesbrecht)
刺尾歪水蚤	<i>T. spinicaudatus</i> Shen et Bai
虫肢歪水蚤	<i>T. vermiculus</i> Shen
瘦歪水蚤	<i>T. gracilis</i> (Brady)
拟长腹剑水蚤	<i>Oithona similis</i> Claus
隐长腹剑水蚤	<i>O. decipiens</i> Farran
小长腹剑水蚤	<i>O. nana</i> Giesbrecht
细长腹剑水蚤	<i>O. attenuata</i> Farran
坚长腹剑水蚤	<i>O. rigida</i> Giesbrecht
短角长腹剑水蚤	<i>O. brevicornis</i> Giesbrecht
羽长腹剑水蚤	<i>O. plumifera</i> Baird
近缘大眼剑水蚤	<i>Corycaeus affinis</i> McMurrichi
平大眼剑水蚤	<i>C. dahli</i> Tanaka
灵巧大眼剑水蚤	<i>C. catus</i> F. dahl
宽身半剑水蚤	<i>Hemicyclopus dilatus</i> Shen et Bai
杂刺镖剑水蚤	<i>Cyclopina heterospina</i> Shen et Bai
挪威小毛猛水蚤	<i>Microsetella norvegica</i> (Boeck)
红小毛猛水蚤	<i>M. rosea</i> (Dana)
尖额真猛水蚤	<i>Euterpinna acutifrons</i> Dana
标准戴氏猛水蚤	<i>Danielssenia typica</i> Boeck
小盘盔头猛水蚤	<i>Clytemnestra scutellata</i> Dana
折腰厚甲猛水蚤	<i>Altentha interrupta</i> (Goodsir)
大尾猛水蚤	<i>Harpacticus uniremis</i> Kroyer
钟摆拟阿玛猛水蚤	<i>Parameira pendula</i> Shen et Bai
短尾伪阿玛猛水蚤	<i>Pseudameira brevifurca</i> Shen et Bai
巨大怪水蚤	<i>Monstrilla grandis</i> Giesbrecht
普通鱼虱	<i>Caligus communis</i> Shen
圆肚鱼虱	<i>C. rotundigenitalis</i> Yu
波纹鱼虱	<i>C. undulatus</i> Shen et Li
肋腹鱼虱	<i>C. costatus</i> Shen et Li
钩角鱼虱	<i>C. aduncus</i> Shen et Li
鲻人形鱼虱	<i>Lernanthropus shishidoi</i> Shiino
披风人形鱼虱	<i>L. paenulatus</i> Wilson
颤针人形鱼虱	<i>L. cornutus</i> kirtisinghe
中华惹厌鱼虱	<i>Achtheinus chinensis</i> (Yu)

环纹刺颚虱	<i>Acanthochondrites annulatus</i> (Olsson)
蟠伪蓝颚虱	<i>Pseudocharopinus markewitschi</i> (Gussev)
鲷似柱颚虱	<i>Clavellopsis sargi</i> (Kurz)
长颈类柱颚虱	<i>Clavelloides macrotrachelus</i> (Brian)
棘刀茗荷	<i>Smilium scorpio</i> (Aurivillius)
朝鲜弱铠茗荷	<i>Abathescalpellum koreanum</i> (Hiro)
茗荷	<i>Lepas anatifera anatifera</i> Linnaeus
龟茗荷	<i>L. testudinata</i> Aurivillius
鹅茗荷	<i>L. anserifera</i> Linnaeus
条茗荷	<i>Conchoderma virgata</i> (Spengler)
细板条茗荷	<i>C. hunteri</i> (Owen) [<i>C. virgatum hunteri</i>]
耳条茗荷	<i>C. auritum</i> (Linnaeus)
蟹板茗荷	<i>Octolasmis neptuni</i> (MacDonald)
东方小藤壶	<i>Chthamalus challengerii</i> Hoek [<i>C. dalli</i>]
高峰星藤壶	<i>Chirona amaryllis</i> (Darwin) [<i>Balanus amaryllis</i>]
陀螺舟藤壶	<i>Conopea calceopus</i> (Ellis) [<i>Balanus colceolus</i>]
致密藤壶	<i>Balanus improvisus</i> Darwin
象牙藤壶	<i>B. eburneus</i> Gould
纹藤壶	<i>B. amphitrite amphitrite</i> Darwin [<i>B. a. communis</i> , <i>B. hawaiiensis</i>]
白脊藤壶	<i>B. albicostatus</i> Pilsbry [<i>B. a. albicostatus</i>]
泥藤壶	<i>B. uliginosus</i> Utinomi [<i>B. amphitrite krugeri</i>]
糊斑藤壶	<i>B. cirratus</i> Darwin [<i>B. amphitrite cirratus</i> , <i>B. variegatus cirratus</i>]
尖吻藤壶	<i>B. rostratus rostratus</i> Hoek
缺刻藤壶	<i>B. crenatus</i> Bruguiere
中华节糠虾	<i>Siriella sinensis</i> Li
三刺节糠虾	<i>S. trispina</i> Li
日本节糠虾	<i>S. japonica</i> Li
美丽拟节糠虾	<i>Hemisiriella pulchra</i> Hansen
近糠虾	<i>Anchialina typica</i> (Kroyer)
极小假近糠虾	<i>Pseudanchialina pusilla</i> G. O. Sars
漂浮囊糠虾	<i>Gastrosaccus pelagicus</i> Li
台湾囊糠虾	<i>G. formosensis</i> Li
短尾盲糠虾	<i>Pseudomma brevicaudum</i> Shen et Liu
超红糠虾	<i>Hypererythrops spinifera</i> (Hansem)
齐氏超红糠虾	<i>H. zimmeri</i> Li
近霍糠虾	<i>Holmesiella affinis</i> Li
小红糠虾	<i>Erythrops minuta</i> Hansen
双眼糠虾	<i>Euchaetomera oculata</i> Hansen
四刺端糠虾	<i>Doxomysis quadrispinosa</i> Illig
沿岸端糠虾	<i>D. littoralis</i> Tattersall
东方原糠虾	<i>Promysis orientalis</i> Dana

拟柱糠虾	<i>Parastilomysis paradoxa</i> Li
猾拟刺糠虾	<i>Paracanthomysis hispida</i> Li
黑褐新糠虾	<i>Neomysis awatschensis</i> (Brandt)
日本新糠虾	<i>N. japonica</i> Nakazawa
长额刺糠虾	<i>Acanthomysis longirostris</i> Li
中华刺糠虾	<i>A. sinensis</i> Li
藤永刺糠虾	<i>A. fujinagai</i> Li
朝鲜刺糠虾	<i>A. koreana</i> Li
沈氏刺糠虾	<i>A. sheni</i> Wang et Liu
冈山刺糠虾	<i>A. okayamaensis</i> Li
粗糙刺糠虾	<i>A. aspera</i> Li
黄海刺糠虾	<i>A. hwanhaiensis</i> Li
双眼准异糠虾	<i>Anisomysis bipartoculata</i> Li
中国涟虫	<i>Bodotria chinensis</i> Lomadina
卵圆涟虫	<i>B. ovalis</i> Gamo
蝎形涟虫	<i>B. scorpioides</i> (Montagu)
细长涟虫	<i>Iphinoe tenera</i> Lomakina
舌突圆涟虫	<i>Cyclaspis linguiloba</i> Liu et Liu
萨氏异涟虫	<i>Hdeterocuma sarsi</i> Miers
宽甲古涟虫	<i>Eocuma lata</i> Calman
三叶针尾涟虫	<i>Diastylis tricincta</i> (Zimmer)
亚洲异针涟虫	<i>Dimorphostylis asiatica</i> Zimmer
二齿半尖额涟虫	<i>Hemileucon bidentatus</i> Liu et Liu
梭形驼背涟虫	<i>Campylaspis fusiformis</i> Gamo
日本长尾虫	<i>Aspeudes nipponicus</i> Shiino
日本圆柱水虱	<i>Cirolana japonensis</i> (Richardson)
哈氏圆柱水虱	<i>C. harfordi</i> <i>japonica</i> Thielemann
三突蛀木水虱	<i>Limnoria tripunctata</i> Menzies
腔齿海底水虱	<i>Dynoides dentisinus</i> Shen
日本突尾水虱	<i>Cymodoce japonica</i> Richardson
拟棒鞭水虱	<i>Cleantiella isopus</i> (Grube)
海蟑螂	<i>Ligia exotica</i> (Roux)
西方海蟑螂	<i>L. occidentalis</i> Dana
博氏双眼钩虾	<i>Ampelisca bocki</i> Dahl
短角双眼钩虾	<i>A. brevicornis</i> (Costa)
轮双眼钩虾	<i>A. cyclops</i> Walker
伊予双眼钩虾	<i>A. iyoensis</i> Nagata
姜原双眼钩虾	<i>A. miharaensis</i> Nagata
日本沙钩虾	<i>Byblis japonicus</i> Dahl
日本邻钩虾	<i>Gitanopsis japonica</i> Hirayama
爬行藻钩虾	<i>Ampithoe lacertosa</i> (Bate)
毛目藻钩虾	<i>Sunamphitoe plumosa</i> Stephensen
中华原钩虾	<i>Eogammarus sinensis</i> Ren

胖掌异钩虾	<i>Anisogammarus (Eogammarus) turgimanus</i> Shen
哥伦比刀钩虾	<i>Aoroides columbiae</i> Walker
河螺羸蜚	<i>Corophium acherusicum</i> Costa
隐居螺羸乾坤	<i>C. insidiosum</i> Crawford
上野螺羸蜚	<i>C. uenoi</i> Stephensen
中华螺羸蜚	<i>C. sinense</i> Zhang
大螺羸蜚	<i>C. major</i> Ren
单刺螺羸蜚	<i>C. monospinum</i> Shen
培根螺羸蜚	<i>C. baconi</i> Shoemaker
管栖蜚	<i>Cerapus tubularis</i> Say
日本大螯蜚	<i>Grandidierella japonica</i> Stephensen
日本拟钩虾	<i>Gammaropsis japonica</i> (Nagata)
平掌抉钩虾	<i>G. laevipalmata</i> Ren
短小拟钩虾	<i>G. nitida</i> (Stimpson)
刘氏拟钩虾	<i>G. liuruiyui</i> Ren
六齿拟钩虾	<i>G. sexdentata</i> (Stephensen)
内海似钩虾	<i>G. utinomi</i> (Nagata)
好斗埃蜚	<i>Ericthonius pugnax</i> Dana
长尾亮钩虾	<i>Photis longicaudata</i> (Bate et Westwood)
潮间海钩虾	<i>Pontogeneia litorea</i> Ren
毛明钩虾	<i>Parhyale plumulosa</i> (Stimpson)
大角玻璃钩虾	<i>Hyale grandicornis</i> (Kroyer)
施氏玻璃钩虾	<i>H. schmidti</i> (Heller)
镰形叶钩虾	<i>Jassa falcata</i> (Montagu)
弯指伊氏钩虾	<i>Idunella curvidactyla</i> Nagata
锯齿利尔钩虾	<i>Liljeborgia serrata</i> Nagata
中华利尔钩虾	<i>L. sinica</i> Ren
小头弹钩虾	<i>Orchomene breviceps</i> Hirayama
塞切尔泥钩虾	<i>Eriopisella sechellensis</i> (Chevreux)
小齿马尔他钩虾	<i>Melita denticulata</i> Nagata
朝鲜马尔他钩虾	<i>M. koreana</i> Stephensen
长指马尔他钩虾	<i>M. longidactyla</i> Hirayama
李氏马尔他钩虾	<i>M. rylovae</i> Bulycheva
瘤马尔他钩虾	<i>M. tuberculata</i> Nagata
胶州湾板钩虾	<i>Caviplaxus jiaozhouwanensis</i> Ren
长鞭凹板钩虾	<i>C. longiflagella</i> Ren
同掌华眼钩虾	<i>Sinoediceros homopalmlulus</i> Shen
极地蚤钩虾	<i>Pontocrates altamarinus</i> (Bate et Westwood)
滩拟猛钩虾	<i>Harpiniopsis vadiculosus</i> Hirayama
瘤突地钩虾	<i>Podocerus tuberculosus</i> Ren
青岛板钩虾	<i>Stenothoe qingdaoensis</i> Ren
突巧(虫戌)	<i>Phronima colletti</i> Bovallius
混拟麦杆虫	<i>Paracaprella crassa</i> Mayer

双附麦杆虫	<i>Caprella bispinosa</i> Mayer
角突麦杆虫	<i>C. scaura</i> Templeton
棒麦杆虫	<i>C. rhopalochir</i> Mayer
独一麦杆虫	<i>C. vidua</i> Mayer
多棘麦杆虫	<i>C. acanthogaster</i> Mayer
长鳃麦杆虫	<i>C. equilibra</i> Say
圆鳃麦杆虫	<i>C. penantis</i> Leach [<i>C. acutifrons</i> (3)]
椭圆鲸虱	<i>Cyanus ovalis</i> de Vauzene
斯坎鲸虱	<i>C. scammoni</i> Dall
游荡鲸虱	<i>C. erratiaus</i> de Vauzene
日本拟背尾水虱	<i>Paranthura japonica</i> Richardson
三刺燧磷虾[三刺樱磷虾]	<i>Thysanopoda tricuspidata</i> Milne-Edwards
有刺燧磷虾[有刺樱磷虾]	<i>T. aequalis</i> Hansen
无刺燧磷虾[无刺樱磷虾]	<i>T. astylata</i> Brinton
钝形燧磷虾[钝形樱磷虾]	<i>T. obtusifrons</i> G. O. Sars
宽额假磷虾	<i>Pseudeuphausia latifrons</i> (S.O. Sars)
中华假磷虾	<i>P. sinica</i> Wang et Chen
卷叶磷虾	<i>Euphausia recurva</i> Hansen
鸟喙磷虾	<i>E. mutica</i> Hansen
长额磷虾	<i>E. diomedae</i> Ortmann
短磷虾	<i>E. brevis</i> Hansen
太平洋磷虾	<i>E. pacifica</i> Hansen
小型磷虾	<i>E. nana</i> Brinton
柔弱磷虾[柔嫩磷虾]	<i>E. tenera</i> Hansen
大眼磷虾[双突磷虾]	<i>E. sanzoi</i> Torelli
拟磷虾	<i>E. similis</i> G. O. Sars
假驼磷虾	<i>E. pseudogibba</i> Ortmann
驼磷虾	<i>E. gibba</i> G. O. Sars
拟驼磷虾	<i>E. paragibba</i> Hansen
瘦线脚磷虾	<i>Nematoscelis gracilis</i> Hansen
叶片线脚磷虾	<i>N. lobata</i> Hansen
小线脚磷虾	<i>N. microps</i> G. O. Sars
娇嫩线脚磷虾	<i>N. tenella</i> G. O. Sars
长线脚磷虾	<i>N. atlantica</i> Hansen
弯臂磷虾	<i>Nematobrachian flexipes</i> (Ortmann)
牛眼臂磷虾	<i>N. boopis</i> (Calman)
隆柱螯磷虾[隆突手磷虾]	<i>Stylocheiron carinatum</i> G. O. Sars
近缘柱螯磷虾[多形手磷虾]	<i>S. affine</i> Hansen
三晶柱螯磷虾[三锥手磷虾]	<i>S. suhmii</i> G. O. Sars
二晶柱螯磷虾[两锥手磷虾]	<i>S. microphtalma</i> Hansen
长眼柱螯磷虾[长眼手磷虾]	<i>S. longicorne</i> G. O. Sars
短柱螯磷虾[缩短手磷虾]	<i>S. abbreviatum</i> G. O. Sars
中华管鞭虾	<i>Solenocera crassicornis</i> (H. Milne-Edwards) [<i>Peneus</i>

	<i>crassicornis</i> H. Milne-Edwards, 1837; <i>Solenocera distincta</i> Yu, 1935; <i>S. sinensis</i> Yu 1937; <i>S. subnuda</i> Kubo, 1949; <i>S. indica</i> Hunju, 1968; <i>S. kuboi</i> Hall, 1961]
戴氏赤虾	<i>Metapenaeopsis dalei</i> (Rathbun) [<i>Parapenaeus dalei</i> Rathbun, 1902]
周氏新对虾	<i>Metapenaeus joyneri</i> (Miers) [<i>Penaeus joyneri</i> Miers, 1880]
刀额仿对虾	<i>Parapenaeopsis cultrirostris</i> (Alcock) [<i>P. sculptilis</i> v. <i>cultrirostris</i> Alcock, 1906]
哈氏仿对虾[长角仿对虾]	<i>P. hardwickii</i> (Miers) [<i>Penaeus hardwickii</i> Miers, 1878]
细巧仿对虾	<i>P. tenella</i> (Bate) [<i>Penaeus tenellus</i> Bate, 1888]
中国对虾	<i>Penaeus (Fenneropenaeus) chinensis</i> (Osbeck) [<i>Cancer chinensis</i> Osbeck, 1765; <i>Penaeus orientalis</i> Kishinouye, 1918]
日本对虾	<i>P. (Marsupenaeus) japonicus</i> Bate
鹰爪虾	<i>Trachypenaeus curvirostris</i> (Stimpson) [<i>Penaeus curvirostris</i> Stimpson, 1860]
中国毛虾	<i>Acetes chinensis</i> Hansen
日本毛虾	<i>A. japonicus</i> Kishinouye
费氏莹虾	<i>Lucifer faxoni</i> Borradaile
汉森莹虾	<i>L. hansenii</i> Nobili
中型莹虾	<i>L. intermedius</i> Hansen
东方莹虾	<i>L. orientalis</i> Hansen
刷状莹虾	<i>L. penicillifer</i> Hansen
正型莹虾	<i>L. typus</i> H. Milne-Edwards
细螯虾	<i>Leptocheila gracilis</i> Stimpson
海南细螯虾	<i>L. hainanensis</i> Yu [<i>L. aculeoauda</i> Paulson]
脊尾白虾	<i>Exopalaemon carinicauda</i> (Holthuis) [<i>Leander longirostris</i> v. <i>carinatus</i> Ortmann, 1891; <i>Palaemon (Exopalaemon) carinicauda</i> Holthuis, 1950]
日本沼虾	<i>Macrobrachium nipponense</i> (de Haan) [<i>Palaemon sinensis</i> Heller, 1862]
葛氏长臂虾	<i>Palaemon gravieri</i> (Yu) [<i>Leander gravieri</i> Yu, 1930]
巨指长臂虾	<i>P. macrodactylus</i> Rathbun
敖氏长臂虾	<i>P. ortmanni</i> Rathbun
条纹长臂虾	<i>P. paucidens</i> de Haan
锯齿长臂虾	<i>P. serrifer</i> (Stimpson) [<i>Leander serrifer</i>]
细指长臂虾	<i>P. tenuidactylus</i> Liu, Liang et Yan
斑纳鼓虾	<i>Alpheus bannerorum</i> Bruce
双齿鼓虾	<i>A. bidens</i> (Olivier) [<i>Palaemon bidens</i>]
短脊鼓虾	<i>A. brevicristatus</i> de Haan
快马鼓虾	<i>A. hippothoe</i> ec Man
贪食鼓虾	<i>A. rapacida</i> de Man
长指鼓虾	<i>A. rapax</i> Fabricius
齐氏鼓虾	<i>A. tirmiziae</i> Kasmi
二(异)形角鼓虾	<i>Athanas dimorphus</i> Ortmann
吉布堤角鼓虾	<i>A. djiboutensis</i> Coutiere

高背角鼓虾	<i>A. dorsalis</i> (Stimpson) [<i>Arete dorslis</i> Stimpson, 1860]
鸟咀角鼓虾	<i>A. ornithorhynchus</i> Banner et Banner
刺足澳托虾	<i>Automate anacanthopus</i> de Man
莫顿锯鼓虾	<i>Prionalpheus mortoni</i> Bruce
三节锯鼓虾	<i>P. triarticulatus</i> Banner et Banner
东方折螯鼓虾	<i>Salmoneus sibogae</i> (de Man) [<i>Jousseaumia sibogae</i>]
锯额折螯鼓虾	<i>S. serratidigitus</i> (Coutiere) [<i>Jousseaumia serratidigitas</i>]
古洁合鼓虾	<i>S. coutiere</i> Banner
箭脊合鼓虾	<i>S. iocosta</i> de Man
海神合鼓虾	<i>S. neptunus</i> (Dana) [<i>Alpheus neptunus</i> Dana, 1852]
扭指合鼓虾	<i>S. streptodactylus</i> Coutiere
东方长眼虾	<i>Ogyrides orientalis</i> (Stimpson) [<i>Ogyris orientalis</i>]
纹尾长眼虾	<i>O. striatica</i> Kemp
毕茹虾	<i>Birulia kishinouyei</i> (Yokoya) [<i>Paraspirentocaris kishinouyei</i>]
细颤安乐虾	<i>Eualus gracilirostris</i> (Stimpson) [<i>Hippolyte gracilirostris</i> Stimpson, 1860]
窄颤安乐虾	<i>E. leptognathus</i> (Stimpson) [<i>Hippolyte leptognathus</i> Stimpson, 1860]
中华安乐虾	<i>E. sinensis</i> (Yu) [<i>Spirontocaris sinensis</i> Yu, 1930]
匙额安乐虾	<i>E. spathulirostris</i> (Yokoya) [<i>Spirontocaris spathulirostris</i>]
堪察加七腕虾	<i>Heptacarpus camtschaticus</i> (Stimpson) [<i>Hippolyte camtschaticus</i> Stimpson, 1860]
长足七腕虾	<i>H. futilirostris</i> (Bate) [<i>Nauticaris futilirostris</i> Bate, 1888]
屈腹七腕虾	<i>H. geniculatus</i> (Stimpson) [<i>Hippolyte geniculatus</i> Stimpson, 1860]
长额七腕虾	<i>H. pandaloides</i> (Stimpson) [<i>Hippolyte pandaloides</i> Stimpson, 1860]
直额七腕虾	<i>H. rectirostris</i> (Stimpson) [<i>Hippolyte rectirostris</i> , <i>Spirontocens rectirostris</i>]
刀形宽额虾	<i>Latreutes laminirostris</i> Ortmann
水母虾	<i>L. anoplonyx</i> Kemp
鞭腕虾	<i>Lysmata vittata</i> (Stimpson) [<i>Hippolysmata vittata</i>]
粗额湾虾	<i>Spirontocaris crassirostris</i> Kubo
栉湾虾	<i>S. pectinifera</i> (Stimpson) [<i>Hippolyte pectinifera</i>]
南方长额虾	<i>Pandalus meridionalis</i> Balss
脊腹褐虾	<i>Crangon affinis</i> de Haan [<i>C. hakodatei</i> Rathbun, 1902]
圆腹褐虾	<i>C. cassiope</i> de Man [<i>C. crangon</i>]
中华后褐虾	<i>Metacrangon sinensis</i> Fujino et Miyake
日本拟褐虾	<i>Paracrangon abei</i> Kubo
双刺海褐虾	<i>Pontophilus bidentatus</i> (de Haan) [<i>Crangon bidentatus</i> de Haan]
红斑后海鳌虾	<i>Metanephrops thompsoni</i> (Bate)
日本美人虾	<i>Callianassa japonica</i> Ortmann [<i>C. harmandi</i> Bouvier]
扁尾美人虾	<i>C. petalura</i> Stimpson
泥虾	<i>Laomedia astacina</i> de Haan

大蝼蛄虾	<i>Upogebia major</i> (de Haan) [<i>Gebia major</i> de Haan]
伊塞夫蝼蛄虾	<i>U. issaeffi</i> (Balss) [<i>Gebia issaeffi</i>]
沈氏蝼蛄虾	<i>U. shenjiajuii</i> Yu
伍氏蝼蛄虾	<i>U. wuhsienweni</i> Yu
艾氏活额寄居蟹	<i>Diogenes edwardsii</i> (de Haan)
直螯活额寄居蟹	<i>D. rectimanus</i> Miers
弯螯活额寄居蟹	<i>D. deflectomanus</i> Wang et Tung
拟脊活额寄居蟹	<i>D. paracristimanus</i> Wang et Dong
奥氏长眼寄居蟹	<i>Paguristes ortmanni</i> Miyake
多毛长眼寄居蟹	<i>P. barbatus</i> (Ortmann)
下齿细螯寄居蟹	<i>Clibanarius infraspinatus</i> Hilgendorf
长腕寄居蟹	<i>Pagurus geminus</i> McLaughlin
长指寄居蟹	<i>P. dubius</i> (Ortmann)
日本寄居蟹	<i>P. japonicus</i> (Stimpson) [<i>Eupagurus japonicus</i>]
柔毛寄居蟹	<i>P. lanuginosus</i> de Haan
看寄居蟹	<i>P. janitor</i> Alcock
大寄居蟹	<i>P. ochotensis</i> Brandt
海绵寄居蟹	<i>P. pectinatus</i> (Stimpson)
大壳寄居蟹	<i>P. megalops</i> (Stimpson)
细足寄居蟹	<i>P. gracilipes</i> (Stimpson)
三锯寄居蟹	<i>P. triserratus</i> (Ortmann)
长毛寄居蟹	<i>P. brachiomastus</i> (Thallwitz)
锯足软腹蟹	<i>Hapalogaster dentata</i> (de Haan)
美丽瓷蟹	<i>Porcellana pulchra</i> Stimpson
锯额豆瓷蟹	<i>Pisidia serratifrons</i> (Stimpson)
绒毛细足蟹	<i>Raphidopus ciliatus</i> Stimpson
解放眉足蟹	<i>Blepharipoda liberata</i> Shen
巨鳌拟人面蟹	<i>Paromola macrochira</i> Sakai
长额厚蜘蛛蟹	<i>Hypophrus longirostris</i> Chen
中华近人面蟹	<i>Homologenus sinensis</i> Chen
日本关公蟹	<i>Dorippe</i> (<i>Neodorippe</i>) <i>japonica</i> von Siebold [<i>Heikea japonica</i>]
斜方五角蟹	<i>Nursia rhomboidalis</i> (Miers) [<i>N. sinica</i> 沈, 1937, 1964]
巨形拳蟹	<i>Philyra pisum</i> de Haan
红线黎明蟹	<i>Matuta planipes</i> Fabricius
中华虎头蟹	<i>Orithyia siinica</i> Linnaeus [<i>O. mammillaris</i> 沈, 1964]
中华薄板蟹	<i>Elamenopsis sinensis</i> (Shen) [<i>Neorhynchoplax sinensis</i> Dai et al.]
枯瘦突眼蟹	<i>Oregonia gracilis</i> Dana
四齿矶蟹	<i>Pugettia quadridens</i> (de Haan)
扁平剪额蟹	<i>Scyra compressipes</i> Stimpson
扁平牛角蟹	<i>Leptomithrax compressipes</i> Miers
中华牛角蟹	<i>L. sinensis</i> Rathbun
两栖黄道蟹	<i>Cancer amphioetus</i> Rathbun [<i>C. pygmaeus</i> 沈, 1932,

	1964]
隆背黄道蟹	<i>C. gibbosulus</i> (de Haan)
三疣梭子蟹	<i>Portunus trituberculatus</i> (Miers)
特异大权蟹	<i>Macromedaeus distinguendus</i> (de Haan)
团岛毛刺蟹	<i>Pilumnus tuantaoensis</i> Shen
马氏毛粒蟹	<i>Pilumnopeus makiana</i> (Rathbun)
泥脚隆背蟹	<i>Carcinoplax vestita</i> (de Haan)
宽身大眼蟹	<i>Macrophthalmus (Macrophthalmus) dilatum</i> (de Haan)
日本大眼蟹	<i>M. (Mareotis) japonicus</i> de Haan
秉氏泥蟹	<i>Ilyoplax pingi</i> Shen
长趾股窗蟹	<i>Scopimera longidactyla</i> Shen
巴氏无齿蟹	<i>Acmaeopleura balssi</i> Shen
中华绒螯蟹	<i>Eriocheir sinensis</i> H. Milne-Edwards
肉球近方蟹	<i>Hemigrapsus sanguineus</i> (de Haan)
绒螯近方蟹	<i>H. penicillatus</i> (ed Haan)
长指近方蟹	<i>H. longitarsis</i> (Miers)
无齿相手蟹	<i>Sesarma (Holometopus) dehaani</i> H. Milne-Edwards
天津厚蟹	<i>Helice (Helice) tientsinensis</i> Rathbun
伍氏厚蟹	<i>H. (Helicana) wuana</i> Rathbun [<i>H. Tridens sheni</i> Sakai]
圆尾绿虾蛄	<i>Clorida rotundicauda</i> (Miers)
口虾蛄	<i>Oratosquilla oratoria</i> (de Haan) [<i>Squilla oratoria</i>]
漂亮管孔苔虫	<i>Tubulipora pulchra</i> MacGillivray
扇形管孔苔虫	<i>T. flabellaris</i> (Fabricius)
卷曲管孔苔虫	<i>T. cortorta</i> Busk
秀丽翼苔虫	<i>Entalophoroecia deliculata</i> (Busk)
王冠碟苔虫	<i>Lichenopora imperialis</i> (Ortmann)
辐射碟苔虫	<i>L. radiata</i> (Audouin)
聚合软苔虫	<i>Alcyonidium polyoum</i> (Hassall)
萨氏膜孔苔虫	<i>Membranipora savartii</i> (Audouin)
大室膜孔苔虫	<i>M. grandicella</i> (Canu et Bassler)
疣突膜孔苔虫	<i>M. tuberculata</i> (Bosc)
无规膜孔苔虫	<i>M. irregularata</i> Liu
美丽琥珀苔虫	<i>Electra tenella</i> (Hincks)
孟加拉琥珀苔虫	<i>E. bengaliensis</i> (Stoliczka) [<i>E. anomala</i>]
艳丽琥珀苔虫	<i>E. bellula</i> (Hincks) [<i>Membranipora hugliensis</i> ; <i>E. pilosa</i>]
皮壳琥珀苔虫	<i>E. crustulenta</i> (Pallas)
东方楣琥珀苔虫	<i>Aspidelectra orientalis</i> Liu et Wass
双钩楣琥珀苔虫	<i>A. bihamat</i> Liu et Wass [<i>Electra deviensis</i>]
深色多穴苔虫	<i>Antropora tincta</i> (Hastings)
多刺长钩苔虫	<i>Cauloraphus spiniferus</i> (Johnston)
舟形长钩苔虫	<i>C. cymbaeformis</i> (Hincks)
线纹丽苔虫	<i>Calloporella lineata</i> (Linnaeus)
仿突丽苔虫	<i>C. horridoidea</i> Androsova

光裸丽苔虫	<i>C. inermis</i> Liu et Wass
网络丽苔虫	<i>C. craticula</i> (Alder)
无鸟丽苔虫	<i>C. inavicularata</i> Liu
熊厚缘苔虫	<i>Crassimarginatella kumatae</i> (Okada)
独角珠苔虫	<i>Tegella unicornis</i> (Fleming)
无盔珠苔虫	<i>T. disincrustata</i> Liu et Wass
黑蛇列胞苔虫	<i>Aetea anguina</i> (Linnaeus)
蹄形微室苔虫	<i>Scruparia chelata</i> (Linnaeus)
多室草苔虫	<i>Bugula neritina</i> (Linnaeus)
加州草苔虫	<i>B. californica</i> Robertson
齿草苔虫	<i>B. dentata</i> (Lamouroux)
太平洋草苔虫	<i>B. pacifica</i> Robertson
杯草苔虫	<i>B. calathus</i> Norman
扇草苔虫	<i>B. flabellata</i> (J. V. Thompson)
裸茎苔虫	<i>Caulibugula inermis</i> Harmer
拟纤毛茎苔虫	<i>C. ciliatoidea</i> Liu
埃及偶苔虫	<i>Synnotum aegypticum</i> (Audouin)
奇异隔苔虫	<i>Beania mirabilis</i> Johnston
长刺缨苔虫	<i>Dendrobeania longispinosa</i> (Robertson)
粗糙无鞭苔虫	<i>Amastigia rufa</i> (Busk)
美髯松苔虫	<i>Caberea lata</i> Busk
皮氏仿草苔虫	<i>Bugulopsis peachi</i> (Busk)
粗胞苔虫	<i>Scrupocellaria scabra</i> (Van Beneden)
顶原粗胞苔虫	<i>S. diegensis</i> Robertson
锐刺粗胞苔虫	<i>S. scrupula</i> Busk
西方三胞苔虫	<i>Tricellaria occidentalis</i> (Trask)
细三胞苔虫	<i>T. gracilis</i> Smitt
长刺三胞苔虫	<i>T. longispinosa</i> (Yanagi et Okada)
斑胞苔虫	<i>Cellaria punctata</i> (Busk)
环纹筛壁苔虫	<i>Cribripina annulata</i> (Fabricius)
铸苔虫	<i>Figularia figularis</i> (Johnston)
叉状胞苔虫	<i>Reginella furcata</i> (Hincks)
马蹄琴苔虫	<i>Lyrula hippocrepis</i> (Hincks)
双唇广口苔虫	<i>Eurystomella bilabiata</i> (Waters)
透明小分胞苔虫	<i>Celleporella hylina</i> (Linnaeus)
膨胀小分胞苔虫	<i>C. expansa</i> Dawson
分离敏苔虫	<i>Hippothoa distans</i> MacGillivray
肋壁钩孔苔虫	<i>Rhamphostomella costata</i> (Lorenz)
北极盾胞苔虫	<i>Umbonula arctica</i> (M. Sars)
凸腹小科苔虫	<i>Escharella ventricosa</i> (Hassall)
长吻裸钩苔虫	<i>E. longirostris</i> Jullien
缘孔裸钩苔虫	<i>Exochella areolata</i> Okada et Mawatori
球形拟壳苔虫	<i>Escharoidea sauroglossa</i> Levinsen

