

LIST AND BIBLIOGRAPHY OF THE RECENT BENTHONIC FORAMINIFERA OF JAPAN, 1925-1981

Ritsuo NOMURA*

ABSTRACT

From the Recent marine sediments in the seas surrounding the Japanese Islands, a total of 1426 taxa of benthonic foraminifera have been documented by various workers. Except for the forms described as new or important, however, most of them are only recorded in the faunal lists.

The purpose of the present work is to provide a check list of Recent Japanese foraminifera which have been figured and listed for the years 1925 to 1981.

INTRODUCTION

The study of the Recent benthonic foraminifera in the seas surrounding the Japanese Islands was initiated by H. B. Brady (1884). Since his well known work appeared in the "Challenger Report", many Japanese foraminiferologists, mostly paleontologist, have devoted their attentions to the ecology and distribution of Recent foraminifera in order to obtain necessary informations for application to paleontological and paleoenvironmental studies.

As in the case of other scientific researches, earlier workers mainly intended for the specific description, though the purely descriptive phase of foraminiferal studies is gradually giving way to ecological investigation. Therefore, in most of recent literatures, taxa are indicated in the faunal list with or without taxonomic notes and the synonymous references.

During the last half a century, system of foraminiferal classification adopted by Japanese workers has been much changed. Earlier workers prior to 1964 were mostly based upon the classification by Cushman (1927, 1948) or Galloway (1933), but later workers principally followed that of Loeblich and Tappan (1964, 1974).

In the present check list, the writer tried to compile Recent Japanese benthonic foraminifera reported by the previous authors. However, no attempt was made in transferring species group between genera appeared in various papers of various time. All species are simply listed under the generic name originally given.

The present work would form a basis for such future research as taxonomy, ecology, and biogeography in studing the Recent and fossil foraminifera from the Japanese Islands as well as the neighboring regions.

LIST OF INVESTIGATED STATIONS

In Japan studies on Recent benthonic foraminifera were mostly concentrated on faunas

* Department of Earth Science, Faculty of Education, Shimane University, Matsue, Japan

from lagoons, bays, and shallow neritic seas in the earlier period, but in the last two decades investigations have been actively carried out in the open sea, on both living and dead assemblages.

During the years 1884 to 1981, a total of 103 papers have been published on the Recent benthonic foraminifera from Japan. Two bibliographic works were carried out by Ishizaki (1939-1940) and Oinomikado (1951) respectively, and a series of monographic works on Recent foraminifera from the Soyo-maru stations was published by Asano (1956-1960).

A total of 1426 species, subspecies, and varieties including 98 new taxa of benthonic foraminifera have been documented. Among them, agglutinated foraminifera comprises 296 taxa including 36 new species and subspecies, porcellaneous foraminifera 196 taxa including six new species and subspecies, and hyaline calcareous foraminifera 934 taxa including 61 new species and subspecies, but among them 34 taxa are *nomen nudum*.

Brief notes on the investigated area, number of sampling station, and depth are given in the following lines. All papers are arranged in an alphabetical order of the first author's name, and the numerals in front of the author correspond to the ones appeared in Fig. 1.

- 1) Aoki (1964) : 12 stations, from Katase, Kanagawa Pref., depth 0-3 m ; 1 station, off Tsujido, the same Pref., depth 3 m ; 1 station, off Shichirigahama, the same Pref., depth 10-15 m ; 1 station, off Inamuraga-saki, the same Pref., depth 3 m ; 7 stations, Nabeta cove, Izu Peninsula, Shizuoka Pref., depth 1-4 m ; 1 station, off Kisami, Izu Peninsula, the same Pref., depth 25 m ; 3 stations, Habu, Oshima, Tokyo Pref., beach sand ; 2 stations, Kii Peninsula, Wakayama Pref., depth 40 m.
- 2) Aoki (1967) : 15 stations, Nabeta cove, Izu Peninsula, Shizuoka Pref., depth 1-4 m.
- 3) Aoshima (1978) : 7 stations, off Ogasa, Shizuoka Pref., depth 40-597 m ; 7 stations, off Atsumi, Aichi Pref., depth 23-665 m ; 6 stations, off Owase, Mie Pref., depth 31-585 m ; 6 stations, Tosa Bay, Kochi Pref., depth 70-808 m ; 3 stations, off Miyazaki, Miyazaki Pref., depth 35-745 m.
- 4) Asano (1936b) : 1 station, off Ashizuri-misaki, Kochi Pref., depth 296 m.
- 5) Asano (1937a) : Number of station not given, Siogama Bay, Miyagi Pref., depth not given ; Number of station not given, Onjuku, Boso Peninsula, Chiba Pref., beach sand.
- 6) Asano (1937b) : 8 stations, Tosa Bay, Kochi Pref., depth 91-527 m.
- 7) Asano (1938) : 17 stations, Onnagawa Bay, Miyagi Pref., depth 11-1100m.
- 8) Asano (1939) : 9 stations, Wakasa Bay, depth 115-227 m.
- 9) Asano (1956a, b, 1958, 1960) : 20 stations, from Suno-zaki, Chiba Pref. to Shiriya-zaki, Aomori Pref., depth 102-644 m ; 49 stations, from Iro-zaki, Shizuoka Pref. to Sata-misaki, Kagoshima Pref., depth 64-684 m ; 3 stations, Sagami and Suruga Bays, depth 128-446 m ; 7 stations, west coast of Kyushu, depth 148-549 m ; 15 stations, Tsushima Strait, depth 90-406 m ; 20 stations, vicinity of the Oki Islands, depth 75-642 m ; 30 stations, from Wakasa Bay to Tsugaru Strait, depth 68-622m ; 3 stations, Yamato Bank, depth 340-620 m ; 13 stations, around Sado Island, depth 112-669 m ; 3 stations, Tsugaru Strait, depth 108-269 m.
- 10) Chiji and Konda (1970) : 14 stations, around Okushiri Island, Hokkaido, depth 120-2285 m.
- 11) Chiji and Lopez (1968) : 14 stations, Tanabe Bay, Wakayama Pref., depth 7-38 m.
- 12) Fukuta (1951) : 1 station, Hayama, Miura Peninsula, Kanagawa Pref., beach sand.
- 13) Hada (1929) : Number of station not given, off Oshoro, Akkeshi Bay and off Nemuro, Hokkaido, depth not given.
- 14) Hada (1931) : About 30 stations, Mutsu Bay, Aomori Pref., depth *ca.* 1.8-60 m.
- 15) Hada (1936a) : Number of station not given, Akkeshi Bay and Lake Hijirippu,

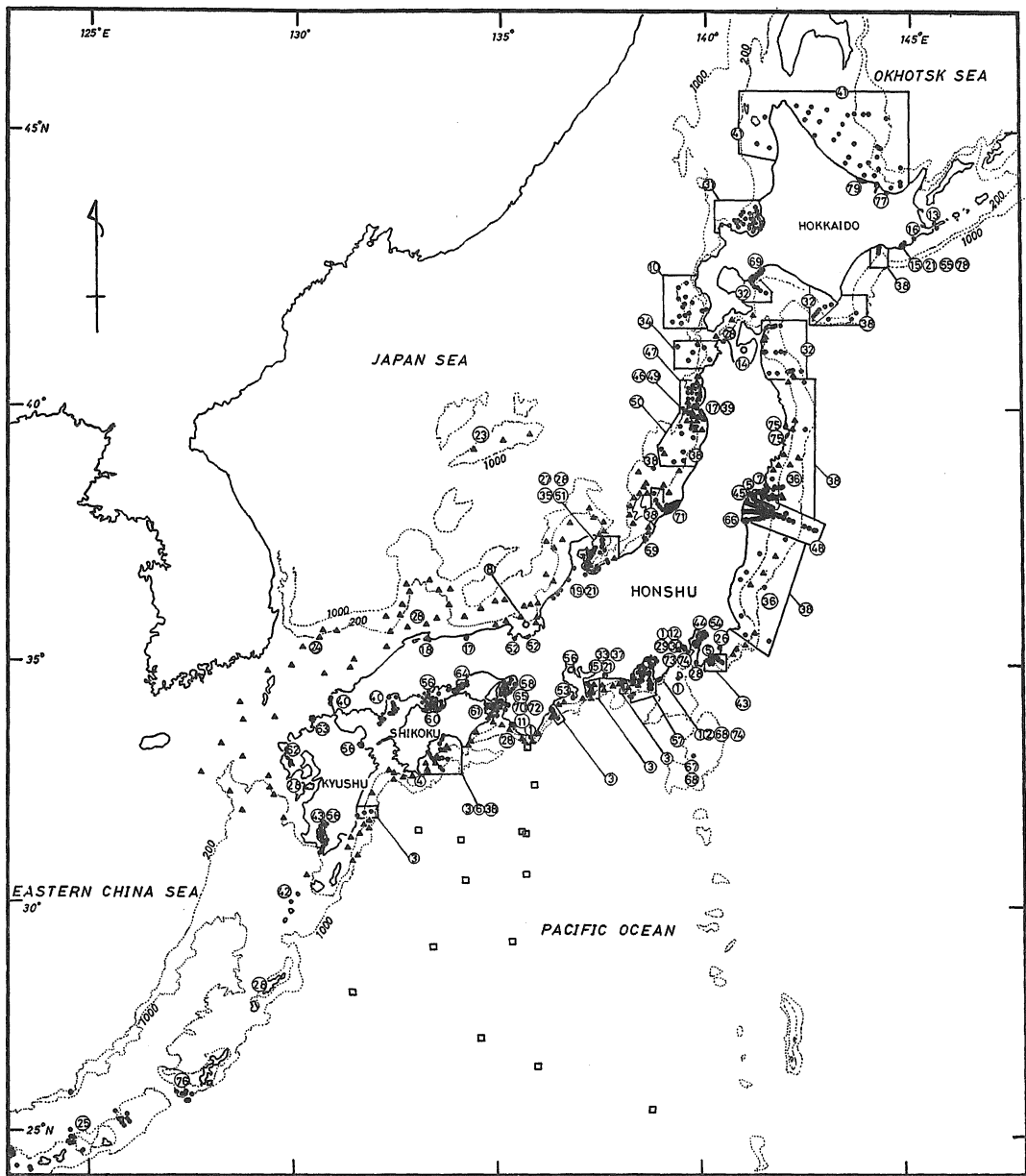


Fig. 1. Sampling stations studied by various authors. The stations of Brady (1884), Cushman and Ozawa (1929, 1930), McCulloch (1977), Saidova (1975), and Troitskaja (1970) are omitted. (▲) Soyo-maru stations, (□) Hanzawa, 1928.

- Hokkaido, Hamanako, Shizuoka Pref., and Suribachi, Paramushiru Island, depth 3-55 m.
- 16) Hada (1936b) : 6 stations, Lake Hijirippu, Hokkaido, depth 1.2-2.3 m ; 7 stations, Lake Mochirippu, the same prov., depth 0.5-2 m.
 - 17) Hada (1937) : 3 stations, Hachiro-gata, Akita Pref., depth 3-3.5 m ; 4 stations, Koyama-ike, Tottori Pref., depth 1-2.2 m.
 - 18) Hada (1939) : 4 stations, Nakanoumi Shimane and Tottori Prefs., depth 4-7.5 m.
 - 19) Hada (1955) : Number of station not given, Hozyotsu-gata, Toyama Pref., Ochi-gata, Kahoku-gata, Imae-gata, Shibayama-gata, Ishikawa Pref., Kitagata, Fukui Pref., depth not given.
 - 20) Hada (1957a) : Number of station not given, around the Japanese Islands, coasts of Sakhalin, Korea and Taiwan, Japan Sea, Yellow Sea, the Gulf of Pohai, South China Sea, the Gulf of Siam, Java Sea, and around the South Sea Islands, depth not given.
 - 21) Hada (1957b) : Number of station not given, around the Japanese Islands, coasts of Sakhalin, Korea and Taiwan, Japan Sea, Yellow Sea, and the Gulf of Pohai, depth not given ; 3 stations, the inlet of Use, depth 1.2-4.5 m ; 6 stations, Lake Hamanako, Shizuoka Pref., depth 2--11 m ; Hozyotsu-gata, Toyama Pref., depth 1.3 m ; Ochi-gata, Ishikawa Pref., depth 2 m ; Kahoku-gata, Ishikawa Pref., depth 2 m ; Imae-gata, Ishikawa Pref., depth 1.7 m ; Shibayama-gata, Ishikawa Pref., depth 2.8 m ; Kitagata, Fukui Pref., depth 3 m ; 5 stations, Lake Tosanporo, depth not given ; 9 stations, Lake Akkeshi, Hokkaido, depth not given.
 - 22) Hanzawa (1928) : 20 stations, western North Pacific Ocean, depth 106-5372 m.
 - 23) Hanzawa (1933) : 3 stations, Yamato Bank, depth 340-620 m.
 - 24) Hanzawa (1934) : 2 stations, Tsushima Strait, depth 249-406 m.
 - 25) Hanzawa (1948) : 22 stations, western North Pacific Ocean, depth 45-340 m.
 - 26) Harrington (1960) : 1 station, Kujukuri-hama, Chiba Pref., beach sand.
 - 27) Hasegawa (1979) : 12 stations, Toyama Bay, depth 45-1020 m.
 - 28) Hasegawa and Takayanagi (1981) : 2 stations, Toyama Bay, depth 81-95 m ; 1 station, off Dozen, the Oki Islands, depth 74-80 m ; 1 station, Amakusa, Kumamoto Pref., beach sand ; 1 station, Ukeshima, Amami-ooshima, beach sand ; 2 stations, off Kii Channel and Shima Peninsula, depth 154, 174 m ; 1 station, Oki-no-shima, Chiba Pref., beach sand ; 1 station, off Mimmaya, Tsugaru Strait, depth 53 m.
 - 29) Higuchi (1954) : 5 stations, Zushi and Koamishiro, Miura Peninsula, Kanagawa Pref., tidal and intertidal zones.
 - 30) Ikari (1927) : 1 station, off Moroiso, Miura Peninsula, Kanagawa Pref., depth less than 18 m.
 - 31) Ikeya (1970) : 35 stations, Ishikari Bay, Hokkaido, depth given in figure.
 - 32) Ikeya (1971b) : 8 stations, off Shiriya-zaki, Aomori Pref., depth 70-1030 m ; 6 stations, off Misawa, the same Pref., depth 49-840 m ; 6 stations, off Hachinohe, the same Pref., depth 60-985 m ; 6 stations, off Muroran, Hokkaido, depth 54-640 m ; 6 stations, off Erimo-misaki, the same prov., depth 56-902 m.
 - 33) Ikeya (1977) : 45 stations, Lake Hamanako, Shizuoka Pref., depth given in figure.
 - 34) Inoue (1980) : 6 stations, off Tsugaru Strait, Aomori Pref., depth 139-2720 m.
 - 35) Ishiwada (1950) : 8 stations, Toyama Bay, depth 83-1203 m.
 - 36) Ishiwada (1954) : 22 stations, from Hachinohe, Aomori Pref. to Nojimazaki, Chiba Pref., depth 51-1180 m.
 - 37) Ishiwada (1958) : 15 stations, Lake Hamanako, depth 1.5-12 m.
 - 38) Ishiwada (1964) : 6 stations, off Kushiro, Hokkaido, depth 22-276 m ; 3 stations, off Erimo-misaki, the same prov., depth 165-655 m ; 20 stations, from Hachinohe, Aomori Pref. to Inubo-saki, Chiba Pref., depth 44-1180 m ; 9 stations, Tosa Bay, depth 56-900 m ; 5 stations, off Niigata, depth *ca.* 50-*ca.* 570 m ; 1 station, Mukogase Bank,

- depth 105 m ; 1 station, off Tobishima, Niigata Pref., depth 222 m.
- 39) Iwasa (1954) : 23 stations, Hachiro-gata, Akita Pref., depth not given.
- 40) Kato (1979) : 29 stations, Setonaikai (Seto Inland Sea), depth 5-20 m ; 4 stations, Hibikinada, Yamaguchi Pref., depth 17-27 m.
- 41) Kuwano (1953, 1954) : 2 stations, north Japan Sea, depth 52-84 m ; 32 stations, Okhotsku Sea, depth 20-1460 m.
- 42) Kuwano (1956) : 3 stations, Takarazima, Nakanoshima, the Tokara Islands, beach sand and intertidal zone.
- 43) Kuwano (1962, 1963) : 22 stations, Kagoshima Bay, Kagoshima Pref., depth 23-225 m ; 16 stations, off Boso Peninsula, Chiba Pref., depth 59-378 m.
- 44) Maruhasi (1948) : 19 stations, Tokyo Bay, depth 7.5-35.5 m.
- 45) Matoba (1970) : 47 stations, Matsushima Bay, Miyagi Pref., depth 0.4-12.5 m.
- 46) Matoba (1975) : 21 stations, off southern coast of the Oga Peninsula, Akita Pref., depth 5-148 m.
- 47) Matoba (1976a) : 18 stations, off Noshiro, Akita Pref., depth 40-875 m.
- 48) Matoba (1976b) : 67 stations, off Sendai, Miyagi Pref. and Matsukawa-ura, Fukushima Pref., depth 19-1988 m.
- 49) Matoba (1976c) : 70 stations, around the Oga Peninsula, Akita Pref., depth 5-202 m.
- 50) Matoba and Nakagawa (1972) : 17 stations, off Akita, Akita Pref., depth 38-760 m.
- 51) Matsuda (1957) : 58 stations, Toyama Bay, depth 194-1142 m.
- 52) Morishima (1947, 1948a) : 34 stations, Obama Bay, Fukui Pref., depth 3-26 m ; 26 stations, Maizuru Bay, Hyogo Pref., depth 5.5-26 m
- 53) Morishima (1948b, 1950) : 19 stations, Ago Bay, Mie Pref., depth 2-30 m ; 49 stations, Ago Bay, depth 2-30 m.
- 54) Morishima (1955) : 22 stations, Tokyo Bay, depth 6-70 m.
- 55) Morishima and Chiji (1952) : 27 stations, Akkeshi Bay and Lake Akkeshi, Hokkaido, depth given in figure.
- 56) Nagahama (1951) : 14 stations, Beppu Bay, Oita Pref., depth 17-73 m ; 16 stations, Matsunaga Bay, Hiroshima Pref., depth 0.7-19 m ; 4 stations, Kagoshima Bay, depth not given ; 6 stations, Ise Bay, depth not given.
- 57) Nagahama (1954) : 41 stations, Suruga Bay, Shizuoka Pref., depth 24-2226 m.
- 58) Nakaseko (1953) : 16 stations, Osaka Bay, depth not given.
- 59) Oinomikado and Stach (1948) : 6 stations, off Ishiji, Kashiwazaki and Kujiranami, Niigata Pref., depth 1.5-39 m.
- 60) Sawai (1955) : 31 stations, Hiuchi-nada, Setonaikai (Seto Inland Sea), depth 12-27 m.
- 61) Sawai (1958) : 28 stations, Kii Channel, depth 10-80 m.
- 62) Shuto (1953) : 28 stations, Omura Bay, Nagasaki Pref., depth 6-24 m ; 1 station, Tsuyazaki, Fukuoka Pref., near shore ; 1 station, Goto Island, Nagasaki Pref., near shore ; 1 station, Iki Island, Nagasaki Pref., near shore ; 2 stations, East China Sea, depth not given ; 1 station, Sasebo Harbour, Nagasaki Pref., depth not given.
- 63) Shuto (1965) : 31 stations, off Tsuyazaki, Fukuoka Pref., depth 8.3-58 m.
- 64) Tai (1971) : 16 stations, western area off Shodo Island, Setonaikai (Seto Inland Sea), depth 4.1-33 m.
- 65) Takayanagi (1953b) : 11 stations, Izumi-nada, Setonaikai, (Seto Inland Sea), depth 13-64 m.
- 66) Takayanagi (1955) : 180 stations, Matsukawa-ura, Fukushima Pref., depth less than 20 m.
- 67) Uchio (1952a) : 1 station, Hachijo Island, beach sand.
- 68) Uchio (1952b) : 1 station, Minato, Izu Peninsula, Shizuoka Pref., beach sand ; 1 station, Hachijo Island, beach sand.
- 69) Uchio (1959) : 10 stations, off Noboribetsu, Hokkaido, depth 19-80 m.

- 70) Uchio (1962a): 5 stations, Wakaura, Shiraki, Nishihiro, Seto and Kushimoto, Wakayama Pref., beach sand; 4 stations, Mori Harbour, the same Pref., depth 2.9-8.6 m.
 71) Uchio (1962b, c): 137 stations, orf Niigata, Niigata Pref., depth 5-65 m.
 72) Uchio (1968): 4 stations, from Seto, Ezura, and Mori Harbour, Wakayama Pref., depth 1.5-97.5 m.
 73) Ujiie (1956a): 1 station, from Katase, Kanagawa Pref., beach sand.
 74) Ujiie (1965b): Number of station not given, Ubara, Chiba Pref., Katase, Kanagawa Pref., Nabeta, Izu Peninsula, Shizuoka Pref., beach sand.
 75) Ujiie and Kusukawa (1969): 17 stations, Miyako Bay, Iwate Pref., depth 6-78 m; 9 stations, Yamada Bay, the same Pref., depth 14-39 m.
 76) Yabe and Hanzawa (1925): 9 stations, off Okinawa Island, depth 755-1890 m.
 77) Yoshida (1953a): 6 stations, Mokoto-numa, Hokkaido, depth less than 2 m.
 78) Yoshida (1953b): 3 stations, Lake Akkeshi, Hokkaido, depth given in figure.
 79) Yoshida (1954): 21 stations, Lake Saroma, Hokkaido, depth given in figure.

LIST OF THE RECENT BENTHONIC FORAMINIFERA OF JAPAN, 1925-1981

In brackets, generic name with an asterisk indicates the original generic designation; one without asterisk indicates the generic name which has been changed by later Japanese workers. The specific name in parenthesis indicates synonym.

