

## 黒島研究所収蔵造礁サンゴ目録 第2版

Catalog of the Reef-building Corals Deposited in the  
Kuroshima Research Station. Second Edition



2013 年 2 月

NPO 法人日本ウミガメ協議会付属 黒島研究所  
Sea turtle Association of Japan, Kuroshima Research Station.

表紙写真

在りし日のウラビシ(黒島北東沖)の干出サンゴ群落(1977 年 5 月 5 日撮影)

Cover photo

Coral communities of the Urabishi Reef, off northeast of Kuroshima in 1977

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## 緒言 Foreword

1973 年、八重山諸島黒島の保慶(フキ)という集落の跡地に八重山海中公園研究所が開設された。当時、環境省はまだなく、日本の自然保護は、文部省管轄の天然記念物、厚生省管轄の国立公園という形で、司どられているに過ぎなかった。厚生省が管轄する国立公園あるいは国立公園はすべて陸上に指定されていたが、1970 年頃、海中にもそれを設置する機運が生まれ、海中公園構想が誕生し、それを推進するために財団法人海中公園センターがつくられた。その財団法人の研究所が、八重山の黒島に作られたのである。その海中公園構想に便乗しようとしたのが名古屋鉄道株式会社であった。実際、かつてはこの研究所の建つ土地は、名古屋鉄道が買収した土地であった。

この財団法人の理事には、当時の海洋生物の研究者が名を連ねていたが、その中の 1 人に東北大学名誉教授の江口元起博士がおられた。博士はサンゴ化石の研究が専門であったが、現生サンゴの研究についても多くの業績があり、博士の指導のもと八重山のイシサンゴ類の標本が集められるようになった。八重山海中公園研究所の研究員は数年おきに交替したが、その中でも福田照雄氏、野村恵一氏、岩瀬文人氏は相対的にサンゴ類に興味があり、この標本の収集に貢献した。また、彼等の上司である内田紘臣博士はその分類整理に携わった。

2002 年、財団法人海中公園センターは廃止され、この研究所も閉鎖されることになった。ところが、黒島の島民はその存続を希望し、歴代の研究員もそれを望み、かつての研究員でもあった亀崎が代表を務める NPO 法人日本ウミガメ協議会が運営を引き継ぎ、NPO 法人日本ウミガメ協議会附属黒島研究所に改名し現在に至ることになる。

研究の質の云々はあるかもしれないが、この研究所は 40 年近く八重山のサンゴ礁の変化を見てきた。1980 年頃のオニヒトデの大発生、1983 年の白化現象によるイシサンゴ類の大量死、そしてその後の回復、そして 1998 年の白化現象など、ダイナミックな生態系の遷移をみてきたのである。そして、同時にみてきたのは、サンゴをコントロールしようとする人の無力さである。オニヒトデを駆除しようとしても、オニヒトデはサンゴを食べ尽くした。サンゴを移植してサンゴ群落を復活させると称して大量の研究費が投入されたが、再生したサンゴ群落はあまりきかない。それでも、次々と現れる環境行政の役人や若い研究者は同じ誤りを繰り返していくのだろう。

この 40 年、生物学は大部分の分野で大きな進歩をとげた。ところがイシサンゴ類の研究は分類にしろ生態にしろ、大きな進歩を感じることは少ない。イシサンゴ類は 6 億年前に地球上に姿を現したと考えられている。たしかに、たかが 40 年でこの長い歴史をもつ動物群を研究しつくすのは難しいのであろう。ただ、この研究所が残したイシサンゴの標本と、1983 年から 2002

年まで行われた石西礁湖のサンゴ分布調査の結果は、貴重なものであり、この部分で関係者が八重山の自然に貢献できたのかもしれない。

この脆弱な基盤の上に存続してきた研究所の活動を維持してきた歴代の研究員、さらに支援していただいた名古屋鉄道株式会社、そして上地グループ、また、環境省や竹富町に謝意を表したい。イシサンゴ類の分類は難しい。それに対して、黒島研究所の標本は膨大である。この標本の整理は気が遠くなるような作業である。それを完遂した亀田和成と黒潮生物研究財団の目崎拓真氏には最大の敬意をはらいたい。

2011 年 2 月 4 日

NPO 法人日本ウミガメ協議会附属黒島研究所

所長 亀崎 直樹



在りし日のキャングチ海中公園地区(黒島南東)のサンゴ群落 (1975 年 11 月 20 日撮影)

Coral communities of the Kyan-guchi Marine Park, southeast of Kuroshima in 1975.

## 要 約

1. 本目録は黒島研究所に収蔵された 17 科 67 属 244 種からなる 1072 点の造礁サンゴを収録している。

2. 標本は 1974 年から 2004 年にかけて、主に黒島周辺で採集され、残りは石西礁湖もしくは他の八重山諸島で採集された。八重山諸島は琉球列島南部に属し、黒島はこの諸島の中に位置する。

3. 本目録で用いられる造礁サンゴ類とは硬い石灰質の骨格と軟組織に褐虫藻を持つ刺胞動物に属する種の総称であり、イシサンゴ目のおよそ半分、アナサンゴモドキ属とクダサンゴ属、それにアオサンゴ属の全種が含まれる。

4. 科の配列は西平・Veron (1995) に基づき、属と種はアルファベット順に配列した。

5. キクメイシ科に属する 2 つの属名は、多くの文献では *Cualastrea* ならびに *Montastrea* と表記されるが、本カタログでは *Cualastraea* ならびに *Montastraea* の正しい綴りを用いた。

6. サンゴの同定は目崎拓真(黒潮生物研究所)、杉原 薫(国立環境研究所)と亀田和成(黒島研究所)によって行われた。一部のサンゴの同定については日本造礁サンゴ分類研究会の以下のメンバーが協力した: 深見裕伸(オオトゲサンゴ科、キクメイシ科、キサンゴ科)、北野裕子(ハマサンゴ科ハナガササンゴ属、キサンゴ科)、鈴木 豪(ミドリイシ科ミドリイシ属)、立川浩之(ヤスリサンゴ科、アミメサンゴ科、クサビライシ科)。

7. 収録されている標本の一部は、内田&福田(1989ab)でも掲載されている。そのため、両者の対比ができるように、本カタログの目録中に内田&福田(1989ab)の掲載ページを示した。

### 8. 引用文献

西平守孝・ J. E. N., Veron, 1995. 日本の造礁サンゴ類. 439 pp. 海游舎, 東京.

内田紘臣・福田照雄, 1989a. サンゴ. 沖縄海中生物図鑑, 9, 242 pp. サザンプレス, 那覇.

内田紘臣・福田照雄, 1989b. サンゴ. 沖縄海中生物図鑑, 10, 247 pp. サザンプレス, 那覇.

## Summary

1. This catalog records 1071 specimens, representing 17 families, 67 genera and 241 species of the reef-building corals deposited in the Kuroshima Research Station.
2. Specimens were mainly collected from around Kuroshima, the rest collections were made from the Sekisei Lagoon or other Yaeyama Islands from 1974 to 2004. Yaeyama Islands (24°N, 124°E) belong to Southern Ryukyus in Japan, and Kuroshima is located in this Islands.
3. The term of *reef-building corals* used this catalog is defined as Cnidaria species that have hard skeleton of calcium carbonate and zooxanthella in soft tissues, namely, about half species of Scleractinia and all the species of *Millepora*, *Tubipora* and *Heliopora*.
4. The order of families of Scleractinia are based on Nishihira & Veron (1995), genera and species are arranged alphabetically within each family.
5. Although two generic names of Faviidae have been written as *Cualastrea* and *Montastrea* in many literatures, in this catalog used the right spelling, *Caulastrea* and *Montastrea*.
6. Specimens were identified by T. Mezaki (Biological Institute on Kuroshio) , K. Sugihara (National Institute for Environmental Studies) and K. Kameda (Kuroshima Research Station) . About a part of specimens, the following members of the Japanese Society for Coral Taxonomy cooperated in identification: H. Hukami (Mussidae , Faviidae) , Y. Kitano (*Goniopora* of Poritidae, Dendrophylliidae), G. Suzuki (*Acropora* of Acroporidae) and H. Tachikawa (Siderastreidae, Psammocoridae, Fungiidae) .
7. A part of the specimens recorded in this catalogue is described also in Uchida & Fukuda (1989). For the contrast of both, page number in Uchida & Fukuda (1989a & 1989b) were shown in the list of this catalog.

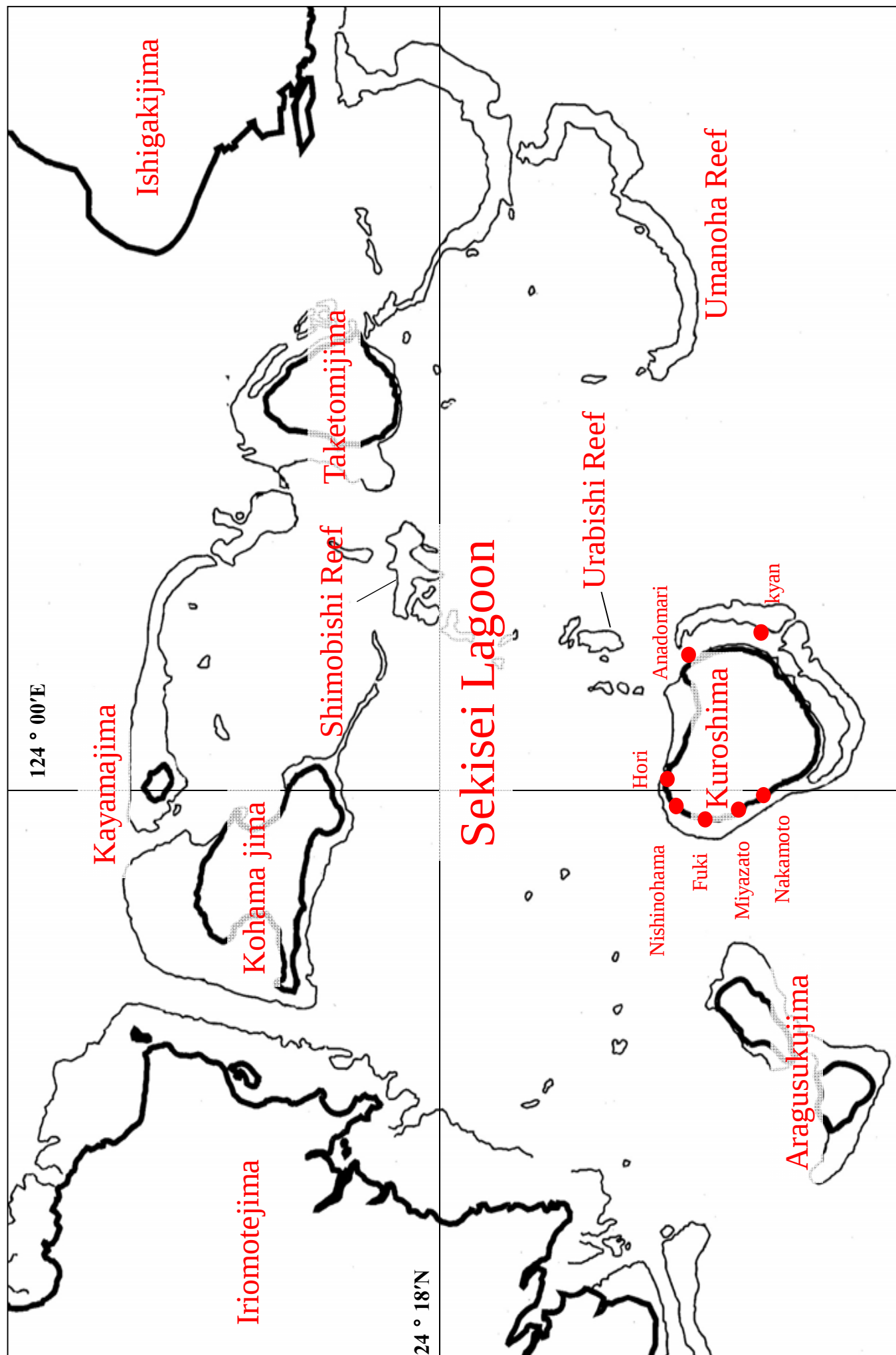
## 8. Literature Cited

Nishihira M. and Veron J. E. N. 1995. Corals of the Japan. 439 pp. Kaiyusha, Tokyo.

(Japanese)

Uchida H. and Fukuda T. 1989a. Corals. Field guide to marine organisms in Okinawa, 9. 242 pp. Southern Press, Naha. (Japanese)

Uchida H. and Fukuda T. 1989b. Corals. Field guide to marine organisms in Okinawa, 10, 247pp. Southern Press, Naha. (Japanese)



**Fig. 1 Map showing mainly sampling region in Yaeyama Islands.**

## 謝 辞

八重山海中公園研究所(現黒島研究所)歴代研究員の以下の諸氏に謝意を表す:福田照雄氏、岡本一志氏、御前 洋氏、入江正巳氏、宮脇逸朗氏、坂井勝彦氏、松下 甲氏、宇井晋介氏、亀崎直樹氏、野村恵一氏、岩瀬文人氏、平手康市氏、柏原正尚氏、佐藤文宏氏、森美枝氏、浅井康行氏、小寺昌彦氏、重井明男氏、黒柳賢治氏、近藤鉄也氏、若月元樹氏。特に初代研究員であった福田照雄氏は研究所の設立に携わり、また、サンゴ標本の大部分を採集された。標本採集を手伝っていただいた林 徹氏、木村 匡氏、岩瀬恵子氏に、有用な助言をいただいた内田紘臣氏に、標本の同定にご協力いただいた深見裕伸氏、北野裕子氏、鈴木 豪氏、立川浩之氏の皆様にも御礼申し上げます。本目録は沖縄銀行ふるさと振興基金の助成を受けて作成されました。

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We wish to express our gratitude to the following successive researcheres in the Yaeyama Marine Park Research Station (present Kuroshima Research Station): T. Fukuda, K. Okamoto, H. Misaki, M. Irie, I. Miyawaki, K. Sakai, K. Mastsushita, S. Ui, N. Kamezaki, K. Nomura, F. Iwase, K. Hirate, M. Kashiwara, F. Sato, M. Mori, Y. Asai, Y. Kotera, A. Shigei, K. Kuroyanagi, T. Kondo and M. Wakatsuki. Chiefly, T. Fukuda, who was concerned with the establishment of this station and collected most of the coral specimens. We are also indebted to T. Hayashi, K. Iwase and T. Kimura for assistance in collecting specimens, H. Uchida and c?. Harada for providing useful comments, H. Hironobu, Y. Kitano, K. Sugihara, G. Suzuki and H. Tachikawa for cooperation in coral identifications. This volume is published with support from Okinawa Bank Furusato-shinko fund.

## 所藏標本目錄

### **List of deposited specimens**

| KU-C No.                                                                     | Date       | Locality                                                      | Collect              |
|------------------------------------------------------------------------------|------------|---------------------------------------------------------------|----------------------|
| <b>Anthozoa 花虫綱</b>                                                          |            |                                                               |                      |
| <b>Scleractinia イシサンゴ目</b>                                                   |            |                                                               |                      |
| <b>Astrocoeniidae ムカシサンゴ科</b>                                                |            |                                                               |                      |
| <b><i>Palauastrea ramosa</i> Yabe and Sugiyama, 1941 パラオサンゴ</b>              |            |                                                               |                      |
| 279                                                                          | 1975/12/19 | Umanoha Reef, off south of Taketomijima, inner reef, 8 m deep | T. Fukuda            |
| 299                                                                          | 1976/3/12  | North of Kuroshima, 7 m deep                                  | T. Fukuda            |
| 300                                                                          | 1976/3/12  | North of Kuroshima, 7 m deep                                  | T. Fukuda            |
| 1062                                                                         | 1975/12/19 | Umanoha Reef, off south of Taketomijima, inner reef, 8 m deep | T. Fukuda            |
| <b><i>Stylocoeniella guentheri</i> Bassett-Smith, 1890 ムカシサンゴ</b>            |            |                                                               |                      |
| 681                                                                          | 1999/12/25 | Off Nishinohama, Kuroshima, 10 m deep                         | K. Nomura & T. Kondo |
| 672                                                                          | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| 818                                                                          | 1999/12/26 | Off Nishinohama, Kuroshima, 10 m deep                         | K. Nomura & T. Kondo |
| 1105                                                                         | 1974-2000  | Yaeyama Islands                                               |                      |
| 1106                                                                         | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Stylocoeniella</i> aff. <i>guentheri</i> Bassett-Smith, 1890</b>       |            |                                                               |                      |
| 867                                                                          | 1989       | Nakamoto, Kuroshima, inner reef                               |                      |
| <b>Pocilloporidae ハナヤサイサンゴ科</b>                                              |            |                                                               |                      |
| <b><i>Pocillopora damicornis</i> (Linnaeus, 1758) ハナヤサイサンゴ</b>               |            |                                                               |                      |
| 59                                                                           | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep                             | T. Fukuda            |
| 155                                                                          | 1975/7/6   | Kyan, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 458                                                                          | 1978/4/22  | Off Hori, Kuroshima                                           | M. Irie              |
| 599                                                                          | 1990/11/8  | Kayama Island                                                 | F. Iwase             |
| 656                                                                          | 1974-2000  | Yaeyama Islands                                               |                      |
| 1063                                                                         | 1978/4/22  | Off Hori, Kuroshima                                           | M. Irie              |
| 1156                                                                         | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Pocillopora eydouxi</i> Milne Edwards and Haime, 1860 ヘラジカハナヤサイサンゴ</b> |            |                                                               |                      |
| 266                                                                          | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                       | T. Fukuda            |
| 267                                                                          | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                       | T. Fukuda            |
| 454                                                                          | 1987       | Yaeyama Islands                                               | K. Nomura            |
| 691                                                                          | 2000/1/1   | North of Kamichi, Aragusukujima, 10 m deep                    | K. Nomura & T. Kondo |
| 1054                                                                         | 1978/4/20  | Off Hori, Kuroshima                                           | M. Irie              |
| 1172                                                                         | 2001/3/2   | Barasu islet, off north of Iriomotejima, 3 m deep             |                      |
| <b><i>Pocillopora meandrina</i> Dana, 1846 チリメンハナヤサイサンゴ</b>                  |            |                                                               |                      |
| 318                                                                          | 1978/1/2   | Miyazato, Kuroshima, outer reef, 5 m deep                     | M. Irie              |
| 666                                                                          | 1978/4/17  | Off Hori, Kuroshima                                           | M. Irie              |
| <b><i>Pocillopora verrucosa</i> (Ellis and Solander, 1786) イボハダハナヤサイサンゴ</b>  |            |                                                               |                      |
| 192                                                                          | 1975/8/26  | West of Kuroshima, patch reef                                 | T. Fukuda            |
| 193                                                                          | 1975/8/26  | West of Kuroshima, patch reef                                 | T. Fukuda            |
| 194                                                                          | 1975/8/26  | West of Kuroshima, patch reef                                 | T. Fukuda            |
| 331                                                                          | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep                   | M. Irie              |
| 468                                                                          | 2004/6/14  | North of Kuroshima                                            |                      |
| 469                                                                          | 2004/6/14  | North of Kuroshima                                            |                      |
| 667                                                                          | 1978/4/17  | Off Hori, Kuroshima                                           | M. Irie              |
| 676                                                                          | 2004/6/14  | North of Kuroshima                                            |                      |

| KU-C No.                                                      | Date       | Locality                                                      | Collect              |
|---------------------------------------------------------------|------------|---------------------------------------------------------------|----------------------|
| <b><i>Pocillopora</i> spp.</b>                                |            |                                                               |                      |
| 223                                                           | 1975/9/10  | Anadomari, Kuroshima, inner reef                              | T. Fukuda            |
| 227                                                           | 1975/9/10  | Anadomari, Kuroshima, inner reef, 2 m deep                    | T. Fukuda            |
| 712                                                           | 2004/6/14  | North of Kuroshima                                            | H. Uchida            |
| 757                                                           | 2004/6/14  | North of Kuroshima                                            |                      |
| 798                                                           | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| <b><i>Seriatopora</i> aff. <i>aculeata</i> Quelch, 1886</b>   |            |                                                               |                      |
| 284                                                           | 1975/11/6  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| <b><i>Seriatopora caliendrum</i> Ehrenberg, 1834 フトゲサンゴ</b>   |            |                                                               |                      |
| 556                                                           | 1989/5/16  | Anadomari, Kuroshima                                          | F. Iwase             |
| <b><i>Seriatopora guttatus</i> Veron, 2000</b>                |            |                                                               |                      |
| 190                                                           | 1975/8/26  | West of Kuroshima, patch reef, 1-2 m deep                     | T. Fukuda            |
| <b><i>Seriatopora hystrix</i> Dana, 1846 トゲサンゴ</b>            |            |                                                               |                      |
| 26                                                            | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                   | T. Fukuda            |
| 27                                                            | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                   | T. Fukuda            |
| 28                                                            | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                   | T. Fukuda            |
| 31                                                            | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                   | T. Fukuda            |
| 174                                                           | 1975/8/1   | Fuki, Kuroshima, 3 m deep                                     | T. Fukuda            |
| 293                                                           | 1976/1/28  | Off Iko, Kuroshima, 3 m deep                                  | T. Fukuda            |
| 332                                                           | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep                   | M. Irie              |
| 480                                                           | 2004/6/14  | North of Kuroshima                                            |                      |
| 574                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| 577                                                           | 1976/9/15  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| 578                                                           | 1978/4/17  | Off Hori, Kuroshima                                           | M. Irie              |
| 579                                                           | 1978/4/22  | Off Hori, Kuroshima                                           | M. Irie              |
| 583                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| 584                                                           | 1978/4/28  | Off Nishinohama, Kuroshima                                    | M. Irie              |
| 678                                                           | 1999/12/30 | Off Nakamoto, Kuroshima                                       | K. Nomura & T. Kondo |
| 1141                                                          | 1974-2000  | Yaeyama Islands                                               |                      |
| 1153                                                          | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Seriatopora stellata</i> Quelch, 1886</b>               |            |                                                               |                      |
| 575                                                           | 1978/4/22  | Off Hori, Kuroshima                                           | M. Irie              |
| <b><i>Stylophora pistillata</i> Esper, 1797 ショウガサンゴ</b>       |            |                                                               |                      |
| 25                                                            | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                   | T. Fukuda            |
| 29                                                            | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                   | T. Fukuda            |
| 30                                                            | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                   | T. Fukuda            |
| 277                                                           | 1975/12/5  | Fuki, Kuroshima, outer reef, 1 m deep                         | T. Fukuda            |
| 278                                                           | 1975/12/5  | Fuki, Kuroshima, outer reef                                   | T. Fukuda            |
| 281                                                           | 1975/12/19 | Umanoha Reef, off South of Taketomijima, inner reef, 8 m deep | T. Fukuda            |
| 608                                                           | 1978/4/28  | Off Nishinohama, Kuroshima                                    | M. Irie              |
| 797                                                           | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| 887                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| 896                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| <b>Acroporidae ミドリイシ科</b>                                     |            |                                                               |                      |
| <b><i>Acropora abrotanoides</i> (Lamarck, 1816) トゲマツミドリイシ</b> |            |                                                               |                      |
| 48                                                            | 1975/1/31  | Urabishi Reef, off northeast of Kuroshima, 3-10 m deep        | T. Fukuda            |
| 325                                                           | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep                   | M. Irie              |

| KU-C No.                                                                                                        | Date       | Locality                                                | Collect      |
|-----------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------|--------------|
| 327                                                                                                             | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep             | M. Irie      |
| 633                                                                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 1003                                                                                                            | 1974-2000  | Yaeyama Islands                                         |              |
| <b><i>Acropora acuminata</i> (Verrill, 1864) ハイスギミドリイシ</b>                                                      |            |                                                         |              |
| 413                                                                                                             | 1974-1988  | Kuroshima                                               |              |
| 631                                                                                                             | 1974-1988  | Kuroshima                                               |              |
| <b><i>Acropora anthocercis</i> (Brook, 1893) タマユビミドリイシ</b>                                                      |            |                                                         |              |
| 329                                                                                                             | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep             | M. Irie      |
| 521                                                                                                             | 1974-1988  | Kuroshima                                               |              |
| 646                                                                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 650                                                                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 1006                                                                                                            | 1978/4/18  | Kyan, Kuroshima                                         | M. Irie      |
| <b><i>Acropora</i> aff. <i>anthocercis</i> (Brook, 1893)</b>                                                    |            |                                                         |              |
| 1014                                                                                                            | 1978/4/18  | Kyan, Kuroshima                                         | M. Irie      |
| Remarks: KU-C 1014 is same as pictures of p. 73 identified as <i>A. anthocercis</i> in Uchida & Fukuda (1989a). |            |                                                         |              |
| <b><i>Acropora aspera</i> (Dana, 1846) ヒメマツミドリイシ</b>                                                            |            |                                                         |              |
| 171                                                                                                             | 1975/7/11  | North of Kuroshima, intertidal                          | T. Fukuda    |
| 285                                                                                                             | 1975/12/6  | North of Kuroshima, intertidal                          | T. Fukuda    |
| 286                                                                                                             | 1975/12/6  | North of Kuroshima, intertidal                          | T. Fukuda    |
| <b><i>Acropora austera</i> (Dana, 1846) コイボミドリイシ</b>                                                            |            |                                                         |              |
| 47                                                                                                              | 1975/1/31  | Urabishi Reef, off northeast of Kuroshima, 3-10 m deep  | T. Fukuda    |
| 187                                                                                                             | 1975/8/26  | West of Kuroshima, patch reef, 2 m deep                 | T. Fukuda    |
| 1058                                                                                                            | 1974-1988  | Kuroshima                                               |              |
| <b><i>Acropora awi</i> Wallace and Wolstenholme, 1998</b>                                                       |            |                                                         |              |
| 617                                                                                                             | 1978/4/28  | Off Nishinohama, Kuroshima                              | M. Irie      |
| <b><i>Acropora</i> aff. <i>batsunai</i> Wallace, 1997</b>                                                       |            |                                                         |              |
| 98                                                                                                              | 1975/4/12  | West of Kuroshima, 2-3 m deep                           | T. Fukuda    |
| <b><i>Acropora carduus</i> (Dana, 1846) ツツミドリイシ</b>                                                             |            |                                                         |              |
| 39                                                                                                              | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                 | T. Fukuda    |
| 49                                                                                                              | 1975/1/31  | Urabishi Reef, off northeast of Kuroshima, 3-10 m deep  | T. Fukuda    |
| 313                                                                                                             | 1977/9/6   | Kayama Channel (Kayamamizo)                             |              |
| 612                                                                                                             | 1976       | Kuroshima                                               | T. Fukuda    |
| 766                                                                                                             | 1998/10/28 | Takidonguti Reef, northwest of Taketomijima, intertidal | K. Nomura    |
| <b><i>Acropora cerealis</i> (Dana, 1846) ムギノホミドリイシ</b>                                                          |            |                                                         |              |
| 520                                                                                                             | 1975-2000  | Yaeyama Islands                                         |              |
| 586                                                                                                             | 1978/4/22  | Off Hori, Kuroshima                                     | M. Irie      |
| 589                                                                                                             | 1991/11/18 | Off Nishinohama, Kuroshima                              | M. Kashiwara |
| 649                                                                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 886                                                                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 1140                                                                                                            | 1974-2000  | Yaeyama Islands                                         |              |
| <b><i>Acropora clathrata</i> (Brook, 1891) サンボウミドリイシ</b>                                                        |            |                                                         |              |
| 648                                                                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 1115                                                                                                            | 1974-2000  | Yaeyama Islands                                         |              |
| <b><i>Acropora cytherea</i> (Dana, 1846) ハナバチミドリイシ</b>                                                          |            |                                                         |              |
| 44                                                                                                              | 1975/1/15  | Urabishi Reef, off northeast of Kuroshima, 3 m deep     | T. Fukuda    |

| KU-C No.                                                      | Date       | Locality                                               | Collect   |
|---------------------------------------------------------------|------------|--------------------------------------------------------|-----------|
| 328                                                           | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep            | M. Irie   |
| 557                                                           | 1978/4/20  | Off Horisanbasi, Kuroshima                             | M. Irie   |
| 919                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| 995                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| 1232                                                          | 1974-2000  | Yaeyama Islands                                        |           |
| 1233                                                          | 1974-1988  | Kuroshima                                              |           |
| <b><i>Acropora derawanensis</i> Wallace, 1997</b>             |            |                                                        |           |
| 939                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| <b><i>Acropora digitifera</i> (Dana, 1846) コユビミドリイシ</b>       |            |                                                        |           |
| 91                                                            | 1975/4/12  | West of Kuroshima, 1.5 m deep                          | T. Fukuda |
| 92                                                            | 1975/4/12  | West of Kuroshima, 1.5 m deep                          | T. Fukuda |
| 188                                                           | 1975/8/26  | West of Kuroshima, patch reef, 1-2 m deep              | T. Fukuda |
| <b><i>Acropora</i> aff. <i>digitifera</i> (Dana, 1846). 1</b> |            |                                                        |           |
| 90                                                            | 1975/4/12  | West of Kuroshima                                      | T. Fukuda |
| <b><i>Acropora</i> aff. <i>digitifera</i> (Dana, 1846). 2</b> |            |                                                        |           |
| 95                                                            | 1975/4/12  | West of Kuroshima, patch reef, 2-3 m deep              | T. Fukuda |
| 97                                                            | 1975/4/12  | West of Kuroshima, patch reef, 2-3 m deep              | T. Fukuda |
| <b><i>Acropora divaricata</i> (Dana, 1846) ヤッコミドリイシ</b>       |            |                                                        |           |
| 1229                                                          | 1974-1988  | Kuroshima                                              |           |
| <b><i>Acropora</i> aff. <i>divaricata</i> (Dana, 1846)</b>    |            |                                                        |           |
| 461                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| 603                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| <b><i>Acropora echinata</i> (Dana, 1846) トゲツツミドリイシ</b>        |            |                                                        |           |
| 611                                                           | 1974-1988  | Kuroshima                                              |           |
| 873                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| <b><i>Acropora elseyi</i> (Brook, 1892) マルツツミドリイシ</b>         |            |                                                        |           |
| 247                                                           | 1975/9/24  | Kyan, Kuroshima, inner reef, 2 m deep                  | T. Fukuda |
| 253                                                           | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                | T. Fukuda |
| 653                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| 748                                                           | 2004/6/14  | North of Kuroshima                                     |           |
| 877                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| 997                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| <b><i>Acropora</i> aff. <i>elseyi</i> (Brook, 1892)</b>       |            |                                                        |           |
| 255                                                           | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                | T. Fukuda |
| <b><i>Acropora florida</i> (Dana, 1846) サボテンミドリイシ</b>         |            |                                                        |           |
| 45                                                            | 1975/1/31  | Urabishi Reef, off northeast of Kuroshima, 3-10 m deep | T. Fukuda |
| 335                                                           | 1978/4/17  | Off Hori, Kuroshima                                    | M. Irie   |
| 620                                                           | 1974-1988  | Kuroshima                                              |           |
| 641                                                           | 1987       | Yaeyama Islands                                        | K. Nomura |
| <b><i>Acropora</i> aff. <i>florida</i> (Dana, 1846)</b>       |            |                                                        |           |
| 525                                                           | 1987       | Yaeyama Islands                                        | K. Nomura |
| <b><i>Acropora gemmifera</i> (Brook, 1892) オヤユビミドリイシ</b>      |            |                                                        |           |
| 590                                                           | 2001/11/20 | Nakamoto, Kuroshima                                    |           |
| 602                                                           | 1974-2000  | Yaeyama Islands                                        |           |
| 647                                                           | 1976/9/15  | Fuki, Kuroshima, inner reef                            | T. Fukuda |

| KU-C No. | Date       | Locality                        | Collect              |
|----------|------------|---------------------------------|----------------------|
| 655      | 1974-1988  | Kuroshima                       | K. Nomura & T. Kondo |
| 758      | 1999/12/30 | Nakamoto, Kuroshima, outer reef |                      |
| 1065     | 1974-1978  | Kuroshima                       |                      |
| 1119     | 1974-2000  | Yaeyama Islands                 |                      |
| 1226     | 1974-2000  | Yaeyama Islands                 |                      |

Remarks: KU-C 1065 is same as pictures of p. 78 in Uchida & Fukuda (1989a).

***Acropora grandis* (Brook, 1892) クロマツミドリイシ**

|      |           |                                                |           |
|------|-----------|------------------------------------------------|-----------|
| 302  | 1976/6/23 | North of Kuroshima, 2-3 m deep                 | T. Fukuda |
| 324  | 1978/4/15 | Nakamoto, Kuroshima, inner reef, 3-5 m deep    | M. Irie   |
| 466  | 1974-2000 | Yaeyama Islands                                |           |
| 467  | 1974-2000 | Yaeyama Islands                                |           |
| 881  | 1974-2000 | Yaeyama Islands                                |           |
| 885  | 1974-2000 | Yaeyama Islands                                |           |
| 1221 | 2003/9/26 | Shimobishi Reef, off southwest of Taketomijima |           |

***Acropora horrida* (Dana, 1846) ヤセミドリイシ**

|     |           |                                            |          |
|-----|-----------|--------------------------------------------|----------|
| 559 | 1990/7/15 | North of Kayamajima, outer reef, 23 m deep | F. Iwase |
| 606 | 1974-2000 | Yaeyama Islands                            |          |

***Acropora humilis* (Dana, 1846) ツツユビミドリイシ**

|      |           |                             |           |
|------|-----------|-----------------------------|-----------|
| 93   | 1975/4/12 | West of Kuroshima, 2 m deep | T. Fukuda |
| 1137 | 1978/4/17 | Off Hori, Kuroshima         | M. Irie   |

***Acropora* aff. *humilis* (Dana, 1846)**

|     |          |                                           |         |
|-----|----------|-------------------------------------------|---------|
| 321 | 1978/1/3 | Miyazato, Kuroshima, outer reef, 3 m deep | M. Irie |
|-----|----------|-------------------------------------------|---------|

***Acropora hyacinthus* (Dana, 1846) クシハダミドリイシ**

|      |            |                          |           |
|------|------------|--------------------------|-----------|
| 57   | 1975/1/1   | Kuroshima, inner reef    | T. Fukuda |
| 642  | 1974-1988  | Kuroshima                |           |
| 876  | 1974-2000  | Yaeyama Islands          |           |
| 930  | 1974-2000  | Yaeyama Islands          |           |
| 935  | 1974-2000  | Yaeyama Islands          |           |
| 937  | 1974-2000  | Yaeyama Islands          |           |
| 1066 | 1978/4/17  | Off Hori, Kuroshima      | M. Irie   |
| 1098 | 1974-2000  | Yaeyama Islands          |           |
| 1187 | 2001/11/14 | Ishigakijima, 1.5 m deep |           |

Remarks: KU-C 1066 is same as pictures of p. 103 in Uchida & Fukuda (1989a).

***Acropora intermedia* (Brook, 1891) トゲスギノキミドリイシ**

|      |            |                                           |                      |
|------|------------|-------------------------------------------|----------------------|
| 334  | 1978/4/17  | Off Hori, Kuroshima                       | M. Irie              |
| 459  | 1974-2000  | Yaeyama Islands                           |                      |
| 585  | 1989/5/16  | Anadomari, Kuroshima                      | F. Iwase             |
| 624  | 1974-1988  | Kuroshima                                 |                      |
| 626  | 1974-1988  | Kuroshima                                 |                      |
| 628  | 1974-1988  | Kuroshima                                 |                      |
| 637  | 1974-1988  | Kuroshima                                 |                      |
| 645  | 1974-1988  | Kuroshima                                 |                      |
| 825  | 1999/12/23 | Miyazato, Kuroshima, outer reef, 3 m deep | K. Nomura & T. Kondo |
| 931  | 1974-1988  | Kuroshima                                 |                      |
| 1013 | 1974-2000  | Yaeyama Islands                           |                      |
| 1057 | 1976/6/23  | North of Kuroshima                        | T. Fukuda            |
| 1069 | 1974-1988  | Kuroshima                                 |                      |
| 1169 | 2000/8/3   | East of Kohamajima, 2-3 m deep            |                      |

| KU-C No.                                                                                                            | Date       | Locality                                                      | Collect   |
|---------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------|-----------|
| 1225                                                                                                                | 2001/3/2   | Barasu islet, off north of Iriomotejima, 3 m deep             |           |
| <b><i>Acropora</i> aff. <i>intermedia</i> (Brook, 1891)</b>                                                         |            |                                                               |           |
| 152                                                                                                                 | 1975/7/6   | Kyan, Kuroshima, inner reef, 3 m deep                         | T. Fukuda |
| 460                                                                                                                 | 1974-1988  | Kuroshima                                                     |           |
| 515                                                                                                                 | 1974-1988  | Kuroshima                                                     |           |
| 607                                                                                                                 | 1976/9/15  | Fuki, Kuroshima, inner reef                                   | T. Fukuda |
| 940                                                                                                                 | 1974-2000  | Yaeyama Islands                                               |           |
| <b><i>Acropora kirstyae</i> Veron and Wallace, 1984</b>                                                             |            |                                                               |           |
| 257                                                                                                                 | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                       | T. Fukuda |
| 258                                                                                                                 | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                       | T. Fukuda |
| 1109                                                                                                                | 1974-2000  | Yaeyama Islands                                               |           |
| 1110                                                                                                                | 1974-2000  | Yaeyama Islands                                               |           |
| <b><i>Acropora latistella</i> (Brook, 1892) キクハナガサミドリイシ</b>                                                         |            |                                                               |           |
| 587                                                                                                                 | 1974-2000  | Yaeyama Islands                                               |           |
| 1067                                                                                                                | 1978/4/22  | Off Hori, Kuroshima                                           | M. Irie   |
| Remarks: KU-C 1067 is same as pictures of p. 106 identified as <i>Acropora cytherea</i> in Uchida & Fukuda (1989a). |            |                                                               |           |
| <b><i>Acropora longicyathus</i> (Milne Edward and Haime, 1860) オオツツミドリイシ</b>                                        |            |                                                               |           |
| 260                                                                                                                 | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                       | T. Fukuda |
| 261                                                                                                                 | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                       | T. Fukuda |
| 262                                                                                                                 | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                       | T. Fukuda |
| 330                                                                                                                 | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep                   | M. Irie   |
| 613                                                                                                                 | 1974-1988  | Kuroshima                                                     |           |
| 635                                                                                                                 | 1978/4/17  | Off Hori, Kuroshima                                           | M. Irie   |
| 639                                                                                                                 | 1974-2000  | Yaeyama Islands                                               |           |
| 763                                                                                                                 | 1978/4/17  | Off Hori, Kuroshima                                           | M. Irie   |
| 872                                                                                                                 | 1974-2000  | Yaeyama Islands                                               |           |
| 923                                                                                                                 | 1974-2000  | Yaeyama Islands                                               |           |
| 927                                                                                                                 | 1974-2000  | Yaeyama Islands                                               |           |
| 996                                                                                                                 | 1974-2000  | Yaeyama Islands                                               |           |
| 1112                                                                                                                | 1974-2000  | Yaeyama Islands                                               |           |
| <b><i>Acropora microphthalma</i> (Verrill, 1869) コエダミドリイシ</b>                                                       |            |                                                               |           |
| 545                                                                                                                 | 1974-2000  | Yaeyama Islands                                               |           |
| 1068                                                                                                                | 1978/4/28  | Off Nishinohama, Kuroshima                                    | M. Irie   |
| 1192                                                                                                                | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef, intertidal |           |
| 1220                                                                                                                | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima                     |           |
| 1224                                                                                                                | 1974-2000  | Yaeyama Islands                                               |           |
| <b><i>Acropora millepora</i> (Ehrenberg, 1834) ハイマツミドリイシ</b>                                                        |            |                                                               |           |
| 651                                                                                                                 | 1994/5/25  | Kuroshima                                                     |           |
| 1018                                                                                                                | 1978/4/15  | Nakamoto, Kuroshima Island, inner reef                        | M. Irie   |
| <b><i>Acropora muricata</i> (Linnaeus, 1758) スギノキミドリイシ</b>                                                          |            |                                                               |           |
| 254                                                                                                                 | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                       | T. Fukuda |
| 263                                                                                                                 | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                       | T. Fukuda |
| 304                                                                                                                 | 1976/6/23  | North of Kuroshima                                            | T. Fukuda |
| 309                                                                                                                 | 1976/6/23  | North of Kuroshima                                            | T. Fukuda |
| 326                                                                                                                 | 1978/4/15  | Kyan, Kuroshima, inner reef, 3-5 m deep                       | M. Irie   |
| 437                                                                                                                 | 1998/10/27 | kyan, Kuroshima                                               |           |
| 632                                                                                                                 | 1974-2000  | Yaeyama Islands                                               |           |
| 638                                                                                                                 | 1974-1988  | Kuroshima                                                     |           |

| KU-C No.                                                     | Date       | Locality                                               | Collect   |
|--------------------------------------------------------------|------------|--------------------------------------------------------|-----------|
| 1154                                                         | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima              |           |
| 1177                                                         | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima              |           |
| 1190                                                         | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima              |           |
| 1193                                                         | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima              |           |
| 1194                                                         | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima              |           |
| 1204                                                         | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima              |           |
| 1207                                                         | 2001/9/3   | North of Kuroshima                                     |           |
| 1212                                                         | 1974-2000  | Yaeyama Islands                                        |           |
| 1215                                                         | 2001/9/3   | North of Kuroshima                                     |           |
| <b><i>Acropora</i> aff. <i>muricata</i> (Linnaeus, 1758)</b> |            |                                                        |           |
| 226                                                          | 1975/9/10  | Anadomari, Kuroshima, inner reef, 2 m deep             | T. Fukuda |
| <b><i>Acropora nana</i> (Studer, 1878) スゲミドリイシ</b>           |            |                                                        |           |
| 616                                                          | 1974-1988  | Kuroshima                                              |           |
| 1017                                                         | 1978/4/23  | Off Hori, Kuroshima                                    | M. Irie   |
| 1228                                                         | 1978/4/23  | Off Hori, Kuroshima                                    | M. Irie   |
| <b><i>Acropora nasuta</i> (Dana, 1846) ハナガサミドリイシ</b>         |            |                                                        |           |
| 2                                                            | 1974/12/21 | Fuki, Kuroshima, inner reef, 3 m deep                  | T. Fukuda |
| 317                                                          | 1977/11/14 | South of Kuroshima, inner reef, 2 m deep               | T. Fukuda |
| 519                                                          | 1976/12/1  | Kuroshima                                              | T. Fukuda |
| 523                                                          | 1976/9/15  | Fuki, Kuroshima, inner reef                            | T. Fukuda |
| 981                                                          | 1974-2000  | Yaeyama Islands                                        |           |
| <b><i>Acropora pulchra</i> (Brook, 1891) オトメミドリイシ</b>        |            |                                                        |           |
| 875                                                          | 1974-2000  | Yaeyama Islands                                        |           |
| 880                                                          | 1974-2000  | Yaeyama Islands                                        |           |
| 953                                                          | 1974-2000  | Yaeyama Islands                                        |           |
| 1214                                                         | 2001/9/7   | South of Todoroki River, Ishigakijima, inner reef      |           |
| 1218                                                         | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima              |           |
| <b><i>Acropora</i> aff. <i>pulchra</i> (Brook, 1891). 1</b>  |            |                                                        |           |
| 40                                                           | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                | T. Fukuda |
| 154                                                          | 1975/7/6   | Kyan, Kuroshima, inner reef, 3 m deep                  | T. Fukuda |
| 252                                                          | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                | T. Fukuda |
| 283                                                          | 1975/12/1  | Kohamajima                                             | T. Fukuda |
| 305                                                          | 1976/6/23  | North of Kuroshima                                     | T. Fukuda |
| 306                                                          | 1976/6/23  | North of Kuroshima                                     | T. Fukuda |
| 455                                                          | 1974-1988  | Kyan, Kuroshima, inner reef                            |           |
| 595                                                          | 1974-1988  | Kyan, Kuroshima                                        |           |
| 1055                                                         | 1978/4/15  | Nakamoto, Kuroshima, inner reef                        | M. Irie   |
| <b><i>Acropora</i> aff. <i>pulchra</i> (Brook, 1891). 2</b>  |            |                                                        |           |
| 307                                                          | 1976/6/23  | North of Kuroshima                                     | T. Fukuda |
| 1056                                                         | 1976/6/23  | North of Kuroshima                                     | T. Fukuda |
| <b><i>Acropora retusa</i> (Dana, 1846)</b>                   |            |                                                        |           |
| 50                                                           | 1975/1/31  | Urabishi Reef, off northeast of Kuroshima, 3-10 m deep | T. Fukuda |
| <b><i>Acropora robusta</i> (Dana, 1846) ヤスリミドリイシ</b>         |            |                                                        |           |
| 530                                                          | 1976       | Kuroshima                                              |           |
| 600                                                          | 1974-2000  | Yaeyama Islands                                        |           |
| 615                                                          | 1991       | North of Kuroshima                                     |           |

| KU-C No.                                                        | Date       | Locality                                                | Collect      |
|-----------------------------------------------------------------|------------|---------------------------------------------------------|--------------|
| <b><i>Acropora secale</i> (Studer, 1878) トゲホソエダミドリイシ</b>        |            |                                                         |              |
| 518                                                             | 1975/8/9   | West Kuroshima, patch reef                              | T. Fukuda    |
| 588                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 625                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| <b><i>Acropora selago</i> (Studer, 1878) タチハナガサミドリイシ</b>        |            |                                                         |              |
| 878                                                             | 1974-2000  | Urabishi Reef, off northeast of Kuroshima               |              |
| 1167                                                            | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima               |              |
| <b><i>Acropora spathulata</i> (Brook, 1891)</b>                 |            |                                                         |              |
| 629                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| <b><i>Acropora subglabra</i> (Brook, 1891) ホソツツミドリイシ</b>        |            |                                                         |              |
| 604                                                             | 1974-1988  | Kuroshima                                               |              |
| 644                                                             | 1974-1988  | Kuroshima                                               |              |
| <b><i>Acropora subulata</i> (Dana, 1846)</b>                    |            |                                                         |              |
| 36                                                              | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                 | T. Fukuda    |
| <b><i>Acropora tenella</i> (Brook, 1892)</b>                    |            |                                                         |              |
| 558                                                             | 1988       | North of Taketomijima                                   | F. Iwase     |
| <b><i>Acropora tenuis</i> (Dana, 1846) ウスエダミドリイシ</b>            |            |                                                         |              |
| 415                                                             | 1976       | Kuroshima                                               | T. Fukuda    |
| 621                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 634                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 643                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| <b><i>Acropora valida</i> (Dana, 1846) ホソエダミドリイシ</b>            |            |                                                         |              |
| 251                                                             | 1975/10/2  | Kyan, Kuroshima, inner reef, 2-5 m deep                 | T. Fukuda    |
| 410                                                             | 1974-1988  | Kuroshima                                               |              |
| 593                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 614                                                             | 1974-1988  | Kuroshima                                               |              |
| 630                                                             | 1991       | Kuroshima                                               |              |
| 636                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| 652                                                             | 1991       | North of Kuroshima                                      |              |
| <b><i>Acropora</i> aff. <i>valida</i> (Dana, 1846)</b>          |            |                                                         |              |
| 323                                                             | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep             | M. Irie      |
| 610                                                             | 1974-1988  | Kuroshima                                               | M. Irie      |
| 618                                                             | 1978/4/28  | Off Nishinohama, Kuroshima                              |              |
| <b><i>Acropora</i> aff. <i>variolosa</i> (Khunzinger, 1879)</b> |            |                                                         |              |
| 1059                                                            | 1990/9/14  | South of Kohamajima, sand bottom, 2 m deep              |              |
| <b><i>Acropora vaughani</i> Wells, 1954 ボーンミドリイシ</b>            |            |                                                         |              |
| 654                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| <b><i>Acropora verweyi</i> Veron and Wallace, 1984</b>          |            |                                                         |              |
| 504                                                             | 1991/11/18 | Off Nishinohama, Kuroshima                              | M. Kashiwara |
| <b><i>Acropora yongei</i> Veron and Wallace, 1984 ヤングミドリイシ</b>  |            |                                                         |              |
| 249                                                             | 1975/10/2  | Kyan, Kuroshima Island, reef inside, at the depth of 2m | T. Fukuda    |
| 605                                                             | 1974-2000  | Yaeyama Islands                                         |              |
| <b><i>Acropora</i> sp. 1</b>                                    |            |                                                         |              |
| 248                                                             | 1975/9/24  | Kyan, Kuroshima, inner reef, 5 m deep                   | T. Fukuda    |

| KU-C No.                                                                                                     | Date      | Locality                                | Collect   |
|--------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------|-----------|
| 1002                                                                                                         | 1978/4/18 | Kyan, Kuroshima, inner reef             | M. Irie   |
| Remarks: KU-C 1002 is same as pictures of p. 109 identified as <i>A. robusta</i> in Uchida & Fukuda (1989a). |           |                                         |           |
| <b><i>Acropora</i> sp. 2</b>                                                                                 |           |                                         |           |
| 619                                                                                                          | 1991      | North of Kuroshima                      |           |
| 956                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| <b><i>Acropora</i> sp.3</b>                                                                                  |           |                                         |           |
| 609                                                                                                          | 1974-1988 | Kuroshima                               |           |
| 640                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| <b><i>Acropora</i> spp.</b>                                                                                  |           |                                         |           |
| 37                                                                                                           | 1975/1/24 | Fuki, Kuroshima, inner reef, 2-4 m deep | T. Fukuda |
| 118                                                                                                          | 1975      | South of Kayamajima                     | T. Fukuda |
| 250                                                                                                          | 1975/10/2 | Kyan, Kuroshima, inner reef, 2-5 m deep | T. Fukuda |
| 256                                                                                                          | 1975/10/2 | Kyan, Kuroshima, inner reef, 2-5 m deep | T. Fukuda |
| 259                                                                                                          | 1975/10/2 | Kyan, Kuroshima, inner reef, 2-5 m deep | T. Fukuda |
| 264                                                                                                          | 1975/10/2 | Kyan, Kuroshima, inner reef, 2-5 m deep | T. Fukuda |
| 463                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 464                                                                                                          | 1991      | North of Kuroshima                      |           |
| 474                                                                                                          | 2004/6/14 | North of Kuroshima                      |           |
| 486                                                                                                          | 2004/6/14 | Kuroshima                               |           |
| 489                                                                                                          | 2004/6/14 | North of Kuroshima                      |           |
| 490                                                                                                          | 2004/6/14 | North of Kuroshima                      |           |
| 491                                                                                                          | 2004/6/14 | North of Kuroshima                      |           |
| 535                                                                                                          | 1976      | Kuroshima                               | T. Fukuda |
| 592                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 622                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 623                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 711                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 751                                                                                                          | 2004/6/14 | North of Kuroshima                      |           |
| 752                                                                                                          | 2004/6/14 | North of Kuroshima                      |           |
| 753                                                                                                          | 2004/6/14 | North of Kuroshima                      |           |
| 761                                                                                                          | 2004/6/14 | North of Kuroshima                      |           |
| 767                                                                                                          | 1976/9/14 | Fuki, Kuroshima                         | T. Fukuda |
| 874                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 882                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 883                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 884                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 892                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 901                                                                                                          | 1976/9/14 | Fuki, Kuroshima                         | T. Fukuda |
| 909                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 918                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 941                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 942                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 943                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 944                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 945                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 946                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 947                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 948                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |
| 952                                                                                                          | 1975-2000 | Yaeyama Islands                         |           |
| 954                                                                                                          | 1974-2000 | Yaeyama Islands                         |           |

| KU-C No. | Date       | Locality                                               | Collect |
|----------|------------|--------------------------------------------------------|---------|
| 955      | 1974-2000  | Yaeyama Islands                                        |         |
| 961      | 1974-2000  | Yaeyama Islands                                        |         |
| 964      | 1991/11/18 | Off Nishinohama, Kuroshima                             |         |
| 977      | 1974-2000  | Yaeyama Islands                                        |         |
| 984      | 1974-2000  | Yaeyama Islands                                        |         |
| 985      | 1974-2000  | Yaeyama Islands                                        |         |
| 986      | 1974-2000  | Yaeyama Islands                                        |         |
| 991      | 1974-2000  | Yaeyama Islands                                        |         |
| 993      | 1974-2000  | Yaeyama Islands                                        |         |
| 998      | 1974-2000  | Yaeyama Islands                                        |         |
| 999      | 1974-2000  | Yaeyama Islands                                        |         |
| 1000     | 1974-2000  | Yaeyama Islands                                        |         |
| 1070     | 1978/4/28  | Off Nishinohama, Kuroshima                             | M. Irie |
| 1111     | 1974-2000  | Yaeyama Islands                                        |         |
| 1129     | 1974-2000  | Yaeyama Islands                                        |         |
| 1139     | 1974-2000  | Yaeyama Islands                                        |         |
| 1146     | 1974-2000  | Yaeyama Islands                                        |         |
| 1149     | 1974-2000  | Yaeyama Islands                                        |         |
| 1181     | 2000/8/3   | East of Kohamajima, 1-2 m deep                         |         |
| 1185     | 2000/8/1   | Urabishi Reef, off northeast of Kuroshima, 3-10 m deep |         |
| 1196     | 2000/8/3   | East of Kohamajima, 1-2 m deep                         |         |
| 1209     | 1974-2000  | Yaeyama Islands                                        |         |
| 1234     | 1974-2000  | Yaeyama Islands                                        |         |
| 1235     | 1974-2000  | Yaeyama Islands                                        |         |

***Anacropora forbesi* Ridley, 1884 マイクロトゲミドリイシ**

|      |           |                                                               |           |
|------|-----------|---------------------------------------------------------------|-----------|
| 1227 | 1975/3/29 | Umanoha Reef, off south of Taketomijima, inner reef, 6 m deep | T. Fukuda |
|------|-----------|---------------------------------------------------------------|-----------|

***Anacropora matthai* Pillai, 1973 ヒメトゲミドリイシ**

|     |            |                              |  |
|-----|------------|------------------------------|--|
| 775 | 1999/10/20 | South of Kuroshima, 5 m deep |  |
|-----|------------|------------------------------|--|

***Anacropora reticulata* Veron and Wallace, 1984 アミメトゲミドリイシ**

|     |           |                 |  |
|-----|-----------|-----------------|--|
| 506 | 1974-2000 | Yaeyama Islands |  |
| 516 | 1974-2000 | Yaeyama Islands |  |

***Anacropora spinosa* Rehberg, 1892 トゲミドリイシ**

|    |           |                                                               |           |
|----|-----------|---------------------------------------------------------------|-----------|
| 87 | 1975/3/29 | Umanoha Reef, off south of Taketomijima, inner reef, 6 m deep | T. Fukuda |
|----|-----------|---------------------------------------------------------------|-----------|

***Astreopora* aff. *gracilis* Bernard, 1896**

|     |            |                                           |                      |
|-----|------------|-------------------------------------------|----------------------|
| 811 | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep | K. Nomura & T. Kondo |
|-----|------------|-------------------------------------------|----------------------|

***Astreopora myriophthalma* (Lamarck, 1816) アナサンゴ**

|      |           |                                         |           |
|------|-----------|-----------------------------------------|-----------|
| 19   | 1975/1/24 | Fuki, Kuroshima, inner reef, 2-4 m deep | T. Fukuda |
| 33   | 1975/1/24 | Fuki, Kuroshima, inner reef, 2-4 m deep | T. Fukuda |
| 61   | 1975/1/1  | Kuroshima, inner reef, 2-4 m deep       | T. Fukuda |
| 745  | 1976/9/14 | Fuki, Kuroshima                         | T. Fukuda |
| 870  | 1989/8/10 | Nakamoto, Kuroshima, inner reef         | F. Iwase  |
| 890  | 1974-2000 | Yaeyama Islands                         |           |
| 1019 | 1978/4/15 | Nakamoto, Kuroshima, inner reef         | M. Irie   |
| 1176 | 1974-2000 | Yaeyama Islands                         |           |

Remarks: KU-C 1019 is same as pictures of p. 150 in Uchida & Fukuda (1989b).