柱形拟分胞苔虫	<i>Celleporaria columnaris</i> (Busk)
褐色拟分胞苔虫	<i>C. fusca</i> (Busk)
蜂窝安壳苔虫	<i>Emballotheeca incisa</i> (Busk)
小马孔苔虫	<i>Hippoporella hippocrepis</i> (Smitt)
阔口隐槽苔虫	<i>Cryptosula pallasina</i> (Moll)
高襟防卫胞苔虫	<i>Phylactellipora collaris</i> (Norman)
颈链血苔虫	<i>Watersipora subtorguata</i> (d'Orbigny) [<i>Dakaria typica</i> ; <i>W. subovoidea</i>]
双穴裂孔苔虫	<i>Schizoporella biaperta</i> (Michelin)
球形假缘孔苔虫	<i>Parasmittina glomerata</i> (Thornely)
刺轴缘孔苔虫	<i>Smittina spinigera</i> Liu [<i>S. reticulata</i>]
多育拟缘孔苔虫	<i>Smittoidea prolifera</i> Osburn
马氏斑孔苔虫	<i>Fenestrulina malusi</i> (Audouin)
纤毛拟小孔苔虫	<i>Microporella ciliata</i> (Pallas)
东方拟小孔苔虫	<i>M. orientalis</i> Harmer
新月拟小孔苔虫	<i>M. lunifera</i> Haswell
长靴拟小孔苔虫	<i>M. vibraculifera</i> (Hincks)
多刺拟小孔苔虫	<i>M. echinata</i> Androsova
月形鳌孔苔虫	<i>Onchoporella selenoides</i> Ortmann
柯氏分胞苔虫	<i>Celleporina costazii</i> (Audouin)
太平洋俭孔苔虫	<i>Phidolopora pacifica</i> (Robertson)
膨胀裂网孔苔虫	<i>Schizoretepora tumescens</i> (Ortmann)
窄雏苔虫	<i>Conescharellina angusta</i> d'Orbigny
长雏苔虫	<i>C. elongata</i> d'Orbigny
无规扇孔苔虫	<i>Flabellopora irregularis</i> Canu et Bassler
雅丽扇孔苔虫	<i>F. elegans</i> d'Orbigny
舌形扇孔苔虫	<i>F. linguna</i> Silen
小扇孔苔虫	<i>F. pusilla</i> Silen
哈氏小曲体虫	<i>Loxosomella harmeri</i> (Schultz)
多刺柄萼虫	<i>Pedicellina echinata</i> M. Sras
鸭嘴海豆芽	<i>Lingula anatina</i> Lamark [<i>L. unguis</i>]
亚氏海豆芽	<i>L. adamsi</i> Dall [<i>L. shantangensis</i>]
星斑仿盘壳贝	<i>Discinisca stella</i> (Gould)
酸桨贝	<i>Terebratalia coreanica</i> (A. Adams et Reeve)
毯形帚虫	<i>Phoronis ijimai</i> Oka [<i>P. hippocrepia</i> , <i>p. vancouverensis</i>]
缪氏帚虫	<i>P. mulleri</i> Selys-Longchamps
丽管帚虫	<i>P. architecta</i> Andreas
太平洋撬虫	<i>Krohnitta pacifica</i> (Aida)
肥胖箭虫	<i>Sagitta enflata</i> Grassi
美丽箭虫	<i>S. pulchra</i> Doncaster
凶形箭虫	<i>S. ferox</i> Doncaster
太平洋箭虫	<i>S. pacifica</i> Tokioka
强壮箭虫	<i>S. crassa</i> Tokioka

囊开形箭虫	<i>S. crass forma naikaiensis</i> Tokioka
百陶箭虫	<i>S. bedoti</i> Beraneck
海龙箭虫	<i>S. nagae</i> Alvarino
微型箭虫	<i>S. minima</i> Grassi
小箭虫	<i>S. neglecta</i> Aida
规则箭虫	<i>S. regularis</i> Aida
柯氏瓜参	<i>Cucumaria chronhjelmi</i> Theel
丛足瓜参	<i>C. multipes</i> Theel
陆氏砂参	<i>Anthochirus loui</i> Chang
正环沙鸡子	<i>Phyllophorus ordinatus</i> Chang
高骨片沙鸡子	<i>P. hypsiptyrus</i> (V. Marenzeller)
仿刺参	<i>Apostichopus japonicus</i> (Selenka) [<i>Stichopus japonicus</i>]
紫纹芋参	<i>Molpadia roretzii</i> (V. Marenzeller)
安达曼芋参	<i>M. andamensis</i> (Walsh)
海棒槌	<i>Paracaudina chilensis</i> v. <i>ransonnetii</i> (V. Marenzeller)
海地瓜	<i>Acaudina molpadiooides</i> (Semper) [<i>Haplodactyla molpadiooides</i> v. <i>sinensis</i> , <i>H. hyaloeides</i> , <i>Aphelodactyla molpadiooides</i> v. <i>sinensis</i> , <i>A. andamanensis</i> , <i>A. pellucida</i> , <i>A. hyaloeides</i>]
钮细锚参	<i>Leptosynapta ooplax</i> (V. Marenzeller)
棘刺锚参	<i>Protankyra bidentata</i> (Woodward et Barrett)
歪刺锚参	<i>P. asymmetrica</i> (Ludwig)
柄板锚参	<i>Labidoplax dubia</i> (Semper)
虾夷砂海星	<i>Luidia yesoensis</i> Goto
中华仿角海星	<i>Paragonaster chinensis</i> Liao
海燕	<i>Asterina pectinifera</i> (Muller et Troschel)
贝氏海燕	<i>A. batheri</i> Goto
鸡爪海星	<i>Henricia leviuscula</i> (Stimpson)
刺鸡爪海星	<i>H. spiculifera</i> (H. L. Clark)
粗鸡爪海星	<i>H. aspera robusta</i> Djakonov
陶氏太阳海星	<i>Solaster dawsoni</i> Verrill
轮海星	<i>Crossaster papposus</i> (Linnaeus)
罗氏海盘车	<i>Asterias rollestoni</i> Bell
粗钝海盘车	<i>A. argonauta</i> Djakonov
多棘海盘车	<i>A. amurensis</i> Lutken
异色海盘车	<i>A. versicolor</i> Sladen
日本长腕海盘车	<i>Distolasterias nipon</i> (Doderlein)
美丽长腕海盘车	<i>D. elegans</i> Djakonov
日本滑海盘车	<i>Aphelasterias japonica</i> (Bell)
张氏滑海盘车	<i>A. changfengyingi</i> Baranova et Wu
海刺猬	<i>Glyptocidaris crenularis</i> A. Agassiz
蛤氏刻肋海胆	<i>Temnopleurus hardwickii</i> (Gray)
光棘球海胆	<i>Strongylocentrotus nudus</i> (A. Agassiz)
马粪海胆	<i>Hemicentrotus pulcherrimus</i> (A. Agassiz)

尖豆海胆	<i>Fibularia acuta</i> Yoshiwara
中华扣海胆	<i>Sinaechinocyamus planus</i> Liao
海盘	<i>Astrodendrum sagaminum</i> (Doderlein)
朝鲜阳遂足	<i>Amphiura koreae</i> Duncan
钩倍棘蛇尾	<i>Amphipholis ancistrotus</i> (H. L. Calrk)
日本倍棘蛇尾	<i>A. japonicus</i> Matsumoto. [<i>Ophiophragmus japonicus</i>]
近辐蛇尾	<i>Ophiactis affinis</i> Duncan
紫蛇尾	<i>Ophiopholis mirabilis</i> Duncan
短腕紫蛇尾	<i>O. brachyactis</i> H. L. Clark
马氏刺蛇尾	<i>Ophiothrix marenzelleri</i> Koehler
金氏真蛇尾	<i>Ophiura kinbergi</i> Ljungman
萨氏真蛇尾	<i>O. sarsii</i> Lutken
胎生盖蛇尾	<i>Stegophiura vivipara</i> Matsumoto
司氏盖蛇尾	<i>S. sladeni</i> (Duncan)
黄岛长吻虫	<i>Saccoglossus hulangtauensis</i> (Tchang et Koo)
多鳃孔舌形虫	<i>Glossobalanus polybranchioporus</i> (Tchang et Liang)
三崎柱头虫	<i>Balanoglossus misakiensis</i> Kuwano
长尾住囊虫	<i>Oikopleura longicauda</i> (Vogt)
中型住囊虫	<i>O. intermedia</i> Lohmann
梭形住囊虫	<i>O. fusiformis</i> Fol
异体住囊虫	<i>O. dioica</i> Fol
红住囊虫	<i>O. rufescens</i> Fol
赫氏住囊虫	<i>Megalocercus huxleyi</i> (Ritter)
透明住筒虫	<i>Fritillaria pellucida</i> (Busch)
软拟海樽	<i>Dolioletta gegenbauri</i> Uljanin
小齿海樽	<i>Doliolum denticulatum</i> Quoy et Gaimard
羽环纽鳃樽	<i>Cyclosalpa pinnata</i> (Forskal)
佛环纽鳃樽	<i>C. floridana</i> (Apstein)
贝环纽鳃樽	<i>C. bakeri</i> Ritter
长吻纽鳃樽	<i>Brooksia rostrata</i> (Traustedt)
安纽鳃樽	<i>Ritteriella amboinensis</i> (Apstein)
宽肌纽鳃樽	<i>Iasis zonaria</i> (Pallas)
双尾纽鳃樽	<i>Thalia democratica</i> (Forskal) [<i>T. democratica democratica</i>]
双尾纽鳃樽东方亚种	<i>T. democratica orientalis</i> Tokioka
贫肌纽鳃樽	<i>Pegea confoederata</i> (Forskal)
多手纽鳃樽	<i>Traustedtia multotentaculata</i> (Quoy et Gaimard)
韦氏纽鳃樽	<i>Weelia cylindrica</i> (Cuvier) [<i>Salpa cylindrica</i>]
棱形纽鳃樽	<i>Salpa fusiformis</i> Cuvier
莫氏二段海鞘	<i>Didemnum moseleyi</i> (Herdman)
米氏小叶鞘	<i>Leptoclinum mitsukurii</i> (Oka)
玻璃海鞘	<i>Ciona intestinalis</i> Linnaeus
长纹海鞘	<i>Ascidia longistriata</i> Hartmeyer
粗肌海鞘	<i>A. armata</i> Hartmeyer

太平洋海鞘	<i>A. pacifica</i> Tokioka
西伯龟甲海鞘	<i>Chelyosoma siboga</i> Oka
史氏菊海鞘	<i>Botryllus schlosseri</i> (Pallas)
瘤状菊海鞘	<i>B. tuberatus</i> Ritter et Forsyth
青岛菊海鞘	<i>B. tsingtaoensis</i> Ger et Zan
柴拟菊海鞘	<i>Botrylloides violaceulus</i> Oka
西门登拟菊海鞘	<i>B. simodensis</i> Saito et Watanabe
中国豆海鞘	<i>Cnemidocarpa chinensis</i> Tokioka
柄海鞘[柄瘤海鞘]	<i>Styela clava</i> Herdman
冠瘤海鞘	<i>S. canopus</i> Savigny
青岛瘤海鞘	<i>S. qindaoensis</i> Ger et Zang
中国瘤海鞘	<i>S. sinensis</i> Ger et Zang
瘤海鞘	<i>Styela</i> sp.
乳突皮海鞘	<i>Molgula manhattensis</i> (Delay)
蒲氏粘盲鳗	<i>Eptatretus burgeri</i> (Girard)
鲸鲨	<i>Rhincodon typus</i> Smith
阴影绒毛鲨	<i>Cephaloscyllium umbratile</i> Jordan et Fowler
虎纹猫鲨	<i>Scyliorhinus torazame</i> (Tanaka)
皱唇鲨	<i>Triakis scyllium</i> Muller et Henle
日本翅鲨	<i>Galeorhinus japonicus</i> (Muller et Henle) [<i>Hemitriakis japonicus</i>]
白斑星鲨	<i>Mustelus manazo</i> Bleeker
灰星鲨	<i>M. griseus</i> Pietschmann
居氏鼬鲨	<i>Galeocerdo cuvier</i> (Lesueur)
尖头斜齿鲨	<i>Scoliodon sorrikowah</i> (Cuvier)
阔口真鲨	<i>Carcharhinus latistomus</i> Fang et Wang
锤头双髻鲨	<i>Sphyrna zygaena</i> (Linnaeus)
路氏双髻鲨	<i>S. lewini</i> (Griffith)
白斑角鲨	<i>Squalus acanthias</i> Linnaeus
长吻角鲨	<i>S. mitsukurii</i> Jordan
短吻角鲨	<i>S. brevirostris</i> Tanaka [<i>S. megalops</i> (8)]
日本扁鲨	<i>Squatina japonica</i> Bleeker
日本锯鲨	<i>Pristiophorus japonicus</i> Gunther
美鳐	<i>Raja pulchra</i> Liu
孔鳐	<i>R. porosa</i> Gunther
网纹鳐	<i>R. katsukii</i> Tanaka
光魟	<i>Dasyatis laevigatus</i> Chu
中国魟	<i>D. sinensis</i> (Steindachner)
日本单鳍鳐	<i>Narke japonica</i> (Temminck et Schlegel)
黑线银鲛	<i>Chimaera phantasma</i> Jordan et Snyder
曾氏兔银鲛	<i>Hydrolagus isengi</i> (Fang et Wang)
中华鲟	<i>Acipenser sinensis</i> Gray
白鲟	<i>Psephurus gladius</i> (Martens)

遮目鱼	<i>Chanos chanos</i> (Forkal)
太平洋鲱	<i>Clupea harengus pallasi</i> Valenciennes
青鳞小沙丁鱼	<i>Sardinella zunasi</i> (Bleeker) [<i>Harengula zunasi</i>]
鮰鱼	<i>Macrura reevesi</i> (Richardson)
圆吻海鱈	<i>Nematalosa nasus</i> (Bloch)
鳓	<i>Ilisha elongata</i> (Bennett)
日本鳀鱼	<i>Engraulis japonicus</i> Temminck et Schlegel
赤鼻棱鳀	<i>Thrissa kammalensis</i> (Bleeker)
中领棱鳀	<i>T. mystax</i> (Block et Schneider)
黄鲫	<i>Setipinna taty</i> (Valeincennes) [<i>S. giberti</i>]
刀鲚	<i>Coilia ectenes</i> Jordan et Seale
香鱼	<i>Plecoglossus altivelis</i> Temminck et Schlegel
安氏新银鱼	<i>Neosalanx anderssoni</i> (Rendahl)
大银鱼	<i>Protosalanx hyalocranius</i> (Abbott)
尖头银鱼	<i>Salanx acuticeps</i> Regan
有明银鱼	<i>S. ariakensis</i> Kishinouye
长蛇鲻	<i>Saurida elongata</i> (Temminck et Schlegel)
龙头鱼	<i>H. nehereus</i> (Hamilton)
发光炬灯鱼	<i>Lampadena luminosa</i> Garman
日本鳗鲡	<i>Anguilla japonica</i> Tamminck et Schlegel
中华鳗鲡	<i>A. sinensis</i> McClelland
星康吉鳗	<i>Conger myriaster</i> (Brevoort) [<i>Astroconger myriaster</i>]
日本康吉鳗	<i>C. japonicus</i> Bleeker
海鳗	<i>Muraenesox cinereus</i> (Forskal)
白氏银汉鱼	<i>Allanetta bleekeri</i> (Gunther)
日本鱲	<i>Hemiramphus sajori</i> Temminck et Schlegel [<i>Hyporhamphus sajori</i>]
间鱲	<i>H. intermedius</i> Cantor [<i>Hyporhamphus intermedius</i>]
真燕鳐	<i>Prognichthys agoo</i> (Temminck et Schlegel) [<i>Cypselurus agoo</i> (8)]
太平洋五须岩鳕	<i>Ciliata pacifica</i> (Temminck et Schlegel)
大头鳕	<i>Gadus macrocephalus</i> Tilesius
黄线狭鳕	<i>Theragra chalcogramma</i> (Pallas)
松球鱼	<i>Monocentrus japonicus</i> (Houttuyn)
须海龙	<i>Urocampus nanus</i> Gunther
尖海龙	<i>Syngnathus acus</i> Linnaeus
冠海马	<i>Hippocampus coronatus</i> Temminck et Schlegel
鲹	<i>Liza haematocheila</i> (Temminck et Schlegel) [<i>L. so-iuy</i> , <i>Mugil so-iuy</i>]
四指马鲅	<i>Eleutheronema tetradactylus</i> (Shaw)
鮓	<i>Lateolabrax japonicus</i> (Cuvier et Valenciennes)
赤蛙	<i>Doederleinia berycoides</i> (Hilgendoef)
七带石斑鱼	<i>Epinephelus septemfasciatus</i> (Thunberg)
多鳞鱚	<i>Sillago sihama</i> (Forskal)

短吻丝鲹	<i>Alectis ciliaris</i> (Bloch)
长吻丝鲹	<i>A. indica</i> (Ruppell)
沟鲹	<i>Atropus atropus</i> (Bloch et Schneider)
马拉巴裸胸鲹	<i>Caranx (C.) malabaricus</i> (Bloch et Schneider)
六带鲹	<i>C. (Caranx) sexfasciatus</i> Quoy et Gaimard
珍鲹	<i>Carangoides (C.) ignobilis</i> (Forskal)
及达叶鲹	<i>C. (A.) djeddaba</i> (Forskal)
脂眼凹肩鲹	<i>Selar crumenophthalmus</i> (Bloch)
蓝圆鲹	<i>Decapterus maruadsi</i> (Temminck et Schlegel)
竹荚鱼	<i>Trachurus japonicus</i> (Temminck et Schlegel)
卵形鲳鲹	<i>T. ovatus</i> (Linnaeus) [<i>T. blochii</i> (8)]
高体鲹	<i>Seriola dumerili</i> (Risso)
黄条鲹	<i>S. aureovittata</i> Temminck et Schlegel
五条鲹	<i>S. quinqueradiata</i> Temminck et Schlegel
乌鲳	<i>Formio niger</i> (Bloch) [<i>F. parastromateus</i> (8)]
军曹鱼	<i>Rachycentron canadum</i> (Linnaeus)
鲯鳅	<i>Coryphaena hippurus</i> Linnaeus
皮氏叫姑鱼	<i>Johnius belengeri</i> (Cuvier et Valenciennes)
黄姑鱼	<i>Nibea albiflora</i> (Richardson)
鮀鱼	<i>Miichthys miiuy</i> (Basilewsky)
黑鲷	<i>Sparus macrocephalus</i> (Basilewsky) [<i>Acanthopagrus schlegeli</i> (8)]
松鲷	<i>Lobotes surinamensis</i> (Bloch)
横带髭鲷	<i>Hapalogenys mucronatus</i> (Eydoux et Souleyet)
花尾胡椒鲷	<i>Plectorhynchus cinctus</i> (Temminck et Schlegel)
细刺鱼	<i>Microcanthus strigatus</i> (Cuvier et Valenciennes)
朴蝴蝶鱼	<i>Chaetodon modestus</i> Temminck et Schlegel
海鲫	<i>Ditrema temmincki</i> Bleeker
日本詹	<i>Uranoscopus japonicus</i> Houttuyn
青詹	<i>Gnathagnus elongatus</i> (Temminck et Schlegel)
云鳚	<i>Enedrius nebulosus</i> (Temminck et Schlegel)
方氏鳚	<i>E. fangi</i> Wang et Wang
縫鳚	<i>Azuma emmnion</i> Jordan et Snyder
网鳚	<i>Dictyosoma burgeri</i> Van der Hoeven
六线鳚	<i>Ernogrammus hexagrammus</i> (Temminck et Schlegel)
鸡冠鳚	<i>Alectrias benjamini</i> Jordan et Snyder
小锦鳚	<i>Zoarchias uchidai</i> Matsubara
长绵鳚	<i>Enchelyopus elongatus</i> Kner [<i>Zoarces elongatus</i>]
玉筋鱼	<i>Ammodytes personatus</i> Girard
香[鱼銜]	<i>Callionymus olidus</i> Gunther
短鳍[鱼銜]	<i>C. kitaharae</i> Jordan et Seale
带鱼	<i>Trichiurus haumela</i> (Forskal) [<i>Lepters huamela</i>]
朝鲜马鲛	<i>Scombermorus koreana</i> (Kinshinouye)[<i>Sewara koreana</i>]

蓝点马鲛	<i>S. niphonius</i> (Cuvier et Valenientes) [<i>Sawara niphonia</i>]
中华马鲛	<i>S. sinensis</i> (Lacepede)
东方旗鱼	<i>Histiophorus orientalis</i> Temminck et Schlegel
圆舵鲣	<i>Auxis tapeinosoma</i> (Bleeker)
扁舵鲣	<i>A. thazard</i> (Lacepede)
银鲳	<i>Pampus argenteus</i> (Euphrasen) [<i>Stromateus argenteus</i>]
暗缟鰤虎鱼	<i>Tridentiger obscurus</i> (Temminck et Schlegel)
纹缟鰤虎鱼	<i>T. trigonocephalus</i> (Gill)
锺馗鰤虎鱼	<i>Triaenopogon barbatus</i> (Gunther)
竿鰤虎鱼	<i>Luciogobius guttatus</i> Gill
带鰤虎鱼	<i>Eutaeniichthys gilli</i> Jordan et Snyder
大口鰤虎鱼	<i>Chasmichthys gulosus</i> (Guichenot)
阿部鲻鰤虎鱼	<i>Mugilogobius abei</i> (Jordan et Snyder)
尾纹裸头鰤虎头鱼	<i>Chaenogobius annularis</i> Gill
横带寡鳞鰤虎鱼	<i>Oligolepis fasciatus</i> Wu et Lin
裸项栉鰤虎鱼	<i>Ctenogobius gymnauehen</i> (Bleeker)
普氏栉鰤虎鱼	<i>C. pflaumi</i> (Bleeker)
乳色阿匍鰤虎鱼	<i>Aboma lactipes</i> (Hilgendorf)
对马阿匍鰤虎鱼	<i>A. isushima</i> Jordan et Snyder
黄鳍刺鰤虎鱼	<i>Acanthogobius flavimanus</i> (Temminck et Schelegel)
雅氏刺鰤虎鱼	<i>A. jacoti</i> Fowler
矛尾复鰤虎鱼	<i>Synechogobius hasta</i> (Temminck et Schlegel)
斑尾复鰤虎鱼	<i>S. ommaturus</i> (Richardson)
横带高鳍鰤虎鱼	<i>P. zacalles</i> Jordan et Snyder
粟色克丽鰤虎鱼	<i>Chloea castanea</i> (O'saughnessy)
网纹克丽鰤虎鱼	<i>C. mororana</i> Jordan et Snyder
肉犁克丽鰤虎鱼	<i>C. sarchynnus</i> Jordan et Snyder
睛尾蝌蚪鰤虎鱼	<i>Lophiogobius ocellicauda</i> Gunther
矛尾鰤虎鱼	<i>Chaeturichthys stigmatias</i> Richardson
六丝矛尾鰤虎鱼	<i>C. hexanema</i> Bleeker
马都拉叉牙鰤虎鱼	<i>Apocryptodon madurensis</i> (Bleeker)
大弹涂鱼	<i>Boleophthalmus pectinirostris</i> (Linnaeus) [<i>B. chinensis</i>]
红狼牙鰤虎鱼	<i>Odontamblyopus rubicundus</i> (Hamilton-Buchanan)
鯽鱼	<i>Echeneis naucrates</i> Linnaeus
短鯽	<i>R. remora</i> (Linnaeus)
柳平鲉	<i>Sebastes itinus</i> (Jordan et Starks)
无备平鲉	<i>S. intermis</i> Cuvier et Valenciennes
汤氏平鲉	<i>S. thompsoni</i> (Jordan et Hubbs)
许氏平鲉	<i>S. schlegeli</i> (Hilgendorf)
厚头平鲉	<i>S. pachycephalus</i> Temminck et Schlegel
黑平鲉	<i>S. nigricans</i> (Schmidt)
条平鲉	<i>S. trivittatus</i> Hilgendorf
铠平鲉	<i>S. hubbsi</i> (Matsubara)

雪斑平鲉	<i>S. nivosus</i> (Hilgendorf)
褐菖鲉	<i>Sebastiscus marmoratus</i> (Cuvier et Valenciennes)
斑鳍鲉	<i>Scorpaena neglecta</i> Temminck et Schlegel [<i>Scorpaena onaria</i> (8)]
虎鲉	<i>Minous monodactylus</i> (Bloch et Schneider)
日本鬼鲉	<i>Inimicus japonicus</i> (Cuvier et Valenciennes)
绿鳍鱼	<i>Chelidonichthys kumu</i> (Lesson et Garnot)
短鳍红娘鱼	<i>Lepidotrigla micropterus</i> Gunther
斑头鱼	<i>Agrammus agrammus</i> (Temminck et Schlegel)
叉线六线鱼	<i>Hexagrammos octogrammus</i> (Pallss)
大泷六线鱼	<i>H. otakii</i> Jordan et Starks
长线六线鱼	<i>H. lagocephalus</i> (Pallas)
短鲬	<i>Parabembas curtus</i> (Temminck et Schlegel)
日本瞳鲬	<i>Inegocia japonicus</i> (Tilesius)
鳄鲬	<i>Cociella crocodilus</i> (Tilesius)
鲬	<i>Platycephalus indicus</i> (Linnaeus)
角杜父鱼	<i>Ceratocottus diceraus</i> (Palla)
尖头杜父鱼	<i>Vellitor centropomus</i> (Richardson)
松江鲈	<i>Trachidermus fasciatus</i> Heckel
裸杜父鱼	<i>Gymnophanthis herzensteini</i> Jordan et Starks
小杜父鱼	<i>Cottiusculus gonez</i> Schmidt
鳚杜父鱼	<i>Pseudoblennius cottoides</i> (Richardson)
绒杜父鱼	<i>Hemitripterus vilosus</i> (Pallas)
似鲟足沟鱼	<i>Podothecus sturioides</i> (Guichenot)
雀鱼	<i>Lethotremus awae</i> Jordan et Snyder
网纹狮子鱼	<i>Liparis chefuensis</i> Wu et Wang
赵氏狮子鱼	<i>L. choanus</i> Wu et Wang
细纹狮子鱼	<i>L. tanakae</i> (Gilbert et Burke)
河北狮子鱼	<i>L. petschiliensis</i> (Rendahl)
桂皮斑鲆	<i>Pseudorhombus cinnamomeus</i> (Temminck et Schlegel)
南海斑鲆	<i>P. neglectus</i> Bleeker
高体大鳞鲆	<i>Tarphops oligolepis</i> (Bleeker)
高眼鲽	<i>Cleisthenes herzensteini</i> (Schmidt)
虫鲽	<i>Eopsetta grigorjewi</i> (Herzenstein)
大牙拟庸鲽	<i>Hippoglossoides dubius</i> Schmidt
圆斑星鲽	<i>Verasper variegatus</i> (Temminck et Schlegel)
条斑星鲽	<i>V. moseri</i> Jordan et Gilbert
角木叶鲽	<i>Pleuronichthys cornutus</i> Temminck et Schlegel)
钝吻黄盖鲽	<i>Pseudopleuronectes yokohamae</i> (Gunther)
尖吻黄盖鲽	<i>P. herzensteini</i> (Jordan et Snyder)
黑光鲽	<i>Liopsetta obscura</i> (Herzenstein)
粒鲽	<i>Clidoderma asperrima</i> (Temminck et Schlegel)
石鲽	<i>Kareius bicoloratus</i> (Basilewsky)

长鲽	<i>Tanakius kitaharae</i> (Jordan et Starks)
亚洲油鲽	<i>Microstomus achne</i> (Jordan et Starks)
日本钩嘴鳎	<i>Heteromycteris japonicus</i> (Temminck et Schlegel)
带纹条鳎	<i>Zebrias zebra</i> (Bloch)
栉鳞须鳎	<i>Paraplagusia guttata</i> Macleay
宽体舌鳎	<i>Cynoglossus robustus</i> Gunther
短吻舌鳎	<i>C. joyneri</i> Gunther
长吻舌鳎	<i>C. lighti</i> Norman
半滑舌鳎	<i>C. semilaevis</i> Gunther
短吻三线舌鳎	<i>C. abbreviatus</i> (Gray)
紫斑舌鳎	<i>C. purpureomaculatus</i> Regan
东方无线鳎	<i>Sympfurus orientalis</i> (Bleeker)
短吻三刺鲀	<i>Triacanthus brevirostris</i> Temminck et Schlegel
粗突箱鲀	<i>Ostracion tuberculatus</i> Linnaeus
角箱鲀	<i>Lactoria cornutus</i> (Linnaeus) [<i>Ostracion cornutus</i>]
黑鳃兔头鲀	<i>Lagocephalus inermis</i> (Temminck et Schlegel)
虫纹东方鲀	<i>Fugu vermicularis</i> (Temminck et Schlegel) [<i>Spheroides vermicularis</i>]
紫色东方鲀	<i>F. porphyreus</i> (Temminck et Schlegel)
豹纹东方鲀	<i>F. pardalis</i> (Temminck et Schlegel)
弓斑东方鲀	<i>F. ocellatus</i> (Linnaeus) [<i>Spheroides ocellatus</i>]
星点东方鲀	<i>F. niphobles</i> (Jordan et Snyder) [<i>Takifugu niphobles</i> (8)]
网纹东方鲀	<i>F. reticularis</i> Tian, Cheng et Wang
墨绿东方鲀	<i>F. basilevkianus</i> (Basiltwsky)
菊黄东方鲀	<i>F. flavidus</i> Li, Wang et Wang et Wang
红鳍东方鲀	<i>F. rubripes</i> (Trmmink et Schlegel)
假晴东方鲀	<i>F. pseudommus</i> (Chu)
暗纹东方鲀	<i>F. obscurus</i> (Abe) [<i>Spheroides obscurus</i>]
铅点东方鲀	<i>F. alboplumbeus</i> (Richardson) [<i>Spheroides alboplumbeus</i>]
黄鳍东方鲀	<i>F. xanthopterus</i> (Temminck et Schlegel) [<i>Spheroides xanthopterus</i> , <i>Takifugu xanthopterus</i> (8)]
双斑东方鲀	<i>F. bimaculatus</i> (Richardson)
翻车鲀	<i>Mola mola</i> (Linnaeus)
黄鮟鱇	<i>Lophius litulon</i> (Jordan)
棘茄鱼	<i>Halieutaea stellata</i> (Vahl)
蠣龟	<i>Caretta c. gigas</i> Deraniyagala [<i>C. c. olivacea</i>]
玳瑁	<i>Eretmochelys imbricata</i> (Linnaeus)
丽龟	<i>Lepidochelys olivacea</i> (Eschscholtz)
棱皮龟	<i>Dermochelys coriacea</i> (Linnaeus)
青灰海蛇	<i>Hydrophis caerulescens</i> (Shaw)
青环海蛇	<i>H. cyanocinctus</i> Daudin
平须海蛇	<i>Lalpemis hardwickii</i> (Gray)
海蝰	<i>Praescutata viperina</i> (Schmidt)

露脊鲸	<i>Eubalaena glacialis</i> (Borowski)
灰鲸	<i>Eschrichtius robustus</i> (Lilljeborg)
蓝鲸	<i>Balaenoptera musculus</i> (Linnaeus)
长须鲸	<i>B. physalus</i> (Linnaeus)
鲸	<i>B. borealis</i> Lesson
鳀鲸	<i>B. edeni</i> Anderson
小 鲸	<i>B. acutorostrata</i> Lacepede
座头鲸	<i>Megaptera novaeangliae</i> (Borowski)
抹香鲸	<i>Physeter macrocephalus</i> Linnaeus
日本喙鲸	<i>Mesoplodon ginkgodens</i> Nishiwaki et Kamiya
虎鲸	<i>Orcinus orca</i> (Linnaeus)
伪虎鲸	<i>Pseudorca crassidens</i> (Owen)
江豚	<i>Neophocaena phocaenoides</i> (G. Cuvier)
真海豚	<i>Delphinus delphis</i> Linnaeus
宽吻海豚	<i>Tursiops truncatus</i> (Montagu)
太平洋短吻海豚	<i>Lagenorhynchus obliquidens</i> Gill
斑海豹	<i>Phoca largha</i> Pallas [<i>P. vitulina</i>]
环海豹	<i>P. hispida</i> (Schreber)
北海狮	<i>Eumetopias jubata</i> (Schreber)
北海狗	<i>Callorhinus ursinus</i> (Linnaeus)