- Aceroulina inhaerens* Schultze. Asano, 1937a, pl. 16, fig. 16; 1937b: Hanzawa, 1948: Takayanagi, 1955: Uchio, 1968.
Adercotryma glomerata (Brady). Kuwano, 1953: Ishiwada, 1964, p. 33-34, pl. 1, fig. 5: Chiji and Konda, 1970: Ikeya, 1970; 1971b: Matoba and Nakagawa, 1972: Matoba, 1976a, b: Hasegawa, 1979: Inoue, 1980, pl. 26, fig. 8. [**Lituola*, *Haplophragmoides*].
Alfredosilvestris pauciloculata (Cushman). Ikeya, 1970. [**Nodosaria*, *Amphicoryna*, *Lagenonodosaria*].
Alfredosilvestris scalaris (Batsch). Ikeya, 1970. [**Nautilus*, *Amphicoryna*, *Lagenonodosaria*, *Nodosaria*].
Alveolinella boscii (Defrance). Hanzawa, 1928. [**Oryzaria*].
Alveolophragmium advena (Cushman). Ikeya, 1970; 1977. [**Haplophragmoides*].
Alveolophragmium canariensis (d'Orbigny). Ujiie and Kusukawa, 1969. [**Nonionina*, *Haplophragmoides*].
Alveolophragmium columbiensis (Cushman). Aoshima, 1978. [**Haplophragmoides*, *Cribrostomoides*].
Alveolophragmium crassimargo (Norman). Uchio, 1959 (= *Alveolophragmium ochotoensis* Stschedrina); 1962b: Ishiwada, 1964, pl. 1, fig. 2: Ikeya, 1970; 1971b: Aoshima, 1978. [**Labrospira*, *Cribrostomoides*, *Haplophragmoides*].
Alveolophragmium jeffreysi (Williamson). Takayanagi, 1955: Ishiwada, 1964, pl. 1, fig. 3: Uchio, 1968: Ujiie and Kusukawa, 1969: Ikeya, 1971b. [**Nonionina*, *Cribrostomoides*].
Alveolophragmium orbiculatum ochotonensis Stschedrina. Kuwano, 1953.
Alveolophragmium scitulum (Brady). Ishiwada, 1964, p. 34, pl. 1, fig. 4: Ikeya, 1971b: Matoba, 1976a. [**Haplophragmium*, *Haplophragmoides*, *Labrospira*].
Ammobaculites agglutinans (d'Orbigny). Yabe and Hanzawa, 1925: Hanzawa, 1928: Hada, 1931, p. 65-66, text-fig. 17; 1936, p. 852, figs. 4a-c; 1937; 1955; 1957b: Yoshida, 1953a, b: Takayanagi, 1955, p. 40, pl. 1, fig. 3: Sawai, 1955: Chiji and Lopez, 1968, p. 102, pl. 6, fig. 3. [**Spiolina*].

- Ammobaculites amarus* Hada, 1957a (n. sp.), p. 30-31, figs. 10a-d ; 1957b.
- Ammobaculites americanus* Cushman. Hada, 1931, p. 68-69, text-figs. 21a, b ; 1957b : Morishima, 1955.
- Ammobaculites americanus* Cushman var. Hada, 1936, p. 853, fig. 6.
- Ammobaculites cassis* (Parker). Hada, 1929 ; 1931, p. 67, text-fig. 19 ; 1957b : Yoshida, 1954, p. 156, fig. 2 : Takayanagi, 1955. [**Ammotium*].
- Ammobaculites exiguus* Cushman and Bronnimann. Ishiwada, 1958, pl. 1, figs. 8, 9 : Matoba, 1970, p. 47, pl. 1, figs. 7a, b, 8 : Ikeya, 1977.
- Ammobaculites foliaceus* (Brady). Takayanagi, 1953b : Sawai, 1958. [**Haplophragmium, Ammomarginulina*].
- Ammobaculites pseudospirale* (Williamson). Hada, 1931, p. 66-67, text-figs. 18a, b ; 1957b. [**Proteonina, Ammoscalaria*].
- Ammobaculites tenuimargo* (Brady). Hada, 1957b. [**Haplophragmium, Ammoscalaria*].
- Ammochilostoma pauciloculata* Brady. Hanzawa, 1928.
- Ammodiscus incertus* (d'Orbigny). Hanzawa, 1928 : Asano, 1939 : Ishiwada, 1950 : Kuwano, 1953 : Hada, 1957b : Chiji and Konda, 1970, pl. 1, fig. 9 : Inoue, 1980. [**Operculina*].
- Ammodiscus pacificus* Cushman and Valentine. Ishiwada, 1958 : Matoba, 1975 ; 1976a, b, c.
- Ammoglobigerina globigeriniformis* (Parker and Jones). Maruhasi, 1948. [**Lituola, Trochammina*].
- Ammolagena clavata* (Jones and Parker). Hanzawa, 1928. (= *Trochammina irregularis* (d'Orbigny) var. *clavata* Jones and Parker).
- Ammomarginulina foliaceus* (Brady). Chiji and Lopez, 1968, p. 104, pl. 6, fig. 4 : Aoshima, 1978. [**Haplophragmium, Ammobaculites*].
- Ammomarginulina pseudospirale* (Williamson). Oinomikado and Stach, 1948. [**Proteonina, Ammobaculites, Ammoscalaria*].
- Ammonia angulata* (Kuwano). Uchio, 1968. (= *Rotalia ketienziensis angulata* Kuwano).
- Ammonia beccarii* (Linné). Uchio, 1968 : Ujiie and Kusukawa, 1969 : Matoba, 1970, p. 47 : Ikeya, 1970 : Tai, 1971 : Aoshima, 1978 : Kato, 1979 : Inoue, 1980. [**Nautilus, Rotalia, Streblus*].
- Ammonia beccarii aomoriensis* (Asano). Kato, 1979. [**Rotalia*].
- Ammonia beccarii asanoi* (Uchio). Uchio, 1962a : Aoki, 1967. [**Rotalia*].
- Ammonia beccarii kiiensis* Uchio, 1962a (n. var.). (*nom. nud.*).
- Ammonia beccarii pliocenica* Dam and Reinhold. Inoue, 1980.
- Ammonia beccarii tepida* (Cushman). Chiji and Lopez, 1968, p. 104, pl. 12, figs. 3a, b, 4a, b. [**Rotalia*].
- Ammonia beccarii* (Linné) "forma A". Chiji and Lopez, 1968, p. 104, pl. 12, figs. 2a, b.
- Ammonia beccarii* (Linné) forma 1. Matoba, 1970, p. 47, pl. 5, figs. 8a-c, 9a-c.
- Ammonia beccarii* (Linné) forma 2. Matoba, 1970, p. 48, pl. 5, figs. 10a-c, 11a-c, 12a-c.
- Ammonia beccarii* (Linné) forma 3. Matoba, 1970, p. 48, pl. 5, figs. 13a-c.
- Ammonia erinacea* (Heron-Allen and Earland). Uchio, 1962a. [**Rotalia*].
- Ammonia inflata* (Seguenza). Aoshima, 1978. [**Rosalina, Rotalia*].
- Ammonia japonica* (Hada). Harrington, 1960 : Uchio, 1962b : Ujiie and Kusukawa, 1969 : Matoba, 1970, p. 48, pl. 5, figs. 14a-c, pl. 6, figs. 1a-c ; 1975 ; 1976a, c : Ikeya, 1971b : Kato, 1979. [**Rotalia, Streblus*].
- Ammonia kawachiensis* (Chiji). Aoki, 1967. [**Rotalia*].
- Ammonia ketienziensis* (Ishizaki). Matoba, 1970, p. 48, pl. 6, figs. 2a-c. [**Streblus*].

- Ammonia ketienziensis angulata* (Kuwano). Chiji and Lopez, 1968 : Matoba, 1976a, b, c. [**Rotalia, Streblus*].
- Ammonia nipponica* (Asano). Harrington, 1960 : Uchio, 1962a : Chiji and Lopez, 1968. [**Rotalia, Pararotalia*].
- Ammonia ozawai* (Asano). Ikeya, 1971b. [*Rotalia, Pararotalia, Streblus*].
- Ammonia papillosa* (Brady). Kato, 1979. [**Rotalia, Streblus*].
- Ammonia takanabensis* (Ishizaki). Chiji and Konda, 1970 : Tai, 1971 : Matoba, 1976b : Hasegawa, 1979. [**Streblus, Rotalia*].
- Ammonia tanabensis* Uchio, 1962a (n. sp.). (*nom. nud.*).
- Ammoscalaria pseudospiralis* (Williamson). Shuto, 1965 : Matoba, 1970, p. 48, pl. 1, figs. 9a, b ; 1976a : Ikeya, 1977. [**Proteonina, Ammobaculites*].
- Ammoscalaria tenuimargo* (Brady). Shuto, 1965. [**Haplophragmium, Ammobaculites*].
- Ammosphaeroidina grandis* Cushman. Hanzawa, 1928 : Ishiwada, 1950.
- Ammosphaeroidina sphaeroidiniformis* (Brady). Hada, 1957b. [**Haplophragmium*].
- Ammotium cassis* (Parker). Uchio, 1959 : Ikeya, 1970. [**Ammobaculites*].
- Amphicoryna hirsuta* (d'Orbigny). Aoshima, 1978. [**Nodosaria, Lagenonodosaria*].
- Amphicoryna pauciloculata* (Cushman). Chiji and Konda, 1970 : Aoshima, 1978. [**Nodosaria, Alfredosilvestris, Lagenonodosaria*].
- Amphicoryna scalaris* (Batsch). Aoki, 1967 : Uchio, 1968 : Chiji and Konda, 1970 : Ikeya, 1971b : Aoshima, 1978. [**Nautilus, Alfredosilvestris, Lagenonodosaria, Nodosaria*].
- Amphicoryna scalaris sagamiensis* (Asano). Matoba, 1976b. [**Lagenonodosaria*].
- Amphicoryne falx* Jones and Parker. Hada, 1931, p. 101-102, text-fig. 55. [*Amphicoryna*].
- Amphisorus hemiprichii* Ehrenberg. Hanzawa, 1948 : Uchio, 1952 ; 1968 : Kuwano, 1956, p. 278. [*Marginopora*].
- Amphistegina lessonii* d'Orbigny. Shuto, 1953 ; 1965 : Uchio, 1962a ; 1968.
- Amphistegina madagascariensis* d'Orbigny. Chiji and Lopez, 1968, p. 104, pl. 14, figs. 3a, b.
- Amphistegina radiata* (Fichtel and Moll). Hanzawa, 1928 ; 1948 : Asano, 1937b, p. 39 : Morishima, 1947 ; 1948b ; 1950 ; 1955 : Fukuta, 1951 : Uchio, 1952 : Nakaseko, 1953 : Kuwano, 1956, p. 278, pl. 29, figs. 4-9 : Sawai, 1958 : Chiji and Lopez, 1968, p. 104, pl. 14, figs. 2a, b. [**Rotalites*].
- Angulodiscorbis quadrangularis* Uchio, 1952 (n. sp.), p. 156, pl. 7, figs. 4a-c ; 1962a ; 1968 : Chiji and Lopez, 1968 : Aoshima, 1978.
- Angulogerina angulosa* Williamson. Hanzawa, 1933 : Oinomikado and Stach, 1948 : Nagahama, 1954 : Takayanagi, 1955 : Kuwano, 1962, p. 138, pl. 14, figs. 1, 2 ; 1963. [*Trifarina*].
- Angulogerina* cf. *occidentalis* Cushman. Asano, 1958, p. 40, pl. 7, fig. 6.
- Angulogerina hughesi* (Galloway and Wissler). Kuwano, 1953 : Matsuda, 1957 : Matoba, 1975 ; 1976c. [**Uvigerina, Trifarina*].
- Angulogerina japonica* Asano. Asano, 1939.
- Angulogerina kiiensis* Uchio, 1962a (n. sp.). (*nom. nud.*).
- Angulogerina kokozuraensis* Asano. Iwasa, 1954 : Ishiwada, 1954 ; 1964, pl. 5, fig. 83 : Matsuda, 1957 : Asano, 1958, p. 39-40, p. 7, figs. 4, 5 : Matoba and Nakagawa, 1972 : Matoba, 1975 ; 1976a, b, c. [*Trifarina*].
- Angulogerina* sp. 1. Ishiwada, 1950, p. 191, figs. 5a, b, 6.
- Anomalina ammonoides* Reuss. Yabe and Hanzawa, 1925 : Hanzawa, 1928.
- Anomalina balthica* (Schroeter). Asano, 1937b : Shuto, 1953 : Nagahama, 1954 : Takayanagi, 1955 : Sawai, 1958 : Ishiwada, 1964, pl. 8, fig. 11. [**Nautilus, Hyaline*].

- Anomalina coronata* Parker and Jones. Yabe and Hanzawa, 1925.
- Anomalina edwardsiana* (d'Orbigny). Hada, 1947. [**Rosalina*].
- Anomalina flintii* Cushman. Shuto, 1953.
- Anomalina glabrata* Cushman. Shuto, 1953 : Takayanagi, 1955 : Sawai, 1958 : Uchio, 1962a ; 1968 : Kuwano, 1962, p. 138, pl. 14, fig. 4 : Aoki, 1967 : Ujiié and Kusukawa, 1969 : Chiji and Konda, 1970 : Aoshima, 1978.
- Anomalina globulosa* Chapman and Parr. Shuto, 1953 ; 1965 : Sawai, 1955 : Kuwano, 1962, p. 138, pl. 14, fig. 3 ; 1968 : Chiji and Lopez, 1968, p. 104, pl. 15, figs. 15a, b : Aoshima, 1978.
- Anomalina grosserugosa* (Gümbel). Hanzawa, 1928 : Ishiwada, 1950 : Morishima, 1955 : Chiji and Lopez, 1963. [*Truncatulina*].
- Anomalina hamanaoensis* Ishiwada, 1958 (n. sp.), p. 18, text-fige. 3a-c, pl. 1, figs. 24a, b, 25, 26. [*Valvulineria*].
- Anomalina pauperata* (Balkwill and Wright). Matoba, 1976c. [**Nonionina*].
- Anomalina?* *pauperata* (Balkwill and Wright). Kuwano, 1962, p. 138, pl. 14, figs. 5, 6 ; 1963 : Matoba, 1970, p. 48.
- Anomalina polymorpha* Costa. Yabe and Hanzawa, 1925 : Hanzawa, 1928 : Shuto, 1953.
- Articulina corico-articulata* Batch. Chiji and Lopez, 1968, p. 104, pl. 10, fig. 10.
- Articulina fijiensis* Cushman. Uchio, 1962a.
- Articulina sulcata* Reuss. Hanzawa, 1928.
- Asanonella tubulifera* (Heron-Allen and Earland). Aoki, 1967. [**Truncatulina*].
- Aschemonella catenata* Norman. Hanzawa, 1928 : Hada, 1957b.
- Astacolus crepidulus* (Fichtel and Moll). Asano, 1956, p. 9-10, pl. 3, figs. 14, 15 : Aoshima, 1978. [**Nautilus, Cristellaria*].
- Astacolus hanzawai* (Asano). Uchio, 1968. [**Hemicristellaria*].
- Astacolus schloenbachi* (Reuss). Asano, 1956, p. 8-9, pl. 3, figs. 12, 13 : Aoshima, 1978. [**Cristellaria*].
- Astacolus vaginulinaeformis* (Cushman and Hanzawa). Uchio, 1968. [**Cristellaria*].
- Astacolus* (?) sp. Asano, 1956, p. 10, pl. 3, fig. 6.
- Astrammmina sphaerica* (Heron-Allen and Earland). Hada, 1957b. [**Armoredella*].
- Astrononion aomoriense* Asano. Inoue, 1980.
- Astrononion australe* Cushman. Kuwano, 1953.
- Astrononion gallowayi* Loeblich and Tappan. Asano, 1960, p. 195, pl. 21, figs. 9a, b : Chiji and Konda, 1970 : Ikeya, 1970 : Aoshima, 1978 : Hasegawa, 1979.
- Astrononion hamadaensis* Asano. Ishiwada, 1964, p. 37, pl. 3, fig. 37 (= *Astrononion gallowayi* Loeblich and Tappan) : Matoba and Nakagawa, 1972 : Matoba, 1975 ; 1976a, b, c : Inoue, 1980, pl. 27, figs. 19a, b.
- Astrononion sidebottomi* Cushman and Edwards. Kuwano, 1962, p. 138, pl. 14, fig. 8.
- Astrononion stelligerium* (d'Orbigny). Morishima, 1947 ; 1948a ; 1955 : Sawai, 1955 : Chiji and Lopez, 1968, p. 104, pl. 15, fig. 11. [**Nonionina*].
- Astrononion stellatum* Cushman and Edwards. Ishiwada, 1950 : Takayanagi, 1953b : Ujiié and Kusukawa, 1969.
- Astrononion umbilicatum* Uchio. Ishiwada, 1964, p. 37, pl. 3, fig. 38 : Matoba, 1975 ; 1976c.
- Astrononion* sp. Asano, 1960, p. 195, pl. 21, figs. 10a, b.
- Astrorhiza arenaria* Norman. Hada, 1957b.
- Astrorhiza crassatina* Brady. Hada, 1957b.

- Astrorhiza crassatina* Brady var. *asper* Hada, 1957a (n. var), p. 24-25, fig. 1.
Astrorhiza crassatina Brady var. *crassa* Hada. Hada, 1957b.
Astrorhiza granulosa (Brady). Yoshida, 1954. [**Marsipella*].
Baculogypsina sphaerulata (Parker and Jones). Kuwano, 1956, p. 279-280, text-fig. 1, pl. 30, figs. 4-9. [**Orbitolina*].
Baggina philippinensis (Cushman). Morishima, 1955 : Sawai, 1958 : Matoba, 1976c : Aoshima, 1978. [**Pulvinulina*].
Baggina philippinensis pilulifera Cushman and Todd. Aoki, 1967.
Bathysiphon minuta Pearcey. Hada, 1957b : Aoshima, 1978.
Bathysiphon rufus de Folin. Hanzawa, 1928 : Ikeya, 1971b.
Bifarina fimbriata (Millett). Hanzawa, 1948. [**Bigenerina*].
Bifarina japonica Asano. Asano, 1958, p. 26-27, pl. 5, fig. 19.
Bifarina mackinmoni Millett. Yabe and Hanzawa, 1925.
Bifarinella ryukyensis Cushman and Hanzawa. Hanzawa, 1948.
Bigenerina capreolus d'Orbigny. Yabe and Hanzawa, 1925.
Bigenerina nodosaria d'Orbigny. Hada, 1931, p. 73-74, text-figs. 26a, b ; 1939 ; 1957b : Yoshida, 1954, p. 156, figs. 7a, b.
Bigenerina okhotskensis Hada, 1957b (n. sp.). (*nom. nud.*).
Biloculina anomala Schlumberger. Hanzawa, 1928.
Biloculina camata var. *serrtula* Cushman. Hanzawa, 1928.
Biloculina denticulata Brady. Hanzawa, 1928. (= *Biloculina ringens* (Lamarck) var. *denticulata* Brady). [**Pyrgo*].
Biloculina depressa d'Orbigny. Yabe and Hanzawa, 1925 : Hanzawa, 1928. [**Pyrgo*].
Biloculina elongata d'Orbigny. Hanzawa, 1928. (= *Biloculina ringens* (Lamarck) var. *elongata* d'Orbigny). [**Pyrgo*].
Biloculina lucernata Schwager. Yabe and Hanzawa, 1925. [**Pyrgo*].
Biloculina murrhina Schwager. Hanzawa, 1928. (= *Biloculina depressa* d'Orbigny var. *murrhina* Schwager). [**Pyrgo*].
Biloculina serrata d'Orbigny. Yabe and Hanzawa, 1925.
Biloculina vesperilio Schlumberger. Hanzawa, 1928. [**Pyrgo*].
Bilocolinella globula (Bornemann). Shuto, 1953 : Uchio, 1968. [**Biloculina*].
Bilocolinella japonica Asano, 1956b (n. sp.), p. 79-80, pl. 9, fig. 24.
Bilocolinella toddae Andersen. Aoki, 1967.
Bolivina cf. *abbreviata* Heron-Allen and Earland. Asano, 1958, p. 18, pl. 4, fig. 5.
Bolivina acerosa pacifica Cushman and McCulloch. Takayanagi, 1953b : Kuwano, 1962, p. 138, pl. 14, figs. 9-11.
Bolivina advena Cushman. Takayanagi, 1953b ; 1955 : Ikeya, 1970 ; 1971b.
Bolivina aenariensis (Costa). Hada, 1939. [**Brizalina*].
Bolivina alata (Seguenza). Shuto, 1953 ; 1965 : Ikeya, 1970 : Matoba, 1975 ; 1976c : Kato, 1979. [**Vulvulina*].
Bolivina amygdalaeformis Brady. Hada, 1937. [*Loxostomum*].
Bolivina cf. *barbata* Phleger and Parker. Asano, 1958, p. 18, pl. 4, fig. 17.
Bolivina beyrichi Reuss. Hanzawa, 1928.
Bolivina compacta Sidebottom. Shuto, 1953 : Takayanagi, 1953b ; 1955 : Morishima and Chiji, 1952 : Aoshima, 1978. (= *Bolivina robusta* Brady var. *compacta* Sidebottom). [*Brizalina*].
Bolivina decussata Brady. Hada, 1936 : Ishiwada, 1950 : Morishima and Chiji, 1952, pl. 2,