***Astreopora* sp.**

|     |            |                                       |                      |
|-----|------------|---------------------------------------|----------------------|
| 819 | 1999/12/28 | Off Nishinohama, Kuroshima, 15 m deep | K. Nomura & T. Kondo |
|-----|------------|---------------------------------------|----------------------|

| KU-C No.                                                                     | Date       | Locality                                                    | Collect              |
|------------------------------------------------------------------------------|------------|-------------------------------------------------------------|----------------------|
| <b><i>Montipora aequituberculata</i> Bernard, 1897 チヂミウスコモンサンゴ</b>           |            |                                                             |                      |
| 23                                                                           | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                 | T. Fukuda            |
| 476                                                                          | 1999/10/19 | Nakamoto, Kuroshima Island, at the depth of 3m              |                      |
| 483                                                                          | 2004/6/14  | North of Kuroshima                                          |                      |
| 505                                                                          | 1974-2000  | Yaeyama Islands                                             |                      |
| 898                                                                          | 1989/6/6   | Nakamoto, Kuroshima, inner reef                             | F. Iwase             |
| 910                                                                          | 1989/6/5   | Nakamoto, Kuroshima, inner reef                             | F. Iwase             |
| 1001                                                                         | 1974-1988  | Kuroshima                                                   |                      |
| 1060                                                                         | 1978/4/15  | Nakamoto, Kuroshima inner reef                              | M. Irie              |
| 1104                                                                         | 1974-2000  | Yaeyama Islands                                             |                      |
| 1171                                                                         | 1974-2000  | Yaeyama Islands                                             |                      |
| Remarks: KU-C 1060 is same as pictures of p. 227 in Uchida & Fukuda(1989a).  |            |                                                             |                      |
| <b><i>Montipora altasepta</i> Nemenzo, 1967</b>                              |            |                                                             |                      |
| 809                                                                          | 1999/12/23 | Miyazato, Kuroshima Island, reef inside, at the depth of 3m | K. Nomura & T. Kondo |
| 1189                                                                         | 2003/9/25  | Shimobishi Reef, off southwest of Taketomijima              |                      |
| 1202                                                                         | 2000/10/6  | North of Todoroki River, Ishigakijima, inner reef           |                      |
| 1206                                                                         | 2000/10/6  | North of Todoroki River, Ishigakijima, inner reef           |                      |
| 1213                                                                         | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef           |                      |
| <b><i>Montipora cactus</i> Bernard, 1897 サボテンコモンサンゴ</b>                      |            |                                                             |                      |
| 534                                                                          | 1974-2000  | Yaeyama Islands                                             |                      |
| 949                                                                          | 1974-2000  | Yaeyama Islands                                             |                      |
| 963                                                                          | 1974-2000  | Yaeyama Islands                                             |                      |
| 1022                                                                         | 1978/4/15  | Nakamoto, Kuroshima, inner reef                             | M. Irie              |
| 1180                                                                         | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef, 1 m deep |                      |
| <b><i>Montipora</i> aff. <i>cactus</i> Bernard, 1897</b>                     |            |                                                             |                      |
| 1223                                                                         | 2000/10/6  | North of Todoroki River, Ishigakijima, inner reef           |                      |
| <b><i>Montipora caliculata</i> (Dana, 1846) コクボミコモンサンゴ</b>                   |            |                                                             |                      |
| 891                                                                          | 1991       | Yaeyama Islands                                             |                      |
| 1128                                                                         | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Montipora digitata</i> (Dana, 1846) エダコモンサンゴ</b>                       |            |                                                             |                      |
| 322                                                                          | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep                 | M. Irie              |
| 657                                                                          | 1974-2000  | Yaeyama Islands                                             |                      |
| 665                                                                          | 1989/6/8   | Nakamoto, Kuroshima, inner reef                             | F. Iwase             |
| 771                                                                          | 1986/10/19 | Nakamoto, Kuroshima, inner reef                             | H. Uchida            |
| 1088                                                                         | 1974-2000  | Yaeyama Islands                                             |                      |
| 1151                                                                         | 1974-2000  | Yaeyama Islands                                             |                      |
| 1179                                                                         | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef, 1 m deep |                      |
| <b><i>Montipora floweri</i> (Wells, 1954) ザラメコモンサンゴ</b>                      |            |                                                             |                      |
| 1027                                                                         | 1974-1978  | Kuroshima                                                   |                      |
| Remarks: KU-C 1027 is same as pictures of p. 153 in Uchida & Fukuda (1989a). |            |                                                             |                      |
| <b><i>Montipora foveolata</i> (Dana, 1846) オオクボミコモンサンゴ</b>                   |            |                                                             |                      |
| 1020                                                                         | 1978/4/22  | Off Hori, Kuroshima                                         | M. Irie              |
| Remarks: KU-C 1020 is same as pictures of p. 162 in Uchida & Fukuda (1989a). |            |                                                             |                      |
| <b><i>Montipora gaimardi</i> Bernard, 1897 コブコモンサンゴ</b>                      |            |                                                             |                      |
| 781                                                                          | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                   | K. Nomura & T. Kondo |
| 899                                                                          | 1989/6/8   | Nakamoto, Kuroshima, inner reef                             | F. Iwase             |
| 922                                                                          | 1974-2000  | Yaeyama Islands                                             |                      |

| KU-C No.                                                     | Date       | Locality                                                      | Collect      |
|--------------------------------------------------------------|------------|---------------------------------------------------------------|--------------|
| 1096                                                         | 1974-2000  | Yaeyama Islands                                               |              |
| 1142                                                         | 1974-2000  | Yaeyama Islands                                               |              |
| <b><i>Montipora grisea</i> Bernard, 1897 グリセアコモンサンゴ</b>      |            |                                                               |              |
| 509                                                          | 1974-1988  | Kuroshima                                                     |              |
| 831                                                          | 1991/11/18 | Off Nishinohama, Kuroshima                                    | M. Kashiwara |
| <b><i>Montipora</i> aff. <i>grisea</i> Bernard, 1897</b>     |            |                                                               |              |
| 980                                                          | 1974-2000  | Yaeyama Islands                                               |              |
| <b><i>Montipora hispida</i> (Dana, 1846) トゲコモンサンゴ</b>        |            |                                                               |              |
| 913                                                          | 1989/6/5   | Nakamoto, Kuroshima, inner reef                               | F. Iwase     |
| 973                                                          | 1974-2000  | Yaeyama Islands                                               |              |
| <b><i>Montipora informis</i> Bernard, 1897 ナリコモンサンゴ</b>      |            |                                                               |              |
| 22                                                           | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                   | T. Fukuda    |
| 436                                                          | 1975/1/24  | Fuki, Kuroshima                                               | T. Fukuda    |
| 456                                                          | 1974-2000  | Yaeyama Islands                                               |              |
| 849                                                          | 1989/8/21  | Nakamoto, Kuroshima, inner reef                               | F. Iwase     |
| 897                                                          | 1989/6/5   | Nakamoto, Kuroshima, inner reef                               | F. Iwase     |
| 1203                                                         | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef, intertidal |              |
| <b><i>Montipora malampaya</i> Nemenzo, 1967</b>              |            |                                                               |              |
| 879                                                          | 1974-2000  | Yaeyama Islands                                               |              |
| 1021                                                         | 1978/4/15  | Nakamoto, Kuroshima, inner reef                               | M. Irie      |
| 1127                                                         | 1974-2000  | Yaeyama Islands                                               |              |
| 1152                                                         | 2002/10/6  | North of Todoroki River, Ishigakijima, inner reef             |              |
| 1157                                                         | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef, intertidal |              |
| 1184                                                         | 2003/9/25  | Shimobishi Reef, off southwest of Taketomijima                |              |
| 1210                                                         | 2000/10/6  | North of Todoroki River, Ishigakijima, inner reef             |              |
| <b><i>Montipora mollis</i> Bernard, 1897 モリスコモンサンゴ</b>       |            |                                                               |              |
| 659                                                          | 1974-2000  | Yaeyama Islands                                               |              |
| <b><i>Montipora samarensis</i> Nemenzo, 1967</b>             |            |                                                               |              |
| 532                                                          | 1974-2000  | Yaeyama Islands                                               |              |
| 1160                                                         | 2002/10/6  | North of Todoroki River, Ishigakijima, inner reef             |              |
| 1161                                                         | 2002/10/6  | North of Todoroki River, Ishigakijima, inner reef             |              |
| 1165                                                         | 2002/10/6  | North of Todoroki River, Ishigakijima, inner reef             |              |
| 1174                                                         | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef, 1 m deep   |              |
| 1183                                                         | 1974-2000  | Yaeyama Islands                                               |              |
| 1201                                                         | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef, intertidal |              |
| 1205                                                         | 2001/9/7   | North of Todoroki River, Ishigakijima, inner reef, intertidal |              |
| <b><i>Montipora</i> aff. <i>samarensis</i> Nemenzo, 1967</b> |            |                                                               |              |
| 1200                                                         | 2000/7/29  | South of Todoroki River, Ishigakijima, inner reef, 1 m deep   |              |
| <b><i>Montipora spumosa</i> (Lamarck, 1816)</b>              |            |                                                               |              |
| 1164                                                         | 2002/10/6  | North of Todoroki River, Ishigakijima, inner reef             |              |
| 1170                                                         | 2002/10/6  | North of Todoroki River, Ishigakijima, inner reef             |              |
| <b><i>Montipora</i> aff. <i>spumosa</i> (Lamarck, 1816)</b>  |            |                                                               |              |
| 228                                                          | 1975/9/10  | Anadomari, Kuroshima, inner reef, 1 m deep                    | T. Fukuda    |
| <b><i>Montipora stellata</i> Bernard, 1897 トゲエダコモンサンゴ</b>    |            |                                                               |              |
| 1186                                                         | 2003/9/25  | Shimobishi Reef, off southwest of Taketomijima                |              |

| KU-C No.                                                                                                              | Date       | Locality                                                      | Collect              |
|-----------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------|----------------------|
| <b>Montipora tuberculosa (Lamarck, 1816) ヒメイボコモンサンゴ</b>                                                               |            |                                                               |                      |
| 1023                                                                                                                  | 1978/4/20  | Off Hori, Kuroshima                                           | M. Irie              |
| <b>Montipora venosa (Ehrenberg, 1834) コモンサンゴ</b>                                                                      |            |                                                               |                      |
| 1004                                                                                                                  | 1978/4/22  | Off Hori, Kuroshima                                           | M. Irie              |
| 1168                                                                                                                  | 1974-2000  | Yaeyama Islands                                               |                      |
| Remarks: KU-C 1004 is same as pictures of p. 163 in Uchida & Fukuda (1989a).                                          |            |                                                               |                      |
| <b>Montipora verrucosa (Lamarck, 1816) イボコモンサンゴ</b>                                                                   |            |                                                               |                      |
| 801                                                                                                                   | 1999/12/28 | Off Nishinohama, Kuroshima, 15m deep                          | K. Nomura & T. Kondo |
| 1024                                                                                                                  | 1978/4/20  | Off Hori, Kuroshima                                           | M. Irie              |
| <b>Montipora undata Bernard, 1897 ウネコモンサンゴ</b>                                                                        |            |                                                               |                      |
| 1005                                                                                                                  | 1978/5/5   | Urabishi Reef, off northeast of Kuroshima                     | M. Irie              |
| 1026                                                                                                                  | 1974-2000  | Yaeyama Islands                                               |                      |
| Remarks: KU-C 1005 is same as pictures of p. 223 identified as <i>Montipora verrucosa</i> in Uchida & Fukuda (1989a). |            |                                                               |                      |
| <b>Montipora sp.</b>                                                                                                  |            |                                                               |                      |
| 573                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| 664                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| <b>Montipora spp.</b>                                                                                                 |            |                                                               |                      |
| 21                                                                                                                    | 1975/1/24  | Fuki, Kuroshima, 2-4 m deep                                   | T. Fukuda            |
| 435                                                                                                                   | 1975/11/18 | Nakamoto, Kuroshima                                           | T. Fukuda            |
| 513                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| 528                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| 563                                                                                                                   | 1991       | Yaeyama Islands                                               |                      |
| 581                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| 719                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| 787                                                                                                                   | 1999/12/23 | Miyazato, Kuroshima, outer reef, 3 m deep                     | K. Nomura & T. Kondo |
| 817                                                                                                                   | 1999/12/23 | Miyazato, Kuroshima, outer reef, 3 m deep                     | K. Nomura & T. Kondo |
| 820                                                                                                                   | 1999/12/23 | Miyazato, Kuroshima, outer reef, 3 m deep                     | K. Nomura & T. Kondo |
| 864                                                                                                                   | 1989/8/7   | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 866                                                                                                                   | 1989/8/28  | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 888                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| 912                                                                                                                   | 1991       | Yaeyama Islands                                               |                      |
| 915                                                                                                                   | 1991       | Yaeyama Islands                                               |                      |
| 970                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| 972                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| 974                                                                                                                   | 1975-2000  | North of Kuroshima                                            |                      |
| 992                                                                                                                   | 1974-2000  | Yaeyama Islands                                               |                      |
| 1011                                                                                                                  | 1991       | North of Kuroshima                                            |                      |
| 1087                                                                                                                  | 1974-2000  | Yaeyama Islands                                               |                      |
| 1094                                                                                                                  | 1974-2000  | Yaeyama Islands                                               |                      |
| 1118                                                                                                                  | 1991/11/18 | Nakamoto, Kuroshima, inner reef                               |                      |
| 1138                                                                                                                  | 2002/10/6  | North of Todoroki River, Ishigakijima, inner reef             |                      |
| 1143                                                                                                                  | 1974-2000  | Yaeyama Islands                                               |                      |
| 1155                                                                                                                  | 2002/10/6  | North of Todoroki River, Ishigakijima, inner reef             |                      |
| 1162                                                                                                                  | 2003/9/26  | Shimobishi Reef, off southwest of Taketomijima                |                      |
| 1195                                                                                                                  | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef, intertidal |                      |
| 1216                                                                                                                  | 1974-2000  | Yaeyama Islands                                               |                      |
| <b>Isopora brueggemanni (Brook, 1981) フトエダミドリイシ</b>                                                                   |            |                                                               |                      |
| 137                                                                                                                   | 1975/5/14  | Kyan, Kuroshima, inner reef, 2-3 m deep                       | T. Fukuda            |

| KU-C No. | Date      | Locality                                | Collect |
|----------|-----------|-----------------------------------------|---------|
| 1064     | 1978/4/18 | Kyan, Kuroshima, inner reef, 2-3 m deep | M. Irie |
| 1117     | 1974-2000 | Yaeyama Islands                         |         |

***Isopora palifera* (Lamarck, 1816) ニオウミドリイシ**

|      |           |                                         |                      |
|------|-----------|-----------------------------------------|----------------------|
| 38   | 1975/1/24 | Fuki, Kuroshima, inner reef, 2-4 m deep | T. Fukuda            |
| 333  | 1978/4/17 | Off Hori, Kuroshima                     | M. Irie              |
| 688  | 2003/1/3  | Yaeyama Islands, 8 m deep               | K. Nomura & T. Kondo |
| 990  | 1991      | North of Kuroshima                      |                      |
| 1236 | 1974-1988 | Kuroshima                               |                      |

Remarks: KU-C 333 is same as pictures of p. 180 in Uchida & Fukuda (1989a).

***Isopora* sp.**

|      |           |                 |  |
|------|-----------|-----------------|--|
| 1159 | 1974-2000 | Yaeyama Islands |  |
|------|-----------|-----------------|--|

**Poritidae ハマサンゴ科**

***Alveopora verrilliana* Dana, 1872 アワサンゴ**

|      |            |                                          |                      |
|------|------------|------------------------------------------|----------------------|
| 197  | 1975/8/26  | West of Kuroshima, patch reef            | T. Fukuda            |
| 292  | 1976/1/14  | Fuki, Kuroshima, outer reef, 5-10 m deep | T. Fukuda            |
| 804  | 1999/12/25 | Off Nishinohama, Kuroshima, 10 m deep    | K. Nomura & T. Kondo |
| 1029 | 1978/4/23  | Off Hori, Kuroshima                      | M. Irie              |

***Goniopora burgosi* Nemenzo, 1955**

|      |           |                                 |          |
|------|-----------|---------------------------------|----------|
| 868  | 1989/8/7  | Nakamoto, Kuroshima, inner reef | F. Iwase |
| 1093 | 1974-2000 | Yaeyama Islands                 |          |

***Goniopora djiboutiensis* Vaughan, 1907 キクメハナガササンゴ**

|     |           |                 |  |
|-----|-----------|-----------------|--|
| 473 | 1974-2000 | Yaeyama Islands |  |
|-----|-----------|-----------------|--|

***Goniopora lobata* Milne Edwards and Haime, 1860 ハナガササンゴ**

|     |           |                 |  |
|-----|-----------|-----------------|--|
| 698 | 1974-2000 | Yaeyama Islands |  |
|-----|-----------|-----------------|--|

***Goniopora minor* Crossland, 1952 ロッポウハナガササンゴ**

|     |            |                                       |                      |
|-----|------------|---------------------------------------|----------------------|
| 807 | 1999/12/26 | Off Nishinohama, Kuroshima, 10 m deep | K. Nomura & T. Kondo |
|-----|------------|---------------------------------------|----------------------|

***Goniopora norfolkensis* Veron and Pichon, 1982**

|     |          |                                       |           |
|-----|----------|---------------------------------------|-----------|
| 177 | 1975/8/1 | Fuki, Kuroshima, inner reef, 3 m deep | T. Fukuda |
|-----|----------|---------------------------------------|-----------|

***Goniopora pandoraensis* Veron and Pichon, 1982 パンドラハナガササンゴ**

|     |           |                               |           |
|-----|-----------|-------------------------------|-----------|
| 117 | 1975      | South of Kayamajima, 6 m deep | T. Fukuda |
| 932 | 1974-2000 | Yaeyama Islands               |           |
| 933 | 1974-2000 | Yaeyama Islands               |           |

***Goniopora tenuidens* (Quelch, 1886) マルアナハナガササンゴ**

|      |           |                                   |           |
|------|-----------|-----------------------------------|-----------|
| 89   | 1975/1/1  | Kuroshima, inner reef, 2-4 m deep | T. Fukuda |
| 569  | 1978/4/15 | Nakamoto, Kuroshima, inner reef   | M. Irie   |
| 697  | 1974-1988 | Kuroshima                         |           |
| 1028 | 1976/9/15 | Fuki, Kuroshima, inner reef       | T. Fukuda |

***Goniopora* sp.**

|     |            |                                       |          |
|-----|------------|---------------------------------------|----------|
| 830 | 1991/11/24 | Kyan, Kuroshima, inner reef, 3 m deep | F. Iwase |
|-----|------------|---------------------------------------|----------|

***Porites annae* Crossland, 1952 イワハマサンゴ**

|     |           |                 |  |
|-----|-----------|-----------------|--|
| 533 | 1974-2000 | Yaeyama Islands |  |
| 537 | 1974-2000 | Yaeyama Islands |  |
| 571 | 1974-2000 | Yaeyama Islands |  |

| KU-C No.                                                          | Date       | Locality                                     | Collect   |
|-------------------------------------------------------------------|------------|----------------------------------------------|-----------|
| 906                                                               | 1974-2000  | Yaeyama Islands                              |           |
| 1103                                                              | 1974-2000  | Yaeyama Islands                              |           |
| <b><i>Porites attenuata</i> Nemenzo, 1955 ベルベツトハマサンゴ</b>          |            |                                              |           |
| 268                                                               | 1975/10/2  | Anadomari, Kuroshima, patch reef, 1-2 m deep | T. Fukuda |
| <b><i>Porites australiensis</i> Vaughan, 1918 ハマサンゴ</b>           |            |                                              |           |
| 230                                                               | 1975/9/10  | Anadomari, Kuroshima, inner reef, 1 m deep   | T. Fukuda |
| 1095                                                              | 1974-2000  | Yaeyama Islands                              |           |
| <b><i>Porites</i> aff. <i>australiensis</i> Vaughan, 1918</b>     |            |                                              |           |
| 205                                                               | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep        | T. Fukuda |
| 848                                                               | 1989/5/18  | Nakamoto, Kuroshima, inner reef              | F. Iwase  |
| <b><i>Porites cylindrica</i> Dana, 1846 ユビエダハマサンゴ</b>             |            |                                              |           |
| 60                                                                | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep            | T. Fukuda |
| 158                                                               | 1975/7/6   | Kyan, Kuroshima, inner reef, 1 m deep        | T. Fukuda |
| 180                                                               | 1975/7/1   | Kyan, Kuroshima, inner reef, 1 m deep        | T. Fukuda |
| 214                                                               | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep        | T. Fukuda |
| 287                                                               | 1975/11/10 | East of Hatomajima, 5 m deep                 | T. Fukuda |
| 288                                                               | 1975/11/10 | East of Hatomajima, 5 m deep                 | T. Fukuda |
| 319                                                               | 1978/1/4   | Miyazato, Kuroshima, inner reef, 3 m deep    | M. Irie   |
| 550                                                               | 1974-2000  | Yaeyama Islands                              |           |
| 725                                                               | 1974-2000  | Yaeyama Islands                              |           |
| 726                                                               | 1974-2000  | Yaeyama Islands                              |           |
| 1083                                                              | 1978/5/5   | Urabishi Reef, off northeast of Kuroshima    | M. Irie   |
| <b><i>Porites deformis</i> Nemenzo, 1955</b>                      |            |                                              |           |
| 865                                                               | 1974-2000  | Yaeyama Islands                              |           |
| <b><i>Porites evermanni</i> Vaughan, 1907</b>                     |            |                                              |           |
| 1126                                                              | 1974-2000  | Yaeyama Islands                              |           |
| <b><i>Porites heronensis</i> Veron, 1985 フタマタハマサンゴ</b>            |            |                                              |           |
| 202                                                               | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep        | T. Fukuda |
| 833                                                               | 1987/12/15 | Nakamoto, Kuroshima, inner reef              | F. Iwase  |
| <b><i>Porites latistella</i> Quelch, 1886</b>                     |            |                                              |           |
| 301                                                               | 1976       | Kuroshima                                    | T. Fukuda |
| 1101                                                              | 1974-2000  | Yaeyama Islands                              |           |
| <b><i>Porites lichen</i> Dana, 1846 ベニハマサンゴ</b>                   |            |                                              |           |
| 269                                                               | 1975/10/2  | Anadomari, Kuroshima, patch reef, 1-2 m deep | T. Fukuda |
| 863                                                               | 1989/8/9   | Nakamoto, Kuroshima, inner reef              | F. Iwase  |
| 869                                                               | 1989/8/9   | Nakamoto, Kuroshima, inner reef              | F. Iwase  |
| <b><i>Porites</i> aff. <i>lichen</i> Dana, 1846</b>               |            |                                              |           |
| 747                                                               | 1976/9/14  | Fuki, Kuroshima, inner reef                  | T. Fukuda |
| <b><i>Porites lobata</i> Dana, 1846 フカアナハマサンゴ</b>                 |            |                                              |           |
| 213                                                               | 1975/9/9   | Fuki, Kuroshima, inner reef, 4 m deep        | T. Fukuda |
| 822                                                               | 1987/12/15 | Nakamoto, Kuroshima, inner reef              | F. Iwase  |
| <b><i>Porites lutea</i> Milne Edwards and Haime, 1848 コブハマサンゴ</b> |            |                                              |           |
| 62                                                                | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep            | T. Fukuda |
| 270                                                               | 1975/10/2  | Anadomari, Kuroshima, patch reef, 1-2 m deep | T. Fukuda |
| 829                                                               | 1987/12/15 | Nakamoto, Kuroshima, inner reef              | F. Iwase  |

| KU-C No.                                                                  | Date       | Locality                                                      | Collect              |
|---------------------------------------------------------------------------|------------|---------------------------------------------------------------|----------------------|
| 832                                                                       | 1987/11/10 | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 889                                                                       | 1987/12/15 | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 1084                                                                      | 1978/4/22  | Off Hori, Kuroshima                                           | M. Irie              |
| 1085                                                                      | 1978/4/23  | Off Hori, Kuroshima                                           | M. Irie              |
| 1144                                                                      | 1974-2000  | Yaeyama Islands                                               |                      |
| 1173                                                                      | 1974-2000  | Yaeyama Islands                                               |                      |
| 1178                                                                      | 1974-1988  | Kuroshima Island                                              |                      |
| <b><i>Porites</i> aff. <i>lutea</i> Milne Edwards and Haime, 1848</b>     |            |                                                               |                      |
| 658                                                                       | 1976/9/15  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| <b><i>Porites mayeri</i> Vaughan, 1918 スジハマサンゴ</b>                        |            |                                                               |                      |
| 1231                                                                      | 1987/12/15 | Nakamoto, Kuroshima, inner reef                               |                      |
| <b><i>Porites nigrescens</i> Dana, 1846 アミメハマサンゴ</b>                      |            |                                                               |                      |
| 470                                                                       | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Porites rus</i> (Forskål, 1775) パラオハマサンゴ</b>                        |            |                                                               |                      |
| 591                                                                       | 1974-1988  | Kuroshima                                                     |                      |
| 1125                                                                      | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Porites</i> sp.</b>                                                 |            |                                                               |                      |
| 212                                                                       | 1975/9/9   | Fuki, Kuroshima, inner reef, 4 m deep                         | T. Fukuda            |
| <b><i>Porites</i> spp.</b>                                                |            |                                                               |                      |
| 215                                                                       | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 514                                                                       | 1974-2000  | Yaeyama Islands                                               |                      |
| 539                                                                       | 1974-2000  | Yaeyama Islands                                               |                      |
| 541                                                                       | 1974-2000  | Yaeyama Islands                                               |                      |
| 713                                                                       | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| 759                                                                       | 1999/10/25 | Fuki, Kuroshima, inner reef, 3 m deep                         | K. Nomura & T. Kondo |
| <b>Siderastreidae ヤスリサンゴ科</b>                                             |            |                                                               |                      |
| <b><i>Coscinaraea columna</i> (Dana, 1846) ヤスリサンゴ</b>                     |            |                                                               |                      |
| 517                                                                       | 1974-2000  | Yaeyama Islands                                               |                      |
| 851                                                                       | 1989/7/18  | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 1107                                                                      | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Coscinaraea</i> aff. <i>monile</i> (Forskål, 1775)</b>              |            |                                                               |                      |
| 565                                                                       | 1974-2000  | Yaeyama Islands                                               |                      |
| <b>Psammocoridae アミメサンゴ科</b>                                              |            |                                                               |                      |
| <b><i>Psammocora contigua</i> (Esper, 1794) ヤッコアミメサンゴ</b>                 |            |                                                               |                      |
| 660                                                                       | 1991/11/27 | Urabishi Reef, off northeast of Kuroshima                     |                      |
| 871                                                                       | 1989/8/11  | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 1197                                                                      | 2000/7/27  | North of Todoroki River, Ishigakijima, inner reef, intertidal |                      |
| 1208                                                                      | 2001/9/7   | North of Todoroki River, Ishigakijima, inner reef, intertidal |                      |
| <b><i>Psammocora haimiana</i> Milne Edwards and Haime, 1851 ヤスリアミメサンゴ</b> |            |                                                               |                      |
| 144                                                                       | 1975/5/23  | Kyan, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 159                                                                       | 1975/7/6   | Kyan, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 237                                                                       | 1975/9/9   | Kyan, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 562                                                                       | 1974-2000  | Yaeyama Islands                                               |                      |
| 773                                                                       | 1999/10/19 | Nakamoto, Kuroshima, 3 m deep                                 |                      |

| KU-C No.                                                        | Date       | Locality                                               | Collect              |
|-----------------------------------------------------------------|------------|--------------------------------------------------------|----------------------|
| <b><i>Psammocora aff. nierstraszi</i> Horst, 1921</b>           |            |                                                        |                      |
| 976                                                             | 1991/11/27 | Off Nishinohama, Kuroshima                             |                      |
| <b><i>Psammocora profundacella</i> Gardiner, 1898 アミメサンゴ</b>    |            |                                                        |                      |
| 670                                                             | 2000/1/1   | North of Kamichijima, Aragusukujima, 10 m deep         | K. Nomura & T. Kondo |
| <b>Agariciidae ヒラフキサンゴ科</b>                                     |            |                                                        |                      |
| <b><i>Coeloseris mayeri</i> Vaughan, 1918 ヨロンキクメイシ</b>          |            |                                                        |                      |
| 750                                                             | 1974-2000  | Yaeyama Islands                                        |                      |
| 894                                                             | 1974-2000  | Yaeyama Islands                                        |                      |
| 1163                                                            | 1974-2000  | Yaeyama Islands                                        |                      |
| <b><i>Gardineroseris planulata</i> (Dana, 1846) ヒラフキサンゴ</b>     |            |                                                        |                      |
| 497                                                             | 2000/1/4   | Off south of Kuroshima, 10 m deep                      | K. Nomura & T. Kondo |
| 580                                                             | 1989/4/21  | Off komi, Iriomotejima                                 | M. Kashiwara         |
| 739                                                             | 1978/4/22  | Off Hori, Kuroshima                                    | M. Irie              |
| 924                                                             | 1974-2000  | Yaeyama Islands                                        |                      |
| <b><i>Leptoseris explanata</i> Yabe and Sugiyama, 1941</b>      |            |                                                        |                      |
| 1136                                                            | 1974-2000  | Yaeyama Islands                                        |                      |
| <b><i>Leptoseris aff. explanata</i> Yabe and Sugiyama, 1941</b> |            |                                                        |                      |
| 673                                                             | 2000/1/3   | Yaeyama Islands, 8 m deep                              | K. Nomura & T. Kondo |
| <b><i>Leptoseris mycetoseroides</i> Wells, 1954</b>             |            |                                                        |                      |
| 272                                                             | 1975/10/2  | Anadomari, Kuroshima, 8 m deep                         | T. Fukuda            |
| <b><i>Pachyseris gemmae</i> Nemenzo, 1955 イボリュウモンサンゴ</b>        |            |                                                        |                      |
| 826                                                             | 1999/12/13 | Northwest of Taketomijima, 12 m deep                   | K. Nomura & T. Kondo |
| <b><i>Pachyseris rugosa</i> (Lamarck, 1801) シワリュウモンサンゴ</b>      |            |                                                        |                      |
| 478                                                             | 2004/6/14  | North of Kuroshima                                     |                      |
| 689                                                             | 1999/12/13 | West of Taketomijima, 12 m deep                        | K. Nomura & T. Kondo |
| <b><i>Pachyseris speciosa</i> (Dana, 1846) リュウモンサンゴ</b>         |            |                                                        |                      |
| 46                                                              | 1975/1/31  | Urabishi Reef, off northeast of Kuroshima, 3-10 m deep | T. Fukuda            |
| 1040                                                            | 1978/4/18  | Kyan, Kuroshima                                        | M. Irie              |
| <b><i>Pavona cactus</i> (Forskål, 1775) サオトメシコロサンゴ</b>          |            |                                                        |                      |
| 244                                                             | 1975/9/21  | Fuki, Kuroshima, inner reef, 2 m deep                  | T. Fukuda            |
| 412                                                             | 1974-1988  | Kuroshima                                              |                      |
| 1123                                                            | 1974-2000  | Yaeyama Islands                                        |                      |
| 1166                                                            | 1974-1988  | Kuroshima                                              |                      |
| <b><i>Pavona danai</i> Milne Edwards and Haime, 1860</b>        |            |                                                        |                      |
| 168                                                             | 1975/7/11  | Northeast of Kuroshima, 1 m deep                       | T. Fukuda            |
| 845                                                             | 1989/5/18  | Nakamoto, Kuroshima, inner reef                        | F. Iwase             |
| 951                                                             | 1974-2000  | Yaeyama Islands                                        |                      |
| <b><i>Pavona decussata</i> (Dana, 1846) シコロサンゴ</b>              |            |                                                        |                      |
| 110                                                             | 1975/4/27  | Nakamoto, Kuroshima, inner reef, intertidal            | T. Fukuda            |
| 130                                                             | 1973       | Oonami, Ishigakijima, inner reef, 1 m deep             | T. Fukuda            |
| 131                                                             | 1973       | Oonami, Ishigakijima, inner reef, 1 m deep             | T. Fukuda            |
| 1133                                                            | 1974-2000  | Yaeyama Islands                                        |                      |

| KU-C No.                                                                                                           | Date       | Locality                                                    | Collect              |
|--------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------|----------------------|
| <b><i>Pavona duerdeni</i> Vaughan, 1907 ハマシコロサング</b>                                                               |            |                                                             |                      |
| 167                                                                                                                | 1975/7/6   | Kyan, Kuroshima, inner reef, 4 m deep                       | T. Fukuda            |
| 465                                                                                                                | 1974-2000  | Yaeyama Islands                                             |                      |
| 967                                                                                                                | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Pavona explanata</i> (Lamarck, 1816)</b>                                                                     |            |                                                             |                      |
| 853                                                                                                                | 1989/8/29  | Nakamoto, Kuroshima, inner reef                             | F. Iwase             |
| 856                                                                                                                | 1989/8/7   | Nakamoto, Kuroshima, inner reef                             | F. Iwase             |
| <b><i>Pavona frondifera</i> (Lamarck, 1816) コノハシコロサング</b>                                                          |            |                                                             |                      |
| 132                                                                                                                | 1973       | Oonami, Ishigakijima, inner reef, 1 m deep                  | T. Fukuda            |
| 821                                                                                                                | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                   | K. Nomura & T. Kondo |
| 962                                                                                                                | 1974-2000  | Yaeyama Islands                                             |                      |
| 1122                                                                                                               | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Pavona varians</i> Verrill, 1864 シワシコロサング</b>                                                                |            |                                                             |                      |
| 6                                                                                                                  | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                     | T. Fukuda            |
| 297                                                                                                                | 1976       | Kuroshima                                                   | T. Fukuda            |
| 510                                                                                                                | 1974-1988  | Kuroshima                                                   |                      |
| 716                                                                                                                | 1974-2000  | Yaeyama Islands                                             |                      |
| 782                                                                                                                | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                   | K. Nomura & T. Kondo |
| 834                                                                                                                | 1991/11/26 | Urabishi Reef, off northeast of Kuroshima                   |                      |
| 861                                                                                                                | 1989/7/18  | Nakamoto, Kuroshima, inner reef                             | F. Iwase             |
| 1182                                                                                                               | 2000/7/29  | North of Todoroki River, Ishigakijima, inner reef, 1 m deep |                      |
| 1188                                                                                                               | 2000/7/29  | North of Todoroki River, Ishigakijima, inner reef, 1 m deep |                      |
| 1211                                                                                                               | 2001/9/7   | North of Todoroki River, Ishigakijima, inner reef           |                      |
| 1219                                                                                                               | 2001/9/7   | South of Todoroki River, Ishigakijima, inner reef           |                      |
| <b><i>Pavona venosa</i> (Ehrenberg, 1834) シコロキクメイシ</b>                                                             |            |                                                             |                      |
| 5                                                                                                                  | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                     | T. Fukuda            |
| 166                                                                                                                | 1975/7/6   | Kyan, Kuroshima, inner reef, 1 m deep                       | T. Fukuda            |
| 810                                                                                                                | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                   | K. Nomura & T. Kondo |
| 855                                                                                                                | 1989/8/21  | Miyazato, Kuroshima, inner reef                             | F. Iwase             |
| 1230                                                                                                               | 1974-1988  | Kuroshima                                                   |                      |
| <b><i>Pavona</i> spp.</b>                                                                                          |            |                                                             |                      |
| 1135                                                                                                               | 1974-2000  | Yaeyama Islands                                             |                      |
| <b>Fungiidae クサビライシ科</b>                                                                                           |            |                                                             |                      |
| <b><i>Cycloseris costulata</i> (Ortmann, 1889) スジマンジュウイシ</b>                                                       |            |                                                             |                      |
| 1097                                                                                                               | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Cycloseris</i> aff. <i>somervillei</i> (Gardiner, 1909)</b>                                                  |            |                                                             |                      |
| 904                                                                                                                | 1974-1988  | Kuroshima                                                   |                      |
| Remarks: KU-C 904 is same as pictures of p. 29 identified as <i>Fungia moluccensis</i> in Uchida & Fukuda (1989a). |            |                                                             |                      |
| <b><i>Cycloseris vaughani</i> (Boschma, 1923) マンジュウイシモドキ</b>                                                       |            |                                                             |                      |
| 1100                                                                                                               | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Ctenactis echinata</i> (Pallas, 1766) トゲクサビライシ</b>                                                           |            |                                                             |                      |
| 115                                                                                                                | 1975/5/5   | West of Kayamajima, inner reef, 3 m deep                    | T. Fukuda            |
| 119                                                                                                                | 1975       | Kuroshima, inner reef, 1-4 m deep                           | T. Fukuda            |
| 120                                                                                                                | 1975       | Kuroshima, inner reef, 1-4 m deep                           | T. Fukuda            |
| 547                                                                                                                | 1974-1988  | Kuroshima                                                   |                      |

| KU-C No.                                                                  | Date       | Locality                                    | Collect              |
|---------------------------------------------------------------------------|------------|---------------------------------------------|----------------------|
| 598                                                                       | 1974-1988  | Kuroshima                                   |                      |
| <b><i>Heliofungia actiniformis</i> (Quoy and Gaimard, 1833) パラオクサビライシ</b> |            |                                             |                      |
| 114                                                                       | 1975/5/5   | West of Kayamajima, 3 m deep                | T. Fukuda            |
| 128                                                                       | 1975/2/9   | South of Haterumajima, inner reef, 3 m deep | T. Fukuda            |
| <b><i>Herpolitha limax</i> (Houttuyn, 1772) キュウリイシ</b>                    |            |                                             |                      |
| 529                                                                       | 1976/9/16  | Fuki, Kuroshima, outer reef                 | T. Fukuda            |
| 552                                                                       | 1989/6/6   | Nakamoto, Kuroshima, inner reef             | F. Iwase             |
| 764                                                                       | 1974-1988  | Kuroshima                                   |                      |
| 965                                                                       | 1974-2000  | Yaeyama Islands                             |                      |
| 978                                                                       | 1974-2000  | Yaeyama Islands                             |                      |
| 982                                                                       | 1974-2000  | Yaeyama Islands                             |                      |
| 1016                                                                      | 1974-1988  | Kuroshima                                   |                      |
| <b><i>Herpolitha weberi</i> Horst, 1921 ヒトスジキュウリイシ</b>                    |            |                                             |                      |
| 34                                                                        | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep     | T. Fukuda            |
| 756                                                                       | 1999/10/25 | Fuki, Kuroshima, inner reef, 3 m deep       | K. Nomura & T. Kondo |
| <b><i>Halomitra pileus</i> (Linnaeus, 1758) カブトサンゴ</b>                    |            |                                             |                      |
| 508                                                                       | 1976/12/1  | Kuroshima                                   | T. Fukuda            |
| <b><i>Fungia concinna</i> Verrill, 1864 ヒラタクサビライシ</b>                     |            |                                             |                      |
| 925                                                                       | 1974-2000  | Yaeyama Islands                             |                      |
| <b><i>Fungia danai</i> Milne Edwards and Haime, 1851 デーナノコギリクサビライシ</b>    |            |                                             |                      |
| 722                                                                       | 1974-2000  | Yaeyama Islands                             |                      |
| <b><i>Fungia fungites</i> (Linnaeus, 1758) シタザラクサビライシ</b>                 |            |                                             |                      |
| 124                                                                       | 1975       | Kuroshima, inner reef, 2-4 m deep           | T. Fukuda            |
| 1175                                                                      | 1974-2000  | Yaeyama Islands                             |                      |
| <b><i>Fungia</i> aff. <i>fungites</i> (Linnaeus, 1758)</b>                |            |                                             |                      |
| 35                                                                        | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep     | T. Fukuda            |
| 485                                                                       | 2004/6/14  | North of Kuroshima                          | H. Uchida            |
| <b><i>Fungia granulosa</i> Klunzinger, 1879 ナミクサビライシ</b>                  |            |                                             |                      |
| 1198                                                                      | 1974-2000  | Yaeyama Islands                             |                      |
| <b><i>Fungia klunzingeri</i> Döderlein, 1901 ノコギリクサビライシ</b>               |            |                                             |                      |
| 905                                                                       | 1974-2000  | Yaeyama Islands                             |                      |
| <b><i>Fungia moluccensis</i> Horst, 1919 ネジレクサビライシ</b>                    |            |                                             |                      |
| 560                                                                       | 1974-2000  | Yaeyama Islands                             |                      |
| <b><i>Fungia paumotensis</i> Stutchbury, 1833 ソウリイシ</b>                   |            |                                             |                      |
| 784                                                                       | 1999/12/23 | Fuki, Kuroshima, inner reef, 3 m deep       | K. Nomura & T. Kondo |
| <b><i>Fungia repanda</i> Dana, 1846 マルクサビライシ</b>                          |            |                                             |                      |
| 129                                                                       | 1975/5/5   | West of Kayamajima, inner reef, 3 m deep    | T. Fukuda            |
| 561                                                                       | 1974-1988  | Kuroshima                                   |                      |
| <b><i>Fungia scabra</i> Döderlein, 1901</b>                               |            |                                             |                      |
| 903                                                                       | 1974-2000  | Yaeyama Islands                             |                      |
| <b><i>Fungia scutaria</i> Lamarck, 1801 クサビライシ</b>                        |            |                                             |                      |
| 687                                                                       | 1999/10/25 | Fuki, Kuroshima, inner reef, 3 m deep       |                      |