Site Name (or ID)	Site			Location (range)		Objectives of Protection	Area (ha)			
	Province	City or County	Description	Long	Lat		Total	Core Area	Buffer Area	Experiment Area
Yalujiang River Estuary Wetland Nature Reserve	Liaoning	Dandong	the wetland from Gushan Town to Yalujiang River Mouth	123.63E	39.83N	Dolly Varden Charr (<i>S.malme</i>) , <i>Hucho taimen</i> , <i>Lampetra morii</i> , <i>Glycine soja</i> , <i>Grus japonensis</i> , <i>Grus vipo</i> , <i>Ciconia boyciana</i> , <i>Cygnus columbianus</i> , <i>Grus grus</i> , <i>Cygnus Cygnus</i> , <i>Egretta eulophotes</i> ,	112180	14642	71057	22358
Dalian Haiwangjiu Island Nature Reserve	Liaoning	Zhuanhe county of Dalian	to the northeast of Changshan Islands,North Yellow Sea	123.03E	39.50E	Seascape, rocky seashore, coastal physiognomy and birds (<i>Egretta eulophotes</i> , sea mew etc.)	2143	461	1682	NA
Changhai Marine Nature Reserve	Liaoning	Changhai county of Dalian	In Changhai County	122.50E	39.33N	<i>Stichopus japonicus</i> , <i>Haliotis discus hawaii</i> , <i>Chlamys farreri</i> ,Purple sea urchin , <i>Saxidomrs purpuratus</i> , <i>Rapana thomasiiana</i> <i>Ostrea plicatula Gmelin</i> , <i>Hexagrammos otakii</i> etc.	5170	370	2000	2800
Sanshandao Marine Nature Reserve	Liaoning	Dalian	to the east of Dalian	121.83E	38.83N	<i>Haliotis discus hawaii</i> , <i>Stichopus japonicus</i> , <i>Anthocidaris crassispina</i> , <i>Scapharca broughtonii</i> , <i>Chlamys farreri</i> etc.rare economic biota including	1103	NA	NA	NA
Laopiando Marine Ecosystem Natural Reserve	Liaoning	Dalian	to the south of Dalian	121.50E	38.83N	<i>Stichopus japonicus</i> , <i>Haliotis discus hawaii</i> , <i>Anthocidaris crassispina</i> , <i>Saxidomrs purpuratus</i> , <i>Hemifusus tuba Gmelin</i> , <i>Scapharca broughtonii</i> and Karst physiognomy, sea-eroded physiognomy	1580	270	1310	NA
Snake Island and Laotieshan Natural Reserve	Liaoning	Lushunkou	to the north of Lvshunkou	120.98E	38.95N	<i>Agkistrodon shedaoensis</i> 、special ecosystem and migratory birds of northeast Asia	17055	4165	4725	8165
Dalian Spotted Seal Nature Reserve	Liaoning	Dalian	Bohai Sea coastal area in Dalian	120.83E	39.50N	<i>Phoca largha</i> and their habitats	90900	NA	NA	NA
Miaodao Marine Nature Reserve	Shandong	Changdao	located in the Bohai Sea strait	120.75E	38.00N	Birds, Chinese Scallop, abalone, sea cucumber, sea urchin , <i>Phoca largha</i> , marine landscape,ancient ashes and typical marine ecosystem	875600	NA	NA	NA
Qianliyan Island Ecosystem Nature Reserve	Shandong	Haiyang city of Yantai	In coastal waters of Haiyang city	121.38E	36.25N	wild birds	1823	52	207	1564
Kongtong Island Nature Reserve	Shandong	Yantai	In coastal waters of Yantai city	121.50E	37.55N	birds and benthos	7690	NA	NA	NA
Rongcheng Chengshantou Marine Ecosystem Nature Reserve	Shandong	Rongcheng	In Chengshan Town,Rongcheng City	122.53E	37.37N	Coastal physiognomy. lagoon ecosystem	3 000	NA	NA	NA
Rongcheng Sanggou Bay Nature Reserve	Shandong	Rongcheng	to the east of Rongcheng City	122.50E	37.08N	Scallop, Sea cucumber, <i>Ruditapes philippinarum</i> , <i>Scapharca broughtonii</i> , oyster, prawn, <i>Gelidium amansii</i> Lamour. , <i>Gracilaria verrucosa</i> , <i>S. fusiforme</i> (Harv.) Setch etc.	13 333	NA	NA	NA
Jimo Marine Nature Reserve	Shandong	Jimo	to the southeast of Jimo City,Shandong Province	120.75E	36.33N	valuable species of halobios	915	NA	NA	NA
Dagongdao Island Ecosystem Nature Reserve	Shandong	Qingdao	to the south of Qingdao City	120.50E	35.97N	Birds, Chinese Scallop, abalone, sea cucumber, sea urchin and their habitats	1600	20.05	NA	1579.95
Qingdao Japanese slugfish Nature Reserve	Shandong	Qingdao	In the south of Qingdao City	120.35E-120.45E	35.95E-36.05E	Japanese slugfish	6181	1341	2399	2441
Jiaonang Ningshan Island Nature Reserve	Shandong	Qingdao	In the coastal waters of Jiaonang county	120.25E	35.75N	Birds, Chinese Scallop, abalone, sea cucumber, sea urchin and their habitats	3283	922.6	2129.4	231.2
Rozhao Quansandao Island marine protected area	Shandong	Rizhao	In the coastal waters of Rizhao county	119.95E	35.00N	fisheries resources	41200	NA	NA	NA
Yancheng Nature Reserve	Jiangsu	Yancheng	In Xinyanggang Town,Yancheng City,Jiangsu Province	120.50E	32.50N	Endangered birds (<i>Grus japonensis</i> , <i>Grus monacha</i> , <i>Grus vipo</i> , <i>Grus grus</i> , <i>Ciconia boyciana</i> , <i>Ciconia nigra</i> , <i>Platalea minor</i> etc.) overwintering birds and silt up tidal flat wetland ecosystem	453,300	17,400	NA	no data

Habitat			Community type		
Type	Area	Trend	Important Species	Major Communities	
F—estuarine waters	At the beginning of 1960s- the wetland and tide area is 51.2ha. and 36.3ha remained by 1989 because of innin	↓	Reed, potamogetonpectinatus, <i>Nymphoides peltatum</i> (Gmel) Kunze., <i>Suaeda glauca</i> , <i>Diplachne fusca</i> (L.) Beauv., larch, <i>Pinus koraiensis</i> Sieb. et Zucc., <i>Sophora japonica</i> L., <i>Scomberomorus niphonius</i> , <i>Pneumatophorus japonicus</i> <i>Squilla orahaia</i> de Hoon., <i>Setipinnis taty</i> , <i>Raja porosa</i> , <i>Engraulis japonicus</i> , <i>Pseudosciaena polylepis</i>	Vertebrate:338 species,including 241 species of birds , 88 species of fish, 3 species of amphibian, 6 species of mammals. Invertebrate: 74 species. Phytoplankton: 55 species, Zooplankton: 54 species	
Zk(b)—Karst and other subterranean hydrological systems	2143	↓	Egret, sea-mew, <i>Asterias rotundata</i> Bell , salangane, thomasiana, cockle, <i>Scapharca broughtonii</i> , Purple sea urchin	pine forest, sea birds	
A—Permanent shallow marine waters	NA	↓	<i>Stichopus japonicus</i> , <i>Haliotis discus hawaii</i> , <i>Chlamys farreri</i> , Purple sea urchin, <i>Saxidomus purpuratus</i> , <i>Rapana thomasi</i> <i>Ostrea plicatula</i> Gmelin , <i>Hexagrammos otakii</i> Jordan et Starks etc.	plankton and benthos, pine forest, sea birds	
A—Permanent shallow marine waters	NA	↓	<i>Stichopus japonicus</i> , <i>Haliotis discus hawaii</i> , sand dollar, <i>Scapharca broughtonii</i> , scallop etc.	<i>Stichopus japonicus</i> , <i>Haliotis discus hawaii</i>	
Zk(b)—Karst and other subterranean hydrological systems	NA	↓	<i>Stichopus japonicus</i> , <i>Haliotis discus hawaii</i> , Purple sea urchin, <i>Saxidomus purpuratus</i> , <i>Hemifusus tuba</i> Gmelin , <i>Scapharca broughtonii</i> , Sargasso	<i>Stichopus japonicus</i> , <i>Haliotis discus hawaii</i> , Purple sea urchin, <i>Saxidomus purpuratus</i> , <i>Hemifusus tuba</i> Gmelin , <i>Scapharca broughtonii</i> , Sargasso	
The main vegetation type is secondary broadleaf defoliated forest,mainly arbor and frutex.	NA	unknown	<i>Agkistrodon shedaoensis</i>	<i>Agkistrodon shedaoensis</i> : 18000 individuals, 117 species of insect, 115 species of birds. Laotieshan area :293 species of birds, including 10 species of first-class protection birds,45 species of second-class protection birds,25 species of others. Vashegyite 85 families 422 species in Laotieshan, vashegyite 53 families 201 species (angiosperm 53 families 197 species) in Shedad	
D—Rocky marine shores	NA	unknown	<i>Phoca largha</i>	plankton and benthos	
A—Permanent shallow marine waters; D—Rocky marine shores	52.766km ²	↓	<i>Phoca largha</i> , <i>Balaenoptera physalus</i> , <i>Eubalaena japonica</i> , <i>Orcinus orca</i> , <i>Pseudorca crassidens</i> , <i>Tursiops truncatus</i> , <i>Delphinus delphis</i> , <i>Neophocaena phocaenoides</i> , prawn, <i>Scomberomorus niphonius</i> , <i>Lateolabrax japonicus</i> , scallop, <i>Stichopus japonicus</i> , <i>Haliotis discus hawaii</i> , sand dollar, <i>Grus japonensis</i> , <i>Ciconia boyciana</i> , <i>Cygnus Cygnus</i>	plankton and benthos, pine forest, sea birds	
D—Rocky marine shores	1823	unknown	wild birds,evergreen forest	plankton and benthos, pine forest, sea birds	
D—Rocky marine shores	NA	unknow	wild birds,pine forest	plankton and benthos, pine forest, sea birds	
A—Permanent shallow marine waters	NA	unknown	wild birds	<i>Cygnus Cygnus</i>	
A—Permanent shallow marine waters	Water area of the bay is 143.20km ² ,the intertidal area is 20km ² .	↓	<i>Skeletonema costatum</i> , <i>Chaetoceros compressus</i> , <i>Pseudonitzschia pungens forma multiseries</i> , <i>Leptocylindrus danicus</i> Cleve , <i>Asterionella japonica</i> , <i>C. tripos</i> (O. F. Muller) Nitzsch , <i>Ceratium fusus</i> (Ehrenberg) Dujardin , <i>Chaetoceros pseudocurvisetus</i> Mang. , <i>S. crassa</i> Tokioka , <i>Calanus sinicus</i> Brodsky , <i>Acartia clausi</i> Giesbrecht , <i>Corycaeus affinis</i> McMurrichi , <i>Oithona brevicornis</i> , <i>Leanira japonica</i> McIntosh , <i>Nephtys oligobranchia</i> , <i>Glycera chiori</i> Izuka , <i>Inermonephrys</i> sp. , <i>Lumbicomerereis heteropoda</i> , <i>Sternaspis scutata</i> , <i>Macoma</i> spp. , <i>Capiz Shell</i> , <i>Episiphon kachowwanense</i> , <i>Philine japonica</i> , <i>Ringicula</i> (<i>Ringiculina</i>) spp. , <i>Leptochela gracilis</i> , <i>Urothoe</i> sp.	<i>Skeletonema costatum</i> , <i>Chaetoceros compressus</i> , <i>Pseudonitzschia pungens forma multiseries</i> , <i>Leptocylindrus danicus</i> Cleve , <i>Asterionella japonica</i> , <i>C. tripos</i> (O. F. Muller) Nitzsch , <i>Ceratium fusus</i> (Ehrenberg) Dujardin , <i>Chaetoceros pseudocurvisetus</i> Mang. , <i>S. crassa</i> Tokioka , <i>Calanus sinicus</i> Brodsky , <i>Acartia clausi</i> Giesbrecht , <i>Corycaeus affinis</i> McMurrichi ,	
A—Permanent shallow marine waters	NA	↓	abalone,sea cucumber etc.	abalone,sea cucumber	
D—Rocky marine shores	water area is 15.83km ² ,the island area is 0.17km ² .	→	wild birds,Chinese Scallop, abalone, sea cucumber, sea urchin	plankton and benthos, pine forest, sea birds	
A—Permanent shallow marine waters	NA	unknown	Japanese slugfish	plankton and benthos	
D—Rocky marine shores	NA	unknown	wild birds,Chinese Scallop, abalone, sea cucumber, sea urchin	plankton and benthos, pine forest, sea birds	
A—Permanent shallow marine waters	NA	unknown	Chinese Scallop, abalone, sea cucumber, sea urchin etc.	plankton and benthos	
H —intertidal marshes	NA	↓	<i>Grus japonensis</i> , <i>Grus monacha</i> , <i>Grus vipio</i> , <i>Laurs saundersi</i> , common crane , <i>Ciconia boyciana</i> , <i>Ciconia nigra</i> , <i>Platalea minor</i> and other birds of living through the winter	600 to 800 <i>Grus japonensis</i> overwinter, annually more than 1500 <i>Laurs saundersi</i> overwinter and reproduce, 2000 deer	

Human activities	Management institution						References	Remarks
	Level	Responsible Department	Date of Establishment (Approval Date)	Active Management	Staff No.	Monitoring Activities (Y/N)		
planting,aquaculture,building,dam etc.	national	State Environmental Protection Administration	December 7, 1997	Y	23	Y	1,2,3,4,5,6,29	
aquaculture ,sightseeing	municipal	Oceanic and Fisheries Bureau of Dalian City	August 1, 2000	Y	1 part-time staff from Oceanic & Fisheries Bureau of Dalian City	N	7,29	
aquaculture,sightseeing	provincial	Oceanic and Fisheries Bureau of Liaoning Province	December 1, 1998	Y	12	Y	8, 29	
aquaculture	municipal	Oceanic and Fisheries Bureau of Dalian City	Dec, 1986	Y	1 part-time staff from Oceanic & Fisheries Bureau of Dalian City	N	9, 10, 29	
aquaculture ,sightseeing	municipal	Oceanic and Fisheries Bureau of Dalian City	August 1, 2000	Y	1 part-time staff from Oceanic & Fisheries Bureau of Dalian City	N	11, 29	
Dalian Institution of Snake Research and Snake Island museum were established.	national	State Environmental Protection Administration	August 6,1980	Y	35	Y	12,13,14,15,29	
aquaculture ,sightseeing	municipal	Oceanic and Fisheries Bureau of Dalian City	September 1, 1991	Y	1 part-time staff from Oceanic & Fisheries Bureau of Dalian City	N	16,29	
mariculture,fishing,sightseeing,harbor,shipping	national	State Oceanic Administration	May 9,1988	Y	1 part-time staff from Oceanic & Fisheries Bureau of Changdao City	N	17,18,19,29	
no disturbance	provincial	Environmental Protection Administration of Shandong Province	January 25, 2002	Y	1 part-time staff from Oceanic & Fisheries Bureau of Yantai City	N	20, 29	
aquaculture ,sightseeing	provincial	Oceanic and Fisheries Bureau of Shandong	Mar 4 2003	Y	1 part-time staff from Oceanic & Fisheries Bureau of Yantai City	N	30	
aquaculture ,sightseeing	municipal	Oceanic and Fisheries Bureau of Rongcheng City	Dec 30 2002	Y	1 part-time staff from Oceanic & Fisheries Bureau of Rongchen City	N	21,29	
Shellfish mariculture (3667ha)and kelp culture (2,667ha).Habitat reclamation for reservoirs construction,reed planting and shrimp ponds.	county	Oceanic and Fisheries Bureau of Rongcheng City	1987,	Y	1 part-time staff from Oceanic & Fisheries Bureau of Rongchen City	N	22,23,24,29	
aquaculture, agriculture field	county	Oceanic and Fisheries Bureau of Qingdao City	NA	N	NA	N	25,29	
Aquaculture,sightseeing	provincial	Environmental Protection Bureau of Qingdao City	December 24, 2001	Y	1 part-time staff from Environmental Protection Bureau of Qingdao City	N	26,29	
Sand extract	municipal	Oceanic and Fisheries Bureau of Qingdao City	Aug, 2004	Y	1 part-time staff from Oceanic and Fisheries Bureau of Qingdao City	N	31	
Aquaculture,sightseeing	provincial	Oceanic and Fisheries Bureau of Qingdao City	December 30, 2002	Y	1 part-time staff from Oceanic and Fisheries Bureau of Qingdao City	N	30	
Aquaculture	municipal	Oceanic and Fisheries Bureau of Rizhao City	1992,	Y	1 part-time staff from Oceanic and Fisheries Bureau of Rizhao City	N	30	
culture of bird, ostrich, clamworm and fish , reed planting	national	State Environmental Protection Administration	June 14, 1905	Y	30	Y	27, 28,29	

Notes:

Habitat types following RAMSAR classification system if appropriate

Location(range) is shown by the central point of area

- means decreasing trend, + means stable trend

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Name of Reclaimed Region	Site			Location (Range)		Date	Reclamation Status	Natural Coastal Habitat			Artificial Coastal Habitat			Human Activities		References
	Province	City or County	Description	Long	Lat			habitat type	area km ²	length km	habitat type	area km ²	length km	rank 1	rank 2	
Jiaozhou Bay																
Qingdao Solid Waste Dumping Area	Shandong	Qingdao City	East of Xuejia island in Qingdao	120.32°	36.00°	2002	after being extensively reclaimed	A—Permanent shallow marine waters	NA	1.4	A—Permanent shallow marine waters with dumped	3.4	NA	Waste discharge		1,3
Qianwan Integrate Harbor	Shandong	Qingdao City	Qianwan Bay,Huangdao Island	120.20°	36.01°	2002	after being extensively reclaimed	D—Rocky marine shores	NA	1.1	Harbor	NA	15.8	building comprehensive port	pollution from vessels	1,3
Dagang Integrate Harbor	Shandong	Qingdao City	From Haibo River estuary to No.6 port	120.32°	36.08°	2002	after being extensively reclaimed	D—Rocky marine shores	NA	0.8	Dock	NA	15.4	building comprehensive port	pollution from vessels	1,3
Huangdao Oil Harbor	Shandong	Qingdao City	Northeast of Huangdao Island	120.23°	36.05°	2002	after being extensively reclaimed	D—Rocky marine shores	NA	0.8	Port	NA	3.7	building oil port	pollution from vessels	1,3
Dongying Harbor	Shandong	Qingdao City	West shore of Dagu River estuary	120.10°	36.18°	2002	after being extensively reclaimed	D—Rocky marine shores	NA	0.2	Dock	NA	NA	building port	pollution from vessels	1,3
Huangdao Harbor	Shandong	Qingdao City	Between Huangdao oil harbor and power station	120.24°	36.03°	2002	after being extensively reclaimed	D—Rocky marine shores	NA	NA	Dock	NA	2.7	building port	pollution from vessels	1,3
Anzi Harbor	Shandong	Qingdao City	West shore of Haixi Bay	120.23°	36.00°	2002	after being extensively reclaimed	E—Sand shores	NA	2.9	land(concrete)	NA	1.8	building port	pollution from vessels	1,3
Haibohe Industrial Dock	Shandong	Qingdao City	South of Haibo River estuary	120.32°	36.08°	2002	during reclamation period	D—Rocky marine shores	0	0	Dock	NA	1.6	building industrial dock		1,3
Daoguanzui Industrial Port	Shandong	Qingdao City	Daoguanzui in Haixi Bay	120.25°	35.98°	2002	during reclamation period	D—Rocky marine shores	0	0	Dock	NA	2.4	building industrial port		1,3
Huangdao Ferry Dock	Shandong	Qingdao City	South shore of Huangdao Island	120.22°	36.03°	2002	after being extensively reclaimed	A—Permanent shallow marine waters	1.4	NA	Shallow water	NA	0.5	building ferry dock	waste discharge from ferry ships and passengers	1,3
Sichuan Road Ferry Dock	Shandong	Qingdao City	Northwest shore of Sichuan Road	120.28°	36.07°	2002	after being extensively reclaimed	A—Permanent shallow marine waters	4.1	NA	Shallow water	NA	NA	building ferry dock	waste discharge from ferry ships and passengers	1,3
Wusi square coastal line	Shandong	Qingdao City	Fushansuo Bay	120.37°	36.05°	2002	after being extensively reclaimed	A—Permanent shallow marine waters	3.7	NA	Shallow water	NA	2.8	filling up the beach	waste discharge from visitors	1,3

Haizhou Bay																
Lianyungang Solid Waste Dumping Area 1	Jiangsu	Lianyungang City	Northern dumping Area lies to the north of Yangwotoujiajiao in Donglian Island	119.53°19.50°	34.77°34.76°	2002	during reclamation period	D—Rocky marine shores	0.7	NA	Dock	1.4	NA	Solid waste dumping(mainly waste dumping from Lianyungang port)		2, 3
Lianyungang Waste Dumping Area 2	Jiangsu	Lianyungang City	Southern dumping Area lies to the east of Gaogong Island and in the south of Out sea-route	119.53°19.58°11.58°	34.72°34.73°34.71°34.72°	2002	during reclamation period	D—Rocky marine shores	0.3	NA	Dock	4.1	NA	Solid waste dumping(mainly waste dumping from Lianyungang port)		2, 3
Yuntai Waste Dumping Area 2	Jiangsu	Lianyungang City	East of No.2 Shrimp Pond, within 2450m distance to the east seawall of Dakougang floodgate	NA	NA	2002	during reclamation period	A	3.7	NA	Shallow water	3.7	NA	Solid waste dumping(Draining residue from alkali factory)		2, 3
Lianyungang Basin 1	Jiangsu	Lianyungang City	Business port of Lianyungang harbor	119.42°	34.73°	2002	after being extensively reclamated	D	17.1	12	Harbor	17.1	22	building business port	pollution from vessels	2, 3
Lianyun Dock 4	Jiangsu	Lianyungang City	Laohuzui in Yang Hill,Gaogongdao Island,Lianyun District	119.47°	34.70°	2002	during reclamation period	D	0.1	NA	Dock	0.1	NA	building fishing port		2, 3
Lianyun Dock 6	Jiangsu	Lianyungang City	Lianyungang fishing port	119.46°	34.70°	2002	after being extensively reclamated	D	0.7	NA	Dock	0.7	NA	building fishing port		2, 3
Lianyun Dock 7	Jiangsu	Lianyungang City	South part of Lianyungang business port	119.45°	34.75°	2002	after being extensively reclamated	D	0.3	NA	Dock	0.3	NA	building port		2, 3

Notes:

Habitat types following RAMSAR classification system if appropriate

Location(range) is shown by the central point of area

The location coordinate and some data of area are estimated based on maps.

Human activities rank is from the project team member' analysis.

To caculate the habitat change the baseline year is necessary. Here we use the 2002 as the baseline year because the survey date on coastal reclamation is 2002..

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3 Information Sheet on Ramsar Wetlands(RIS)-2006-2008 version

Site Name (or ID)	Site			Location (range)		Date	Habitat Type	Habitat Area km ²	Major Utilization	Human Activity			References	Remarks
	Province	City or County	Description	Long	Lat					rank 1	rank 2	rank 3		
Jiaozhou Bay														
Northwest Jiaozhou Bay Tidal-Flat MA	Shandong	Jiaozhou City	Coastal area from Yinghai to Hongshiya	120.13°	36.02°	2002	G—Intertidal mud or sand flats	7	Mariculture	Waste discharge from mariculture			1, 3	
North Jiaozhou Bay Tidal-Flat MA	Shandong	Qingdao City	West of Hongdao Island ,east of Dagu River and south of salt pan	120.17°	36.22°	2002	G—Intertidal sand flats	7	Mariculture	Waste discharge from mariculture			1, 3	
Northeast Jiaozhou Bay MA	Shandong	Qingdao City	From Hongdao Island to the central watercourse of Moshui estuary	120.32°	36.25°	2002	G—Intertidal mud or sand flats	12	Mariculture	Waste discharge from mariculture			1, 3	
West Hongdao Island Salt Pan and MA	Shandong	Qingdao City	From Hongdao Island to Dagu River	120.02°	36.18°	2002	G—Intertidal mud or sand flats	about 5	Salt pan, mariculture	Salt extraction	Waste discharge from mariculture		1, 3	
Huangdao Island Filling Up Sea Area	Shandong	Qingdao City	From west of Huangdao island to the land	120.18°	36.03°	2002	G—Intertidal mud or sand flats	>13	Salt pan, mariculture	Salt extraction	pollution from shrimp culture		1, 3	
Haizhou Bay														
Ganyu Tidal-Flat MA 4	Jiangsu	Lianyungang City	To the East of seawall,north of Qingkou River estuary,Qingkou Town	119.17°	34.85°	2002	G—Intertidal mud flats	9.46	Shellfish,shrimp,laver culture	waste discharge from shrimp,shellfish and laver culture			2, 3	
Ganyu Tidal-Flat MA 5	Jiangsu	Lianyungang City	From the east of seawall to the lowest tidal line,north to Jiuli Town,south to Xingzhuang River estuary	119.20°	35.00°	2002	G—Intertidal mud flats	5.724	Shellfish,shrimp,laver culture	waste discharge from shrimp,shellfish and laver culture			2, 3	
Yuntai Tidal-Flat MA 1	Jiangsu	Lianyungang City	East from the border of Lianyun District,to the east of Linhong River estuary,north to Wuqi salt pan,upper the lowest tidal line	119.20°	34.75°	2002	G—Intertidal mud or salt flats	20.971	Shrimp,shellfish culture	waste discharge from shrimp and shellfish culture			2, 3	
Yuntai Tidal-Flat MA 2	Jiangsu	Lianyungang City	From Dabangqiao floodgate to the west of Zhanggangqiao floodgate,from seawall to the lowest tidal line	119.43°	34.65°	2002	G—Intertidal mud, sand or salt flats	27.116	Shrimp,laver culture	waste discharge from shrimp and laver culture			2, 3	
Guanyun Tidal-Flat MA 1	Jiangsu	Lianyungang City	To the northwest of Tuxi floodgate,1km to Tuxi floodgate	119.62°	34.50°	2002	G—Intertidal mud, sand or salt flats	5.701	Fish,shrimp,crab, shellfish culture	waste discharge from mariculture			2, 3	
Guanyun Tidal-Flat MA 2	Jiangsu	Lianyungang City	Tuangang Village,Yanweigang Town	119.77°	34.48°	2002	G—Intertidal mud, sand or salt flats	2.07	Shrimp, shellfish culture	waste discharge from mariculture			2, 3	

Guanyun Tidal-Flat MA 3	Jiangsu	Lianyungang City	The intertidal Area outside the Area from Liezi River estuary to Guan River estuary	119.72°	34.05°	2002	G—Intertidal mud, sand or salt flats	9.935	Shellfish, shrimp and algae culture	waste discharge from mariculture			2, 3	
Guanyun Tidal-Flat MA 8	Jiangsu	Lianyungang City	Area of Donglong floodgate to Liuwei floodgate	119.70°	34.52°	2002	G—Intertidal mud, sand or salt flats	3.262	Mariculture	waste discharge from mariculture			2, 3	
Guanyun Tidal-Flat MA 9	Jiangsu	Lianyungang City	West of Yanweigang Town	119.58°	34.47°	2002	G—Intertidal mud, sand or salt flats	1.436	Industrial mariculture	waste discharge from mariculture			2, 3	
Lianyungang Shallow Water MA 4	Jiangsu	Lianyungang City	The sea area around Dashan Island and Cheniushan Island	119.88°	35.00°	2002	G—Intertidal mud, sand or salt flats	22.159	Artificial reef for fishing	artificial reef for fishing			2, 3	
Salt Pan Area 1	Jiangsu	Lianyungang City	North and east to Dapu industrial district of Taibei Salt Pan, west to seawall,south to Pайдан River	119.20°	34.68°	2002	G—Intertidal mud, sand or salt flats	3.23	Salt extraction	Salt extraction			2, 3	
Salt Pan Area 4	Jiangsu	Lianyungang City	East to Fangnan salt pan,Xuwei Salt pan,west to Pайдан River,south to Shaoxiang River,north to seawall	119.48°	34.60°	2002	G—Intertidal mud, sand or salt flats	102.901	Salt extraction	Salt extraction			2, 3	
Salt Pan Area 5	Jiangsu	Lianyungang City	East to Liezi River,west to Tainan salt pan,south to Shaoxiang River,north to seawall	119.57°	34.53°	2002	G—Intertidal mud, sand or salt flats	13.738	Salt extraction	Salt extraction			2, 3	
Salt Pan Area 6	Jiangsu	Lianyungang City	East to Beigu Hill, west to Hong River,south to Longhai Railway,the north to seawall	119.23°	34.72°	2002	G—Intertidal sand or salt flats	6.674	Salt extraction	Salt extraction			2, 3	
Salt Pan Area 7	Jiangsu	Lianyungang City	East to Yuejing Salt Pan,west to shrimp pond,south to Guanxi Salt Pan,north to shrimp pond	119.67°	34.48°	2002	G—Intertidal mud, sand or salt flats	62.745	Salt extraction	Salt extraction			2, 3	

Notes:

Habitat types following RAMSAR classification system if appropriate

Location(range) is shown by the central point of area

The location coordinate and some data of area are estimated based on maps.

Human activities rank is from the project team member' analysis.

MA: Mariculture Area

References

- 1,Marine zoning report of Shandong Province,2004,Beijing:Ocean Press,pp161
- 2,Fined marine zoning report of Jiangsu Province,2002,Beijing:Ocean Press,pp321
- 3,Information Sheet on Ramsar Wetlands(RIS)-2006-2008 version

Site Name (or ID)	Provinc	City or County	Description	Long	Lat				Year	Government
Shandong										
Beihuangcheng Island Shallow Water MA	Shandong	Changdao County	Sea area around Beihuangcheng Island	120.93°121.0 0°	38.36°38.40 °	1400	Shellfish,sea-cucumber,sea-hedgehog,kelp culture	Developed	2002	Shandong provincial government
Changdao Island Comprehensive Exploitation and Test Area	Shandong	Changdao County	Water area in Miaodao and Gaoshandao	120.66°	37.92°	640	Scientific research and experiment area	Developed	2002	Shandong provincial government
Changdao National Forest Park	Shandong	Changdao County	The southeast of Nanchangshan island	120.58°	37.95°	128	Protection for seabirds and forest, Tour	Developed	2002	Shandong provincial government
Cheyou Island-Zhushan Island Shallow Water MA	Shandong	Changdao County	Sea area around Cheyou Island	120.71°120.9 8°	38.00°38.08 °	13400	Shellfish,sea-cucumber,sea-hedgehog culture	Developed	2002	Shandong provincial government
Daqing Island Shallow Water MA	Shandong	Changdao County	Sea area around Daqing Island	120.76°120.9 3°	38.21°38.32 °	13300	Shellfish,sea-cucumber,sea-hedgehog,kelp culture	Developed	2002	Shandong provincial government
East Daqing Island MAriculture Reserve	Shandong	Changdao County	East of Daqing island in Changdao county	120.83°	38.11°	6000	Mariculture	Fishing	2002	Shandong provincial government
East Nanchangshan Island Shallow Water MA	Shandong	Changdao County	Eastern sea area of Nanchangshan Island and Beichangshan Island	120.7°120.9°	37.89°38.00	11300	Shellfish,sea-cucumber culture	Developed	2002	Shandong provincial government
Nangwudao Tidal-Flat MA	Shandong	Changdao County	Around the five southern islands of Changdao	120.67°	37.91°	646	Fish,shellfish,sea-cucumber culture	Developed	2002	Shandong provincial government
Nanhuangcheng Island Shallow Water MA	Shandong	Changdao County	Sea area around Nanhuangcheng Island	120.89°121.0 0°	38.34°38.37 °	3600	Shellfish,sea-cucumber,sea-hedgehog,kelp culture	Developed	2002	Shandong provincial government
North Beihuangcheng Island MAriculture Reserve	Shandong	Changdao county	North of Beihuangcheng island	120.60°	37.93°	21000	Mariculture	Fishing Area	2002	Shandong provincial government
North Houji Island Shallow Water MA	Shandong	Changdao County	Northern sea area of Houji Island	120.50°120.7 0°	38.04°38.17 °	18500	Shellfish,sea-hedgehog culture	Developed	2002	Shandong provincial government
North-East Tuoji Island MAriculture Reserve	Shandong	Changdao County	Sea area in the north and east of Tuoji Island in Changdao county	120.58°	37.90°	36000	Mariculture	Fishing Area	2002	Shandong provincial government
Northwest Qingdao Benthic Enhancement Area	Shandong	Changdao County	Northwest sea area of Daqingdao and Xiaoqingdao	120.67°120.3 4°	38.33°38.40 °	6800	Shellfish enhancement	Developed(partly)	2002	Shandong provincial government
Snake Nature Reserve	Shandong	Changdao County	Daheishan Island Changdao County	NA	NA	737	Protection for snake (Agkistrodon shedaoensis)	Developed	2002	Shandong provincial government
Southeast Nanchangshan Shellfish Enhancement Area	Shandong	Changdao County	The southeast sea area of Nanchangshan, Changdao County	120.87°120.9 7	37.88°37.95	3480	Shellfish enhancement	Developed	2002	Shandong provincial government
Tuoji Island Shallow Water MA	Shandong	Changdao County	To the south of Tuoji Island,east of Houji Island and north of Dazhushan Island and Xiaozhushan Island	120.65°120.8 0°	38.01°38.07 °	18900	Shellfish,sea-cucumber,sea-hedgehog,kelp culture	Developed	2002	Shandong provincial government
West Daheishan Island MAriculture Reserve	Shandong	Changdao County	West of Daheishan island in Changdao county	NA	NA	9000	Mariculture	Now, Fishing	2002	Shandong provincial government
West Nanchangshan Island Shallow Water MA	Shandong	Changdao County	Western sea area of Nanchangshan Island	120.50°120.7 0°	37.89°37.89 °	16400	Shellfish culture	Developed	1984	Shandong provincial government
Xiaoqing Island Shallow Water MA	Shandong	Changdao County	Around Xiaoqing Island	120.79°120.8 3°	38.32°38.36 °	830	Shellfish,sea-cucumber,sea-hedgehog culture	Developed	2002	Shandong provincial government
Aozi Salt Pan	Shandong	Haiyang City	South of Aozi Village, Xingcun Town	NA	NA	300	Salt extraction	Developed	2002	Shandong provincial government
Dabuquan MA	Shandong	Haiyang City	Sea area within 5m depth line from Dabuquan Dock to Pipa Island	NA	NA	2160	Shellfish culture	Developed	2002	Shandong provincial government
East Dabuquan MA	Shandong	Haiyang City	Tidal-flat from Dabuquan Dock to Pipa Island	NA	NA	500	Mariculture	Developed	2002	Shandong provincial government
East Haiyang Harbor MA	Shandong	Haiyang City	Between sea-route of Haiyang Harbor and sea-route of Rushankou Harbor	NA	NA	24000	Shellfish culture	Developed	2002	Shandong provincial government
Haiyang Harbor Berth Reserve	Shandong	Haiyang City	Outside Haiyang Harbor	NA	NA	780	For ship berth	Undeveloped	2002	Shandong provincial government
Haiyang Resort	Shandong	Haiyang City	The southern seashore of Fengcheng Town	NA	NA	1037	Tour	Developed	2001	Shandong provincial government
Qianliyan Nature Reserve	Shandong	Haiyang City	Qianliyan Island and its nearby coastal waters	NA	NA	1600	Protection for seabirds, forest and shellfish etc.	Developed	2002	Shandong provincial government
West Bugelan MA	Shandong	Haiyang City	West of Bugelan and east of Gaojiangzhuang dock	NA	NA	1700	Shellfish,shrimp culture	Developed	2002	Shandong provincial government
West Haiyang Harbor MA	Shandong	Haiyang City	Sea area between 5m and 15m depth line, lies to the west of sea-route of Fengcheng Harbor and east of Tubu Island and Jinlanbian line	NA	NA	25000	Shellfish culture	Developed	2002	Shandong provincial government
West Yangjiaopan MA	Shandong	Haiyang City	Tidal-flat of the west of Yangjiaopan	NA	NA	4000	Shrimp culture	Developed	2002	Shandong provincial government
Xiangyang Salt Pan	Shandong	Haiyang City	South of Chuangzitou Village,Xinan Town	NA	NA	360	Salt extraction	Developed	2002	Shandong provincial government