- figs. 7a, b : Takayanagi, 1953a : Kuwano, 1953 : Matsuda, 1957 : Asano, 1958, p. 18-19, pl. 4, figs. 15, 16 : Chiji and Konda, 1970, pl. 9, fig. 8 : Ikeya, 1971b : Matoba and Nakagawa, 1972 : Matoba, 1975 ; 1976a, b, c : Hasegawa, 1979 : Inoue, 1980, pl. 27, fig. 6.
- Bolivina* sp. aff. *B. durrandi* Millett. Matoba, 1970, p. 49, pl. 3, figs. 30a, b.
- Bolivina glutinata* Egger. Chiji and Lopez, 1968, p. 104, pl. 10, fig. 13.
- Bolivina hadai* Uchio, 1962b (n. sp.), p. 388-389, pl. 18, figs. 3a, b, 4a, b : Matoba and Nakagawa, 1972 : Matoba, 1975 ; 1976a, c.
- Bolivina hantkeniana* Brady. Higuchi, 1954 : Sawai, 1955 ; 1958 : Asano, 1958, p. 19, pl. 4, fig. 19.
- Bolivina kiiensis* Asano, 1958 (n. sp.), p. 19-20, pl. 4, figs. 7, 8 : Kuwano, 1962, p. 138, pl. 14, fig. 12 : Ishiwada, 1954, p. 40, pl. 4, fig. 61 : Uchio, 1968 : Aoshima, 1978.
- Bolivina limbata* Brady. Hanzawa, 1928 : Sawai, 1958.
- Bolivina lobata* Brady. Yabe and Hanzawa, 1925.
- Bolivina minuta* Natland. Ikeya, 1971b : Aoshima, 1978.
- Bolivina nobilis* Hantken. Yabe and Hanzawa, 1925 : Hanzawa, 1928.
- Bolivina pacifica* Cushman and McCulloch. Matoba and Nakagawa, 1972 : Matoba, 1976a, b : Ikeya, 1977 : Aoshima, 1978 : Inoue, 1980. (= *Bolivina acerosa* Cushman var. *pacifica* Cushman and McCulloch).
- Bolivina porrecta* Brady. Hada, 1929.
- Bolivina pseudobeyrichi* Cushman. Ishiwada, 1964, pl. 4, fig. 62.
- Bolivina pseudodiformis* Asano. Shuto, 1953 ; 1958 : Takayanagi, 1953b : Sawai, 1965.
- Bolivina pseudoplicata* Heron-Allen and Earland. Takayanagi, 1955, pl. 2, fig. 2 : Ujiié and Kusukawa, 1969 : Matoba, 1970, p. 49, pl. 3, figs. 25a, b ; 1976c.
- Bolivina pseudopunctata* Höglund. Ikeya, 1970 ; 1971b.
- Bolivina pusila* Schwager. Yabe and Hanzawa, 1925 : Hanzawa, 1928.
- Bolivina pygmaea* Brady. Takayanagi, 1953b.
- Bolivina reticulata* Hantken. Yabe and Hanzawa, 1925 : Hanzawa, 1928.
- Bolivina rhomboidalis* (Millett). Uchio, 1952 ; 1962a ; 1968. [**Textularia*].
- Bolivina robusta* Brady. Yabe and Hanzawa, 1925 : Hanzawa, 1928 ; 1948 : Hada, 1929 ; 1931, p. 131-132, text-figs. 88a, b ; 1937 ; 1939 : Asano, 1937b ; 1938 ; 1958, p. 20-21, pl. 5, figs. 1-3, 5(?), 6(?) : Oinomikado and Stach, 1948 : Ishiwada, 1950 ; 1958 ; 1964, pl. 4, fig. 63 : Fukuta, 1951 : Morishima and Chiji, 1952 : Shuto, 1953 : Nakaseko, 1953 : Takayanagi, 1953b ; 1955, p. 43, pl. 2, fig. 5 : Nagahama, 1954 : Morishima, 1955 : Matsuda, 1957 : Sawai, 1958 : Chiji and Lopez, 1968, p. 105, pl. 10, fig. 15 : Matoba, 1970, p. 49, pl. 3, figs. 26a, b ; 1975 ; 1976a, b, c : Ikeya, 1971b : Matoba and Nakagawa, 1972 : Aoshima, 1978 : Hasegawa, 1979 : Kato, 1979 : Inoue, 1980.
- Bolivina robusta* Brady var. A. Kuwano, 1962, pl. 15, figs. 1, 2.
- Bolivina robusta* Brady var. B. Kuwano, 1962, pl. 15, figs. 3, 4 ; 1963.
- Bolivina robusta* Brady var. C. Kuwano, 1962, pl. 15, fig. 5.
- Bolivina semicostata* Cushman. Asano, 1937b : Sawai, 1958 : Uchio, 1968.
- Bolivina seminuda* Cushman. Hanzawa, 1928 : Hada, 1929 ; 1931, p. 132-133, text-figs. 89a, b : Asano, 1938 : Oinomikado and Stach, 1948 : Takayanagi, 1953b ; 1955, p. 43-44, pl. 2, fig. 3 : Shuto, 1953 : Higuchi, 1954 : Nagahama, 1954 : Morishima, 1955 : Asano, 1958, p. 21-22, pl. 4, figs. 9, 10 : Sawai, 1958 : Aoki, 1967 : Ikeya, 1977 : Aoshima, 1978 : Kato, 1979. [*Brizalina*].
- Bolivina* cf. *seminuda* Cushman. Kuwano, 1962, pl. 15, fig. 6 : Matoba, 1970, p. 49, pl. 3,

figs. 27a, b.

- Bolivina spinescens* Cushman. Morishima, 1955 : Asano, 1958, p. 22, pl. 4, fig. 6. (= *Bolivina textularioides* Reuss var. *spinescens* Cushman).
- Bolivina spissa* Cushman. Ishiwada, 1954 ; 1964, p. 40, pl. 4, figs. 64, 65 : Ikeya, 1971b : Matoba, 1976b. (= *Bolivina subadvena* Cushman var. *spissa* Cushman).
- Bolivina striatula* Cushman. Oinomikado and Stach, 1948 : Takayanagi, 1953b : Matoba, 1970, p. 49, pl. 3, figs. 28a, b ; 1975 ; 1976a, b : Ikeya, 1977. [*Brizalina*].
- Bolivina subaenariensis* Cushman. Asano, 1937b.
- Bolivina subangularis* Brady. Chiji and Lopez, 1968, p. 105, pl. 10, fig. 14.
- Bolivina subangularis ogasaensis* Asano. Takayanagi, 1953b : Morishima, 1955 : Sawai, 1958 : Asano, 1958, p. 22, pl. 4, fig. 66 : Chiji and Lopez, 1968.
- Bolivina subexcavata* Cushman and Wickenden. Takayanagi, 1955 : Kuwano, 1962, pl. 15, fig. 7 ; 1963.
- Bolivina subreticulata* Parr. Hanzawa, 1948.
- Bolivina subspinescens* Cushman. Ishiwada, 1950 : Matoba, 1976a, b : Aoshima, 1978 : Inoue, 1980, pl. 27, fig. 12.
- Bolivina substriatula* Asano, 1958 (n. sp.), p. 23, pl. 4, figs. 11-14 : Ishiwada, 1964, p. 40, pl. 4, fig. 67 : Kuwano, 1962, pl. 15, fig. 8 ; 1963 : Aoshima, 1978 : Kato, 1979.
- Bolivina textularioides* Reuss. Hada, 1929 : Sawai, 1958.
- Bolivina tokiokai* Uchio, 1962b (n. sp.), p. 389, pl. 18, figs. 5a, b : Matoba, 1975.
- Bolivina* cf. *tokiokai* Uchio. Matoba, 1970, p. 49, pl. 3, figs. 30a, b.
- Bolivina torquata* Cushman and McCulloch. Aoki, 1967.
- Bolivina tortuosa*. Yabe and Hanzawa, 1925. [*Sigmavirgulina*].
- Bolivina tosaensis* Asano, 1958 (n. sp.), p. 23-24, pl. 4, figs. 3a, b, 4.
- Bolivina* (?) sp. Asano, 1958, p. 24, pl. 5, figs. 15a, b.
- Bolivinitella elegans* Asano. Chiji and Lopez, 1968.
- Bolivinitella folia* (Parker and Jones). Uchio, 1952 ; 1962a ; 1968 : Asano, 1958, p. 27, pl. 5, fig. 20 : Aoki, 1967 : Chiji and Lopez, 1968. (= *Textularia agglutinans* d'Orbigny var. *folium* Parker and Jones).
- Bolivinita quadrilatera* (Schwager). Oniomikado and Stach, 1948 : Higuchi, 1954 : Nagahama, 1954 : Asano, 1958, p. 27-28, pl. 4, figs. 18a, b : Uchio, 1962a : Aoshima, 1978. [**Textularia*].
- Borelis pygmaeus schlumbergeri* Reichel. Hanzawa, 1948.
- Borelis* sp. Kuwano, 1956, pl. 29, fig. 1.
- Brizalina acerosa* Cushman. Chiji and Lopez, 1968.
- Brizalina compacta* (Sidebottom). Chiji and Lopez, 1968. [**Bolivina*].
- Brizalina karreriana* (Brady). Hasegawa, 1979. [**Bolivina*].
- Brizalina robusta* (Brady). Tai, 1971. [**Bolivina*].
- Brizalina seminuda* (Cushman). Chiji and Lopez, 1968, p. 105, pl. 10, fig. 16 : Tai, 1971 : Hasegawa, 1979. [**Bolivina*].
- Brizalina spathulata* (Williamson). Chiji and Lopez, 1968. (= *Textularia variabilis* Williamson var. *spathulata* Williamson).
- Brizalina striatula* (Cushman). Chiji and Lopez, 1968, p. 105, pl. 10, figs. 17, 18. [*Bolivina*].
- Brizalina substriatula* (Asano). Tai, 1971. [**Bolivina*].
- Brizalina variabilis* (Williamson). Chiji and Lopez, 1968. [**Textularia*].
- Buccella calida* (Cushman and Cole). Ujiie and Kusukawa, 1969. (= *Eponides frigida* (Cush-

- man) var. *calida* Cushman and Cole).
- Buccella frigida* (Cushman). Uchio, 1959; 1962b: Ishiwada, 1964, pl. 6, figs. 91a-c: Shuto, 1965: Matoba, 1970, p. 49, pl. 4, figs. 1a-c, 2a-c; 1975; 1976b, c: Tai, 1971: Ikeya, 1970; 1971b: Hasegawa, 1979: Kato, 1979: Inoue, 1980, pl. 28, figs. 9a-c. [**Pulvinulina, Eponides*].
- Buccella frigida calida* (Cushman and Cole). Inoue, 1980. [*Eponides*].
- Buccella haidingerii* (d'Orbigny). Kato, 1979. [**Rotalina, Rotalia, Eponides*].
- Beccella hannai arctica* Voloshinova. Chiji and Konda, 1970.
- Beccella inusitata* Andersen. Harrington, 1960: Ishiwada, 1964, pl. 6, figs. 90a-c: Ikeya, 1970; 1971b: Matoba, 1975; 1976a, b, c: Aoshima, 1978: Inoue, 1980, pl. 28, figs. 10a-c.
- Beccella?* *makiyamae* Chiji. Matoba, 1970, p. 49, pl. 7, figs. 13a-c,
- Beccella nipponica* (Husezima and Maruhasi). Ujiie and Kusukawa, 1969: Tai, 1971: Inoue, 1980. [**Discorbis, Eponides*].
- Beccella orientalis* (Asano). Shuto, 1965. [**Eponides*].
- Beccella umbonata* (Reuss). Tai, 1971: Kato, 1979. [**Rotalina, Eponides, Oridorsalis*].
- Bulimina aculeata* d'Orbigny. Yabe and Hanzawa, 1925: Hanzawa, 1928: Hada, 1931, p. 127-128, text-figs. 84a, b: Ishiwada, 1950; 1964, pl. 4, fig. 51: Shuto, 1953: Nagahama, 1954: Asano, 1958, p. 2-3, pl. 1, figs. 1-3: Sawai, 1958: Harrington, 1960: Chiji and Lopez, 1968: Ikeya, 1971b: Matoba, 1976b: Aoshima, 1978.
- Bulimina buchiana* d'Orbigny. Hanzawa, 1928.
- Bulimina elongata* d'Orbigny. Shuto, 1953. (= *Bulimina pupoides* d'Orbigny var. *elongata* d'Orbigny).
- Bulimina elongata subulata* Cushman and Parker. Takayanagi, 1953b: Chiji and Lopez, 1968.
- Bulimina exilis* Brady. Asano, 1958, p. 3-4, pl. 3, figs. 7a, b: Matoba and Nakagawa, 1972: Ikeya, 1970, 1971b: Matoba, 1976a, b.
- Bulimina exilis tenuata* Cushman. Asano, 1958, p. 4, pl. 3, figs. 11, 12: Aoshima, 1978.
- Bulimina inflata* Seguenza. Yabe and Hanzawa, 1925: Hanzawa, 1928: Hada, 1937: Asano, 1937b; 1938: Nagahama, 1954: Harrington, 1960.
- Bulimina kochiensis* Takayanagi. Takayanagi, 1953b: Aoshima, 1978.
- Bulimina* cf. *kochiensis* Takayanagi, Kuwano, 1962, pl. 15, figs. 9, 10; 1963.
- Bulimina marginata* d'Orbigny. Yabe and Hanzawa, 1925: Hanzawa, 1928: Asano, 1937b; 1938; 1939; 1958, p. 4-6, pl. 1, figs. 5, 9-11: Ishiwada, 1950, p. 191, fig. 4; 1954; 1964, p. 39, pl. 4, figs. 52, 53: Nagahama, 1951; 1954: Takayanagi, 1953b; 1955, pl. 2, fig. 7: Morishima, 1955; Matsuda, 1957: Sawai, 1958: Uchio, 1962a, b; 1968: Kuwano, 1962, pl. 15, figs. 11-14: Aoki, 1967: Chiji and Lopez, 1968: Ujiie and Kusukawa, 1969: Matoba, 1970, p. 50, pl. 3, fig. 32; 1975; 1976a, b, c: Chiji and Konda, 1970: Ikeya, 1970; 1971b, 1977: Tai, 1971: Matoba and Nakagawa, 1972: Aoshima, 1978: Hasegawa, 1979: Inoue, 1980, pl. 27, fig. 15.
- Bulimina nipponica* Asano, 1958 (n. sp.), p. 6-7, pl. 1, figs. 13-15: Ishiwada, 1964, p. 39, pl. 4, figs. 54-56: Ikeya, 1971b: Aoshima, 1978.
- Bulimina ovata* d'Orbigny. Hanzawa, 1928. (= *Bulimina affinis* d'Orbigny var. *ovata* d'Orbigny).
- Bulimina pagoda* Cushman. Asano, 1958, pl. 1, fig. 6.
- Bulimina pupoides* d'Orbigny. Yabe and Hanzawa, 1925: Hanzawa, 1928. (= *Bulimina affinis* d'Orbigny var. *pupoides* d'Orbigny).
- Bulimina* (?) cf. *pupoides* d'Orbigny. Asano, 1958, p. 7-8, pl. 3, figs. 3, 4.

- Bulimina pyrula* d'Orbigny. Hanzawa, 1928. (= *Bulimina presli* Reuss var. *pyrula* d'Orbigny).
Bulimina pyrula var. *spinescens* Brady. Hanzawa, 1928.
Bulimina rostrata Brady. Hanzawa, 1928.
Bulimina spinosa (Heron-Allen and Earland). Matoba and Nakagawa, 1972 : Matoba, 1975 ; 1976a, b, c. [**Virgulina*]
Bulimina striata d'Orbigny. Asano, 1958, p. 8, pl. 1, figs. 4, 7, 8 : Matoba, 1976b : Aoshima, 1978.
Bulimina subaffinis Cushman. Asano, 1958, p. 8-9, pl. 3, fig. 5.
Bulimina subornata Brady. Asano, 1958, p. 9, pl. 3, fig. 10 : Chiji and Lopez, 1968 : Aoshima, 1978.
Bulimina tenuata Cushman. Ikeya, 1971b. (= *Bulimina exilis tenuata* Cushman).
Bulimina sp. Asano, 1958, p. 9, pl. 2, fig. 11.
Buliminella convoluta (Williamson). Hada, 1929. (= *Bulimina pupoides* d'Orbigny var. *convoluta* Williamson).
Buliminella elegantissima (d'Orbigny). Hada, 1929 ; 1936 ; 1957b : Ishiwada, 1950 ; 1964, pl. 4, fig. 50 : Yoshida, 1953b ; 1954, p. 156, fig. 3 : Takayanagi, 1953a ; 1955, p. 43, pl. 2, fig. 1 : Kuwano, 1953 : Uchio, 1959 ; 1962a, b ; 1968 : Chiji and Lopez, 1968, pl. 105, pl. 10, fig. 12 : Ujiie and Kusukawa, 1969 : Matoba, 1970, p. 50, pl. 3, fig. 24 ; 1975 ; 1976c : Ikeya, 1970 ; 1971b ; 1977 : Aoshima, 1978 : Kato, 1979 : Inoue, 1980. [**Bulimina*].
Buliminella elegantissima tenuis Cushman and McCulloch. Morishima and Chiji, 1952, pl. 1, figs. 2a, b.
Buliminella elegantissima (d'Orbigny) forma A. Kuwano, 1962, pl. 15, fig. 15.
Buliminella elegantissima (d'Orbigny) forma B. Kuwano, 1962, pl. 15, fig. 16.
Buliminella milletti Cushman. Uchio, 1952.
Buliminoides williamsoniana (Brady). Hanzawa, 1928 : Uchio, 1952 ; 1962a : Aoki, 1967. [**Bulimina*].
Calcarina calcar d'Orbigny, Asano, 1937b, p. 40. [**Camerina (Calcarina), Rotalia*].
Calcarina defrancii d'Orbigny. Kuwano, 1956, p. 278, pl. 29, figs. 10-14. (= *Calcarina spengleri* (Gmelin) var. *defrancii* d'Orbigny).
Calcarina hispida Brady. Yabe and Hanzawa, 1925 : Hanzawa, 1928 ; 1948 : Chiji and Lopez, 1968, p. 105, pl. 12, figs. 8a, b.
Calcarina cf. *hispida* Brady. Kuwano, 1956, p. 278-279, pl. 30, figs. 1-3.
Calcarina mayori Cushman. Asano, 1937b, p. 40.
Calcarina spengleri (Gmelin). Asano, 1937b, p. 40 : Hanzawa, 1948. [**Nautilus*].
Calcarina venusta Brady. Kuwano, 1953.
Calcarina venusta ozawai (Asano). Kuwano, 1953.
Camerina ammonoides (Gronovius). Uchio, 1962a. [**Nummulites*].
Cancris auriculus (Fichtel and Moll). Hada, 1931, p. 139, text-figs. 94a-c : Asano, 1937b ; 1938 ; 1939 : Oinomikado and Stach, 1948 : Uchio, 1952 : Nakaseko, 1953 : Shuto, 1953 ; 1965 : Takayanagi, 1953b ; 1955 : Morishima, 1955 : Kuwano, 1962, pl. 16, fig. 1 ; 1963 : Aoki, 1967 : Uchio, 1968 : Ujiie and Kusukawa, 1969 : Tai, 1971 : Matoba, 1975 ; 1976a, b, c : Aoshima, 1978. [**Nautilus*].
Cancris indicus (Cushman). Shuto, 1953. [**Pulvinulina*].
Cancris oblonga (Williamson). Shuto, 1953. [**Pulvinulina*].
Caribbeanella katasensis (Ujiie). Uchio, 1968. [**Pseudocibicides*].
Caribbeanella ogiensis (Matsunaga). Aoki, 1967 : Uchio, 1968 : Matoba, 1970, p. 50. [**Oinomi-*

- kadoina*].
- Caribbeanella polystoma* Bermudez, Ujiié and Kusukawa, 1969.
- Carpenteria proteiformis* Goës. Yabe and Hanzawa, 1925. (= *Carpenteria balaniformis* Gray var. *proteiformis* Goës).
- Carterina spiculotesta* (Carter). Uchio, 1952; 1968; Matoba, 1976c; Aoshima, 1978. [**Rotalia*].
- Cassidulina alternans* Yabe and Hanzawa, 1925 (n. sp.), p. 53-54, text-figs. a, b.
- Cassidulina asanoi* Uchio. Takayanagi, 1953b; Ishiwada, 1954; Tai, 1971.
- Cassidulina calabra* Seguenza. Yabe and Hanzawa, 1925; Hanzawa, 1928.
- Cassidulina californica* Cushman and Hughes. Hanzawa, 1933; 1934.
- Cassidulina californica* Cushman and Hughes var. *japonica* Asano and Nakamura. Ishiwada, 1950, p. 192, figs. 11a, b.
- Cassidulina carinata* Silvestri. Aoshima, 1978. (= *Cassidulina laevigata* d'Orbigny var. *carinata* Silvestri).
- Cassidulina complanata* Ujiié and Kusukawa, 1969 (n. sp.), p. 766, pl. 1, figs. 1-2.
- Cassidulina crassa* d'Orbigny. Yabe and Hanzawa, 1925; Hanzawa, 1928; Harrington, 1960.
- Cassidulina delicata* Cushman. Ishiwada, 1964, p. 42, pl. 7, fig. 95 (= *Cassidulina asanoi* Uchio): Matoba, 1976b.
- Cassidulina depressa* Asano and Nakamura. Uchio, 1968; Aoki, 1967; Ikaya, 1970; 1971b; Matoba, 1976c; Aoshima, 1978. (= *Cassidulina subglobosa depressa* Asano and Nakamura). [**Globocassidulina*].
- Cassidulina elegantissima* Cushman. Hanzawa, 1928.
- Cassidulina globosa* Hantken. Shuto, 1965.
- Cassidulina islandica* Nørvang. Ishiwada, 1964, pl. 7, fig. 96; Ikeya, 1970. [**Islandiella*].
- Cassidulina izuensis* Aoki, 1967 (n. sp.), p. 381, pl. 1, figs. 16-18.
- Cassidulina japonica* Asano and Nakamura. Asano, 1939, p. 1709, fig. 3; Kuwano, 1953; Shuto, 1953; Ishiwada, 1964, pl. 7, fig. 99; Ikeya, 1971b; Matoba and Nakagawa, 1972; Matoba, 1975; 1976b, c. [**Islandiella*].
- Cassidulina kasiwazakiensis* Husezima and Maruhasi. Ishiwada, 1950, p. 192; Iwasa, 1954; Ikeya, 1970.
- Cassidulina laevigata* d'Orbigny. Yabe and Hanzawa, 1925; Hanzawa, 1928; 1933; 1934; Ishiwada, 1950; Sawai, 1958; Chiji and Lopez, 1968.
- Cassidulina laevigata carinata* Cushman. Hanzawa, 1933; Takayanagi, 1955; Ishiwada, 1964, pl. 7, fig. 97.
- Cassidulina miuraensis* (Higuchi). Aoki, 1967. [**Cassidulinoides*].
- Cassidulina neocarinata* Thalmann. Kuwano, 1962, pl. 16, fig. 2; Aoki, 1967. (= *Cassidulina laevigata carinata* Cushman).
- Cassidulina norcrossi* Cushman. Kuwano, 1953; Ishiwada, 1964, p. 42, pl. 7, fig. 101 (= *Cassidulina kasiwazakiensis* Husezima and Maruhasi); Chiji and Konda, 1970, pl. 9, figs. 5a, b; Ikeya, 1970; Matoba, 1975; 1976b, c; Inoue, 1980, pl. 28, figs. 7a-c.
- Cassidulina norvangi* Thalmann. Kuwano, 1953; Uchio, 1959; Matoba, 1975; 1976b, c (= *Cassidulina islandica* Nørvang var. *norvangi* Thalmann). [*Islandiella*].
- Cassidulina orientale* Cushman. Asano, 1937b; 1939; Hanzawa, 1948; Ishiwada, 1950; Uchio, 1952; 1968; Nagahama, 1954; Takayanagi, 1955; Morishima, 1955; Aoshima, 1978.
- Cassidulina oshimai* Aoki, 1967 (n. sp.), p. 381, pl. 1, figs. 10-15.
- Cassidulina pacifica* Cushman. Hanzawa, 1934; Fukuta, 1951; Morishima, 1955.
- Cassidulina setanaensis* Asano and Nakamura. Ishiwada, 1964, pl. 7, fig. 100; Chiji and

Konda, 1970 : Ikeya, 1971b.