| KU-C No.                                                                                                              | Date       | Locality                                                    | Collect              |
|-----------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------|----------------------|
| <b><i>Lithophyllon lobata</i> Horst, 1921   ミナミカワラサンゴ</b>                                                             |            |                                                             |                      |
| 295                                                                                                                   | 1976/5/1   | Fuki, Kuroshima, inner reef, 3 m deep                       | T. Fukuda            |
| 701                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 702                                                                                                                   | 1974-1978  | Kuroshima                                                   |                      |
| 900                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 959                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 1114                                                                                                                  | 1974-2000  | Yaeyama Islands                                             |                      |
| Remarks: KU-C 702 is same as pictures of p. 90 identified as <i>Lithophyllon edwardsi</i> in Uchida & Fukuda (1989b). |            |                                                             |                      |
| <b><i>Lithophyllon</i> sp.</b>                                                                                        |            |                                                             |                      |
| 796                                                                                                                   | 1999/12/23 | Miyazato, Kuroshima Island, reef inside, at the depth of 3m | K. Nomura & T. Kondo |
| <b><i>Podabacia crustacea</i> (Pallas, 1766)   ヤエヤマカワラサンゴ</b>                                                         |            |                                                             |                      |
| 487                                                                                                                   | 2000/1/3   | Yaeyama Islands, 8 m deep                                   | K. Nomura & T. Kondo |
| 501                                                                                                                   | 1974-1988  | Yaeyama Islands                                             |                      |
| 768                                                                                                                   | 2000/1/1   | Yaeyama Islands                                             |                      |
| 1041                                                                                                                  | 1978/5/5   | Urabishi Reef, off northeast of Kuroshima                   | M. Irie              |
| 1061                                                                                                                  | 1976       | Kuroshima                                                   |                      |
| <b><i>Podabacia motuporensis</i> (Veron, 1990)</b>                                                                    |            |                                                             |                      |
| 802                                                                                                                   | 1999/12/28 | Off Nishinohama, Kuroshima, 15 m deep                       | K. Nomura & T. Kondo |
| <b><i>Polyphyllia talpina</i> (Lamarck, 1801)   イシナマコ</b>                                                             |            |                                                             |                      |
| 127                                                                                                                   | 1975       | Kuroshima, inner reef, 2-4 m deep                           | T. Fukuda            |
| 274                                                                                                                   | 1975/11/12 | West of Hatomajima, sandy bottom, 6 m deep                  | T. Fukuda            |
| 337                                                                                                                   | 1978/4/17  | Off the shore of Hori, Kuroshima Island                     | M. Irie              |
| 496                                                                                                                   | 2000/1/4   | South of Kuroshima, outer reef, 10 m deep                   | K. Nomura & T. Kondo |
| 1086                                                                                                                  | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Sandalolitha robusta</i> Quelch, 1886   ヘルメットイシ</b>                                                             |            |                                                             |                      |
| 141                                                                                                                   | 1975/5/14  | Kyan, Kuroshima, inner reef, 3 m deep                       | T. Fukuda            |
| 289                                                                                                                   | 1975/12/26 | Kuroshima, 10 m deep                                        | T. Fukuda            |
| 765                                                                                                                   | 1999/12/10 | Miyazato, Kuroshima, outer reef, 15 m deep                  | K. Nomura & T. Kondo |
| <b><i>Zoopilus echinatus</i> Dana, 1846   アミガササンゴ</b>                                                                 |            |                                                             |                      |
| 661                                                                                                                   | 1974-1988  | Kuroshima                                                   |                      |
| 1045                                                                                                                  | 1974-1988  | Kuroshima                                                   |                      |
| <b>Fungiidae sp.</b>                                                                                                  |            |                                                             |                      |
| 1120                                                                                                                  | 1974-2000  | Yaeyama Islands                                             |                      |
| <b>Oculinidae   ビワガライシ科</b>                                                                                           |            |                                                             |                      |
| <b><i>Galaxea fascicularis</i> (Linnaeus, 1767)   アザミサンゴ</b>                                                          |            |                                                             |                      |
| 52                                                                                                                    | 1975/1/31  | Urabishi Reef, off northeast of Kuroshima                   | T. Fukuda            |
| 82                                                                                                                    | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep                           | T. Fukuda            |
| 176                                                                                                                   | 1975/8/1   | Fuki, Kuroshima, inner reef, 3 m deep                       | T. Fukuda            |
| 482                                                                                                                   | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                   | K. Nomura & T. Kondo |
| 546                                                                                                                   | 1978/4/20  | Off Hori, Kuroshima                                         | M. Irie              |
| 551                                                                                                                   | 1976/9/14  | Fuki, Kuroshima, inner reef                                 | T. Fukuda            |
| 582                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 662                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 699                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 700                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 749                                                                                                                   | 1974/12/21 | Yaeyama Islands                                             |                      |
|                                                                                                                       |            |                                                             |                      |
|                                                                                                                       |            |                                                             |                      |

| KU-C No.                                                                 | Date       | Locality                                               | Collect              |
|--------------------------------------------------------------------------|------------|--------------------------------------------------------|----------------------|
| 762                                                                      | 1975/4/12  | West of Kuroshima Island, at the depth of 3m           | T. Fukuda            |
| 902                                                                      | 1974-2000  | Yaeyama Islands                                        |                      |
| 917                                                                      | 1989/6/7   | Nakamoto, Kuroshima, inner reef                        | F. Iwase             |
| 936                                                                      | 1974-2000  | Yaeyama Islands                                        |                      |
| 975                                                                      | 1974-2000  | Yaeyama Islands                                        |                      |
| 989                                                                      | 1974-2000  | Yaeyama Islands                                        |                      |
| 1025                                                                     | 1976/9/15  | Fuki, Kuroshima, inner reef                            | T. Fukuda            |
| 1147                                                                     | 1974-2000  | Yaeyama Islands                                        |                      |
| <b><i>Galaxea horrescens</i> (Dana, 1846) エダアザミサンゴ</b>                   |            |                                                        |                      |
| 133                                                                      | 1973       | Oonami, Ishigakijima, inner reef, 1 m deep             | T. Fukuda            |
| 156                                                                      | 1975/7/6   | Kyan, Kuroshima, inner reef, 4 m deep                  | T. Fukuda            |
| 718                                                                      | 1974-2000  | Yaeyama Islands                                        |                      |
| <b>Pectiniidae ウミバラ科</b>                                                 |            |                                                        |                      |
| <b><i>Echinomorpha nishihirai</i> (Veron, 1990) オキナワキッカサンゴ</b>           |            |                                                        |                      |
| 54                                                                       | 1975/1/31  | Urabishi Reef, off northeast of Kuroshima, 3-10 m deep | T. Fukuda            |
| <b><i>Echinophyllia aspera</i> (Ellis and Solander, 1788) キッカサンゴ</b>     |            |                                                        |                      |
| 105                                                                      | 1975/4/12  | West of Kuroshima, 3 m deep                            | T. Fukuda            |
| 181                                                                      | 1975/8/26  | West of Kuroshima, patch reef, 4 m deep                | T. Fukuda            |
| 570                                                                      | 1974-1988  | Kuroshima                                              |                      |
| 668                                                                      | 2000/1/3   | Yaeyama Islands, 8 m deep                              | K. Nomura & T. Kondo |
| 841                                                                      | 1989/8/29  | Nakamoto, Kuroshima, inner reef                        | F. Iwase             |
| 844                                                                      | 1989/8/28  | Nakamoto, Kuroshima, inner reef                        | F. Iwase             |
| 938                                                                      | 1974-2000  | Yaeyama Islands                                        |                      |
| <b><i>Echinophyllia orpheensis</i> Veron and Pichon, 1980 アバレキッカサンゴ</b>  |            |                                                        |                      |
| 1039                                                                     | 1974-2000  | Yaeyama Islands                                        |                      |
| 1222                                                                     | 2000/8/3   | East of Kohamajima, 1-2 m deep                         |                      |
| <b><i>Echinophyllia</i> cf. <i>orpheensis</i> Veron and Pichon, 1980</b> |            |                                                        |                      |
| 477                                                                      | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep              |                      |
| 760                                                                      | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep              |                      |
| 805                                                                      | 1999/12/28 | Off Nishinohama, Kuroshima, 15 m deep                  | K. Nomura & T. Kondo |
| <b><i>Mycedium elephantotus</i> (Pallas, 1766) ウスカミサンゴ</b>               |            |                                                        |                      |
| 147                                                                      | 1975/5/23  | Fuki, Kuroshima, inner reef, 3 m deep                  | T. Fukuda            |
| 512                                                                      | 1974-1988  | Kuroshima                                              |                      |
| 522                                                                      | 1974-2000  | Yaeyama Islands                                        |                      |
| 786                                                                      | 1999/12/28 | Off Nishinohama, Kuroshima, 15 m deep                  | K. Nomura & T. Kondo |
| 790                                                                      | 1999/12/25 | Off Nishinohama, Kuroshima, 10 m deep                  | K. Nomura & T. Kondo |
| <b><i>Oxypora</i> cf. <i>glabra</i> Nemenzo, 1959</b>                    |            |                                                        |                      |
| 204                                                                      | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep                  | T. Fukuda            |
| 243                                                                      | 1975/9/21  | Fuki, Kuroshima, inner reef, 3 m deep                  | T. Fukuda            |
| <b><i>Oxypora lacera</i> (Verrill, 1864) アナキッカサンゴ</b>                    |            |                                                        |                      |
| 203                                                                      | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep                  | T. Fukuda            |
| 221                                                                      | 1975/9/10  | Anadomari, Kuroshima, inner reef, 4 m deep             | T. Fukuda            |
| 663                                                                      | 1978/4/18  | Kyan, Kuroshima                                        | M. Irie              |
| <b><i>Pectinia alcornis</i> (Saville-kent, 1871) エダウミバラ</b>              |            |                                                        |                      |
| 109                                                                      | 1975/4/12  | West of Kuroshima, 3 m deep                            | T. Fukuda            |
| 843                                                                      | 1989/8/10  | Nakamoto, Kuroshima, inner reef                        | F. Iwase             |

| KU-C No.                                                                    | Date       | Locality                                    | Collect              |
|-----------------------------------------------------------------------------|------------|---------------------------------------------|----------------------|
| <b><i>Pectinia lactuca</i> (Pallas, 1766) スジウミバラ</b>                        |            |                                             |                      |
| 76                                                                          | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep           | T. Fukuda            |
| 107                                                                         | 1975/4/12  | West of Kuroshima, 3 m deep                 | T. Fukuda            |
| 564                                                                         | 1974-1988  | Kuroshima                                   |                      |
| 791                                                                         | 1999/12/25 | Off Nishinohama, Kuroshima, 10 m deep       | K. Nomura & T. Kondo |
| 1047                                                                        | 1978/4/28  | Off Nishinohama, Kuroshima                  | M. Irie              |
| <b><i>Pectinia paeonia</i> (Dana, 1846) レースウミバラ</b>                         |            |                                             |                      |
| 785                                                                         | 1999/12/25 | Off Nishinohama, Kuroshima, 10 m deep       | K. Nomura & T. Kondo |
| 969                                                                         | 1974-2000  | Yaeyama Islands                             |                      |
| 1046                                                                        | 1978/4/28  | Off Nishinohama, Kuroshima                  | M. Irie              |
| <b>Mussidae オオトゲサンゴ科</b>                                                    |            |                                             |                      |
| <b><i>Acanthastrea</i> aff. <i>brevis</i> Milne Edwards and Haime, 1849</b> |            |                                             |                      |
| 682                                                                         | 1999/12/23 | Miyazato, Kuroshima, inner reef             |                      |
| <b><i>Acanthastrea hemprichii</i> (Ehrenberg, 1834) ヒラタオオトゲキクメイシ</b>        |            |                                             |                      |
| 836                                                                         | 1978/4/23  | Off Hori, Kuroshima                         | M. Irie              |
| 839                                                                         | 1989/8/14  | Nakamoto, Kuroshima, inner reef             | F. Iwase             |
| <b><i>Acanthastrea ishigakiensis</i> Veron, 1990 イシガキオオトゲキクメイシ</b>          |            |                                             |                      |
| 451                                                                         | 1976       | Kuroshima                                   | T. Fukuda            |
| 453                                                                         | 1974-1988  | Kuroshima                                   |                      |
| <b><i>Acanthastrea</i> spp.</b>                                             |            |                                             |                      |
| 498                                                                         | 2000/1/4   | South of Kuroshima, outer reef, 10 m deep   | K. Nomura & T. Kondo |
| 696                                                                         | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep   | K. Nomura & T. Kondo |
| <b><i>Australomussa rowleyensis</i> Veron, 1985 ヒラサンゴ</b>                   |            |                                             |                      |
| 443                                                                         | 1974-2000  | Yaeyama Islands                             |                      |
| <b><i>Blastomussa merleti</i> Wells, 1961 カビラタバサンゴ</b>                      |            |                                             |                      |
| 908                                                                         | 1974-2000  | Yaeyama Islands                             |                      |
| 968                                                                         | 1974-2000  | Yaeyama Islands                             |                      |
| 1090                                                                        | 1974-2000  | Yaeyama Islands                             |                      |
| 1091                                                                        | 1974-2000  | Yaeyama Islands                             |                      |
| <b><i>Lobophyllia corymbosa</i> (Forskål, 1775) マルハナガタサンゴ</b>               |            |                                             |                      |
| 10                                                                          | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep     | T. Fukuda            |
| 440                                                                         | 1974-2000  | Yaeyama Islands                             |                      |
| 441                                                                         | 1974-2000  | Yaeyama Islands                             |                      |
| 442                                                                         | 1974-2000  | Yaeyama Islands                             |                      |
| 444                                                                         | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep | M. Irie              |
| 445                                                                         | 1976/9/14  | Fuki, Kuroshima, inner reef                 | T. Fukuda            |
| 450                                                                         | 1976/9/15  | Fuki, Kuroshima, inner reef                 | T. Fukuda            |
| 812                                                                         | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep   | K. Nomura & T. Kondo |
| <b><i>Lobophyllia hemprichii</i> (Ehrenberg, 1834) オオハナガタサンゴ</b>            |            |                                             |                      |
| 81                                                                          | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep           | T. Fukuda            |
| 102                                                                         | 1975/4/12  | West of Kuroshima, 3 m deep                 | T. Fukuda            |
| 222                                                                         | 1975/9/10  | Anadomari, Kuroshima, inner reef, 4 m deep  | T. Fukuda            |
| 224                                                                         | 1975/9/10  | Anadomari, Kuroshima, inner reef            | T. Fukuda            |
| 438                                                                         | 1974-2000  | Yaeyama Islands                             |                      |
| 447                                                                         | 1978/4/23  | Off Hori, Kuroshima                         | M. Irie              |

| KU-C No.                                                                                                                   | Date       | Locality                                                      | Collect              |
|----------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------|----------------------|
| 448                                                                                                                        | 1974-1988  | Kuroshima Island                                              |                      |
| 493                                                                                                                        | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| 789                                                                                                                        | 1999/12/25 | Off Nishinohama, Kuroshima, 10 m deep                         | K. Nomura & T. Kondo |
| 838                                                                                                                        | 1989/8/14  | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 842                                                                                                                        | 1989/8/11  | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 928                                                                                                                        | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Lobophyllia aff. hemprichii</i> (Ehrenberg, 1834)</b>                                                                |            |                                                               |                      |
| 769                                                                                                                        | 2000/1/13  | Fuki, Kuroshima, inner reef, 3 m deep                         | K. Nomura & T. Kondo |
| <b><i>Lobophyllia pachysepta</i> Chevalier, 1975 イボハナガタサンゴ</b>                                                             |            |                                                               |                      |
| 143                                                                                                                        | 1975/5/14  | Kyan, Kuroshima, inner reef, 2-4 m deep                       | T. Fukuda            |
| 987                                                                                                                        | 1974-2000  | Yaeyama Islands                                               |                      |
| 1158                                                                                                                       | 2000/8/3   | East of Kohamajima, 1-2 m deep                                |                      |
| <b><i>Lobophyllia</i> sp.</b>                                                                                              |            |                                                               |                      |
| 85                                                                                                                         | 1975/3/29  | Umanoha Reef, off south of Taketomijima, inner reef, 5 m deep | T. Fukuda            |
| 86                                                                                                                         | 1975/3/29  | Umanoha Reef, off south of Taketomijima, inner reef, 5 m deep | T. Fukuda            |
| <b><i>Lobophyllia</i> spp.</b>                                                                                             |            |                                                               |                      |
| 452                                                                                                                        | 1974-2000  | Yaeyama Islands                                               |                      |
| 862                                                                                                                        | 1989/8/9   | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 914                                                                                                                        | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Parascolymia vitiensis</i> (Brüggemann, 1877) アザミハナガタサンゴ</b>                                                         |            |                                                               |                      |
| 684                                                                                                                        | 2000/1/4   | South of Kuroshima, outer reef, 10 m deep                     | K. Nomura & T. Kondo |
| 815                                                                                                                        | 1999/12/28 | Off Nishinohama, Kuroshima, 15 m deep                         | K. Nomura & T. Kondo |
| <b><i>Symphyllia agaricia</i> Milne Edwards and Haime, 1849</b>                                                            |            |                                                               |                      |
| 78                                                                                                                         | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep                             | T. Fukuda            |
| 208                                                                                                                        | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 1015                                                                                                                       | 1974-1988  | Kuroshima                                                     |                      |
| Remarks: KU-C 1015 is same as pictures of p. 62 identified as <i>Symphyllia valenciennesii</i> in Uchida & Fukuda (1989b). |            |                                                               |                      |
| <b><i>Symphyllia radians</i> Milne Edwards and Haime, 1849 ダイノウサンゴ</b>                                                     |            |                                                               |                      |
| 446                                                                                                                        | 1974-2000  | Yaeyama Islands                                               |                      |
| 840                                                                                                                        | 1989/8/11  | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 860                                                                                                                        | 1989/8/14  | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 1042                                                                                                                       | 1976/9/14  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| <b><i>Symphyllia recta</i> (Dana, 1846) ホソダイノウサンゴ</b>                                                                      |            |                                                               |                      |
| 9                                                                                                                          | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                       | T. Fukuda            |
| 11                                                                                                                         | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                       | T. Fukuda            |
| 12                                                                                                                         | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                       | T. Fukuda            |
| 207                                                                                                                        | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 572                                                                                                                        | 1978/4/28  | Off Nishinohama, Kuroshima                                    | M. Irie              |
| 680                                                                                                                        | 2000/1/3   | Yaeyama Islands, 8 m deep                                     | K. Nomura & T. Kondo |
| 686                                                                                                                        | 2000/1/3   | Yaeyama Islands                                               | K. Nomura & T. Kondo |
| <b><i>Symphyllia valenciennesii</i> Milne Edwards and Haime, 1849</b>                                                      |            |                                                               |                      |
| 80                                                                                                                         | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep                             | T. Fukuda            |
| 439                                                                                                                        | 1978/4/15  | Nakamoto, Kuroshima, inner reef, 3-5 m deep                   | M. Irie              |

| KU-C No.                                                                                                                | Date       | Locality                                       | Collect              |
|-------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------|----------------------|
| <b>Merulinidae サザナミサンゴ科</b>                                                                                             |            |                                                |                      |
| <b><i>Hydnophora exesa</i> (Pallas, 1766) トゲイボサンゴ</b>                                                                   |            |                                                |                      |
| 200                                                                                                                     | 1975/9/9   | Fuki, Kuroshima, inner reef, 3m deep           | T. Fukuda            |
| 511                                                                                                                     | 1976/9/15  | Fuki, Kuroshima, inner reef                    | T. Fukuda            |
| 846                                                                                                                     | 1989/8/11  | Nakamoto, Kuroshima, inner reef                | F. Iwase             |
| <b><i>Hydnophora microconos</i> (Lamarck, 1816) リュウキュウイボサンゴ</b>                                                         |            |                                                |                      |
| 18                                                                                                                      | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep        | T. Fukuda            |
| 32                                                                                                                      | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep        | T. Fukuda            |
| 824                                                                                                                     | 1999/12/26 | Off Nishinohama, Kuroshima, 10 m deep          | K. Nomura & T. Kondo |
| <b><i>Hydnophora</i> aff. <i>microconos</i> (Lamarck, 1816)</b>                                                         |            |                                                |                      |
| 543                                                                                                                     | 1976       | Kuroshima                                      | T. Fukuda            |
| 1102                                                                                                                    | 1974-2000  | Yaeyama Islands                                |                      |
| <b><i>Hydnophora rigida</i> (Dana, 1846) エダイボサンゴ</b>                                                                    |            |                                                |                      |
| 170                                                                                                                     | 1975/7/11  | North of Kuroshima, patch reef, 2 m deep       | T. Fukuda            |
| 185                                                                                                                     | 1975/8/26  | West of Kuroshima, patch reef, 3 m deep        | T. Fukuda            |
| 544                                                                                                                     | 1974-2000  | Yaeyama Islands                                |                      |
| 567                                                                                                                     | 1975/1/24  | Fuki, Kuroshima, inner reef                    | T. Fukuda            |
| 1080                                                                                                                    | 1978/5/5   | Urabishi Reef, off northeast of Kuroshima      | M. Irie              |
| 1130                                                                                                                    | 1974-2000  | Yaeyama Islands                                |                      |
| <b><i>Merulina ampliata</i> (Ellis and Solander, 1786) サザナミサンゴ</b>                                                      |            |                                                |                      |
| 99                                                                                                                      | 1975/4/12  | West of Kuroshima                              | T. Fukuda            |
| 100                                                                                                                     | 1975/4/12  | West of Kuroshima                              | T. Fukuda            |
| 542                                                                                                                     | 1978/4/20  | Off Hori, Kuroshima                            | M. Irie              |
| 601                                                                                                                     | 1974-2000  | Yaeyama Islands                                |                      |
| 788                                                                                                                     | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep      | K. Nomura & T. Kondo |
| 852                                                                                                                     | 1989/8/21  | Nakamoto, Kuroshima, inner reef                | F. Iwase             |
| 1077                                                                                                                    | 1978/4/18  | Kyan, Kuroshima, inner reef                    | M. Irie              |
| 1078                                                                                                                    | 1978/4/18  | Kyan, Kuroshima, inner reef                    | M. Irie              |
| Remarks: KU-C 542 is same as pictures of p. 56 identified as <i>Scapophyllia cylindrica</i> in Uchida & Fukuda (1989b). |            |                                                |                      |
| <b><i>Merulina scabricula</i> Dana, 1846 ウスサザナミサンゴ</b>                                                                  |            |                                                |                      |
| 101                                                                                                                     | 1975/4/12  | West of Kuroshima                              | T. Fukuda            |
| <b>Faviidae キクメイシ科</b>                                                                                                  |            |                                                |                      |
| <b><i>Barabattoia amicum</i> (Milne Edwards and Haime, 1850)</b>                                                        |            |                                                |                      |
| 683                                                                                                                     | 2000/1/1   | North of Kamichijima, Aragusukujima, 10 m deep | K. Nomura & T. Kondo |
| <b><i>Caulastrea furcata</i> Dana, 1846 ネジレタバネサンゴ</b>                                                                   |            |                                                |                      |
| 41                                                                                                                      | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep        | T. Fukuda            |
| 83                                                                                                                      | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep              | T. Fukuda            |
| 794                                                                                                                     | 1999/12/28 | Off Nishinohama, Kuroshima, 15 m deep          | K. Nomura & T. Kondo |
| 1030                                                                                                                    | 1976/9/15  | Fuki, Kuroshima, inner reef                    | T. Fukuda            |
| 1132                                                                                                                    | 1974-2000  | Yaeyama Islands                                |                      |
| <b><i>Cyphastrea agassizi</i> (Vaughan, 1907) アラトゲキクメイシ</b>                                                             |            |                                                |                      |
| 671                                                                                                                     | 2000/1/4   | South of Kuroshima, outer reef, 10 m deep      | K. Nomura & T. Kondo |
| 1134                                                                                                                    | 1974-2000  | Yaeyama Islands                                |                      |
| <b><i>Cyphastrea chalcidicum</i> (Forskål, 1775) コトゲキクメイシ</b>                                                           |            |                                                |                      |
| 723                                                                                                                     | 1974-2000  | Yaeyama Islands                                |                      |

| KU-C No.                                                             | Date       | Locality                                       | Collect              |
|----------------------------------------------------------------------|------------|------------------------------------------------|----------------------|
| <b><i>Cyphastrea decadia</i> Moll and Borel-Best, 1984 エダトゲキクメイシ</b> |            |                                                |                      |
| 139                                                                  | 1975/5/14  | Kyan, Kuroshima, inner reef, 2-3 m deep        | T. Fukuda            |
| 859                                                                  | 1989/6/6   | Nakamoto, Kuroshima, inner reef                | F. Iwase             |
| 960                                                                  | 1974-2000  | Yaeyama Islands                                |                      |
| 1012                                                                 | 1974-2000  | Yaeyama Islands                                |                      |
| <b><i>Cyphastrea microphthalma</i> (Lamarck, 1816) トゲキクメイシ</b>       |            |                                                |                      |
| 494                                                                  | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep      | K. Nomura & T. Kondo |
| 1035                                                                 | 1976/9/14  | Fuki, Kuroshima, inner reef                    | T. Fukuda            |
| 1145                                                                 | 1974-2000  | Yaeyama Islands                                |                      |
| <b><i>Cyphastrea ocellina</i> (Dana, 1864) ヒメトゲキクメイシ</b>             |            |                                                |                      |
| 484                                                                  | 1999/10/25 | Fuki, Kuroshima, inner reef, 3 m deep          |                      |
| 720                                                                  | 1974-2000  | Yaeyama Islands                                |                      |
| 808                                                                  | 1999/12/28 | Off Nishinohama, Kuroshima, 15 m deep          | K. Nomura & T. Kondo |
| <b><i>Cyphastrea serailia</i> (Forskål, 1775) フカトゲキクメイシ</b>          |            |                                                |                      |
| 597                                                                  | 1974-1988  | Kuroshima                                      |                      |
| 717                                                                  | 1974-2000  | Yaeyama Islands                                |                      |
| 827                                                                  | 1987/12/15 | Nakamoto, Kuroshima, inner reef                | F. Iwase             |
| 857                                                                  | 1989/6/20  | Nakamoto, Kuroshima, inner reef                | F. Iwase             |
| 929                                                                  | 1974-2000  | Yaeyama Islands                                |                      |
| 1079                                                                 | 1976/9/14  | Fuki, Kuroshima, inner reef                    | T. Fukuda            |
| <b><i>Diploastrea heliopora</i> (Lamarck, 1816) ダイオウサンゴ</b>          |            |                                                |                      |
| 275                                                                  | 1975/12/5  | Fuki, Kuroshima, outer reef, 5 m deep          | T. Fukuda            |
| 776                                                                  | 1999/12/25 | Off Nishinohama, Kuroshima, 10 m deep          | K. Nomura & T. Kondo |
| 994                                                                  | 1976/9/16  | Fuki, Kuroshima, inner reef                    | T. Fukuda            |
| <b><i>Echinopora gemmacea</i> Lamarck, 1816 オオリュウキュウキッカサンゴ</b>       |            |                                                |                      |
| 744                                                                  | 1999/12/13 | East of Taketomijima, 12 m deep                | K. Nomura & T. Kondo |
| <b><i>Echinopora lamellosa</i> (Esper, 1795) リュウキュウキッカサンゴ</b>        |            |                                                |                      |
| 481                                                                  | 1999/12/13 | Northwest of Taketomijima, 12 m deep           | K. Nomura & T. Kondo |
| <b><i>Echinopora mammiformis</i> (Nemanzo, 1959) ヒラリュウキュウキッカサンゴ</b>  |            |                                                |                      |
| 294                                                                  | 1976/6/24  | Fuki, Kuroshima, outer reef, 10 m deep         | T. Fukuda            |
| 475                                                                  | 2000/1/1   | North of Kamichijima, Aragusukujima, 10 m deep | K. Nomura & T. Kondo |
| 594                                                                  | 1974-1988  | Kuroshima                                      |                      |
| 714                                                                  | 1999/12/13 | Northwest of Taketomijima, 12 m deep           | K. Nomura & T. Kondo |
| 837                                                                  | 1990/6/1   | Kyan, Kuroshima                                |                      |
| 1038                                                                 | 1990/6/1   | Kyan, Kuroshima                                |                      |
| <b><i>Echinopora pacificus</i> Veron, 1990 タイヨウリュウキュウキッカサンゴ</b>      |            |                                                |                      |
| 576                                                                  | 1978/4/28  | Off Hori, Kuroshima                            | M. Irie              |
| 777                                                                  | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep      | K. Nomura & T. Kondo |
| <b><i>Favia danae</i> Verrill, 1872 アザミキクメイシ</b>                     |            |                                                |                      |
| 72                                                                   | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep              | T. Fukuda            |
| 73                                                                   | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep              | T. Fukuda            |
| 729                                                                  | 1974-2000  | Yaeyama Islands                                |                      |
| <b><i>Favia fava</i> (Forskål, 1775) スボミキクメイシ</b>                    |            |                                                |                      |
| 218                                                                  | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep          | T. Fukuda            |
| 242                                                                  | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep          | T. Fukuda            |

| KU-C No.                                                                                                     | Date       | Locality                                            | Collect              |
|--------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------|----------------------|
| 742                                                                                                          | 1976/9/14  | Fuki, Kuroshima, inner reef                         | T. Fukuda            |
| <b><i>Favia laxa</i> (Klunzinger, 1879) ヤスリキクメイシ</b>                                                         |            |                                                     |                      |
| 1092                                                                                                         | 1974-2000  | Yaeyama Islands                                     |                      |
| <b><i>Favia matthaii</i> Vaughan, 1918 アラキクメイシ</b>                                                           |            |                                                     |                      |
| 69                                                                                                           | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep                   | T. Fukuda            |
| 70                                                                                                           | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep                   | T. Fukuda            |
| 71                                                                                                           | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep                   | T. Fukuda            |
| 507                                                                                                          | 1974-2000  | Yaeyama Islands                                     |                      |
| <b><i>Favia pallida</i> (Dana, 1846) ウスチャキクメイシ</b>                                                           |            |                                                     |                      |
| 20                                                                                                           | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep             | T. Fukuda            |
| 408                                                                                                          | 1978/4/28  | Off Nishinohama, Kuroshima                          | M. Irie              |
| 471                                                                                                          | 1974-2000  | Yaeyama Islands                                     |                      |
| 449                                                                                                          | 1991/11/18 | Off Nishinohama, Kuroshima                          | M. Kashiwara         |
| 707                                                                                                          | 1974-2000  | Yaeyama Islands                                     |                      |
| 728                                                                                                          | 1974-2000  | Yaeyama Islands                                     |                      |
| 732                                                                                                          | 1991       | Off Nishinohama, Kuroshima                          |                      |
| 731                                                                                                          | 1974-1988  | Kuroshima                                           |                      |
| 746                                                                                                          | 1999/10/25 | Fuki, Kuroshima, inner reef, 3 m deep               | K. Nomura & T. Kondo |
| 755                                                                                                          | 2004/6/14  | North of Kuroshima Island                           |                      |
| 814                                                                                                          | 1999/10/25 | Fuki, Kuroshima, inner reef, 3 m deep               |                      |
| <b><i>Favia rotumana</i> (Gardiner, 1899) ロツマキクメイシ</b>                                                       |            |                                                     |                      |
| 67                                                                                                           | 1975/1/1   | Kuroshima Island, reef inside, at the depth of 2-6m | T. Fukuda            |
| 907                                                                                                          | 1974-2000  | Yaeyama Islands                                     |                      |
| 1099                                                                                                         | 1974-2000  | Yaeyama Islands                                     |                      |
| 1131                                                                                                         | 1991       | North of Kuroshima                                  |                      |
| <b><i>Favia rotundata</i> (Veron and Pichon, 1977) アツキクメイシ</b>                                               |            |                                                     |                      |
| 677                                                                                                          | 2000/1/1   | North of Kamichijima, Aragusukujima, 10 m deep      | K. Nomura & T. Kondo |
| 806                                                                                                          | 2000/1/4   | South of Kuroshima, outer reef, 10 m deep           | K. Nomura & T. Kondo |
| <b><i>Favia speciosa</i> Dana, 1846 キクメイシ</b>                                                                |            |                                                     |                      |
| 68                                                                                                           | 1975/1/1   | Kuroshima Island, reef inside, at the depth of 2-6m | T. Fukuda            |
| 209                                                                                                          | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep               | T. Fukuda            |
| 733                                                                                                          | 1974-1988  | Kuroshima                                           |                      |
| 920                                                                                                          | 1974-2000  | Yaeyama Islands                                     |                      |
| 950                                                                                                          | 1974-2000  | Yaeyama Islands                                     |                      |
| Remarks: KU-C 733 is same as pictures of p. 190 identified as <i>Favia fавus</i> in Uchida & Fukuda (1989b). |            |                                                     |                      |
| <b><i>Favia stelligera</i> (Dana, 1846) ホシキクメイシ</b>                                                          |            |                                                     |                      |
| 472                                                                                                          | 1974-1988  | Kuroshima                                           |                      |
| 527                                                                                                          | 1974-1988  | Kuroshima                                           |                      |
| 1007                                                                                                         | 1974-1988  | Kuroshima                                           |                      |
| 1116                                                                                                         | 1974-2000  | Yaeyama Islands                                     |                      |
| Remarks: KU-C 472 is same as pictures of 187 in Uchida & Fukuda (1989b).                                     |            |                                                     |                      |
| <b><i>Favia truncatus</i> Veron, 2000</b>                                                                    |            |                                                     |                      |
| 706                                                                                                          | 1974-2000  | Yaeyama Islands                                     |                      |
| <b><i>Favia</i> aff. <i>truncatus</i> Veron, 2000</b>                                                        |            |                                                     |                      |
| 679                                                                                                          | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep           | K. Nomura & T. Kondo |
| 715                                                                                                          | 1974-2000  | Yaeyama Islands                                     |                      |

| KU-C No.                                                                                                         | Date       | Locality                                                      | Collect              |
|------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------|----------------------|
| <b><i>Favites abdita</i> (Ellis and Solander, 1786) カメノコキクメイシ</b>                                                |            |                                                               |                      |
| 65                                                                                                               | 1975/1/1   | Kuroshima Island, reef inside, at the depth of 2-6m           | T. Fukuda            |
| 240                                                                                                              | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 669                                                                                                              | 2000/1/3   | Yaeyama Islands, 8 m deep                                     | K. Nomura & T. Kondo |
| 721                                                                                                              | 1974-2000  | Yaeyama Islands                                               |                      |
| 835                                                                                                              | 1976/9/14  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| 934                                                                                                              | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Favites chinensis</i> (Verrill, 1866) シナキクメイシ</b>                                                          |            |                                                               |                      |
| 4                                                                                                                | 1974/12/21 | Fuki, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 1191                                                                                                             | 2000/7/28  | North of Todoroki River, Ishigakijima, inner reef, intertidal |                      |
| <b><i>Favites</i> aff. <i>chinensis</i> (Verrill, 1866) シナキクメイシ</b>                                              |            |                                                               |                      |
| 66                                                                                                               | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep                             | T. Fukuda            |
| 710                                                                                                              | 1976/9/15  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| 772                                                                                                              | 1976/9/14  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| 1033                                                                                                             | 1974-1988  | Kuroshima                                                     |                      |
| <b><i>Favites</i> aff. <i>flexuosa</i> (Dana, 1846)</b>                                                          |            |                                                               |                      |
| 106                                                                                                              | 1975/4/12  | West of Kuroshima, 3 m deep                                   | T. Fukuda            |
| 538                                                                                                              | 1976/9/15  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| <b><i>Favites halicora</i> (Ehrenberg, 1834) マルカメノコキクメイシ</b>                                                     |            |                                                               |                      |
| 531                                                                                                              | 1976/9/15  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| 816                                                                                                              | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| 1034                                                                                                             | 1978/4/20  | Off Hori, Kuroshima                                           | M. Irie              |
| <b><i>Favites styliifera</i> Yabe and Sugiyama, 1937</b>                                                         |            |                                                               |                      |
| 8                                                                                                                | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                       | T. Fukuda            |
| 231                                                                                                              | 1975/9/10  | Anadomari, Kuroshima, inner reef, 1 m deep                    | T. Fukuda            |
| 236                                                                                                              | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 241                                                                                                              | 1975/9/9   | Fuki, Kuroshima, inner reef, 4 m deep                         | T. Fukuda            |
| 692                                                                                                              | 2000/1/1   | North of Kamichijima, Aragusukujima, 10 m deep                | K. Nomura & T. Kondo |
| 1031                                                                                                             | 1974-1988  | Kuroshima                                                     |                      |
| 1148                                                                                                             | 1974-2000  | Yaeyama Islands                                               |                      |
| Remarks: KU-C 1031 is same as pictures of p. 207 identified as <i>Platygyra pini</i> in Uchida & Fukuda (1989b). |            |                                                               |                      |
| <b><i>Goniastrea aspera</i> Verrill, 1905 パリカメノコキクメイシ</b>                                                        |            |                                                               |                      |
| 229                                                                                                              | 1975/9/10  | Anadomari, Kuroshima, inner reef, 1 m deep                    | T. Fukuda            |
| 1071                                                                                                             | 1978/4/28  | Off Nishinohama, Kuroshima                                    | M. Irie              |
| <b><i>Goniastrea australensis</i> (Milne Edwards and Haime, 1857) ウネカメノコキクメイシ</b>                                |            |                                                               |                      |
| 627                                                                                                              | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Goniastrea edwardsi</i> Chevalier, 1971 ヒラカメノコキクメイシ</b>                                                    |            |                                                               |                      |
| 64                                                                                                               | 1975/1/1   | Kuroshima Island, reef inside, at the depth of 2-6m           | T. Fukuda            |
| 416                                                                                                              | 1974-1988  | Kuroshima                                                     |                      |
| 705                                                                                                              | 1974-2000  | Yaeyama Islands                                               |                      |
| 724                                                                                                              | 1974-2000  | Yaeyama Islands                                               |                      |
| 780                                                                                                              | 2000/1/1   | North of Kamichijima, Aragusukujima, 10 m deep                | K. Nomura & T. Kondo |
| 795                                                                                                              | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| 971                                                                                                              | 1974-2000  | Yaeyama Islands                                               |                      |
| 1072                                                                                                             | 1978/4/22  | Off Hori, Kuroshima                                           | M. Irie              |
| 1108                                                                                                             | 1974-2000  | Yaeyama Islands                                               |                      |
| Remarks: KU-C 1072 is same as pictures of p. 165 in Uchida & Fukuda (1989b).                                     |            |                                                               |                      |

| KU-C No.                                                                                                                | Date       | Locality                                  | Collect              |
|-------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------|----------------------|
| <b><i>Goniastrea favulus</i> (Dana, 1846) ヒメウネカメノコキクメイシ</b>                                                             |            |                                           |                      |
| 1074                                                                                                                    | 1978/4/22  | Off Hori, Kuroshima                       | M. Irie              |
| Remarks: KU-C 1074 is same as pictures of p. 223 identified as <i>Goniastrea pectinata</i> in Uchida & Fukuda (1989b).  |            |                                           |                      |
| <b><i>Goniastrea pectinata</i> (Ehrenberg, 1834) コカメノコキクメイシ</b>                                                         |            |                                           |                      |
| 3                                                                                                                       | 1974/12/21 | Fuki, Kuroshima, inner reef, 3 m deep     | T. Fukuda            |
| 409                                                                                                                     | 1976/10/1  | Kuroshima                                 | T. Fukuda            |
| 411                                                                                                                     | 1976/9/14  | Fuki, Kuroshima, inner reef               | T. Fukuda            |
| 548                                                                                                                     | 1974-1988  | Kuroshima                                 |                      |
| 694                                                                                                                     | 1974-2000  | Yaeyama Islands                           |                      |
| 708                                                                                                                     | 1974-2000  | Yaeyama Islands                           |                      |
| 737                                                                                                                     | 1974-2000  | Yaeyama Islands                           |                      |
| 770                                                                                                                     | 1976/9/14  | Fuki, Kuroshima, inner reef               | T. Fukuda            |
| 1073                                                                                                                    | 1978/4/22  | Off Hori, Kuroshima                       | M. Irie              |
| 1150                                                                                                                    | 1974-2000  | Yaeyama Islands                           |                      |
| Remarks: KU-C 548 is same as pictures of p. 221 in Uchida & Fukuda (1989b).                                             |            |                                           |                      |
| <b><i>Goniastrea retiformis</i> (Lamarck, 1816) コモンキクメイシ</b>                                                            |            |                                           |                      |
| 216                                                                                                                     | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep     | T. Fukuda            |
| 893                                                                                                                     | 1991       | Yaeyama Islands                           |                      |
| <b><i>Leptastrea pruinosa</i> Crossland, 1952 トゲルリサンゴ</b>                                                               |            |                                           |                      |
| 1032                                                                                                                    | 1974-1978  | Kuroshima                                 |                      |
| Remarks: KU-C 1032 is same as pictures of p. 218 identified as <i>Leptastrea transversa</i> in Uchida & Fukuda (1989b). |            |                                           |                      |
| <b><i>Leptastrea purpurea</i> (Dana, 1846) ルリサンゴ</b>                                                                    |            |                                           |                      |
| 1113                                                                                                                    | 1974-2000  | Yaeyama Islands                           |                      |
| <b><i>Leptastrea transversa</i> (Klunzinger, 1877) アラルリサンゴ</b>                                                          |            |                                           |                      |
| 693                                                                                                                     | 2000/1/3   | Yaeyama Islands, 8 m deep                 | K. Nomura & T. Kondo |
| 730                                                                                                                     | 1974-2000  | Yaeyama Islands                           |                      |
| 783                                                                                                                     | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep | K. Nomura & T. Kondo |
| <b><i>Leptoria phrygia</i> (Ellis and Solander, 1786) ナガレサンゴ</b>                                                        |            |                                           |                      |
| 15                                                                                                                      | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep   | T. Fukuda            |
| 709                                                                                                                     | 1974-2000  | Yaeyama Islands                           |                      |
| <b><i>Leptoria irregularis</i> (Veron, 1990) ミダレナガレサンゴ</b>                                                              |            |                                           |                      |
| 492                                                                                                                     | 2000/1/3   | Yaeyama Islands, 8 m deep                 | K. Nomura & T. Kondo |
| <b><i>Montastrea annuligera</i> (Milne Edwards and Haime, 1849) ルリマルキクメイシ</b>                                           |            |                                           |                      |
| 695                                                                                                                     | 2000/1/1   | Yaeyama Islands                           |                      |
| <b><i>Montastrea curta</i> (Dana, 1846) マルキクメイシ</b>                                                                     |            |                                           |                      |
| 219                                                                                                                     | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep     | T. Fukuda            |
| 685                                                                                                                     | 2000/1/3   | Yaeyama Islands, 8 m deep                 | K. Nomura & T. Kondo |
| 703                                                                                                                     | 1976/9/14  | Fuki, Kuroshima, inner reef               | T. Fukuda            |
| 704                                                                                                                     | 1991/11/18 | Off Nishinohama, Kuroshima                | M. Kashiwara         |
| 736                                                                                                                     | 1976/9/14  | Fuki, Kuroshima, inner reef               | T. Fukuda            |
| 740                                                                                                                     | 1974-2000  | Yaeyama Islands                           |                      |
| 847                                                                                                                     | 1989/6/7   | Nakamoto, Kuroshima, inner reef           | F. Iwase             |
| 926                                                                                                                     | 1974-2000  | Yaeyama Islands                           |                      |
| <b><i>Montastrea magnistellata</i> Chevalier, 1971 オオマルキクメイシ</b>                                                        |            |                                           |                      |
| 407                                                                                                                     | 1974-1988  | Kuroshima                                 |                      |

| KU-C No.                                                                                                              | Date       | Locality                                                    | Collect              |
|-----------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------|----------------------|
| 800                                                                                                                   | 1999/12/25 | Off Nishinohama, Kuroshima, 15 m deep                       | K. Nomura & T. Kondo |
| 1199                                                                                                                  | 2001/9/4   | East of Kohamajima                                          |                      |
| <b><i>Montastraea valenciennesi</i> (Milne Edwards and Haime, 1848) タカクキクメイシ</b>                                      |            |                                                             |                      |
| 738                                                                                                                   | 1976/9/14  | Fuki, Kuroshima, inner reef                                 | T. Fukuda            |
| 741                                                                                                                   | 1991       | Yaeyama Islands                                             |                      |
| 1124                                                                                                                  | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Montastraea</i> aff. <i>valenciennesi</i> (Milne Edwards and Haime, 1848) タカクキクメイシ</b>                          |            |                                                             |                      |
| 500                                                                                                                   | 1974-1988  | Yaeyama Islands                                             |                      |
| <b><i>Montastraea salebroso</i> (Nemenzo, 1959)</b>                                                                   |            |                                                             |                      |
| 1036                                                                                                                  | 1978/4/18  | Kyan, Kuroshima                                             | M. Irie              |
| Remarks: KU-C 1036 is same as pictures of p. 185 identified as <i>Favia helianthoides</i> in Uchida & Fukuda (1989b). |            |                                                             |                      |
| <b><i>Oulophyllia bennettiae</i> (Veron and Pichon, 1977)</b>                                                         |            |                                                             |                      |
| 77                                                                                                                    | 1975/1/1   | Kuroshima, inner reef, 2-6 m deep                           | T. Fukuda            |
| 799                                                                                                                   | 2000/1/4   | South of Kuroshima Island, reef outside at the depth of 10m | K. Nomura & T. Kondo |
| 1043                                                                                                                  | 1976/9/16  | Fuki, Kuroshima, outer reef                                 | T. Fukuda            |
| <b><i>Oulophyllia</i> aff. <i>bennettiae</i> (Veron and Pichon, 1977)</b>                                             |            |                                                             |                      |
| 690                                                                                                                   | 1999/12/30 | Nakamoto, Kuroshima, outer reef                             | K. Nomura & T. Kondo |
| 1044                                                                                                                  | 1978/5/5   | Urabishi Reef, off northeast of Kuroshima                   | M. Irie              |
| <b><i>Oulophyllia crispa</i> (Lamarck, 1816) オオナガレサンゴ</b>                                                             |            |                                                             |                      |
| 734                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 1082                                                                                                                  | 1974-1988  | Kuroshima                                                   |                      |
| 1121                                                                                                                  | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Oulastrea crispata</i> (Lamarck, 1816) キクメイシモドキ</b>                                                             |            |                                                             |                      |
| 1037                                                                                                                  | 1987/10/1  | Kabira Bay, Ishigakijima                                    | H. Misaki            |
| <b><i>Platygyra contorta</i> Veron, 1990 ミダレノウサンゴ</b>                                                                 |            |                                                             |                      |
| 966                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Platygyra daedalea</i> (Ellis and solander, 1786) ヒラノウサンゴ</b>                                                   |            |                                                             |                      |
| 17                                                                                                                    | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                     | T. Fukuda            |
| <b><i>Platygyra lamellina</i> (Ehrenberg, 1834) ノウサンゴ</b>                                                             |            |                                                             |                      |
| 13                                                                                                                    | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                     | T. Fukuda            |
| <b><i>Platygyra pini</i> Chevalier, 1975 ヒメノウサンゴ</b>                                                                  |            |                                                             |                      |
| 727                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 735                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |
| 774                                                                                                                   | 1999/10/25 | Fuki, Kuroshima, inner reef, 3 m deep                       |                      |
| 828                                                                                                                   | 2004/6/14  | North of Kuroshima                                          |                      |
| 1237                                                                                                                  | 1974-2000  | Yaeyama Islands                                             |                      |
| <b><i>Platygyra ryukyuensis</i> Yabe and Sugiyama, 1936 リュウキュウノウサンゴ</b>                                               |            |                                                             |                      |
| 7                                                                                                                     | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                     | T. Fukuda            |
| 14                                                                                                                    | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                     | T. Fukuda            |
| 217                                                                                                                   | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep                       | T. Fukuda            |
| <b><i>Platygyra sinensis</i> (Milne Edwards and Haime, 1849) シナノウサンゴ</b>                                              |            |                                                             |                      |
| 16                                                                                                                    | 1975/1/24  | Fuki, Kuroshima, inner reef, 2-4 m deep                     | T. Fukuda            |
| 779                                                                                                                   | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                   | K. Nomura & T. Kondo |
| 988                                                                                                                   | 1974-2000  | Yaeyama Islands                                             |                      |

| KU-C No.                                                                      | Date       | Locality                                                      | Collect              |
|-------------------------------------------------------------------------------|------------|---------------------------------------------------------------|----------------------|
| <b><i>Plesiastrea versipora</i> (Lamarck, 1816) コマルキクメイシ</b>                  |            |                                                               |                      |
| 675                                                                           | 2000/1/4   | South of Kuroshima, outer reef, 10 m deep                     | K. Nomura & T. Kondo |
| <b>Euphyllidae ハナサンゴ科</b>                                                     |            |                                                               |                      |
| <b><i>Euphyllia ancora</i> Veron and Pichon, 1980 ナガレハナサンゴ</b>                |            |                                                               |                      |
| 112                                                                           | 1975/5/5   | West of Kayamajima, 3 m deep                                  | T. Fukuda            |
| 113                                                                           | 1975/5/5   | West of Kayamajima, 4 m deep                                  | T. Fukuda            |
| <b><i>Euphyllia divisa</i> Veron and Pichon, 1980 コエダナガレハナサンゴ</b>             |            |                                                               |                      |
| 135                                                                           | 1975/5/14  | Kyan, Kuroshima, inner reef, 2 m deep                         | T. Fukuda            |
| 136                                                                           | 1975/5/14  | Kyan, Kuroshima, inner reef, 2 m deep                         | T. Fukuda            |
| 778                                                                           | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| <b><i>Euphyllia glabrescens</i> (Chamisso and Eysenhardt, 1821) ハナサンゴ</b>     |            |                                                               |                      |
| 184                                                                           | 1975/8/26  | West of Kuroshima, patch reef, 4 m deep                       | T. Fukuda            |
| 462                                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| 854                                                                           | 1989/8/9   | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| <b><i>Euphyllia yaeyamaensis</i> (Shirai, 1980) ハナブサツツマルハナサンゴ</b>             |            |                                                               |                      |
| 148                                                                           | 1975/5/23  | Fuki, Kuroshima, outer reef, 10 m deep                        | T. Fukuda            |
| <b><i>Euphyllia</i> spp.</b>                                                  |            |                                                               |                      |
| 103                                                                           | 1975/4/12  | West of Kuroshima, 3 m deep                                   | T. Fukuda            |
| 116                                                                           | 1975       | Kayamajima                                                    | T. Fukuda            |
| 150                                                                           | 1975/5/21  | Nakamoto, Kuroshima, intertidal                               | T. Fukuda            |
| 273                                                                           | 1975/10/2  | Kyan, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 290                                                                           | 1976/1/14  | Fuki, Kuroshima, outer reef, 10 m deep                        | T. Fukuda            |
| 291                                                                           | 1976/1/19  | Fuki, Kuroshima, inner reef, 5 m deep                         | T. Fukuda            |
| 502                                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| 540                                                                           | 1974-1988  | Kuroshima                                                     |                      |
| 555                                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| 743                                                                           | 1974-1988  | Kuroshima                                                     |                      |
| 958                                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| 1081                                                                          | 1978/4/20  | Off Hori, Kuroshima                                           | M. Irie              |
| <b><i>Physogyra lichtensteini</i> (Milne Edwards and Haime, 1851) オオハナサンゴ</b> |            |                                                               |                      |
| 134                                                                           | 1975/3/29  | Umanoha Reef, off south of Taketomijima, inner reef, 5 m deep | T. Fukuda            |
| 173                                                                           | 1975/5/25  | Fuki, Kuroshima, outer reef, 7 m deep                         | T. Fukuda            |
| 823                                                                           | 1999/12/25 | Nishinohama, Kuroshima, 10 m deep                             | K. Nomura & T. Kondo |
| <b><i>Plerogyra sinuosa</i> (Dana, 1846) ミズタマサンゴ</b>                          |            |                                                               |                      |
| 42                                                                            | 1975/1/27  | Kamichijima, Aragusukujima, 2 m deep                          | T. Fukuda            |
| 104                                                                           | 1975/4/12  | West of Kuroshima, 2-6 m deep                                 | T. Fukuda            |
| 536                                                                           | 1976       | Kuroshima                                                     | T. Fukuda            |
| 554                                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| 813                                                                           | 1999/12/26 | Off Nishinohama, Kuroshima, 10 m deep                         | K. Nomura & T. Kondo |
| 957                                                                           | 1974-2000  | Yaeyama Islands                                               |                      |
| <b>Dendrophylliidae キサンゴ科</b>                                                 |            |                                                               |                      |
| <b><i>Turbinaria frondens</i> (Dana, 1846) ウネリスリバチサンゴ</b>                     |            |                                                               |                      |
| 1076                                                                          | 1978/4/23  | Off Hori, Kuroshima                                           | M. Irie              |
| <b><i>Turbinaria irregularis</i> Bernard, 1896 ツツスリバチサンゴ</b>                  |            |                                                               |                      |
| 566                                                                           | 1976/9/15  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |

| KU-C No.                                                        | Date       | Locality                                                      | Collect              |
|-----------------------------------------------------------------|------------|---------------------------------------------------------------|----------------------|
| <b><i>Turbinaria mesenterina</i> (Lamarck, 1816) スリバチサンゴ</b>    |            |                                                               |                      |
| 53                                                              | 1975/1/31  | Urabishi Reef, off northeast of Kuroshima, 3-10 m deep        | T. Fukuda            |
| 488                                                             | 1999/10/19 | Nakamoto, Kuroshima, inner reef, 3 m deep                     |                      |
| 674                                                             | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| 793                                                             | 1999/12/23 | Miyazato, Kuroshima, inner reef, 3 m deep                     | K. Nomura & T. Kondo |
| 895                                                             | 1989/8/14  | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 916                                                             | 1989/6/7   | Nakamoto, Kuroshima, inner reef                               | F. Iwase             |
| 921                                                             | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Turbinaria peltata</i> (Esper, 1794) オオスリバチサンゴ</b>        |            |                                                               |                      |
| 568                                                             | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Turbinaria reniformis</i> Bernard, 1896 ヨコミゾスリバチサンゴ</b>   |            |                                                               |                      |
| 414                                                             | 1976       | Kuroshima                                                     | T. Fukuda            |
| 524                                                             | 1974-2000  | Yaeyama Islands                                               |                      |
| 526                                                             | 1974-2000  | Yaeyama Islands                                               |                      |
| 983                                                             | 1974-2000  | Yaeyama Islands                                               |                      |
| <b><i>Turbinaria stellulata</i> (Lamarck, 1816) ヒメスリバチサンゴ</b>   |            |                                                               |                      |
| 201                                                             | 1975/9/9   | Fuki, Kuroshima, inner reef, 3 m deep                         | T. Fukuda            |
| 457                                                             | 1974-2000  | Yaeyama Islands                                               |                      |
| 979                                                             | 1976/9/29  | Fuki, Kuroshima, outer reef                                   | T. Fukuda            |
| <b><i>Turbinaria</i> aff. <i>stellulata</i> (Lamarck, 1816)</b> |            |                                                               |                      |
| 1075                                                            | 1976/9/14  | Fuki, Kuroshima, inner reef                                   | T. Fukuda            |
| <b><i>Turbinaria</i> sp.</b>                                    |            |                                                               |                      |
| 911                                                             | 1974-2000  | Yaeyama Islands                                               |                      |
| <b>Stolonifera 根生目</b>                                          |            |                                                               |                      |
| <b>Tubiporidae クダサンゴ科</b>                                       |            |                                                               |                      |
| <b><i>Tubipora musica</i> Linnaeus, 1758 クダサンゴ</b>              |            |                                                               |                      |
| 88                                                              | 1975/3/29  | Umanoha Reef, off south of Taketomijima, inner reef, 6 m deep | T. Fukuda            |
| 320                                                             | 1977/8/20  | Fuki, Kuroshima, inner reef, 2 m deep                         |                      |
| 1048                                                            | 1978/5/5   | Urabishi Reef, off northeast of Kuroshima                     | M. Irie              |
| 1049                                                            | 1974-1988  | South of Kuroshima                                            |                      |
| <b>Helioporacea 共莢目</b>                                         |            |                                                               |                      |
| <b>Helioporidae アオサンゴ科</b>                                      |            |                                                               |                      |
| <b><i>Heliopora coerulea</i> (Pallas, 1766) アオサンゴ</b>           |            |                                                               |                      |
| 140                                                             | 1975/5/14  | Kyan, Kuroshima, inner reef, intertidal                       | T. Fukuda            |
| 165                                                             | 1975/7/6   | Kyan, Kuroshima, inner reef                                   | T. Fukuda            |
| 499                                                             | 2000/1/4   | South of Kuroshima, outer reef, 10 m deep                     | K. Nomura & T. Kondo |
| 549                                                             | 1976/9/16  | Fuki, Kuroshima, outer reef                                   | T. Fukuda            |
| 596                                                             | 1974-1988  | Kuroshima                                                     |                      |
| 1008                                                            | 1978/4/18  | Kyan, Kuroshima, inner reef                                   | M. Irie              |
| 1053                                                            | 1975/5/14  | Kyan, Kuroshima, inner reef                                   | T. Fukuda            |

| KU-C No.                                                                    | Date       | Locality                        | Collect  |
|-----------------------------------------------------------------------------|------------|---------------------------------|----------|
| <b>Hydrozoa ヒドロ虫綱</b>                                                       |            |                                 |          |
| <b>Milleporina アナサンゴモドキ目</b>                                                |            |                                 |          |
| <b>Milleporidae アナサンゴモドキ科</b>                                               |            |                                 |          |
| <b><i>Millepora exaesa</i> Forskål, 1775 カンボクアナサンゴモドキ</b>                   |            |                                 |          |
| 850                                                                         | 1989/8/21  | Nakamoto, Kuroshima, inner reef |          |
| 858                                                                         | 1974-2000  | Yaeyama Islands                 |          |
| 1009                                                                        | 1987/12/14 | West of Kayamajima, 2 m deep    | F. Iwase |
| 1010                                                                        | 1974-2000  | Yaeyama Islands                 |          |
| 1217                                                                        | 1974-2000  | Yaeyama Islands                 |          |
| <b><i>Millepora intricata</i> Milne Edwards, 1857 ホソエダアナサンゴモドキ</b>          |            |                                 |          |
| 1051                                                                        | 1987/12/14 | West of Kayamajima, 2 m deep    | F. Iwase |
| <b><i>Millepora platyphylla</i> Hemprich and Ehrenberg, 1834 イタアナサンゴモドキ</b> |            |                                 |          |
| 495                                                                         | 2004/6/14  | North of Kuroshima Island       |          |
| 503                                                                         | 1974-1988  | Kuroshima                       |          |
| 1050                                                                        | 1978/4/20  | Off Hori, Kuroshima             | M. Irie  |
| <b><i>Millepora tenella</i> Ortmann, 1892 ヤツデアナサンゴモドキ</b>                   |            |                                 |          |
| 553                                                                         | 1974-2000  | Yaeyama Islands                 |          |
| 754                                                                         | 1987/12/14 | West of Kayamajima, 2 m deep    | F. Iwase |
| 1052                                                                        | 1978/4/20  | Off Hori, Kuroshima             | M. Irie  |
| 1089                                                                        | 1974-2000  | Yaeyama Islands                 |          |
| <b><i>Millepora</i> spp.</b>                                                |            |                                 |          |
| 479                                                                         | 2004/6/14  | North of Kuroshima              |          |
| 792                                                                         | 2004/6/14  | North of Kuroshima              |          |