North Guzhenkou Bay MA	Shandong	Jiaonan City	Northern part of Guzhenkou	NA	NA	500	Shellfish culture	Developed	2002	Shandong provincial government	1
North Huangjiatang Bay MA	Shandong	Jiaonan City	located in north of Huangjiatang Bay and Qizi Bay	NA	NA	1000	Shellfish culture	Developed	2002	Shandong provincial government	1
Northwest Jiaozhou Bay Tidal-Flat MA	Shandong	Jiaozhou City	Coastal area from Yinghai to Hongshiya	NA	NA	700	Mariculture	Developed:6~7km ² pond for culture	2002	Shandong provincial government	1
Bozitan Tidal-Flat MA	Shandong	Jimo City	North of Hengmen Bay	NA	NA	1200	Mariculture	Developed:400ha pond	2002	Shandong provincial government	1
Jimo Tidal-Flat MA	Shandong	Jimo City	Southwest of Aoshanwei Town	NA	NA	300	Mariculture	Developed: 100ha pond for culture	2002	Shandong provincial government	1
South Dingzi Bay Tidal-Flat MA	Shandong	Jimo City	From Kaolao beach to Jinkou beach,south of Dingzi Bay	NA	NA	2670	Mariculture	Developed:2000ha pond	2002	Shandong provincial government	1
Laiyang Tidal-Flat MA	Shandong	Laiyang City	Tidal-flat outside seawall	NA	NA	400	Shellfish culture	Developed	2002	Shandong provincial government	1
Beigou-Dengzhou Tidal-Flat Shell Benthal Culture	Shandong	Penglai City	Between Beigou, Penglai City and the coast of Dengzhou, within 1000m below the high-tidal line	120.63°120.6 9°	NA	600	Shellfish,sea-cucumber culture	Developed	2002	Shandong provincial government	1
Central Penglai Suspended MA	Shandong	Penglai City	Sea area outside Mage village,Xiesongying,Chaoshui and Dajijia Town	120.85°121.1 5°	37.72°37.83 °	22000	Shellfish,kelp culture	Developed	2002	Shandong provincial government	1
Changdao National Avian Nature Reserve	Shandong	Penglai City	South and North Changshan Island,Daheishan Island,Cheyou Island and etc	NA	NA	3700	Protection for seabirds	Developed	1982	Shandong provincial government	1
Dajijia Benthic Culture Area	Shandong	Penglai City	Sea area within 1000m from high tidal line of Dajijia Town	120.08° 121. 15°	NA	900	Shellfish,sea-cucumber,sea-hedgehog,algae culture	Developed	2002	Shandong provincial government	1
Economic Halobios MA	Shandong	Penglai City	The coastal Area of Dajijia Town,Penglai City	121.06°121.1 0°	NA	1000	Scientific research and experiment area for fish,sea-cucumber,kelp culture etc.	Developed	2002	Shandong provincial government	1
High-Quality Fish MAriculture And Test Area	Shandong	Penglai City	The coastal Area of Haitou village,Jiesongying town	120.98°121.0 0°	NA	600	Scientific research and experiment area for fish culture	Developed	2002	Shandong provincial government	1
MAgezhuang Benthic Culture Area	Shandong	Penglai City	Within 1000m from high tidal line of the coastal area of Magezhuang Town	120.85°120.9 5°	NA	900	Shellfish,sea-cucumber,sea-hedgehog,kelp culture	Developed	2002	Shandong provincial government	1
Penglai Haishi Resort	Shandong	Penglai City	From the east of Baxinju hotel to north of Jiaogezhuang Village, north border upon Dengzhou water channel	NA	NA	305.6	Tour	Developed	2002	Shandong provincial government	1
Penglai Pavilion Resort	Shandong	Penglai City	begins in the west from west of Tianheng Mountain, ends at Baxianju in the east,north border upon Dengzhou water channel	NA	NA	500	Tour	Developed	2002	Shandong provincial government	1
West Penglai MA	Shandong	Penglai City	Sea area outside 1000m from coastal line of Beigou town and Dengzhou town	120.56°120.7 2°	37.77°37.87 °	9500	Shellfish culture	Developed	2002	Shandong provincial government	1
Xiesongying-Chaoshui Benthic Culture Area	Shandong	Penglai City	Coastal area within 1000m from high tidal line, Xiesongying and Chaoshui town	120.95°121.0 3°	NA	200	Shellfish culture	Developed	2002	Shandong provincial government	1
East Wanggezhuang Tidal-Flat MA	Shandong	Qingdao City	Tidal-flat in northeast of Wanggezhuang Town,laoshan District	NA	NA	270	Mariculture	No data	2002	Shandong provincial government	1
Haidong-Huangbu Tidal-Flat MA	Shandong	Qingdao City	From the north of Beiwian of Mountain Lao to the west of Daqiao salt pan	NA	NA	530	Mariculture	Developed:300ha pond for culture		Shandong provincial government	1
North Jiaozhou Bay MA	Shandong	Qingdao City	Southwest of Hong Island	NA	NA	2700	Shellfish culture	Developed	2002	Shandong provincial government	1
North Jiaozhou Bay Tidal-Flat MA	Shandong	Qingdao City	West of Hongdao Island, east of Dagu River and south of salt pan	NA	NA	700	Mariculture	Developed:7km ² pond for culture	2002	Shandong provincial government	1
Northeast Jiaozhou Bay MA	Shandong	Qingdao City	From Hongdao Island to the central watercourse of Moshui estuary	NA	NA	1200	Shellfish culture	Developed	2002	Shandong provincial government	1
Northwest Jiaozhou Bay MA	Shandong	Qingdao City	East of Hongshiya	NA	NA	1600	Shellfish culture	Developed	2002	Shandong provincial government	1
Qingdao Fishing Area	Shandong	Qingdao City	Inshore area of Qingdao	NA	NA	NA	Fishing	Developed	2002	Shandong provincial government	1
Qingdao Solid Waste Dumping Area	Shandong	Qingdao City	East of Xuejia island in Qingdao	120.32°	36.00°	700	Waste dumping	Developed	2009	Shandong provincial government	1
Shuipo River Estuary Tidal-Flat MA	Shandong	Qingdao City	Northwest of Beiwian of Mountain Lao	NA	NA	370	Mariculture	Developed:70ha pond for culture	2002	Shandong provincial government	1
Aotou Salt Pan	Shandong	Rizhao City	North of coastal Area of Taolu Town,Donggang District	NA	NA	265	Salt extraction	Developed:10000ha	2002	Shandong provincial government	1
Aye Mountain Resort	Shandong	Rizhao City	Located in Lanshantou, Fenshui Town	NA	NA	1500	Tour	Developing	2002	Shandong provincial government	1
Fenshui Tidal-Flat MA	Shandong	Rizhao City	Fenshui Town and south coastal Area of Lanshantou Street	NA	NA	650	Shellfish, laver culture	Developed	2002	Shandong provincial government	1

Haizhou Bay Fishing Area	Shandong	Rizhao City	Haizhou Bay	NA	NA	NA	Fishing	Developed	2002	Shandong provincial government	1
Jiacang Tidal-Flat MA	Shandong	Rizhao City	Jiacangkou, Kuishan Street,Donggang District	NA	NA	250	Shrimp,crab, Shellfish culture	Developed	2002	Shandong provincial government	1
Jiacangkou PPCA	Shandong	Rizhao City	Jiacangkou,Kuishan Street,Donggang District	NA	NA	300	Prevention and cure of pollution	No data	2002	Shandong provincial government	1
Lanshan Harbor Dredged Solid Waste Dumping Area	Shandong	Rizhao City	South of Lanshan harbor in Rizhao	119.40°	35.00°	314	Waste dumping	Developed:dredged solid waste 300000t/a	2011	Shandong provincial government	1
Lanshan PPCA	Shandong	Rizhao City	From Lanshan Harbor to Dishukou	NA	NA	300	Prevention and cure of pollution	No data	2002	Shandong provincial government	1
Lanshan Shallow Water MA	Shandong	Rizhao City	Coastal area of Lanshan village	NA	NA	800000	Shellfish,sea-cucumber culture	Developed	2002	Shandong provincial government	1
Liangcheng Tidal-Flat MA	Shandong	Rizhao City	Coastal area of Liangcheng Town,Donggang District	NA	NA	706	Shellfish culture	Developed:200ha for Shellfish culture	2002	Shandong provincial government	1
Liuji Bay Tidal-Flat MA	Shandong	Rizhao City	East coastal Area of Taoluo Town,Donggang District	NA	NA	800	Shellfish culture	Developed	2002	Shandong provincial government	1
Lunan Forest Park	Shandong	Rizhao City	Dashawa forestry centre,Donggang District	NA	NA	2000	Tour	Developed	2002	Shandong provincial government	1
North Donggang Shallow Water MA	Shandong	Rizhao City	The coastal Area from Liangcheng town to Shiju Street,Donggang District	NA	NA	300000	Shellfish,kelp,crab,fish culture	Developed	2002	Shandong provincial government	1
North Taoluo Tidal-Flat MA	Shandong	Rizhao City	From Jiacangkou to Xiaohaiou,Donggang District	NA	NA	250	Shrimp,crab, shellfish culture	Developed	2002	Shandong provincial government	1
Qiansando Shallow Water MA	Shandong	Rizhao City	Sea area of Qiansan island	NA	NA	13300	Shellfish culture	Developed	2002	Shandong provincial government	1
Qiansando Special Oceanic Protected Area	Shandong	Rizhao City	Qiansan Island, Qiansan village, Rizhao city	NA	NA	16000	Nature reserve and somewhat exploitation	Developed	2002	Shandong provincial government	1
Qinansan Island Seafood Enhancement Area	Shandong	Rizhao City	Qiansan Island, Qiansan village	NA	NA	3800	Shellfish,sea-cucumber enhancement	Developed	2002	Shandong provincial government	1
Qiniou Seafood Enhancement Area	Shandong	Rizhao City	The intertidal and subtidal zone from Zhangjiaotai to Renjiaotai,Donggang District	NA	NA	600	Shellfish,sea-cucumber enhancement	Developed	2002	Shandong provincial government	1
Rizhao Harbor Dredged Solid Waste Dumping Area	Shandong	Rizhao City	Shiju bay,Donggang District	NA	NA	300	Waste dumping	Developing	2002	Shandong provincial government	1
Rizhao Harbor Dredged Solid Waste Dumping Area	Shandong	Rizhao City	Southeast of Harbor of Rizhao	119.60°-119.62°	35.28°-35.30°	346	Waste dumping	Developed:dredged solid waste 500000t/a	2002	Shandong provincial government	1
Shanhaitian Resort	Shandong	Rizhao City	From the lighthouse of Donggang District to Xiaochen Village,Rizhao City	NA	NA	1500	Tour	Developed	2002	Shandong provincial government	1
Shiju Tidal-Flat MA	Shandong	Rizhao City	The southern coastal Area of Shiju Street,Donggang District	NA	NA	230	Shrimp,crab,fish culture	Developed	2002	Shandong provincial government	1
South Donggang Shallow Water MA	Shandong	Rizhao City	Coastal area from Kuishan Street to Taoluo Town	NA	NA	100000	Shellfish culture	Developed	2002	Shandong provincial government	1
Taoluo Hushan Tidal-Flat MA	Shandong	Rizhao City	South of Taoluo Town and the coastal Area of Hushan Village,Donggang District	NA	NA	378	Shrimp culture	Developed	2002	Shandong provincial government	1
Taoluo Shellfish Enhancement Area	Shandong	Rizhao City	Around Taoluo Town and inshore Area of Hushan village,Donggang District	NA	NA	5000	Shellfish enhancement	Developed	2002	Shandong provincial government	1
Tonghai Harbor Berth Reserve	Shandong	Rizhao City	East sea area of Tonghai Harbor, Rizhao city	NA	NA	650	For berth of ship	Undeveloped	2002	Shandong provincial government	1
Tonghai Harbor Sea-Route Reserve	Shandong	Rizhao City	East sea area of Tonghai Harbor, Rizhao city	NA	NA	500	Sea route	Undeveloped	2002	Shandong provincial government	1
Wanbao Tidal-Flat MA	Shandong	Rizhao City	Coastal Area of Liangcheng Town,Donggang District	NA	NA	528	Shrimp,shellfish,crab,sea-cucumber culture	Developed:391ha for shrimp culture	2002	Shandong provincial government	1
Wanpingkou PPCA	Shandong	Rizhao City	Wanpingkou,Donggang District	NA	NA	200	Prevention and cure of pollution	No data	2002	Shandong provincial government	1
Boyu MA	Shandong	Rongcheng City	Sea area from east of Niubizui to Maozicao estuary	NA	NA	1800	Sea-cucumber,,sea-hedgehog,culture	Developed	2002	Shandong provincial government	1
Boyu Shallow Water MA	Shandong	Rongcheng City	From Niubizui to Maozi River estuary	NA	NA	2690	Shellfish,kelp culture	Developed	2002	Shandong provincial government	1
Sanggou Bay Shallow Water MA	Shandong	Rongcheng City	Sanggou Bay except Harbor Area and tidal-flat Area	NA	NA	115000	Mariculture	Developed	2002	Shandong provincial government	1
Sanggou Bay Tidal-Flat MA	Shandong	Rongcheng City	Tidal-flat in Sanggou Bay(shallow water within 5m depth line)	NA	NA	NA	Shellfish culture	Developed	2002	Shandong provincial government	1
Shidao Fishing Area	Shandong	Rongcheng City	East and south inshore Area of Shidao	NA	NA	NA	Fishing	Developed	2002	Shandong provincial government	1
Rushan Bay Natural Shellfish Breeding MA	Shandong	Rushan City	subtidal zone of Rushan Bay	NA	NA	3263	Shellfish enhancement	Undeveloped	2002	Shandong provincial government	1
Rushan Bay Shallow Water MA	Shandong	Rushan City	Sea area of Xihuang Island, Zhu island and Yin beach in shallow area of Rushan bay	NA	NA	NA	Shellfish,sea-cucumber,sea-hedgehog,algae culture	Developed(partly)	2002	Shandong provincial government	1
Baishakou Bay Tidal-Flat MA	Shandong	Weihai City	In Baishakou Bay	121.63°-121.62°	36.80°-36.82°	466	Shellfish,shrimp culture	Developed	2002	Shandong provincial government	1
Beihai MA	Shandong	Weihai City	The boundary of Yantai and Weihai,east to northern part of Shuangdao Bay	NA	NA	333	Shellfish culture	Developed	2002	Shandong provincial government	1

Beihai Shallow Water MA	Shandong	Weihai City	From Shuangdao Bay to the boundary of Yantai City and Weihai City	NA	NA	200	Shellfish,kelp culture	Developed	2002	Shandong provincial government	1
Huancui District Coastal MA	Shandong	Weihai City	Sea area from Maojiaodong to Niubizui	NA	NA	2467	Sea-cucumber,shellfish,sea-hedgehog,culture	Developed	2002	Shandong provincial government	1
Huancui Resort	Shandong	Weihai City	North to the seashore,south to Shuangdaoxi Mountain,west border upon Shuangdao,east to Hi-tech Industrial development Zone	NA	NA	1880	Tour, downtown	Developed	2002	Shandong provincial government	1
Langnankou Bay Tidal-Flat MA	Shandong	Weihai City	In the Langnankou Bay	121.80°121.8 5°121.82°	36.87°36.92 °36.93°	532.8	Shrimp culture	Developed	2002	Shandong provincial government	1
Liugong Island Historical Relic Protected Area	Shandong	Weihai City	Liugong Island	NA	NA	315	War relic protection	Developed	2002	Shandong provincial government	1
Liugong Island MA	Shandong	Weihai City	Within 400m coastal Area around Liugong Island	NA	NA	667	Sea-cucumber,,sea-hedgehog,culture	Developed	2002	Shandong provincial government	1
Liugong Island Resort	Shandong	Weihai City	Weihai City	122.17°122.2 2°	37.48°37.52 °	37.48°37.53°	Tour,education	Developed	2002	Shandong provincial government	1
Rushan Bay Tidal-Flat MA 1	Shandong	Weihai City	In Rushan Bay	121.49°121.4 8°121.62°	36.80°36.78 °36.85°	2224	Pond culture	Developed	2002	Shandong provincial government	1
Rushan Bay Tidal-Flat MA 2	Shandong	Weihai City	In Rushan Bay	121.43°121.5 0°121.47°	36.85°36.84 °36.79°	1160	Tidal-flat culture	Developed	2002	Shandong provincial government	1
Shuangdao Bay MA	Shandong	Weihai City	Within Shuangdao bay	NA	NA	767	Shrimp culture	Developed	2002	Shandong provincial government	1
Tadao Bay Tidal-Flat MA	Shandong	Weihai City	On the tidal flat of Taodao bay	121.57°121.5 4°121.61°	36.78°36.74 °36.75°	733	Pond culture	Developed	2002	Shandong provincial government	1
Weihai City Waste Dumping Area	Shandong	Weihai City	Central position:37.73N,120.27E,Weihai city	120.27°	37.71°	225	Waste dumping Area	Developed	2002	Shandong provincial government	1
Weihai Shuangdao Shellfish Enhancement Area	Shandong	Weihai City	The tidal-flat of Shuangdao Bay	NA	NA	470	Shellfish enhancement	Undeveloped	2002	Shandong provincial government	1
Wulei Island Bay MA	Shandong	Weihai City	In Wuleidao Bay	NA	NA	4910	Benthic- and suspended-Marciculture	Developed	2002	Shandong provincial government	1
Wulei Island Bay Tidal-Flat MA	Shandong	Weihai City	Tidal-flat in the east,north and west part of Wuleidao Bay	NA	NA	6630	Pond culture	Developed	2002	Shandong provincial government	1
Xiaoshi Island Shallow Water MA	Shandong	Weihai City	From Maojiao to Yuanyaozui	NA	NA	2700	Shellfish,kelp culture	Developed	2002	Shandong provincial government	1
Yanwei Fishing Area	Shandong	Weihai City	North inshore area of Yantai and Weihai	NA	NA	NA	Fishing	Developed	2002	Shandong provincial government	1
Wendeng Gaodao Salt Pan	Shandong	Wendeng City	37°00'00"N,122°03'00"E,36°57'00"N,122°05'00"E	122.05°122.0 8	37.00°36.95	500	Salt extraction	Developed:50000t/a	2002	Shandong provincial government	1
Wendeng Huashan Salt Pan	Shandong	Wendeng City	37°00' 00" N,122°03' 00" E,37°00' 0 0" N,121°59' 20" E	122.05°121.9 8	37.00°37.00	343.4	Salt extraction	Developed:30000t/a	2002	Shandong provincial government	1
Wendeng Shallow Water MA	Shandong	Wendeng City	Central position:36°53'N to 122°03E	122.05°	36.88°	500	Marciculture	Developed	2002	Shandong provincial government	1
Wulaidaowan Estuary PPCA	Shandong	Wendeng City	From Muzhu River estuary to Chang River estuary	121.95°121.9 9°	37.02°37.02	500	Prevention and cure of pollution	No data	2002	Shandong provincial government	1
Wuleidao Bay Seafood Enhancement Area	Shandong	Wendeng City	Wuleidao Bay	NA	NA	5000	Shellfish,,shrimp,crab,fish enhancement	Undeveloped	2002	Shandong provincial government	1
Bajiaodong Island Park Reserve	Shandong	Yantai City	Dongdao peninsula in Fushan district, Yantai city	NA	NA	200	Park	Undeveloped	2002	Shandong provincial government	1
Bajiaodong Shallow Water MA	Shandong	Yantai City	Central and southern part of Taozi Bay	NA	NA	10200	Shellfish,kelp culture	Developed	2002	Shandong provincial government	1
East Kongtong Island MARiculture Reserve	Shandong	Yantai City	To the north of offing sea-route of Yanwei, east of sea-route of Yangma island, and west of 121.75E	NA	NA	5200	Marciculture	Fishing	2002	Shandong provincial government	1
East Taozi Bay PPCA	Shandong	Yantai City	Jia River estuary and its east	NA	NA	200	Prevention and cure of pollution	Developing	2002	Shandong provincial government	1
East Taozi Bay Shallow Water MA	Shandong	Yantai City	East of sea-route of Jia River estuary	NA	NA	2080	Shellfish,algae culture	Developed	2002	Shandong provincial government	1
East YangMA Island Shallow Water MA	Shandong	Yantai City	To the south of Yanwei coastal sea-route and east of sea-route of Yangma Island Harbor within 20m depth line.	NA	NA	19000	Shellfish,algae culture	Developed	2002	Shandong provincial government	1
Golden Beach Resort	Shandong	Yantai City	The coastal area of the northern part of Yantai economic and technological developing zone	NA	NA	1300	Tour	Developed	2002	Shandong provincial government	1
Jiadao Island Nature Reserve	Shandong	Yantai City	within 500m from Jia Island	NA	NA	500	Protection for shellfish	Developed	2002	Shandong provincial government	1
Jinshan Harbor MA	Shandong	Yantai City	around Jinshan Harbor in Muping District	NA	NA	233	Marciculture	Developed	2002	Shandong provincial government	1
Jucheng MA	Shandong	Yantai City	around Jucheng salt pan in Muping District	NA	NA	200	Marciculture	Developed	2002	Shandong provincial government	1
Jucheng Salt Pan	Shandong	Yantai City	Northwest of Jucheng,North of Muping	NA	NA	568.3	Salt extraction	Developed	2002	Shandong provincial government	1
Kongtong Island Resort Reserve	Shandong	Yantai City	Sea area of Kongtong island	NA	NA	840	Tour	Undeveloped	2002	Shandong provincial government	1

Kongtong Island Shallow Water MA	Shandong	Yantai City	Around Kongtong Island of Zhipu District	NA	NA	2230	Shellfish,algae culture	Developed	2002	Shandong provincial government	1
Sishili Bay Shallow Water MA	Shandong	Yantai City	To the south of Yanwei inshore sea-route and west of Yangma Island	NA	NA	4410	Shellfish,algae culture	Developed	2002	Shandong provincial government	1
South Taozi Bay MA	Shandong	Yantai City	Within 3m depth line, from huangzhuang,Fushan to liulin River estuary	NA	NA	315	Shellfish culture	Developed: (small scale)	2002	Shandong provincial government	1
Southwest Sishili Bay MA	Shandong	Yantai City	Sea area between Yantai University and the coastal area of Yuanhengyuan	NA	NA	450	Shellfish culture	Developed	2002	Shandong provincial government	1
Southwest Sishili Bay Shellfish Enhancement Area	Shandong	Yantai City	The inshore Area,begins in the north from Yantai University and ends at Yuanhengyuan in the south	NA	NA	450	Shellfish enhancement	Developed(small scale)	2002	Shandong provincial government	1
YangMA Island Benthic Culture Area	Shandong	Yantai City	The north and west coastal area, Muping district	NA	NA	220	Shell fish,sea-cucumber culture	Developed			1
YangMA Island Resort	Shandong	Yantai City	Yangma island,Muping District	NA	NA	760	Tour	Developed	2002	Shandong provincial government	1
YangMA Island Tidal-Flat MA	Shandong	Yantai City	Lies to the north of Muping District and to west of the east Dam in Yangma Island	NA	NA	589	Mariculture	Developed	2002	Shandong provincial government	1
YangMA Island Wind Energy Exploitation Reserve	Shandong	Yantai City	Yangma island in Muping	NA	NA	760	Wind energy exploitation	Undeveloped	2002	Shandong provincial government	1
Yantai Harbor New Waste Dumping Area	Shandong	Yantai City	Yantai island	NA	NA	640	Waste discharge Area	Undeveloped	2006	Shandong provincial government	1
Yantai Harbor Waste Dumping Area	Shandong	Yantai City	Around Kongtong island	NA	NA	439	Waste discharge Area	Developed	2005	Shandong provincial government	1
Zhipu Bay PPCA	Shandong	Yantai City	Located in the west and south area of Zhipu Bay	NA	NA	2500	Prevention and cure of pollution	Developing	2002	Shandong provincial government	1
Zhipu Island Benthic MA	Shandong	Yantai City	Rocky habitat, located in the east, north and west part of Zhipu island	NA	NA	150	Shell fish,sea-cucumber culture	Developed	2002	Shandong provincial government	1
Zhipu Island Resort	Shandong	Yantai City	From Zhipu Island to Sanliqiao River	NA	NA	750	Tour	Developing	2002	Shandong provincial government	1
Yellow Sea No-Fishing Area	Shandong		Yellow Sea	121.00°123.0° 5°122.72°120° .63°123.38°	38.00°37.33° °36.80°35.1° 8°30.73°	NA	No trawling	Developed	1995	Central People's Government	1
Yellow Sea Summer No Fishing Area	Shandong		The entire Yellow Sea	NA	NA	The entire Yellow Sea	Prohibit fishing from July 1 to September 15	Developed	1998	Ministry of Agriculture	1
Jiangsu											
Binhai Shallow Water MA 1	Jiangsu	Binhai County	From Zhongshan River estuary to Biandan River estuary	120.28°	34.20°	17732.2	Shellfish,laver culture	Developing	2002	Jiangsu provincial government	2
Binhai Tidal-Flat MA 1	Jiangsu	Binhai County	From Nanba floodgate to Haikou floodgate	120.26°	34.19°	701.1	Fish,shrimp,crab, shellfish culture,Tour	Developed	2002	Jiangsu provincial government	2
Binhai Tidal-Flat MA 2	Jiangsu	Binhai County	From Zhendong floodgate to Erzeng floodgate	120.26°	34.18°	741.7	Fish,shrimp,crab, shellfish culture,Tour	Developed	2002	Jiangsu provincial government	2
Binhai Waste Discharge Area 1	Jiangsu	Binhai County	Biandan port	120.28°	34.19°	127.9	Waste discharge	Developed(flood routeway, seawage discharge from Dongkan, etc)	2002	Jiangsu provincial government	2
Changshu Waste Discharge Area 1	Jiangsu	Changshu City	Outside the river levee of Fenouhuiuchuan company	NA	NA	NA	Waste discharge	Developed (sewage discharge area)	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 1	Jiangsu	Dafeng City	North of the Salt pan,south to Shugang Road,north to Haifengfu River	NA	NA	105531	Shrimp,shellfish,crab culture	Developed	2002	Jiangsu provincial government	2
75	Jiangsu	Dafeng City	The outside tidal-flat between Simao you floodgate and Doulonggang floodgate	NA	NA	7859.8	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 11	Jiangsu	Dafeng City	The outside tidal-flat between Doulonggang floodgate and Xingken floodgate	NA	NA	1798.7	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 12	Jiangsu	Dafeng City	The outside tidal-flat between the leading dam of Wang Harbor and Dafeng Harbor	NA	NA	4482.4	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 2	Jiangsu	Dafeng City	South of Dafeng Harbor,west to the new seawall	NA	NA	1142.7	Shrimp, shellfish culture	Developed	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 3	Jiangsu	Dafeng City	North to Ermaoyou River,west to No.5 forest,south of the Salt pan	NA	NA	1208.4	Shrimp, shellfish culture	Developed	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 4	Jiangsu	Dafeng City	South of Shugang Road,north of Ermaoyou River,east of No.5 forest,west of Haidifu River	NA	NA	357.3	Shrimp,shellfish,crab culture	Developed	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 5	Jiangsu	Dafeng City	North of Chuandong Harbor,south of Zhugang floodgate,west to ranch central Road	NA	NA	1688.5	Shrimp, shellfish culture	Developed	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 6	Jiangsu	Dafeng City	The tidal-flat outside the south area of Chuandong Harbor	NA	NA	637.3	Shellfish culture	Developed	2002	Jiangsu provincial government	2

Dafeng Tidal-Flat MA 7	Jiangsu	Dafeng City	The outside tidal-flat between Chuandong Harbor and Zhu Harbor	NA	NA	9689.3	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 8	Jiangsu	Dafeng City	The outside tidal-flat between Zhu Harbor and Wang Harbor	NA	NA	4145.4	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Dafeng Tidal-Flat MA 9	Jiangsu	Dafeng City	The outside tidal-flat between the leading dam and Simaoou floodgate, Dafeng Harbor	NA	NA	4490.5	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Dafeng Waste Discharge Area 1	Jiangsu	Dafeng City	Doulong port	NA	NA	NA	Waste discharge	Developed(sewage discharge area,flood routeway, estuarial mariculture)	2002	Jiangsu provincial government	2
Dafeng Waste Discharge Area 2	Jiangsu	Dafeng City	Ermaoyou estuary	NA	NA	NA	Waste discharge	Develop(sewage discharge area)	2002	Jiangsu provincial government	2
Dafeng Waste Discharge Area 3	Jiangsu	Dafeng City	Wanggang estuary	NA	NA	NA	Waste discharge	Developed(sewage discharge from the southern part of Dafeng city)	2002	Jiangsu provincial government	2
Dafeng Waste Discharge Area 4	Jiangsu	Dafeng City	Chuandong port	NA	NA	NA	Waste discharge	Developed(sewage discharge,mariculture and reclamation)	2002	Jiangsu provincial government	2
No Fishing Area 5	Jiangsu	Dafeng City	South to Qionggang	NA	NA	2246518	No-fishing season from July 10-August 31	Developed	2002	Jiangsu provincial government	2
PPCA15	Jiangsu	Dafeng City	In Dafeng and Dongtai Mariculture Area	NA	NA	3652.9	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
PPCA26	Jiangsu	Dafeng City	Dafeng Harbor	NA	NA	252.1	Prevention and cure of pollution	Harbor activities	2002	Jiangsu provincial government	2
Dongtai Tidal-Flat MA 1	Jiangsu	Dongtai City		120.94°-121.00°	32.72°-32.78°	59098.6	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Dongtai Tidal-Flat MA 3	Jiangsu	Dongtai City	1km distance to the east of Gang Town	NA	NA	114.6	Fish,shrimp,crab,shellfish mixed culture	Developed	2002	Jiangsu provincial government	2
Dongtai Waste Discharge Area 1	Jiangsu	Dongtai City	Sancang estuary	NA	NA	NA	Waste discharge	Developed(sewage discharge from the southern part of Dongtai city)	2002	Jiangsu provincial government	2
Dongtai Waste Discharge Area 2	Jiangsu	Dongtai City	Dongtai estuary	NA	NA	NA	Waste discharge	Developed(sewage discharge,mariculture and reclamation)	2002	Jiangsu provincial government	2
PPCA27	Jiangsu	Dongtai City	Fishing Harbor in Qiong Harbor	NA	NA	529	Prevention and cure of pollution	Harbor activities	2002	Jiangsu provincial government	2
Huaian Tidal-Flat MA 1	Jiangsu	Haian County	Northeast of Beiling new floodgate	NA	NA	849	Shellfish,alage culture	Developed	2002	Jiangsu provincial government	2
Huaian Tidal-Flat MA 2	Jiangsu	Haian County	The outside of Beiling new floodgate,the southern side of the border of 3+873, Dongtai City	NA	NA	1800.3	Shellfish,alage culture,fishing	Developed	2002	Jiangsu provincial government	2
Huaian Tidal-Flat MA 3	Jiangsu	Haian County	East by north of Beiling new floodgate	NA	NA	2452.4	Shellfish,alage culture	Developed	2002	Jiangsu provincial government	2
Haian Shallow Water MA 1	Jiangsu	Haimen City	Area of Jiangjiasha and part of Dongsha	NA	NA	NA	Laver, shellfish culture	Developed	2002	Jiangsu provincial government	2
Haimen Tidal-Flat MA 1	Jiangsu	Haimen City	East to the border of Qidong,west to the border of Tongzhou ,south to Toudao seawall,north to the border of the county	NA	NA	484.7	Shellfish,laver culture	Developed	2002	Jiangsu provincial government	2
Haimen Tidal-Flat Shellfish Enhancement Area 10	Jiangsu	Haimen City	East to Shangshuishao,west to Dadongshao,south to 32.12°N,north to Nanhong	NA	NA	2966.5	Shellfish enhancement	Developed	2002	Jiangsu provincial government	2
Haimen Tidal-Flat Shellfish Enhancement Area 9	Jiangsu	Haimen City	East to Luoshi Harbor,west to Xianwei Harbor,south to 32.13°N,north to the county border	NA	NA	227.8	Shellfish enhancement	Developed	2002	Jiangsu provincial government	2
Haimen Waste Discharge Area 1	Jiangsu	Haimen City		121.27°	31.88°	NA	Waste discharge	Developed(one culvert built in 1987)	2002	Jiangsu provincial government	2
Haimen Waste Discharge Area 2	Jiangsu	Haimen City	The crossing Area between Rixin river and Toudao river levee	NA	NA	NA	Waste discharge	Developed(one culvert built in 1999)	2002	Jiangsu provincial government	2
Fishing Area 1	Jiangsu	Lianyungang City	Haizhouwan Fishing Area,Lianqingshi Fishing Area,north of 34°N	NA	NA	286063	Fishing	Developed	2002	Jiangsu provincial government	2
Ganyu Flood Discharge Area 1	Jiangsu	Lianyungang City	Xiuzhen estuary	NA	NA	353.3	Waste discharge	Developed(flood discharge)	2002	Jiangsu provincial government	2
Ganyu Flood Discharge Area 2	Jiangsu	Lianyungang City	Tuowang estuary	NA	NA	104.3	Waste discharge	Developed(flood discharge)	2002	Jiangsu provincial government	2
Ganyu Flood Discharge Area 3	Jiangsu	Lianyungang City	Hankou estuary	NA	NA	NA	Waste discharge	Developed(flood discharge)	2002	Jiangsu provincial government	2
Ganyu Flood Discharge Area 4	Jiangsu	Lianyungang City	Longhe estuary	NA	NA	287.1	Waste discharge	Developed(flood discharge)	2002	Jiangsu provincial government	2