- Cassidulina subglobosa* Brady. Yabe and Hanzawa, 1925 : Hanzawa, 1928 ; 1933 ; 1948 : Asano, 1938, p. 1258 ; 1939, p. 1708, fig. 1 : Oinomikado and Stach, 1948 : Ishiwada, 1950 : Uchio, 1952 ; 1959 ; 1962a ; 1968 : Takayanagi, 1953b ; 1955 : Kuwano, 1953 ; 1962, pl. 16, fig. 3 ; 1963 : Shuto, 1953 ; 1965 : Nagahama, 1954 : Sawai, 1955 : Morishima, 1955 : Aoki, 1967 : Ujiie and Kusukawa, 1969 : Ikeya, 1971b : Matoba, 1975 ; 1976a, c. [*Globocassidulina*].
- Cassidulina subglobosa depressa* Asano and Nakamura. Asano, 1938, p. 1258 ; 1939, p. 1708, fig. 2 : Takayanagi, 1955 : Kuwano, 1962, pl. 16, fig. 4 : Ishiwada, 1964, pl. 7, fig. 98 : Tai, 1971. (= *Cassidulina depressa* Asano and Nakamura).
- Cassidulina subglobosa* Brady var. *parva* Asano and Nakamura. Harrington, 1960. (= *Cassidulina subglobosa depressa* Asano and Nakamura).
- Cassidulina subglobosa quadrata* Cushman. Hanzawa, 1934.
- Cassidulina sublimbata* Asano and Nakamura. Kuwano, 1953 : Chiji and Konda, 1970 : Ikeya, 1970 ; 1971b : Matoba, 1975 ; 1976c.
- Cassidulina teretis* Tappan. Ujiie and Kusukawa, 1969.
- Cassidulina translucens* Cushman and Hughes. Ishiwada, 1964, pl. 7, fig. 102.
- Cassidulina wakasaensis* Asano and Nakamura. Asano, 1939 : Ishiwada, 1964, p. 42, pl. 7, fig. 105 : Chiji and Konda, 1970, pl. 9, fig. 4.
- Cassidulina yabei* Asano and Nakamura. Ishiwada, 1950, p. 192, fig. 10 ; 1964, p. 42-43, pl. 7, figs. 103, 104 : Chiji and Konda, 1970, pl. 9, figs. 3a, b : Ikeya, 1971b : Matoba and Nakagawa, 1972 : Matoba, 1975 ; 1976c : Inoue, 1980, pl. 28, figs. 5a-c.
- Cassidulina* sp. Ishiwada, 1964, pl. 7, fig. 107.
- Cassidulinoides bradyi* (Norman). Ishiwada, 1964, pl. 7, fig. 107. [**Cassidulina*].
- Cassidulinoides japonicus* Kuwano, 1962 (n. sp.), pl. 16, fig. 5 ; 1963. (*nom. nud.*).
- Cassidulinoides kattoi* (Takayanagi). Aoshima, 1978. [**Cassidulina*].
- Cassidulinoides parkerianus* (Brady). Matoba, 1976b : Aoshima, 1978. [**Cassidulina*].
- Cassidulinoides tenuis* Phleger and Parker. Aoshima, 1978.
- Cellanthus craticulatus* (Fichtel and Moll). Chiji and Lopez, 1968, p. 105, pl. 13, fig. 9. [**Nautilus, Elphidium*].
- Chilostomella fimbriata* (Cushman). Ishiwada, 1954 : Ikeya, 1971b : Matoba, 1976b. [**Chilostomellina*].
- Chilostomella oolina* Schwager. Ishiwada, 1964, pl. 7, fig. 109 : Matoba, 1976b : Aoshima, 1978.
- Chilostomella ovoidea* Reuss. Yabe and Hanzawa, 1925 : Hanzawa, 1928 : Ishiwada, 1954 : Kuwano, 1962, pl. 16, figs. 6, 7 ; 1963 : Uchio, 1968 : Aoshima, 1978.
- Chilostomellina fimbriata* Cushman. Ishiwada, 1964, pl. 7, figs. 110a, b. [*Chilostomella*].
- Chrysalidinella dimorpha* (Brady). Asano, 1937a ; 1938 ; 1958, p. 17, pl. 1, fig. 18 : Hanzawa, 1948 : Uchio, 1952 ; 1962a ; 1968 : Shuto, 1953 : Higuchi, 1954 : Takayanagi, 1955 : Morishima, 1955 : Harrington, 1960 : Aoki, 1967 : Matoba, 1970, p. 50, pl. 3, figs. 34a, b ; 1975 ; 1976c : Kato, 1979. [**Chrysalidina*].
- Chrysalidinoides pacificus* Uchio, 1952 (n. sp.), p. 154, pl. 7, figs. 6a-c.
- Cibicidella variabilis* (d'Orbigny). Asano, 1939 : Fukuta, 1951 : Ikeya, 1971b. [**Truncatulina*].
- Cibicides asanoi* Matsunaga. Inoue, 1980, pl. 28, figs. 11a-c.
- Cibicides aknerianus* (d'Orbigny). Shuto, 1953 : Takayanagi, 1955 : Ishiwada, 1964, pl. 8, figs. 114a, b : Chiji and Lopez, 1968 : Matoba, 1970, p. 50, pl. 8, figs. 4a-c ; 1975 ; 1976b, c :

- Tai, 1971 : Ikeya, 1971b ; 1977 : Aoshima, 1978 : Kato, 1979. [**Rotalina, Truncatulina*].
- Cibicides bradyi* (Trauth). Aoshima, 1978. [**Truncatulina*].
- Cibicides cushmani* Ujiie and Kusukawa, 1969 (n. sp.), p. 769, pl. 3, figs. 1-3, pl. 4, figs. 1-3, pl. 5, fig. 3.
- Cibicides haidingerii* (d'Orbigny). Kuwano, 1962, pl. 16, figs. 8, 9 : Aoshima, 1978. [**Rotalina, Buccella, Eponides, Heterolepa*].
- Cibicides kiiensis* Uchio, 1962a (n. sp.). (*nom. nud.*)
- Cibicides lobatulus* (Walker and Jacob). Hada, 1929 ; 1931, p. 141-142, text-figs. 95a-c ; 1936 ; 1937 : Asano, 1937a, pl. 16, figs. 7a-c ; 1937b ; 1938 ; 1939 : Morishima, 1947 ; 1948a : Oinomikado and Stach, 1948 : Hanzawa, 1948 : Ishiwada, 1950 ; 1964 : Uchio, 1952 ; 1962a ; 1968 : Morishima and Chiji, 1952 : Takayanagi, 1953a, b ; 1955, pl. 2, figs. 23a, b : Shuto, 1953 : Nakaseko, 1953 : Iwasa, 1954 : Higuchi, 1954 : Morishima, 1955 : Sawai, 1955 ; 1958 : Nagahama, 1954 : Harrington, 1960 : Chiji and Lopez, 1968, p. 105, pl. 14, figs. 7a, b : Ujiie and Kusukawa, 1969, pl. 5, figs. 1, 4 : Matoba, 1970, p. 50, pl. 8, figs. 5a-c, 6a-c ; 1975 ; 1976a, b, c : Chiji and Konda, 1970 : Tai, 1971 : Ikeya, 1970 ; 1971b ; 1977 : Aoshima, 1978 : Hasegawa, 1979 : Kato, 1979 : Inoue, 1980. [**Nautilus, Truncatulina*].
- Cibicides margaritiferus* (Brady). Kuwano, 1962, pl. 17, fig. 1 : Ishiwada, 1964, pl. 8, figs. 117a, b : Uchio, 1968. [**Truncatulina*].
- Cibicides mayori* (Cushman). Aoki, 1967. [**Truncatulina*].
- Cibicides pacificus* Cushman. Aoki, 1967.
- Cibicides praecinctus* (Karrer). Kuwano, 1962, pl. 17, figs. 2, 3 ; 1963 : Shuto, 1965 : Aoshima, 1978. [**Rotalia, Eponides, Truncatulina*].
- Cibicides pseudoungerianus* (Cushman). Asano, 1937a, b ; 1938 ; 1939 : Ishiwada, 1950 ; 1964, pl. 8, figs. 115a, b : Morishima, 1948b ; 1950 ; 1955 : Fukuta, 1951 : Uchio, 1952 : Shuto, 1953 : Kuwano, 1953 : Nagahama, 1954 : Takayanagi, 1955, pl. 2, figs. 24a-c : Matsuda, 1957 : Harrington, 1960 : Aoki, 1967 : Chiji and Lopez, 1968, p. 105, pl. 14, figs. 5a, b : Chiji and Konda, 1970, pl. 9, figs. 2a, b : Matoba, 1970, p. 50 ; 1975 ; 1976a, c : Tai, 1971 : Ikeya, 1971b : Aoshima, 1978 : Hasegawa, 1979 : Kato, 1979. [**Truncatulina*].
- Cibicides refulgens* Monfort. Asano, 1937a, b ; 1938 ; 1939 : Oinomikado and Stach, 1948 : Ishiwada, 1950 ; 1954 : Morishima, 1948a, b ; 1950 ; 1955 : Hanzawa, 1948 : Fukuta, 1951 : Uchio, 1952 ; 1962a, b ; 1968 : Shuto, 1953 ; 1965 : Nagahama, 1954 : Takayanagi, 1955 : Sawai, 1955 ; 1958 : Harrington, 1960 : Aoki, 1967 : Chiji and Lopez, 1968, p. 105, pl. 14, figs. 6a, b : Chiji and Konda, 1970 : Hasegawa, 1979 : Kato, 1979.
- Cibicides robertsonianus* (Brady). Ishiwada, 1964, pl. 8, fig. 116. [*Truncatulina*].
- Cibicides subhaidingerii* Parr. Shuto, 1965 : Chiji and Lopez, 1968, p. 105, pl. 14, figs. 4a-c : Chiji and Konda, 1970.
- Cibicides* ? *subhaidingerii* Parr. Ujiie and Kusukawa, 1969, pl. 3, figs. 4, 5, pl. 4, figs. 4, 5, pl. 5, fig. 2.
- Cibicides tenuimargo* (Brady). Shuto, 1953 ; 1965 : Uchio, 1968. [**Truncatulina*].
- Cibicides ungerianus* (d'Orbigny). Hanzawa, 1933 ; 1934 : Fukuta, 1951. [**Rotalina*].
- Cibicides wuellerstorfi* (Schwager). Hanzawa, 1933 ; 1934. [**Anomalina, Planulina, Truncatulina*].
- Cibicides* sp. Kuwano, 1962, pl. 17, figs. 4, 5.
- Clavulina communis* d'Orbigny. Yabe and Hanzawa, 1925 : Hanzawa, 1928. [*Martinottiella*].
- Clavulina pacifica* Cushman. Uchio, 1952, p. 151, pl. 6, figs. 4a, b (= *Clavulina angularis*

Brady).

- Clavulina parisiensis* d'Orbigny. Yabe and Hanzawa, 1925 : Hanzawa, 1928.
Clavulina spiculata Hada, 1957b (n. sp.). (*nom. nud.*).
Clavulina tosaensis Asano. Shuto, 1953 : Hada, 1957b : Sawai, 1958 : Aoshima, 1978.
Clavulina tosaensis Asano var. *Ishiwada*, 1964, p. 35, pl. 1, fig. 12.
Clavulina yabei Asano. Shuto, 1965.
Clavulina yabei akiensis Asano. Sawai, 1958 : Shuto, 1965 : Uchio, 1968 : Chiji and Lopez, 1968.
Conorboides advena (Cushman). Chiji and Lopez, 1968. [**Discorbis*].
Cornuspira carinata (Costa). Hada, 1929. [**Operculina*].
Cornuspira cf. *carinata* (Costa). Asano, 1956b, p. 80, pl. 9, fig. 15.
Cornuspira crassisepta Brady. Asano, 1956b, p. 80, pl. 9, fig. 18.
Cornuspira foliaceae (Philippi). Hanzawa, 1928. [**Orbis, Cornuspiroides*].
Cornuspira involvens (Reuss). Hada, 1929 ; 1931, p. 89-90, text-figs. 42a, b ; 1936 : Asano, 1939 ; 1956b, p. 80-81, pl. 7, fig. 1 : Hanzawa, 1948 : Uchio, 1952 ; 1962a : Takayanagi, 1953a ; 1955, pl. 1, fig. 21. [**Operculina, Cyclogyra*].
Cornuspira japonica Asano, 1939 (n. sp.). (*nom. nud.*).
Cornuspira planorbis Schultze. Yoshida, 1954. [*Cyclogyra*].
Cornuspiroides foliaceus (Philippi). Asano, 1939. [**Orbis, Cornuspira*].
Cribrorhynchium arcticum Tappan. Morishima and Chiji, 1952, pl. 2, figs. 4a, b.
Cribrorhynchium frigidum (Cushman). Chiji and Konda, 1970. [**Elphidium*].
Cribrorhynchium oregoense (Cushman and Grant). Morishima and Chiji, 1952 ; Chiji and Konda, 1970. [**Elphidium*].
Cribrorhynchium yabei (Asano). Inoue, 1980, pl. 27, figs. 24a, b. [**Elphidium*].
Cribrorhynchium curtus (Cushman). Shuto, 1953 : Takayanagi, 1953a, b ; 1955 : Iwasa, 1954 : Higuchi, 1954 : Shuto, 1965. (= *Quinqueloculina disparilis* d'Orbigny var. *curta* Cushman).
Cribrorhynchium advenum (Cushman). Ujiié and Kusukawa, 1969. [**Polystomella, Elphidium*].
Cribrorhynchium advenum depressulum (Cushman). Ujiié and Kusukawa, 1969. [**Elphidium*].
Cribrorhynchium clavatum (Cushman). Inoue, 1980, pl. 27, figs. 26a, b. [**Elphidium*].
Cribrorhynchium milletti (Heron-Allen and Earland). Ujiié and Kusukawa, 1969. [**Polystomella, Elphidium*].
Cribrorhynchium miyakoense Ujiié and Kusukawa, 1969 (n. sp.), p. 766-767, pl. 1, figs. 3-7.
Cribrorhynchium subarcticum (Cushman). Inoue, 1980, pl. 27, figs. 23a, b. [**Elphidium*].
Cribrorhynchium subgranulosum (Asano), Ujiié and Kusukawa, 1969 : Inoue, 1980. [**Elphidium*].
Cribrorhynchium bradyi Cushman. Hanzawa, 1928.
Cribrorhynchium columbiense (Cushman). Chiji and Lopez, 1968, p. 105, pl. 6, figs. 2a, b : Chiji and Konda, 1970, pl. 8, fig. 6. [**Haplophragmoides, Alveolophragmium*].
Cribrorhynchium columbiense evolutum (Cushman and McCulloch). Chiji and Konda, 1970, pl. 8, fig. 7 : Matoba, 1975 ; 1976a, c. (= *Haplophragmoides columbiense* Cushman var. *evolutum* Cushman and McCulloch).
Cribrorhynchium crassimargo (Norman). Chiji and Konda, 1970, pl. 8, figs. 5a, b : Matoba, 1976a. [**Haplophragmium, Haplophragmoides, Labrospira, Alveolophragmium*].
Cribrorhynchium jeffreysi (Williamson). Chiji and Konda, 1970. [**Nonionina, Alveolophragmium*].
Cribrorhynchium cf. *quadratus* (Uchio). Chiji and Konda, 1970, pl. 8, figs. 8a, b. [**Haplophragmoides*].

- Cribrostomoides scitulum* (Brady). Chiji and Konda, 1970, pl. 8, figs. 9a, b. [**Haplophragmium, Alveolophragmium, Haplophragmoides, Labrospira*].
- Cribrostomoides subglobosum* (Sars). Chiji and Konda, 1970 : Matoba, 1976a. [**Lituola, Haplophragmoides*].
- Cribrostomoides trullissatum* (Brady). Chiji and Konda, 1970. [**Trochammina*].
- Cristellaria articulata* Reuss. Yabe and Hanzawa, 1925.
- Cristellaria calcar* Linné. Ikari, 1927, p. 5, pl. 2, figs. 1a-d. [*Robulus, Lenticulina*].
- Cristellaria convergens* Bornemann. Yabe and Hanzawa, 1925 : Hanzawa, 1928.
- Cristellaria crepidula* Fichtel and Moll. Yabe and Hanzawa, 1925 : Ikari, 1927, p. 5, pl. 2, fig. 2. [*Astacolus*].
- Cristellaria iota* Cushman. Hanzawa, 1928.
- Cristellaria italica* (Defrance). Hanzawa, 1928. [**Saracenaria*].
- Cristellaria orbicularis* d'Orbigny. Yabe and Hanzawa, 1925 : Hanzawa, 1928. [*Robulus, Lenticulina*].
- Cristellaria rotulata* (Lamarck). Yabe and Hanzawa, 1925 : Hanzawa, 1928. [**Lenticulites*].
- Cristellaria tricarinelata* Reuss. Ikari, 1927, p. 5, pl. 2, fig. 3.
- Cristellaria voltex* Fichtel and Moll. Hanzawa, 1928.
- Crithionina pisa* Goës. Hada, 1931, p. 50, text-fig. 1 ; 1957b.
- Cyclammina bradyi* Cushman. Yabe and Hanzawa, 1925 : Hanzawa, 1928 : Ishiwada, 1964, pl. 1, fig. 6.
- Cyclammina cancellata* Brady. Yabe and Hanzawa, 1925 : Hanzawa, 1928 : Ishiwada, 1964, pl. 1, fig. 7.
- Cycloclypeus carpenteri* Brady. Hanzawa, 1948.
- Cycloclypeus gümbelianus-carpenteri* Brady. Hanzawa, 1928.
- Cyclogyra involvens* (Reuss). Uchio, 1968 : Chiji and Lopez, 1968, p. 105, pl. 7, fig. 5 : Ujiié and Kusukawa, 1969. [**Operculina, Cornuspira*].
- Cyclogyra planorbis* (Schultz). Aoki, 1967 : Matoba, 1970, p. 50, pl. 2, figs. 1a, b ; 1975 ; 1976c : Ikeya, 1977. [**Cornuspira*].
- Cymbalopora bradyi* Cushman. Asano, 1937a : Hanzawa, 1948 : Fukuta, 1951 : Higuchi, 1954. (= *Cymbalopora poeyi* (d'Orbigny) var. *bradyi* Cushman). [*Cymbaloporetta*].
- Cymbalopora poeyi* (d'Orbigny). Hanzawa, 1928 : Hada, 1929 : Shuto, 1953. [**Rosalina*].
- Cymbalopora poeyi* var. *bradyi* Cushman. Ikari, 1927, p. 6, pl. 2, figs. 10a-c.
- Cymbalopora squamosa* (d'Orbigny). Hanzawa, 1948. [**Rosalina*].
- Cymbaloporetta bradyi* (Cushman). Oinomikado and Stach, 1948 : Takayanagi, 1953b : Kuwana, 1956, p. 280, pl. 30, figs. 10, 11 : Uchio, 1962a ; 1968 : Aoki, 1967 : Chiji and Lopez, 1968, p. 105, pl. 14, figs. 9a, b : Matoba, 1970, p. 50, pl. 8, figs. 7a-c ; 1976c : Ikeya, 1977 : Aoshima, 1978. [**Cymbalopora*].
- Cymbaloporetta squamosa* (d'Orbigny). Takayanagi, 1953b : Morishima, 1955 : Tai, 1971 : Matoba, 1975 ; 1976c. [**Rosalina*].
- Cystammina pauciloculata* (Brady). Chiji and Konda, 1970. [**Trochammina*].
- Dendrophrya arborescens* (Norman). Aoshima, 1978. [**Psammatodendron*].
- Dentalina baggi* Galloway and Wissler. Ikeya, 1970 ; 1971b.
- Dentalina californica* Cushman and Gray. Uchio, 1968.
- Dentalina communis* d'Orbigny. Hada, 1931, p. 95-96, text-fig. 48 : Asano, 1937b ; 1939 ; 1956a, p. 16-17, pl. 4, figs. 15-17 : Takayanagi, 1955 : Aoshima, 1978. [*Nodosaria*].
- Dentalina consobrina* d'Orbigny. Sawai, 1958.