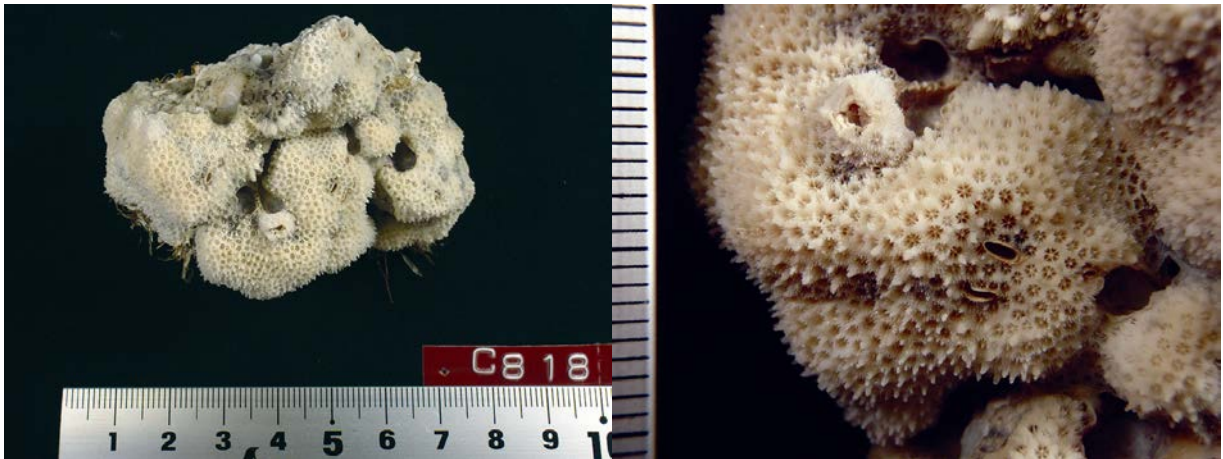
图 版

**Plates**

**Astrocoeniidae**



*Palauastrea ramose*, KU-C 300

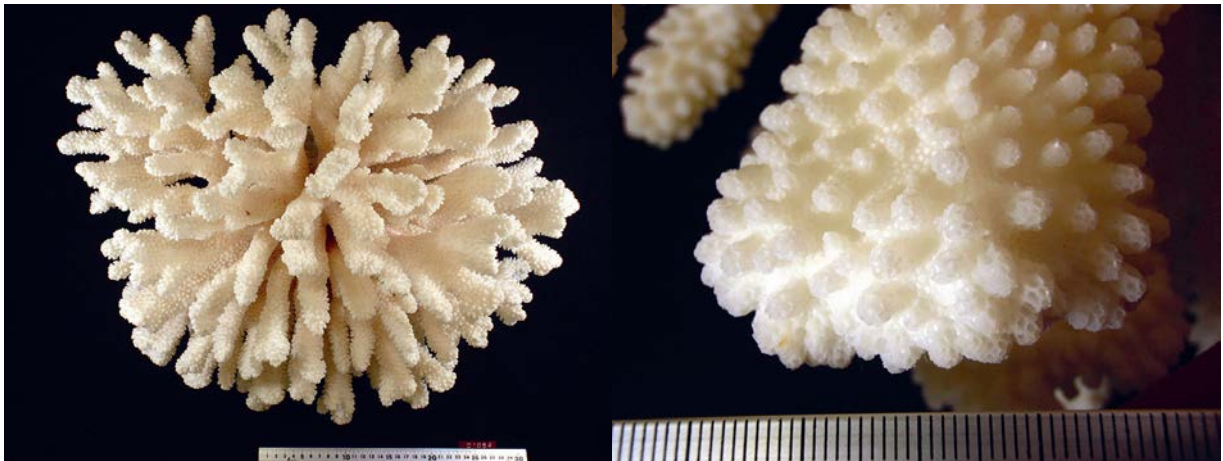


*Stylocoeniella guentheri*, KU-C 818

**Pocilloporidae**



*Pocillopora damicornis*, KU-C 1063



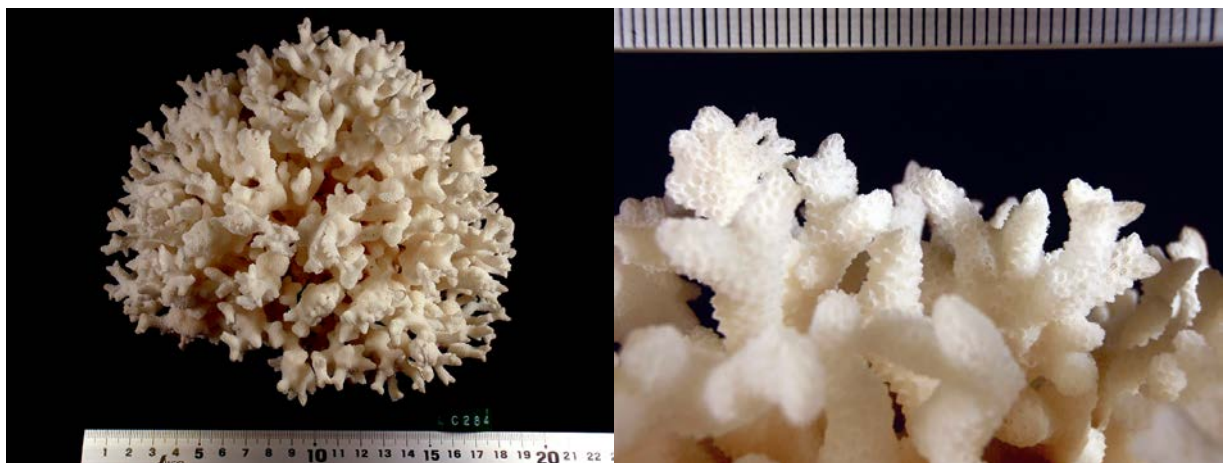
*Pocillopora eydouxi*, KU-C 1054



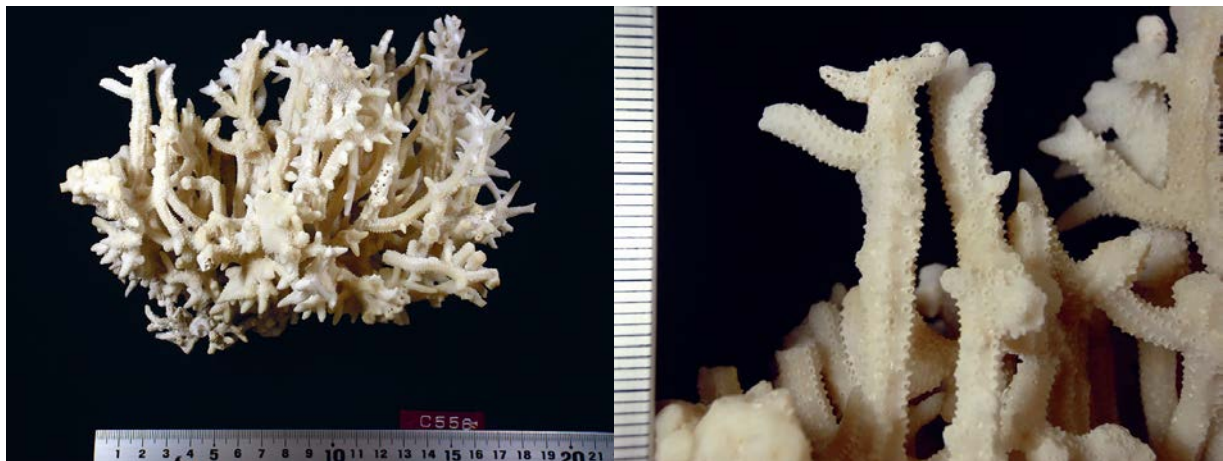
*Pocillopora meandrina*, KU-C 318



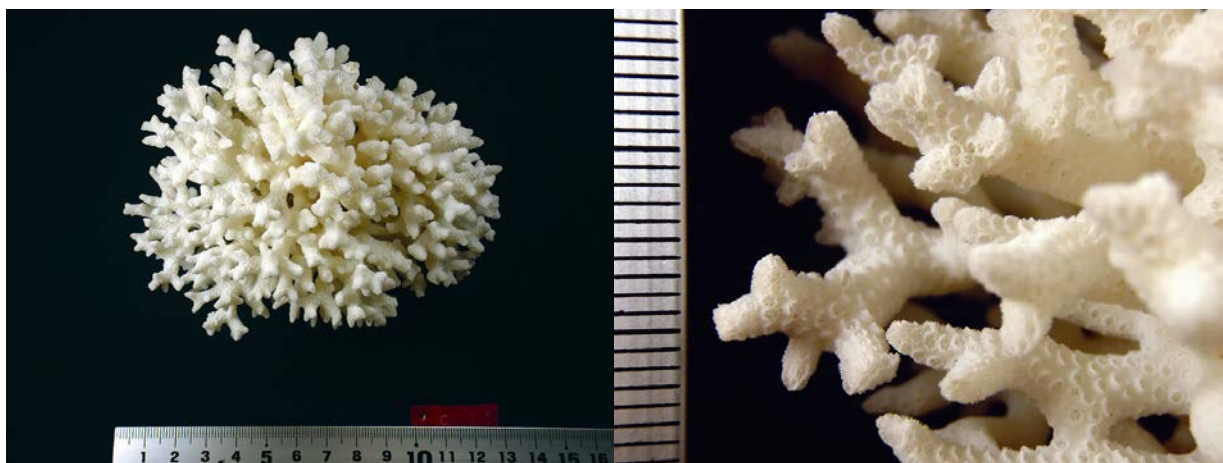
*Pocillopora verrucosa*, KU-C 331



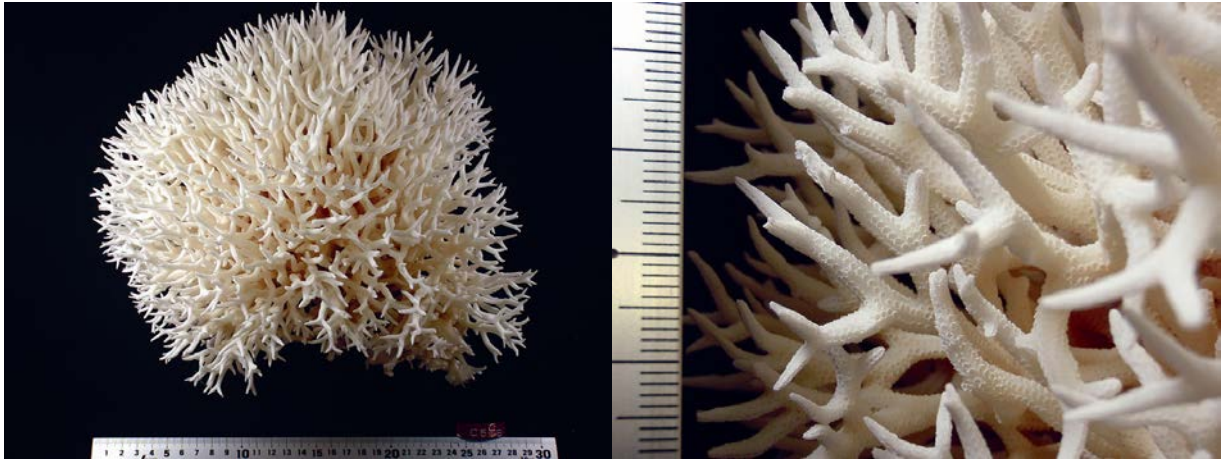
*Seriatopora* aff. *aculeata*, KU-C 284



*Seriatopora* *caliendrum*, KU-C 556



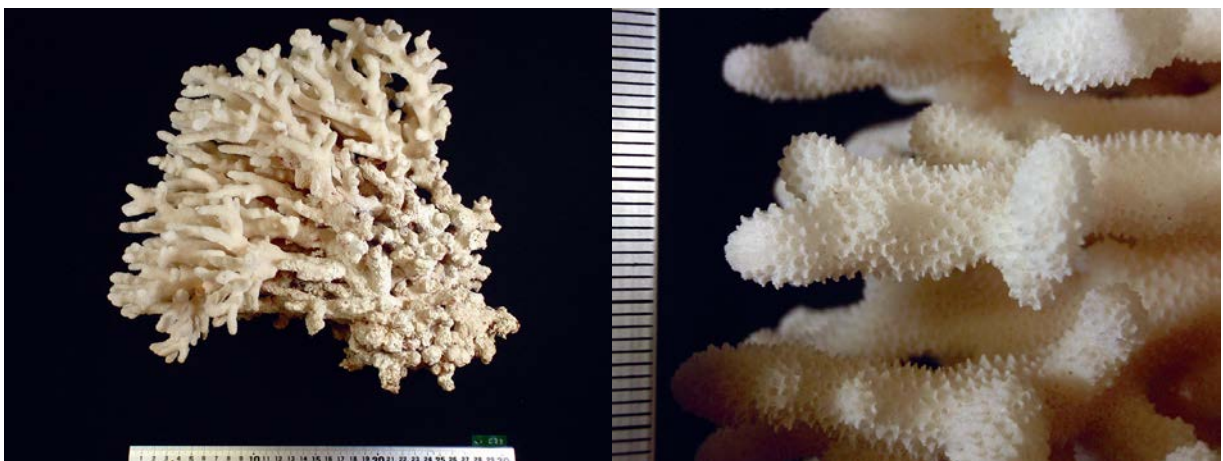
*Seriatopora* *guttatus*, KU-C 190



*Seriatopora hystrix*, KU-C 578



*Seriatopora stellata*, KU-C 575

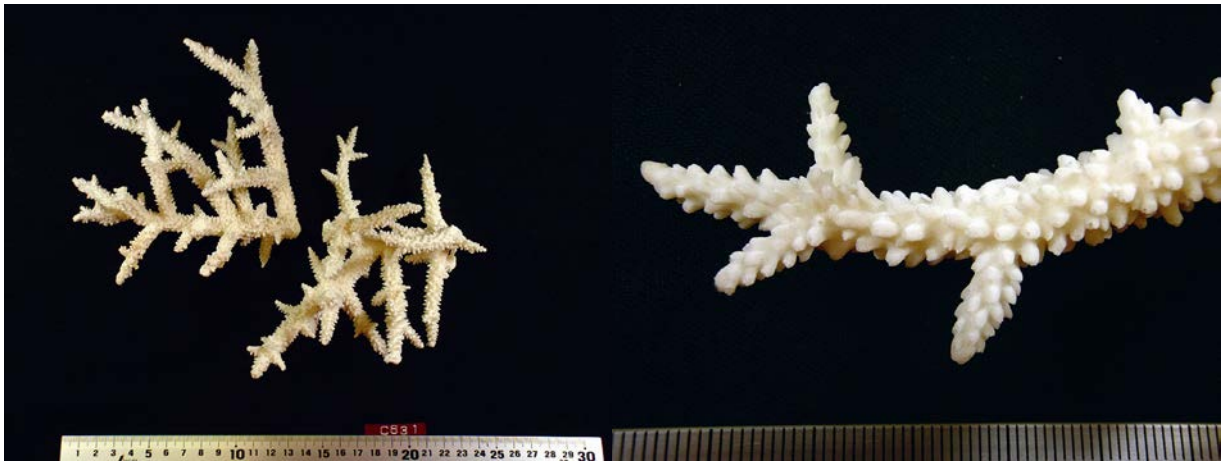


*Stylophora pistillata*, KU-C 25

## Acroporidae



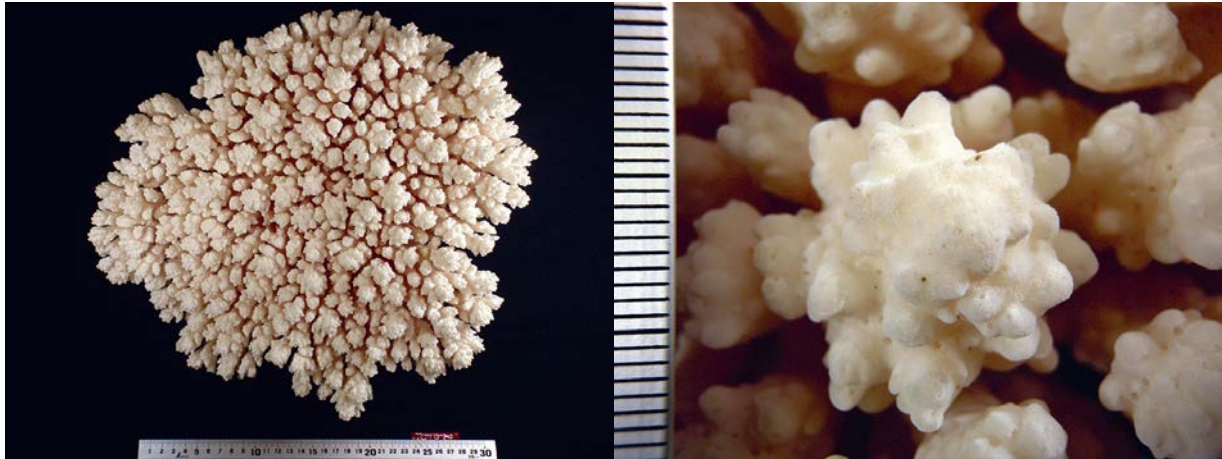
*Acropora abrotanoides*, KU-C 325



*Acropora acuminata*, KU-C 631



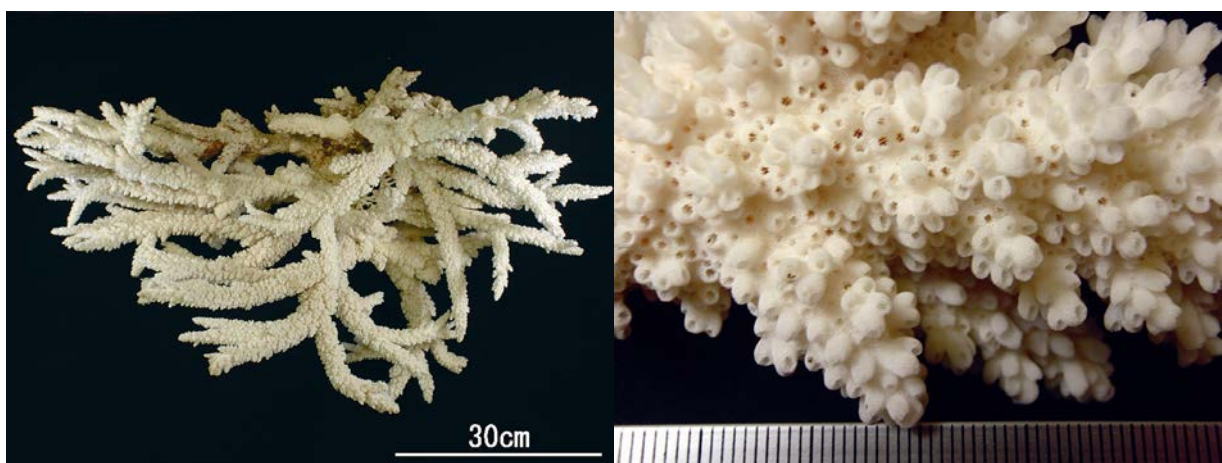
*Acropora anthocercis*, KU-C 1006



*Acropora* aff. *anthocercis*, KU-C 1014



*Acropora aspera*, KU-C 171



*Acropora austera*, KU-C 1058



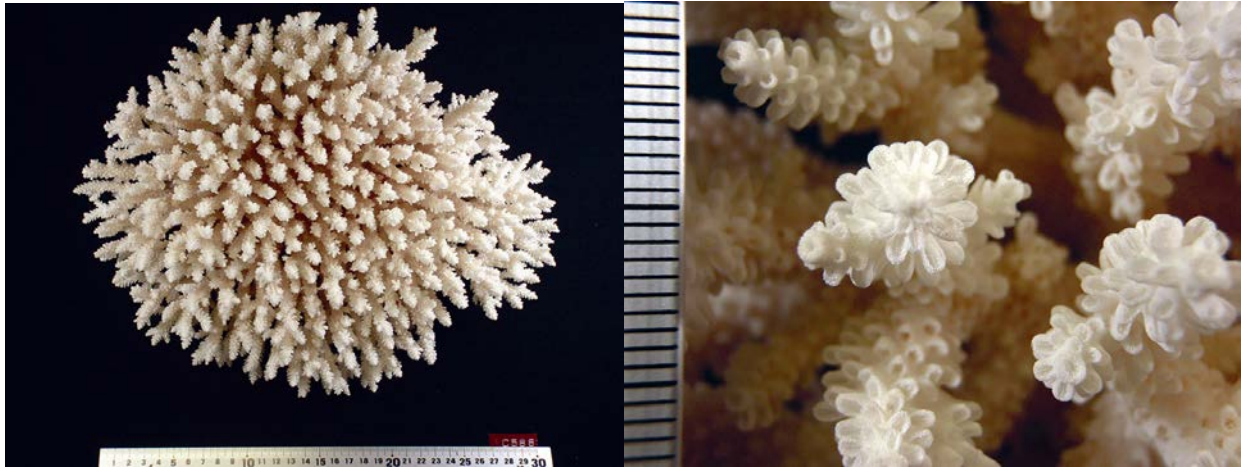
*Acropora awi*, KU-C 617



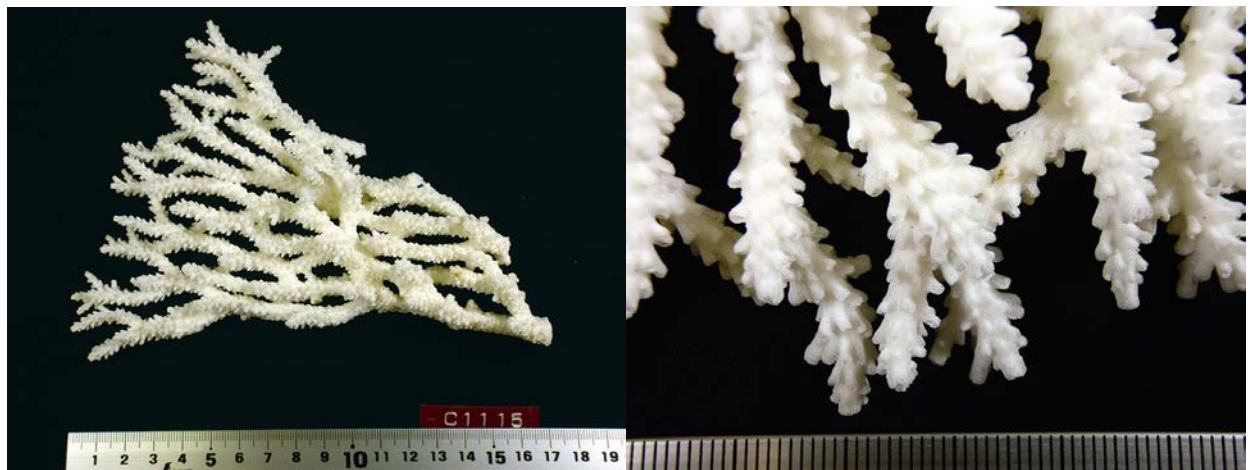
*Acropora* aff. *batsunai*, KU-C 98



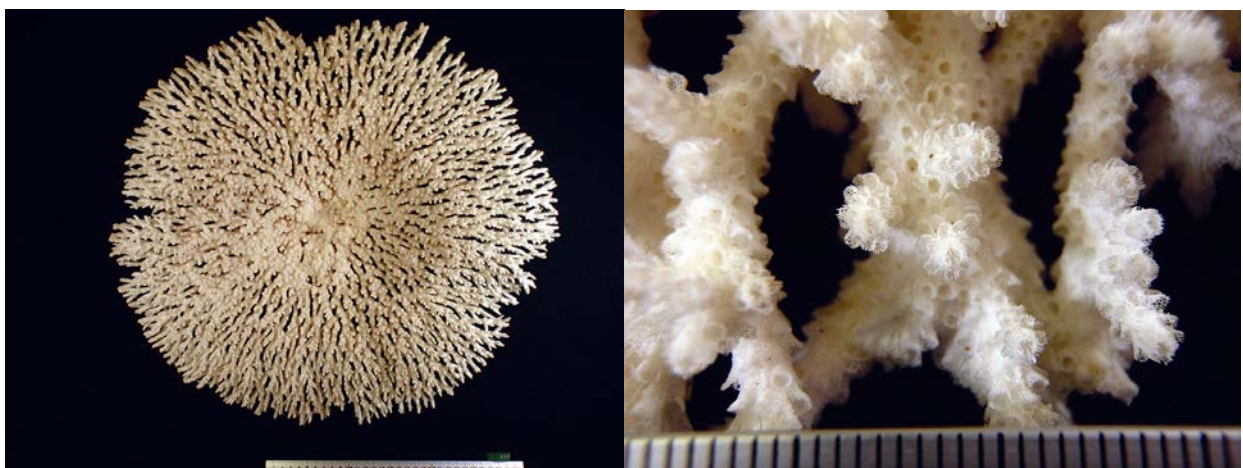
*Acropora carduus*, KU-C 49



*Acropora cerealis*, KU-C 586



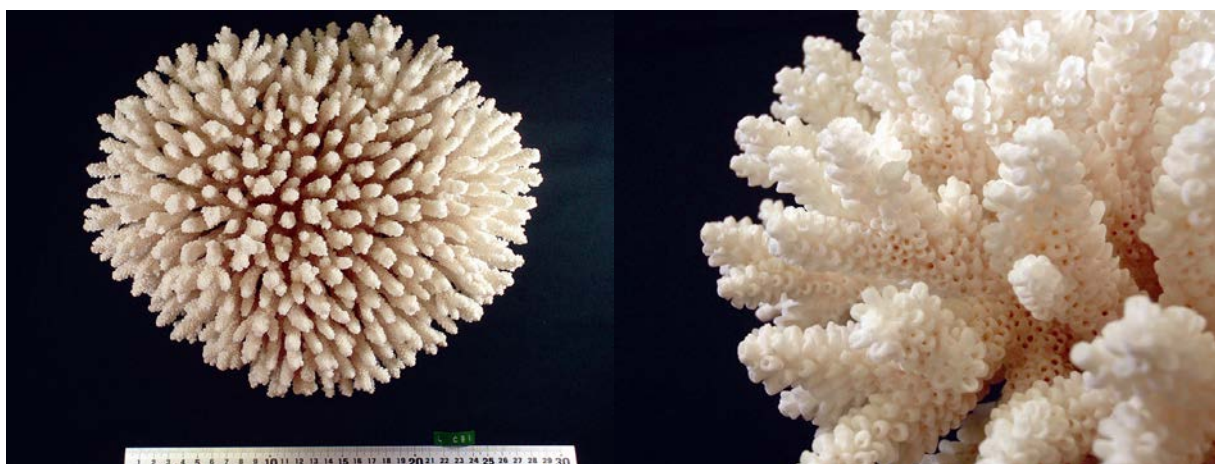
*Acropora clathrata*, KU-C 1115



*Acropora cytherea*, KU-C 44



*Acropora derawanensis*, KU-C 939



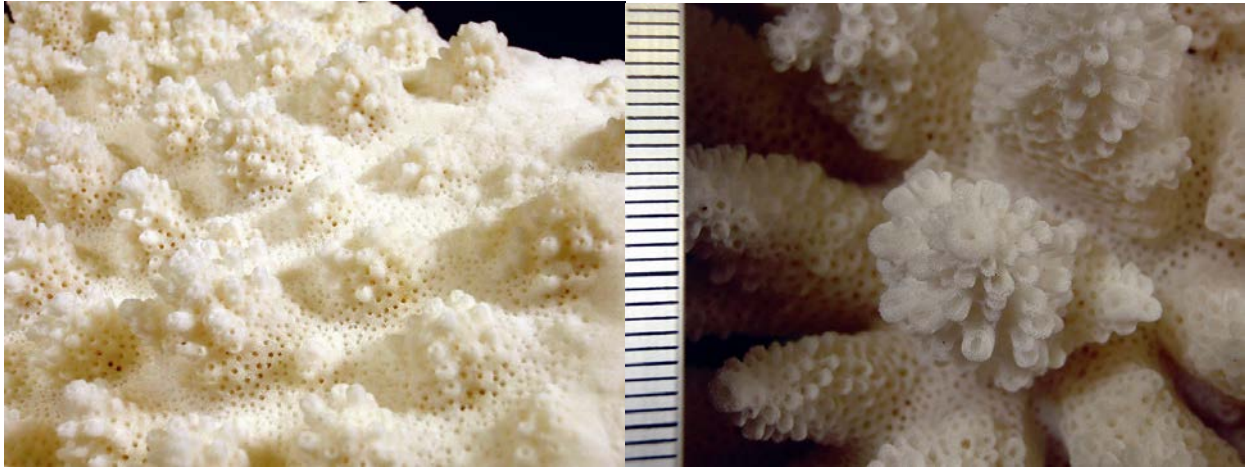
*Acropora digitifera*, KU-C 91



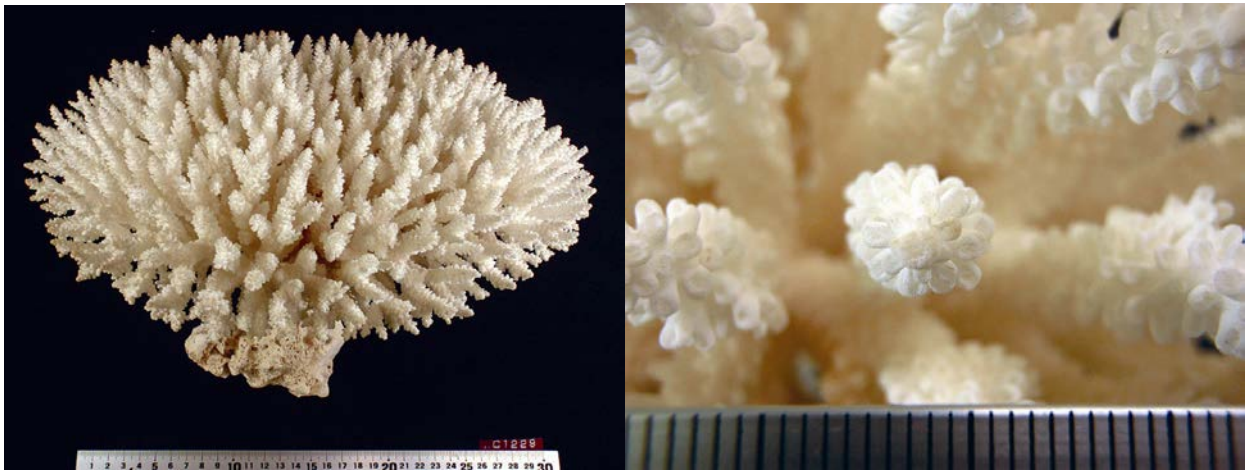
*Acropora digitifera*, KU-C 91



*Acropora* aff. *digitifera*, KU-C 95



*Acropora* aff. *digitifera*, KU-C 95



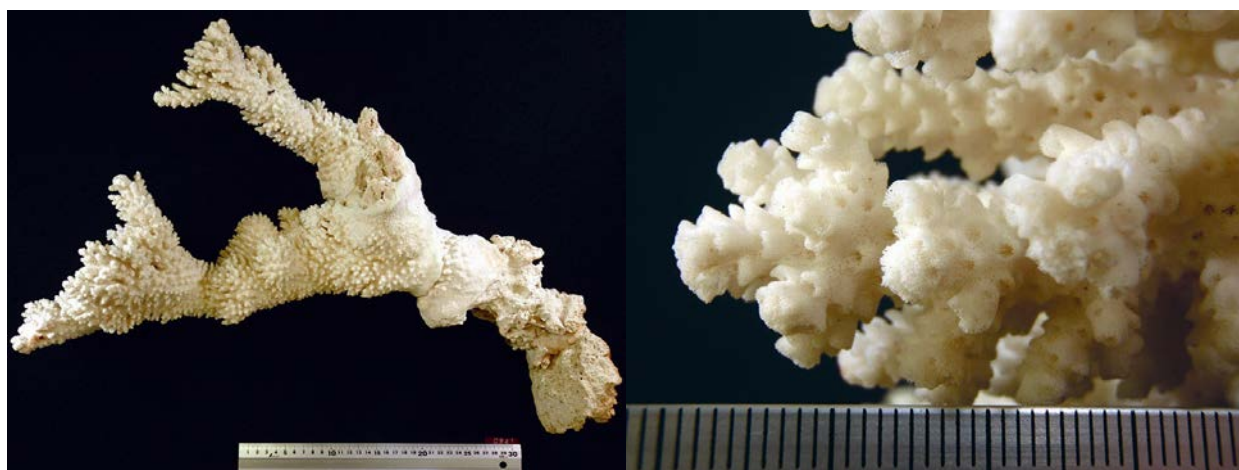
*Acropora divaricata*, KU-C 1229



*Acropora echinata*, KU-C 611



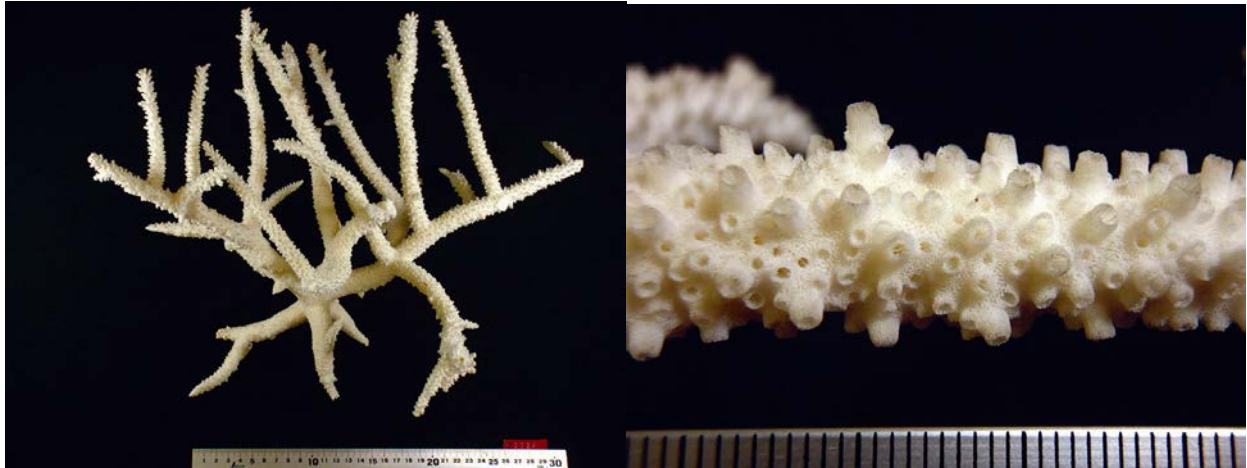
*Acropora elseyi*, KU-C 253



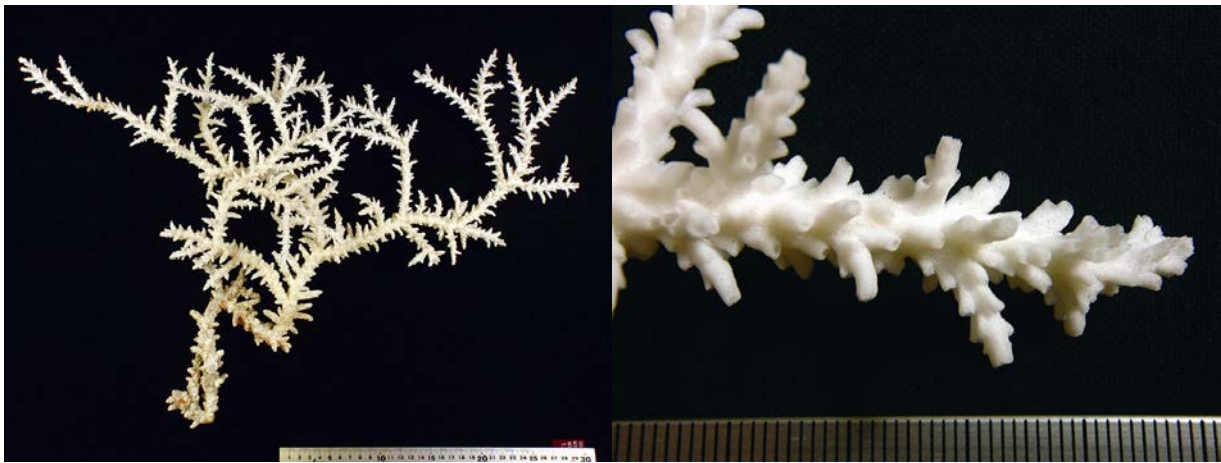
*Acropora florida*, KU-C 641



*Acropora gemmifera*, KU-C 655



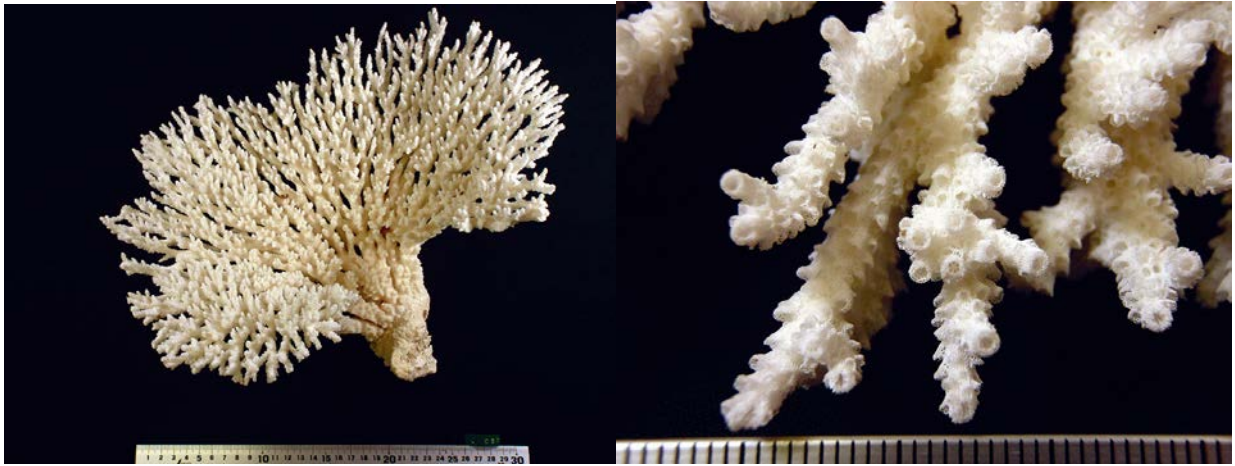
*Acropora grandis*, KU-C 324



*Acropora horrida*, KU-C 559



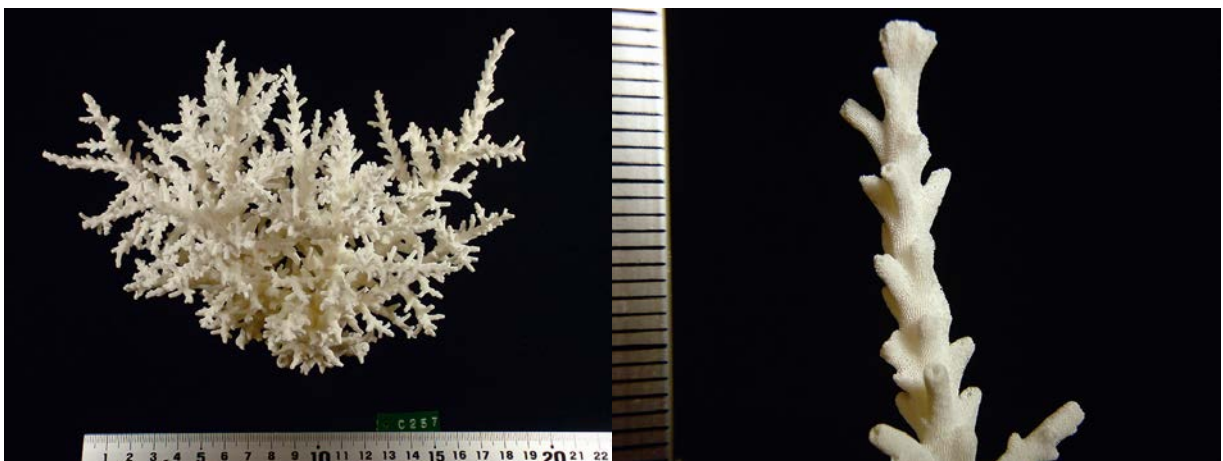
*Acropora humilis*, KU-C 1137



*Acropora hyacinthus*, KU-C 57



*Acropora intermedia*, KU-C 628; KU-C 825



*Acropora kirstyae*, KU-C 257



*Acropora latistella*, KU-C 587



*Acropora longicyathus*, KU-C 330



*Acropora microphthalma*, KU-C 1068



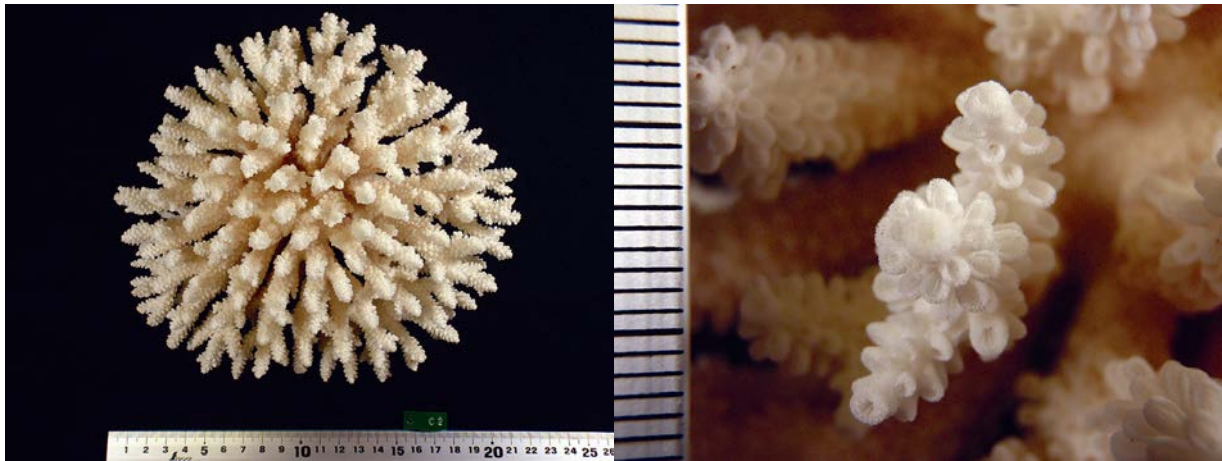
*Acropora millepora*, KU-C 1018



*Acropora muricata*, KU-C 326



*Acropora nana*, KU-C 1017



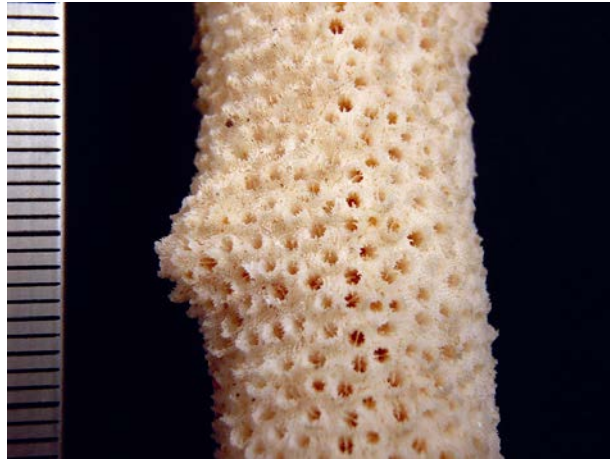
*Acropora nasuta*, KU-C 2



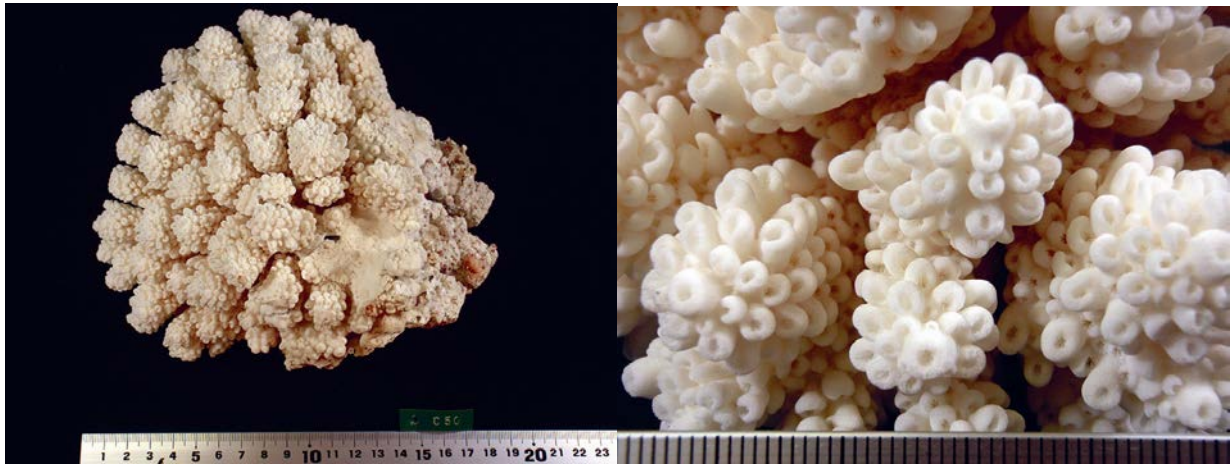
*Acropora pulchra*, KU-C 880



*Acropora* aff. *pulchra*, KU-C 455



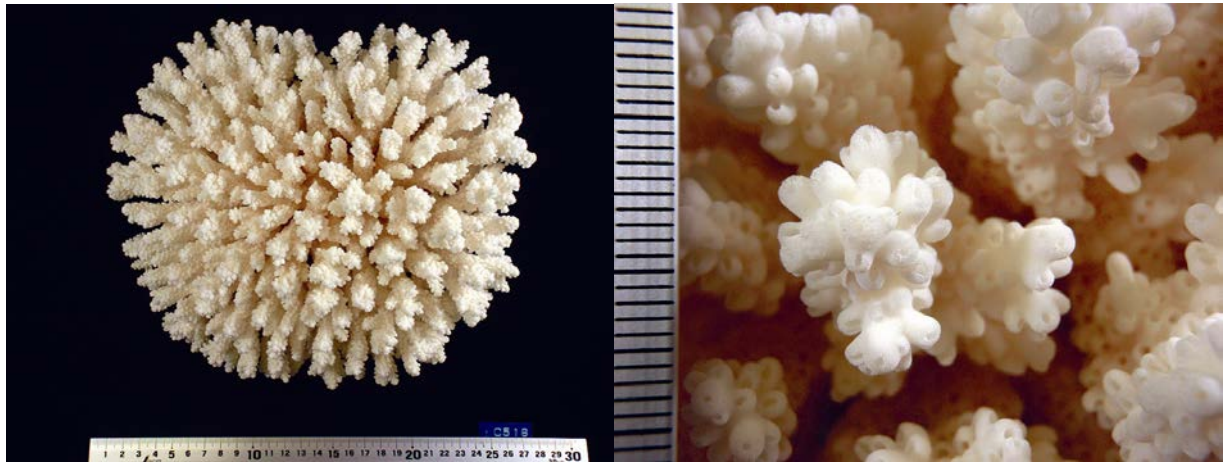
*Acropora* aff. *pulchra*, KU-C 455



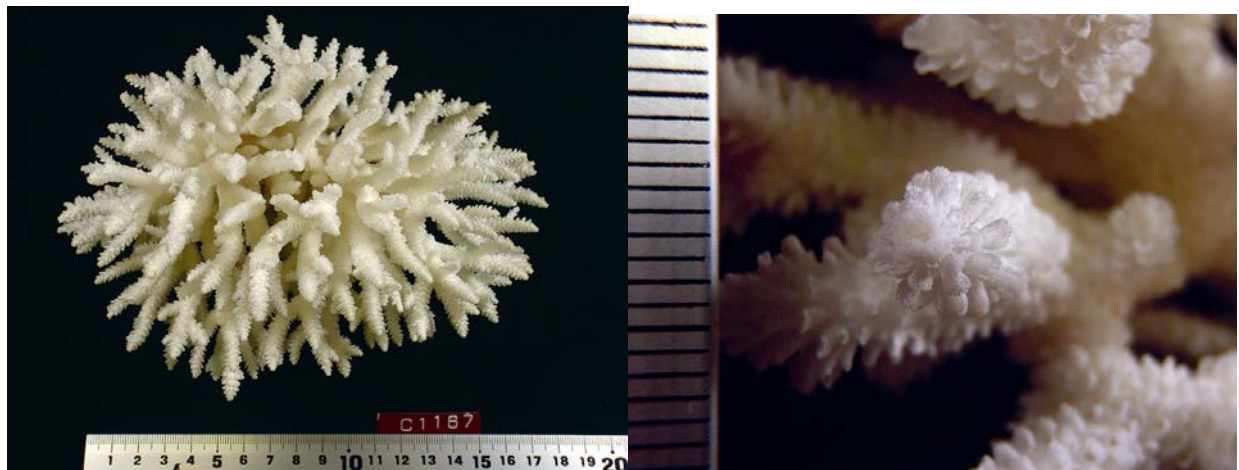
*Acropora retusa*, KU-C 50



*Acropora robusta*, KU-C 530



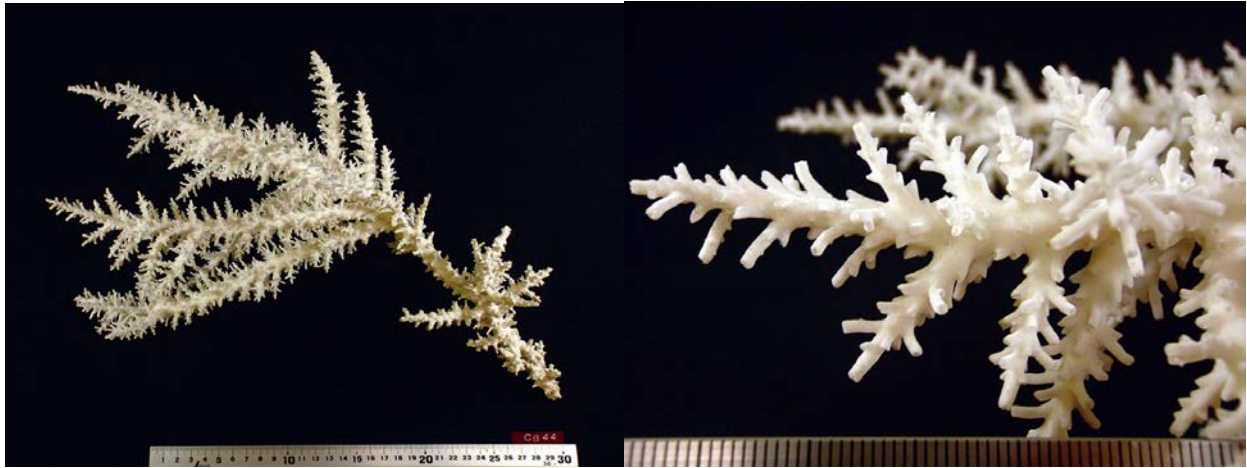
*Acropora secale*, KU-C 518



*Acropora selago*, KU-C 1167



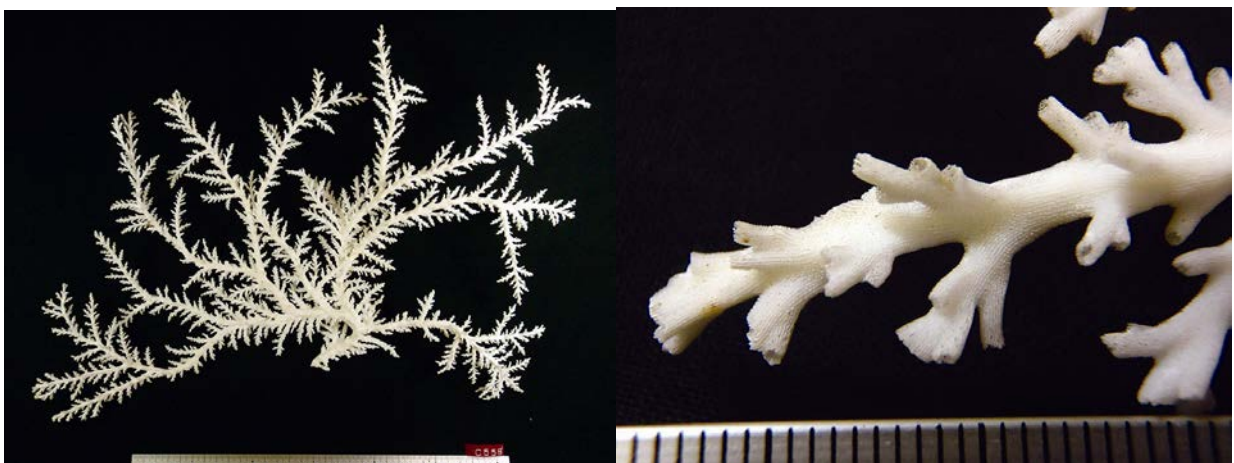
*Acropora spathulata*, KU-C 629



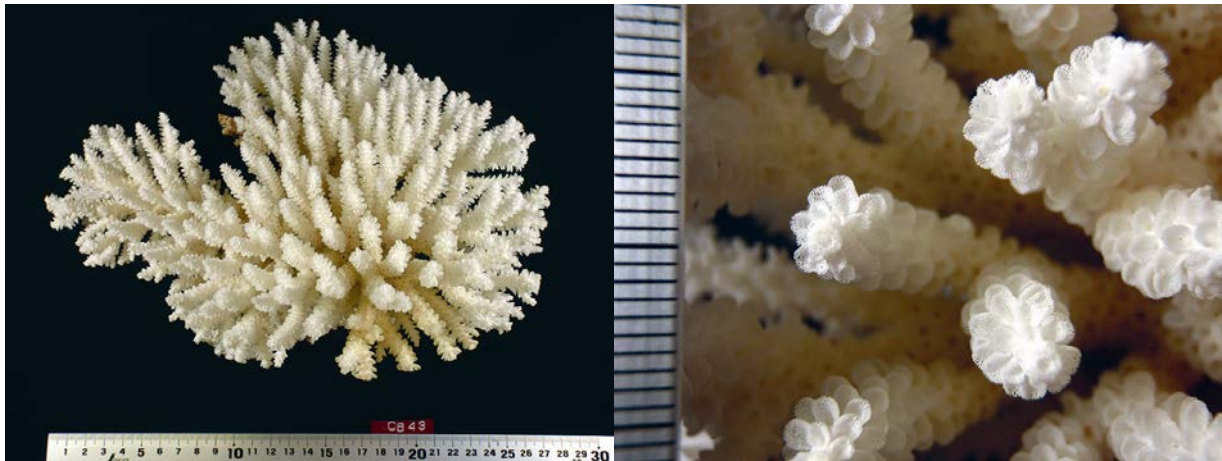
*Acropora subglabra*, KU-C 644



*Acropora subulata*, KU-C 36



*Acropora tenella*, KU-C 558



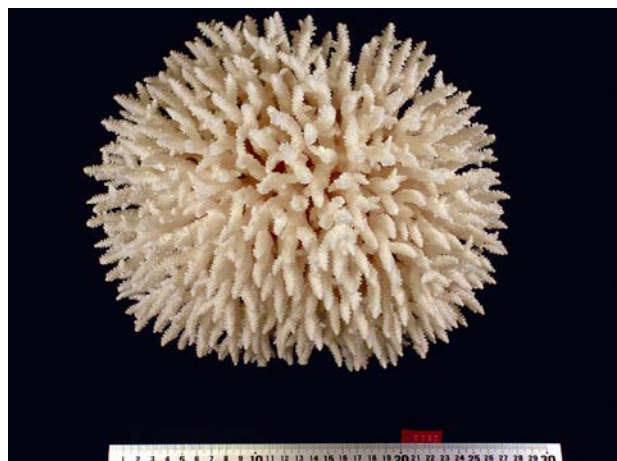
*Acropora tenuis*, KU-C 643



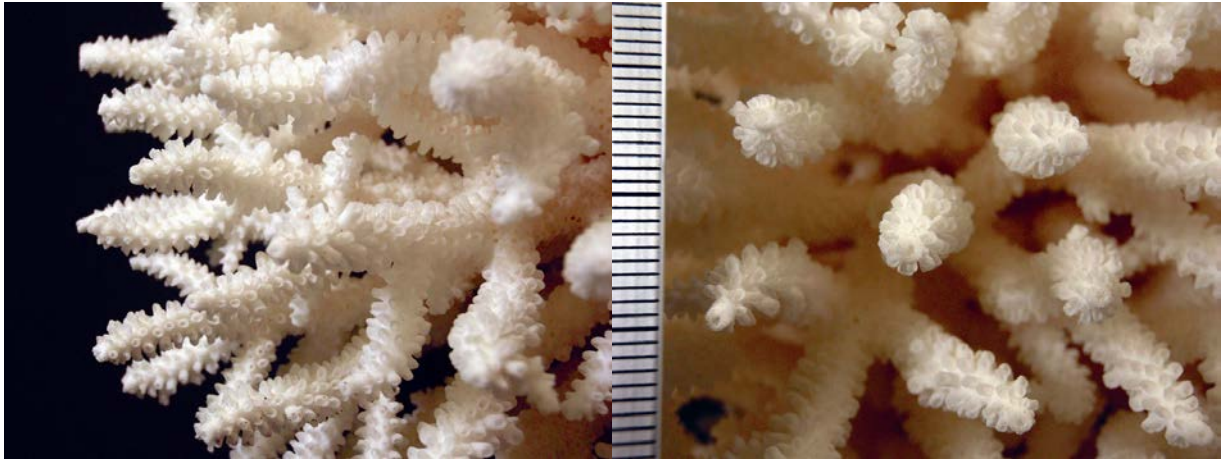
*Acropora valida*, KU-C 251



*Acropora valida*, KU-C 251



*Acropora* aff. *valida*, KU-C 323



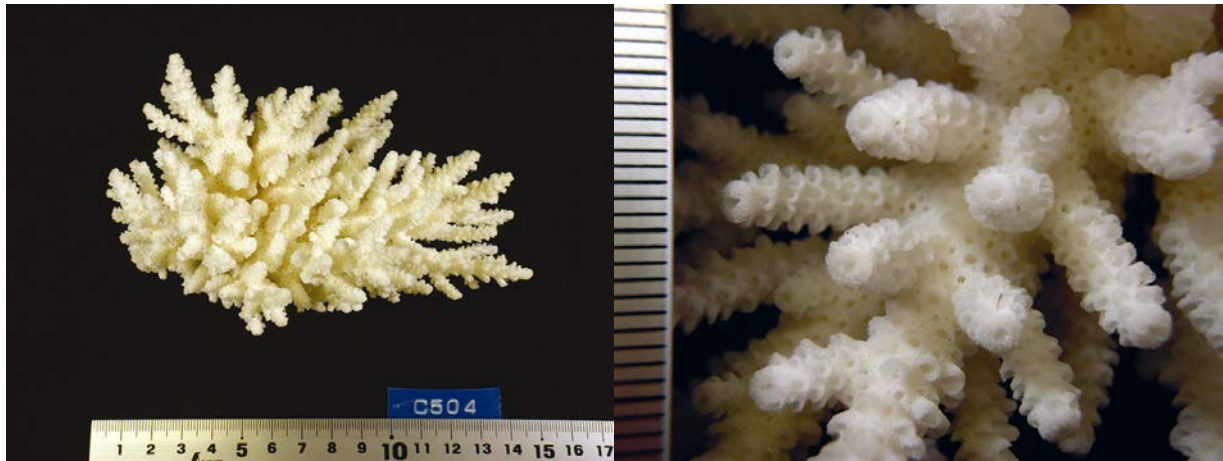
*Acropora* aff. *valida*, KU-C 323



*Acropora* aff. *variolosa*, KU-C 1059



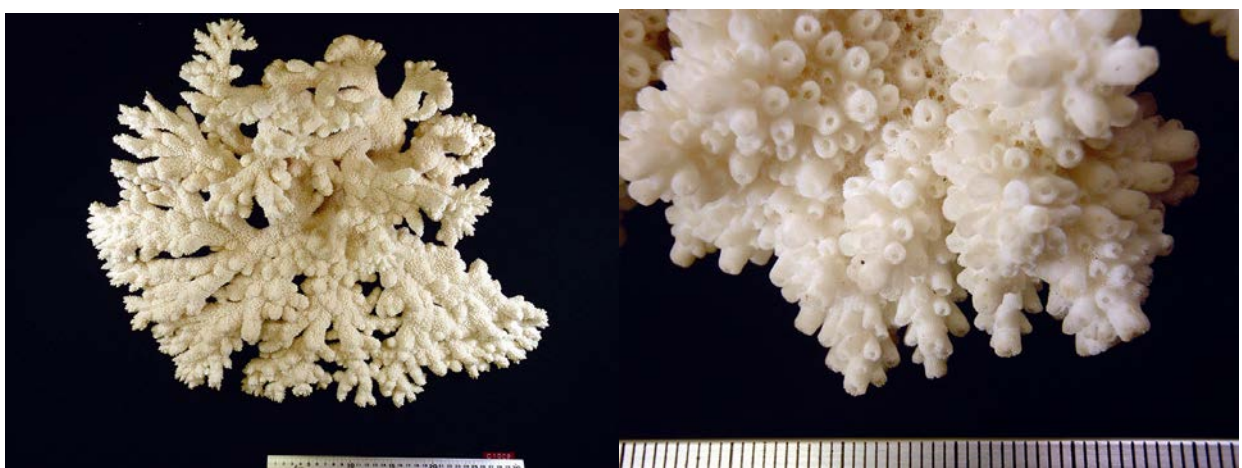
*Acropora* *vauhani*, KU-C 654



*Acropora verweyi*, KU-C 504



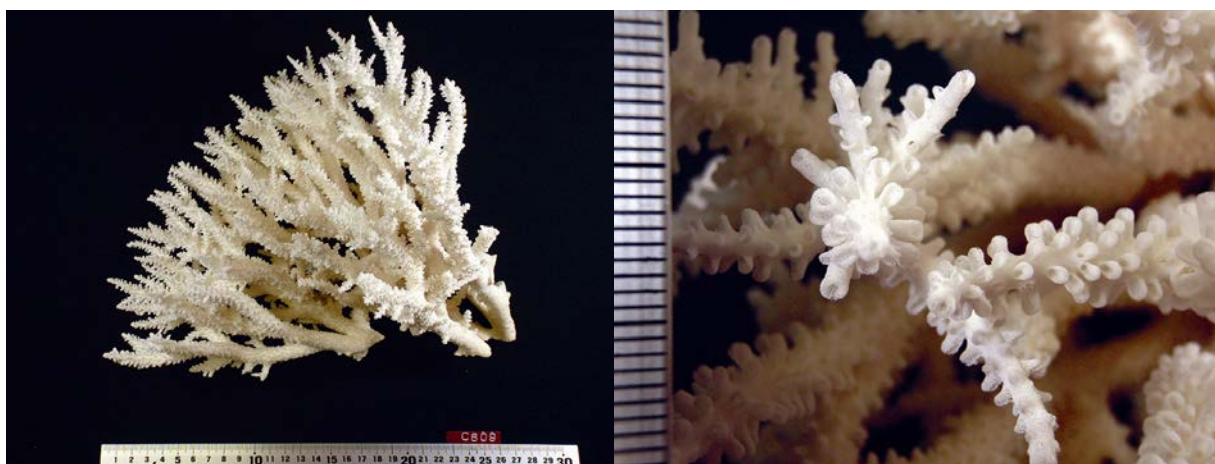
*Acropora yangei*, KU-C 249



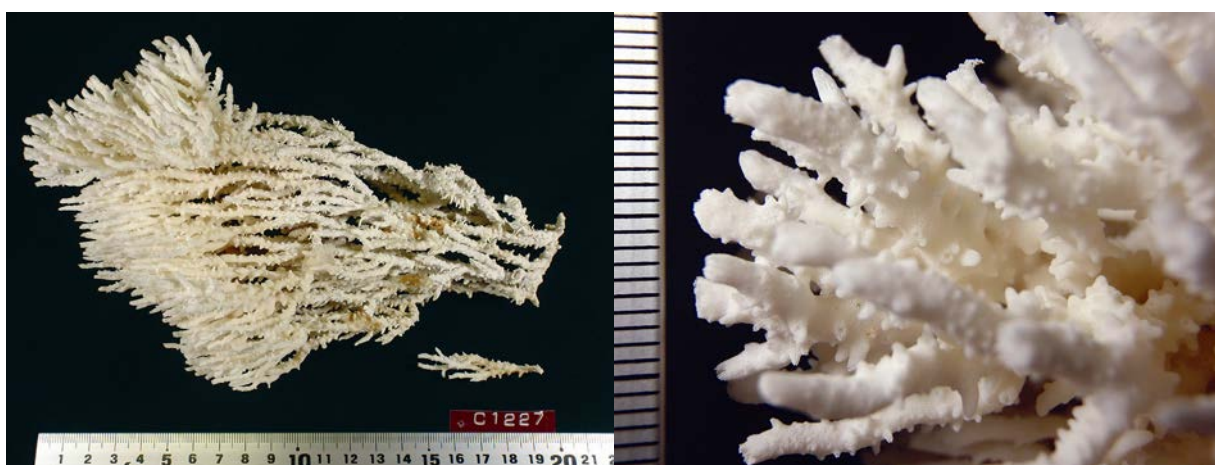
*Acropora* sp. 1, KU-C 1002



*Acropora* sp. 2, KU-C 956



*Acropora* sp. 3, KU-C 609



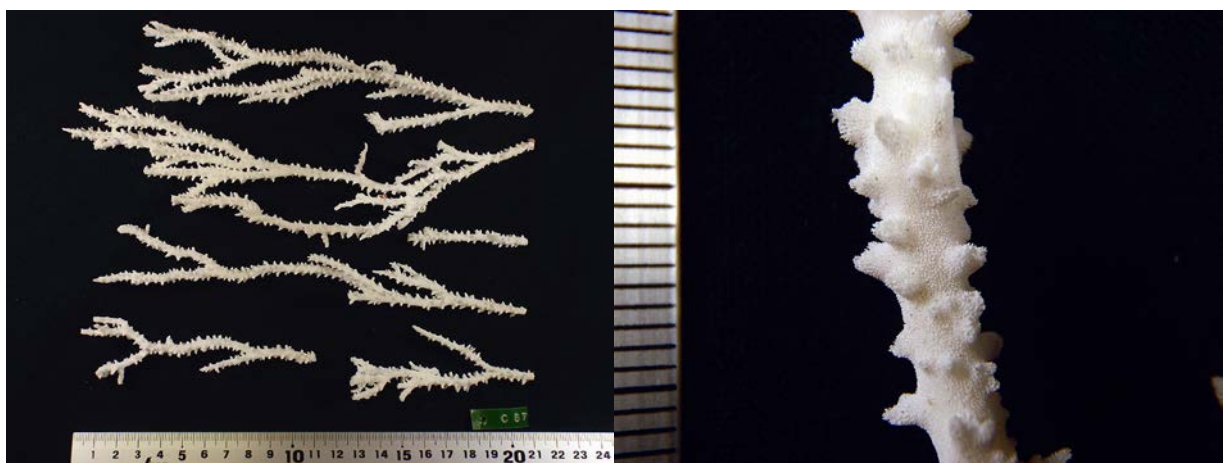
*Anacropora forbesi*, KU-C 1227



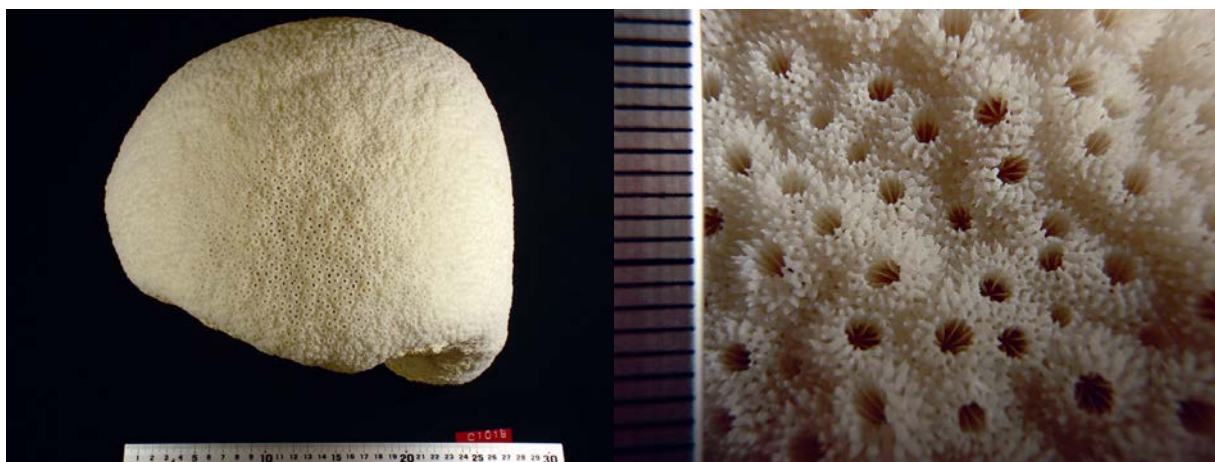
*Anacropora matthai*, KU-C 775



*Anacropora reticulata*, KU-C 516



*Anacropora spinosa*, KU-C 87



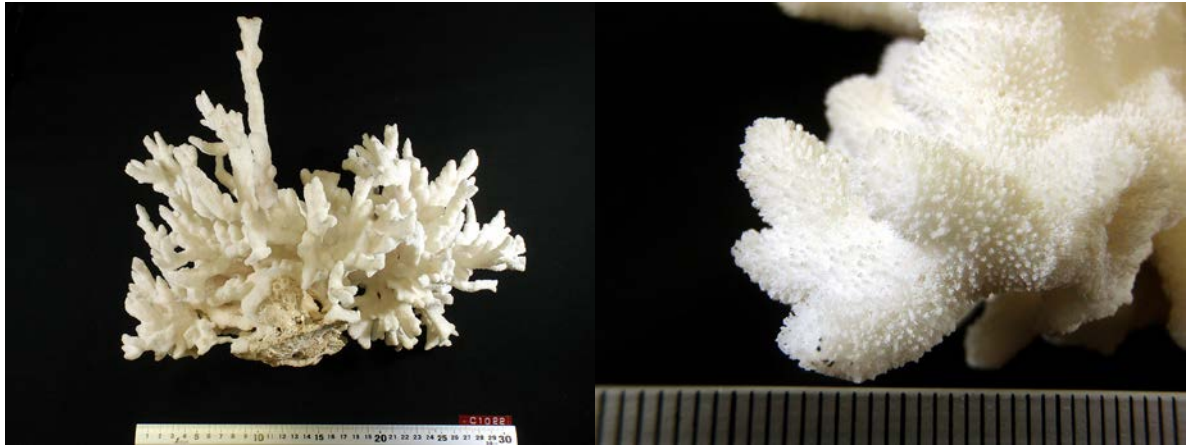
*Astreopora myriophthalma*, KU-C 1019