Ganyu Tidal-Flat MA 1	Jiangsu	Lianyungang City	Between the lowest tidal line and seawall,Jiuli Town,from Zhewang to Haitou Town	NA	NA	901.6	Shellfish culture	Developing	2002	Jiangsu provincial government	2
Ganyu Tidal-Flat MA 2	Jiangsu	Lianyungang City	To the west of Qingkou Salt Pan, north of 1311-4, south of Linhongkou, east of the lowest tidal line	NA	NA	1007.1	Shellfish culture	Developing	2002	Jiangsu provincial government	2
Ganyu Tidal-Flat MA 3	Jiangsu	Lianyungang City	Between the lowest tidal line and seawall,Zhewang Town,north to Xiuzhen River estuary,south to Jiuli Village	NA	NA	1197.5	Shellfish culture	Developing	2002	Jiangsu provincial government	2
Ganyu Tidal-Flat MA 4	Jiangsu	Lianyungang City	To the East of seawall,north of Qingkou River estuary,Qingkou Town	NA	NA	946	Shellfish,shrimp,laver culture	Developing	2002	Jiangsu provincial government	2
Ganyu Tidal-Flat MA 5	Jiangsu	Lianyungang City	From the east of seawall to the lowest tidal line,north to Jiuli Town,south to Xingzhuang River estuary	NA	NA	572.4	Shellfish,shrimp,laver culture	Developing	2002	Jiangsu provincial government	2
Ganyu Waste Discharge Area 1	Jiangsu	Lianyungang City	Shawang estuary	NA	NA	34.2	Waste discharge	Developed(sewage discharge area)	2002	Jiangsu provincial government	2
Guanyun Tidal-Flat MA 1	Jiangsu	Lianyungang City	To the northwest of Tuxi floodgate,1km to Tuxi floodgate	NA	NA	570.1	Fish,shrimp,crab, shellfish culture	Developing	2002	Jiangsu provincial government	2
Guanyun Tidal-Flat MA 2	Jiangsu	Lianyungang City	Tuangang Village,Yanweigang Town	NA	NA	207	Shrimp, shellfish culture	Developing	2002	Jiangsu provincial government	2
Guanyun Tidal-Flat MA 3	Jiangsu	Lianyungang City	The intertidal Area outside the Area from Liezi River estuary to Guan River estuary	NA	NA	993.5	Shellfish, shrimp and alage culture	Developing	2002	Jiangsu provincial government	2
Guanyun Tidal-Flat MA 5	Jiangsu	Lianyungang City	East of Wutu floodgate	NA	NA	1557.4	Mariculture	Undeveloped	2002	Jiangsu provincial government	2
Guanyun Tidal-Flat MA 6	Jiangsu	Lianyungang City	Area between Erwan floodgate to Donglong Floodgate	NA	NA	465	Mariculture	Undeveloped	2002	Jiangsu provincial government	2
Guanyun Tidal-Flat MA 7	Jiangsu	Lianyungang City	West of Erwan floodgate	NA	NA	185.9	Mariculture	Undeveloped	2002	Jiangsu provincial government	2
Guanyun Tidal-Flat MA 8	Jiangsu	Lianyungang City	Area of Donglong floodgate to Liuwei floodgate	NA	NA	326.2	Mariculture	Developing	2002	Jiangsu provincial government	2
Guanyun Tidal-Flat MA 9	Jiangsu	Lianyungang City	West of Yanweigang Town	NA	NA	143.6	Industrial mariculture	Developing(12000m2)	2002	Jiangsu provincial government	2
Guanyun Waste Discharge Area 1	Jiangsu	Lianyungang City	Area where water from Xinyi river enters Guan river	NA	NA	67.2	Waste discharge	Developed(sewage discharge area)	2002	Jiangsu provincial government	2
Guanyun Waste Discharge Area 2	Jiangsu	Lianyungang City	Leizi estuary	NA	NA	65.1	Waste discharge	Developed(salt field and tidal-flat culture)	2002	Jiangsu provincial government	2
Guanyun Waste Discharge Area 3	Jiangsu	Lianyungang City	Guanhe estuary	NA	NA	NA	Waste discharge	Developed(fishing, port, fishing and breeding, sewage discharge from Xinyi river and Xiang water etc.)	2002	Jiangsu provincial government	2
Lianyun Waste Discharge Area 1	Jiangsu	Lianyungang City	Paidan estuary(Datiaoban)	NA	NA	NA	Waste discharge	Developed(sewage discharge area)	2002	Jiangsu provincial government	2
Lianyun Waste Dumping Area 1	Jiangsu	Lianyungang City	Near waste treatment field of Lianyungang city	NA	NA	NA	Solid waste dumping	Developed	2002	Jiangsu provincial government	2
Lianyungang Shallow Water MA 1	Jiangsu	Lianyungang City	North to Xiuzhen River estuary,east to 10m depth line and benthic pipe line Area,south to the Tour,west to the lowest tidal line	NA	NA	92324.2	Shellfish,fish,lavor culture	Developed	2002	Jiangsu provincial government	2
Lianyungang Shallow Water MA 3	Jiangsu	Lianyungang City	From -10 depth line of the east side of Gaogong Island to Guan River estuary and Kaishan Island	NA	NA	172240	Laver culture	Developed	2002	Jiangsu provincial government	2
Lianyungang Shallow Water MA 4	Jiangsu	Lianyungang City	The sea area around Dashan Island and Cheniushan Island	NA	NA	2215.9	Artificial reef for fishing	Developed	2002	Jiangsu provincial government	2
Lianyungang Shallow Water MA 5	Jiangsu	Lianyungang City	The sea area of the south part of Pingshan Island	NA	NA	4863	Mariculture	Developed	2002	Jiangsu provincial government	2
Lianyungang Solid Waste Dumping Area 1	Jiangsu	Lianyungang City	Northern dumping Area lies to the north of Yangwotoujiajiao in Donglian Island	119.53°119.5°	34.77°34.76°	139.4	Solid waste dumping	Developed(mainly waste dumping from Lianyungang port)	2002	SOA	2
Lianyungang Waste Discharge Area 1	Jiangsu	Lianyungang City	Outside of the draining mouth of Tianwan Nuclear Power Station, 1.88km to the shore, along the shore extending 1.56km to the left and 2.62km to the right	NA	NA	466.9	Waste discharge	Developed (mariculture)	2002	Jiangsu provincial government	2
Lianyungang Waste Dumping Area 2	Jiangsu	Lianyungang City	Southern dumping Area lies to the east of Gaogong Island and in the south of Out sea-route	119.53°119.5° 8°119.54°119° .58°	34.72°34.73° 34.71°34.7° 2°	409.5	Solid waste dumping	Developed(mainly waste dumping from Lianyungang port)	2002	SOA	2

No Fishing Area 1	Jiangsu	Lianyungang City	Haizhouwan Fishing Area	NA	NA	477224	No-fishing season from May 10-August 31 for Chinese shrimp,July 1-August 31, November 1-March 31 for Setipima Taty	Developed	2002	Jiangsu provincial government	2
No Fishing Area 2	Jiangsu	Lianyungang City	The 4n mile Area around Ping Island, Danian Hill and Cheniu Hill	NA	NA	37916.1	Prohibit fishing whole year	Developed	2002	Jiangsu provincial government	2
No Fishing Area 3	Jiangsu	Lianyungang City	North of 34°N	NA	NA	1045409	Prohibit shellfish fishing(April 1-September 30)	Developed	2002	Jiangsu provincial government	2
Pollution Prevention And Cure Area 1(PPCA)	Jiangsu	Lianyungang City	From Qingkou River estuary to Xishu	NA	NA	1526.3	Prevention and cure of pollution	Salt Extraction	2002	Jiangsu provincial government	2
PPCA10	Jiangsu	Lianyungang City	From Jiangjiazui to Laozhangtou,Xiliandao	NA	NA	188.4	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
PPCA11	Jiangsu	Lianyungang City	From Shaoxiang River estuary to Guan River estuary	NA	NA	403.8	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
PPCA12	Jiangsu	Lianyungang City	From Guan River to Zhongshan River estuary	NA	NA	1286.4	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
PPCA17	Jiangsu	Lianyungang City	Haizhou Bay	NA	NA	1155.7	Prevention and cure of pollution	Tour	2002	Jiangsu provincial government	2
PPCA18	Jiangsu	Lianyungang City	Lian Island	NA	NA	270.1	Prevention and cure of pollution	Tour	2002	Jiangsu provincial government	2
PPCA2	Jiangsu	Lianyungang City	From Shaoxiang River estuary to Guan River estuary	NA	NA	2658.1	Prevention and cure of pollution	Fishing Area	2002	Jiangsu provincial government	2
PPCA20	Jiangsu	Lianyungang City	Lianyungang Harbor	NA	NA	994.3	Prevention and cure of pollution	Harbor activities	2002	Jiangsu provincial government	2
PPCA21	Jiangsu	Lianyungang City	Chenjia Harbor	NA	NA	234.7	Prevention and cure of pollution	Harbor activities	2002	Jiangsu provincial government	2
PPCA3	Jiangsu	Lianyungang City	From Guan River estuary to Biandan River estuary	NA	NA	4093.5	Prevention and cure of pollution	Salt Extraction	2002	Jiangsu provincial government	2
PPCA9	Jiangsu	Lianyungang City	From Xuizhen River estuary to Linhong River estuary	NA	NA	2135.3	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
Shallow Water Fish Enhancement Area 1	Jiangsu	Lianyungang City	Guan River estuary	NA	NA	637.8	Fishing	Undeveloped	2002	Jiangsu provincial government	2
Shallow Water Seafood Enhancement Area 2	Jiangsu	Lianyungang City	Within 4n mile around Qiansandao,Lianyungang City	NA	NA	33173.7	Shellfish,sea-cucumber enhancement	Developed	2002	Jiangsu provincial government	2
Yuntai Tidal-Flat MA 1	Jiangsu	Lianyungang City	East from the border of Lianyun District,to the east of Linhong River estuary,north to Wuqi salt pan,upper the lowest tidal line	NA	NA	2097.1	Shrimp,shellfish culture	Developing(366.7ha pond for shrimp culture,666.7ha pond for Shellfish culture)	1989	Jiangsu provincial government	2
Yuntai Tidal-Flat MA 2	Jiangsu	Lianyungang City	From Dabanciqiao floodgate to the west of Zhanggangqiao floodgate,from seawall to the lowest tidal line	NA	NA	2711.6	Shrimp,laver culture	Developing(566.7ha pond for shrimp culture,266.7ha pond for Shellfish culture)	2002	Jiangsu provincial government	2
Yuntai Waste Discharge Area 1	Jiangsu	Lianyungang City	Linhong river outside Dapu floodgate	NA	NA	510.4	Waste discharge	Developed(sewage discharge area)	2002	Jiangsu provincial government	2
Yuntai Waste Dumping Area 1	Jiangsu	Lianyungang City	Lies to the east of Linhong river seawall,to the north of 310 national highway, to the south of Dapu floodgate	NA	NA	NA	Solid waste dumping	Developed(dust piling area of Xinhai power station)	2002	Jiangsu provincial government	2
Yuntai Waste Dumping Area 2	Jiangsu	Lianyungang City	East of No.2 Shrimp Pond, within 2450m distance to the east seawall of Oakougang floodgate	NA	NA	372.8	Solid waste dumping	Developed(Draining residue from alkali factory)	2002	Jiangsu provincial government	2
Nantong Shallow Water MA 1	Jiangsu	Nantong City		121.58°	32.83°	38010.7	Deep water sea route	Undeveloped	2002	Jiangsu provincial government	2
Nantong Shallow Water MA 2	Jiangsu	Nantong City	From Yuan Tou Jiao,Qidong, to Laoba Harbor,Haian	NA	NA	1102.73	No data	Undeveloped	2002	Jiangsu provincial government	2
Tidal-Flat Shellfish Enhancement Area 7	Jiangsu	Nantong City	Outside of Sanjiasha,outside of Nantong Salt Pan	NA	NA	383	Shellfish enhancement	Developed	2002	Jiangsu provincial government	2
Fishing Area 2	Jiangsu	Qidong City	Dasha Fishing Area	NA	32°--34°	1214531	Fishing	Developed	2002	Jiangsu provincial government	2
Fishing Area 3	Jiangsu	Qidong City	Changjiang River estuary	NA	NA	34387.7	Fishing	Developed	2002	Jiangsu provincial government	2
Huijuli Nature Reserve 1	Jiangsu	Qidong City	North branch of Changjiang River	NA	NA	1076.27	Nature reserve	Undeveloped	2002	Jiangsu provincial government	2
Huijuli Nature Reserve 2	Jiangsu	Qidong City	Sea area around Tiaozini,Jiangjiasha,Zhugensha and southern part of Dongsha, in the middle part of Jiangsu sea area,	NA	NA	945912	Nature reserve	Undeveloped	2002	Jiangsu provincial government	2
No Fishing Area 8	Jiangsu	Qidong City	Changjiang River estuary	NA	NA	12583.5	No fishing young eel during whole year, no fishing young crab from May 1-December 9	Developed	2002	Jiangsu provincial government	2

Other Nature Reserve 3	Jiangsu	Qidong City	From Xinglongsha to Guyuansha,north branch ofChangjiang River estuary	NA	NA	11038.4	Nature reserve	Undeveloped	2002	Jiangsu provincial government	2
Qidong Fishing Area 1	Jiangsu	Qidong City	Lies in Changjiangkou Fishing Area, north to 32°N	NA	NA	699172	Fishing	Developed	2002	Jiangsu provincial government	2
Qidong Tidal-Flat MA 1	Jiangsu	Qidong City	West to Dayang Harbor,east to the mid-high tidal zone of Maojia Harbor	NA	NA	3275.4	Shellfish,laver culture	Developed	2002	Jiangsu provincial government	2
Qidong Tidal-Flat MA 2	Jiangsu	Qidong City	The mid-high tidal-flat between Haozhi Harbor and Tanglu Harbor	NA	NA	4055.4	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Qidong Tidal-Flat MA 3	Jiangsu	Qidong City	Donghuangguasha	NA	NA	1132	Shellfish culture(Meretrix meretrix)	Developed	2002	Jiangsu provincial government	2
Qidong Tidal-Flat MA 4	Jiangsu	Qidong City	Guyuansha, 13Km to the southeast of Yuantuojiao	NA	NA	4053.7	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Qidong Tidal-Flat MA 5	Jiangsu	Qidong City	The tidal-flat between Xieying Harbor and Yuantuojiao,west to seawall,east to the lowe tidal line	NA	NA	5613.1	Shrimp,crab,shellfish,,fish culture	Developed	2002	Jiangsu provincial government	2
Qidong Tidal-Flat MA 6	Jiangsu	Qidong City	From the No.1.2 work Area of Qidong Salt pan to the east of Xiexin Harbor, extending to the lowest tidal line	NA	NA	1434	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Qidong Tidal-Flat MA 7	Jiangsu	Qidong City	From the south side of Tanglu Harbor to the south part of Qidong Salt pan	NA	NA	903.7	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Qidong Tidal-Flat MA 8	Jiangsu	Qidong City	The mid-high tidal-flat of Maojia Harbor to Yuanjiaozao Village	NA	NA	1336.1	Laver culture	Developed	2002	Jiangsu provincial government	2
Qidong Waste Discharge Area 1	Jiangsu	Qidong City	Outside the floodgate of Dayang port	NA	NA	NA	Waste discharge	Developed(discharge area of sewage)	2002	Jiangsu provincial government	2
Shallow Water Fish Enhancement Area 3	Jiangsu	Qidong City	Changjiang River estuary	NA	NA	11646.2	No data	Undeveloped	2002	Jiangsu provincial government	2
Tidal-Flat Shellfish Enhancement Area 13	Jiangsu	Qidong City	The tidal-flat in the low tidal zone, from the sea-route of Dayang Harbor,Qidong to Yangjiazao Village	NA	NA	1882.4	Shellfish enhancement	Undeveloped	2002	Jiangsu provincial government	2
Tidal-Flat Shellfish Enhancement Area 14	Jiangsu	Qidong City	The east side tidal-flat from the sea route of Tanglu Harbor to NO.1.2 work Area of Qidong Salt pan	NA	NA	973	Shellfish enhancement	Undeveloped	2002	Jiangsu provincial government	2
Tidal-Flat Shellfish Enhancement Area 15	Jiangsu	Qidong City	The tidal-flat in the low tidal zone from the sea-route of Haozhi Harbor to the sea-route of Tanglu Harbor	NA	NA	1700.7	Shellfish enhancement	Developed	2002	Jiangsu provincial government	2
Wetland And Swamp Nature Reserve 2	Jiangsu	Qidong City	South coastal area of Qidong City along Changjiang River	NA	NA	18766.3	Nature reserve	Developed	2002	Jiangsu provincial government	2
PPCA19	Jiangsu	Rudong County	Changsha	NA	NA	239.2	Prevention and cure of pollution	Tour	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 1	Jiangsu	Rudong County	In east part of Lingyang ranch	NA	NA	177.3	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 10	Jiangsu	Rudong County	outside of Liubo beach	NA	NA	18364	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 11	Jiangsu	Rudong County	The outside of Benbei ranch beach	NA	NA	3065	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 12	Jiangsu	Rudong County	The new ranch of Rudong slatern	NA	NA	1311.1	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 13	Jiangsu	Rudong County	The eastern part of Rudong slatern	NA	NA	157.8	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 14	Jiangsu	Rudong County	The southeast part of Dongling ranch, shrimp field in Lishu county	NA	NA	544.1	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 2	Jiangsu	Rudong County	In east part of Lingyang ranch	NA	NA	108.5	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 4	Jiangsu	Rudong County	The lower toes of Xiaoyang River,the west side of leading river	NA	NA	1312.4	Wilderness	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 5	Jiangsu	Rudong County	The lower toes of Xiaoyang River,to the east side of leading river	NA	NA	823.8	Wilderness	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 6	Jiangsu	Rudong County	outside of Juedong beach	NA	NA	13274.4	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 7	Jiangsu	Rudong County	outside of Dongling beach	NA	NA	18974.7	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 8	Jiangsu	Rudong County	outside of the northeast corner of Changsha beach	NA	NA	8332.8	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Tidal-Flat MA 9	Jiangsu	Rudong County	outside of Changsha beach	NA	NA	4090	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Rudong Waste Discharge Area 1	Jiangsu	Rudong County	Outside the floodgate of Xinbeiling	NA	NA	NA	Waste discharge	Developed(sewage discharge area of Haian county)	2002	Jiangsu provincial government	2
Rudong Waste Discharge Area 2	Jiangsu	Rudong County	Outside the floodgate of Xiaoyangkou	NA	NA	NA	Waste discharge	Developed(sewage discharge area of Haian county etc.)	2002	Jiangsu provincial government	2

Rudong Waste Discharge Area 3	Jiangsu	Rudong County	Outside the floodgate of Dongan	NA	NA	NA	Waste discharge	Developed(discharge area of sewage from the southern part of Rudong county)	2002	Jiangsu provincial government	2
PPCA14	Jiangsu	Sheyang County	From Biandan Harbor to Sheyang River estuary	NA	NA	7088.2	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
PPCA22	Jiangsu	Sheyang County	Sheyang Harbor	NA	NA	419.9	Prevention and cure of pollution	Harbor activities	2002	Jiangsu provincial government	2
PPCA4	Jiangsu	Sheyang County	From Sheyang River estuary to Xinyang Harbor	NA	NA	3721.9	Prevention and cure of pollution	Salt Extraction	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 1	Jiangsu	Sheyang County	West to the new seawall,north to Agricultural stockbreeding Co.,east to the high tide line,south to Sheyang River estuary	NA	NA	920.6	Shellfish culture	Devleped	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 10	Jiangsu	Sheyang County	North to Hatao River,west to the old seawall,south to the shooting ranger,east to the wilderness	NA	NA	1339.5	Freshwater culture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 11	Jiangsu	Sheyang County	South to the Salt pan reservoir,north to the Salt pan seawall,west to the old seawall,east to the Salt pan seawall	NA	NA	229.6	Mariculture,reservoir	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 12	Jiangsu	Sheyang County	North to Yunliang River,west to Zhongkuang River,south to the power plant Road,east to the new seawall	NA	NA	3033.2	Freshwater culture,mariculture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 14	Jiangsu	Sheyang County	North to the Shuangyang River estuary,south to Sheyang River estuary,within alluvion	NA	NA	637.3	Laver culture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 15	Jiangsu	Sheyang County	South to reed base of the Reed Company ,east to Gaotu MA,west to the Salt pan seawall,north to waste discharge Area	NA	NA	1618.9	Freshwater culture,mariculture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 17	Jiangsu	Sheyang County	South to the Salt pan seawall,east to the Salt pan seawall,west to the Salt pan draining channel,north to the Salt pan crystal Area	NA	NA	285.2	Shrimp, shellfish culture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 2	Jiangsu	Sheyang County	West to new seawall,north to Bazhang River estuary, east to the lowest tidal line, and south to Sheyang River estuary	NA	NA	2719.3	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 3	Jiangsu	Sheyang County	West to new seawall,north to Bazhang River estuary, east to the lowest tidal line, and south to Sheyang River estuary	NA	NA	2449.2	Shellfish,alage culture	Undeveloped	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 4	Jiangsu	Sheyang County	South to Xinyang River estuary,west to Reed company small seawall,east to the Yellow Sea,north to the pipes of waste discharge Area	NA	NA	5122.4	Shellfish,alage culture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 5	Jiangsu	Sheyang County	South to Wangheting,north to Xinyang River,west to the former seawall,east to the protected Area	NA	NA	284.4		Undeveloped	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 6	Jiangsu	Sheyang County	North of Yunliang River estuary	NA	NA	107.2	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 7	Jiangsu	Sheyang County	North to the shooting range,west to the old seawall,south to the old seawall,east to Xin seawall	NA	NA	3062.5	Freshwater culture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 8	Jiangsu	Sheyang County	North to the Reed Company,west to the new seawall,south to wilderness,east to the intertidal zone	NA	NA	2037.1	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Sheyang Tidal-Flat MA 9	Jiangsu	Sheyang County	North to Subei irrigation main channel,west to Liudu Mariculture plant,south to Hatao River,east to the Yellow Sea	NA	NA	360.6	Shellfish culture	Developed	2002	Jiangsu provincial government	2
Sheyang Waste Discharge Area 1	Jiangsu	Sheyang County	Sheyang estuary	NA	NA	223	Waste discharge	Developed: sewage discharge area, mariculture,reeds plantation	2002	Jiangsu provincial government	2
Sheyang Waste Discharge Area 2	Jiangsu	Sheyang County	South to culture field of Soil Administration, east to Gaotu culture field, west to reed plantation area, north to Sheyang river	NA	NA	1508.5	Waste discharge	Developed: (now reeds plantation)	2002	Jiangsu provincial government	2
Sheyang Waste Discharge Area 3	Jiangsu	Sheyang County	South and north to Gaotu mariculture field,west to sewage discharge area	NA	NA	110	Waste discharge	Developed	2002	Jiangsu provincial government	2

Sheyang Waste Discharge Area 4	Jiangsu	Sheyang County	Xinyang port	NA	NA	NA	Waste discharge	Developed(salt field and tidal-flat culture, protected area,sewage discharge area, flood routeway)	2002	Jiangsu provincial government	2			
Sheyang Waste Dumping Area 1	Jiangsu	Sheyang County	In the Area of "1312"	NA	NA		Solid waste dumping	Developed (coal powder warehouse)	2002	Jiangsu provincial government	2			
Subei Irrigating Channel Waste Discharge Area 1	Jiangsu	Sheyang County	Biandan port	NA	NA	175.8	Waste discharge	Developed: flood routeway, sewage discharge area	2002	Jiangsu provincial government	2			
Wetland And Swamp Nature Reserve 1	Jiangsu	Sheyang County	From Laoba Harbor to Dongtai River, Sheyang River to the border of Sheyang and Dafeng	NA	NA	53690.7	Nature reserve	Developed	2002	Jiangsu provincial government	2			
No Fishing Area 6	Jiangsu	Tongzhou City	North to Qionggang	NA	NA	355179	No fishing:July 10-August 32	Developed	2002	Jiangsu provincial government	2			
No Fishing Area 7	Jiangsu	Tongzhou City	Lysi Fishing Area	NA	NA	886256	Mariculture,fishing, no-fishing from July 10 to August 31	Developed	2002	Jiangsu provincial government	2			
Shallow Water Fish Enhancement Area 4	Jiangsu	Tongzhou City	along river downstream near estuary,Tongzhou	NA	NA	1487.8	For sea route and harbor, no fishing	Developed	2002	Jiangsu provincial government	2			
Tidal-Flat Shellfish Enhancement Area 12	Jiangsu	Tongzhou City	East to 121.58°E,west to 121.53°E,south to 32.14°N,north to 32.16°E	NA	NA	434.3	Shellfish enhancement	Developed	2002	Jiangsu provincial government	2			
Tidal-Flat Shellfish Enhancement Area 4	Jiangsu	Tongzhou City	Mantousha,Tongzhou	NA	NA	449.6	Shellfish enhancement	Developed	2002	Jiangsu provincial government	2			
Tidal-Flat Shellfish Enhancement Area 5	Jiangsu	Tongzhou City	Tidal-flat in the south of Yaosha	NA	NA	1637.7	Shellfish enhancement	Developed	2002	Jiangsu provincial government	2			
Tidal-Flat Shellfish Enhancement Area 8	Jiangsu	Tongzhou City	Langshao	NA	NA	177.2	Shellfish enhancement	Developed	2002	Jiangsu provincial government	2			
Tongzhou Shallow Water MA 1	Jiangsu	Tongzhou City	The east tidal-flat of Sanjiasha	NA	NA	NA	Laver culture	Developed	2002	Jiangsu provincial government	2			
Tongzhou Tidal-Flat MA 1	Jiangsu	Tongzhou City	The outside of Yaowang Harbor and Tuanjie floodgate	NA	NA	1531	Shellfish culture	Developed	2002	Jiangsu provincial government	2			
Tongzhou Tidal-Flat MA 2	Jiangsu	Tongzhou City	The outside tide-flat between the south of Tuanjie floodgate and the border of Haimen City	NA	NA	135.9	Shellfish culture	Developed	2002	Jiangsu provincial government	2			
Tongzhou Tidal-Flat MA 3	Jiangsu	Tongzhou City	The southern salt pan of former Nantong Salt pan	NA	NA	315.6	Shrimp,carb,fish culture	Developed	2002	Jiangsu provincial government	2			
PPCA13	Jiangsu	Xiangshui county	Shellfish and laver Mariculture Area in Xiangshui and Binhai	NA	NA	379.8	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2			
Tidal-Flat Shellfish Enhancement Area 3	Jiangsu	Xiangshui county	Intertidal zone of seawall	NA	NA	37430.2	Shellfish enhancement area	Developed	2002	Jiangsu provincial government	2			
Dafeng Threatened Species Nature Reserve 1	Jiangsu	Yancheng City	South to the border of Dongtai,north to the Chuandong Harbor floodgate	NA	NA	2497.7	Nature reserve	Undeveloped	2002	Jiangsu provincial government	2			
Dafeng Wetland And Swamp Nature Reserve 1	Jiangsu	Yancheng City	The tidal-flat to the north of Doulong Harbor	NA	NA	6059.4	Nature reserve	Developed	2002	Jiangsu provincial government	2			
Dafeng Wetland And Swamp Nature Reserve 2	Jiangsu	Yancheng City	Coastal tidal-flat	120.70°-120.8°	32.93°-33.60°	71296	Nature reserve	Developed	2002	Jiangsu provincial government	2			
No Fishing Area 4	Jiangsu	Yancheng City	South coastal area from 34°N line	NA	NA	2071852	No-fishing seasons from May 15-September 15 for Clam and Clam Solen,April 1-May 20 for Macra quadrangularis	Developed	2002	Jiangsu provincial government	2			
PPCA24	Jiangsu	Yancheng City	Xinyang Harbor	NA	NA	109.9	Prevention and cure of pollution	Harbor activities	2002	Jiangsu provincial government	2			
PPCA25	Jiangsu	Yancheng City	Doulong Harbor	NA	NA	119.4	Prevention and cure of pollution	Harbor activities	2002	Jiangsu provincial government	2			
PPCA7	Jiangsu	Yancheng City	From Xinyang Harbor to Doulong Harbor	NA	NA	2373.7	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2			
Xiangshui Tidal-Flat MA 1	Jiangsu	Yancheng City	The tidal-flat zone of the west of Zhongshan River estuary	NA	NA	1291.7	Mariculture	Develped	2002	Jiangsu provincial government	2			
Xiangshui Tidal-Flat MA 10	Jiangsu	Yancheng City	No data	119.83°-119.83°	34.51°-34.48°	34.51°-34.48°	34.51°-34.48°	34.51°-34.48°	366.4	Laver culture	Develped	2002	Jiangsu provincial government	2
Xiangshui Tidal-Flat MA 11	Jiangsu	Yancheng City	From Pu Harbor to Sanwei Harbor	NA	NA	856.6	Shrimp,shellfish breeding	Develped	2002	Jiangsu provincial government	2			
Xiangshui Tidal-Flat MA 12	Jiangsu	Yancheng City	From Bawei Harbor to Zhongshan River estuary	NA	NA	245.9	Shrimp,shellfish breeding	Develped	2002	Jiangsu provincial government	2			
Xiangshui Tidal-Flat MA 2	Jiangsu	Yancheng City	Between Sanwei Harbor and Bawei Harbor	NA	NA	286.3	Shellfish,shrimp culture	Develped	2002	Jiangsu provincial government	2			

Xiangshui Tidal-Flat MA 3	Jiangsu	Yancheng City	The tidal-flat zone of the east of Chentuanxian	NA	NA	630.7	Mariculture	Developed	2002	Jiangsu provincial government	2
Xiangshui Tidal-Flat MA 4	Jiangsu	Yancheng City	The tidal-flat zone of Sanwei Harbor	NA	NA	452.3	Mariculture	Developed	2002	Jiangsu provincial government	2
Xiangshui Tidal-Flat MA 5	Jiangsu	Yancheng City	The north side of Tantuzhongxin Road,the east side of Pugang Road	NA	NA	108.5	Shrimp,shellfish breeding	Developed	2002	Jiangsu provincial government	2
Xiangshui Tidal-Flat MA 6	Jiangsu	Yancheng City	The east side of Haizhenping Co.	NA	NA	1062.6	Mariculture	Developed	2002	Jiangsu provincial government	2
Xiangshui Tidal-Flat MA 7	Jiangsu	Yancheng City	The two sides of Sanweiganxian	NA	NA	875.8	Mariculture,reservoir	Developing	2002	Jiangsu provincial government	2
Yancheng Threatened Species Nature Reserve 1	Jiangsu	Yancheng City	Yancheng coastal tidal-flat Nature Reserve	NA	NA	17242.1	Nature reserve	Undeveloped	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 1	Jiangsu	Yancheng City	No data	121.24°121.3 3°121.23°121 .33°121.25°	32.83°32.84 °32.78°32.8 8°32.78°	8166.2	Laver culture	Developed	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 10	Jiangsu	Yancheng City	No data	121.02°121.0 7°	33.12°33.18 °	3122.3	Laver culture	Developed	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 2	Jiangsu	Yancheng City	No data	121.02°121.2 5°121.02°121 .25°121.11°1 21.11°	32.68°32.66 °32.72°32.7 1°32.71°32. 73°	6705.1	Laver culture	Developed	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 3	Jiangsu	Yancheng City	No data	121.06°121.1 7°121.17°121 .06°	32.67°32.66 °32.64°32.6 6°	1171.9	Laver culture	Developed	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 4	Jiangsu	Yancheng City	No data	121.22°121.3 °	32.73°32.77 °	3147.7	Laver culture	Developed	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 5	Jiangsu	Yancheng City	No data	121.18°121.2 8°	33.02°33.12 °	10706.3	Shellfish culture	Developing	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 6	Jiangsu	Yancheng City	No data	121.13°121.1 7°	33.08°33.2°	4213.3	Shellfish culture	Developing	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 7	Jiangsu	Yancheng City	No data	121.05°121.1 3°	33.17°33.28 °	10071	Shellfish culture	Developing	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 8	Jiangsu	Yancheng City	No data	121.00°121.0 5°	33.30°33.42 °	5919.9	Shellfish culture	Developing	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat MA 9	Jiangsu	Yancheng City	No data	121.17°121.2 3°	33.15°33.27 °	7859.7	Shellfish culture	Developing	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat Shellfish Enhancement Area 1	Jiangsu	Yancheng City	No data	121.00°121.1 1°	32.68°32.73 °	29122.8	Shellfish enhancement area	Developed	2002	Jiangsu provincial government	2
Yancheng Tidal-Flat Shellfish Enhancement Area 2	Jiangsu	Yancheng City	No data	121.17°121.2 5°	32.87°32.90 °	24073.7	Shellfish enhancement area	Developed	2002	Jiangsu provincial government	2
PPCA16	Jiangsu	Nantong City	From Laoba Harbor to Lianxin Harbor	NA	NA	5519.7	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
PPCA23	Jiangsu	Yancheng City	Huangsha Harbor	NA	NA	619.3	Prevention and cure of pollution	Harbor activities	2002	Jiangsu provincial government	2
PPCA29	Jiangsu	Qidong City	Dayang Harbor	NA	NA	453.4	Prevention and cure of pollution	Harbor activities	2002	Jiangsu provincial government	2
PPCA5	Jiangsu	Haimen City	From Dongan floodgate to Dongzao Harbor	NA	NA	5143.2	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
PPCA6	Jiangsu	Nantong City	From Tanglu Harbor to Lianxin Harbor	NA	NA	3571.9	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
PPCA8	Jiangsu	Nantong City	From Zhugangkou to Chuanshui Harbor	NA	NA	832.5	Prevention and cure of pollution	Mariculture	2002	Jiangsu provincial government	2
Salt Pan Area 1	Jiangsu	Lianyungang City	North and east to Dapu industrial district of Taibei Salt Pan, west to seawall,south to Paidan River	NA	NA	323	Salt extraction	Developed	2002	Jiangsu provincial government	2
Salt Pan Area 4	Jiangsu	Lianyungang City	East to Fangnan salt pan,Xuwei Salt pan,west to Paidan River,south to Shaoxiang River,north to seawall	NA	NA	10290.1	Salt extraction	Developed	2002	Jiangsu provincial government	2
Salt Pan Area 5	Jiangsu	Lianyungang City	East to Liezi River,west to Tainan salt pan,south to Shaoxiang River,north to seawall	NA	NA	1373.8	Salt extraction	Developed	2002	Jiangsu provincial government	2
Salt Pan Area 6	Jiangsu	Lianyungang City	East to Beigu Hill, west to Hong River,south to Longhai Railway,the north to seawall	NA	NA	667.4	Salt extraction	Developed	2002	Jiangsu provincial government	2
Salt Pan Area 7	Jiangsu	Lianyungang City	East to Yuejing Salt Pan,west to shrimp pond,south to Guanxi Salt Pan,north to shrimp pond	NA	NA	6274.5	Salt extraction	Developed	2002	Jiangsu provincial government	2
Yanyegongsi Tidal-Flat MA 1	Jiangsu	Lianyungang City	East to Liezi River,west to Yunyan River,south to Liezi River,north to seawall	NA	NA	3657	Salt extraction	Developed	2002	Jiangsu provincial government	2
Yanyegongsi Tidal-Flat MA 10	Jiangsu	Lianyungang City	East to Yuejin Salt pan in Guanyun county,west to seawall,south to national highway, north to seawall	NA	NA	7800.8	Salt extraction	Developed	2002	Jiangsu provincial government	2