- Dentalina* cf. *consobrina* d'Orbigny. Asano, 1956a, p. 18, pl. 4, fig. 29.
- Dentalina consobrina* d'Orbigny var. *emaciata* Reuss. Hada, 1931, p. 96-97, text-fig. 49.
- Dentalina jecepta* (Bagg). Takayanagi, 1953b. [**Nodosaria*].
- Dentalina emaciata* Reuss. Asano, 1937b; 1939; 1956a, p. 17-18, pl. 4, figs. 18-24; Morishima, 1955; Sawai, 1958; Shuto, 1965; Aoshima, 1978. (= *Dentalina consobrina* d'Orbigny var. *emaciata* Reuss).
- Dentalina filiformis* (d'Orbigny). Asano, 1956a, p. 18, pl. 4, fig. 30; Aoshima, 1978. [**Nodosaria*].
- Dentalina guttifera* d'Orbigny. Ujiié and Kusukawa, 1969; Ikeya, 1970.
- Dentalina hanzawai* Asano, 1939 (n. sp.). (*nom. nud.*).
- Dentalina inflexa* (Reuss). Asano, 1956a, p. 20, pl. 4, figs. 36, 37. [**Nodosaria (Dentalina)*].
- Dentalina intorta* (Dervieux). Uchio, 1968. [**Nodosaria*].
- Dentalina ittai* Loeblich and Tappan. Chiji and Konda, 1970; Matoba, 1970, p. 50, pl. 3, fig. 13; Ikeya, 1971b.
- Dentalina mucronata* Neugeboren. Asano, 1939; 1956a, p. 14-15, pl. 4, figs. 27, 28; Aoshima, 1978.
- Dentalina mutsui* Hada, 1931 (n. sp.), p. 97-98, text-fig. 50.
- Dentalina pauperata* d'Orbigny. Ikeya, 1970.
- Dentalina* cf. *roemeri* Neugebore. Asano, 1956a, p. 15, pl. 14, figs. 25, 26.
- Dentalina setanaensis* Asano. Asano, 1956a, p. 19, pl. 4, figs. 31, 32.
- Dentalina sidebottomi* Cushman. Uchio, 1968.
- Dentalina sribesiensis* Asano. Asano, 1956a, p. 19, pl. 4, figs. 33, 34.
- Dentalina soluta* Reuss. Asano, 1939; Hanzawa, 1948.
- Dentalina subemaciata* Parr. Uchio, 1968.
- Dentalina subsoluta* (Cushman). Asano, 1956a, p. 19-20, pl. 4, figs. 35, 38-50. [**Nodosaria*].
- Dentalina yabei* Asano. Asano, 1939, p. 1708; 1956a, p. 15-16, pl. 4, figs. 14.
- Dimorphina tuberosa* d'Orbigny. Hada, 1931, p. 114, text-fig. 72.
- Discammina compressa* (Goës). Ikeya, 1970; 1971b; Matoba, 1975; 1976a, c. (= *Lituolina irregularis* Roemer var. *compressa* Coës).
- Discanomalina kuwanoi* Aoki, 1967 (n. sp.), p. 381-382, pl. 1, figs. 19-20, 23, 24.
- Discopulvinulina australis* (Parr). Takayanagi, 1953b; 1955; Higuchi, 1954. [**Discorbis, Rosalina*].
- Discopulvinulina bertheloti* (d'Orbigny). Takayanagi, 1953b; Higuchi, 1954; Nagahama, 1954. [**Rosalina, Discorbinella, Discorbis*].
- Discopulvinulina bradyi* (Cushman). Takayanagi, 1953a; 1955, p. 44, pl. 2, figs. 5a, b; Iwasa, 1954; Higuchi, 1954; Kuwano, 1954 (= *Discorbis (Discopulvinulina) bradyi* (Cushman)); Shuto, 1965; Ikeya, 1970. [**Discorbis, Rosalina*].
- Discopulvinulina hofkeri* Asano. Takayanagi, 1953b.
- Discopulvinulina* cf. *nitida* (Williamson). Takayanagi, 1955, p. 44, pl. 2, figs. 8a, b. [**Rosalina, Discorbinella, Discorbis*].
- Discopulvinulina orbicularis* (Terquem). Takayanagi, 1955; Shuto, 1965. [**Rosalina, Discorbis*].
- Discopulvinulina stachi* Asano. Takayanagi, 1955, p. 44, pl. 2, figs. 9a, b. [*Neoconorbina, Rosalina*].
- Discorbina bertheloti* (d'Orbigny). Yabe and Hanzawa, 1925; Ikari, 1927, p. 6, pl. 2, figs. 11a, b; Sawai, 1958. [**Rosalina, Discopulvinulina, Discorbinella, Discorbis*].

- Discorbina vilardeboana* (d'Orbigny). Yabe and Hanzawa, 1925. [**Rosalina, Discorbis*].
- Discorbinella araucana* (d'Orbigny). Chiji and Lopez, 1968. [**Rosalina, Discorbis*].
- Discorbinella bertheloti* (d'Orbigny). Matoba, 1976c. [**Rosalina, Discopulvinulina, Discorbis*].
- Discorbinella bradyi* (Cushman). Ikeya, 1971b. [**Discorbis, Discopulvinulina, Rosalina*].
- Discorbinella concinna* (Brady). Ikeya, 1970. [**Discorbina, Rosalina*].
- Discorbinella nitida* (Williamson). Ikeya, 1970. [**Rosalina, Discopulvinulina, Discorbis*].
- Discorbis araucana* (d'Orbigny). Morishima and Chiji, 1952. [**Rosalina, Discorbinella*].
- Discorbis australensis* Heron-Allen and Earland. Higuchi, 1954; Takayanagi, 1955; Kato, 1979. [*Glabratella*].
- Discorbis australis* Parr. Shuto, 1965. [*Discopulvinulina, Rosalina*].
- Discorbis bacconica* (Hantken). Sawai, 1958. [**Discorbina*].
- Discorbis bertheloti* (d'Orbigny). Oinomikado and Stach, 1948; Shuto, 1953; Morishima, 1955. [**Rosalina, Discorbina, Discopulvinulina, Discorbinella*].
- Discorbis bradyi* Cushman. Asano, 1937a; 1938; Oinomikado and Stach, 1948; Fukuta, 1951; Harrington, 1960. [*Discopulvinulina, Discorbinella, Rosalina*].
- Discorbis candeiana* (d'Orbigny). Hada, 1939. [**Rosalina*].
- Discorbis concinna* (Brady). Shuto, 1965. [**Discorbina, Discorbinella, Rosalina*].
- Discorbis globularis* (d'Orbigny). Hada, 1929; Morishima, 1947; 1948b; 1950; 1955; Uchio, 1952. [**Rosalina*].
- Discorbis globularis bradyi* Cushman. Hanzawa, 1928; Asano, 1937a.
- Discorbis imperatoria globosa* Millett. Oinomikado and Stach, 1948.
- Discorbis isabelleana* (d'Orbigny). Shuto, 1953. [**Rosalina, Discopulvinulina*].
- Discorbis karsteni* (Reuss). Asano, 1938. [**Rotalia*].
- Discorbis mira* Cushman. Morishima, 1955; Chiji and Lopez, 1968.
- Discorbis nakamurai* Asano. Takayanagi, 1955; Kato, 1979. [*Glabratella, Neoconorbina, Pileolina*].
- Discorbis nitida* (Williamson). Fukuta, 1951. [**Rotalina, Discorbinella, Discorbis (Discopulvinulina)*].
- Discorbis (Discopulvinulina) nitida* (Williamson). Kuwano, 1953. [**Rotalina, Discorbinella*].
- Discorbis opercularis* (d'Orbigny). Hanzawa, 1928; 1948; Hada, 1929; Asano, 1937a, pl. 16, figs. 4a-c; 1938; Oinomikado and Stach, 1948; Uchio, 1952; Nagahama, 1954; Takayanagi, 1955, p. 44, pl. 2, figs. 4a, b; Shuto, 1955; 1965; Morishima, 1955; Harrington, 1960; Ikeya, 1971b; Kato, 1979. [**Rosalina, Glabratella, Neoconorbina, Pileolina*].
- Discorbis orbicularis* (Terquem). Hanzawa, 1928; 1948; Asano, 1937a, b; Oinomikado and Stach, 1948; Ishiwada, 1950; Uchio, 1952; Shuto, 1953; Morishima, 1955. [**Rosalina, Discopulvinulina*].
- Discorbis (Discopulvinulina) orbicularis stachi* Asano. Kuwano, 1953.
- Discorbis ozawai* Asano. Takayanagi, 1955; Shuto, 1965.
- Discorbis patelliformis* (Brady). Hanzawa, 1928; Asano, 1937a; Morishima, 1947; 1948a; Uchio, 1952. [**Discorbina, Glabratella, Neoconorbina, Pileolina*].
- Discorbis pileorus* (d'Orbigny). Hanzawa, 1928. [**Valvulina*].
- Discorbis procera* (Brady). Asano, 1937a; Hanzawa, 1948. [**Pulvinulina*].
- Discorbis pulvinatus* (Brady). Uchio, 1952; Shuto, 1953. [**Discorbina*].
- Discorbis pulvinatus* var. *makinoi* Uchio, 1952 (n. var.), p. 155, pl. 7, figs. 5a-c. [*Glabratella*].
- Discorbis rosacea* (d'Orbigny). Hada, 1936. [**Rotalia (Rotalie)*].
- Discorbis subfilosa* (Brady) (? *Discorbis subfilosa* Cushman). Shuto, 1953.

- Discorbis subopercularis* Asano. Shuto, 1953; Kato, 1979. [*Glabratella*, *Neoconorbina*, *Pileolina*].
- Discorbis turbo* (d'Orbigny). Hanzawa, 1928. [**Rotalia* (*Trochulina*)].
- Discorbis valvulata* (d'Orbigny). Hanzawa, 1928. [**Rosalina*].
- Discorbis vilardeboanus* (d'Orbigny). Hada, 1929; 1937; Oinomikado and Stach, 1948; Shuto, 1953; Morishima, 1955; Sawai, 1955; 1958. [**Rosalina*, *Discorbina*].
- Dorothia exilis* Cushman. Matoba, 1975; 1976a, c.
- Dorothia pauperata* (Cushman). Matoba, 1975; 1976c. [**Gaudryina*].
- Dorothia scabra* (Brady). Ujiié and Kusukawa, 1969. [**Gaudryina*].
- Dyocibicides biserialis* Cushman and Valentine. Aoki, 1967; Uchio, 1968; Aoshima, 1978.
- Dyocibicides perforata* Cushman and Valentine. Matoba, 1970, p. 50.
- Eggerella advena* (Cushman). Kuwano, 1953; Takayanagi, 1953b; Matsuda, 1957; Uchio, 1959; 1962b; Ishiwada, 1964, pl. 1, fig. 13; Ujiié and Kusukawa, 1969; Ikeya, 1970; 1971b; Matoba and Nakagawa, 1972; Matoba, 1975; 1976a, c; Aoshima, 1978. [**Verneuilina*].
- Eggerella propinqua* (Brady). Iwasa, 1954; Takayanagi, 1955, p. 40-41, pl. 1, fig. 8; Matoba, 1970, p. 51, pl. 1, figs. 20a, b; 1975; 1976c. [**Verneuilina*].
- Eggerella pusilla* (Goës). Matoba, 1976b. [**Verneuilina*].
- Eggerella scabra* (Williamson). Ishiwada, 1950; Kuwano, 1953; Uchio, 1962b; Matoba, 1970, p. 51, pl. 1, figs. 21, 22; 1976b. [**Bulimina*, *Verneuilina*].
- Ehrenbergina pacifica* Cushman. Hanzawa, 1928; Ishiwada, 1964.
- Ehrenbergina serrata* Reuss. Yabe and Hanzawa, 1925.
- Ehrenbergina trigona* Goës. Aoshima, 1978.
- Eilohedra nipponica* (Kuwano). Matoba and Nakagawa, 1972; Matoba, 1975; 1976a, b, c; Inoue, 1980. [**Epistominella*, *Pseudoparella*].
- Elphidiella arctica* (Parker and Jones). Morishima, 1952; Kuwano, 1953; Ikeya, 1971b. [**Polystomella*].
- Elphidiella sibirica* (Goës). Kuwano, 1953; Takayanagi, 1953. [**Polystomella*, *Elphidium*].
- Elphidiella* cf. *sibirica* (Goës). Morishima and Chiji, 1952, pl. 1, figs. 7a, b.
- Elphidium abyssicola* Ishiwada, 1964 (n. sp.), p. 38-39, text-fig., pl. 3, figs. 48, 49; Ikeya, 1970.
- Elphidium advenum* (Cushman). Hada, 1937; 1939; Asano, 1937a, b; 1938; 1939; 1960, p. 195-196, pl. 22, figs. 3a, b; Morishima, 1947; 1948a; 1955; Oinomikado and Stach, 1948; Ishiwada, 1950; 1958; 1964, pl. 3, fig. 42; Fukuta, 1951; Morishima and Chiji, 1952, pl. 1, figs. 5a, b; Nakaseko, 1953; Shuto, 1953; 1965; Takayanagi, 1953a, b; 1955, p. 42, pl. 1, fig. 24; Kuwano, 1953; 1962, pl. 17, fig. 6; Iwasa, 1954; Higuchi, 1954; Yoshida, 1954; Nagahama, 1954; Sawai, 1955; 1958; Matsuda, 1957; Uchio, 1962a, b; Aoki, 1967; Chiji and Lopez, 1968, p. 106, pl. 13, fig. 1; Matoba, 1970, p. 51; 1975; 1976a, c; Chiji and Konda, 1970; Tai, 1971; Ikeya, 1970; 1971b, 1977; Aoshima, 1978; Hasegawa, 1979; Kato, 1979; Inoue, 1980. [**Polystomella*, *Cribrononion*].
- Elphidium advenum depressulum* Cushman. Ishiwada, 1964, pl. 3, fig. 43; Ikeya, 1971b. [*Cribrononion*].
- Elphidium advenum miyatensis* Fujita. Asano, 1960, p. 197, pl. 22, figs. 1, 2a, b.
- Elphidium advenum* (Cushman) var. Asano, 1960, p. 196-197, pl. 22, figs. 10a, b.
- Elphidium articulatum* (d'Orbigny). Iwasa, 1954; Sawai, 1955. [**Polystomella*].
- Elphidium articulatum rugulosum* Cushman and Wickenden. Chiji and Lopez, 1968.

- Elphidium bartletti* Cushman. Uchio, 1959 (= *Criboelphidium arcticum* Tappan): Ishiwada, 1964, p. 38, pl. 3, fig. 44 (= *Elphidium yabei* Asano; *Elphidium etigoense* Husezima and Maruhasi; *Criboelphidium arcticum* Tappan): Ikeya, 1970; 1971b: Hasegawa, 1979.
- Elphidium batialis* Saidova. Matoba, 1976b (= *Elphidium abyssicola* Ishiwada).
- Elphidium bosoensis* (Fujita). Aoki, 1967. [**Elphidiella*].
- Elphidium clavatum* Cushman. Ishiwada, 1954; 1964, pl. 3, fig. 45: Takayanagi, 1955, p. 42, pl. 1, fig. 24: Uchio, 1959; 1962b, p. 386: Matoba, 1970, p. 51, pl. 6, figs. 11a, b; 1975, 1976a, b, c: Ikeya, 1970; 1971b; Matoba and Nakagawa, 1972: Hasegawa, 1979. (= *Elphidium incertum* (Williamson) var. *clavatum* Cushman). [*Cribrononion*].
- Elphidium craticulatum* (Fichtel and Moll). Oinomikado and Stach, 1948: Hanzawa, 1948: Morishima, 1948b; 1950; 1955: Shuto, 1953; 1965: Takayanagi, 1953b: Uchio, 1962a; 1968: Aoki, 1967: Tai, 1971. [**Nautilus, Cellanthus*].
- Elphidium crispum* (Linné). Hada, 1931, p. 123; 1936: Asano, 1937a; 1938; 1939; 1960, p. 197-198, pl. 22, figs. 6a, b: Morishima, 1948b; 1950; 1955: Fukuta, 1951: Nakaseko, 1953: Nagahama, 1954: Harrington, 1960: Uchio, 1962a, b; 1968: Aoki, 1967: Chiji and Lopez, 1968, p. 106, pl. 13, fig. 2: Ujiie and Kusukawa, 1969: Chiji and Konda, 1970: Matoba, 1970, p. 51, pl. 7, figs. 1a, b; 1975; 1976a, c: Ikeya, 1970; 1971b; 1977: Aoshima, 1978: Kato, 1979. [**Nautilus, polystomella*].
- Elphidium decipiens* (Costa). Hada, 1929; 1931, p. 126, text-figs. 83a, b. [**Polystomella*].
- Elphidium discoideale* (d'Orbigny). Chiji and Lopez, 1968. [**Polystomella*].
- Elphidium etigoense* Husezima and Maruhasi, Shuto, 1953: Takayanagi, 1953a; 1955, p. 42, pl. 1, fig. 26: Yoshida, 1953b; 1954: Iwasa, 1954: Asano, 1960, p. 198-199, pl. 20, figs. 8, 9a, b.
- Elphidium* cf. *etigoense* Husezima and Maruhasi. Morishima and Chiji, 1952, pl. 1, figs. 4a, b.
- Elphidium excavatum* (Terquem). Hada, 1936; 1957b. [**Polystomella*].
- Elphidium excubitor* Nicol. Uchio, 1952: Takayanagi, 1953b.
- Elphidium fabum* (Fichtel and Moll). Hada, 1931, p. 125-126, text-figs. 82a, b; 1936; 1939; 1957b: Asano, 1937a: Morishima, 1948; 1950; 1955: Tai, 1971. [**Nautilus, Polystomella*].
- Elphidium fax barbarense* Nicol. Morishima and Chiji, 1952, pl. 1, figs. 3a, b: Kuwano, 1953: Shuto, 1953; 1965: Ishiwada, 1954: Higuchi, 1954: Yoshida, 1954: Nagahama, 1954: Takayanagi, 1955, p. 42-43, pl. 1, fig. 27: Matsuda, 1957: Sawai, 1958: Kato, 1979.
- Elphidium granulosum* Galloway and Wissler. Sawai, 1955; 1958.
- Elphidium hanzawai* Asano. Shuto, 1953: Matoba, 1970, p. 51, pl. 7, figs. 2a, b; 1975; 1976c.
- Elphidium hispidulum* Cushman. Chiji and Lopez, 1968, p. 106, pl. 13, fig. 3.
- Elphidium hokkaidoensis* Asano. Shuto, 1953.
- Elphidium hughesi foraminosum* Cushman. Morishima and Chiji, 1952: Shuto, 1953: Yoshida, 1954: Iwasa, 1954: Sawai, 1955.
- Elphidium incertum* (Williamson). Morishima and Chiji, 1952, pl. 2, figs. 3a, b: Yoshida, 1953b: Hada, 1957b: Chiji and Lopez, 1968, p. 106, pl. 13, fig. 7 (= *Elphidium subincertum* Asano). (= *Polystomella umbilicatula incerta* Williamson).
- Elphidium incertum clavatum* Cushman. Takayanagi, 1953a, b: Higuchi, 1954.
- Elphidium jenseni* (Cushman). Asano, 1937a; 1938; 1939; 1960, p. 199, pl. 22, figs. 5a, b:

- Oinomikado and Stach, 1948 : Ishiwada, 1950 ; 1958 : Nagahama, 1951 : Fukuta, 1951 : Morishima and Chiji, 1952 : Kuwano, 1953 : Shuto, 1953 ; 1965 : Takayanagi, 1953a, b ; 1955, p. 43, pl. 1, fig. 28 : Nakaseko, 1953 : Higuchi, 1954 : Yoshida, 1954 : Morishima, 1955 : Matsuda, 1957 : Sawai, 1958 : Harrington, 1960 : Uchio, 1962a ; 1968 : Aoki, 1967 : Chiji and Lopez, 1968, p. 106, pl. 13, fig. 5 : Ujiié and Kusukawa, 1969 : Chiji and Konda, 1970 : Matoba, 1970, p. 52, pl. 7, figs. 3a, b ; 1975 ; 1976a, c : Tai, 1971 : Ikeya, 1970 ; 1971b ; 1977 : Aoshima, 1978 : Kato, 1979. [**Polystomella*].
- Elphidium kancharai* Ishiwada, 1958 (n. sp.), p. 18, text-figs. 2a, b, pl. 1, figs. 17, 18 : Ikeya, 1977.
- Elphidium kusiroense* Asano. Asano, 1938, p. 1258 ; 1960, p. 200, pl. 22, figs. 13a, b, 14a, b : Shuto, 1953 : Takayanagi, 1953a ; 1955 : Iwasa, 1954 : Matoba, 1970, p. 52, pl. 7, figs. 4a, b ; 1975 ; 1976a, c : Kato, 1979 : Inoue, 1980.
- Elphidium* cf. *kusiroense* Asano. Matoba, 1970, p. 52, pl. 7, figs. 5a, b.
- Elphidium kusiroense* Asano var. Asano, 1960, p. 200, pl. 22, figs. 11a, b.
- Elphidium lessonii* (d'Orbigny). Hada, 1957b. [**Polystomella*].
- Elphidium macellum* (Fichtel and Moll). Hada, 1929 ; 1931, p. 124-125 ; 1936 : Asano, 1937a, b : Iwasa, 1954 : Morishima, 1955. [**Polystomella*].
- Elphidium matagordanum* (Kornfeld). Chiji and Lopez, 1968, p. 106, pl. 13, fig. 6. (= *Nonion depressula* (Walker and Jacob) var. *matagordana* Kornfeld).
- Elphidium matsukawauraense* Takayanagi, 1955 (n. sp.), p. 51, figs. 27a, b : Ishiwada, 1958, pl. 1, fig. 21.
- Elphidium milletti* (Heron-Allen and Earland). Aoki, 1967. [**Polystomella, Cribronomion*].
- Elphidium nakanokawaense* Shirai. Ikeya, 1970 ; 1971b.
- Elphidium oceanicum* Cushman. Harrington, 1960.
- Elphidium omuraense* Shuto, 1953 (n. sp.), p. 137-138, figs. 8a-c.
- Elphidium orbiculare* (Brady). Ishiwada, 1964, pl. 3, fig. 46 : Ikeya, 1971b. [**Nonionina, Nonion*].
- Elphidium oregonense* Cushman and Grant. Uchio, 1959 (= *Elphidium ezoense* Asano) : Ikeya, 1971b. [*Criboelphidium*].
- Elphidium pacificum* (Ujiié). Aoki, 1967. [**Criboelphidium*].
- Elphidium planum* Husezima and Maruhasi. Ishiwada, 1950 : Ikeya, 1971b.
- Elphidium reticulosum* Cushman. Matoba, 1970, p. 52, pl. 6, figs. 12a, b.
- Elphidium* cf. *reticulosum* Cushman. Matoba, 1970, p. 52, pl. 6, figs. 13a, b.
- Elphidium sibilica* (Goës). Yoshida, 1954. [**Polystomella, Elphidiella*].
- Elphidium simaense* Makiyama and Nakagawa. Aoki, 1967.
- Elphidium simplex* Cushman. Asano, 1960, p. 200-201, pl. 22, fig. 4.
- Elphidium somaense* Takayanagi, 1955 (n. sp.), p. 52, figs. 28a, b : Matoba, 1976b.
- "*Elphidium*" *somaense* Takayanagi. Matoba, 1970, p. 53, pl. 7, figs. 11a, b, 12a, b (= *Elphidiella tokyoensis* Aoki).
- Elphidium striatopunctatum* (Fichtel and Moll). Hada, 1929 ; 1931, p. 121-122. text-figs. 80a, b : Hanzawa, 1934. [**Polystomella*].
- Elphidium striatopunctatum* (Fichtel and Moll) ? Chiji and Lopez, 1968, p. 106, pl. 13, fig. 4.
- Elphidium subarcticulatum* Cushman Sawai, 1955 : Uchio, 1959 (= *Elphidium planum* Husezima and Maruhasi) : Matoba and Nakagawa, 1972 : Matoba, 1970, p. 52, pl. 7, figs. 6a, b, 7a, b : Hasegawa, 1979 : Kato, 1979.