*Montipora aequituberculata*, KU-C 1060



*Montipora altasepta*, KU-C 809



*Montipora cactus*, KU-C 1022



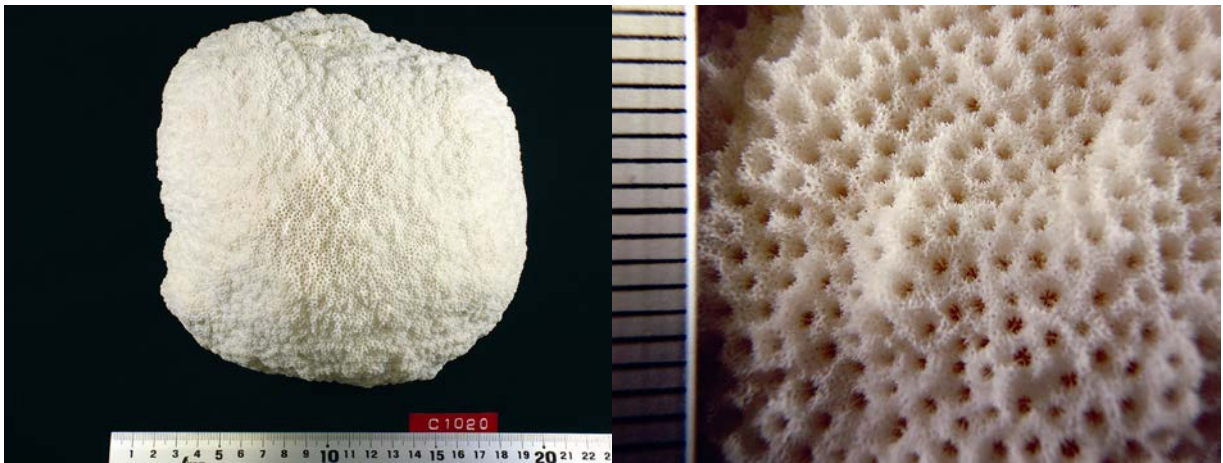
*Montipora caliculata*, KU-C 891



*Montipora digitata*, KU-C 322



*Montipora floweri*, KU-C 1027



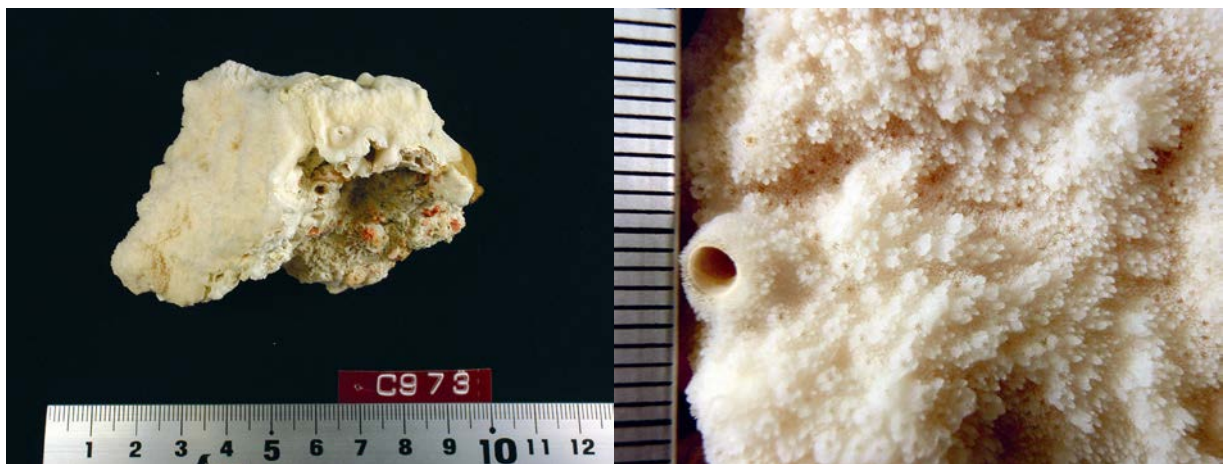
*Montipora foveolata*, KU-C 1020



*Montipora gaimardi*, KU-C 899



*Montipora grisea*, KU-C 509



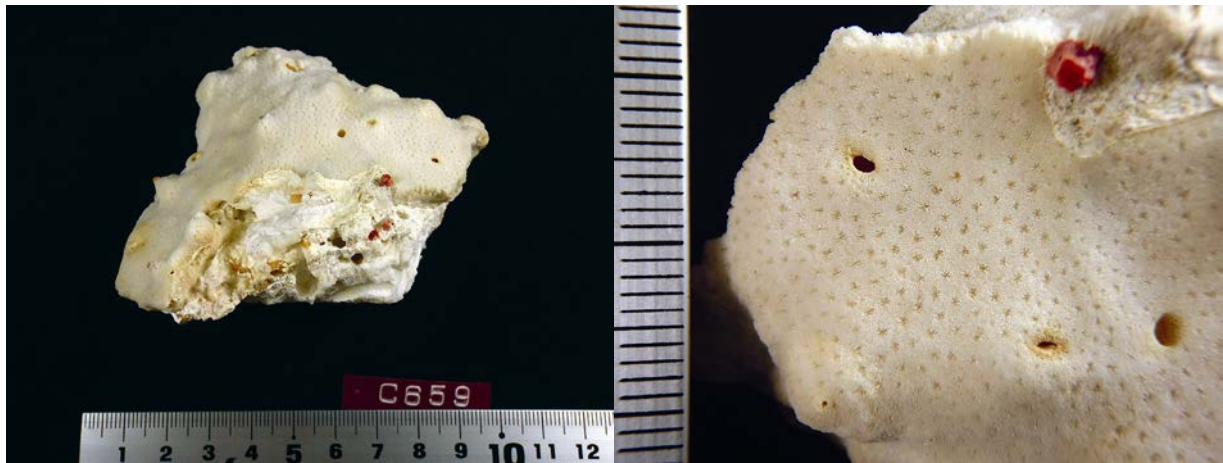
*Montipora hispida*, KU-C 973



*Montipora informis*, KU-C 22



*Montipora malampaya*, KU-C 1021



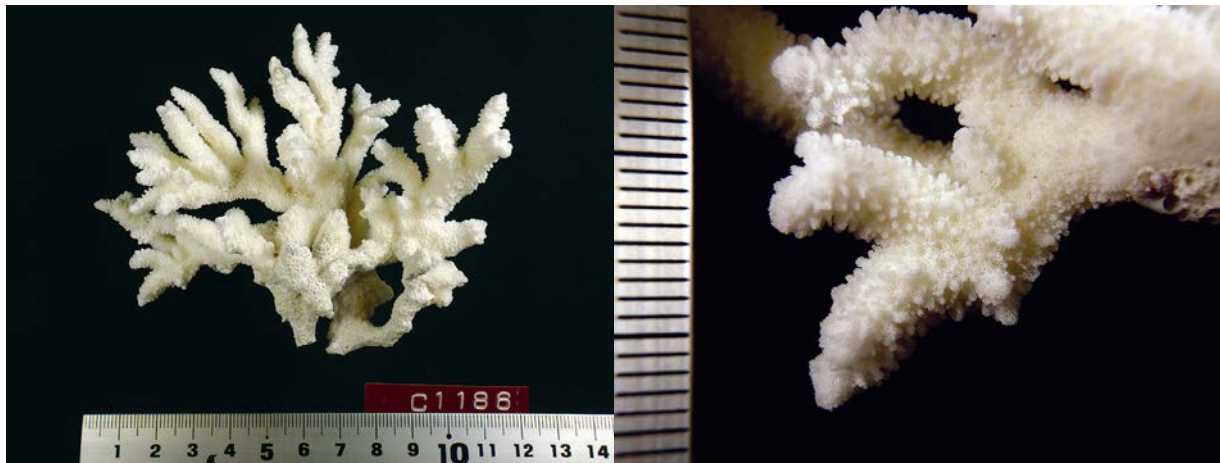
*Montipora mollis*, KU-C 659



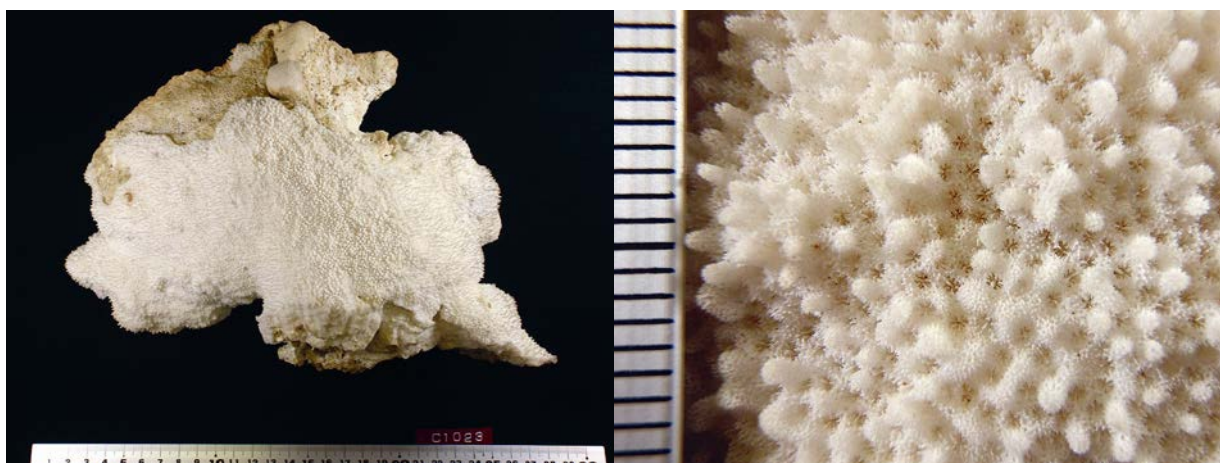
*Montipora samarensis*, KU-C 532



*Montipora spumosa*, KU-C 1170



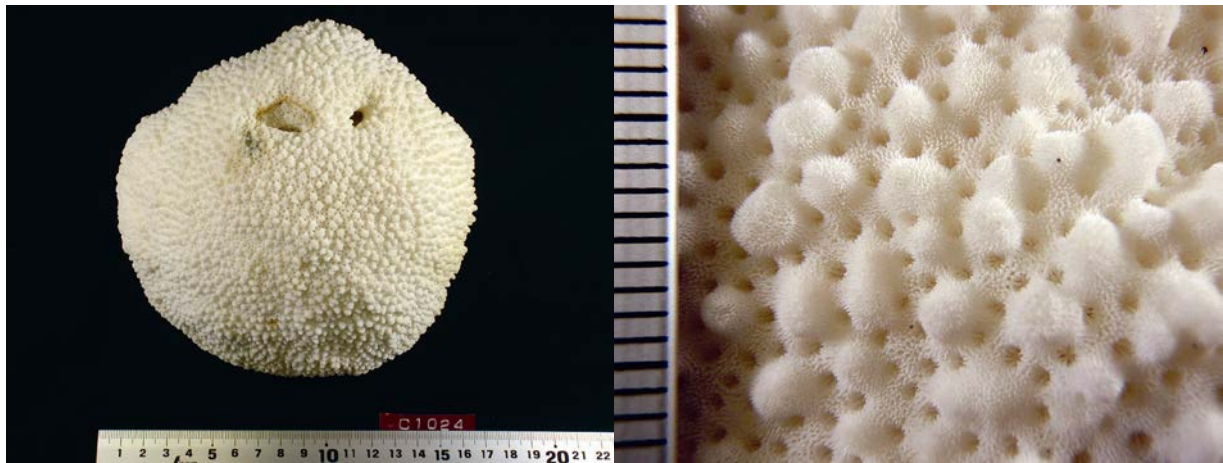
*Montipora stellata*, KU-C 1186



*Montipora tuberculosa*, KU-C 1023



*Montipora venosa*, KU-C 1004



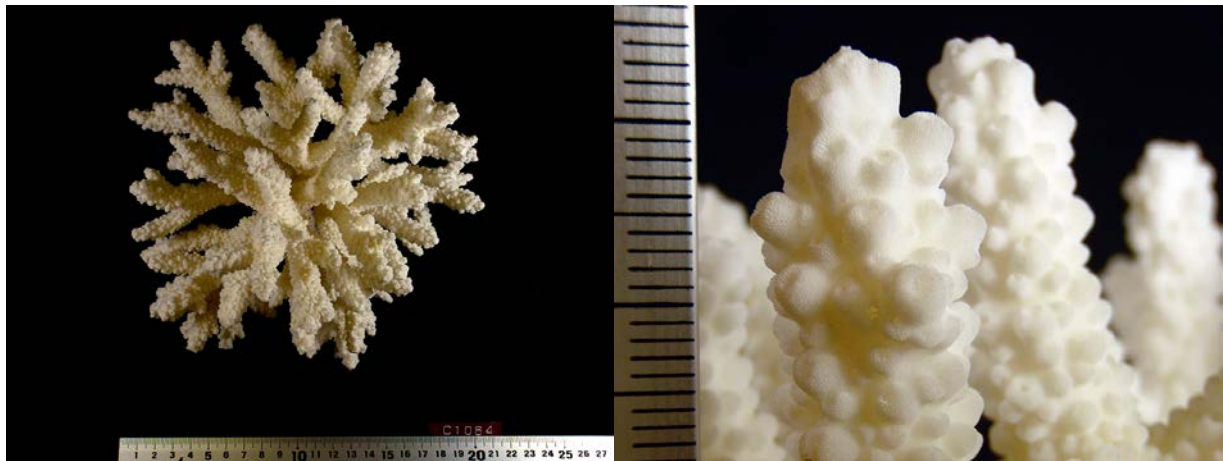
*Montipora verrucosa*, KU-C 1024



*Montipora undata*, KU-C 1005



*Montipora* sp., KU-C 573



*Isopora brueggemanni*, KU-C 1117

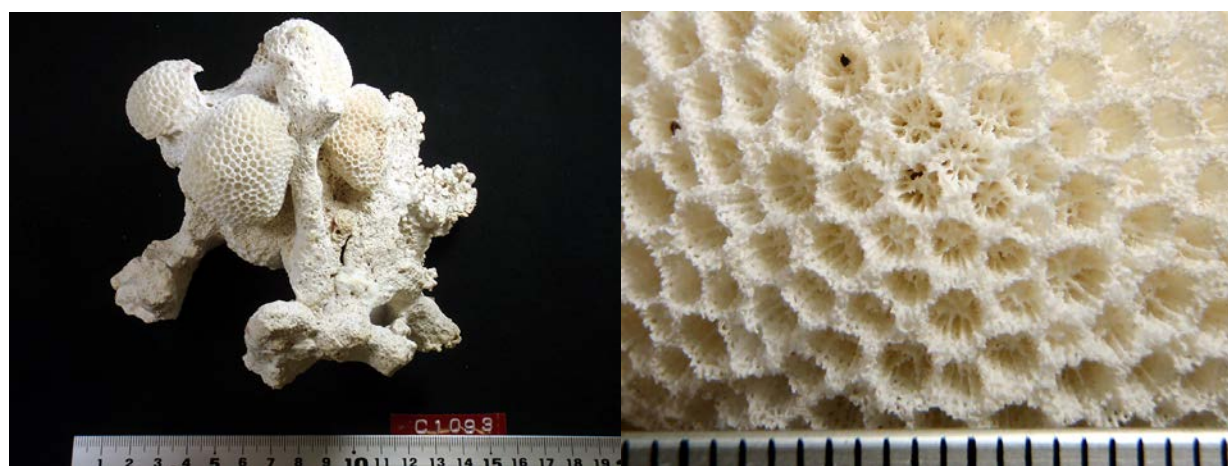


*Isopora palifera*, KU-C 333

## Poritidae



*Alveopora verrilliana*, KU-C 1029



*Goniopora burgosi*, KU-C 1093



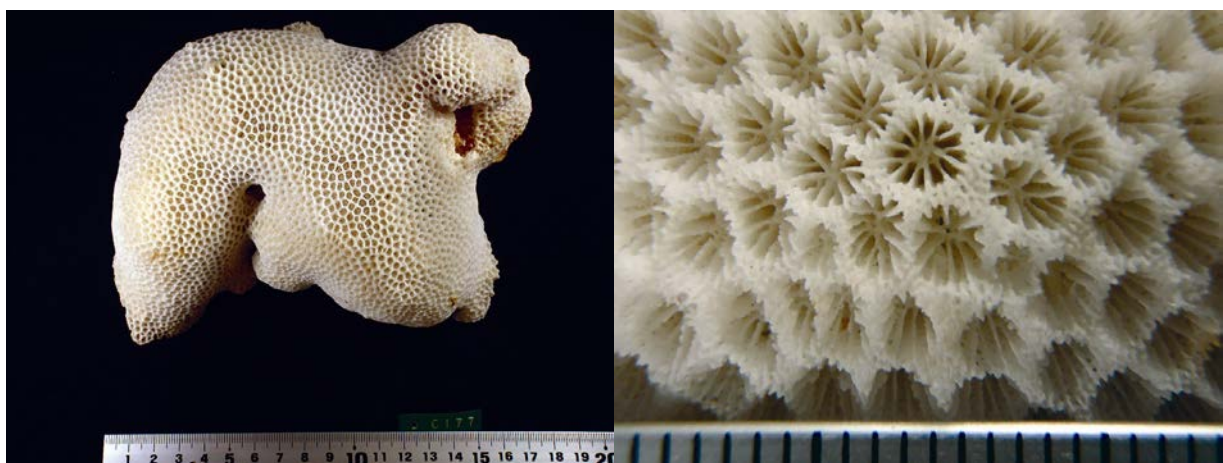
*Goniopora djiboutiensis*, KU-C 473



*Goniopora lobata*, KU-C 698



*Goniopora minor*, KU-C 807



*Goniopora norfolkensis*, KU-C 177



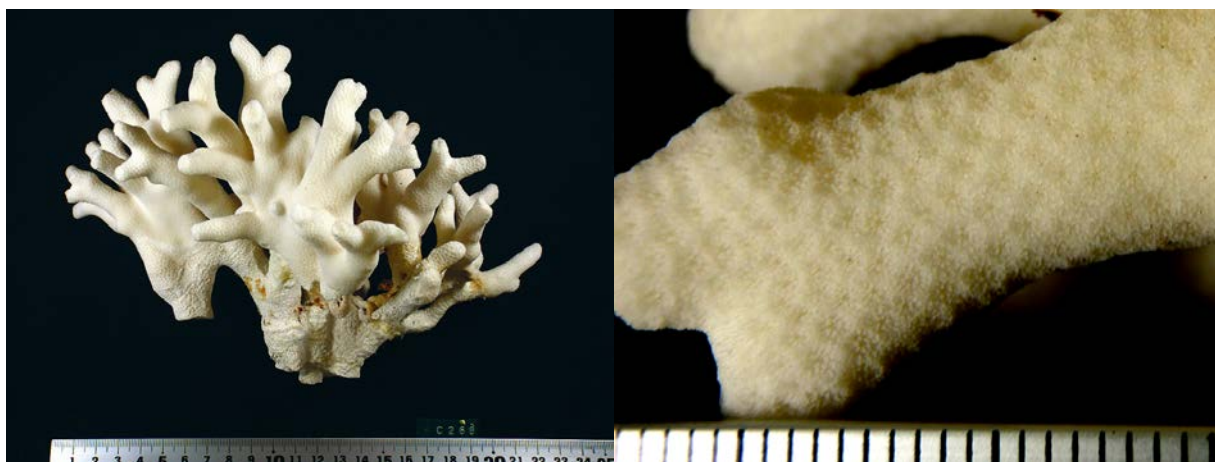
*Goniopora pandoraensis*, KU-C 117



*Goniopora tenuidens*, KU-C 569



*Porites annae*, KU-C 537



*Porites attenuata*, KU-C 268



*Porites australiensis*, KU-C 1095



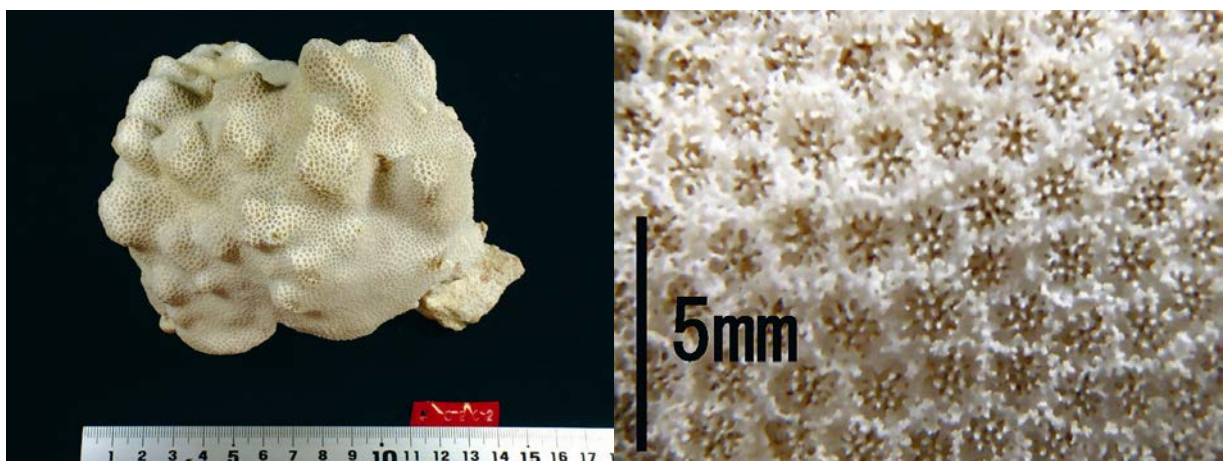
*Porites cylindrica*, KU-C 158



*Porites deformis*, KU-C 865



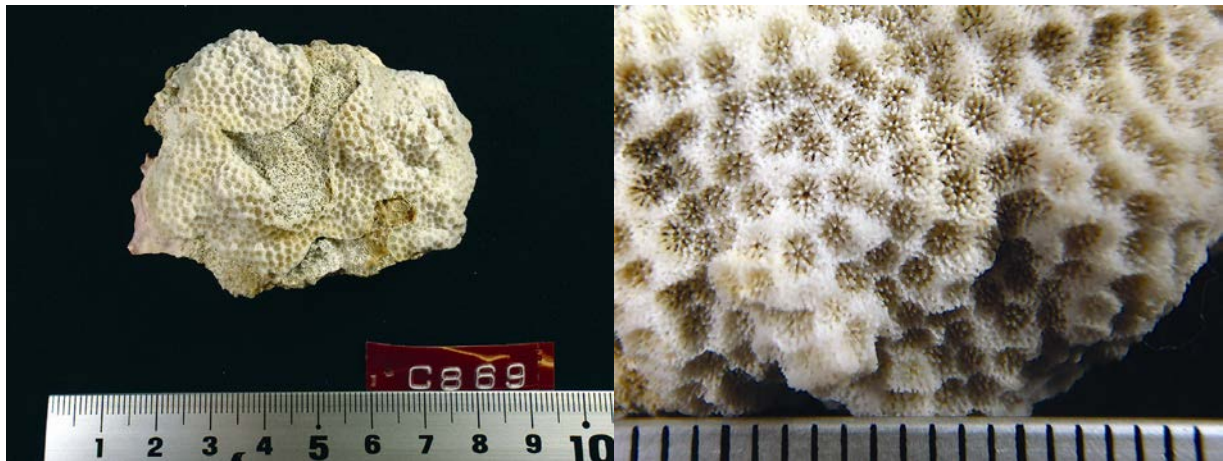
*Porites evermanni*, KU-C 1126



*Porites heronensis*, KU-C 202



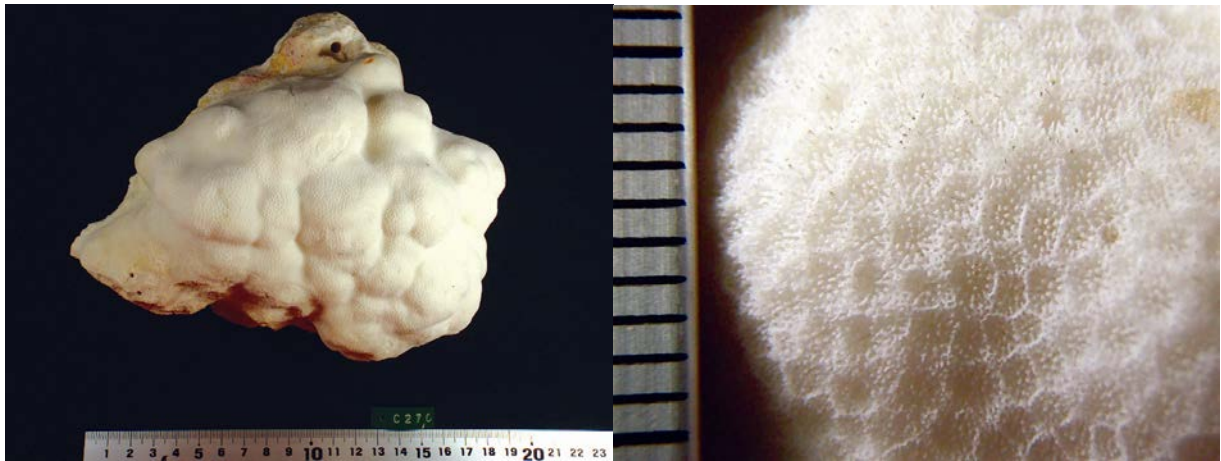
*Porites latistella*, KU-C 1101



*Porites lichen*, KU-C 869



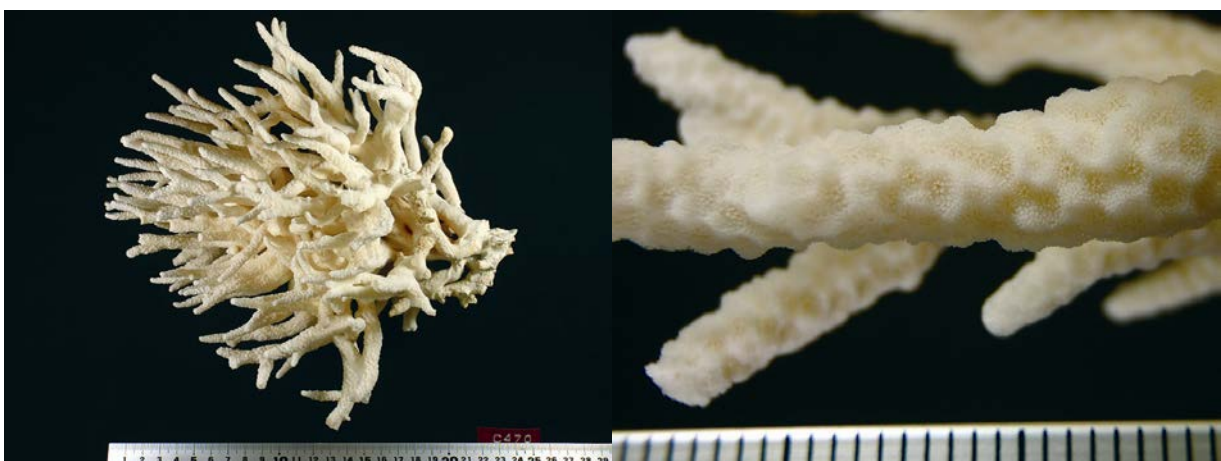
*Porites lobata*, KU-C 213



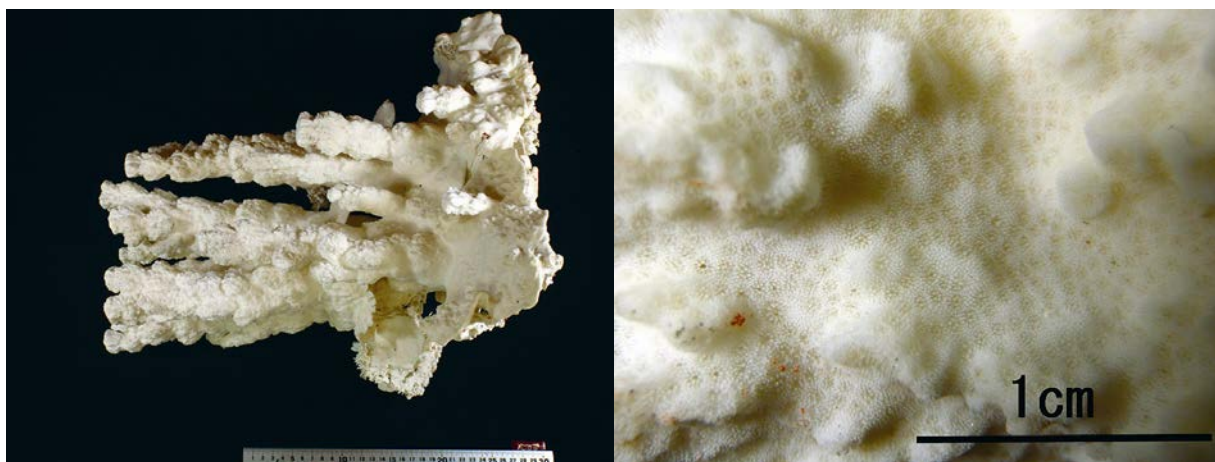
*Porites lutea*, KU-C 270



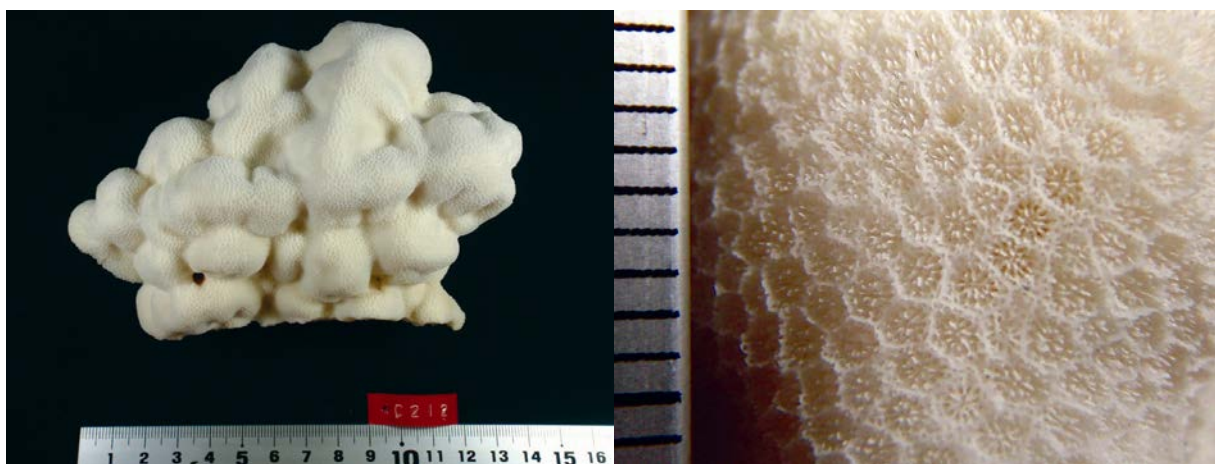
*Porites mayeri*, KU-C 1231



*Porites nigrescens*, KU-C 470

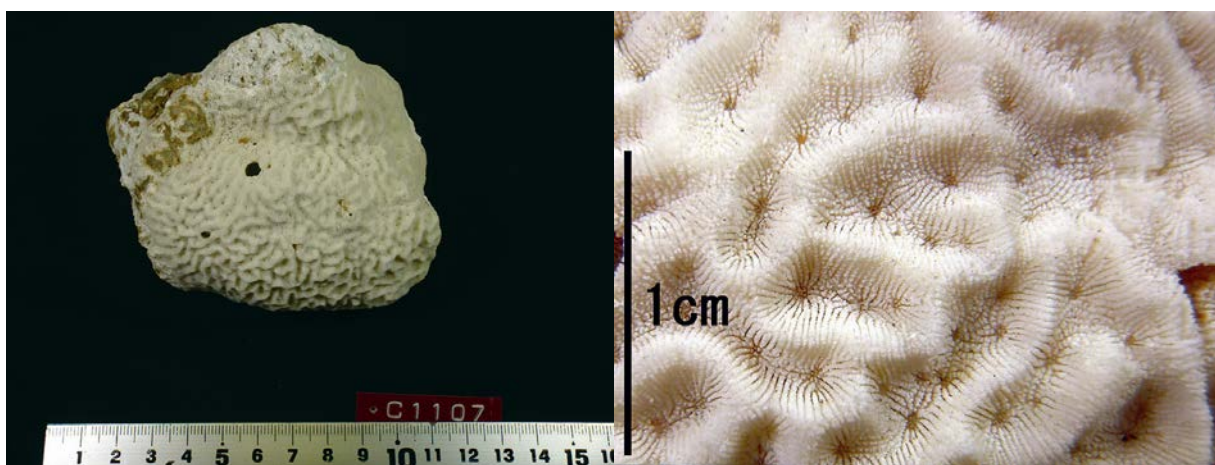


*Porites rus*, KU-C 591



*Porites* sp. KU-C 212

### Siderastreidae



*Coscinaraea columna*, KU-C 1107



*Coscinaraea* aff. *monile*, KU-C 565

### Psammocoridae



*Psammocora* *contigua*, KU-C 660

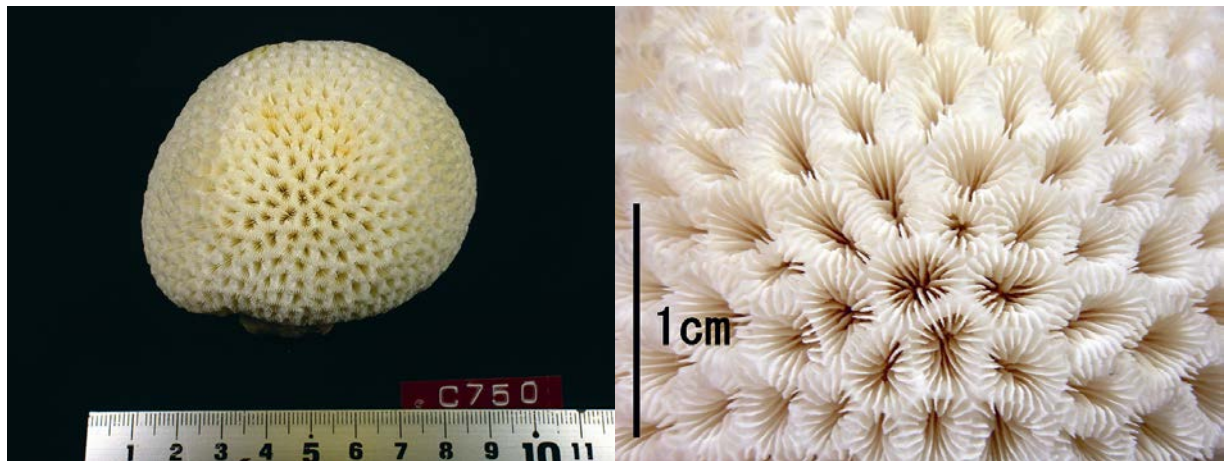


*Psammocora* *haimiana*, KU-C 159

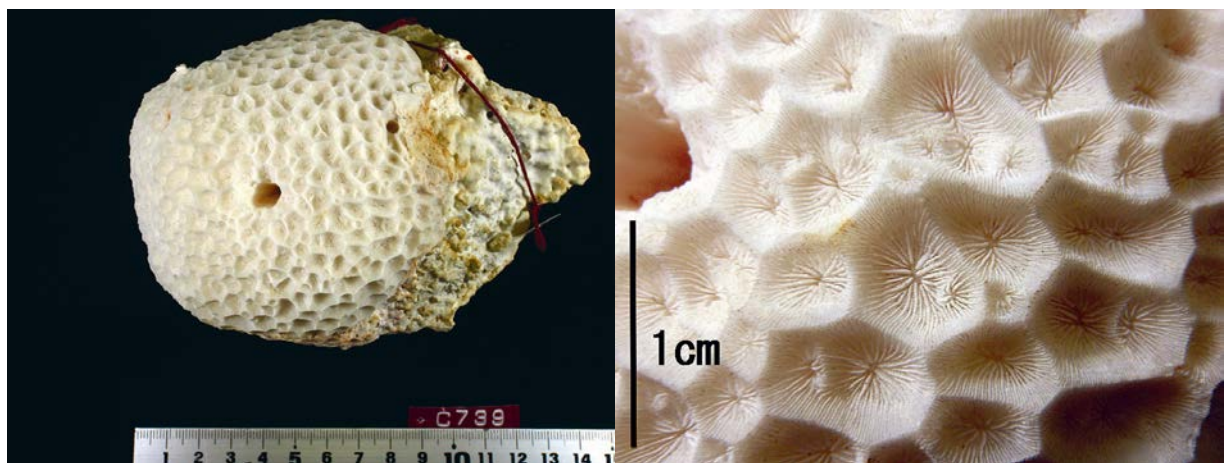


*Psammocora profundacella*, KU-C 670

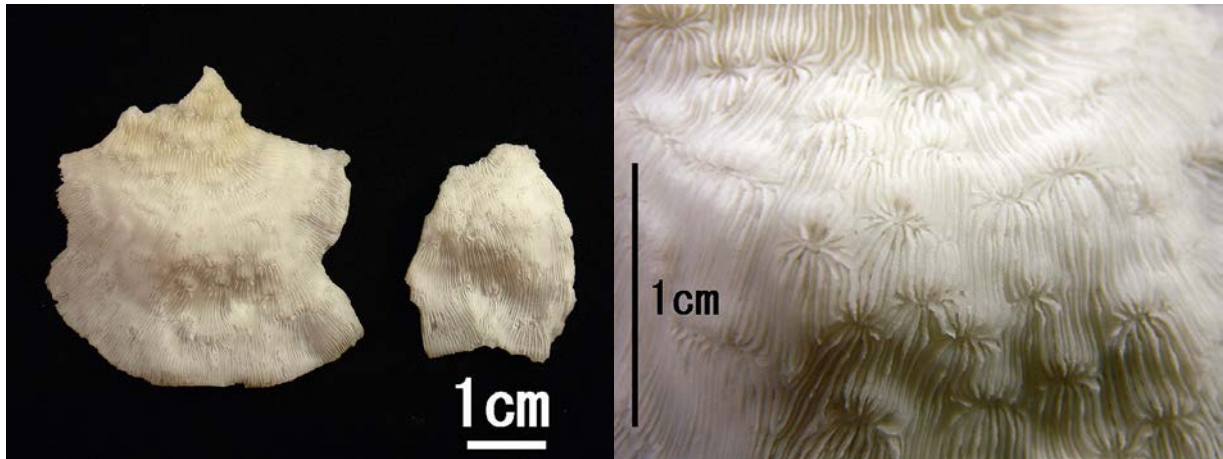
### Agariciidae



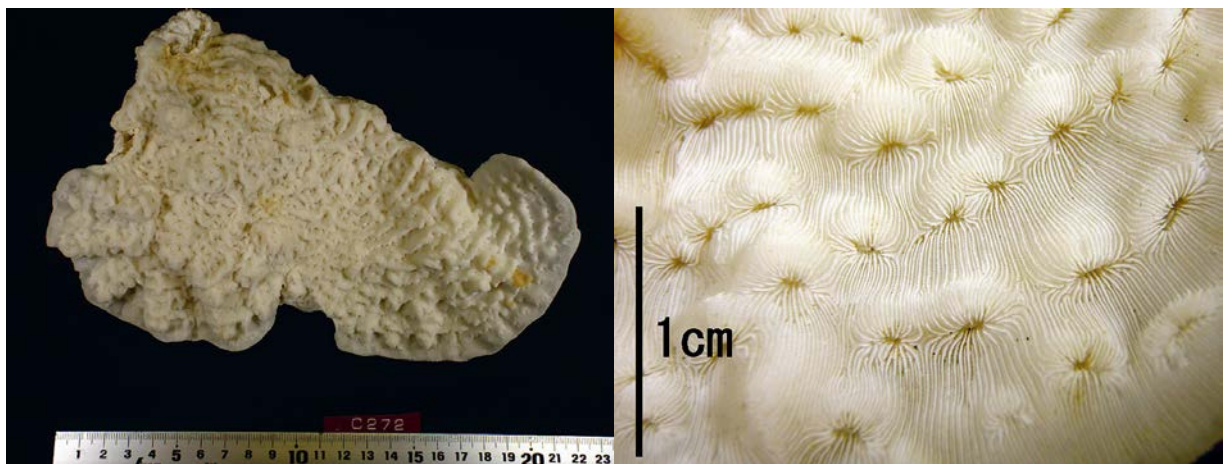
*Coeloseris mayeri*, KU-C 750



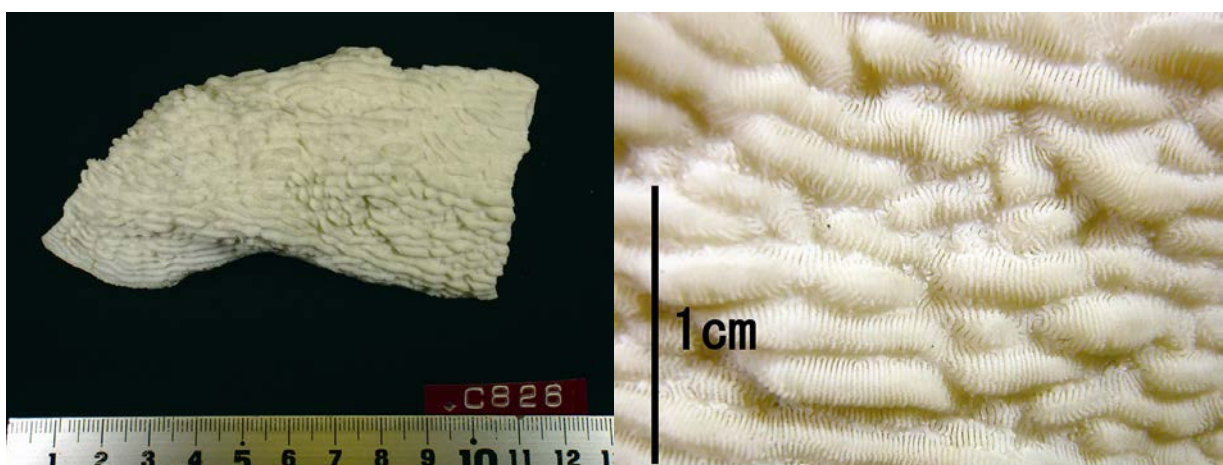
*Gardineroseris planulata*, KU-C 739



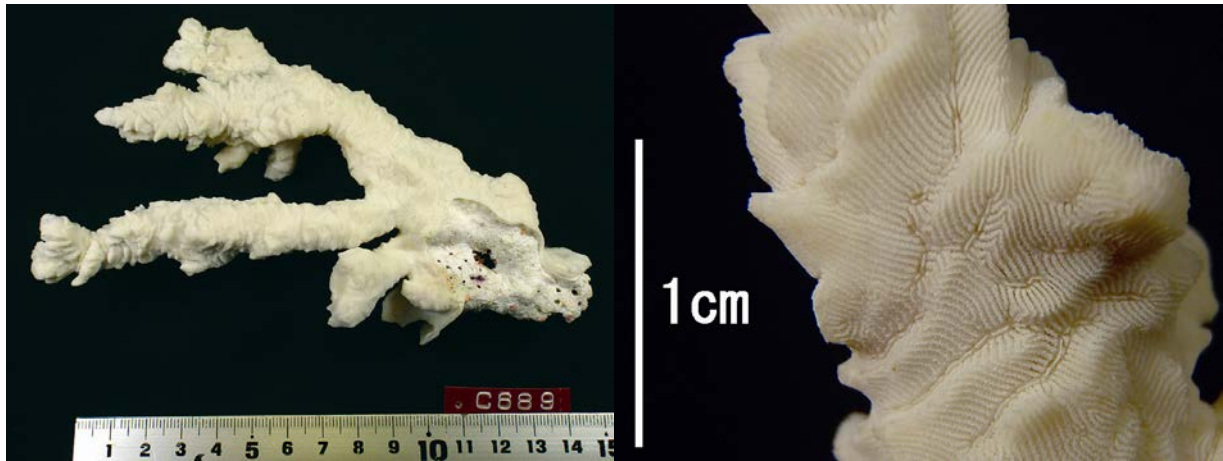
*Leptoseris explanata*, KU-C 1136



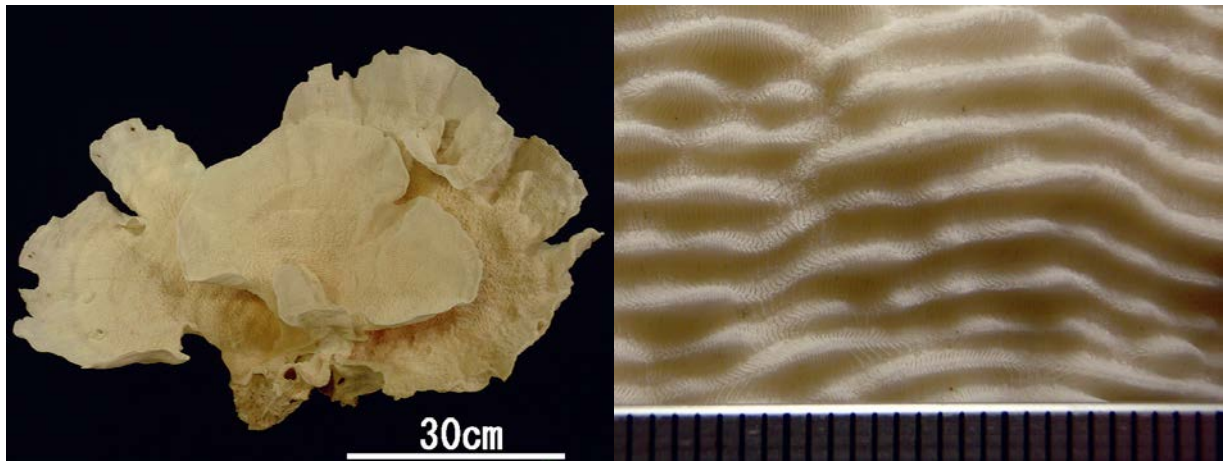
*Leptoseris mycetoseroides*, KU-C 272



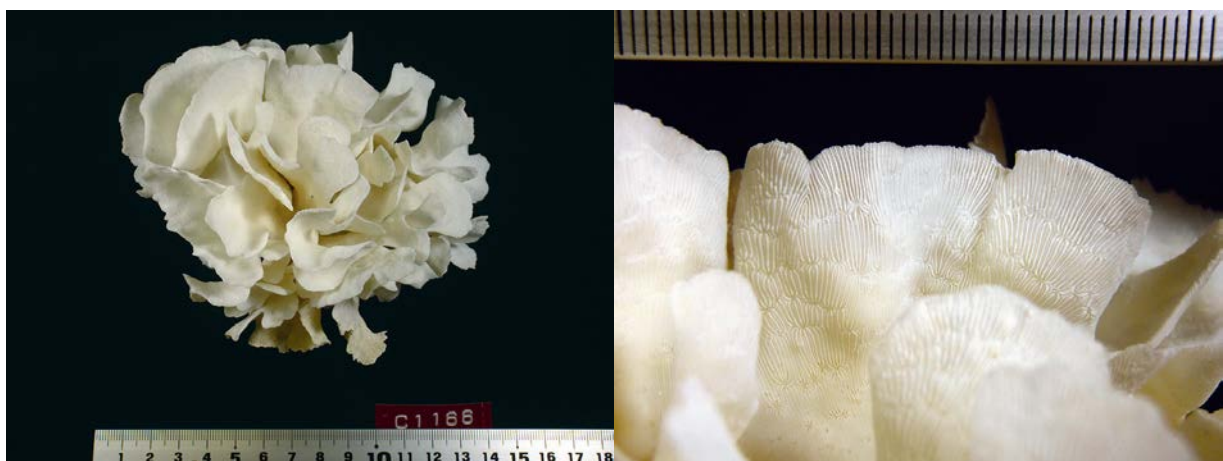
*Pachyseris gemmae*, KU-C 826



*Pachyseris rugosa*, KU-C 689



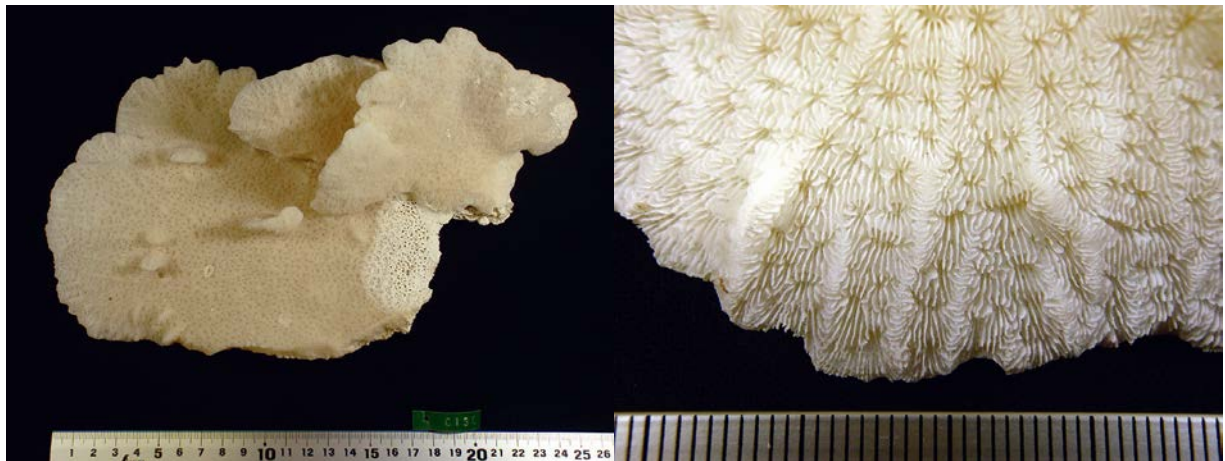
*Pachyseris speciosa*, KU-C 46



*Pavona cactus*, KU-C 1166



*Pavona danai*, KU-C 168



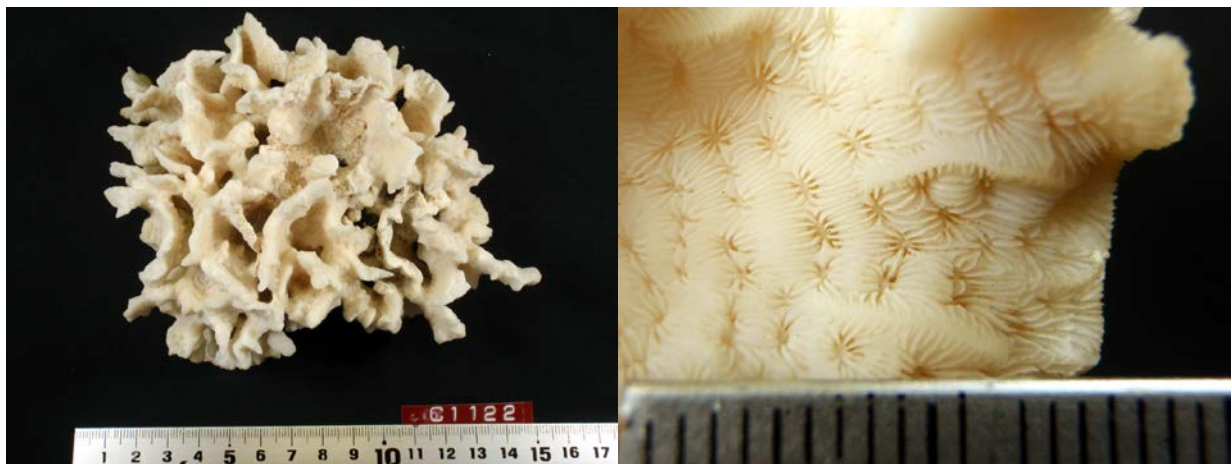
*Pavona decussata*, KU-C 130



*Pavona duerdeni*, KU-C 167



*Pavona explanata*, KU-853



*Pavona frondifera*, KU-1122



*Pavona varians*, KU-C 510



*Pavona venosa*, KU-C 5

### Fungiidae



*Cycloseris costulata*, KU-C 1097



*Cycloseris costulata*, KU-C 1097

*Cycloseris* aff. *somervillei*, KU-C 904



*Cycloseris* aff. *somervillei*, KU-C 904



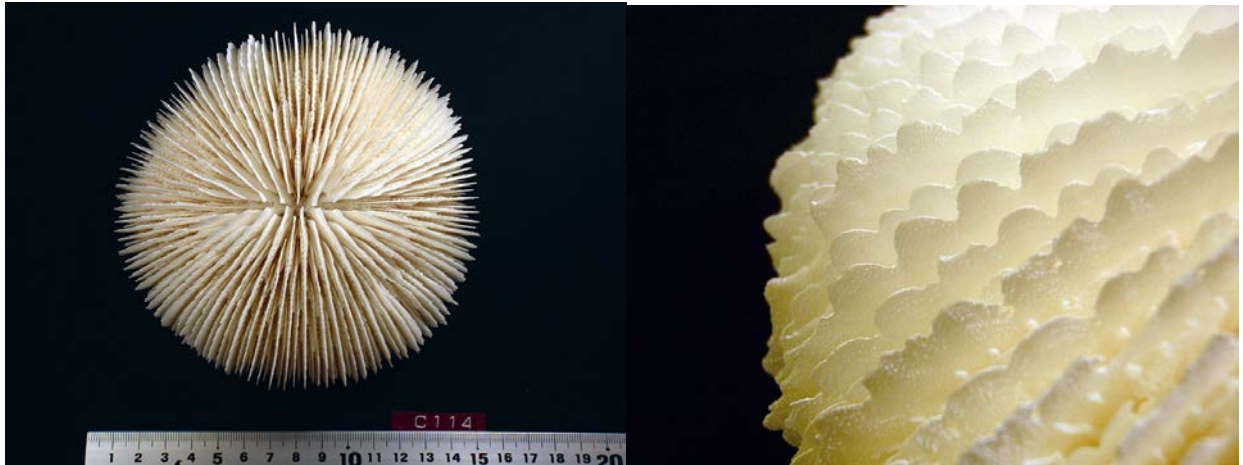
*Cycloseris vaughani*, KU-C 1100



*Cycloseris vaughani*, KU-C 1100



*Ctenactis echinata*, KU-C 115



*Heliofungia actiniformis*, KU-C 114



*Herpolitha limax*, KU-C 764



*Herpolitha weberi*, KU-C 34



*Halomitra pileus*, KU-C 508



*Fungia concinna*, KU-C 925



*Fungia concinna*, KU-C 925

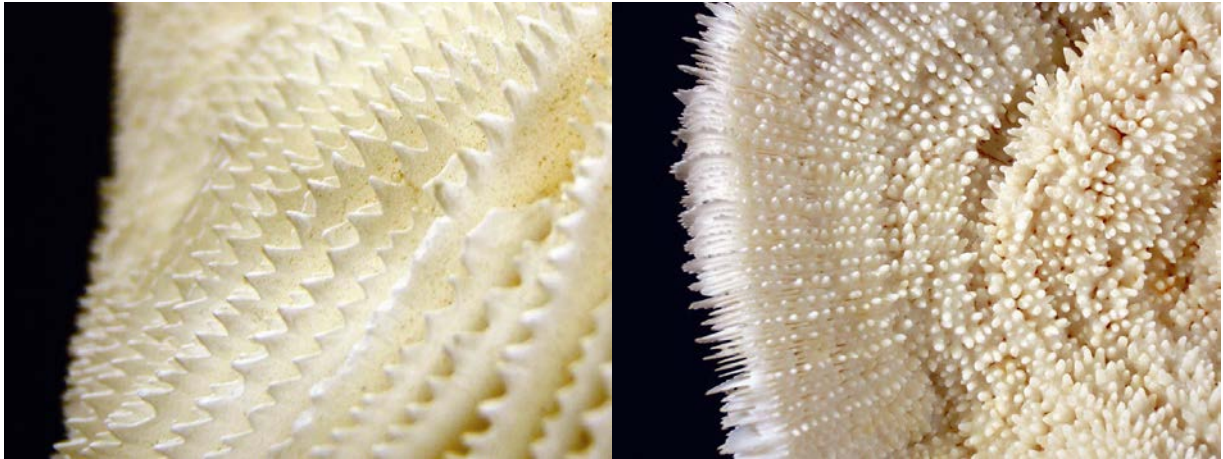


*Fungia danai*, KU-C 722



*Fungia danai*, KU-C 722

*Fungia fungites*, KU-C 124



*Fungia fungites*, KU-C 124



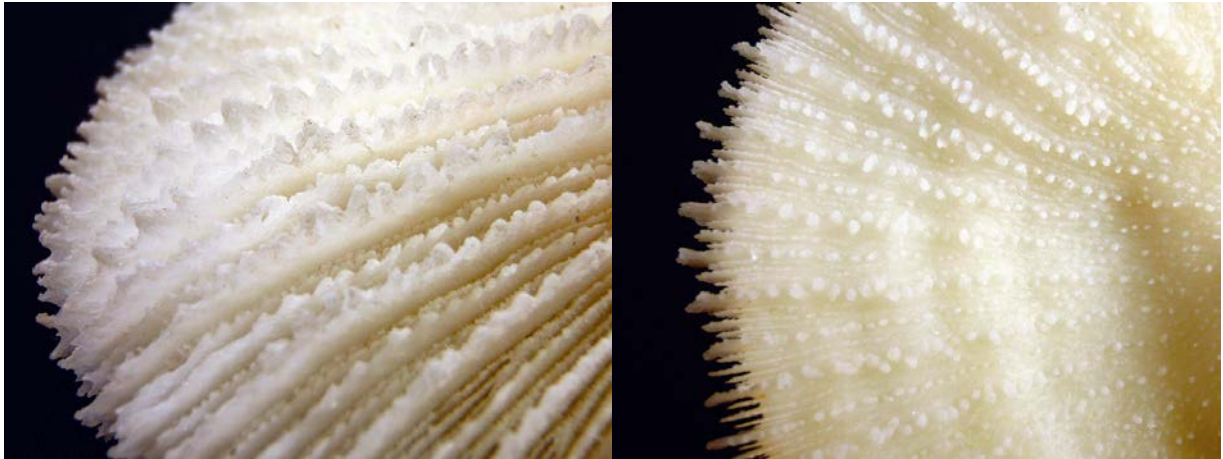
*Fungia granulosa*, KU-C 1198



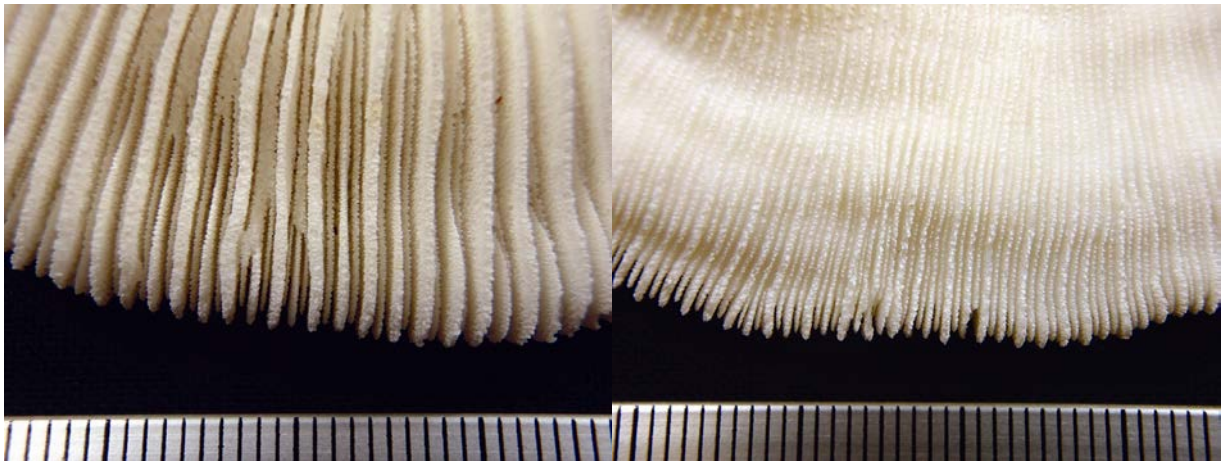
*Fungia granulosa*, KU-C 1198



*Fungia klunzingeri*, KU-C 905