Yanyegongsi Tidal-Flat MA 2	Jiangsu	Lianyungang City	East to Nachao River,west to Liuwei Salt pan,south to Yunyan main channel,north to Liuwei reservoir	NA	NA	1180.2	Salt extraction	Developed	2002	Jiangsu provincial government	2
Yanyegongsi Tidal-Flat MA 3	Jiangsu	Lianyungang City	East to Xuwei Salt pan,west to Fangyangpайдан River,south to Fangyang salt pan,north to seawall	NA	NA	1007.7	Mariculture	Developed	2002	Jiangsu provincial government	2
Yanyegongsi Tidal-Flat MA 4	Jiangsu	Lianyungang City	East to Linhong bittern-making Area,west to seawall,south to Dapu,north to Liudaogou Road	NA	NA	1594	Evaporating pond and reservoir	Developed	2002	Jiangsu provincial government	2
Yanyegongsi Tidal-Flat MA 5	Jiangsu	Lianyungang City	East to Guwei Road,west to Caowei work Area,south to Xianfeng work Area,north to Upper water channel	NA	NA	3704	Reservoir	Developed	2002	Jiangsu provincial government	2
Yanyegongsi Tidal-Flat MA 6	Jiangsu	Lianyungang City	East to the seashore and Caowei work Area,west to Kaitai work Area,south to Upper water channel,north to the sea	NA	NA	6085	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Yanyegongsi Tidal-Flat MA 7	Jiangsu	Lianyungang City	East to seawall,west to Paidan River,south to Xiaokou Village,north to Shawang River	NA	NA	2570	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Yanyegongsi Tidal-Flat MA 8	Jiangsu	Lianyungang City	East to seawall,west to Huangsha reservoir,south to Zhuji River,north to Gongshang floodgate	NA	NA	1564.2	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2
Yanyegongsi Tidal-Flat MA 9	Jiangsu	Lianyungang City	East to seawall,west to Daxinxipaidan River,south to Fan River,north to Zhuji River	NA	NA	8810	Tidal-flat culture	Developed	2002	Jiangsu provincial government	2

Notes:

Location(range) is shown by the central point of area

MA: Mariculture Area

PPCA: Pollution-Prevention and Cure Area

References

- 1.Marine zoning report of Shandong Province. 2004. Beijing: Ocean Press. P161.
- 2.Fined marine zoning report of Jiangsu Province,2002,Beijing:Ocean Press,pp321

Group Name	Latin Name	English Name	Chinese Name	Korean Name	Distribution in YS (Description)	Quantity or catch		IUCN Threatened Categories	Trend ↓ or ↑	Major Causes	IUCN Red List	China Red List Category	Korean Red Listing (To be defined)	References
						Date of Peak Catch	Date of Lowest Catch							
Algae														
1	<i>Porphyra tenera</i>	Purple laver	甘紫菜		Liaoning, Shandong, Jiangsu Province	NA	NA		↓	deterioration of sea water				1
2	<i>Hizikia fusiformis</i>	Unknown	羊栖菜		Liaoning, Shandong Province	NA	NA		↓	deterioration of sea water				1
3	<i>Silvetia siliquosa</i>	Unknown	鹿角菜		Liaoning, Shandong Province	NA	NA		↓	deterioration of sea water				1
Hemichordata														
4	<i>Balanoglossus misakiensis</i>	acornheaded worm	三崎柱头虫		Endemic, important range in Jiaozhou Bay	No data	No data	Endangered EN A2acd	↓	habitat degradation		√		7, 8, 12
Polychaete														
5	<i>Perinereis aibuhitensis</i> Grube	Unknown	双齿围沙蚕		range in coastal waters	8500t in Jiangsu in 1989 (18)	NA		↓	over-harvest				8, 12
Molluscs														
6	<i>Mactra veneriformis</i> Reeve	Unknown	四角蛤蜊		range in coastal waters	NA	NA		↓	over-harvest, polluted benthic sediment				5
7	<i>Meretrix</i> spp.	Hard clam	文蛤		range in coastal waters	NA	NA		↓	over-harvest, polluted benthic sediment				5
8	<i>Sinonovacula constricta</i>	Agamaki clam	缢蛏		Important range in Liaoning, Shandong Province	NA	NA		↓	over-harvest, polluted benthic sediment				5, 12
9	<i>Chlamys farrei</i>	Farrer scallop	栉孔扇贝		Major range in Liaoning, Shandong	14 ind/m ² in Sanggou Bay in 1985(3)	NA		↓	over-harvest, polluted benthic sediment				8, 12
Shrimps														
10	<i>Penaeus chinensis</i>	Chinese shrimp	中国对虾		range in coastal waters	catch 3741t, the northern Yellow Sea, 1988; 16	catch 884t, 1985, the northern Yellow Sea, 16		↓	Over-fishing				4, 12
Brachiopoda														
11	<i>Lingula anatina</i> Lamarak	Lingula	海豆芽		Important range in Shandong peninsula, Jiangsu, water depth 0-30m	No data	No data		↓	habitat degradation				8, 12
12	<i>Terebratula eoreanica</i> Adams et Reeves	Unknown	酸浆贝		Important range in Liaodong peninsula, Shandong peninsula, north of Jiangsu, water depth 0-76m	No data	No data		↓	habitat degradation				8, 12

Fish													
13	Larimichthys polyactis	Small Yellow Croaker	小黄鱼		Shandong and Jiangsu Province,water less then 105m	38770t landing of Jiangsu,1956,15	landing 640t 1983,Jiangsu,15	Vulnerable VU A2d+4d	↓	Over-fishing	✓	4, 7, 12	
14	Scomber japonicus	Japanese mackerel	日本鲭		range in coastal waters			Vulnerable VU A2d+4d	↓	Over-fishing	✓	4, 7, 12	
15	Gadus macrocephalus	Pacific cod	鳕		range in coastal waters	landing 133972t, Shandong, 1997, 15	landing 5115t 1990, Shandong, 15	Vulnerable VU A2d+4d	↓	Over-fishing	✓	4, 7, 13	
16	Clupea pallasi	Pacific herring	太平洋鲱		range in coastal waters			Endangered EN A2d; C2b	↓	Over-fishing	✓	4, 7, 13	
17	Pagrosomus major	red seabream snapper	真鲷		range in coastal waters	landing 2664t, Shandong, 1959, 15	landing 118t 1962, Shandong, 15		↓	Over-fishing		4	
18	Cleisthenes herzensteini	pointhead plaice	高眼鲽		range in coastal waters	No data	No data		↓	Over-fishing		4, 13	
19	Larimichthys crocea	Large Yellow Croaker	大黄鱼		Major range in coastal areas of Jiangsu and Zhejiang Province	landing 13029t, Jiangsu, 1970, 15	landing 346t 1983, Jiangsu, 15	Vulnerable VU A2d+4d	↓	Over-fishing	✓	4, 7, 13	
20	Trachidermus fasciatus	roughskin sculpin	松江鲈		range in coastal waters	No data	No data	Endangered EN A2de+4bcde	↓	habitat degradation	✓	7, 8, 12	
Sea Turtle													
21	Chelonta mydas	Common Green Turtle	绿海龟		China population is 5% of the World,range in coastal waters	No data	No data	Critically Endangered CR D	↓	Degradation of reproductive habitat	✓	7, 8, 12	
22	Eretmochelys imbricata	hawksbill turtle	玳瑁		China population is 2% of the World,range in coastal waters	I was fished in Lianyungang waters, 1950, (20)	No data	Critically Endangered CR D	↓	Degradation of reproductive habitat	✓	7, 8, 12	
23	Lepidochelys olivacea	Olive Ridley Sea Turtle	太平洋丽龟		China population is 1% of the World,the coastal area of Jiangsu Province	No data	No data	Critically Endangered CR D	↓	Degradation of reproductive habitat	ver 2.3 (1994)	✓	7, 8, 12
24	Dermochelys coracea	Leather Turtle	棱皮龟		China population is 1% of the World,range in coastal waters	I was fished in Lianyungang waters, 1981, (4)	No data	Critically Endangered CR D	↓	Degradation of reproductive habitat	✓	7, 8, 12	
Mammal													
25	Neophocaena phocaenoides	Chinese finless porpoise	江豚		Minor range in coastal waters	ever fished, Jiangxi, 1982	No data	Endangered EN A1acd	↓	commercial catch	ver 2.3 (1994)	✓	2, 7, 12
26	Phoca largha	Hair seal	斑海豹		Minor range in coastal waters	105 were fished in estury of Shuangtaizi River,North of Liaodong Bay, April 2003, 14	No data	Endangered EN C2a(i,ii); E	↓	Degradation of reproductive habitat	✓	2, 7, 12	
27	Eschrichtius robustus	Grayback	灰鲸		Minor range in coastal waters	No data	No data		↓	deterioration of habitat	ver 2.3 (1994)		2, 12

Bird													
28	Grus japonensis	red-crowned crane	丹顶鹤		China population is 60%-70% of the world,Liaodong Bay,the north coastal of Jiangsu Province	about 1000 individuals,Jiangsu,2002,17	No data	Endangered EN C1	↓	deterioration of wetland habitat	ver 3.1 (2001)	✓	
29	Grus monacha	hooded crane	白头鹤		Liaodong Bay,the north coastal of Jiangsu Province	1400 individuals,Zhalong Nature Reserve,1999,17	No data	Vulnerable VU C1	↓	deterioration of wetland habitat	ver 3.1 (2001)	✓	
30	Grus vipio	white-naped crane	白枕鹤		China population is 60%-70% of the world,range in Heilongjiang and Jilin Province	61 were caught on Changlin Island, 2002, 17	No data	Vulnerable VU A2ce; C1	↓	deterioration of wetland habitat	ver 3.1 (2001)	✓	
31	Platalea minor	Black-faced spoonbill	黑脸琵鹭		China population is over 80% of the world wintering population, the coastal area of China continent	30~45 were caught in estuary of Yalu River and Chaoyang,Liaoning Province,February 1997, 19	No data	Endangered EN A2ce; C1+2b; D1	↓	deterioration of wetland habitat	ver 3.1 (2001)	✓	
32	Egretta eulophotes	Chinese Egret	黄嘴白鹭		China population is about 80% of the world,range in Liaoning,Shandong,Jiangsu Province	No data	No data	Near Threatened NT nearly met VU A1bd+2bd; C1	→	deterioration of wetland habitat	ver 3.1 (2001)	✓	
33	Anas formosa	baikal teal	花脸鸭		the coastal area in Jiangsu	No data	No data	Vulnerable VU A1cd+2cd	↓	deterioration of overwinter wetland habitat	ver 3.1 (2001)	✓	
34	Cygnus Cygnus	swan	大天鹅		Coastal west YS:Rongcheng City, Yancheng City	No data	No data	Near Threatened NT nearly met VU A1acd+2acd	↓	deterioration of overwinter wetland habitat		✓	
35	Laurs saundersi	Sauder's gull	黑嘴鸥		China population is 60% of the world,Liaoning Province	No data	No data	Vulnerable VU A2c; C1	↓	deterioration of overwinter wetland habitat		✓	3, 7

Notes:

↓ means decreasing trend, → means stable trend

Major cause are from references and the project team member' analysis.

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Group Name	Latin Name	English Name	Korean Name	Chinese Name	Distribution in YS	Found Date	High-level Year	Low-level Year	Threatened Categories	Trend	Major Causes	China Red List,10	Korean List (to be defined)	IUCN Red List,9	Reference
Hemichordata															
	Glassobalanus polybanchioporus			多鳃孔舌形虫	Endemic,The coastal area of Qingdao, Dafeng and Dongchuan	1965 by Prof Zhang Xi	Unknown	Unknown	Endangered EN A2acd	↓	Habitat degradation	√			1,2,3
	Saccoglossus hwangiaeensis			黄岛长吻虫	Endemic,Jiaozhouwan Bay	1935,	Unknown	Unknown	Endangered EN A2acd	↓	Habitat degradation	√			1,2,4,6
Chordata															
	Branchiostoma belcheri tsingtauense	amphioxus		青岛文昌鱼	Endemic,Jiaozhouwan Bay, sandy sediment of qingdao coastal water	1934 by Prof. Tong Dizhou collecting 1000ind one day in 1989 and 1990	Unknown	Unknown	Vulnerable VU A2ac; B1b(i,ii,iii)c(i,ii,iii)	↓	Habitat degradation	√			1,2,5
Fish															
	Acipenser sinensis	Chinese sturgeon		中华鲟	Endemic,The coastal area of Jiangsu province	NA	Unknown	Unknown	Endangered EN A2ce; B1ab(i,ii,v); D1	↓	Over-fishing	√		√ ver 2.3(1994)	1,2

Notes:

↓ means decreasing trend, - means stable trend

Major cause are from references and the project team member' analysis.

References

1 <http://www.chinabiodiversity.com/redlist/search/index.shtml>

2 National Report of Yellow Sea Large Marine Ecosystem PDF-B 1999.

3 http://www.chiculture.net//0207/0207ani/0207ani.php?ani_code=130

Group Name	Latin Name	English Name	Chinese Name	Korean Name	Pathway of Introduction	Objective of Introduction	Date of Introduction
Algae			海藻				
	<i>Laminaria japonica</i>	Sea tangle	日本真海帶		fouled at the bottom of ship	Unconsciously	1927
	<i>Undaria pinnatifida</i>	pinnatifida	裙带菜		Introduced by scientist	mariculture	1990s
	<i>Macrocystis pyrifera</i>	Giant kelp	巨藻		Introduced by scientist	mariculture	1978
	<i>Desmarestia ligulata</i>		舌状酸藻		Unconsciously	Unconsciously	
Tracheophyt			维管植物				
	<i>Spartina anglica</i>	Spartina	大米草		Introduced by scientist	Protection of tidal-flat from strom tide	1963
	<i>Spartina patens</i>	Spartina	孤米草		Introduced by scientist	Protection of tidal-flat from strom tide	1980s
	<i>Spartina alterniflora</i>	Spartina	互花米草		Introduced by scientist	Protection of tidal-flat from strom tide	1979
Polychaeta			多毛纲				
	<i>Hydroides elegans</i> (Haswell)	Unknown	华美盘管虫		fouled at the bottom of ship	Unconsciously	Unknown
Molluscs			软体动物				
	<i>Argopecten irradians</i>	Atlantic bay scallop	海湾扇贝		Introduced by scientist	mariculture	1981
	<i>Patinopecten yessoensis</i>	Giant ezo scallop	虾夷扇贝		Introduced by scientist	mariculture	At the beginning of 1980s
	<i>Crassostrea gigas</i>	Pacific oyster	长牡蛎		Introduced by scientist	mariculture	At the beginning of 1980s
	<i>Spisula solidissima</i>	surf clam	大西洋浪蛤		Introduced by scientist	mariculture	2006
	<i>Haliotis rufescens</i>	red abalone	红鲍		Introduced by scientist	mariculture	middle of 1980s
	<i>Haliotis fulgens</i>	green abalone	绿鲍		Introduced by scientist	mariculture	middle of 1980s
	<i>Panopea abrupta</i>	Geoduck clam	象拔蚌		Introduced by scientist	mariculture	1998
	<i>Mercenaria mercenaria</i>	Hard-shell clam	硬壳蛤		Introduced by scientist	mariculture	1997
	<i>Pecten maxima</i>	big scallop	大扇贝		Introduced by scientist	mariculture	end of 1990s
	<i>Strongylocentrotus intermedius</i>	sea urchin	虾夷马粪海胆		Introduced by scientist	mariculture	1989

Origin of Import	Rearing Site (Place or Facility Broodstock Held or Raised)	Date of First Record in Wild	Site of Rirst Record in Wild	Wild Population Yes or Not	Wild Population Distribution	References	Remarks
Japan,North Korea	Dalian City,Yantai City	Unknown	Unknown	Yes	rocky coasatal waters of Liaoning and Shandong	1	
Japan,North Korea	Liaoning,Shandong,Zhejiang Province	Unknown	Unknown	Yes	rocky coasatal waters of Liaoning and Shandong	1	
Mexico	Unknown	Unknown	Unknown	Yes	rocky coasatal waters of Liaoning and Shandong	1	
Japan		2000	Dalian coastal waters	Yes	coasatal waters of Liaoning	4,6	
UK	Coastal flat in Jiangsu	1963	Coastal flat in Jiangsu	Yes	major area in coastal muddy flat of Liaoning and Jiangsu, minor area in Shandong	1,7	
USA	Coastal flat in Jiangsu	1980s	Coastal flat in Jiangsu	Yes	coastal muddy flat of Jiangsu	1,7	
USA	Coastal flat in Jiangsu	1979	Coastal flat in Jiangsu	Yes	major area in coastal muddy flat of Liaoning and Jiangsu, minor area in Shandong	1,7	
Unknown	Unknown	Unknown	Unknown	Yes	intertidal and subtidal sediment of Shandong,Liaoning and Jiangsu etc	2	
USA	Shandong	Unknown	Unknown	Yes	Coastal waters of Shandong, Liaoning	1	
Japan	Liaoning,Shandong Province	Unknown	Unknown	Yes	Coastal waters of Shandong, Liaoning	1	
Japan	Liaoning,Shandong,Fujian, Guangdong Province	Unknown	Unknown	Yes	Coastal waters of Shandong, Liaoning	1	
USA	Qingdao coastal waters	2006	2006	Yes	Qingdao coastal waters	qingdaonews website	
USA	Dalian coastal waters	Unknown	Unknown	Yes	Qingdao coastal waters	1	
USA	Dalian coastal waters	Unknown	Unknown	Yes	Qingdao coastal waters	1	
USA	Dalian coastal waters	2000	Dalian coastal waters	Yes	Coastal waters of Shandong, Liaoning	1	
USA	Coastal waters of Shandong, Liaoning	Unknown	Unknown	Yes	Coastal waters of Shandong, Liaoning	lzxw.laizhou.gov.cn	
France,Norway	Unknown	Unknown	Unknown	Yes	Qingdao coastal waters	1	
Japan	Dalian City	Unknown	Unknown	Yes	Rocky coastal water of Dalian	1	

Crustacea			甲壳纲			
	Balanus eburneus	Ivory Barnacle	象牙藤壶	fouled at the bottom of ship	Unconsciously	Unknown
	Balanus improvisus		致密藤壶	fouled at the bottom of ship	Unconsciously	Unknown
	Balanus amphitrite amphitrite	barnacle	纹藤壶	fouled at the bottom of ship	Unconsciously	Unknown
Shrimps			虾			
	Penaeus japonicus	Common shrimp	日本对虾	Introduced by scientist	mariculture	1994-1996
	Penaeus vannamei Boone	Pacific white shrimp	南美白对虾	Introduced by scientist	mariculture	1991
	Penaeus vannamei		凡纳对虾	Introduced by scientist	mariculture	1998
Urochordata			尾索动物门			
	Ciona intestinalis		玻璃海鞘	fouled at the bottom of ship	Unconsciously	Unknown
	Molgula manhattensis		乳突皮海鞘	fouled at the bottom of ship	Unconsciously	Unknown
	Styela canopus		冠瘤海鞘	fouled at the bottom of ship	Unconsciously	Unknown
Fish			鱼			
	Scophthalmus maximum	Turbot	大菱鲆	Introduced by scientist	mariculture	1992
	Sciaenops ocellatus	Red drum	眼斑拟石首鱼	Introduced by scientist	mariculture	at the beginning of 1990s
	Salmo gairdnerii	Rainbow Trout	虹鳟	Introduced by scientist	mariculture	1959-1983
	Fugu rubripes	ocellate puffer	红鳍东方鲀	Introduced by scientist	mariculture	1991s
	Morone saxatilis	striped bass	美洲条纹狼鲈	Introduced by scientist	mariculture	Unknown
	Lates calcarifer	barramundi	尖吻鲈	Introduced by scientist	mariculture	Unknown
	Altantic flounder	summer flounder	大西洋牙鲆	Introduced by scientist	mariculture	2002

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Unknown	Unknown	Unknown	Unknown	Yes	Coastal water of YS	5	
Unknown	Unknown	Unknown	Unknown	Yes	Coastal water of YS	2	
USA	Unknown	1978	Qingdao coastal waters	Yes	Coastal water of YS	2	
Japan	Unknown	Unknown	Unknown	Yes	Coastal water of YS	1	
Ecuador,USA	Liaoning,Shandong Province	Unknown	Unknown	Unknown	Unknown	3	
USA	Shandong, Hebei, Hainan Province	Unknown	Unknown	Unknown	Unknown	3	
USA	Unknown	Unknown	Unknown	Yes	Coastal water of YS	2	
USA	Unknown	Unknown	Unknown	Yes	Coastal water of YS	2	
USA	Unknown	Unknown	Unknown	Yes	Coastal water of YS	2	
UK	Weihai City,Shandong Province,Dalian City,Liaoning Province	Unknown	Unknown	Yes	Coastal water of YS	1	
State of Texas,USA	Qingdao coastal waters	Unknown	Unknown	Yes	Coastal water of YS	1	
North Korea,USA,Japan	the coastal area of China	Unknown	Unknown	Yes	Coastal water of YS	1	
Japan	the coastal area of China	Unknown	Unknown	Yes	Coastal water of YS	1	
Unknown	Qingdao	Unknown	Unknown	Yes	Coastal water of YS	1,3	
Unknown	Unknown	Unknown	Unknown	Yes	Coastal water of YS	1	
USA	Qingdao	Unknown	Unknown	Yes	Coastal water of YS	3	

Group Name	Latin Name	English Name	Chinese Name	Korean Name	Genetic Information	References	Remarks
Shrimp							
	<i>Penaeus chinensis</i>	Chinese prawn	中国对虾		Details in files:shrimp1, shrimp2, shrimp3, shrimp4, shrimp5	1, 2, 3, 4, 5	
	<i>Penaeus japonicus</i>	Japanese prawn	日本对虾		Details in files:shrimp1	1	
	<i>Penaeus vannamei</i>	Pacific white shrimp	南美白对虾		Details in files:shrimp1	1	
Fish							
	<i>Pagrosomus major</i>	red seabream snapper	真鲷		Details in files:fish1	6	
	<i>Pseudosciaena.crocea</i>	Large Yellow Croaker	大黄鱼		Details in files:fish2	8	
	<i>Pseudosciaena.polyactis</i>	Small Yellow Croaker	小黄鱼		Details in files:fish2, fish5	8, 11	
	<i>Collichthys.lucidus</i>	spinyhead croaker	棘头梅童鱼		Details in files:fish2	8	
	<i>Collichthys.niveatus</i>	bighead croaker	黑鳃梅童鱼		Details in files:fish2	8	
	<i>Miichthys.miiuy</i>	brown croaker	鮓鱼		Details in files:fish2	8	
	<i>Nibea.albiflora</i>	yellow drum	黄姑鱼		Details in files:fish2	8	
	<i>Argyrosomus.argentatus</i>	white mouth croaker	白姑鱼		Details in files:fish2	8	
	<i>Johnius.belengerii</i>	corvina	叫姑鱼		Details in files:fish2	8	
	<i>Lateolabrax japonicus</i>	Japanese sea perch	花鲈		Details in files:fish3	9	
	<i>Scomberomorus niphonius</i>	Blue-spotted mackerel	蓝点马鲛		Details in files:fish4	10	
Mammal							
	<i>Neophocaena phocaenoides</i>	finless porpoise	江豚		Details in files:mammall	7	

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- 11、Meng Zining, Zhuang Zhimeng, et al. 2003. Genetic diversity in small yellow croaker by RAPD analysis. *Biodiversity Science*. 11(3):197-203.

Group Name	Name	Issued Date	Issued By	References	Remarks
	PRC Law on Marine Environment Protection	December 25,1999	National People's Congress (NPC)	Laws and Regulations Collection of Marine Environmental Protection,Ocean Press,2004	
	PRC Fisheries Law	October 31,2000	NPC	Ditto	
	PRC Law on the Use of Sea Areas	October 27,2001	NPC	Ditto	
	PRC Environment Protection Law	December 26,1989	NPC	Ditto	
	PRC Law on Environmental Impact Assessment	October 28,2002	NPC	Ditto	
	PRC Law on the Prevention and Control of Water Pollution	May 15,1996	NPC	Ditto	
	PRC Law on Prevention and Control of Radioactive Pollution	June 28,2003	NPC	Ditto	
	PRC Law on Prevention and Control of Atmospheric Pollution	April 29,2000	NPC	Ditto	
	PRC Regulations for Marine Natural Reserves Management	May 29,1995	State Oceanic Administration (SOA)	Ditto	
	PRC Detailed Regulations of Fisheries Law	October 20,1987	Ministry of Agriculture(MOA)	Ditto	
	PRC Implementation Regulations for Wild Aqatic Animal Protection	September 17,1993	MOA	Ditto	
	PRC Management Regulations for Aqatic Animal and Plant Natural Reserves	October 17,1997	MOA	Ditto	
	Regulations for Fishing License	May 9,2002	MOA	Ditto	
	PRC Management Regulations on Dumping of Waste in the Ocean	March 6,1985	the State Council	Ditto	
	Temporary Regulations on Dumping Areas	November 11,2003	SOA	Ditto	
	PRC Environment Management Regulations for Prevention of Pollution from Coastal Engineering	June 25,1990	the State Council	Ditto	
	Temporary Regulations on Environmental Impact Assessment of Marine Engineering	November 17,2004	SOA	Ditto	
	PRC Regulations on the Prevention of Ship-based Pollution	December 29,1983	the State Council	Ditto	
	PRC Regulations on the Prevention of Pollution from Disassembling Vessels	May 18,1988	the State Council	Ditto	
	PRC Regulations on Environmental Protection in the Exploration and Development of Offshore Petroleum	December 29,1983	the State Council	Ditto	
	Regulations on Usage of Chemical Dispersant of Oil in the Exploration and Development of Offshore Petroleum	August 20,1992	SOA	Ditto	
	PRC Regulations on Cooperative Exploitation of Offshore Petroleum Resources with Foreign Parties (Revised)	September 23,2001	the State Council	Ditto	
	Procedures for Environmental Impact Assessment of Exploration and Development of Offshore Petroleum	May 17,2002	SOA	Ditto	
	PRC Temporary Regulations on Discarded Oil-Extraction Platforms	June 24,2002	SOA	Ditto	
	Temporary Regulations on Retrospective Assessment of Environmental Impacts of Exploration and Development of Offshore Petroleum	October 27,2003	SOA	Ditto	
	Fujian Provincial Regulations on Marine Environmental Protection	September 27,2002	Fujian People's Congress	Ditto	
	Shandong Provincial Regulations for Marine Environmental Protection	September 23,2004	Shandong People's Congress	Ditto	

	PRC National Standard of Sea Water Quality	July 1,1998	State Environmental Protection Administration (SEPA)	Ditto	
	PRC National Standard of Marine Biological Quality	August 28,2001	SOA	Ditto	
	PRC National Standard of Marine Sediment Quality	March 10,2002	SOA	Ditto	
	Technical Guidelines for Monitoring of Marine Halobios Quality	April 1,2002	SOA	Ditto	
	Technical Specifications for the Management of Marine Protected Areas	Jan 1 2005	SOA	Ditto	
	Comprehensive Waste Water Discharge Standard	January 1,1998	SEPA	Ditto	
	Standard for Pollution Control of Sewage Marine Disposal Engineering	Jan 1 2002	SEPA	Ditto	
	Technical guidelines for environmental impact assessment of marine engineering	Mar 3 2004	SOA	Ditto	
	Classification and Assessment Procedure of Marine Treatment of Dredged Material	Sept 20 1992	SOA	Ditto	
	Standards for discharge of Oil-bearing Waste Water from Offshore Petroleum Development Industry	January 18,1985	SOA	Ditto	
	Effluent standards for oil-bearing waste water f	Jan 18 1985	SEPA	Ditto	
	Convention on Biological Diversity	June 1,1992	UN	Ditto	
	United Nations Convention on the Law of the Sea	December 16,1994	UN	Ditto	
	Convention on the Prevention of Marine Pollution by Dumping Wastes and Other Materials	November 29,1972	UN	Ditto	
	Convention on Wetlands of International Importance Especially as Waterfowl Habitat	February 2,1971	UN	Ditto	
	Convention on International Trade in Endangered Species of Wild Fauna and Flora	March 3,1973	UN	Ditto	
	UN Framework Convention on Climate Change (UNFCCC)	May 9,1992	UN	Ditto	
	UNFCCC Kyoto Protocol	December 10,1997	UN	Ditto	
	The agreement between PRC and JAPAN on Protection of Migratory Birds and their Habitats	March 3,1981	China,Japan	Ditto	
	The agreement between PRC and AUSTRALIA on Protection of Migratory Birds and their Habitats	October 20,1986	China,Australia	Ditto	
	London Convention in1972/Protocol in 1996	December 7,1996	UN	Ditto	
	Cartagena Protocol on Biosafety	January 28,2000	UN	Ditto	

Notes:

SOA: State Oceanic Administration(China)

SEPA: State Environmental Protection Administration (China)

UN: United Nations



**UNDP/GEF PROJECT ENTITLED “REDUCING ENVIRONMENTAL STRESS IN THE
YELLOW SEA LARGE MARINE ECOSYSTEM”**

UNDP/GEF-

Date: 8 September, 2006

English only

Final Report(2nd Version) from Korea

For the UNDP/GEF Yellow Sea Project - Biodiversity

FINAL REPORT

(YSLME-Biodiversity Component)

I. Background of assignment

In the approved Implementation Plan of the UNDP/GEF Yellow Sea Project, “Reducing Environmental Stress in the Yellow Sea Large Marine Ecosystem,” one of the main activities of the Biodiversity Component is to collect biodiversity-related data and information to input into the Biodiversity Chapter of the Transboundary Diagnostic Analysis (TDA). The objective of this task is to gather necessary data and information in the specified region to support or refute the Yellow Sea’s biodiversity problems identified by the Regional Working Group-Biodiversity (RWG-B) members. The TDA will be a scientifically-sound document containing objective data and information to determine the problems, their trends, and information gaps to recognise the problems. The problems, format, and types of data and information to be collected were agreed by the members of the RWG-B at its first meeting (Qingdao, China, 19-22 April 2005). It was also agreed that both natural and socio-economic data and information should be collected.

Geographic Scope:

The Yellow Sea is a semi-enclosed epi-continental marginal sea located between the Korean peninsular and the northern part of China Continent. It is separated from the West Pacific Ocean by the East China Sea in the southern area and linked with Bohai Bay in the northern part. It extends to 40N in the north and joins the East China Sea near 31N in the south. It is geopolitically surrounded by the Republic of Korea (ROK), Democratic People’s Republic of Korea (DPRK) and the People’s Republic of China (PRC). The southern boundary between the Yellow Sea and the East China Sea runs from the mouth of Yangtze River (PRC) to the Cheju Island (ROK). The Boundary between the Yellow Sea and the Bohai Bay is the line between the Shantung and the Liaotung peninsulas (PRC). The Yellow Sea covers about 404, 000 km² excluding the Bohai Bay and embodies about 120,000 km³. The average depth of the Yellow Sea is about 44m in the continental shelf area with the maximum of 103m in the northern area of Jeju Island.

The Yellow Sea Large Marine Ecosystem is defined in this Project Document as the body of water delineated at the south, by a line connecting the north bank of the mouth of the Chang Jiang (Yangtze River) to the south side of Jeju ; at the east, by a line connecting Jeju Island to Jindo Island along the coast of the ROK; and to the north, a

line connecting Dalian to Penglai (on the Shandong Peninsula). This latter line separates the Bohai Bay from the Yellow Sea and as a result is not included in this study.

II. Methods used to carry out assignment

The Contractor, National Fisheries Research & Development Institute, a company duly constituted under the laws of the Republic of Korea, constituted a National Working Group and it was composed with 11 specialists from 7 different institutes.

In order to collect data and information, the first meeting was held to get the strategy, exchange the opinions and discuss the suggested parameters, format and units. The second meeting was for review the data and information collected from various sources. The third and fourth meeting were for identification of the major problems related to biodiversity degradation and review of causal chain analysis and governance analysis. Group of scientists reviewed and discussed the processes of biodiversity degradation in the natural ecosystem, including human activities from aquaculture, with consultation from various fields of biodiversity (physiology, taxonomy, population genetics, and ecology etc.). The fifth meeting was held to review the report comprehensively.

Data was collected with the parameters and formats had been set up during the 1st and 2nd RWG-B meetings by specialists from two countries, China and Republic of Korea as follow:

- Collected and reviewed the actual data and information for each parameter in the agreed format and temporal and spatial scales, or collecting the best available data.
- Analyzed the data and references to identify and prioritize the current biodiversity problems.
- Described changes in species composition, genetic diversity, conservation areas, and habitat availability.