- Elphidium subarcticum* Cushman. Ikeya, 1970 : Matoba, 1975. [*Cribrononion*].
- Elphidium subarcticum* Cushman var. Matoba, 1970, p. 52, pl. 7, figs. 8a, b.
- Elphidium subgramulosum* Asano. Asano, 1938, p. 1258 ; 1960, p. 201, pl. 22, figs. 7a, b : Maruhasi, 1948 : Fukuta, 1951 : Shuto, 1953 : Yoshida, 1954 : Nagahama, 1954 : Ishiwada, 1958, pl. 1, fig. 22 : Matoba, 1970, p. 52, pl. 7, figs. 9a, b ; 1975 ; 1976a, b, c : Matoba and Nakagawa, 1972 : Ikeya, 1977 : Kato, 1979. [*Cribrononion*].
- Elphidium subincertum* Asano. Shuto, 1953 : Asano, 1960, p. 201, pl. 22, fig. 12 : Uchio, 1962a ; 1968 : Aoki, 1967 : Ikeya, 1970 ; 1977 : Kato, 1979.
- Elphidium* cf. *subincertum* Asano. Yoshida, 1954, p. 154, figs. 8a, b.
- “*Elphidium*” *subincertum* Asano. Matoba, 1970, p. 53, pl. 7, figs. 10a, b (= *Elphidium matkawauraense* Takayanagi).
- Elphidium subnodosum* (Münster). Hada, 1931, p. 123-124, text-figs. 81a, b. [**Polystomella*].
- Elphidium translucens* Natland. Chiji and Lopez, 1968, p. 106, pl. 13, fig. 8.
- Elphidium verriculatum* (Brady). Uchio, 1952 : Sawai, 1958. [**Polystomella*].
- Elphidium* sp. A. Morishima and Chiji, 1952, pl. 2, figs. 1a, b.
- Elphidium* sp. Ishiwada, 1958, pl. 1, fig. 23.
- Elphidium* sp. 2. Ishiwada, 1964, pl. 3, fig. 47.
- Entosolenia catenulata* Williamson. Higuchi, 1954. (= *Entosolenia squamosa* var. *catenulata* Williamson). [*Lagena*].
- Entosolenia circulo-costata* (Asano). Takayanagi, 1955. [**Fissurina*].
- Entosolenia compressa* (Egger). Hada, 1936. [**Lagena*].
- Entosolenia costata* Williamson. Takayanagi, 1955. [*Oolina, Lagena*].
- Entosolenia cushmani* Uchio. Uchio, 1952.
- Entosolenia globosa* (Montagu). Hada, 1931, p. 128-129, text-figs. 85a, b : Ishiwada, 1950 : Morishima, 1955. [**Vermiculum, Lagena, Oolina*].
- Entosolenia hexagona* Williamson. Shuto, 1953 ; 1965 : Takayanagi, 1955 : Sawai, 1955. (= *Entosolenia squamosa* var. *hexagona* Williamson). [*Lagena, Oolina*].
- Entosolenia lacunata* (Burrows and Holland). Takayanagi, 1955. [**Lagena, Fissulina*].
- Entosolenia lateralis* (Cushman). Iwasa, 1954. [**Lagena, parafissurina*].
- Entosolenia lineata* Williamson. Hada, 1936. [*Oolina*].
- Entosolenia lucida* Williamson. Hada, 1929 ; 1931, p. 129-130, text-fig. 86 ; 1936 : Takayanagi, 1955 : Morishima, 1955 : Shuto, 1965. (= *Entosolenia marginata* var. *lucida* Williamson). [*Fissulina, Lagena*].
- Entosolenia marginata* (Montagu), Ishiwada, 1950 : Morishima and Chiji, 1952 : Takayanagi, 1953b ; 1955, pl. 2, fig. 10 : Sawai, 1958. [**Vermiculum, Fissulina, Lagena*].
- Entosolenia orbignyana* (Seguenza). Shuto, 1953 : Takayanagi, 1953b ; 1955 : Sawai, 1958. [**Fissulina, Lagena*].
- Entosolenia semistriata* (Williamson). Uchio, 1952a. [**Lagena*].
- Entosolenia squamosa* (Montagu). Nagahama, 1954. [**Vermiculum, Lagena*].
- Entosolenia squamosa scalariformis* Williamson. Takayanagi, 1953a, 1955.
- Eoeponidella pulchella* (Parker). Matoba, 1970, p. 53, pl. 4, figs. 3a-c ; 1975 ; 1976c. [**Pinaella* ?].
- Epistomaria yabei* Asano, 1936b (n. sp.), p. 945, pl. 52 (18), figs. 1a-c.
- Epistomarioides polystomelloides* (Parker and Jones). Uchio, 1952, p. 158-159, pl. 7, figs. 1-3 ; 1968. [**Discorbina*].
- Epistomina concentrica* (Parker and Jones). Uchio, 1952, p. 156-157. [**Pulvinulina, Eponides*,

Mississippina].

Epistomina elegans (d'Orbigny). Asano, 1937b; 1939: Ishiwada, 1950: Morishima and Chiji, 1952: Uchio, 1952. [**Rotalia* (*Truncatulina*), *Hoeglundina*].

Epistominella exiqua (Brady). Aoshima, 1978. [**Pulvinulina*, *Eponides*].

Epistominella hokkaidoensis kagoshimaensis Kuwano, 1962 (n. subsp.), pl. 17, fig. 8. (*nom. nud.*).

Epistominella naraensis (Kuwano). Takayanagi, 1953b; 1955, p. 45: Ishiwada, 1964, p. 41-42, pl. 7, figs. 94a-c; Ujiié and Kusukawa, 1969: Matoba, 1970, p. 53, pl. 4, figs. 5a-c; 1975; 1976a, c: Matoba and Nakagawa, 1972: Ikeya, 1977: Inoue, 1980, pl. 27, figs. 25a-c. [**Pseudoparrella*].

Epistominella nipponica Kuwano. Kuwano, 1962 (n. sp.), pl. 17, fig. 7 (Y. Matoba, 1967, Sci. Rep. Tohoku Univ., 2nd ser. (Geol.), v. 38, no. 2, p. 254-255, figs. 8a-f); 1963: Chiji and Konda, 1970: Aoshima, 1978. [*Eilohedra*, *Pseudoparella*].

Epistominella pulchella Husezima and Maruhasi. Takayanagi, 1953b; Nagahama, 1954: Chiji and Konda, 1970, pl. 9, figs. 11a, b: Matoba, 1975; 1976c: Ikeya, 1970; 1977: Inoue, 1980.

Epistominella pulchra (Cushman). Aoshima, 1978. [**Pulvinulinella*].

Epistominella takayanagii Iwasa. Matsuda, 1957: Ikeya, 1970; 1977. [*Pseudoparella*].

Epistominella tamana (Kuwano). Takayanagi, 1953b: Sawai, 1958: Uchio, 1959; 1962b: Chiji and Lopez, 1968: Ujiié and Kusukawa, 1969: Ikeya, 1971b; 1977: Matoba and Nakagawa, 1972: Matoba, 1975; 1976a, c: Inoue, 1980. [**Pseudoparella*].

Eponides berthelotianus (d'Orbigny). Aoshima, 1978. [**Rotalina*].

Eponides concameratus (Montagu). Asano, 1939. [**Serpula*].

Eponides (*Poroeponides*) *concameratus* (Montagu) var. Kuwano, 1956, p. 29, figs. 2, 3.

Eponides concentricus (Parker and Jones). Asano, 1939. [**Pulvinulina*, *Epistomina*, *Mississippina*].

Eponides exigua (Brady). Hanzawa, 1934. [**Pulvinulina*, *Eponides*].

Eponides frigidus (Cushman). Hada, 1936, p. 856, figs. 12a-c; 1957b: Morishima and Chiji, 1952, pl. 1, figs. 10a-c; Yoshida, 1953b; 1954: Takayanagi, 1953a; 1955, p. 44, pl. 2, figs. 1a, b; Nagahama, 1954: Iwasa, 1954: Sawai, 1955: Kuwano, 1955. [**Pulvinulina*, *Buccella*].

Eponides frigidus calidus Cushman and Cole. Kuwano, 1953: Yoshida, 1953a, b: Nakaseko, 1953: Shuto, 1953: Takayanagi, 1953b: Iwasa, 1954. [*Buccella*].

Eponides haidingerii (d'Orbigny). Asano, 1937b; 1939: Uchio, 1952: Shuto, 1953: Takayanagi, 1953b: Morishima, 1955: Sawai, 1958. [**Rotalia*, *Buccella*, *Cibicides*].

Eponides karsteni (Reuss). Asano, 1937a: Hanzawa, 1948: Ishiwada, 1950. [**Rotalia*].

Eponides lateralis (Terquem). Asano, 1937a: Oinomikado and Stach, 1948. [**Rosalina*, *Poroeponides*].

Eponides nigataensis Husezima and Maruhasi. Ikeya, 1970.

Eponides nipponicus (Husezima and Maruhasi). Shuto, 1953: Ikeya, 1970. [**Discorbis*, *Buccella*].

Eponides cf. *nipponicus* (Husezima and Maruhashi). Takayanagi, 1955, p. 44, pl. 2, figs. 12a-c.

Eponides orientalis Asano, 1937a (n. sp.), p. 117, pl. 16, figs. 8a-c: Takayanagi, 1953b; 1955: Higuchi, 1954: Uchio, 1962c. [*Buccella*].

"*Eponides*" *orientalis* Asano. Matoba, 1970, p. 53-54, pl. 8, figs. 3a-c.

- Eponides praecinctus* (Karrer). Hanzawa, 1948; Nagahama, 1951; Morishima and Chiji, 1952. [**Rotalia, Cibicides, Truncatulina*].
- Eponides procerus* (Brady). Sawai, 1955; 1958. [**Pulvinulina*].
- Eponides punctulatus* (d'Orbigny). Shuto, 1953. [**Rotalia (Rotalie)*].
- Eponides repandus* (Fichtel and Moll). Hada, 1936; Asano, 1937a, pl. 16, figs. 9a-c; 1938; 1939; Maruhasi, 1948; Hanzawa, 1948; Fukuta, 1951; Nagahama, 1951; Morishiam, 1955; Harrington, 1960; Aoki, 1967; Matoba, 1975; 1976c. [**Nautilus*].
- Eponides repandus* (Fichtel and Moll) var. *concameratus* (Montagu). Harrington, 1960.
- Eponides rotundus* Husezima and Maruhasi. Ikeya, 1970.
- Eponides schreibersii* (Reuss). Morishima and Chiji, 1952, pl. 2, figs. 6a, b. [**Rotalina*].
- Eponides tenera* (Brady). Nagahama, 1954. [**Truncatulina*].
- Eponides umbonatus* (Reuss). Asano, 1938; 1939; Oinomikado and Stach, 1948; Maruhasi, 1948; Nagahama, 1954; Ishiwada, 1964, pl. 6, figs. 89a, b; Ikeya, 1970. [**Rotalia, Oridorsalis*].
- Eosyrinx curta* (Cushman and Ozawa). Takayanagi, 1955. [**Pseudopolymorphina*].
- Fissulina* cf. *annectens* (Burrows and Holland). Matoba, 1970, p. 54, pl. 3, figs. 21a, b. [**Lagena*].
- Fissulina circulo-costa* Asano. Asano, 1956a, p. 54, pl. 5, fig. 64; Ikeya, 1970. [*Entosolenia*].
- Fissulina cucurbitasema* Loeblich and Tappan. Matoba, 1970, p. 54, pl. 3, figs. 22a, b; Ikeya, 1971b.
- Fissulina cucurbitasema bispinata* Ujiié. Ujiié and Kusukawa, 1969.
- Fissulina echigoensis* Asano and Inomata. Chiji and Konda, 1970; Inoue, 1980, pl. 27, figs. 8a, b.
- Fissulina kiiensis* Uchio, 1962a (n. sp.). (*nom. nud.*).
- Fissulina lacunata* (Burrows and Holland). Asano, 1956a, p. 55, pl. 5, fig. 57; Chiji and Lopez, 1968; Ujiié and Kusukawa, 1969; Aoshima, 1978. [**Lagena, Entosolenia*].
- Fissulina laevigata* Reuss. Uchio, 1959. [*Lagena*].
- Fissulina lucida* (Williamson). Harrington, 1960; Chiji and Lopez, 1968; Ikeya, 1971b; Aoshima, 1978; Inoue, 1980. [**Entosolenia, Lagena*].
- Fissulina marginata* (Montagu). Asano, 1938; 1956a, p. 53-54, pl. 5, figs. 58-61; Chiji and Lopez, 1968; Ujiié and Kusukawa, 1969; Chiji and Konda, 1970; Ikeya, 1970; 1971b; Tai, 1971; Aoshima, 1978. [**Vermiculum, Entosolenia, Lagena*].
- Fissulina orbignyana* Seguenza. Asano, 1938; Ujiié and Kusukawa, 1969; Aoshima, 1978. [*Entosolenia, Lagena*].
- Fissulina* cf. *orbignyana* Seguenza. Asano, 1956a, p. 54-55, pl. 5, figs. 62, 63.
- Fissulina quadrata* (Williamson). Ujiié and Kusukawa, 1969. (= *Entosolenia marginata* (Montagu) var. *quadrata* Williamson).
- Fissulina semimarginata* (Reuss). Chiji and Konda, 1970; Ikeya, 1970; 1971b; Aoshima, 1978; Inoue, 1980. (= *Lagena marginata* (Walker and Boys) var. *semimarginata* Reuss).
- Fissulina sulcata* (Walker and Jacob). Aoshima, 1978. [**Serpula (Lagena), Lagena*].
- Fissulina variolata* (Schlumberger). Aoki, 1967. [**Entosolenia*].
- Fissulina* sp. Inoue, 1980, pl. 27, fig. 4.
- Flintina bradyana* Cushman. Fukuta, 1951. [*Miliolinella*].
- Flintina depressa* Asano. Asano, 1937b; 1956b, p. 76, pl. 8, fig. 18; Shuto, 1953.
- Flintina fichteliana* d'Orbigny. Shuto, 1953. [*Miliolinella*].
- Flintina japonica* Asano. Asano, 1937b.

- Flintina nomurai* Asano. Asano, 1937b : Fukuta, 1951.
- Florilus grateloupi* (d'Orbigny). Chiji and Lopez, 1968, p. 106, pl. 15, figs. 9a, b. [**Nonionina*, *Nonion*, *Nonionellina*].
- Florilus japonicus* (Asano). Chiji and Lopez, 1968, p. 106, pl. 15, figs. 10a, b : Tai, 1971 : Ikeya, 1977 : Aoshima, 1978 : Inoue, 1980. [**Nonion*].
- Florilus manpukujiense japonicus* Asano. Aoki, 1967 : Aoshima, 1978.
- Fursenkoina complanata* (Egger). Ujiié and Kusukawa, 1969 : Matoba, 1970, p. 54 ; 1975 ; 1976a, c : Tai, 1971 : Matoba and Nakagawa, 1972 : Inoue, 1980, pl. 27, fig. 5. (= *Virgulina schreibersiana* Czjzek var. *complanata* Egger).
- Fursenkoina delicatula* (Uchio). Matoba, 1976b . [**Virgulina*].
- Fursenkoina ishikiensis* (Asano). Chiji and Lopez, 1968 : Inoue, 1980, pl. 27, fig. 20. [**Virgulina*].
- Fursenkoina mexicana* (Cushman). Matoba and Nakagawa, 1972 : Matoba, 1976a : Aoshima, 1978. [**Virgulina*].
- Fursenkoina pauciloculata* (Brady). Chiji and Lopez, 1968, p. 107, pl. 15, figs. 2a, b. [**Virgulina*].
- Fursenkoina schreibersiana* Czjzek. Chiji and Lopez, 1968 : Aoshima, 1978. [**Virgulina*].
- Fursenkoina tessellata* (Phleger and Parker). Aoshima, 1978. [**Virgulina*].
- Gaudryina arenaria* Galloway and Wissler. Shuto, 1965 : Chiji and Lopez, 1968 : Matoba, 1976b : Aoshima, 1978.
- Gaudryina* cf. *arenaria* Galloway and Wissler. Ishiwada, 1964, p. 35, pl. 1, fig. 10.
- Gaudryina (Pseudogaudryina) atlantica* (Bailey) var. *pacifica* Cushman and McCulloch. Chiji and Lopez, 1968.
- Gaudryina bradyi* (Cushman). Asano, 1937b. [**Verneuilina*, *Karrieriella*].
- Gaudryina concava* Hada, 1957b (n. sp.), (*nom. nud.*).
- Gaudryina chilostoma* (Reuss). Hanzawa, 1928. [**Textularia*].
- Gaudryina exilis* Cushman and Bronnimann. Takayanagi, 1955.
- Gaudryina irregularis* Hada, 1957b (n. sp.), (*nom. nud.*).
- Gaudryina matsusimai* Asano. Matoba, 1970, p. 54. [*Gaudryina (Siphogaudryina)*].
- Gaudryina (Siphogaudryina) matsusimai* Asano. Takayanagi, 1955.
- Gaudryina (Pseudogaudryina) niigataensis* Asano. Shuto, 1965.
- Gaudryina ogasaensis* Asano. Morishima, 1955.
- Gaudryina pauperata* Earland. Ujiié and Kusukawa, 1969.
- Gaudryina pseudodiformis* Berthelin. Takayanagi, 1953b.
- Gaudryina pupoides* d'Orbigny. Yabe and Hanzawa, 1925 : Hanzawa, 1928.
- Gaudryina quadrangularis* Bagg. Shuto, 1953 ; 1965 : Hada, 1957b.
- Gaudryina robusta* Cushman. Takayanagi, 1955 : Chiji and Lopez, 1968, p. 106, pl. 7, fig. 4 : Ikeya, 1971b.
- Gaudryina scabra* Brady. Asano, 1939.
- Gaudryina septentrionalis* Hada, 1957b (n. sp.), (*nom. nud.*).
- Gaudryina siphonella* Reuss. Hanzawa, 1928.
- Gaudryina siphonifera* (Brady). Uchio, 1952, p. 150-151, pl. 6, fig. 3 : Hada, 1957b : Chiji and Lopez, 1968. [**Textularia*, *Gaudryina (Siphogaudryina)*].
- Gaudryina (Siphogaudryina) siphonifera* (Brady). Kuwano, 1956, p. 277, pl. 28, figs. 1-3. [**Textularia*, *Gaudryina*].
- Gaudryina subglabata* Gümbel. Chiji and Lopez, 1968.

- Gaudryina subrotundata* Schwager. Yabe and Hanzawa, 1925.
- Gaudryina triangularis* Cushman. Asano, 1937b : Ishiwada, 1954 : Hada, 1957b : Aoshima, 1978.
- Gaudryina vitrea* Hada. 1957b (n. sp.). (*nom. nud.*).
- Gaudryina wrightiana* Millett. Hada, 1957b.
- Gavelinopsis praegeri* (Heron-Allen and Earland). Aoki, 1967 : Uchio, 1968. [**Discorbina*].
- Gavelinopsis* cf. *praegeri* (Heron-Allen and Earland). Chiji and Lopez, 1968, p. 107, pl. 11, figs. 8a, b, 9a, b.
- Gavelinopsis translucens* (Phleger and Parker). Aoshima, 1978. [**"Rotalia"*].
- Geminaricta* (?) *pacifica* Asano. Asano, 1958, p. 27, pl. 5, figs. 16a, b, 17a, b.
- Geminospira simaensis* Makiyama and Nakagawa. Ujiié and Kusukawa, 1969 : Matoba, 1976c. [*Pseudobulimina*].
- Glaboratella australensis* (Heron-Allen and Earland). Chiji and Lopez, 1968, p. 107, pl. 11, figs. 11a-c. [*Discorbis*].
- Glaboratella* cf. *chasteri* (Heron-Allen and Earland). Matoba, 1970, p. 54, pl. 5, figs. 1a-c : Ikeya, 1977. [**Discorbina*].
- Glaboratella* cf. *globosa* (Sidebottom). Matoba, 1970, p. 54, pl. 4, figs. 14a-c : Ikeya, 1977. [**Pulvinulina*].
- Glaboratella milletti* (Wright). Matoba, 1970, p. 54, pl. 5, figs. 2a-c : Ikeya, 1977. [**Discorbina*].
- Glaboratella nakamurai* (Asano). Ujiié and Kusukawa, 1969 : Matoba, 1970, p. 54 ; 1975 ; 1976c. [**Discorbis, Pileolina*].
- Glaboratella opercularis* (d'Orbigny). Chiji and Lopez, 1968, p. 107, pl. 11, figs. 12a, b : Matoba, 1970, p. 54, pl. 5, figs. 4a-c ; 1975 ; 1976c : Aoshima, 1978. [**Rosalina, Discorbis, Neoconorbina, Pileolina*].
- Glaboratella opercularis nakamurai* (Asano). Chiji and Lopez, 1968, p. 107, pl. 11, figs. 13a, b. [**Discorbis, Pileolina*].
- Glaboratella patelliformis* (Brady). Chiji and Lopez, 1968, p. 107, pl. 11, figs. 10a, b : Aoshima, 1978. [**Discorbina, Discorbis, Pileolina*].
- Glaboratella* cf. *patelliformis* (Brady). Matoba, 1970, p. 54, pl. 5, figs. 3a-c.
- Glaboratella pulvinata makinoi* (Uchio). Uchio, 1962a ; 1968 : Aoki, 1967. [**Discorbis*].
- Glaboratella subopercularis* (Asano). Matoba, 1970, p. 54-55, pl. 5, figs. 5a-c ; 1975 ; 1976c : Aoshima, 1978. [**Discorbina, Discorbis, Pileolina*].
- Glaboratella tabernacularis* (Brady). Uchio, 1968. [**Discorbina*].
- Glandulina laevigata* d'Orbigny. Asano, 1938 ; 1939 : Oinomikado and Stach, 1948 : Uchio, 1959. [**Nodosaria (Glanduline), Nodosaria*].
- Glandulina nipponica* Asano. Shuto, 1965 : Ikeya, 1971b.
- Glandulina rotundata* Reuss. Hada, 1931, p. 100-101, text-figs. 54a, b : Oinomikado and Stach, 1948 : Sawai, 1958. (= *Glandulina laevigata* (d'Orbigny) var. *rotundata* Reuss).
- Globobulimina auriculata* (Bailey). Asano, 1958, p. 9-10, pl. 2, figs. 1a, b, 2a, b, 3 : Chiji and Konda, 1970 : Ikeya, 1971b : Matoba, 1976a : Aoshima, 1978 : Hasegawa, 1979 : Inoue, 1980, pl. 27, fig. 18. [**Bulimina*].
- Globobulimina auriculata arctica* Höglund. Ikeya, 1970.
- Globobulimina hanzawai* Asano, 1958 (n. sp.), p. 10-11, pl. 2, figs. 4a, b : Chiji and Konda, 1970 : Ikeya, 1970 ; 1971b.
- Globobulimina notovata* (Chapman). Aoshima, 1978. [**Bulimina*].