*Fungia klunzingeri*, KU-C 905



*Fungia moluccensis*, KU-C 560



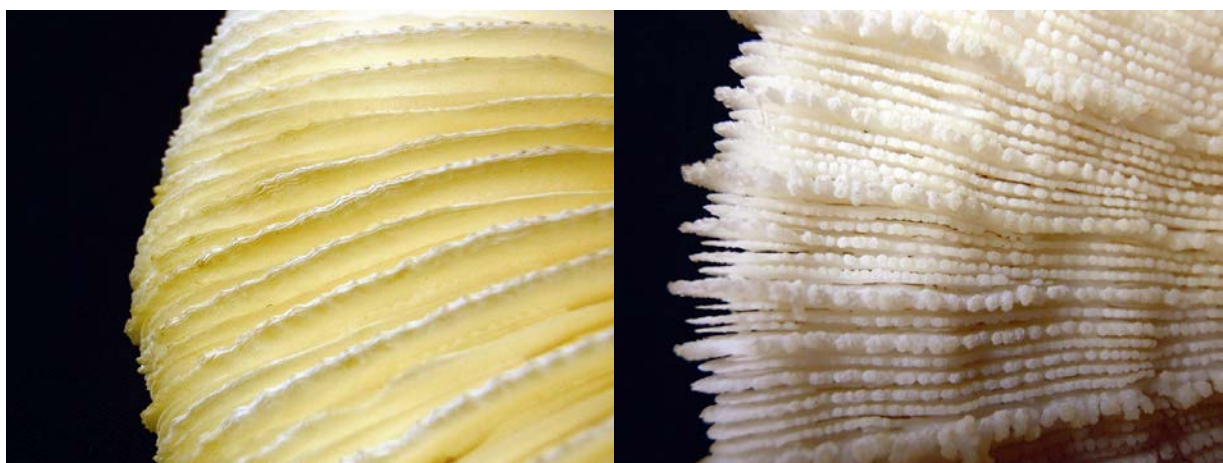
*Fungia paumotensis*, KU-C 784



*Fungia paumotensis*, KU-C 784



*Fungia repanda*, KU-C 129



*Fungia repanda*, KU-C 129



*Fungia scabra*, KU-C 903



*Fungia scabra*, KU-C 903



*Fungia scutaria*, KU-C 687



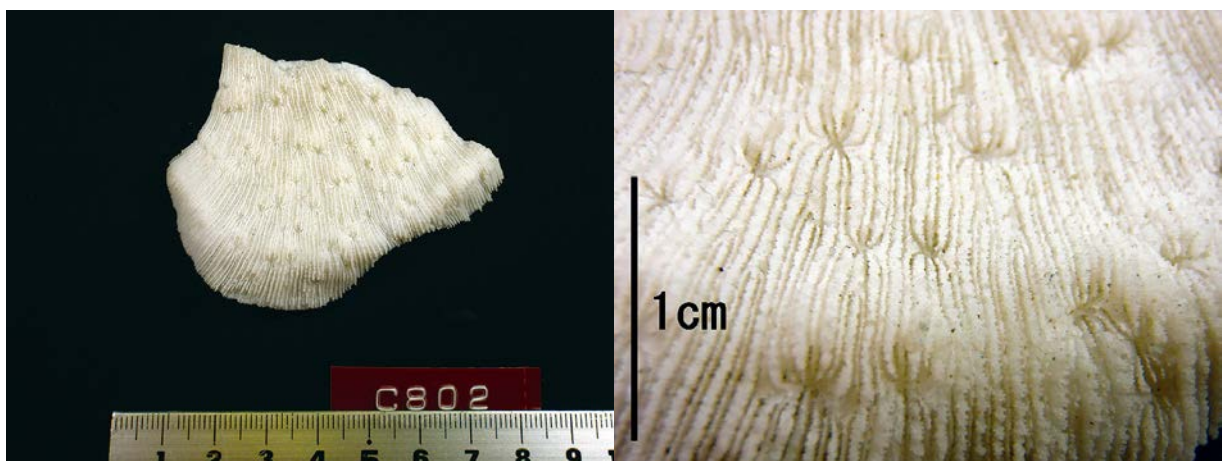
*Fungia scutaria*, KU-C 687



*Lithophyllon lobata*, KU-C 701



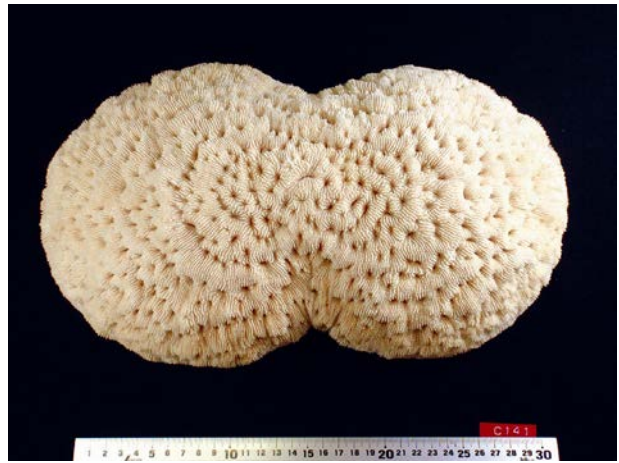
*Podabacia crustacea*, KU-C 501



*Podabacia motuporensis*, KU-C 802



*Polyphyllia talpina*, KU-C 127

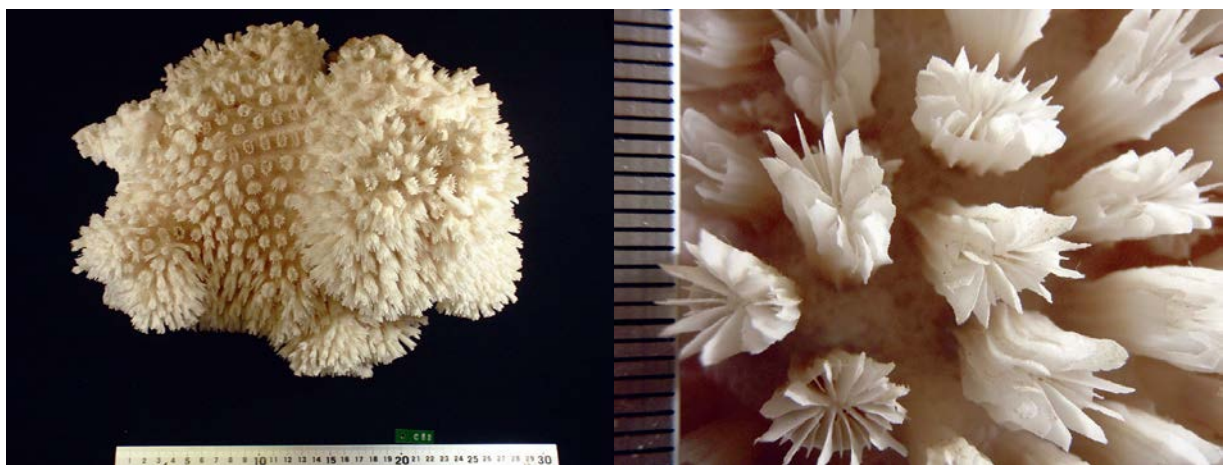


*Sandalolitha robusta*, KU-C 141

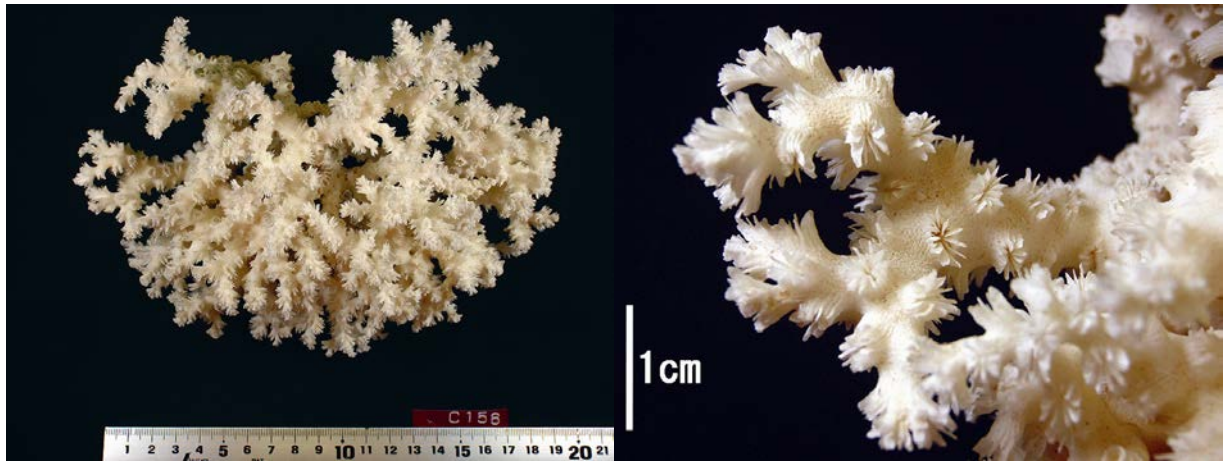


*Zoopilus echinatus*, KU-C 1045

### Oculinidae



*Galaxea fascicularis*, KU-C 52



*Galaxea horrescens*, KU-C 156

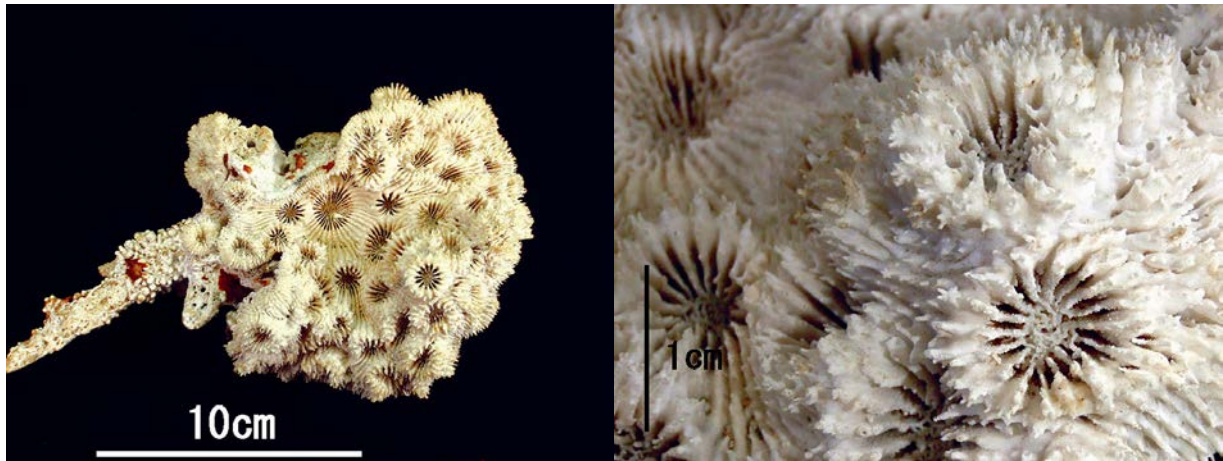
### Pectiniidae



*Echinomorpha nishihirai*, KU-C 54



*Echinophyllia aspera*, KU-C 181



*Echinophyllia orpheensis*, KU-C 1039



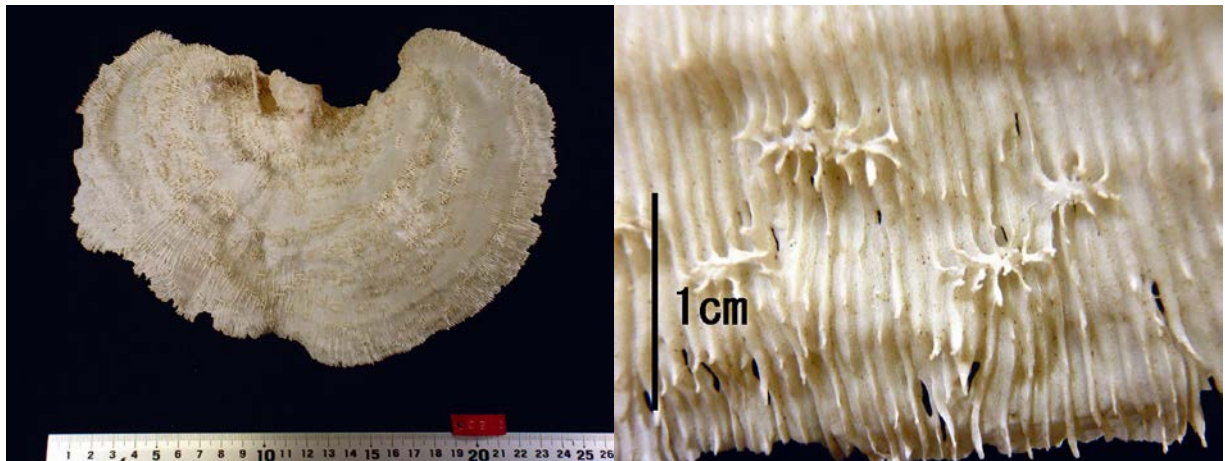
*Mycedium elephantotus*, KU-C 512



*Mycedium elephantotus*, KU-C 147



*Oxypora* cf. *glabra*, KU-C 243



*Oxypora lacera*, KU-C 203



*Pectinia alcicornis*, KU-C 109



*Pectinia lactuca*, KU-C 1047

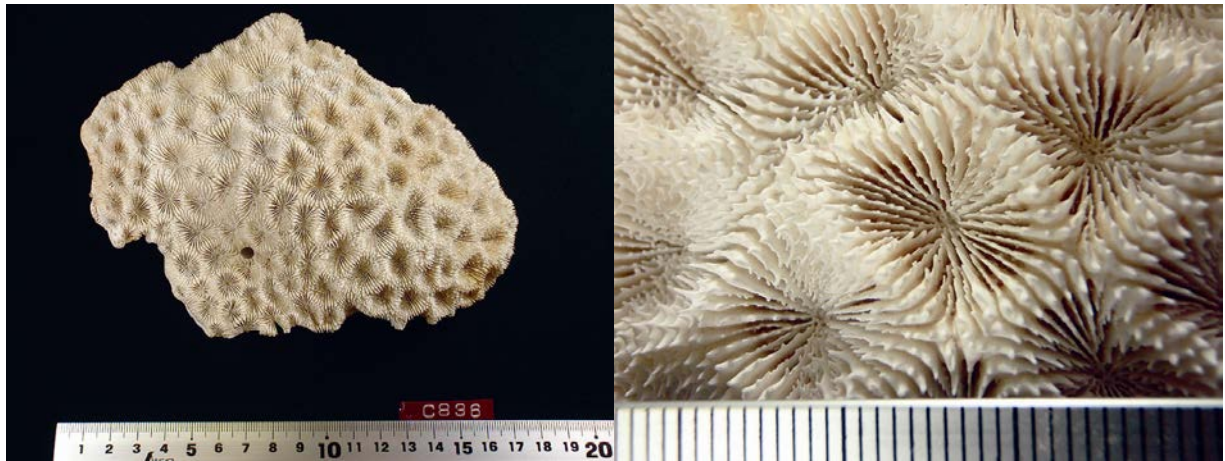


*Pectinia paeonia*, KU-C 969

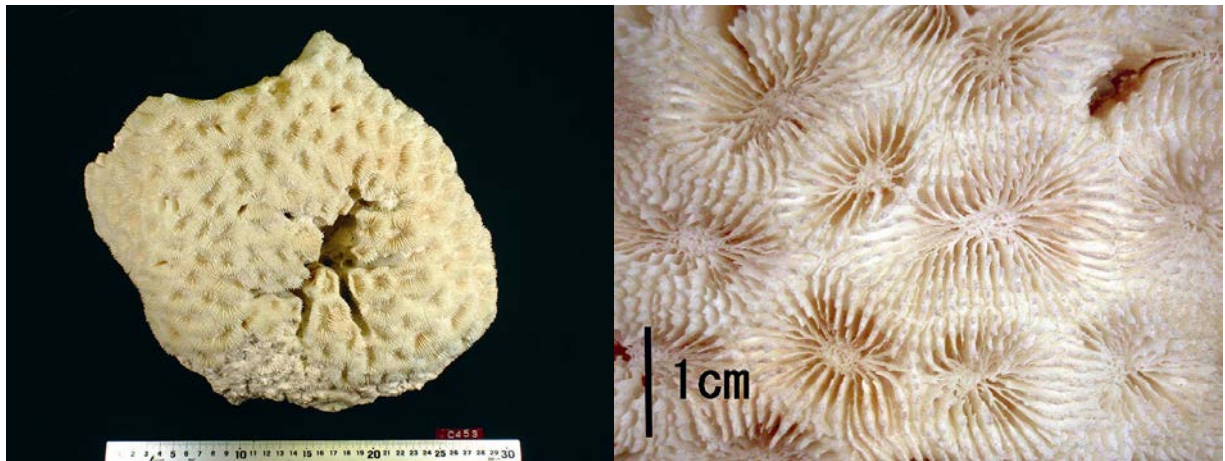
### Mussidae



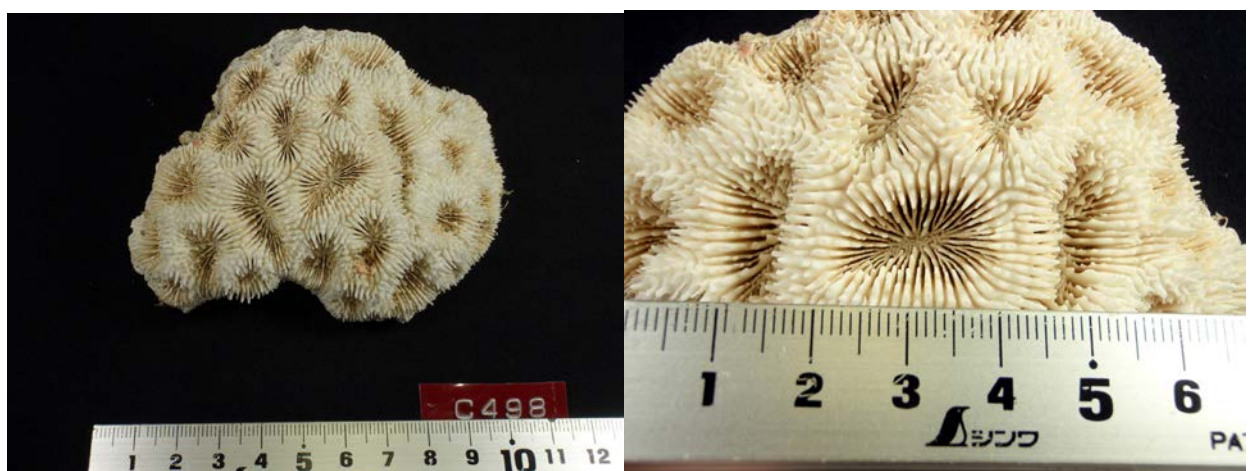
*Acanthastrea* aff. *brevis*, KU-C 682



*Acanthastrea hemprichii*, KU-C 836



*Acanthastrea ishigakiensis*, KU-C 453



*Acanthastrea* sp., KU-C 498



*Australomussa rowleyensis*, KU-C 443



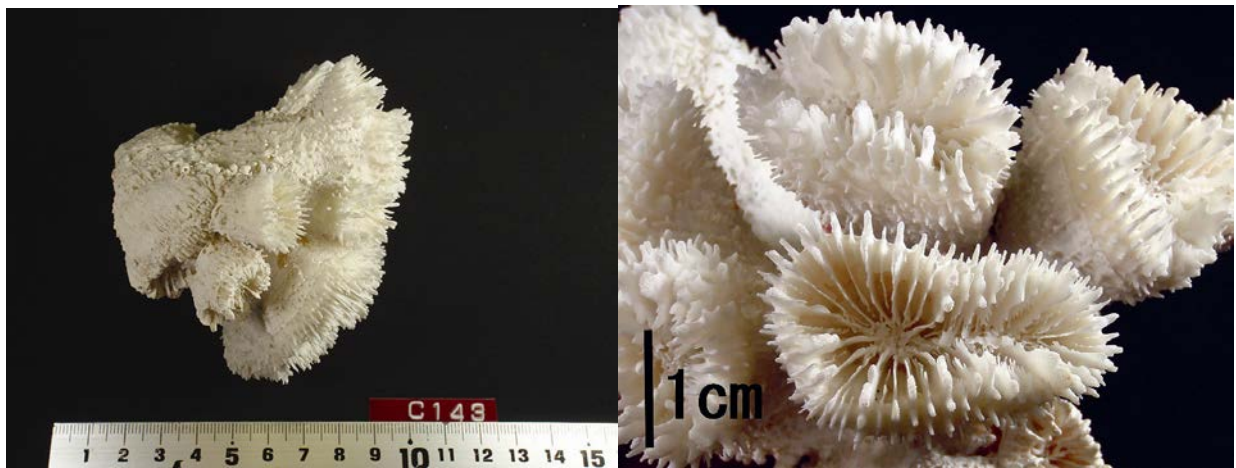
*Blastomussa merleti*, KU-C 1090



*Lobophyllia corymbosa*, KU-C 10



*Lobophyllia hemprichii*, KU-C 448



*Lobophyllia pachysepta*, KU-C 143



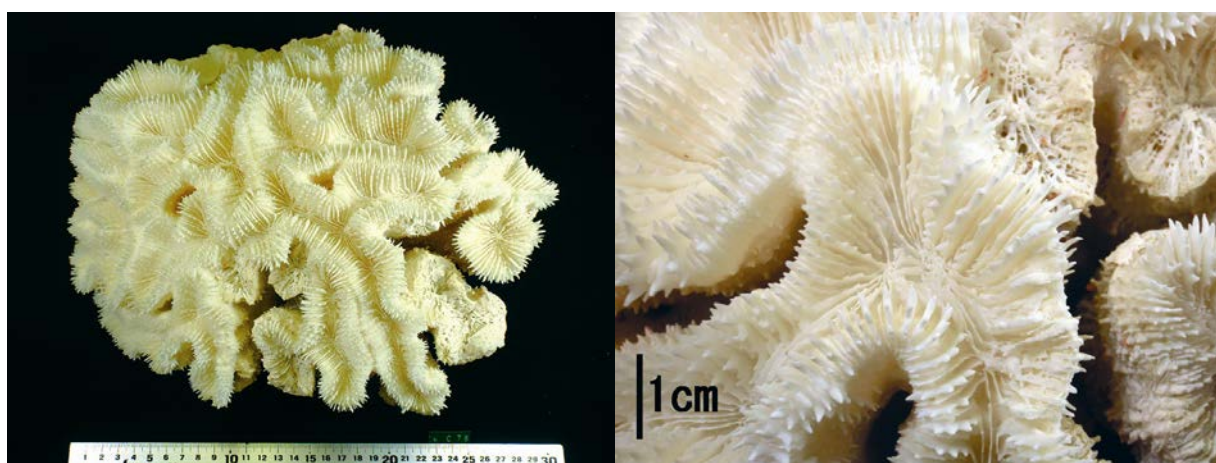
*Lobophyllia* sp, KU-C 86



*Parascolymia vitiensis*, KU-C 815



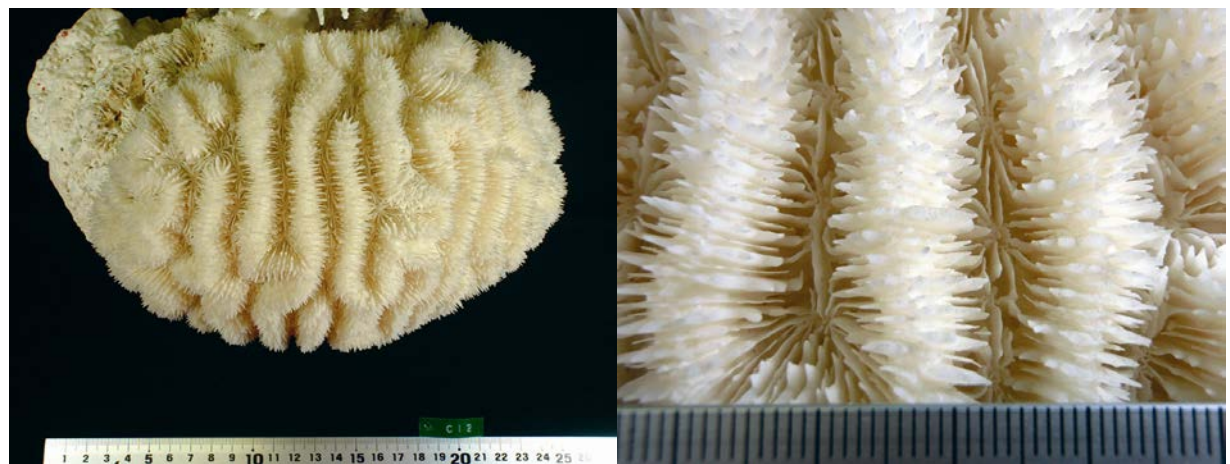
*Symphyllia agaricia*, KU-C 1015



*Symphyllia agaricia*, KU-C 78



*Symphyllia radians*, KU-C 840



*Symphyllia recta*, KU-C 12

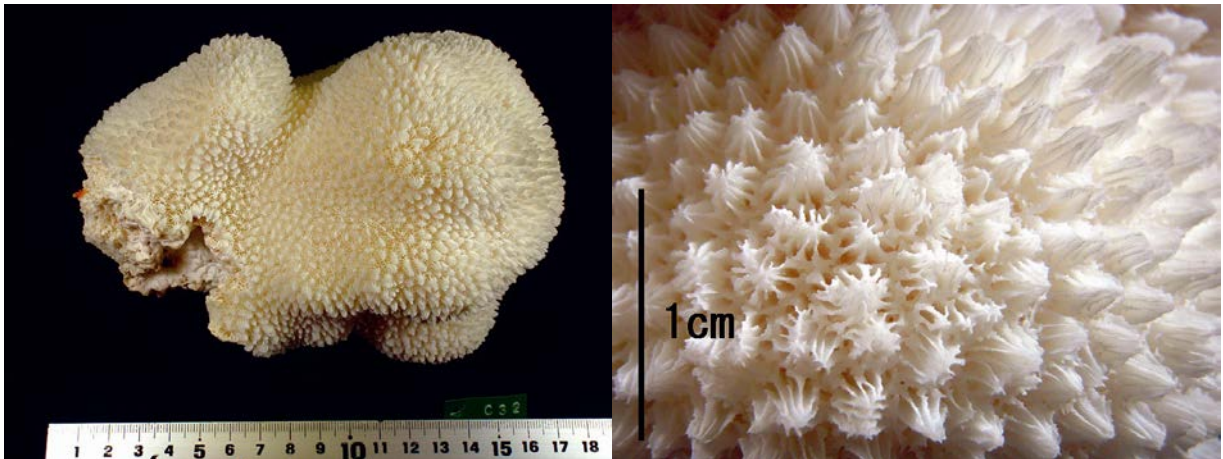


*Symphyllia valenciennesii*, KU-C 439

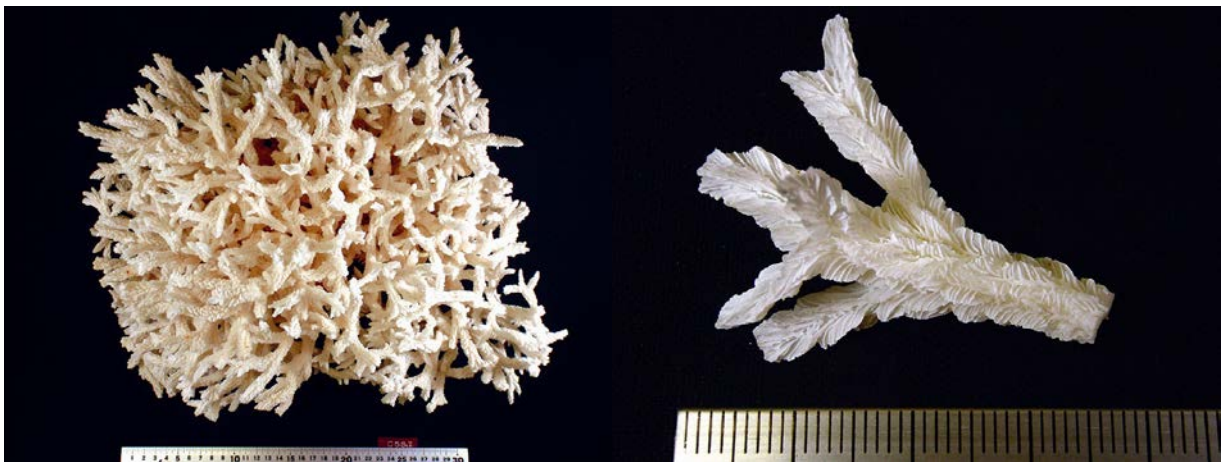
**Merulinidae**



*Hydonophora exesa*, KU-C 511



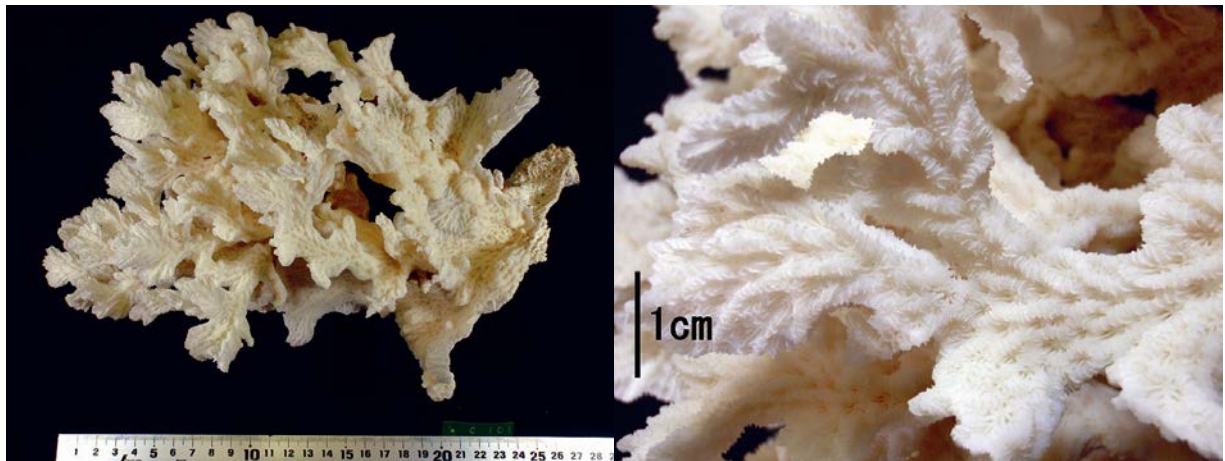
*Hydnophora microconos*, KU-C 32



*Hydnophora rigida*, KU-C 567

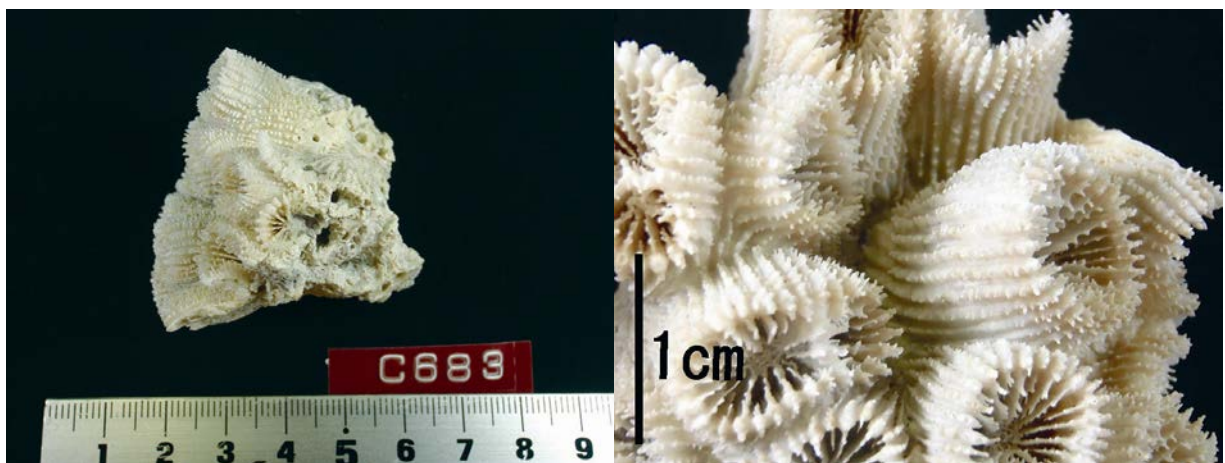


*Merulina ampliata*, KU-C 1077

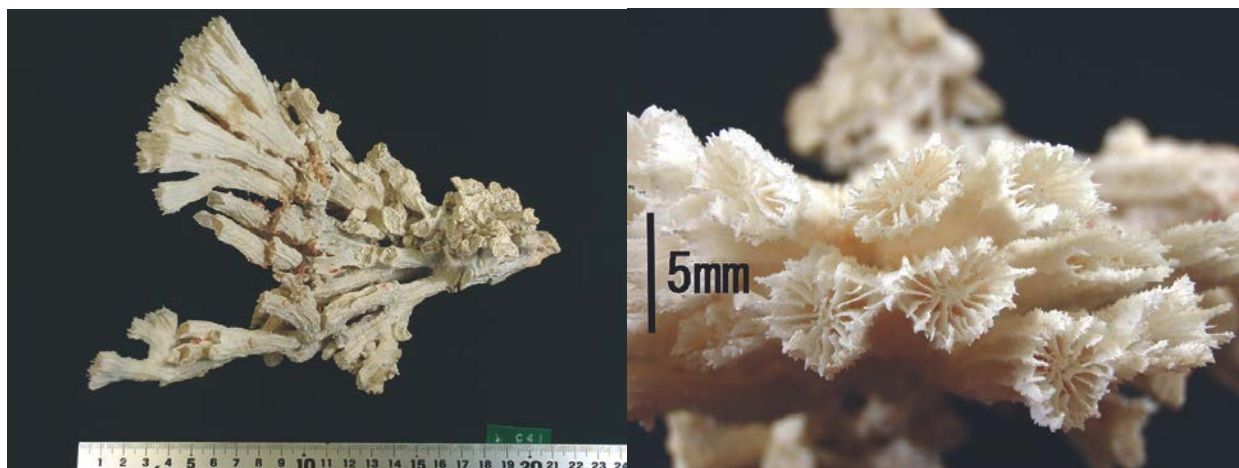


*Merulina scabricula*, KU-C 101

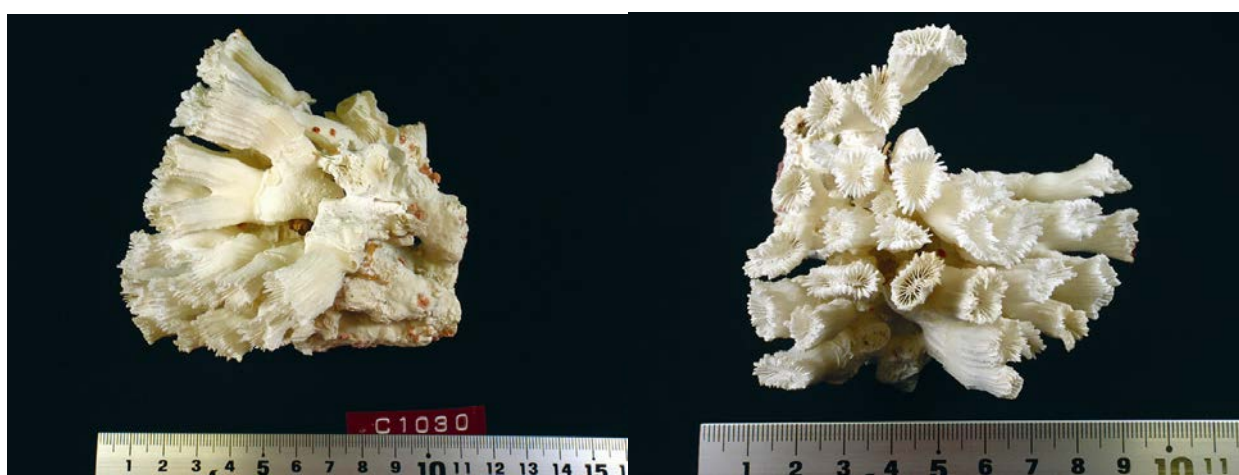
### Faviidae



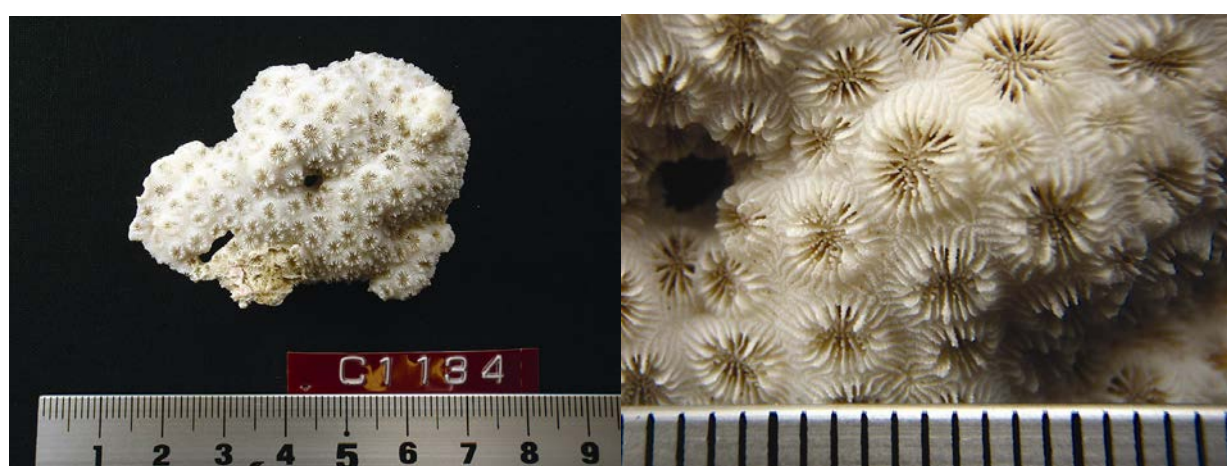
*Barabattoia amicorum*, KU-C 683



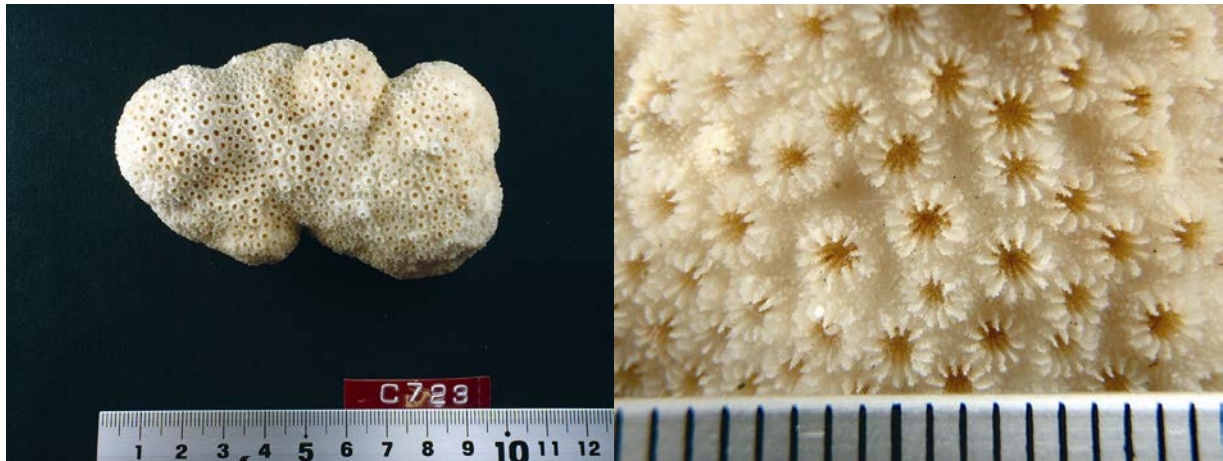
*Caulastraea furcata*, KU-C 41



*Caulastraea furcata*, KU-C 1030



*Cyphastrea agassizi*, KU-C 1134



*Cyphastrea chalcidicum*, KU-C 723



*Cyphastrea decadia*, KU-C 139



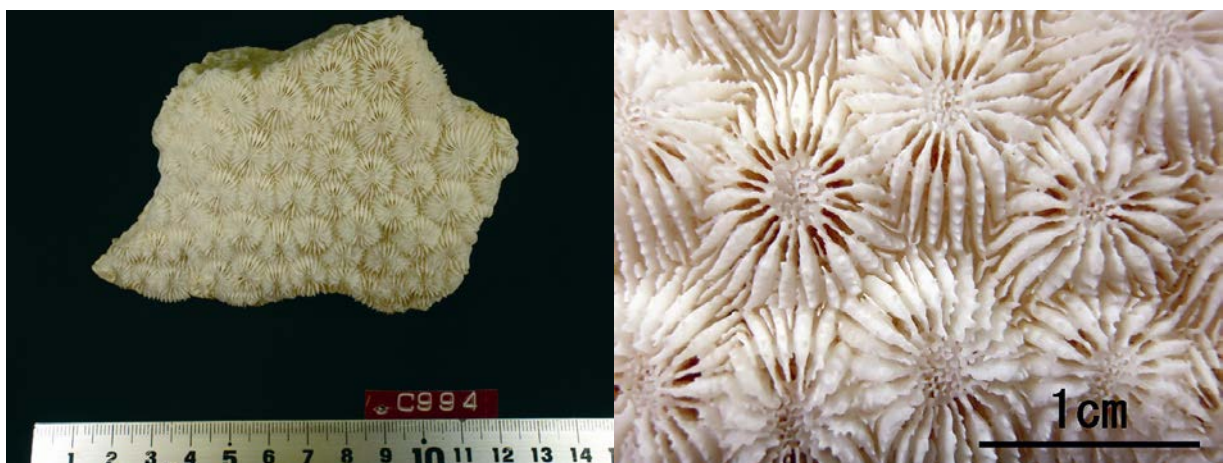
*Cyphastrea microphthalma*, KU-C 1035



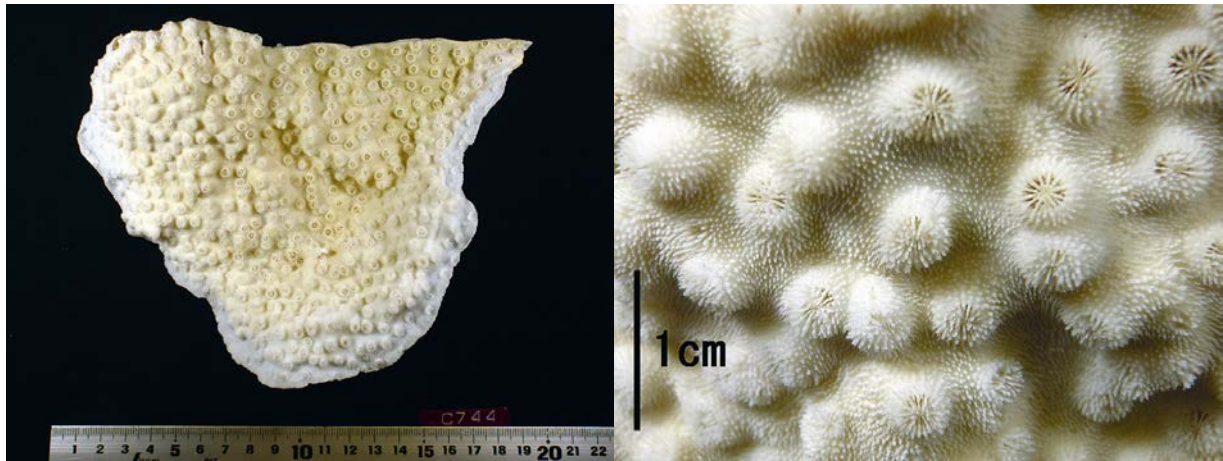
*Cyphastrea ocellina*, KU-C 808



*Cyphastrea serailia*, KU-C 597



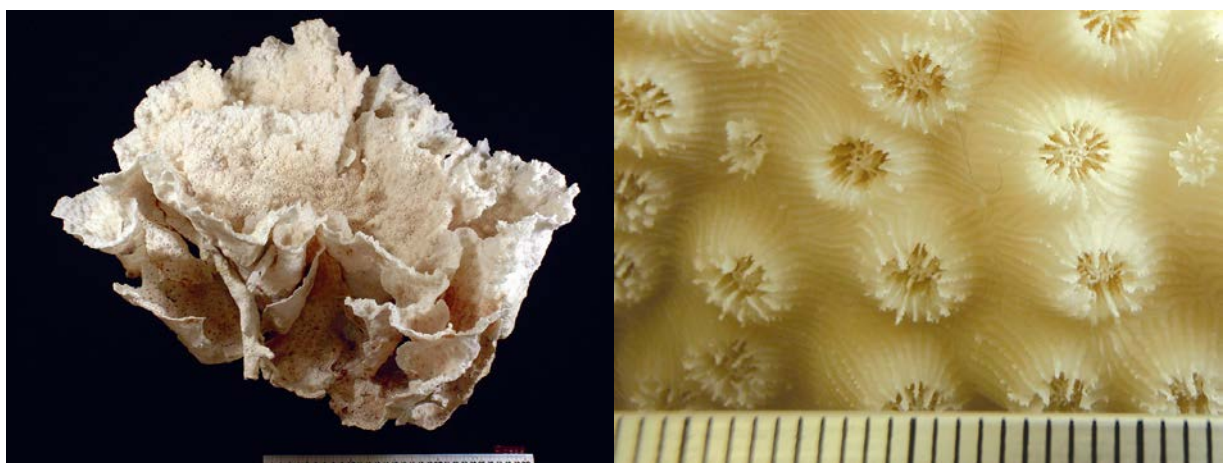
*Diploastrea heliopora*, KU-C 994



*Echinopora gammacea*, KU-C 744



*Echinopora lamellosa*, KU-C 481



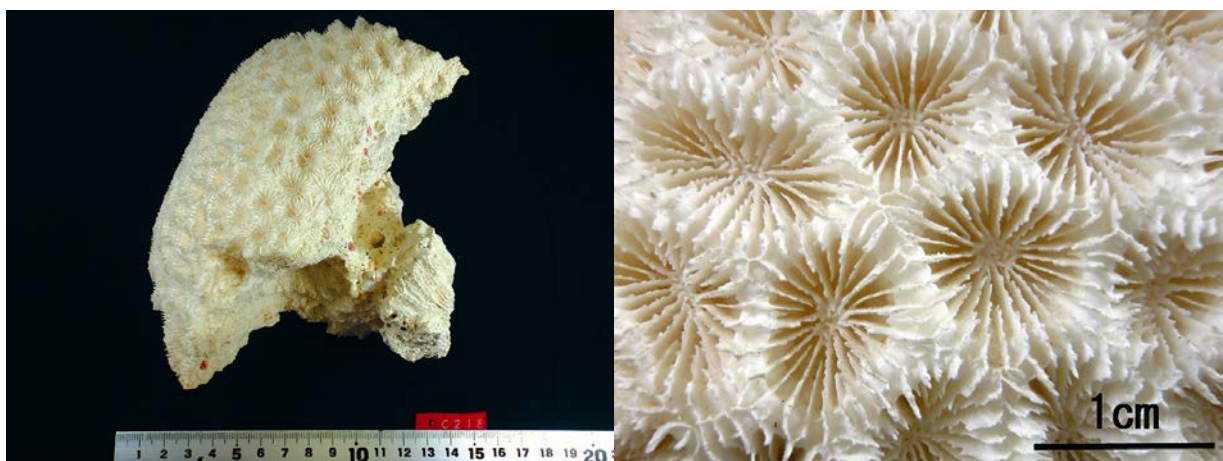
*Echinopora mammiformis*, KU-C 594



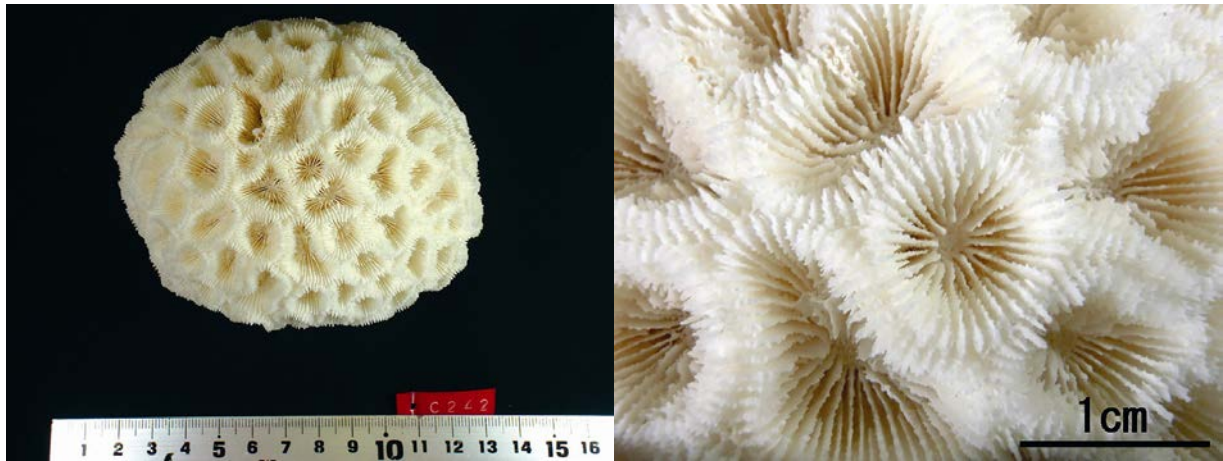
*Echinopora pacificus*, KU-C 777



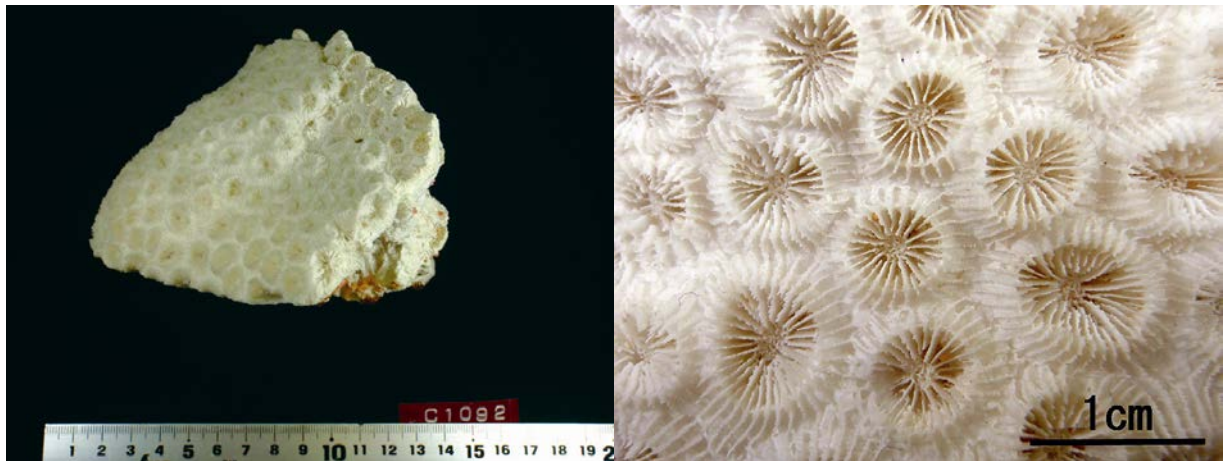
*Favia danae*, KU-C 73



*Favia fava*, KU-C 218



*Favia fava*, KU-C 242



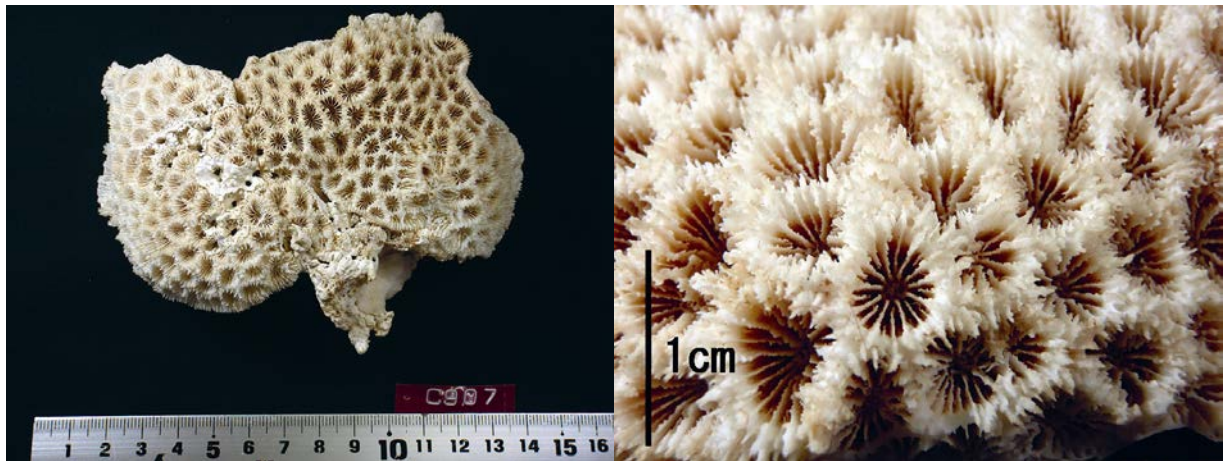
*Favia laxa*, KU-C 1092



*Favia matthaii*, KU-C 507



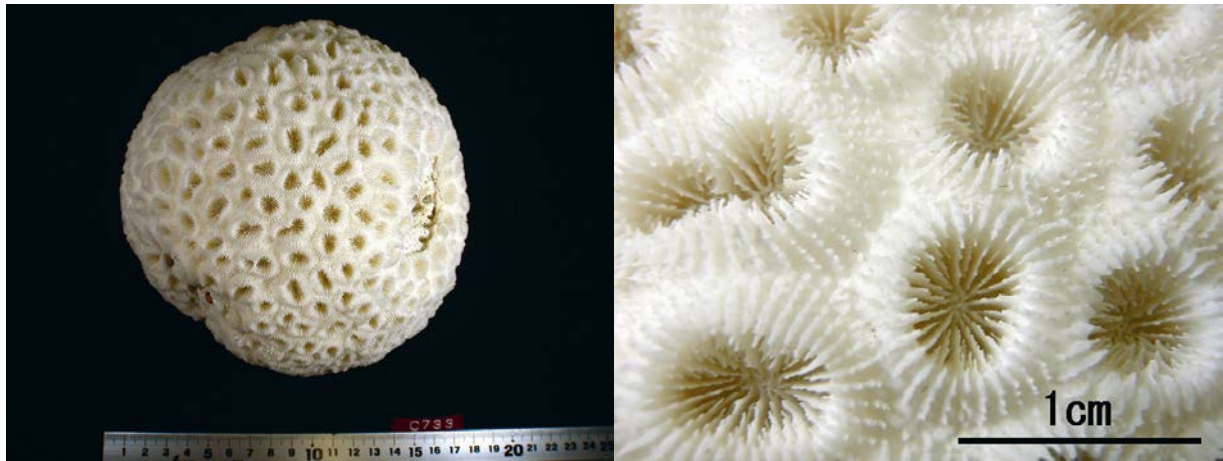
*Favia pallida*, KU-C 20



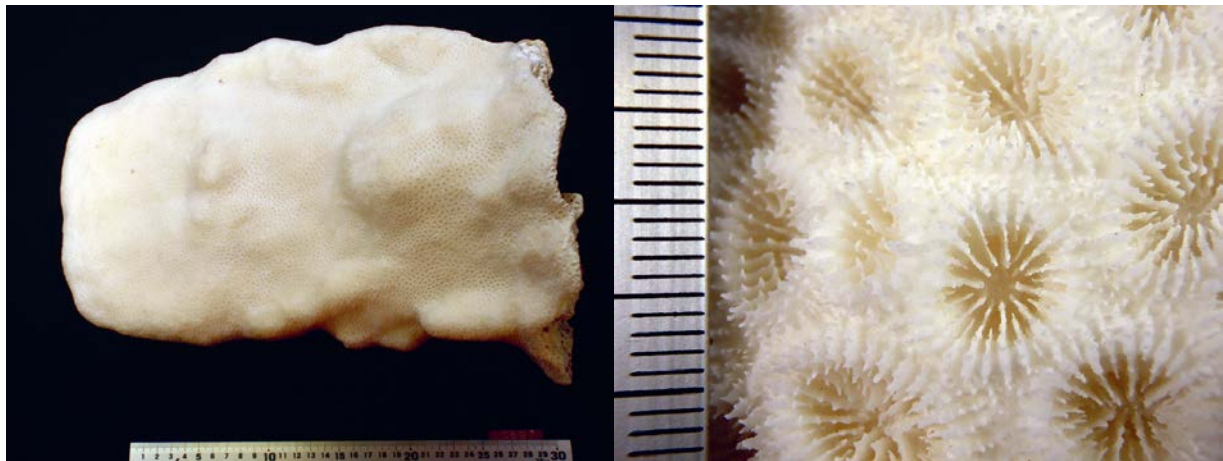
*Favia rotumana*, KU-C 907



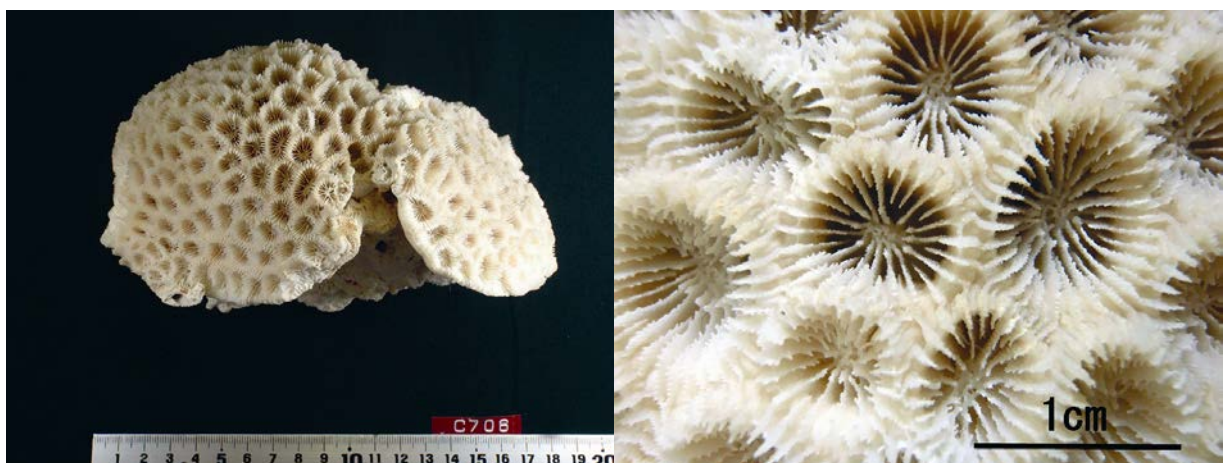
*Favia rotundata*, KU-C 806



*Favia speciosa*, KU-C 733



*Favia stelligera*, KU-C 527



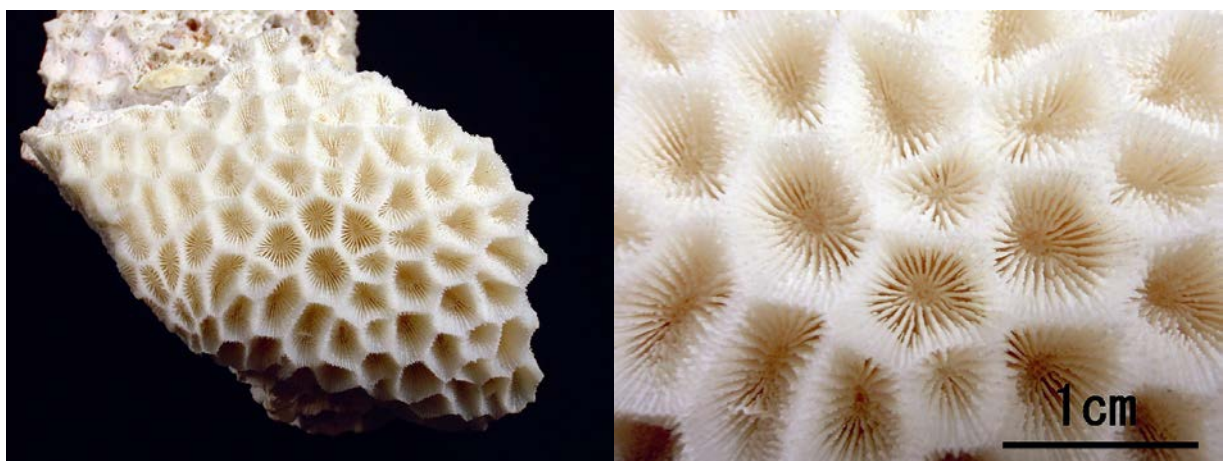
*Favia truncatus*, KU-C 706



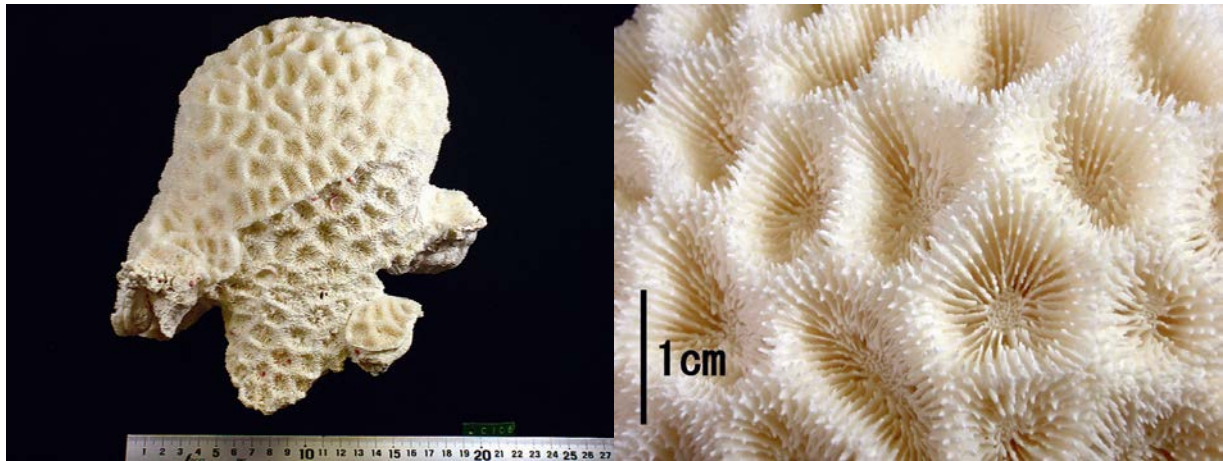
*Favites abdita*, KU-C 240



*Favites chinensis*, KU-C 4



*Favites* aff. *chinensis*, KU-C 710



*Favites* aff. *flexuosa*, KU-C 106



*Favites* *halicora*, KU-C 816



*Favites* *styliifera*, KU-C 8



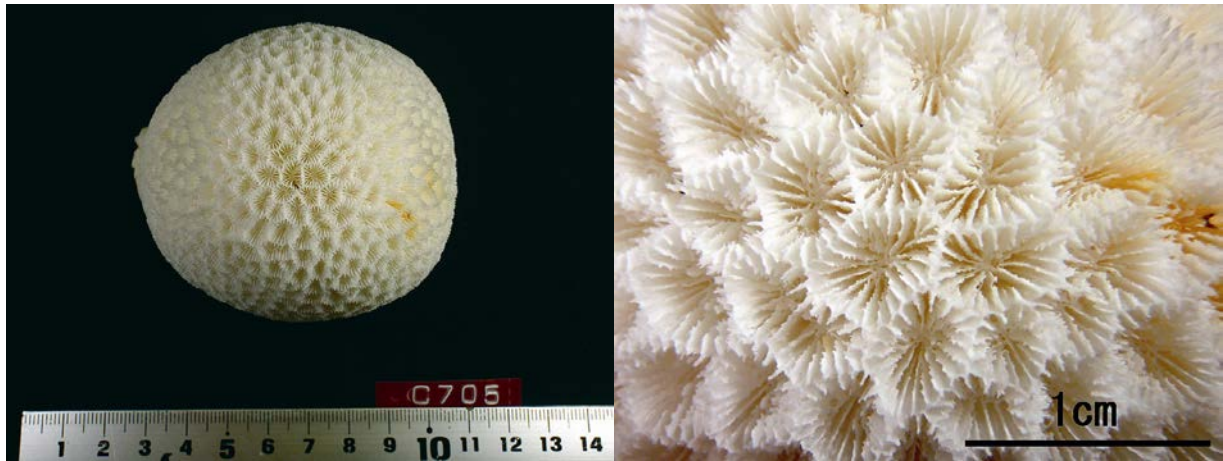
*Goniastrea aspera*, KU-C 229