- Carried out the preliminary causal chain analysis (CCA) and governance analysis of biodiversity problems following the PMO's example.
- Listed the gaps in data and information required for understanding changes and trends in biodiversity and habitats, in order to show what data and information should be collected for the TDA through field surveys, and for the longer-term future to better manage biodiversity problems faced by the Yellow Sea.

The main activities conducted include:

Activity 1. Strategic Meeting of National Working Group for Biodiversity for the Data and Information Collection

The main objectives of the meeting were to gather strategy for brain-storming and provide technical guidelines on the data and information collection of the parameters, format and scales agreed by the Regional Working Group for Biodiversity. The participants were researchers involved in the Biodiversity Project. The outcome of the meetings should be: limitation of responsibility for data/information collection; agreement on collection methods and standardization of the data, etc.

Activity 2. Collecting Data and Information

In order to collect data and information as suggested and agreed by the RWG-B, the following data collection activities were performed for the coastal areas of, and, if possible, proper Yellow Sea. Some data and information were from the national databases, and some of them were from the various institutes in different local governmental organizations.

Activity 3. Technical Review Meeting for Data Analysis and Review

Members of NWG-B reviewed data and information collected from various sources, and agreed on the quality of the data and information, and how to present the data and information in comparable formats. From the data and information, a list of the identified gaps in data and information by members of NWG-B and consultants. The participants for this meeting were the members of NWG-B and specialists in information processes.

Activity 4. Technical Meeting for Identification of the Major Problems Related to Biodiversity Degradation

NWG-B reviewed and discussed the processes of biodiversity degradation in the natural ecosystem, including human activities from aquaculture, with consultation from various fields of biodiversity (physiology, taxonomy, population genetics, and ecology etc.).

Activity 5. Preparation of a Draft

A draft of the final report was prepared and reviewed comprehensively by consultants knowledgeable with the Yellow Sea ecosystem and in the editorial process.

Activity 6. Practical Meeting for the Comprehensive Review of the Final Report

Final report (written in English) from the reviewed draft was prepared based on the activities 1-6 and reviewed comprehensively by NWG-B members and two more experts.

Activity 7. Submit the Final Report to RWG-B and PMO

III. Biodiversity problems and priorities

The main biodiversity problems in the Yellow Sea Ecosystem are from three aspects: the population decline of marine species, the degradation of their habitat and biodiversity-related management problems.

The specific habitat problems include: (1) Loss of natural habitat especially due to reclamation for urban and factories construction and treatment of solid waste in sea; (2) Conversion of natural habitat to fisheries and salt production etc.

The species problem includes: (1) Vulnerability of ecologically important species due to over-fishing, over-harvest, water pollution etc.; (2) Decline of endemic species due to degradation of their limited habitat; (3) Impacts of exotic species on native species e.g. in food and space competition; (4) Degradation of genetic biodiversity of some concerned species.

The biodiversity-related management problems include poor laws and regulations, weak reinforcement of laws and regulation, unbalance between economic development and environmental protection.

Among the current biodiversity problems, the extensive conversion and degradation of habitat and weak reinforcement of laws and regulation rank top priority, which need emergent concern. Adjustment of policies between central and local government is very critical to get the efficient application of law enforcement.

Public awareness and education are also important and fundamental factor to reach the goal of maintenance and enhancement of biodiversity. Without support and help of public citizen, efforts of the government cannot be accomplished. It may be more efficient for the NGOs' co-operation and local stakeholders (including local people, students etc) to involve the development and vitalization of biodiversity protection policy.

IV. Preliminary causal chain analysis

Table 1. Causal Chain Analysis for Habitat Loss

Impact	Problem	Immediate Cause	Underlying Cause	Root Cause
-Coastal habitat loss				
-Tidal flat loss	Habitat Loss	-Decrease of natural habitats	-Construction of industrial complex	-Inadequate evaluation of marine and coastal ecosystem during the economic growth
-Change of ecosystem structure		-Increase of artificial habitats	-Limitation of waste treatment facilities	-Ocean dumping policy
-Loss of hatching and nursing ground			-Construction and enlargement of ports	-Lack of public awareness

In the table 1, causal chain analysis of habitat loss is described. Habitat loss in the Yellow Sea area has been mainly caused with the economic development. Especially, habitat loss has been accelerated to get the industrial complexes and town for the people. Also ocean dumping of waste originated in the land has been performed for several decades. However, it should not be underestimated for the lack of public awareness to be one of important root causes.

To support economic growth, construction of industrial complexes (including ports) and towns in coastal area were the underlying causes. After the changing of coastal area dramatically, it resulted in decrease of natural habitats and increase of artificially modified environments.

These activities are the causes of habitat loss in the Yellow Sea Ecosystem, which make impacts on the change of coastal and marine ecosystem and loss of hatching/nursing

ground for marine organisms. It is very difficult for us to understand the quality and quantity of habitat loss and its impacts on ecosystem exactly.

Table 2. Causal Chain Analysis for Habitat Conversion

Impact	Problem	Immediate Cause	Underlying Cause	Root Cause
<ul style="list-style-type: none"> -Change of coastal habitat -Tidal flat loss and conversion -Change of ecosystem structure -Input of organic materials 	Habitat Conversion	<ul style="list-style-type: none"> -Decrease of natural habitats -Increase of aquaculture facilities 	<ul style="list-style-type: none"> -Fund-raising by local government -Getting resources 	<ul style="list-style-type: none"> -Increase of needs for qualified seafood -Needs for well-being lifestyle

Habitat conversion is closely related to habitat loss. However, definition of habitat conversion is not clear. Especially coastal area used to be changed to salt pan and aquaculture farm. In the case of salt pan, its construction would be generally regarded as habitat loss. There is poor biodiversity except extremely halophilic microorganisms. Nowadays, most of the salt pan has been changed into other usages.

To meet the people's strong needs for well-being lifestyle, fisheries' products have been important to well-being lifestyle. After activities by local government for budget and resources, there was the increase of aquaculture facilities.

However, the increase of aquaculture facilities and aquacultured organisms has been another source of marine organic pollution. Also those are the cause of tidal flat's conversion and loss of its function.

Table 3. Causal Chain Analysis for Vulnerable Species

Impact	Problem	Immediate Cause	Underlying Cause	Root Cause
<ul style="list-style-type: none"> -Change of population abundance and distribution -Possible degradation of genetic diversity -Change of ecosystem structure and function 	Decrease of Vulnerable Species	<ul style="list-style-type: none"> -Decrease of natural habitats -Loss of major habitats -Change of environmental factors -Over-fishing and over-harvest -Marine pollution -Eutrophication 	<ul style="list-style-type: none"> -Increase of human activities in marine and coastal areas -Limitation of waste treatment facilities -Construction and enlargement of ports 	<ul style="list-style-type: none"> -Inadequate evaluation of marine and coastal ecosystem -Ocean dumping policy -Lack of public awareness

Ecologically important marine living species have become vulnerable due to major immediate causes, such as changes of habitat and migration pattern, marine pollution and eutrophication, overloaded fishing activities including bycatch and incidental catch, and climate-induced marine environment shifts in the Yellow Sea ecosystem.

The underlying cause associated with this immediate cause included: (a) Increase of human activities in marine and coastal areas; (b) Limitation of waste treatment facilities; (c) Construction and enlargement of ports and docks along the coast of the Yellow Sea.

The root causes in connection to the related underlying cause and immediate cause list as follows: (a) Inadequate evaluation of marine and costal ecosystem; (b) Ocean dumping policy in the Yellow Sea, (c) Lack of public awareness.

These chained causes influence vulnerable species to bring (a) Decrease of population abundance and distribution, (b) Possible degradation of genetic diversity, and (c) Change in the structure and function, especially flow of energy through trophic levels of the Yellow Sea ecosystem.

Table 4. Causal Chain Analysis for Genetic Diversity

Impact	Problem	Immediate Cause	Underlying Cause	Root Cause
<ul style="list-style-type: none"> -Instability of ecosystem -Change of ecosystem structure - Simplification of gene pool 	Degradation of Genetic Diversity	<ul style="list-style-type: none"> -Decrease of natural habitats -Increase of artificial habitats -over-fishing 	<ul style="list-style-type: none"> -Simplification of environments (Construction of industrial complexes, port etc) -Decrease of natural population -Introduction of mass with similar clone -Introduction of LMO (intentionally or unintentionally) 	<ul style="list-style-type: none"> -Inadequate evaluation of marine and coastal ecosystem -Poor understanding of genetic diversity

It is very difficult to collect the genetic diversity data. Because of the data limitation and lack of public awareness, importance of genetic diversity has been underestimated. Genetic diversity is very important not only in the sense of natural resources but also in the function of ecosystem's health. The stability of ecosystem could not be established without genetic diversity in the long run.

Information of genetic diversity has been focused on economically important marine species because of its cost and time consuming. Data and information about genetic diversity are not available at this time. However those will be served to the public as soon as possible (no later than end of this year) and database is under the construction too.

Database has about 500 genetic information of 36 species in <http://v29-122.icu.ac.kr/~hwani/mgrbd/member/login.php> after registration.

V. Preliminary governance analysis

Stakeholder Consultation	Institutional Analysis	Policy/Legal Analysis
Stakeholder <ul style="list-style-type: none"> - local citizen -teachers and students -NGOs -fisheries-related people -academic people -local & central governments -industries 	Related institutes <ul style="list-style-type: none"> -local citizen -political parties -member of National Assembly -local Assembly -local & central governments 	National Bodies <ul style="list-style-type: none"> -related ministries -political parties -National Assembly -NGOs
Habitat Loss <ul style="list-style-type: none"> -coastal habitat loss -gaining of land -conservation of ecosystem 	Conflict of Interests <ul style="list-style-type: none"> -conservation and development -short or long term benefits -conflict between local/central governments -legislated processes 	

Habitat Loss

- 1) lack of adequate knowledge for biodiversity
- 2) lack of adjustment system between each stakeholders
- 3) development-oriented policy (especially local governments)
- 4) poor law-enforcement against violation
- 5) misunderstanding of tidal flat's function and long term benefit

Habitat Conversion

- 1) lack of information for sustainable development in coastal and marine ecosystems
- 2) poor policy of recovery
- 3) property owner's neglect on natural conservation
- 4) poor law-enforcement against violation (especially aquaculture management and regulation etc)

Vulnerable Species

- 1) poor application of systematic survey
- 2) poor education system for production and maintenance of experts
- 3) poor brain-pool
- 4) lack of information for sustainable development in coastal and marine ecosystems (especially living and vulnerable species)
- 5) lack of adequate knowledge for biodiversity
- 6) development-oriented policy (especially local governments)

VI. Location of data & information and access to each site by the public

Data and information were stored in various institutes such as National Fisheries Research & Development Institute (NFRDI), Korea Ocean Research and Development Institute (KORDI), and Korea Maritime Institute (KMI) including universities and private institutes. They keep the data and information as the form of electric forms, paper, reports, and/or books etc. Some data and information were collected in specialists and provided by them. Most information is accessible by the public with free of charge or in a cheap price.

VII. Data and information table (see an excel file attached)

1. Protected Area
2. Reclamation and Artificial Coastal Line
3. Habitat Conversion (no available data collected)
4. Functional Zoning
5. Vulnerable Species
6. Endemic Species (tables were categorized for fish, shellfish, shrimp, seaweed, benthos, zooplankton, and phytoplankton)
7. Exotic Species
8. Genetic diversity

9. Laws and Regulations

VIII. Data and information gaps

1. There was no Habitat Conversion data available right now. Main reason for this is that it has been changing dramatically in habitat conversion.
2. For Vulnerable Species, Endemic Species, Exotic Species, we could find the list of species. However, the seasonal distributions or the specific habitats were not described in detail. From our data collection, it should be impressed that a wide coastal survey on biological component of Yellow Sea Ecosystem need be conducted.
3. There was a mutual agreement during the 2nd RWG meeting to have a special seminar and discussion schedule around the 3rd RWG meeting in China. Therefore the table for Genetic Diversity should be considered to be filled out after the special seminar and discussion. During the data collection, we found few genetic experiments conducted with species found in Yellow Sea area and included into the Genetic Diversity part of the data collection table.
4. Researches and investigations for new reports on the species composition and other biological components in Yellow Sea area are still in progress. Therefore the data and information gaps may be filled in some degree in near future.
5. The Act on the Marine Ecosystem Conservation and Management proposed by the MOMAF (Ministry of Maritime Affairs and Fisheries of ROK) is still on process in the National Assembly.

IX. Changes in species composition, habitat, genetic diversity

Because of no survey or investigation with an emphasis of the biological component of ecosystem conducted in whole Yellow Sea area yet, it is not possible to provide the scientific evidences for the change in species composition and genetic diversity in the coasts of Yellow Sea. However it is clear that the overall decrease of natural habitats which may change in species composition and their own natural spawning area since 1960's in the Republic of Korea. Since 2001, five MPAs have been established along the Korea side of the Yellow Sea coastal line. It may help to protect marine species from the change of the biological and genetic diversity in the Yellow Sea.

Annex I. Persons/Institutions

Name	Nationalities	Title	Specialty	Affiliation
Dr. Yoon Lee	Korea	Chair of YSLME-B, Director	Marine Microbiology	NFRDI
Dr. Rae Hong Jeong	Korea	Junior Researcher	Marine Benthos	NFRDI
Dr. Kyung Suk Seo	Korea	Manager	Marine Plankton	KIMST
Dr. Chul Park	Korea	Professor of Oceanography Department	Marine Plankton	Chungnam National University
Dr. Yoon Ho Lee	Korea	Senior Scientist	Genetics	KORDI
Dr. Sung Hwan Pae	Korea	Researcher	Sea Bird	KORDI
Dr. Keun Hyung Yook	Korea	Senior Scientist	Marine Ecology	KMI
Dr. Jong Duk Kim	Korea	Vice Research Commissioner	Coastal Conservation	KMI
Dr. Tae Won Lee	Korea	Professor of Oceanography Department	Fisheries	Chungnam National University
Dr. Han Kil Choi	Korea	Professor of Biology Department	Phycology	Wonkwang University
Dr. Chang Hee Lee	Korea	Manager	Marine Environment	KEI

Annex II. Websites visited or interviewed

Websites

<http://www.redlist.org>
<http://www.momaf.go.kr>
<http://www.mev.go.kr>
<http://www.nfrdi.re.kr>
<http://www.kordi.re.kr>
<http://www.kmi.re.kr>
<http://www.nier.re.kr>
<http://v29-122.icu.ac.kr>

Visited and/or interviewed

Drs. Joong –Yun Park, Jae-Bong Lee, Won-Deuk Yoon, Dong-Hyun Lim, Soo-Jung Chang, Jung-Rak Koh, Jin-Young Kim, Sun-Do Hwang, Hak-Jin Hwang

Annex III. List of references

See attached file

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Protected Area

Site Name (or ID)	Site Information (name)					Objectives of Protection	Area (ha)				Habitat			Community type	Human activities	Management institution				References	Remarks		
	Province	City or County	Description	Long	Lat		Total Area	Core Area	Buffer Area	Experiment Area	Map of Distribution	Type	Area	Trend	Important Species	Major Communities	Responsible Department	Date of Establishment (Approval Date)	Active Management	Staff No.	Monitoring Activities (Y/N)		
JangBong Island MPA	Incheon	OngJin	Biological diversity and migration birds habitat	NA		Coastal wetland preservation	6840				wetland		degrading			aquaculture, fisheries and tourism	MOMAF	03.12.31	enforcement		partly Y		
MooAn MPA	Junnam	MooAn	Geological features and biodiversity	NA		Coastal wetland preservation	3559				wetland		degrading			aquaculture, fisheries and tourism	MOMAF	01.12.28	enforcement		partly Y		
JinDo MPA	Junnam	JinDo	Landscape and migration birds habitat	NA		Coastal wetland preservation	124				wetland		degrading			aquaculture, fisheries and tourism	MOMAF	02.12.28	enforcement		partly Y		
SinDooRi MPA	Chungnam	TaeAn	representative sand dune and bio-	NA		Sand Dune ecosystem conservation	64				sand dune and sea water		degrading			tourism	MOMAF	02.10.9	enforcement		partly Y		
DaeljakDo MPA	Incheon	Ongjin	important habitat of fisheries resources	NA		Landscape and fisheries resources conservation	5570				sea water		degrading			fisheries and tourism	MOMAF	03.12.31	enforcement		partly Y		

Reclamation and Artificial Coastal Line

Name of Reclaimed Region	Site			Location (Ran)		Date	Reclamation Status	Natural Coastal Habitat			Artificial Coastal Habitat			Impact by Human Activities		References
	Province	City or County	Description	Long	Lat			habitat type	area km^2	length km	habitat type	area km^2	length km	rank 1	rank 2	
Incheon airport	Incheon			na	na			wetland, estuary	45	land				airport	tourism	
SongDo new town	Incheon			na	na			wetland	16	land				city development		
Shihwa	GyeongGi			na	na			wetland	180	not decided				industrial complex	agriculture	
DaeBooDo	GyeongGi			na	na			wetland	40	arable land				agriculture		
NamYang bay	GyeongGi			na	na			wetland	60	arable land				agriculture		
SeokMoon	ChungNam			na	na			wetland	38	arable land				agriculture		
ShinJin	ChungNam			na	na			wetland	15	arable land				agriculture		
SeoSan A, B	ChungNam			na	na			wetland	77	arable land				agriculture		
SeaManKeum	JeonBuk			na	na			wetland, estuary	208	arable land				not decided		
YoungSan 3-1	JeonNam			na	na			wetland, estuary	52	arable land				not decided		
YoungSan 3-2	JeonNam			na	na			wetland, estuary	40	arable land				not decided		
HaeNam	JeonNam			na	na			wetland	33	arable land				agriculture		
MyungJi-NokSan	Busan			na	na			estuary	6.5	industrial land				industrial complex		

Habitat Conversion

Functional Zoning

Vulnerable Species

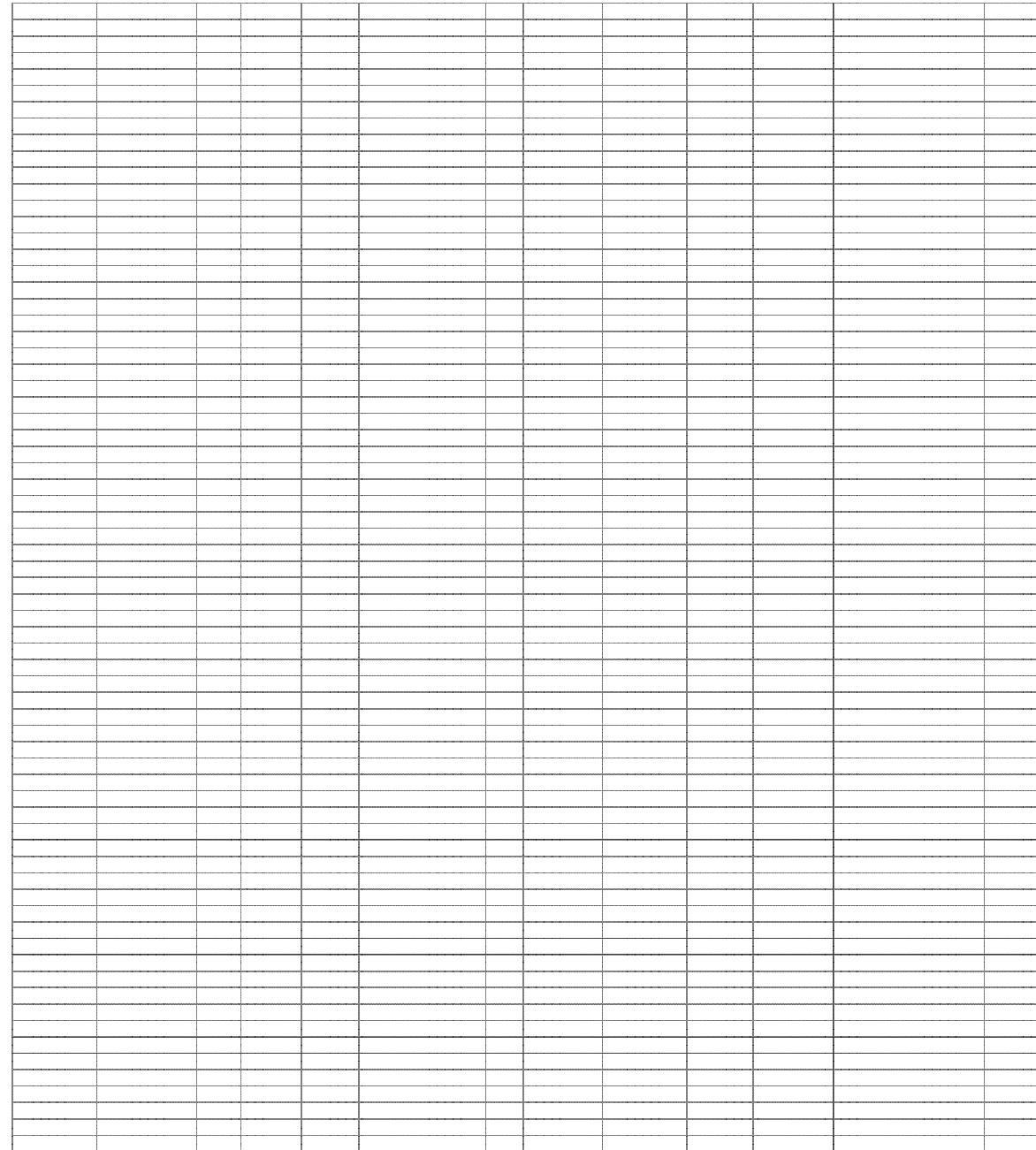
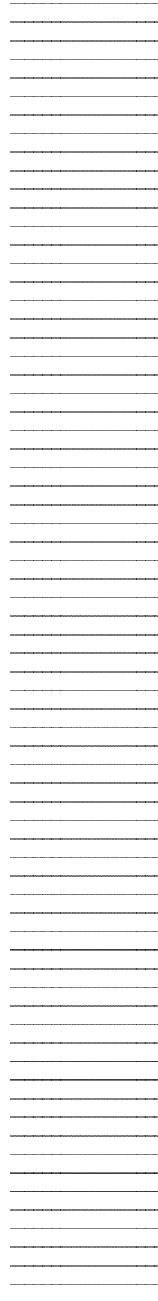
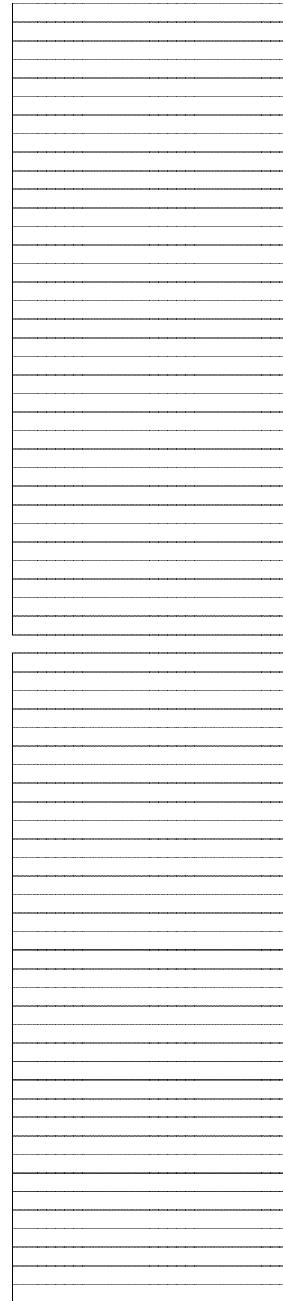
Endemic Species

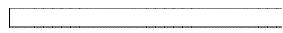
jeonnam sinan uido	Tugalina (Scelidotoma) vadossinuata honsoochoi Choe, Yoon &jangsusatgajgoe
Orthogastropoda, Vestigastropoda, Fissurellidae	Cranopsis pelex A. Adams, 1860
Orthogastropoda, Vestigastropoda, Turbinidae	Turbo (Lunella) coronata coreensis (Recluz, 1853)
Orthogastropoda, Vestigastropoda, Trochidae	Chlorostoma turbinata (A. Adams, 1853)
Orthogastropoda, Vestigastropoda, Trochidae	Omphalus rusticus rusticus (Gmelin, 1791)
Orthogastropoda, Vestigastropoda, Trochidae	Granata lyrata (Pilsbry, 1890)
Orthogastropoda, Vestigastropoda, Trochidae	Turica coreensis Pease, 1860
Orthogastropoda, Vestigastropoda, Trochidae	Monodonta (Monodonta) labio confusa Tapparone-Carelli, 18
Orthogastropoda, Vestigastropoda, Trochidae	Monodonta (Monodonta) australis (Lamarck, 1822)
Orthogastropoda, Vestigastropoda, Trochidae	Cwholeiostoma (Cwholeiostoma) komai (Shikama & Habe, 196
Orthogastropoda, Vestigastropoda, Trochidae	Cwholeiostoma (Cwholeiostoma) unicum (Dunker, 1860)
Orthogastropoda, Vestigastropoda, Trochidae	Umbonium (Umbonium) thomasi (Crosse, 1862)
Orthogastropoda, Vestigastropoda, Trochidae	Umbonium (Uchium) moniliferum (Lamarck, 1822)
Orthogastropoda, Vestigastropoda, Trochidae	Nerita (Heminerita) japonica (Dunker, 1860)
Orthogastropoda, Sorbeoconcha, Pleuroceridae	Semisulcospira teulatii (V. Martens, 1894)
Orthogastropoda, Sorbeoconcha, Potamididae	Cerithidea phizoporum A. Adams, 1855
Orthogastropoda, Sorbeoconcha, Battaliaridae	Batillaria cumingii (Crosse, 1862)
Orthogastropoda, Sorbeoconcha, Littorinidae	Littorina (Littorina) brevicula (Philippi, 1844)
Orthogastropoda, Sorbeoconcha, Littorinidae	Littoraria (Littorinopsis) scabra (Linnaeus, 1758)
Orthogastropoda, Sorbeoconcha, Iravadiidae	Iravadia (Pseudeonaria) yendoi (Yokoyama, 1927)
Orthogastropoda, Sorbeoconcha, Truncatellidae	Truncatella guerrini A. & J. B. Villa, 1841
Orthogastropoda, Sorbeoconcha, Truncatellidae	Truncatella pfeifferi v. Martens, 1860
Orthogastropoda, Sorbeoconcha, Haloceratidae	Haloceras japonicus Okutani, 1964
Orthogastropoda, Sorbeoconcha, Calyptraeidae	Crepidula (Ergaea) walshi (Reeve, 1859)
Orthogastropoda, Sorbeoconcha, Capulidae	Turritopsis turrita Habe, 1962
Orthogastropoda, Sorbeoconcha, Ovulidae	Xandarovalva xanthochila (Kuroda, 1929)
Orthogastropoda, Sorbeoconcha, Ovulidae	Apenovula takae Tate, 1973
Orthogastropoda, Sorbeoconcha, Triviidae	Proterato (Sulcerato) cwholeiosa (A. Adams & Reeve, 1850)
Orthogastropoda, Sorbeoconcha, Triviidae	Proterato (Sulcerato) pura Kuroda & Habe, 1971
Orthogastropoda, Sorbeoconcha, Naticidae	Lunaria fortunei (Reeve, 1855)
Orthogastropoda, Sorbeoconcha, Naticidae	Lunaria yokoyamai (Kuroda & Habe, 1952)
Orthogastropoda, Sorbeoconcha, Naticidae	Glossaulax didyma (Roding, 1798)
Orthogastropoda, Sorbeoconcha, Naticidae	Glossaulax didyma amplia (Philippi, 1849)
Orthogastropoda, Sorbeoconcha, Naticidae	Glossaulax didyma hayashii (Azuma, 1961)
Orthogastropoda, Sorbeoconcha, Naticidae	Glossaulax bicolor (Philippi, 1849)
Orthogastropoda, Sorbeoconcha, Naticidae	Glossaulax reiniana (Dunker, 1877)
Orthogastropoda, Sorbeoconcha, Naticidae	Natica gualtieriana Recluz, 1844
Orthogastropoda, Sorbeoconcha, Naticidae	Cryptonatica (Cryptonatica) ranzii (Kuroda, 1961)
Orthogastropoda, Sorbeoconcha, Naticidae	Cryptonatica (Silonica) janthostomoides (Kuroda & Habe, 1961)
Orthogastropoda, Sorbeoconcha, Naticidae	Eunatina papilla papilla (Gmelin, 1791)
Orthogastropoda, Sorbeoconcha, Cassidae	Phalium flammiferum (Roding, 1798)
Orthogastropoda, Sorbeoconcha, Triphoridae	Inforis alba (Kosuge, 1961)
Orthogastropoda, Sorbeoconcha, Cerithiopsidae	Ataxocerithium abnormalle (Sowerby III, 1903)
Orthogastropoda, Sorbeoconcha, Epitonidae	Cirsotrema (Cirsotrema) eximium (A. Adams & Reeve, 1850)
Orthogastropoda, Sorbeoconcha, Epitonidae	Gyroscalea (Pomiscala) perplexa (Pease, 1867)
Orthogastropoda, Sorbeoconcha, Epitonidae	Amaea (Amaea) thieli (Boury, 1913)
Orthogastropoda, Sorbeoconcha, Epitonidae	Amaea (Scalina) gazeoides Kuroda & Habe, 1961
Orthogastropoda, Sorbeoconcha, Epitonidae	Epitonium (Epitonium) syoichirai Masahito & Habe, 1976
Orthogastropoda, Sorbeoconcha, Epitonidae	Acrilla acuminata (Sowerby II, 1844)
Orthogastropoda, Sorbeoconcha, Epitonidae	Viciniscala pwholeasii (Kiener, 1834)
Orthogastropoda, Sorbeoconcha, Epitonidae	Laeviscala angusta (Dunker, 1861)
Orthogastropoda, Sorbeoconcha, Epitonidae	Glabriscala stigmatica (Pilsbry, 1911)
Orthogastropoda, Sorbeoconcha, Epitonidae	Glabriscala hayashii Habe, 1961
Orthogastropoda, Sorbeoconcha, Epitonidae	Spiniscala japonica (Dunker, 1861)
Orthogastropoda, Sorbeoconcha, Epitonidae	Spiniscala casta (Sowerby, 1887)
Orthogastropoda, Sorbeoconcha, Epitonidae	Cinctiscala eusculpta (Sowerby III, 1903)
Orthogastropoda, Sorbeoconcha, Epitonidae	Depressiscala aurita (Sowerby II, 1844)
Orthogastropoda, Sorbeoconcha, Epitonidae	Papyriscola yokoyamai (Suzuki & Ichikawa, 1936)
Orthogastropoda, Sorbeoconcha, Epitonidae	Papyriscola harimaensis Makiyama, 1924
Orthogastropoda, Sorbeoconcha, Eulimidae	Eulima bifascialis (A. Adams, 1863)
Orthogastropoda, Sorbeoconcha, Eulimidae	Melanella acicula (Gould, 1849)
Orthogastropoda, Sorbeoconcha, Eulimidae	Thycya crystallinola (Gould, 1846)
Orthogastropoda, Sorbeoconcha, Muricidae	Muricopsis (Murexulus) interserrata (Sowerby II, 1879)
Orthogastropoda, Sorbeoconcha, Muricidae	Ceratostoma burnetti (Adams & Reeve, 1850)
Orthogastropoda, Sorbeoconcha, Muricidae	Ceratostoma fournieri (Crosse, 1861)
Orthogastropoda, Sorbeoconcha, Muricidae	Ceratostoma fornicatum (Adams & Reeve, 1850)
Orthogastropoda, Sorbeoconcha, Muricidae	Ceratostoma inornatum (Recluz, 1851)
Orthogastropoda, Sorbeoconcha, Muricidae	Murex endemonia E. A. Smith, 1875
Orthogastropoda, Sorbeoconcha, Muricidae	Pteropurpura (Ocenebrillus) falcatata falcatata (Sowerby II, 1841)
Orthogastropoda, Sorbeoconcha, Muricidae	Pteropurpura (Ocenebrillus) edunca adunca (Sowerby I, 1834)
Orthogastropoda, Sorbeoconcha, Muricidae	Thais (Reishia) bronni (Dunker, 1860)
Orthogastropoda, Sorbeoconcha, Muricidae	Thais (Reishia) clavigera (Kuster, 1860)
Orthogastropoda, Sorbeoconcha, Muricidae	Rapana venosa venosa (Valestiniences, 1846)
Orthogastropoda, Sorbeoconcha, Muricidae	Rapana venosa pechiliensis Grabau & King, 1928
Orthogastropoda, Sorbeoconcha, Buccinidae	Japelion metapeltion latus (Dwight, 1918)
Orthogastropoda, Sorbeoconcha, Buccinidae	Neptunea (Barbitonia) cumingii Crosse, 1862
Orthogastropoda, Sorbeoconcha, Buccinidae	Neptunea (Barbitonia) subtilatula Yen, 1936
Orthogastropoda, Sorbeoconcha, Buccinidae	Cantharus ecclisi (Philippi, 1844)
Orthogastropoda, Sorbeoconcha, Buccinidae	Buccinum yokoyamai Yamashita & Habe, 1965
Orthogastropoda, Sorbeoconcha, Buccinidae	Volutularia ampullacea perryi (Jay, 1856)