- Globobulimina ovula* (d'Orbigny). Asano, 1958, p. 12, pl. 3, figs. 6a, b. [**Bulimina*].
- Globobulimina pacifica* Cushman. Asano, 1937b ; 1938 ; 1939 ; 1958, p. 11, pl. 2, figs. 10a, b : Ishiwada, 1950 ; Aoshima, 1978.
- Globobulimina* cf. *pacifica* Cushman. Kuwano, 1962, pl. 18, fig. 2 ; 1963.
- Globobulimina perversa* (Cushman). Takayanagi, 1955 ; Asano, 1958, p. 11-12, pl. 2, figs. 12, 13 : Aoshima, 1978. (= *Bulimina pyrula* var. *perversa* Cushman).
- Globobulimina spinescens* (Brady). Asano, 1958, p. 12, pl. 3, figs. 1, 2 : Aoshima, 1978. (= *Bulimina pyrula* var. *spinescens* Brady).
- Globobulimina turgida* (Bailey). Asano, 1958, p. 13, pl. 2, figs. 7-9 : Kuwano, 1962, pl. 18, fig. 2 ; 1963 : Ishiwada, 1964, pl. 4, fig. 57. [**Bulimina*].
- Globocassidulina depressa* (Asano and Nakamura). Hasegawa, 1979. (= *Cassidulina subglobosa depressa* Asano and Nakamura).
- Globocassidulina subglobosa* (Brady). Chiji and Lopez, 1968, p. 107, pl. 15, figs. 5a, b : Chiji and Konda, 1970, pl. 9, fig. 6 : Aoshima, 1978 ; Hasegawa, 1979 ; Inoue, 1980. [**Cassidulina*].
- Globocassidulina subglobosa depressa* (Asano and Nakamura). Chiji and Konda, 1970. [**Cassidulina*].
- Globotextularia anceps* (Brady). Matoba, 1975 ; 1976a, c. [*Haplophragmoides*].
- Globulina gibba* (d'Orbigny). Takayanagi, 1955 ; Chiji and Konda, 1970. [**Polymorphina* (*Globuline*), *Guttulina*].
- Globulina landesa* G. H. Hanna and M. A. Hanna. Asano, 1937a : Shuto, 1953 ; 1965.
- Globulina wakauraensis* Uchio, 1962a (n. sp.). (*nom. nud.*).
- Glomospira charoides* (Jones and Parker). Hanzawa, 1928 : Chiji and Konda, 1970, pl. 7, figs. 11a, b : Inoue, 1980. (= *Trochammina squamata* Parker and Jones var. *charoides* Jones and Parker).
- Glomospira gordialis* (Jones and Parker). Hanzawa, 1928 : Hada, 1929 ; 1931, p. 62, text-fig. 14 ; 1957b : Oinomikado and Stach, 1948 : Takayanagi, 1955 : Morishima, 1955 : Uchio, 1962a : Ujiié and Kusukawa, 1969 : Matoba, 1975 ; 1976a, c. (= *Trochammina squamata* Jones and Parker var. *gordialis* Jones and Parker).
- "*Glomospira gordialis* (Jones and Parker)". Kuwano, 1962, pl. 18, figs. 3, 4.
- Goesella flintii* Cushman. Uchio, 1959 ; Ikeya, 1970 ; 1971b.
- Goesella iizukae* Takayanagi, 1955 (n. sp.), p. 50-51, figs. 25a, b : Ishiwada, 1958, pl. 1, fig. 7 : Matoba, 1970, p. 55, pl. 1, fig. 23 : Ikeya, 1977.
- Guttulina austriaca* d'Orbigny. Asano, 1937a.
- Guttulina communis* (d'Orbigny). Hada, 1929 ; 1931, p. 111, text-fig. 68 : Shuto, 1953. [**Polymorphina* (*Guttuline*)].
- Guttulina gibba* (d'Orbigny). Hada, 1931, p. 112-113, text-figs. 70a, b. [**Polymorphina* (*Globuline*), *Globulina*].
- Guttulina irregularis* d'Orbigny. Shuto, 1965 : Kato, 1979.
- Guttulina irregularis nipponensis* Cushman and Ozawa. Tai, 1971 : Kato, 1979.
- Guttulina kiiensis* Uchio, 1962a (n. sp.). (*nom. nud.*).
- Guttulina kishinouyei* Cushman and Ozawa. Asano, 1937a ; 1938 : Shuto, 1953 : Takayanagi, 1953b ; 1955 : Morishima, 1955 : Sawai, 1958 : Ikeya, 1970 ; 1971b : Tai, 1971 : Kato, 1979.
- Guttulina lactea* (Walker and Jacob). Hada, 1939 : Shuto, 1953 : Takayanagi, 1955 : Ikeya, 1970. [**Serpula*].
- Guttulina* aff. *lactea* (Walker and Jacob). Asano, 1937a, pl. 16, figs. 5a, b.
- Guttulina oblonga* d'Orbigny. Shuto, 1953.

- Guttulina orientalis* Cushman and Ozawa. Fukuta, 1951 : Aoshima, 1978 : Kato, 1979.
- Guttulina pacifica* (Cushman and Ozawa). Asano, 1937a : Ishiwada, 1950 : Iwasa, 1954 : Sawai, 1955 : Uchio, 1962b : Ikeya, 1970 ; 1971b : Aoshima, 1978 : Kato, 1979. [**Sigmoidea* (*Sigmoidina*)].
- Guttulina regina* (Brady, Parker and Jones). Hada, 1931, p. 112, text-figs. 69a, b : Shuto, 1953 ; 1965 : Takayanagi, 1953b : Tai, 1971. [**Polymorphina*]
- Guttulina sadoensis* (Cushman and Ozawa). Chiji and Konda, 1970 : Ikeya, 1970 ; 1971b. [**Sigmomorpha*].
- Guttulina* cf. *spicaeformis* (Roemer). Asano, 1937a, pl. 16, fig. 2. [**Polymorphina* (*Guttulina*)].
- Guttulina yabei* Cushman and Ozawa. Asano, 1939 : Shuto, 1953 : Chiji and Konda, 1970.
- Guttulina yabei oval* Cushman and Ozawa. Ishiwada, 1950 : Takayanagi, 1953b : Higuchi, 1954 : Kato, 1979.
- Guttulina yamazakii* Cushman and Ozawa. Kato, 1979.
- Gypsina globula* (Reuss). Hanzawa, 1928 ; 1948 : Aoki, 1967 : Uchio, 1968. [**Ceriopora*].
- Gypsina vesicularis* (Parker and Jones). Hanzawa, 1928 : Shuto, 1953 : Uchio, 1962a ; 1968. [**Tinoporus*].
- Gyroidina altiformis* Stewart and Stewart. Kuwano, 1962, pl. 18, fig. 5.
- Gyroidina kagoshimaensis* Kuwano, 1962 (n. sp.), pl. 18, fig. 8. (*nom. und.*).
- Gyroidina neosoldanii* Brotzen var. Kuwano, 1962, pl. 18, fig. 6 ; 1963.
- Gyroidina nipponica* Ishizaki. Shuto, 1953 : Nagahama, 1954 : Kuwano, 1962, pl. 18, fig. 7 ; 1963 : Ishiwada, 1964, pl. 5, figs. 87a, b. [*Gyroidinoides*].
- Gyroidina orbicularis* d'Orbigny. Asano, 1937b : Nagahama, 1954 : Ishiwada, 1964, pl. 6, figs. 88a, b : Aoshima, 1978.
- Gyroidina soldanii* d'Orbigny. Asano, 1937b ; 1939 : Morishima and Chiji, 1952 : Takayanagi, 1953b : Nagahama, 1954 : Morishima, 1955 : Harrington, 1960 : Chiji and Lopez, 1968 : Ikeya, 1970. [*Gyroidinoides*, *Rotalia*].
- Gyroidinoides nipponicus* (Ishizaki). Matoba, 1976a : Aoshima, 1978. [**Gyroidina*, *Rotalia*].
- Gyroidinoides soldanii* (d'Orbigny). Tai, 1971. [**Gyroidina*].
- Hanzawaia hamadaensis* Asano. Ikeya, 1971b.
- Hanzawaia nipponica* Asano. Oinomikado and Stach, 1948 : Takayanagi, 1953b ; 1955, p. 45, 49, pl. 2, figs. 21a, b : Iwasa, 1954 : Higuchi, 1954 : Ishiwada, 1954 ; 1958 ; 1964, pl. 8, figs. 113a, b : Sawai, 1958 : Uchio, 1962a, b ; 1968 : Kuwano, 1962, pl. 19, fig. 2 ; 1963 : Aoki, 1967 : Chiji and Lopez, 1968, p. 107, pl. 15, figs. 14a, b : Ujiié and Kusukawa, 1969 : Matoba, 1970, p. 55, pl. 8, figs. 10a-c ; 1975 ; 1976a, b, c : Chiji and Konda, 1970 : Ikeya, 1970 ; 1971b : Tai, 1971 : Matoba and Nakagawa, 1972 : Aoshima, 1978 : Inoue, 1980. [*Planulina*].
- Hanzawaia tagaensis* Asano. Matoba, 1975 ; 1976c.
- Haplophragmoides bradyi* (Robertson). Uchio, 1959 : Kuwano, 1962, pl. 18, figs. 9-11 : Ishiwada, 1964, p. 34, pl. 1, fig. 1 : Ikeya, 1970 ; 1971b. [**Trochammina*].
- Haplophragmoides bradyi hokkaidoensis* Uchio, 1962b (n. subsp.), p. 384, pl. 18, figs. 7a, b : Chiji and Konda, 1970, pl. 8, figs. 1a, b.
- Haplophragmoides bradyi niigataensis* Uchio, 1962b (n. subsp.), p. 385, pl. 18, figs. 6a, b : Chiji and Konda, 1970, pl. 8, figs. 2a, b : Matoba, 1975 ; 1976c : Inoue, 1980.
- Haplophragmoides canariensis* (d'Orbigny). Hanzawa, 1928 ; 1933 ; 1934 : Hada, 1929 ; 1937, p. 343, figs. 1a-c ; 1939 ; 1955, p. 4 ; 1957b : Asano, 1939 : Ishiwada, 1950 ; 1958, pl. 1,

- figs. 10, 11 : Uchio, 1952 : Iwasa, 1954 : Yoshida, 1954, p. 156, figs. 4a, b : Sawai, 1955 ; 1958 : Takayanagi, 1955, p. 40, pl. 1, figs. 2a, b : Chiji and Lopez, 1968 : Matoba, 1970, p. 55, pl. 1, figs. 6a, b : Ikeya, 1977 : Aoshima, 1978. [**Nonionina, Alveolophragmium*].
- Haplophragmoides columbiense* Cushman. Ikeya, 1970 ; 1977. [*Alveolophragmium, Cribrostomoides*].
- Haplophragmoides emaciatum* (Brady). Hanzawa, 1928 : Hada, 1929 ; 1931, p. 63-64, text-figs. 15a, b ; 1957b : Asano, 1937b ; 1938 ; 1939. [**Haplophragmium*].
- Haplophragmoides glomeratum* (Brady). Ishiwada, 1950 : Matsuda, 1957. [*Lituola, Adercotryma*].
- Haplophragmoides hancoki* Cushman and McCulloch. Matoba, 1970, p. 55, pl. 1, figs. 5a, b : Ikeya, 1977.
- Haplophragmoides major* Cushman. Hada, 1957b.
- Haplophragmoides misago* Hada, 1957b (n. sp.). (*nom. nud.*).
- Haplophragmoides morishimai* Kuwano, 1962 (n. sp.), pl. 19, fig. 1. (*nom. nud.*).
- Haplophragmoides nitidus* Goës. Hada, 1957b.
- Haplophragmoides scitulum* (Brady). Asano, 1939 : Hada, 1957b. [**Haplophragmium, Alveolophragmium, Cribrostomoides, Labrospira*].
- Haplophragmoides sphaeroculum* Cushman. Hanzawa, 1928.
- Haplophragmoides subglobosum* (Sars). Hanzawa, 1928 : Hada, 1931, p. 64-65, text-figs. 16a, b ; 1957b : Ishiwada, 1950 : Matsuda, 1957 : Aoshima, 1978. [**Lituola, Cribrostomoides*].
- Haplophragmoides trullissatum* (Brady). Hanzawa, 1928 : Ishiwada, 1950. [**Trochammina*].
- Haplophragmoides yabei* Asano, 1939 (n. sp.). (*nom. nud.*).
- Haplophragmoides* sp. 1. Chiji and Konda, 1970, pl. 8, figs. 3a, b.
- Haplophragmoides* sp. 2. Chiji and Konda, 1970, pl. 8, figs. 4a, b.
- Haplostiche dubia* (d'Orbigny). Hanzawa, 1928 : Hada, 1957b. [**Nodosaria (Nodosarie)*].
- Hauerina bradyi* Cushman. Oinomikado and Stach, 1948 : Uchio, 1968 : Chiji and Lopez, 1968 : Chiji and Konda, 1970 : Uchio, 1962a.
- Hauerina fragilissima* (Brady). Hanzawa, 1948 : Shuto, 1953 ; 1965 : Asano, 1956b, p. 70-71 : Sawai, 1958 : Uchio, 1962a ; 1968 : Chiji and Lopez, 1968, p. 107, pl. 10, fig. 9 : Matoba, 1976c. [**Spiroloculina, Heterillina*].
- Hauerina orientalis* Cushman. Uchio, 1968 : Chiji and Lopez, 1968.
- Hauerina ornatissima* (Karrer). Hanzawa, 1928 : Uchio, 1952. [**Quinqueloculina*].
- Hauerina pacifica* Cushman. Uchio, 1962a ; 1968 : Chiji and Lopez, 1968, p. 107, pl. 10, fig. 8.
- Hauerina speciosa* (Karrer). Uchio, 1968. [**Spiroloculina*].
- Helenina anderseni* (Warren). Matoba, 1970, p. 55, pl. 4, figs. 4a-c : Kato, 1979. [**Pseudoeponides*].
- Hemicristellaria gotoensis* Asano, 1956a (n. sp.), p. 11, pl. 3, fig. 8.
- Hemicristellaria hanzawai* Asano, 1956a (n. sp.), p. 10-11, pl. 3, fig. 4.
- Hemicristellaria japonica* (Asano). Asano, 1956a, p. 10, pl. 3, fig. 7. [**Lenticulina*].
- Hemicristellaria tosaensis* Asano, 1956a (n. sp.), p. 11, pl. 3, fig. 5.
- Hemicristellaria tsushimaensis* Asano, 1956a (n. sp.), p. 11-12, pl. 4, fig. 8.
- Heronallenia lingulata* (Burrows and Holland). Aoki, 1967. [**Discorbina*].
- Heterillina fragilissima* (Brady). Aoki, 1967. [**Spiroloculina, Hauerina*].
- Heterillina guespellensis* Schlumberger. Morishima, 1955.

- Heterolepa dutemplei* (d'Orbigny). Uchio, 1968. [**Rotalina*].
- Heterolepa haidingerii* (d'Orbigny). Matoba, 1975; 1976c. [**Rotalina, Buccella, Cibicides, Eponides*].
- Heterostegina depressa* d'Orbigny. Hanzawa, 1928; 1948; Asano, 1937b; Uchio, 1952; Kuwano, 1956, p. 277, pl. 28, figs. 4-7.
- Heterostegina glutinata*. Chiji and Lopez, 1968.
- Heterostegina suborbicularis* d'Orbigny. Kuwano, 1956, p. 277, pl. 28, figs. 8, 9; Uchio, 1968.
- Hippocrepina flexibilis* (Wiesner). Hada, 1957b. [**Technitella*].
- Hippocrepina indivisa* Parker. Hada, 1957b.
- Hippocrepinella hirudinea* Heron-Allen and Earland. Hada, 1957b.
- Hoeglundina elegans* (d'Orbigny). Aoki, 1967; Uchio, 1968; Ujiie and Kusukawa, 1969; Chiji and Konda, 1970; Matoba, 1976a, c; Aoshima, 1978. [**Rotalia (Turbinulina)*].
- Homotrema rubrum* (Lamarck). Hanzawa, 1948; Kuwano, 1956; Hasegawa, 1981. [**Millepora*].
- Hopkinsina japonica* Kuwano, 1962 (n. sp.), pl. 19, figs. 3, 4. (*nom. nud.*).
- Hopkinsina pacifica* Cushman. Takayanagi, 1953b; 1955, pl. 2, fig. 22; Uchio, 1962a, b; Ujiie and Kusukawa, 1969.
- Hopkinsina wakimotoensis* Asano. Matoba, 1976c.
- Hyalinea balthica* (Schroeter). Uchio, 1962a; Ujiie and Kusukawa, 1969, pl. 2, fig. 4; Chiji and Konda, 1970; Aoshima, 1978; Inoue, 1980. [**Nautilus, Anomalina*].
- Hyalinea inflata* Ujiie and Kusukawa, 1969 (n. sp.), p. 767-768, pl. 2, figs. 1-3.
- Hyperammia elongata* Brady. Hanzawa, 1928; Hada, 1957b.
- Hyperammia friabilis* Brady. Hada, 1957b; Chiji and Konda, 1970.
- Involutina pacifica* (Cushman and Valentine). Ikeya, 1970. [**Ammodiscus*].
- Islandiella californica* (Cushman and Hughes). Ujiie and Kusukawa, 1969. [**Cassidulina*].
- Islandiella islandica* (Nørvang). Chiji and Konda, 1970, pl. 9, figs. 9, 10; Inoue, 1980. [**Cassidulina*].
- Islandiella japonica* (Asano and Nakamura). Inoue, 1980, pl. 28, figs. 6a-c. [**Cassidulina*].
- Islandiella norvangi* (Thalmann). Inoue, 1980, pl. 28, figs. 8a-c. [**Cassidulina*].
- Jaculella acuta* Brady. Hada, 1957b; Matoba, 1976.
- Karrerria nipponica* (Uchio). Uchio, 1968.
- Karrerriella baccata japonica* Asano. Kuwano, 1953; Ishiwada, 1964, p. 35, pl. 1, fig. 14; Chiji and Konda, 1970; Inoue, 1980.
- Karrerriella bradyi* (Cushman). Ishiwada, 1964, pl. 1, fig. 15. [**Verneuilina, Gaudryina*].
- Labrospira scitulium* (Brady). Kuwano, 1953. [**Haplophragmium, Alveolophragmium, Cribrostomoides, Haplophragmoides*].
- Labrospira* sp. 1. Ishiwada, 1950, p. 190, figs. 1a, b.
- Lagena acuticosta* Reuss. Yabe and Hanzawa, 1925; Asano, 1937b; 1938; 1939; Higuchi, 1954; Takayanagi, 1955, pl. 1, fig. 29; Morishima, 1955. [**Oolina*].
- Lagena acuticosta paucicostata* Brady. Asano, 1939.
- Lagena alveolata* Brady. Hanzawa, 1928.
- Lagena apiculata* (Reuss). Hada, 1929.
- Lagena apiopleura* Loeblich and Tappan. Asano, 1956a, p. 30-31, pl. 5, figs. 26, 27; Chiji and Konda, 1970; Ikeya, 1970.
- Lagena baggi* Cushman and Grey. Aoshima, 1978.
- Lagena bispina* Hada, 1936 (n. sp.), p. 243-244, figs. 3a, b.
- Lagena catenulata* (Williamson). Asano, 1939. (= *Entosolenia squamosa* var. *catenulata* Willia-

- mson).
- Lagena chasteri* Millett, Chiji and Lopez, 1968.
- Lagena clavata* Williamson. Hada, 1931, p. 103, text-fig. 57; Asano, 1939; 1956a, p. 28, pl. 5, figs. 3, 8; Takayanagi, 1953b; Inoue, 1980, pl. 27, fig. 13.
- Lagena compressa* Hada, 1936a (n. sp.), p. 242-243, figs. 1a, b. [*Entosolenia*].
- Lagena costata* (Williamson). Yabe and Hanzawa, 1925; Hanzawa, 1928; Hada, 1929. [**Entosolenia, Oolina*].
- Lagena crenata* Parker and Jones. Asano, 1956a, p. 40, pl. 5, fig. 51.
- Lagena cucurbita* Hada, 1936a (n. sp.), p. 244, fig. 5.
- Lagena curta* Hada, 1936a (n. sp.), p. 243, figs. 2a, b.
- Lagena dentaliniiformis* Bagg. Aoki, 1967.
- Lagena distoma* Parker and Jones. Hada, 1931, p. 106-107, text-fig. 62; Ishiwada, 1950; Sawai, 1955; Matoba, 1970, p. 55, pl. 3, fig. 14; Inoue, 1980, pl. 27, fig. 1.
- Lagena* cf. *distoma* Parker and Jones. Asano, 1956a, p. 39, pl. 5, figs. 21, 22.
- Lagena distoma margaritifera* Parker and Jones. Ikari, 1927, p. 4, pl. 1, fig. 14.
- Lagena elongata* (Ehrenberg). Hada, 1931, p. 104-105, text-fig. 59; Asano, 1937b; 1939; 1956a, p. 31-32, pl. 5, figs. 14-17; Ishiwada, 1950; Nagahama, 1954; Sawai, 1958; Ikeya, 1971b; Inoue, 1980. [**Miliola*].
- Lagena feildeniana* Brady. Yabe and Hanzawa, 1925; Asano, 1939. [*Oolina*].
- Lagena flatulenta* Loeblich and Tappan. Asano, 1956a, p. 30, pl. 5, figs. 4, 5.
- Lagena formosa* Schwager. Yabe and Hanzawa, 1925; Hanzawa, 1928.
- Lagena globosa* (Montagu). Hada, 1929; 1931; Takayanagi, 1953b; 1955. [**Vermiculum, Entosolenia, Oolina*].
- Lagena gracilis* Williamson. Hada, 1931, p. 106, text-fig. 61; Asano, 1937a; 1956a, p. 39-40, pl. 5, fig. 19-20; Nagahama, 1954; Ujiié and Kusukawa, 1969; Inoue, 1980.
- Lagena gracillima* (Seguenza). Ikari, 1927, p. 4, pl. 1, fig. 13; Hada, 1929; 1931, p. 103-104, text-fig. 58; Shuto, 1953; Asano, 1956a, p. 30, pl. 5, figs. 11-13; Aoshima, 1978; Inoue, 1980. [**Amphorina*].
- Lagena hexagona* (Williamson). Yabe and Hanzawa, 1925; Asano, 1937a, b; 1938; 1939; Ishiwada, 1950; Morishima, 1955; Sawai, 1955. [**Entosolenia, Oolina*].
- Lagena hispida* Reuss. Hanzawa, 1928; Shuto, 1953. (= *Lagena globosa* Walker and Jacob var. *hispida* Reuss).
- Lagena hispidula* Cushman. Morishima, 1955; Asano, 1956a, p. 40-41, pl. 5, figs. 52-56; Aoshima, 1978. (= *Lagena laevis* (Montagu) var. *hispidula* Cushman).
- Lagena laevicostata* Cushman and Gray. Aoshima, 1978.
- Lagena laevigata* (Reuss). Hada, 1929; Nagahama, 1951. [**Fissulina*].
- Lagena laevis* (Montagu). Hanzawa, 1928; Hada, 1929; 1931, p. 102-103, text-fig. 56; 1936; Asano, 1937a; 1938; 1939; 1956a, p. 29-30, pl. 5, figs. 6, 7; Shuto, 1953; Nagahama, 1954; Takayanagi, 1953a, b; 1955; Sawai, 1958; Chiji and Lopez, 1968; Matoba, 1970, p. 55, pl. 3, fig. 15; Tai, 1971; Ikeya, 1971b; Aoshima, 1978; Inoue, 1980. [**Vermiculum*].
- Lagena lucida* (Williamson). Hada, 1929. [**Entosolenia*].
- Lagena marginata* (Montagu). Yabe and Hanzawa, 1925; Hanzawa, 1934; Asano, 1939. [**Vermiculum, Entosolenia, Fissulina*].
- Lagena melo* (d'Orbigny). Sawai, 1958. [**Oolina*].
- Lagena mollis*. Uchio, 1959.