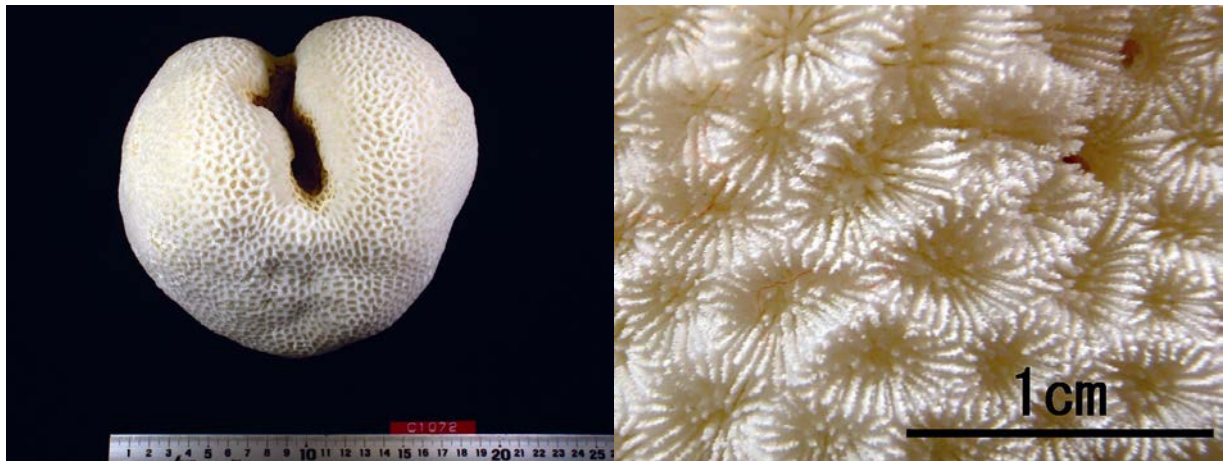
*Goniastrea aspera*, KU-C 1071



*Goniastrea australensis*, KU-C 627



*Goniastrea edwardsi*, KU-C 705



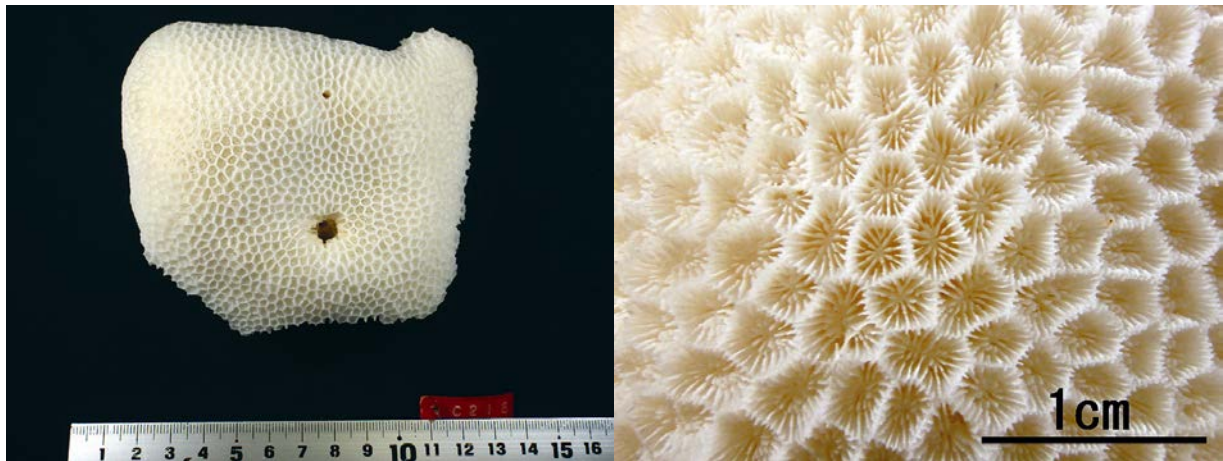
*Goniastrea edwardsi*, KU-C 1072



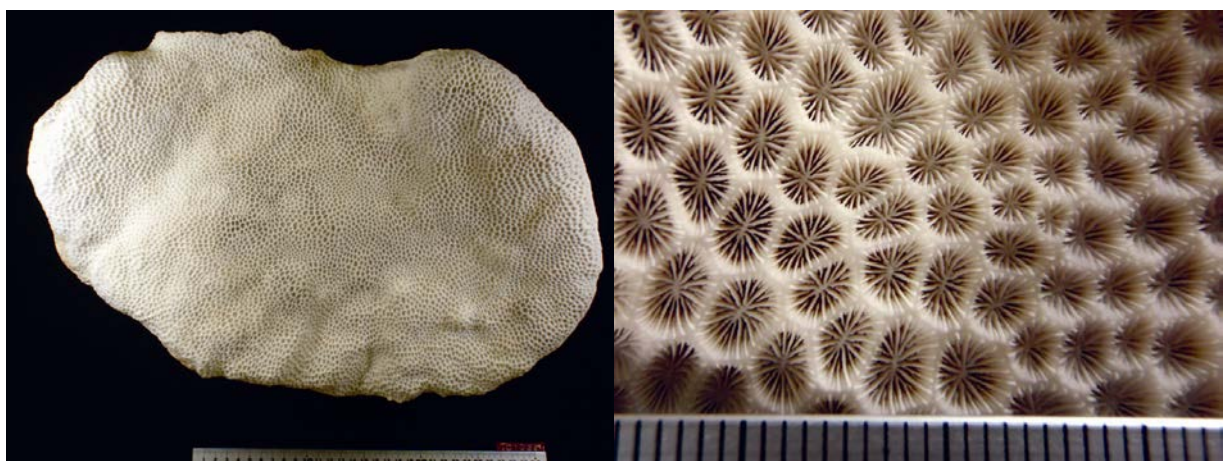
*Goniastreai favulus*, KU-C 1074



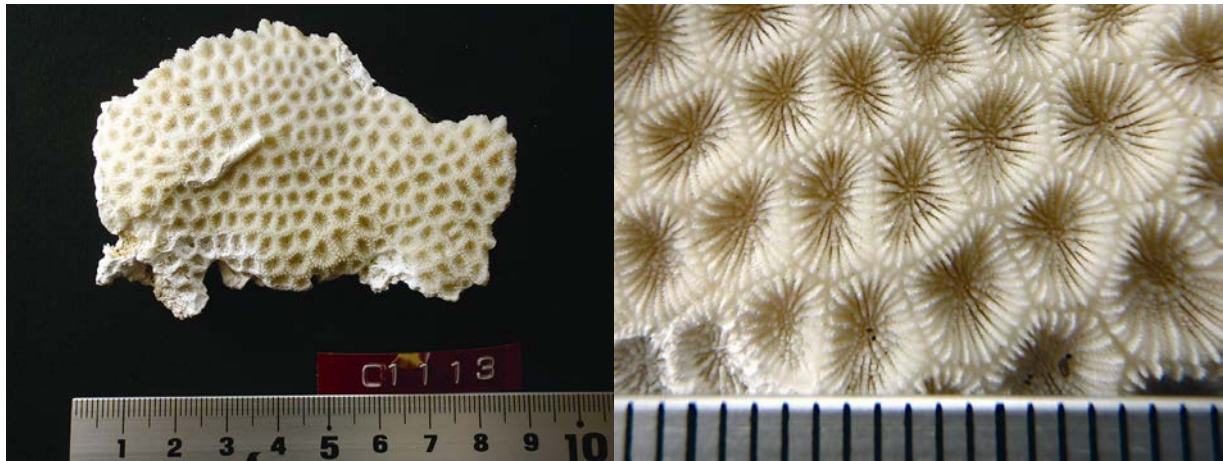
*Goniastrea pectinata*, KU-C 1073



*Goniastrea retiformis*, KU-C 216



*Leptastrea pruinosa*, KU-C 1032



*Leptastrea purpurea*, KU-C 1113



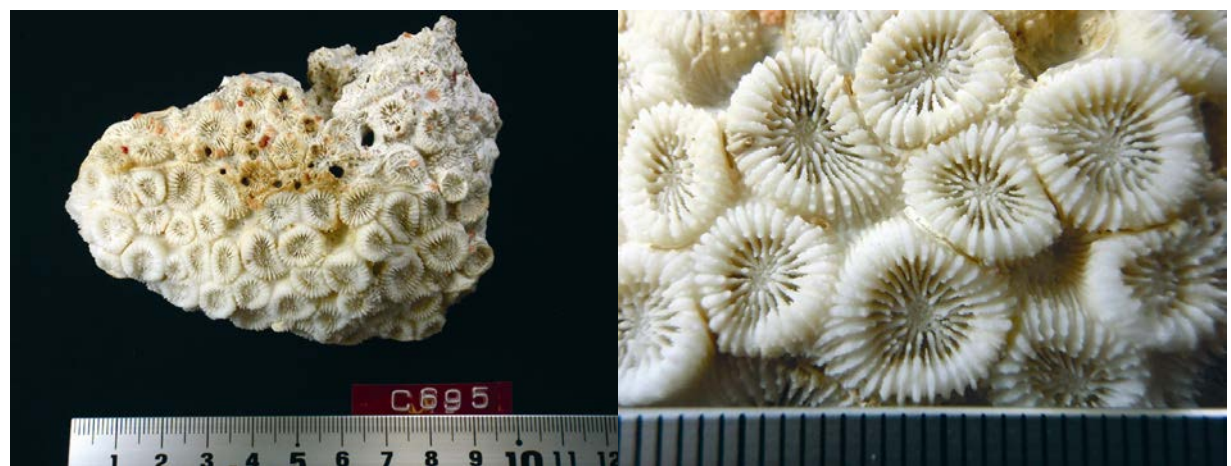
*Leptastrea transversa*, KU-C 730



*Leptoria phrygia*, KU-C 709



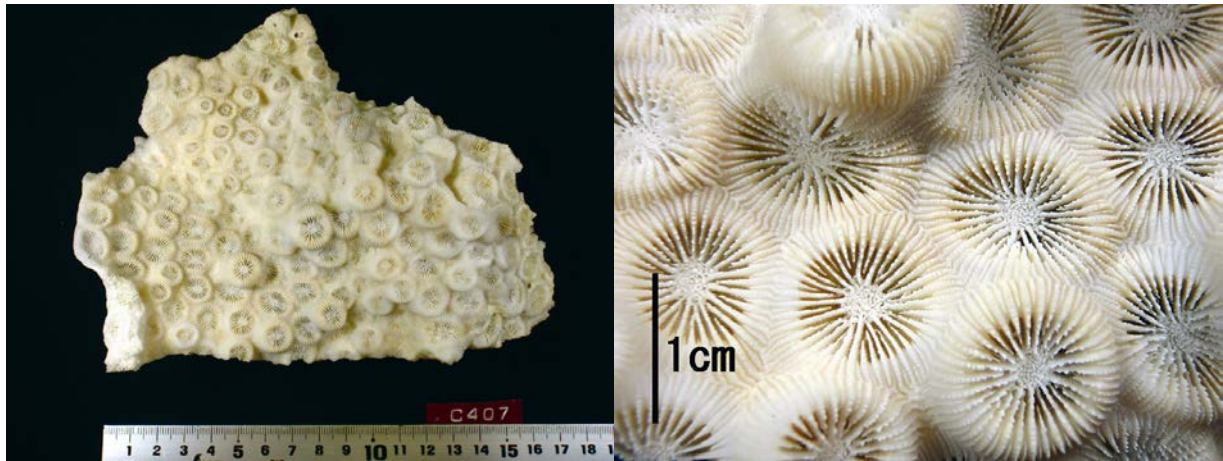
*Leptoria irregularis*, KU-C 492



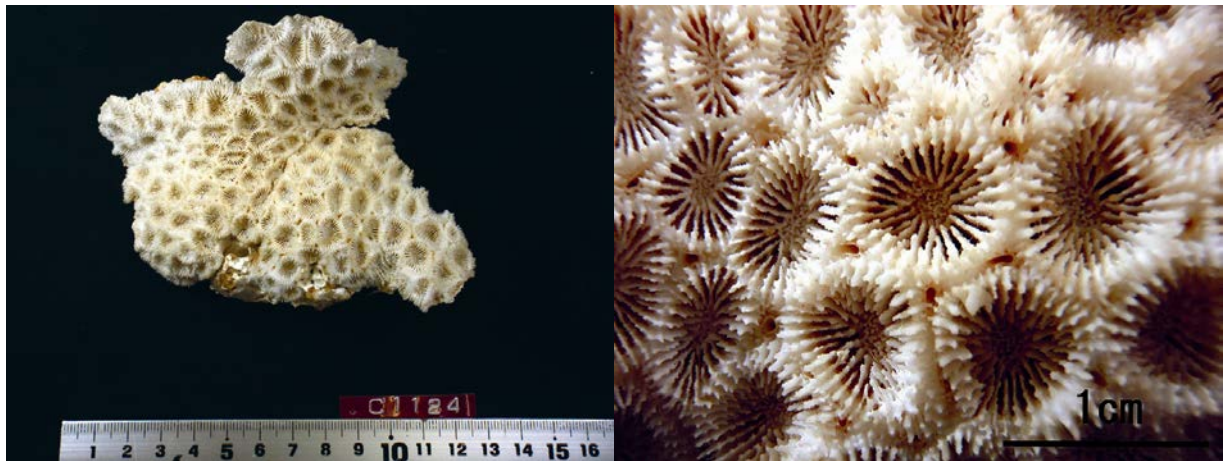
*Montastarea annuligera*, KU-C 695



*Montastraea curta*, KU-C 219



*Montastraea magnistellata*, KU-C 407



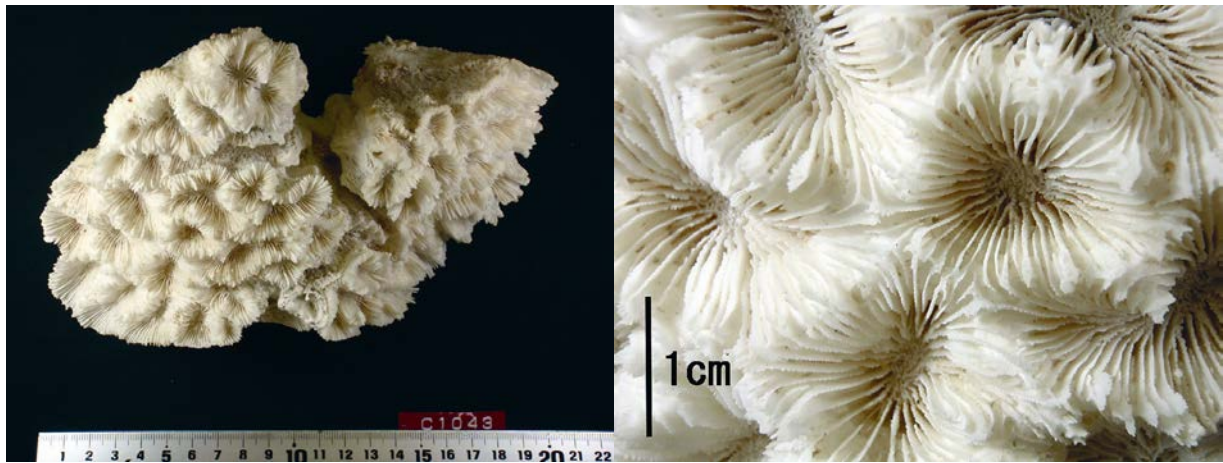
*Montastraea valenciennesi*, KU-C 1124



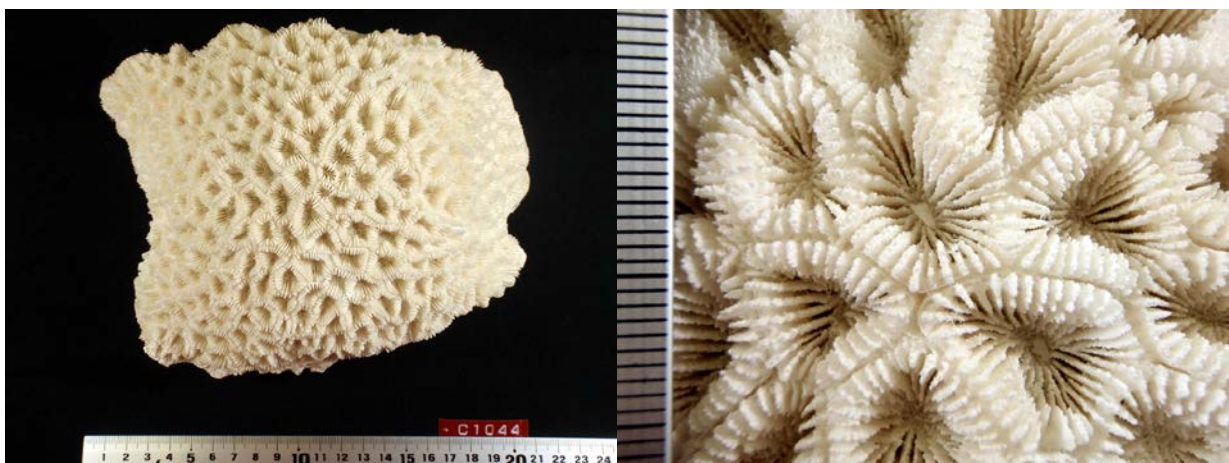
*Montastraea* aff. *valenciennesi*, KU-C 500



*Montastraea salebrosa*, KU-C 1036



*Oulophyllia bennettiae*, KU-C 1043



*Oulophyllia* aff. *bennettiae*, KU-C 1044



*Oulophyllia crista*, KU-C 734



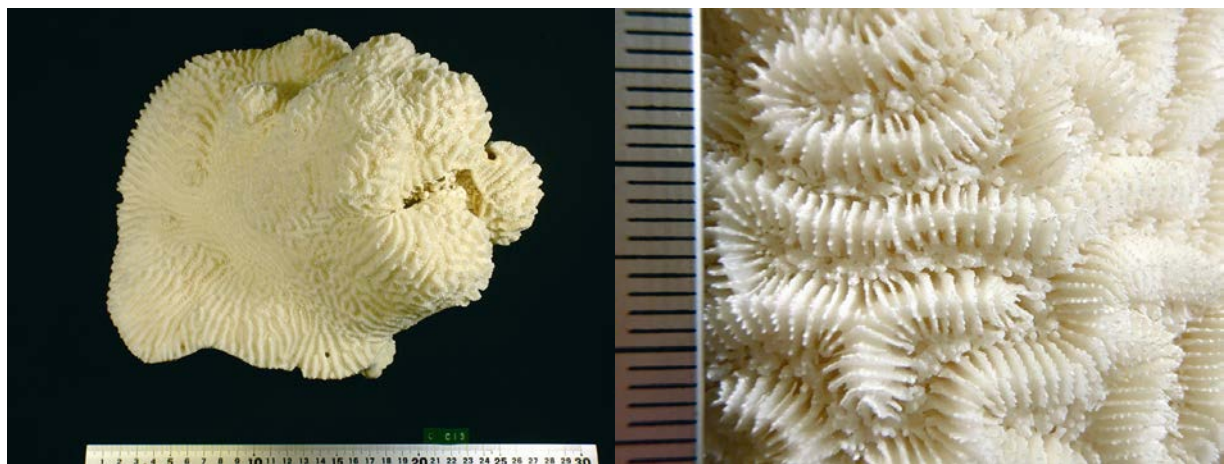
*Oulastrea crispata*, KU-C 1037



*Platygyra contorta*, KU-C 966



*Platygyra daedalea*, KU-C 17



*Platygyra lamellina*, KU-C 13



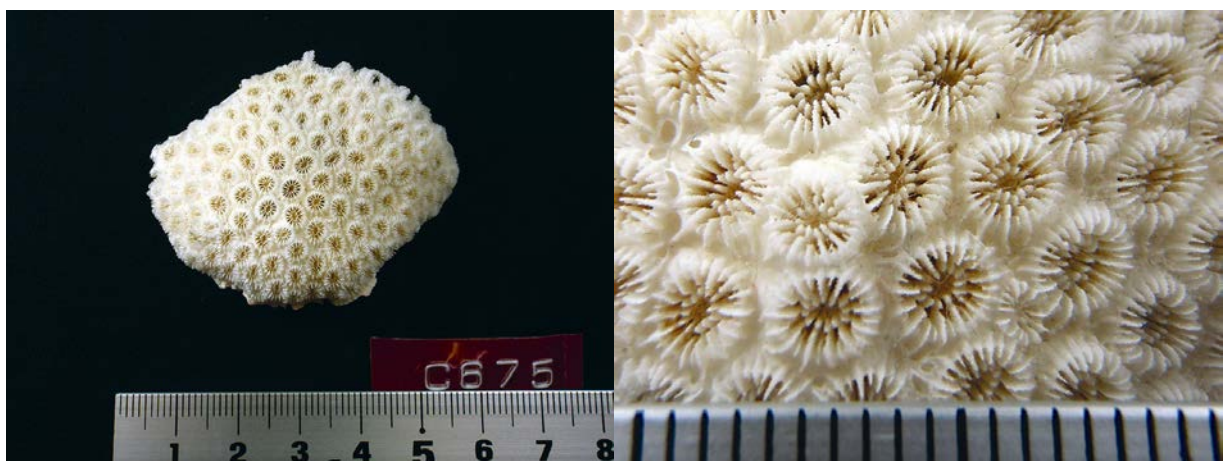
*Platygyra pini*, KU-C 774



*Platygyra ryukyuensis*, KU-C 7

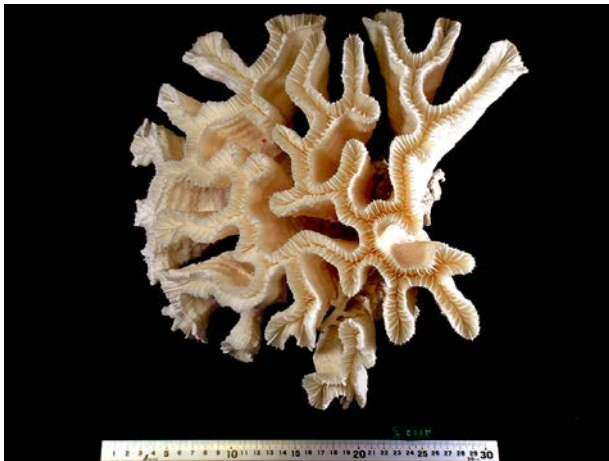


*Platygyra sinensis*, KU-C 988



*Plesiastrea versipora*, KU-C 675

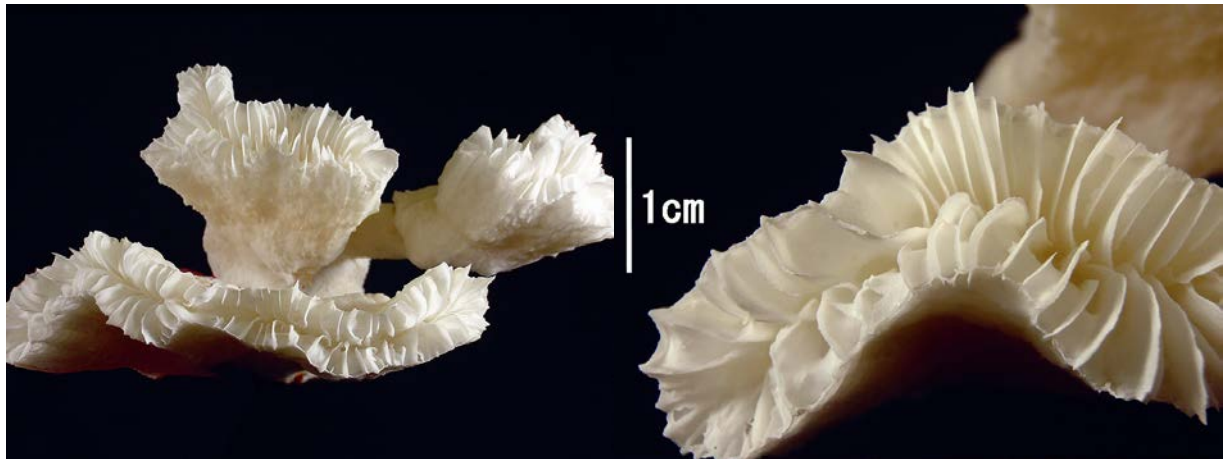
## Euphyllidae



*Euphyllia ancora*, KU-C 112



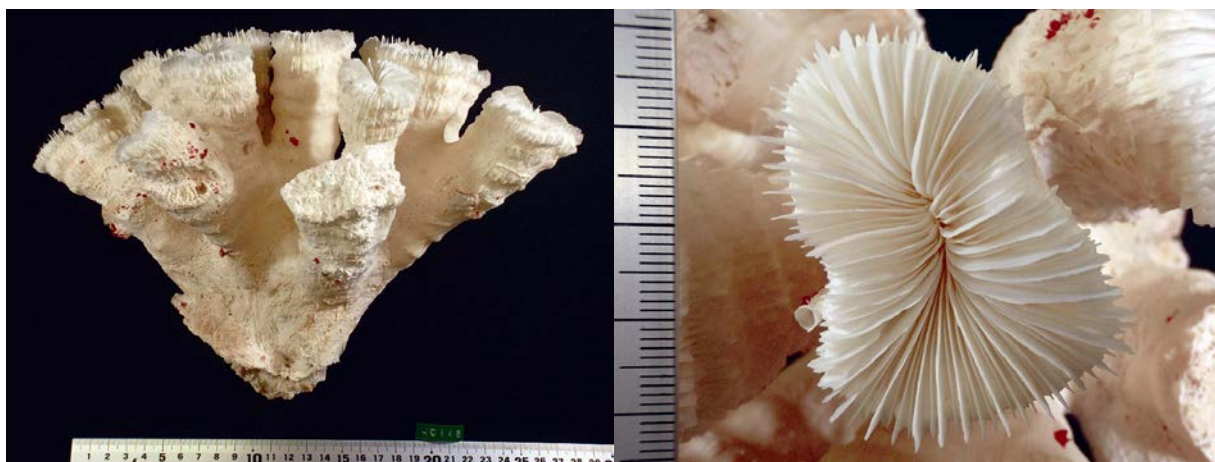
*Euphyllia divisa*, KU-C 136



*Euphyllia divisa*, KU-C 136



*Euphyllia glabrescens*, KU-C 462



*Euphyllia yaeyamaensis*, KU-C 148



*Physogyra lichtensteini*, KU-C 134

### **Dendrophylliidae**



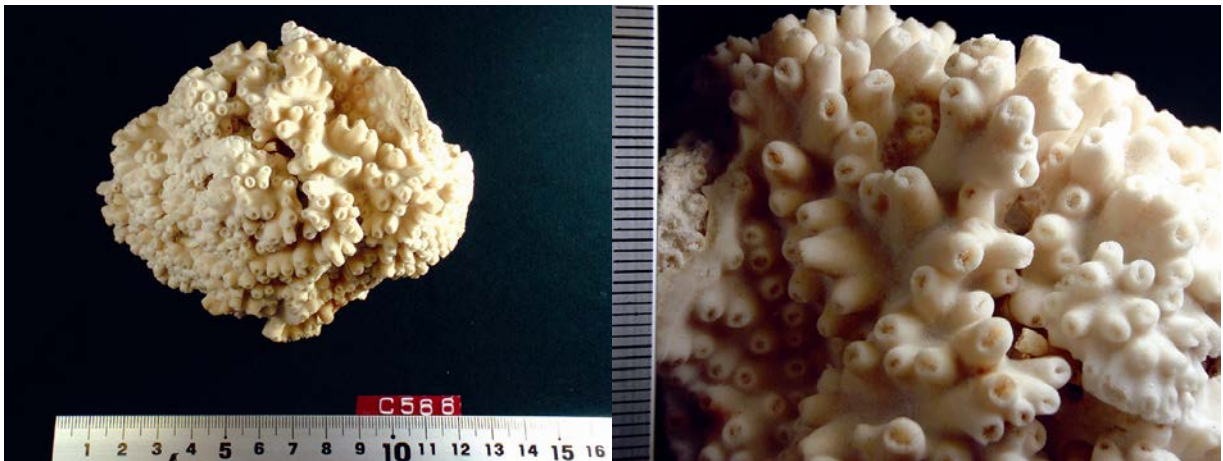
*Plerogyra sinuosa*, KU-C 42



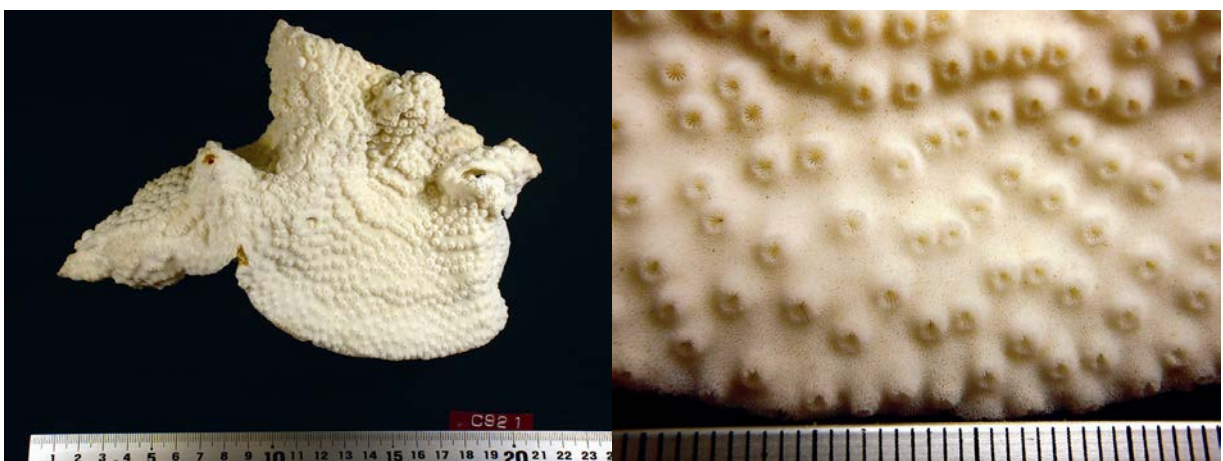
*Turbinaria frondens*, KU-C 1076



*Turbinaria frondens*, KU-C 1076



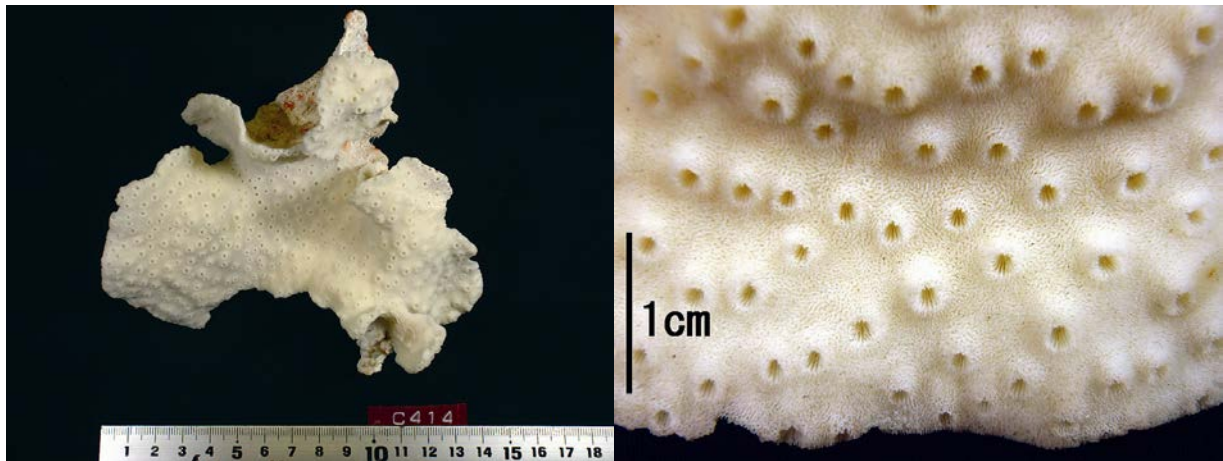
*Turbinaria irregularis*, KU-C 566



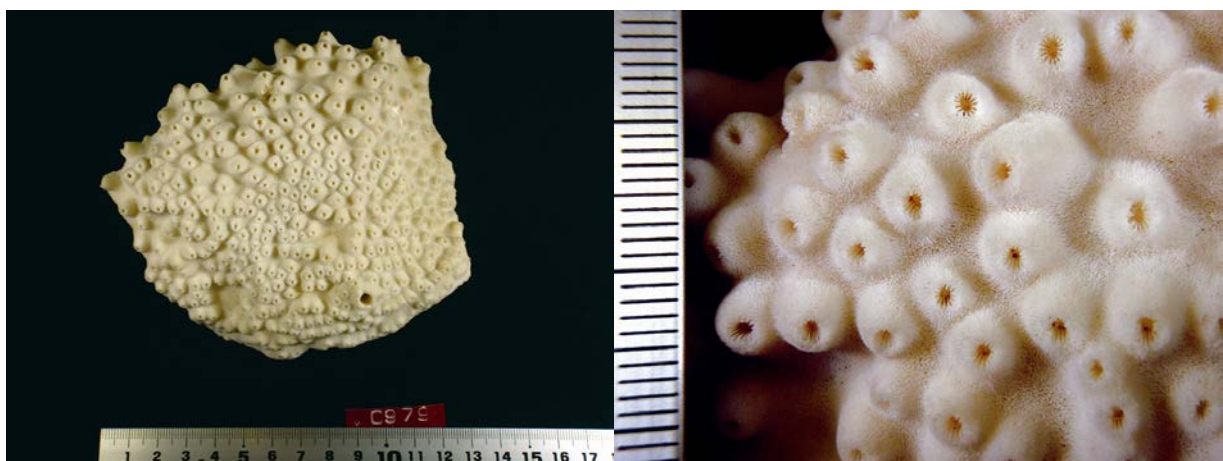
*Turbinaria mesenterina*, KU-C 921



*Turbinaria peltata*, KU-C 568



*Turbinaria reniformis*, KU-C 414



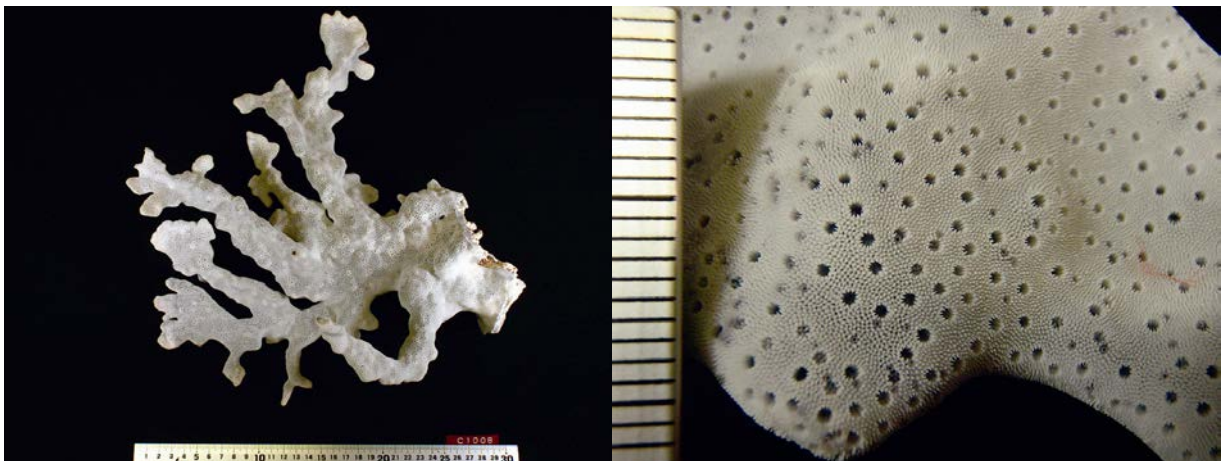
*Turbinaria stellulata*, KU-C 979

### Tubiporidae



*Tubipora musica*, KU-C 320

### Helioporidae

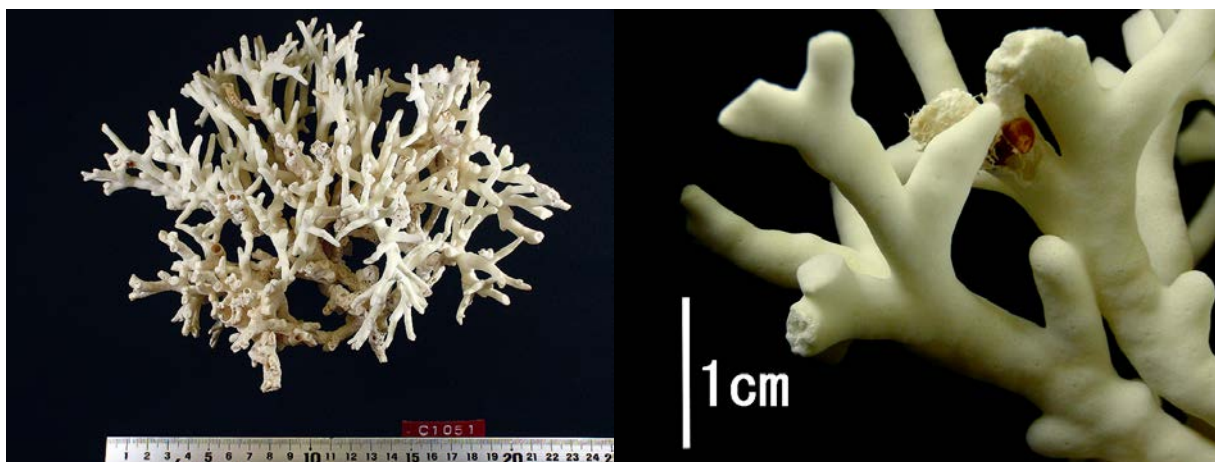


*Heliopora coerulea*, KU-C 1008

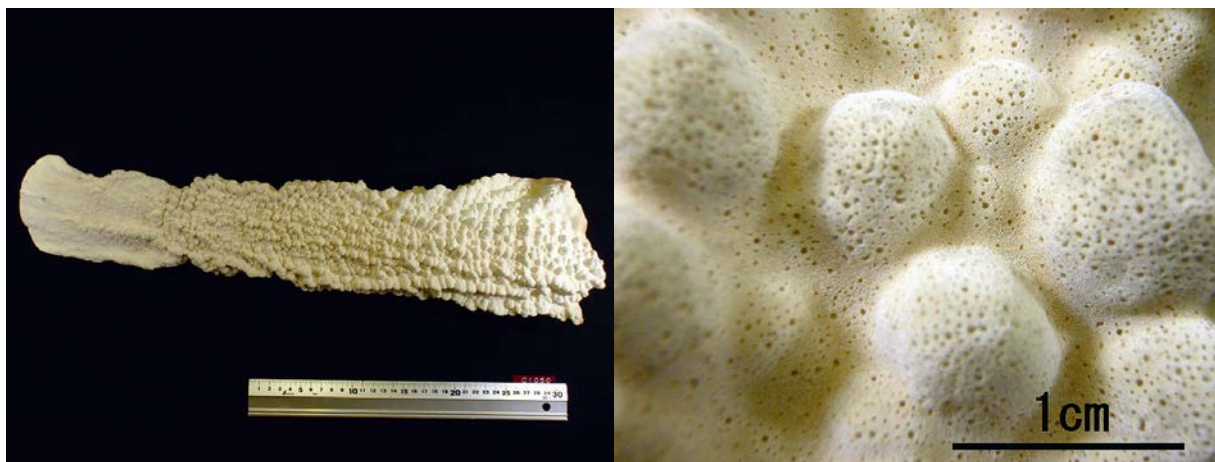
### Milleporidae



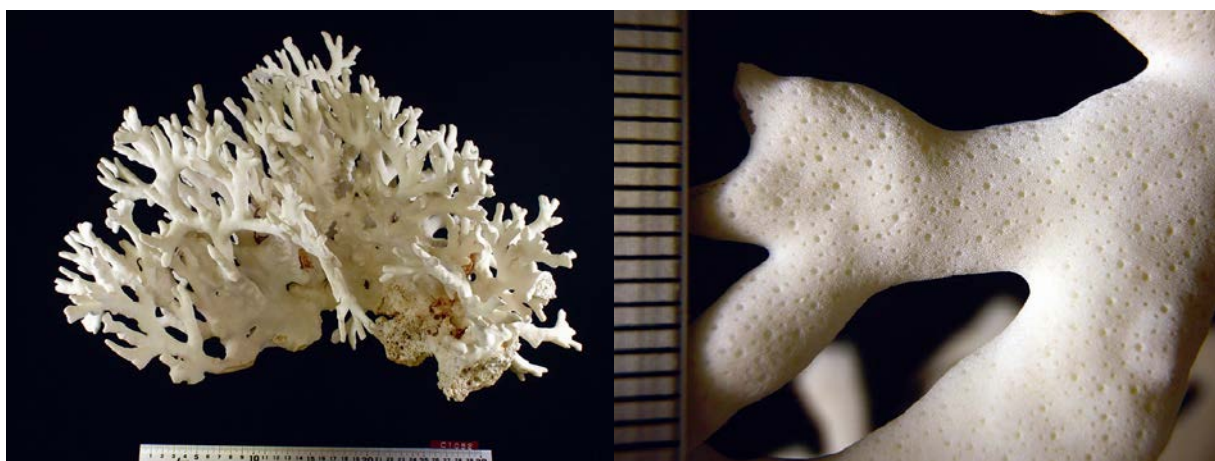
*Millepora exaesa*, KU-C 1009



*Millepora intricata*, KU-C 1051



*Millepora platyphylla*, KU-C 1050



*Millepora tenella*, KU-C 1052

## 後書き      Afterword

かつて黒島を中心とする石西礁湖のサンゴ群集の美しさは世界一と謳われ、その姿は 1970 年代初めまで保たれていた。しかしながら、以後、沖縄の復帰と同調するかのようにオニヒトデの大量増殖が始まり、その猛威は石西礁湖からほとんどのサンゴがなくなる 1980 年代初頭まで続いた。表紙に載せられている黒島沖ウラビシの見事な干出サンゴ群落は 1970 年代末には姿を消した。中扉にある黒島キャンは、学生時代に毎日飽きることなく泳ぎ回った思い出のスノーケルポイントで、岸から 1km ほど続く礁池の中を埋め尽くすかのように、高さ 2m もあるシカツノサンゴ(種は特定されていない)が壮大な「森林」を形成していたが、この群落も 1982 年に侵入した大量のオニヒトデによってそっくり食害された。

実は緒言を書かれた亀崎氏は、私が 1980 年代半ばに八重山海中公園研究所(現在の黒島研究所)に赴任していた頃と同僚で、我々が黒島で過ごした時期は、また、石西礁湖のサンゴが最も少ない時代でもあった。そして、サンゴ景観がそこかしこに戻り始めるにはそれから 15 年もの長い歳月を待たなければならなかったが、ウラビシやキャンのような遷移が極まった重厚なサンゴ群集はこれっぽちの年月では復元するはずはなく、さらに、白化現象が頻発しオニヒトデも慢性化する昨今にあってはかつての姿の再生は期待できない状況にある。

黒島研究所に収蔵されているサンゴ標本の大部分は、石西礁湖のサンゴ群集の最良期が崩壊する直前に、初代研究員であった福田照雄氏によって収集されたものである。上述したように石西礁湖のサンゴ群集の行く末を考慮すれば、本標本群は二度と当地で集めることは不可能であり、類い希であった往時のサンゴ群集を把握・研究する上でも貴重な資料となっている。ただ、吹けば飛ぶようなひ弱な研究所の運営体制の下で、この標本群はいつしか埃をかぶり、ラベルは散逸し、歳月の中に埋もれた存在となっていた。それを洗浄・再整理し、また、カタログを作成して世の中に出していただいた現研究員の亀田和成氏と目崎拓真氏には心より御礼申し上げたい。

本目録の初版は 2011 年 2 月に出版されたが、その後、日本造礁サンゴ分類研究会の会員によって標本の部分的な再同定がなされ、種名の変更が少なからず生じた。また、標本の幅広い利用を促進するためには英文の追記が必要とされた。そこで、これらの改定を行うために第 2 版が企画された次第である。

サンゴ分類はこの道の大家である Veron 博士の 3 冊組の大著 *Corals of the World* (2000) の出版で集大成を見たが、これは砂上の楼閣のようなものであり、その後の研究者によるタイプ標本の精査に基づく関連群の再検討や、遺伝子解析に基づく分類体系の大幅な見直し等に

よって全面的に見直される運命にある。従って、この分類の激動期にあつては、種名や分類階級の変更は日常茶飯事のように生じてとどまることがない。ただし、いくらサンゴ分類が進歩したにせよ、しっかりと管理された標本の価値は上がりこそすれ決して下がることはない。黒島研究所の標本が末永く保管され、世界的に活用されることを歴代の研究員と共に願う。

2012 年 9 月 17 日

日本造礁サンゴ分類研究会

代表 野村恵一

## 黒島研究所収蔵造礁サンゴ目録

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