Orthogastropoda, Sorbeoconcha, Columbellidae	Mitrella bicincta (Gould, 1860)	borimureuk	Incheon Baengnyeong-do island ,Chungnam Taean-gun
Orthogastropoda, Sorbeoconcha, Nassariidae	Telasco reeveana reeveana (Dunker, 1847)	heukjopssalmunugodung	Jeonbuk Gochang-gun ,Gyeongnam Namhae
Orthogastropoda, Sorbeoconcha, Nassariidae	Zeuxis noguchi Habe, 1958	dorangjopssalmunugodung	Chungnam Taean-gun Chaeseokpo
Orthogastropoda, Sorbeoconcha, Nassariidae	Varicinasa varicifera (A. Adams, 1852)	eondeokjopssalmunugodung	Chungnam Taean-gun ,Jeonbuk Gochang-gun
Orthogastropoda, Sorbeoconcha, Nassariidae	Hima Reticunassa festiva (Powsy, 1833)	wangjopssalmunugodung	Incheon Deokjeok-do island ,Incheon
Orthogastropoda, Sorbeoconcha, Nassariidae	Hima fuscolineata (E. A. Smith, 1875)	galsaejkiljopssalmunugodung	Jeonbuk Gunsan-si Seonyu-do island
Orthogastropoda, Sorbeoconcha, Nassariidae	Hima fratercula fratercula (Dunker, 1860)	geomunjujopssalmunugodung	Chungnam Taean-gun ,Jeonnam
Orthogastropoda, Sorbeoconcha, Nassariidae	Hima fratercula hiradoensis (Pilsbry, 1904)	iranmunugodung	Chungnam Taean-gun ,Jeonnam
Orthogastropoda, Sorbeoconcha, Volutidae	Fulgaria (Psephaea) kaneko kaneko Hirase, 1922	hongjulgodung	Chungnam Taean-gun ,Jeonbuk Gochang-gun
Orthogastropoda, Sorbeoconcha, Olividae	Oliva (Musteloliva) mustelina mustelina Lamarck, 1811	daechugodung	Whole area
Orthogastropoda, Sorbeoconcha, Olividae	Olivella fortunei japonica Pilsbry, 1895	bamsaettigodung	Chungnam Taean-gun ,Gyeongnam Namhae
Orthogastropoda, Sorbeoconcha, Olividae	Olivella fulgurata (A. Adams & Reeve, 1850)	ginbamsaettigodung	Chungnam Seocheon-gun
Orthogastropoda, Sorbeoconcha, Mitridae	Mitra (Mitra) chinensis Griffith & Pidgeon, 1834	myeongjubutgodung	Chungnam Taean-gun ,Seocheon-gun
Orthogastropoda, Sorbeoconcha, Cancillariidae	Syphadra spengleriana (Deshayes, 1830)	gamsaengigodung	Chungnam ,Jeonbuk Gochang-gun
Orthogastropoda, Sorbeoconcha, Turridae	Scalptia (Scalptia) scalariformis (Lamarck, 1822)	waegamsaengi	Chungnam ,Jeonbuk Gochang-gun
Orthogastropoda, Sorbeoconcha, Turridae	Brachytoma tuberosa (E. A. Smith, 1875)	tijureoncheongigodung	Chungnam Taean-gun
Orthogastropoda, Sorbeoconcha, Turridae	Gemmula (Unedogemmla) deshayesi (Doutmet, 1839)	keuneoncheongigodung	Incheon Deokjeok-do island ,Chungnam Taean-gun
Orthogastropoda, Sorbeoconcha, Turridae	Ptychobela flavidula (Lamarck, 1822)	gulegeuncheoneocheongigodung	Chungnam Taean ,Jeonbuk Gochang ,Jeonnam Wan-do island
Orthogastropoda, Sorbeoconcha, Turridae	Paradrilla patruelis (E. A. Smith, 1875)	ginkkokigodung	Chungnam Taean ,Gyeongnam Geuje-do island
Orthogastropoda, Sorbeoconcha, Turridae	Paradrilla inconstans (E. A. Smith, 1875)	kkomakkokjigodung	Incheon Deokjeok-do island ,Chungnam Taean-gun
Orthogastropoda, Sorbeoconcha, Turridae	Inquisitor jeffreysi (E. A. Smith, 1875)	dampunggodung	Chungnam Taean -gun
Orthogastropoda, Sorbeoconcha, Turridae	Inquisitor vulpinus Kuroda & Oyama, 1971	banjinidanpunggodung	Chungnam Taean -gun ,Seocheon-gun
Orthogastropoda, Sorbeoconcha, Turridae	Inquisitor alabaster (Reeve, 1843)	ttibonghapanpunggodung	Chungnam Taean -gun ,Seocheon -gun
Orthogastropoda, Sorbeoconcha, Turridae	Inquisitor angustus Kuroda & Oyama, 1971	ppyojoktadapunggodung	Chungnam Taean -gun ,Seocheon -gun
Orthogastropoda, Sorbeoconcha, Turridae	Tomopleura pouloensis Jousseaume, 1883	yeopjupureoncheongigodung	Chungnam Taean -gun ,Seocheon -gun
Orthogastropoda, Sorbeoconcha, Turridae	Etrema (Etrema) gainesis (Pilsbry, 1895)	bamsaekkomaencheongigodung	Jeonbuk Gunsan-si ,Gyeongnam Geuje-do island
Orthogastropoda, Sorbeoconcha, Turridae	Pseudoeotrema fortillata (E. A. Smith, 1879)	gyeokjagodung	Chungnam Taean Chaeseokpo
Orthogastropoda, Sorbeoconcha, Turridae	Paracalathurella gracilenta (Reeve, 1843)	pomongmuniukkomaencheongigodung	Chungnam Taean-gu Chaeseokpo
Orthogastropoda, Sorbeoconcha, Turridae	Philibertia (Pseudodaphnella) leuckarti (Dunker, 1860)	galsaejkomaencheongigodung	Jeonbuk Gunsan-si Seonyu-do island ,Jeju
Orthogastropoda, Sorbeoconcha, Terebridae	Terebra bathyrhaphes E. A. Smith, 1875	guseulsonggottgodung	Chungnam ,Jeonbuk Gochang -gun
Orthogastropoda, Sorbeoconcha, Terebridae	Terebra awajensis Pilsbry, 1904	janjureumsonsgottgodung	Chungnam Taean -gun ,Seocheon -gun
Orthogastropoda, Sorbeoconcha, Terebridae	Terebra taylori Reeve, 1844	geomneunbrasonggottgodung	Chungnam ,Jeonbuk Gochang -gun
Orthogastropoda, Sorbeoconcha, Terebridae	Duplancaria evoluta (Deshayes, 1859)	sokjaesonggottgodung	Chungnam Taean -gun ,Jeonbuk Gochang -gun
Orthogastropoda, Sorbeoconcha, Terebridae	Duplancaria recticostata (Yokoyama, 1920)	gojeunjulsonggottgodung	Chungnam Taean -gun ,Jeonbuk Gochang -gun
Orthogastropoda, Sorbeoconcha, Terebridae	Duplancaria latissulcata (Yokoyama, 1922)	gojeunhuinjulsonggottgodung	Chungnam Taean -gun Chaeseokpo
Orthogastropoda, Sorbeoconcha, Terebridae	Duplancaria koreana (Yoo, 1976)	gounmunuisonggottgodung	Incheon Deokjeok-do island ,Chungnam ,Jeonbuk
Orthogastropoda, Sorbeoconcha, Terebridae	Duplancaria albozonata (E. A. Smith, 1875)	hunitisonggottgodung	Chungnam Taean -gun Chaeseokpo
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Orinella dunkeri (Dworschak & Bartsch, 1906)	galsaektithoeorigodung	Chungnam Taean -gun ,Gyeongnam Geuje-do island
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Eulimella marmorea Hot & Tsuchida, 1996	daeriseokoeorigodung	Chungnam Taean -gun Chaeseokpo
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Odostomia aomori Nomura, 1938	durumhoeorigodung	Jeonbuk Gunsan-si Seonyu-do island
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Odostomia profundioperforata Nomura, 1937	baekkopoeorigodung	Incheon Jagyak-do island
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Agatha virgo (A. Adams, 1860)	ippalhoeorigodung	Jeonbuk Buan -gun Wi-do island
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Agatha lepidula Habe, 1961	jwholeoktthoeorigodung	Chungnam Taean -gun ,Jeju Nameju -gun
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Chemnitzia multigira (Dunker, 1882)	seromulyeojujhoeorigodung	Chungnam Taean -gun ,Jeju Nameju -gun
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Paramormula paucicostulata (Tokunaga, 1906)	gulgeunjulgihoeorigodung	Chungnam Taean -gun ,Jeonbuk Buan -gun Wi-do island
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Zaphella elegantula (A. Adams, 1860)	metojaengitapoeorigodung	Jeonbuk Buan -gun Wi-do island
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Monotryma exima (Lischke, 1872)	gaenueunghoeorigodung	Chungnam Taean Sambong ,Jeonbuk Gochang -gun
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Monotryma amena (A. Adams, 1853)	jangorimyeongjigodung	Jeonbuk Gunsan-si Seonyu-do island
Orthogastropoda, Sorbeoconcha, Pyramidelidae	Japanactea nipponensis (Yamakawa, 1911)	jeomchagwangolbaengi	Chungnam Taean ,Jeonbuk Gunsan-si Seonyu-do island
Orthogastropoda, Architectibranchia, Acteonidae	Acteonidea (Strigopupa) strigosa strigosa (Gould, 1859)	bijagodung	Incheon Deokjeok-do island ,Jeonnam
Orthogastropoda, Architectibranchia, Acteonidae	Pupa (Strigopupa) strigosa strigosa (Gould, 1859)	eonecheongidutimpulsulgodung	Chungnam Buan -gun Wi-do island
Orthogastropoda, Architectibranchia, Ringiculidae	Ringicula (Ringicula) niimi Nomura, 1939	dtutumipsulgodung	Chungnam Taean -gun Jeju Nameju -gun
Orthogastropoda, Architectibranchia, Ringiculidae	Ringicula (Ringiculina) dolaris Gould, 1860	nopeuntapsalarigodung	Chungnam Taean -gun Jeju Nameju -gun
Orthogastropoda, Cephalaspidea, Retusidae	Retusa (Decolifer) longispirata (Yamakawa, 1911)	durumgwangodung	Incheon Yeongjongdo
Orthogastropoda, Cephalaspidea, Cylichnidae	Cylichna consobrina (Gould, 1859)	ppgalganipsulgawangodung	Incheon Taean-gu , Gyeongnam Geuje-do island
Orthogastropoda, Cephalaspidea, Cylichnidae	Eoclylichna braunsi (Yokoyama, 1920)	keunkokkjiminchaeangi	Incheon ,Chungnam Taean -gun Jeonbuk
Orthogastropoda, Cephalaspidea, Acteonidae	Acteonidea (Acteocina) exilis (Dunker, 1860)	minchaengi	Incheon Baengnyeong-do island ,Jeju
Orthogastropoda, Cephalaspidea, Haminoeidae	Bullacta exarata (Philippi, 1848)	kkomagorangtakgaebi	Chungnam Taean -gun ,Gyeongbuk Uijin -gun
Orthogastropoda, Basommatophora, Siphonariidae	Siphonaria (Siphonaria) rucuana Pilsbry, 1904	gorangtakgaebi	Chungnam Taean -gun Jeonbuk Gochang ,Jeonnam
Orthogastropoda, Basommatophora, Siphonariidae	Siphonaria (Siphonaria) sacculus (Sacculusiphonaria) japonica (Donovan, 1824)	najeuntaopdochugwigodung	Seohae ,Namhae
Orthogastropoda, Eupulmonata, Ellobiidae	Melampus (Melampus) sincaporense Pfeiffer, 1855	yeppeunihodujogae	Seohae ,Namhae
PROTOBRANCHIA, Nuculoida, Nuculidae	Lamellinucula tokyoensis (Yokoyama, 1920)	aehodujogae	Seohae ,Namhae
PROTOBRANCHIA, Nuculoida, Nuculidae	Aclia (Truncalia) insignis (Gould, 1861)	bukbanghodujogae	Seohae
PROTOBRANCHIA, Nuculoida, Nuculidae	Enucula tenuis (Montagu, 1808)	ginbandaljogae	Namhae, Seohae
PROTOBRANCHIA, Nuculoida, Yoldiidae	Yoldia (Yoldia) similis Kuroda & Habe, 1961		

PROTOBRANCHIA, Nuculida, Yoldiidae	Yoldia (Cnesterium) notabilis Yokoyama, 1922	ppyojogyeondumaepsijogae	Chungnam Taean-gun Chaeseokpo
PROTOBRANCHIA, Nuculida, Yoldiidae	Yoldia (Cnesterium) johanni Dwhole, 1925	yeondumaepsijogae	Incheon Baengnyeong-do island, Chungnam Taean-gun
PROTOBRANCHIA, Nuculida, Yoldiidae	Portlandia japonica (Adams & Reeve, 1850)	yalbeunbandajogae	Seohae
PROTOBRANCHIA, Nuculida, Yoldiidae	Nuculana (Thestelyoides) yokoyamai arai Habe, 1958	gobeoeseonmaepsijogae	Seohae
PTERIOMORPHIA, Mytilidae	Mytilus gwaleoprovincialis Lamarck, 1819	jijunghaedamchi	Incheon Songdo, Chungnam Taean-gun Sambong
PTERIOMORPHIA, Mytilidae	Mytilus coruscus Gould, 1861	honghap	Chungnam Boryeong-si Taean-gun Chaeseokpo
PTERIOMORPHIA, Mytilidae	Modiolus (Modiolus) kurilensis Bernard, 1983	teoldamchi	Chungnam Taean-gun Sambong, Gyeongnam Namhae
PTERIOMORPHIA, Mytilidae	Modiolus (Modiolus) agricetus (Iredale, 1939)	gaejeokgu	Chungnam Taean-gun Sambong, Jeonbuk Gunsan-si
PTERIOMORPHIA, Mytilidae	Modiolus (Modiolus) elongata Swanson, 1821	bidandamchi	Chungnam Taean-gun Yeonpo, Jeonbuk Goheung-gun
PTERIOMORPHIA, Mytilidae	Xenostrobus australis (Lischke, 1871)	waehonghap	Chungnam Taean-gun, Jeonnam Uido island
PTERIOMORPHIA, Mytilidae	Musculista senhousia (Benson, 1842)	jongmit	Chungnam Taean-gun Yeonpo, Jeonnam
PTERIOMORPHIA, Arcoida, Arcidae	Arcia avellana Lamarck, 1819	doljogae	Chungnam Seocheon-gun, Jin-do island, Gyeongnam Namhae
PTERIOMORPHIA, Arcoida, Arcidae	Arcia boucardi Jousseaume, 1894	ginmemodoljogae	Chungnam Seocheon-gun Biin Chunjangdae
PTERIOMORPHIA, Arcoida, Arcidae	Barbatia (Savignyaria) virescens (Reeve, 1844)	bokteoljogae	Chungnam Taean-gun, Jeonbuk Gochang-gun
PTERIOMORPHIA, Arcoida, Arcidae	Nipponastra bistriata (Dunker, 1866)	dujuldoljogae	Jeonbuk Gochang-gun, Jeonnam Uido island
PTERIOMORPHIA, Arcoida, Arcidae	Scapharca inaequivalvis (Bruguire, 1789)	eogeumullinsaekkomak	Chungnam Taean-gun, Jeonbuk Gochang-gun
PTERIOMORPHIA, Arcoida, Arcidae	Scapharca broughtonii (Schrenck, 1867)	piljogae	Chungnam Taean-gun
PTERIOMORPHIA, Arcoida, Arcidae	Scapharca sativa Dunker, 1882	keunirangpjogae	Chungnam Taean-gun, Jeonbuk Gochang-gun
PTERIOMORPHIA, Arcoida, Arcidae	Scapharca subcrenata (Lischke, 1869)	saeakkomak	Incheon Deokjeok-do island, Chungnam Taean-gun
PTERIOMORPHIA, Arcoida, Arcidae	Tegillarca granosa (Linnaeus, 1758)	kkomak	Incheon Jeonnam Goheung-gun
PTERIOMORPHIA, Arcoida, Noetiidae	Didimacra tenebrica (Reeve, 1844)	biroduebokteoljogae	Chungnam Taean-gun, Jeonbuk Gochang-gun
PTERIOMORPHIA, Arcoida, Pinnidae	Atrina (Servatrina) pectinata (Linnaeus, 1767)	kijogae	Incheon, Chungnam Taean-gun, Jeonnam
PTERIOMORPHIA, Limoida, Limidae	Limaria (Limaria) orientalis (Adams & Reeve, 1850)	gaeunjulgaegaribi	Chungnam Taean-gun, Jeonnam Uido island
PTERIOMORPHIA, Ostreida, Ostreidae	Ostrea denselamellosa Lischke, 1869	togul	Chungnam Taean-gun, Jeju Namjeju-gun
PTERIOMORPHIA, Ostreida, Ostreidae	Crassostrea gigas (Thunberg, 1793)	gul	Whole area
PTERIOMORPHIA, Ostreida, Pectinidae	Chlamys (Scaeochlamys) irregularis (Sowerby II, 1842)	jjakgwibidangaribi	Chungnam Taean-gun Yeonpo
PTERIOMORPHIA, Ostreida, Pectinidae	Chlamys (Mimachlamys) nobilis (Reeve, 1852)	heunhangaribi	Incheon Baengnyeong-do island, Jeonnam Jin-do island
PTERIOMORPHIA, Ostreida, Pectinidae	Chlamys (Azumapecten) farreri farrei (Jones & Preston, 1904)	paraeigaribi	Chungnam Taean-gun, Geomundo
PTERIOMORPHIA, Ostreida, Pectinidae	Chlamys (Azumapecten) farreri nipponensis (Kuroda, 1932)	bidangaribi	rarely Chungnam Taean-gun, Yeonpo
PTERIOMORPHIA, Ostreida, Pectinidae	Chlamys (Azumapecten) lemniscata (Reeve, 1853)	binueubidangaribi	Chungnam Taean-gun, Gyeongnam Geoje
PTERIOMORPHIA, Ostreida, Amoniidae	Monia macroschisma (Deshayes, 1839)	dujeomjamjaengi	Chungnam Taean-gun, Gangwon Goseong-gun
Heterodontia, Venerida, Lucinidae	Anodontia stevensiana Oyama, 1954	jureumgongjogae	Jeonbuk Gunsan-si Seonyudo island, Jeonnam
Heterodontia, Venerida, Ungulinidae	Cycladiciama cumingii (Hanley, 1844)	norangbollkjogae	Chungnam, Jeonbuk Gochang-gun, Jeonnam Goheung-gun
Heterodontia, Venerida, Ungulinidae	Felanella (Felanella) usta (Gould, 1861)	galsaekdolsarijogae	Incheon Baengnyeong-do island, Chungnam Taean-gun
Heterodontia, Venerida, Ungulinidae	Felanella (Felanella) sowerbyi Kuroda & Habe, 1952	kkomadolsarijogae	Incheon Deokjeok-do island, Jeonbuk Gunsan-si
Heterodontia, Venerida, Lasaeidae	Lasaea undulata (Gould, 1861)	jokssarijogae	Incheon Jayak-do island, Chungnam Taean-gun
Heterodontia, Venerida, Kelliidae	Paraborniola matsumotoi Habe, 1958	yalebeungningjaedebobusarijogae	Jeonbuk Buan-gun Wi-do island
Heterodontia, Venerida, Kelliidae	Nesobornia bulla (Gould, 1861)	banjinjgaaedebobusarijogae	Jeonbuk Gunsan-si Seonyudo island, Jeju
Heterodontia, Venerida, Carditidae	Megacardita ferruginea (Adams & Reeve, 1850)	galsaekgorangjogae	Chungnam Taean-gun, Jeonnam
Heterodontia, Venerida, Carditidae	Fulvia mutica (Reeve, 1844)	saejogae	Chungnam Seosan-gun, Geoje-do
Heterodontia, Venerida, Mactridae	Mactra (Mactra) chinensis Philippi, 1846	gaeryangjogae	Chungnam Taean-gun, Gyeongnam Namhae
Heterodontia, Venerida, Mactridae	Mactra (Mactra) veneriformis Reeve, 1854	dongjuk	Chungnam Taean-gun, Jeonbuk Gunsan-si
Heterodontia, Venerida, Mactridae	Coleomactra antiquata (Spengler, 1802)	myeongulgayaeryangjogae	Chungnam Taean-gun, Jeonbuk Buan-gur
Heterodontia, Venerida, Mactridae	Mactrinula dolabrata (Deshayes, 1854)	beoseonjogae	Chungnam Taean-gun, Chaeseokpo
Heterodontia, Venerida, Mactridae	Ræta (Raeta) pellicula (Deshayes, 1854)	jammulgeoryareungaeryangjogae	Jeonbuk Gochang-gun, Chungnam Taean-gun
Heterodontia, Venerida, Mactridae	Rætella pulchella (Adams & Reeve, 1850)	swaegearyangjogae	Chungnam Taean-gun, Sambong, Jeonnam
Heterodontia, Venerida, Mesodesmatidae	Cocellia chinensis Deshayes, 1855	toejogae	Chungnam Taean-gun, Jeonnam Boseong-gun
Heterodontia, Venerida, Pharidae	Siliqua pulchella (Dunker, 1852)	kkomaboramajogae	Chungnam Taean-gun, Jeonbuk Gochang-gun
Heterodontia, Venerida, Pharidae	Cultellus attenuatus Dunker, 1861	bidangarimat	Chungnam Taean-gun, Jeonbuk Yeonggwang-gun
Heterodontia, Venerida, Pharidae	Sinonovacula constricta (Lamarck, 1818)	garimatjogae	Chungnam Taean-gun, Incheon Yeongjongdo
Heterodontia, Venerida, Solenidae	Solen (Solen) strictus Gould, 1861	maljogae	Chungnam Taean-gun, Incheon Songdo
Heterodontia, Venerida, Solenidae	Solen (Solen) gordoni Yokoyama, 1920	bulgeunmat	Chungnam Taean-gun, Jeonnam Jin-do island
Heterodontia, Venerida, Solenidae	Solen (Solen) grandis Dunker, 1861	daematjogae	Chungnam Taean-gun, Jeonbuk Gusepo
Heterodontia, Venerida, Tellinidae	Tellinella radians (Deshayes, 1855)	haedoljeopsijogae	Chungnam Taean-gun, Jeonnam Chaeseokpo
Heterodontia, Venerida, Tellinidae	Tellinella staurella (Lamarck, 1818)	taeyangjeopsijogae	Jeonbuk Gochang-gun, Chungnam Taean-gun
Heterodontia, Venerida, Tellinidae	Angulus vestitulus (Yokoyama, 1920)	eunbaeksaejeopsijogae	Chungnam Taean-gun, Jeonnam Uido island
Heterodontia, Venerida, Tellinidae	Merisca (Pistris) capsoidea (Lamarck, 1818)	wajejeopsijogae	Jeonbuk Muang-gun
Heterodontia, Venerida, Tellinidae	Semelangulus tokubet Habe, 1961	jageundaiyangjogae	Chungnam Taean-gun, Jeonnam Uido island
Heterodontia, Venerida, Tellinidae	Moerella jedoensis (Lischke, 1872)	bunhongjeopsijogae	Seohae
Heterodontia, Venerida, Tellinidae	Moerella rutila (Dunker, 1860)	mittijejeopsijogae	Jeonbuk Gochang-gun, Jeonnam Yeonggwang-gun
Heterodontia, Venerida, Tellinidae	Bathytellina abyssicola (Habe, 1958)	[ganeunkoryialbeurjeopsijogae]	Chungnam Taean-gun Chaeseokpo

Heterodonta, Veneroida, Tellinidae	Nitidotellina hokkaidensis (Habe, 1961)	bulgeunjuljeopsijogae	Chungnam Taean-gun, Jeonbuk Gochang-gun						
Heterodonta, Veneroida, Tellinidae	Nitidotellina minuta (Lischke, 1872)	jinjujeopsijogae	Jeonbuk Gochang-gun, Jeonnam Uido island						
Heterodonta, Veneroida, Tellinidae	Heteromacoma irus (Hanley, 1845)	daeyangjogae	Chungnam Taean-gun Sambong						
Heterodonta, Veneroida, Tellinidae	Macoma (Macoma) praetexta (Martens, 1865)	yalbeundaejangjogae	Chungnam Taean-gun Yeonpo						
Heterodonta, Veneroida, Tellinidae	Macoma (Macoma) tokyoensis Makiyama, 1927	norangkokjidaejangjogae	Chungnam Taean-gun						
Heterodonta, Veneroida, Tellinidae	Macoma (Macoma) incongrua (Martens, 1865)	aegidaejangjogae	Chungnam Taean-gun, Jin-do Island						
Heterodonta, Veneroida, Tellinidae	Reithraerus sector Oyama, 1950	hundaeyejangjogae	Chungnam Taean-gun, Gyeongnam Namhae						
Heterodonta, Veneroida, Psammobiidae	Nuttwholeia japonica (Deshayes, 1857)	bitipogae	Incheon Deokjeok-do island, Chungnam Taean-gun						
Heterodonta, Veneroida, Solecurtidae	Solecurtus divaricatus (Lischke, 1869)	dweajigaramat	Chungnam Taean-gun, Jeonbuk Gunsan-si Seonyudo island						
Heterodonta, Veneroida, Trapezidae	Trapezium (Neotrapezium) liratum (Reeve, 1843)	dolgbuji	Chungnam Taean-gun, Jeonnam						
Heterodonta, Veneroida, Veneridae	Protothaca (Notochone) jedensis (Lischke, 1874)	salogaes	Chungnam Taean-gun, Incheon Baengnyeong-do island						
Heterodonta, Veneroida, Veneridae	Pitar (Pitarina) sulfureum Pilsby, 1904	soebaeak	Chungnam Taean-gun, Jeonbuk Gochang-gun						
Heterodonta, Veneroida, Veneridae	Saxidomus purpurata (Sowerby II, 1852)	gaojqae	Whole area						
Heterodonta, Veneroida, Veneridae	Phiacosoma japonicus (Reeve, 1850)	tteokjogae	Chungnam Taean-gun Cheongpodae						
Heterodonta, Veneroida, Veneridae	Phiacosoma abyssicolum (Habe, 1961)	buriteekjogae	Chungnam Taean-gun Bangpo						
Heterodonta, Veneroida, Veneridae	Dosinella corrugata (Reeve, 1850)	jureumteokjogae	Chungnam Taean-gun Yeonpo						
Heterodonta, Veneroida, Veneridae	Dosinella subulata (E. A. Smith, 1916)	manwolteokjogae	Chungnam Taean-gun Bangpo						
Heterodonta, Veneroida, Veneridae	Ruditapes philippinarum (Adams & Reeve, 1850)	bajirak	Whole area						
Heterodonta, Veneroida, Veneridae	Gomphina (Macridiscus) veneriformis (Lamarc, 1818)	daebok	Chungnam Taean-gun, Gyeongnam Namhae						
Heterodonta, Veneroida, Veneridae	Cyclonetta menstrualis (Menke, 1843)	bidanbaekap	Gyeonggi Deokjeok-do island, Chungnam Taean-gun						
Heterodonta, Veneroida, Veneridae	Meretrix lamarckii Gray, 1853	minmunuibaeak	Chungnam Taean-gun Sambong						
Heterodonta, Veneroida, Veneridae	Meretrix petechialis Lamarck, 1818	malbaekap	Jeonbuk Gochang-gun, Buan-gun						
Heterodonta, Veneroida, Veneridae	Cyclina sinensis (Gmelin, 1791)	gamurakjogae	Incheon Songdo, Gyeongnam Namhae						
Heterodonta, Veneroida, Veneridae	Clementina batheleti Mabille, 1901	halmjogae	Chungnam Taean-gun, Jeonbuk Gochang-gun						
Heterodonta, Veneroida, Glauconomyidae	Glaucomena chinensis Gray, 1828	gaesaeksaealjogae	Chungnam Taean-gun Sambong, Jeonnam						
Heterodonta, Myoida, Myidae	Mya (Arenomya) arenaria onoigai Makiyama, 1935	ureok	Jeonbuk Gunsan-si Seonyudo island, Chungnam Taean-gun						
Heterodonta, Myoida, Myidae	Cryptomya elliptica (A. Adams, 1851)	kkomaureok	Jeonbuk Gochang-gun						
Heterodonta, Myoida, Pholididae	Barnea (Anchomasa) manilensis inornata Pilsby, 1895	dolmatjogae	Chungnam Taean-gun Sambong						
Heterodonta, Myoida, Pholididae	Barnea (Anchomasa) davidi (Deshayes, 1874)	dunggeuleojogae	Incheon Yeongjongdo, Jeonbuk Gochang-gun						
Heterodonta, Myoida, Pholididae	Barnea (Umitakea) dilatata (Souleyet, 1843)	ujulji	Incheon Yeongjongdo, Chungnam Taean-gun						
Heterodonta, Myoida, Pholididae	Zirfaea subconstricta (Yokoyama, 1924)	seokgongjogae	Chungnam Taean-gun Sambong						
Anomalodesmata, Pholadomyida, Laternulidae	Laternula (Laternula) anatina (Linnaeus, 1758)	unmognogae	Chungnam Taean-gun, Jeonbuk Gimje-gun						
Anomalodesmata, Pholadomyida, Laternulidae	Laternula (Laternula) boschiana (Valenciennes, 1860)	sottijgae	Jeonbuk Gochang, Jeonnam Muuan-gun						
Anomalodesmata, Pholadomyida, Laternulidae	Laternula (Exolaternula) truncata (Lamarck, 1818)	neolbeunibunmognogae	Chungnam Taean-gun, Jeonbuk Gimje-gun						
Anomalodesmata, Pholadomyida, Laternulidae	Laternula (Exolaternula) marilina (Reeve, 1863)	ttijgogae	Jeonbuk Gimje, Jeonnam Muuan-gun						
Anomalodesmata, Pholadomyida, Lyonsiidae	Agirodesma navicula (A. Adams & Reeve, 1850)	anjogindaejogae	Chungnam Taean-gun, Saenggeumpo, Chaeseokpo						
Anomalodesmata, Pholadomyida, Cuspidariidae	Cuspidaria (Cuspidaria) hindsiana (A. Adams, 1864)	deungjireumgukjogae	Chungnam Seocheon-gun, Taean-gun, Jeonbuk Gochang-gun						
Anomalodesmata, Pholadomyida, Cuspidariidae	Cuspidaria (Cuspidaria) kurohiji Utakani, 1972	birodugukjajogae	Chungnam Taean-gun, Jeonbuk Gochang-gun						
CEPHALOPODA, Sepioidea, Sepidae	Sepia (Acanthosepion) iycidas Gray, 1849	ipsulgabojingeo	Chungnam Taean-gun, Jeonbuk Gimje, Jeonnam Muuan-gun						
CEPHALOPODA, Sepioidea, Sepidae	Sepia (Platysesia) esculenta Hoyle, 1885	chamgabojingeo	Chungnam Taean-gun, Sambong						
CEPHALOPODA, Sepioidea, Sepidae	Sepia (Platysesia) makodai Adam, 1939	baneulgabojingeo	Chungnam Taean-gun, Jeonbuk Gochang-gun						
CEPHALOPODA, Sepioidea, Sepidae	Sepiella japonica Sasaki, 1929	soegabojingeo	Chungnam Taean Yeonpo						
CHLOROPHYCEAE, ULOTRICHALES, Ulvaceae	Ulva pertusa Kjellman	Sea-alttuce	gumeonggalparae	whole					
CHLOROPHYCEAE, ULOTRICHALES, Ulvaceae	Enteromorpha prolifera J Agardh	gasiparae		whole					
CHLOROPHYCEAE, ULOTRICHALES, Ulvaceae	Enteromorpha compressa Greville	najipakparae		whole					
CHLOROPHYCEAE, ULOTRICHALES, Ulvaceae	Enteromorpha intestinalis Link	Link confertii	changjaparae	whole					
CHLOROPHYCEAE, ULOTRICHALES, Ulvaceae	Enteromorpha limza J Agardh	ippaparae		whole					
CHLOROPHYCEAE, CLADOPHRALES, Cladop Cladophora albida Kuetzing		sonkeulladopora		whole					
CHLOROPHYCEAE, CLADOPHRALES, Cladop Cladophora pusilla Sakai		aegikeulladopora		Eocheongdo Is.					
CHLOROPHYCEAE, SIPHONALES, Bryopsidaceae	Bryopsis plumosa C. Agardh	gitteolmal		whole					
CHLOROPHYCEAE, SIPHONALES, Codiaceae	Codium adhaerens C. Agardh	tteokcheonggak		whole					
CHLOROPHYCEAE, SIPHONALES, Codiaceae	Codium fragile Hariot	Sea staghorn	cheonggak	whole					
CHLOROPHYCEAE, SIPHONALES, Codiaceae	Codium coarctatum Okamura	nuuncheonggak		Eocheongdo Is., Heuksando Is.					
ISOGENERATAE, ECTOCARPALES, Ectocarpac Ectocarpus confervoides Le Jolis		sirekeutokareupuseu		whole					
ISOGENERATAE, SPHAELARIALES, Sphaelat Sphaelalaria yamadae Segawa		yamadaseupasellaria		Eocheongdo Is.					
ISOGENERATAE, DICTYOTALES, Dictyotaceae	Dictyota dichotoma Lamouroux	dikieuotiota		whole					
HETERGENERATAE, CHORDARIALES, Coryn Leathesia difformis Areschoug		bawiduduk		whole					
HETERGENERATAE, CHORDARIALES, Chord Sphaerotrichia divaricata Kylin		seuperoteurichia		whole					
HETERGENERATAE, DICTYOSIPHONALES, S Colpomenia sinuosa Derves et Sol Oyster thief Pocket thief		bulgeimal		whole					
HETERGENERATAE, DICTYOSIPHONALES, S Endarachne binghamiae J Agardh		miveoksoe		whole					
HETERGENERATAE, DICTYOSIPHONALES, S Scytopsiphon lomentaria J Agardh		Whip tube	gorimae	whole					
HETERGENERATAE, LAMINARIALES, Chorda Chorda filum Lamouroux		Bootlace weed	kkeunmal	Eocheongdo Is., Heuksando Is.					
HETERGENERATAE, LAMINARIALES, Alaria Undaria pinnatifida Suringar		Sea mustard	miyedok	whole					
CYCLOSPOREAE, FUCALES, Sargassaceae	Hizikia fusiforme Okamura	tot		whole					
CYCLOSPOREAE, FUCALES, Sargassaceae	Sargassum fulvellum(S. nerve) A. Gulf weed Sea-lentil	mojaban		whole					
CYCLOSPOREAE, FUCALES, Sargassaceae	Sargassum thunbergii O. Kuntze	jichungj		whole					
CYCLOSPOREAE, FUCALES, Sargassaceae	Sargassum micracanthum Yendo	jangasimojaban		Eocheongdo Is					





Exotic Species

Index : Latine name(=Scientific name)

Genetic Diversity