- Lagena orbignyana* (Seguenza). Yabe and Hanzawa, 1925 : Hanzawa, 1928 : Asano, 1937a ; 1939. [**Fissulina*, *Entosolenia*].
- Lagena orbignyana* (Seguenza) var. Hada, 1929 ; 1931, p. 110, text-figs. 67a, b.
- Lagena orbignyana* var. *clathrata* Brady. Yabe and Hanzawa, 1925.
- Lagena marginata spinifera* Earland. Maruhasi, 1948.
- Lagena parri* Loeblich and Tappan. Ujiié and Kusukawa, 1969 : Inoue, 1980, pl. 27, fig. 7.
- Lagena perlucida* (Montagu). Uchio, 1962a : Ujiié and Kusukawa, 1969 : Matoba, 1970, p. 56, pl. 3, fig. 16. [**Vermiculum*].
- Lagena* cf. *perlucida* (Montagu). Takayanagi, 1955, pl. 1, fig. 32 : Asano, 1956, p. 35-36, pl. 5, fig. 38.
- Lagena pliocenica* Cushman and Gray. Asano, 1956a, p. 36, pl. 5, figs. 37, 39 : Uchio, 1968.
- Lagena pliocenica tokiokai* Uchio, 1962b (n. subsp.), p. 387, pl. 18, figs. 10a, b.
- Lagena sacculus* Fornasini. Hanzawa, 1928. (= *Lagena acuta* Reuss var. *sacculus* Fornasini).
- Lagena* cf. *semilineata* Wright. Asano, 1956a, p. 34-35, pl. 5, figs. 42, 43 : Matoba, 1970, p. 56, pl. 3, fig. 17.
- Lagena semistriata* Williamson. Asano, 1939 : Takayanagi, 1953b : Morishima, 1955 : Ikeya, 1970 ; 1971b. [**Entosolenia*].
- Lagena* cf. *semistriata* Williamson. Hada, 1931, p. 105-106, text-fig. 60 : Asano, 1956a, p. 41, pl. 5, fig. 41.
- Lagena spicata* Cushman and McCulloch. Aoki, 1967.
- Lagena squamosa* (Montagu). Yabe and Hanzawa, 1925 : Ikari, 1927, p. 4, pl. 1, fig. 12 : Hada, 1929 ; 1936 : Asano, 1937b ; 1939 : Oinomikado and Stach, 1948. [**Vermiculum*, *Entosolenia*].
- Lagena stelligera* Brady. Shuto, 1953.
- Lagena striata* (d'Orbigny). Yabe and Hanzawa, 1925 : Hanzawa, 1928 ; 1934 : Hada, 1929 ; 1931, p. 107-108 : Asano, 1937b ; 1938 ; 1939 ; 1956a, p. 32-34, pl. 5, figs. 28, 29 : Sawai, 1955 ; 1958 : Takayanagi, 1955 : Uchio, 1959 : Shuto, 1965 : Chiji and Lopez, 1968, p. 108, pl. 10, fig. 11 : Chiji and Konda, 1970 : Ikeya, 1970 ; 1971b : Aoshima, 1978 : Inoue, 1980. [**Oolina*].
- Lagena striata strumosa* Reuss. Yabe and Hanzawa, 1925 : Hanzawa, 1928 : Hada, 1931, p. 108, text-fig. 63 : Asano, 1937b ; 1938 ; 1939 : Oinomikado and Stach, 1948 : Ishiwada, 1950 : Morishima, 1955 : Uchio, 1962a ; 1968.
- Lagena spicata* Cushman and McCulloch. Nagahama, 1954. (= *Lagena sulcata* var. *spicata* Cushman and McCulloch).
- Lagena subamphora* Asano, 1956a (n. sp.), p. 38-39, pl. 5, figs. 23-25 : Aoshima, 1978.
- Lagena substriata* Williamson. Hada, 1931, p. 108-109, text-fig. 64 : Asano, 1937a ; 1939 ; 1956a, p. 34, pl. 5, fig. 31 : Ujiié and Kusukawa, 1969.
- Lagena sulcata* (Walker and Jacob) var. *interrupta* Williamson. Hada, 1931, p. 109-110, text-fig. 66.
- Lagena sulcata laevicostata* Cushman and Gray. Takayanagi, 1953b.
- Lagena sulcata laevigata* Cushman and Gray. Shuto, 1965.
- Lagena* cf. *sulcata laevicostata* Cushman and Gray. Asano, 1956a, p. 36-37, pl. 5, fig. 40.
- Lagena sulcata spicata* Cushman and McCulloch. Hada, 1931, p. 109, text-fig. 65 : Shuto, 1953 : Takayanagi, 1953b ; 1955, pl. 1, fig. 31 : Asano, 1956a, p. 37-38, pl. 5, figs. 32, 33 : Ishiwada, 1964, pl. 2, fig. 28 : Ujiié and Kusukawa, 1969 : Ikeya, 1970 : Tai, 1971 : Aoshima, 1978 : Inoue, 1980.

- Lagena variata* Brady. Hada, 1929.
- Lagena wakasaensis* Asano, 1939 (n. sp.). (*nom. nud.*).
- Lagenammina diffugiformis* (Brady). Ikeya, 1970. [**Reophax. Proteonina*].
- Lagenammina lagenarium* (Berthelin). Uchio, 1959; Ikeya, 1970; 1977. [**Haplophragmium, Proteonina*].
- Lagenonodosaria aculeata* (d'Orbigny). Asano, 1956a, p. 24, pl. 6, figs. 19, 20; Sawai, 1958. [**Nodosaria*].
- Lagenonodosaria hirsuta* (d'Orbigny). Asano, 1956a, p. 25, pl. 6, figs. 15, 16. [**Nodosaria, Amphicoryna*].
- Lagenonodosaria pauciloculata* (Cushman). Asano, 1956a, p. 24-25, pl. 5, figs. 1-4. [**Nodosaria, Alfredosilvestris, Amphicoryna*].
- Lagenonodosaria scalaris* (Batsch). 1937b; 1938; 1939; 1956a, p. 26-27, pl. 6, figs. 5-7, 10; Shuto, 1953; Nagahama, 1954; Sawai, 1958; Ishiwada, 1964, pl. 2, fig. 29; Ujiié and Kusakawa, 1969. [**Nautilus, Amphicoryna, Nodosaria*].
- Lagenonodosaria scalaris sagamiensis* Asano. Asano, 1937b; 1956a, p. 27-28, pl. 6, figs. 11-14; Takayanagi, 1953b; Ishiwada, 1954; 1964, p. 36, pl. 2, fig. 30; Morishima, 1955. [*Amphicoryna*].
- Lagenonodosaria separans* (Brady). Asano, 1956a, p. 28, pl. 6, figs. 8, 9. (= *Nodosaria scalaris* var. *separans* Brady).
- Lagenonodosaria sublineata* (Brady). Asano, 1956a, p. 25-26, pl. 6, figs. 17, 18; Ishiwada, 1964, pl. 2, fig. 31. (= *Nodosaria hispida* var. *sublineata* Brady).
- Lamarckiana scabra* (Brady). Aoki, 1967. (= *Pulvinulina oblonga* var. *scabra* Brady).
- Lamarckiana ventricosa* (Brady). Uchio, 1952, p. 156; 1968. [**Discorbina*].
- Laryngosigma hyalascidia* Loeblich and Tappan. Ikeya, 1970.
- Lenticulina calcar* (Linné). Aoshima, 1978; Kato, 1979. [**Cristellaria, Robulus*].
- Lenticulina (Robulus) calcar* (Linné). Nagahama, 1954.
- Lenticulina depressa* (Asano). Ikeya, 1970; Aoshima, 1978. [**Robulus*].
- Lenticulina kamakuraensis* Asano. Asano, 1937b; 1956a, p. 6, pl. 1, figs. 1-3; Chiji and Lopez, 1968.
- Lenticulina limbosus* (Reuss). Chiji and Lopez, 1968. [**Cristellaria (Robulina), Robulus*].
- Lenticulina lucida* (Cushman). Chiji and Konda, 1970; Ikeya, 1971b; Matoba, 1976c; Aoshima, 1978; Kato, 1979. [**Cristellaria, Robulus*].
- Lenticulina nicobarensis* (Schwager). Chiji and Konda, 1970; Ikeya, 1971b. [**Cristellaria, Robulus*].
- Lenticulina orbicularis* (d'Orbigny). Chiji and Konda, 1970; Aoshima, 1978. [**Robulina, Cristellaria, Robulus*].
- Lenticulina peregrina* (Schwager). Asano, 1956a, p. 7, pl. 3, figs. 9, 17, 18; Ishiwada, 1964, pl. 2, fig. 27; Aoshima, 1978. [**Cristellaria*].
- Lenticulina sagamiensis* (Asano). Aoshima, 1978; Inoue, 1980. [**Robulus*].
- Lenticulina subumbonata* (Cushman). Aoshima, 1978. [**Cristellaria*].
- Lenticulina* sp. Asano, 1956a, p. 6-7, pl. 1, fig. 4.
- Lingulina carinata* d'Orbigny. Ikari, 1927, p. 4-5, pl. 1, fig. 19.
- Lingulina* sp. Uchio, 1952, p. 152, pl. 6, figs. 5a, b.
- Listerella bradyana* Cushman. Asano, 1937b. [*Martinottiella*].
- Listerella cylindrica* (d'Orbigny). Hada, 1957b. [**Clavulina, Martinottiella*].
- Loxostoma amygdalaeforme iokiense* Asano. Nagahama, 1954; Shuto, 1965. [*Loxostomum*].

- Loxostoma karrerianum* (Brady). Oinomikado and Stach, 1948 : Fukuta, 1951 : Nagahama, 1954. [**Bolivina, Loxostomoides, Loxostomum*].
- Loxostomoides durrandii* (Millett). Chiji and Lopez, 1968, p. 108, pl. 15, fig. 3. [**Bolivina, Loxostomum*].
- Loxostomoides karrerianum* (Brady). Uchio, 1962a, b : Matoba, 1975 ; 1976c. [**Bolivina, Loxostoma, Loxostomum*].
- Loxostomoides limbatum* (Brady). Chiji and Lopez, 1968, p. 108, pl. 15, fig. 4. [**Bolivina*].
- Loxostomoides limbatum costulatum* (Cushman). Uchio, 1962a. [**Bolivina*].
- Loxostomum amygdalaeforme* (Brady). Asano, 1958, p. 24-25, pl. 5, fig. 14 : Sawai, 1958 : Kuwano, 1962. [**Bolivina*].
- Loxostomum amygdalaeforme iokiense* (Asano). Takayanagi, 1953b : Aoshima, 1978. [**Loxostoma*].
- “*Loxostomum*” *amygdalaeforme iokiense* (Asano). Aoki, 1967.
- Loxostomum bradyi* (Asano). Asano, 1958, p. 25, pl. 5, figs. 7a, b : Aoshima, 1978. [**Bolivina*].
- Loxostomum durrandii* (Millett). Ujiié and Kusukawa, 1969. [**Bolivina, Loxostomoides*].
- Loxostomum karrerianum* (Brady). Ishiwada, 1950 : Takayanagi, 1953b : Morishima, 1955 : Asano, 1958, p. 25-26, pl. 5, figs. 8, 9 : Kuwano, 1962, pl. 19, fig. 7 ; 1963 : Aoshima, 1978. [*Bolivina, Loxostoma, Loxostomoides*].
- “*Loxostomum*” *karrerianum* (Brady). Aoki, 1967.
- Loxostomum karrerianum carinatum* (Millett). Asano, 1958, p. 26, pl. 5, figs. 4a, b : Kuwano, 1962, pl. 19, fig. 8. (= *Bolivina karreriana* var. *carinata* Millett).
- “*Loxostomum*” *limbatum costulatum* (Cushman). Aoki, 1967. [**Bolivina, Loxostomoides*].
- Loxostomum limbatum* var. *costulatum* (Cushman). Uchio, 1952.
- Marginopora hemiprichii* (Ehrenberg). Uchio, 1962a. [**Amphisorus*].
- Marginopora vertebralis* Quoy and Gaimard. Asano, 1937b, p. 40 : Morishima, 1948b ; 1950 : Kuwano, 1956, p. 278, pl. 28, figs. 10-17.
- Marginulina glabra* d'Orbigny. Asano, 1956a, p. 13-14, pl. 4, figs. 11, 13 : Chiji and Konda, 1970 : Kato, 1979.
- Marginulina nakamurai* (Asano). Morishima, 1955. [**Dentalina*].
- Marginulina striatula* Cushman. Asano, 1956a, p. 14, pl. 4, fig. 12.
- Marginulina tenuis* Bornemann. Asano, 1956a, p. 13, pl. 4, figs. 9, 10.
- Marsipella cylindrica* Brady. Hada, 1957b : Matoba, 1975 ; 1976c.
- Marsipella elongata* Norman. Hada, 1957b : Shuto, 1965.
- Martinottiella bradyana* (Cushman). Chiji and Lopez, 1968. [**Listerella*].
- Martinottiella communis* (d'Orbigny). Ishiwada, 1954 ; 1964, p. 35-36, pl. 1, fig. 36 : Matoba, 1976b (= *Martinottiella nodulosa* (Cushman)) : Aoshima, 1978. [**Clavulina*].
- Martinottiella cylindrica* (d'Orbigny). Aoshima, 1978. [**Clavulina, Listerella*].
- “*Martinottiella nodulosa* (Cushman)”. Matoba, 1976b (= *Multifidella communis* d'Orbigny var. *nodulosa* (Cushman)). [*Clavulina*].
- Martinottiella occidentalis* (Cushman). Hada, 1957b. [**Clavulina*].
- Massilina alveoliniformis* Millett. Asano, 1937b ; 1939 ; 1956b, p. 65, pl. 7, fig. 11 : Takayanagi, 1953b : Morishima, 1955 : Sawai, 1958. [*Schlumbergerina*].
- Massilina arenaria* (Brady). Asano, 1937a. [**Spiroloculina, Sigmoidina, Sigmoidopsis*].
- Massilina inaequalis* Cushman. Oinomikado and Stach, 1948 : Morishima, 1955 : Uchio, 1968 : Chiji and Lopez, 1968, p. 108, pl. 10, figs. 1a, b : Matoba, 1970, p. 56, pl. 2, figs.

15a, b ; 1975 ; 1976c.

- Massilina milletti* (Wiesner). Matoba, 1970, p. 56, pl. 2, figs. 16a, b. [**Spiroloculina*].
- Massilina planata* Cushman. Hada, 1939 ; Chiji and Lopez, 1968, p. 108, pl. 10, fig. 2.
- Massilina secans* (d'Orbigny). Hada, 1929 ; 1931, p. 81-82, text-figs. 34a-c ; 1936 : Hanzawa, 1948 : Morishima, 1948b ; 1950 ; 1955 : Matoba, 1970, p. 56, pl. 2, figs. 17a, b ; 1976c. [**Quinqueloculina*].
- Massilina* sp. Matoba, 1970, p. 56, pl. 2, figs. 18a, b,
- Massilina* sp. A. Ishiwada, 1964, pl. 2, fig. 17.
- Melonis nikobarensis* (Cushman). Chiji and Lopez, 1968, p. 108, pl. 15, fig. 13 : Aoshima, 1978. [**Nonion*].
- Miliammina agglutinata* (Cushman). Hada, 1957b. [**Quinqueloculina*].
- Miliammina arenacea* (Chapman). Hada, 1936, p. 853, fig. 7 ; 1957b. (= *Miliolina oblonga* (Montagu) var. *arenacea* Chapman).
- Miliammina echigoensis* Asano and Inomata. Chiji and Konda, 1970, pl. 9, figs. 1a, b : Inoue, 1980, pl. 26, figs. 13, 17, 18a, b.
- Miliammina fusca* (Brady). Hada, 1936, p. 852, figs. 5a-c ; 1937, p. 347, fig. 6 ; 1955, p. 4 ; 1957b : Yoshida, 1953a ; 1954, p. 156, figs. 5a, b : Takayanagi, 1955, p. 41, pl. 1, figs. 10a, b : Ishiwada, 1958, pl. 1, fig. 12 : Ujiie and Kusukawa, 1969 : Matoba, 1970, p. 56, pl. 1, figs. 4a, b : Ikeya, 1977. [**Quinqueloculina*].
- Miliammina oblonga* Heron-Allen and Earland. Hada, 1937, p. 343, fig. 2, p. 347, fig. 7 ; 1955, p. 4 ; 1957b.
- Miliolinella circularis* (Bornemann). Oinomikado and Stach, 1948 : Uchio, 1952 ; 1968 : Takayanagi, 1953b ; 1955 : Shuto, 1953 ; 1965 : Kuwano, 1953 : Iwasa, 1954 : Asano, 1956 b, p. 71-72, pl. 8, figs. 4, 8 : Aoki, 1967 : Chiji and Lopez, 1968, p. 108, pl. 10, figs. 3a, b, 4 : Matoba, 1970, p. 56, pl. 3, figs. 5a, b ; 1975 ; 1976a, c. [**Triloculina*].
- Miliolinella circularis sublineata* (Brady). Oinomikado and Stach, 1948. [**Miliolina, Triloculina*].
- Miliolinella fichteliana* (d'Orbigny). Aoki, 1967. [**Miliolina, Flintina*].
- Miliolinella oblonga* (Montagu). Shuto, 1953 ; 1965 : Higuchi, 1954 : Takayanagi, 1955 : Asano, 1956b, p. 72, pl. 8, fig. 8 : Chiji and Lopez, 1968, p. 108, pl. 10, fig. 5 : Matoba, 1970, p. 56, pl. 3, figs. 6a, b ; 1975 ; 1976c : Tai, 1971 : Ikeya, 1977. [**Vermiculum, Triloculina*].
- Miliolinella oceanica* (Cushman). Uchio, 1952 ; 1962a ; 1968. [**Triloculina*].
- Miliolinella oceanica* var. *flintiana* (Cushman). Uchio, 1952. [**Triloculina*].
- Miliolinella* ? cf. *sidebottomi* (Martinotti). Matoba, 1970, p. 56, pl. 3, figs. 7a, b, 8a, b, 9a, b. [**Sigmoilina*].
- Miliolinella sublineata* (Brady). Asano, 1956b, p. 73, pl. 8, fig. 16 : Aoki, 1967 : Uchio, 1968 : Matoba, 1970, p. 56, pl. 3, figs. 10a, b ; 1975 ; 1976c : Kato, 1979. (= *Miliolina circularis* var. *sublineata* Brady). [*Triloculina*].
- Miliolinella suborbicularis* (d'Orbigny). Uchio, 1968.
- Miliolinella subrotunda* (Montagu). Kuwano, 1953 : Asano, 1956b, p. 72, pl. 8, figs. 1, 2 : Ujiie and Kusukawa, 1969 : Matoba, 1975 ; 1976c. (= *Vermiculum subrotundatum* Montagu).
- Miliolinella* sp. Kuwano, 1962, pl. 19, fig. 5.
- Miliolinella* ? sp. Matoba, 1970, p. 56-57, pl. 3, figs. 11a, b, 12a, b.
- Millettella rotunda* Ishiwada, 1958 (n. sp.), p. 17, text-figs. 1a-c, pl. 1, figs. 1, 2, 3a, b.

- Miniacea miniacea* (Pallas). Asano, 1937b : Hanzawa, 1948 : Hasegawa, 1981. [**Millepora*].
- Mississippiina concentrica* (Parker and Jones). Uchio, 1952, p. 197-199, pl. 18, figs. 1a-c, 2a-c, 3a-c, 4a-c, 6a-c ; 1968. [**Pulvinulina, Eponides, Epistomina*].
- Mississippiina omuraensis* Shuto, 1953 (n. sp.), p. 137, figs. 8d-f.
- Morulaeplecta bulbosa* Höglund. Ikaya, 1970.

(To be continued.)