

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.

内田絃臣・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.

内田絃臣・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)

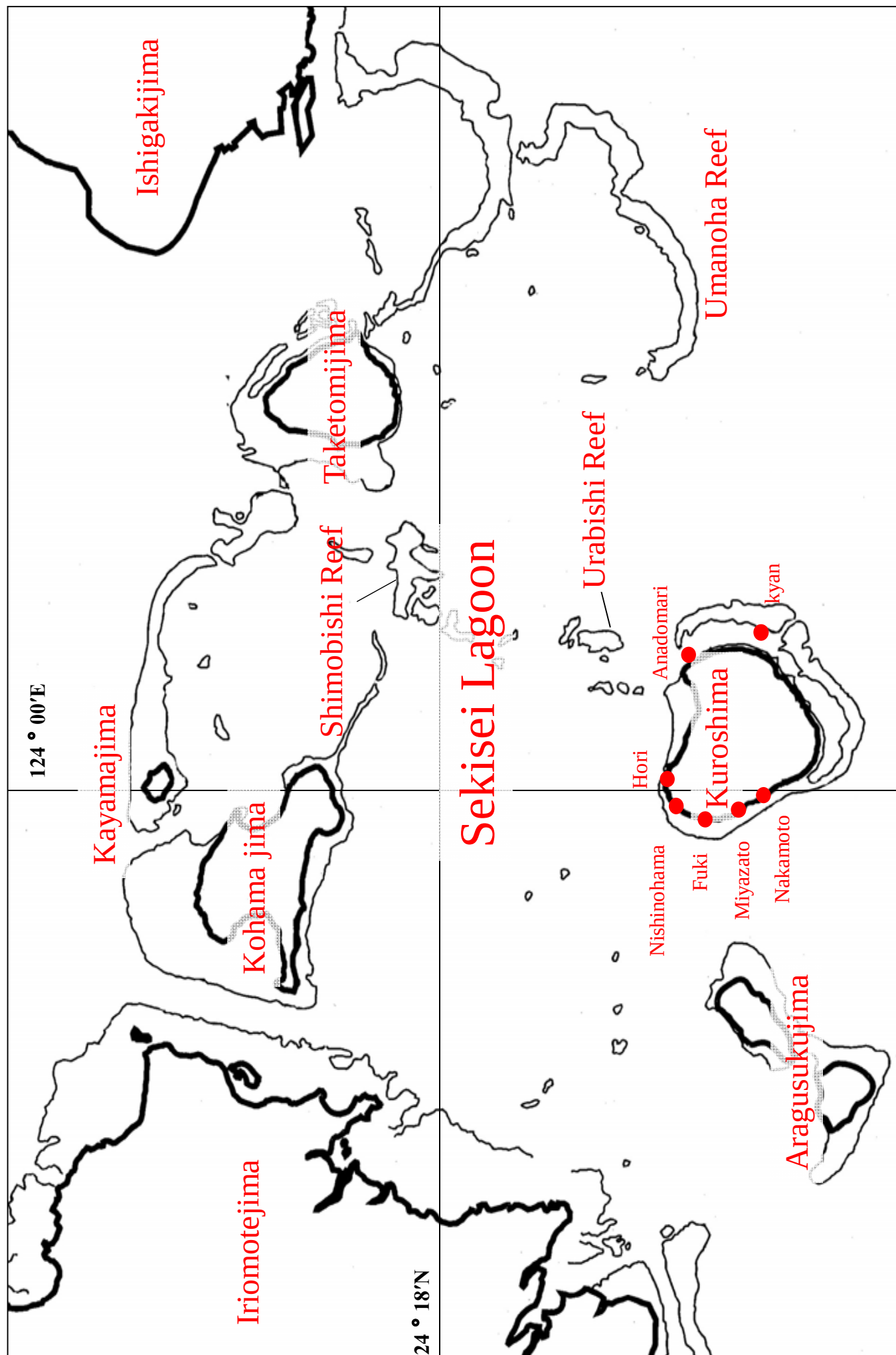


Fig. 1 Map showing mainly sampling region in Yaeyama Islands.

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る: 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.

所蔵標本目録

List of deposited specimens

KU-C No.	Date	Locality	Collect
Anthozoa 花虫綱			
Scleractinia イシサンゴ目			
Astrocoeniidae ムカシサンゴ科			
<i>Palauastrea ramosa</i> Yabe and Sugiyama, 1941 パラオサンゴ			
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
<i>Stylocoeniella guentheri</i> Bassett-Smith, 1890 ムカシサンゴ			
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	
<i>Stylocoeniella</i> aff. <i>guentheri</i> Bassett-Smith, 1890			
867	1989	Nakamoto, Kuroshima, inner reef	
Pocilloporidae ハナヤサイサンゴ科			
<i>Pocillopora damicornis</i> (Linnaeus, 1758) ハナヤサイサンゴ			
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	
<i>Pocillopora eydouxi</i> Milne Edwards and Haime, 1860 ヘラジカハナヤサイサンゴ			
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	
<i>Pocillopora meandrina</i> Dana, 1846 チリメンハナヤサイサンゴ			
318	1978/1/2	Miyazato, Kuroshima, outer reef, 5 m deep	M. Irie
666	1978/4/17	Off Hori, Kuroshima	M. Irie
<i>Pocillopora verrucosa</i> (Ellis and Solander, 1786) イボハダハナヤサイサンゴ			
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
<i>Pocillopora</i> spp.			
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
<i>Seriatopora</i> aff. <i>aculeata</i> Quelch, 1886			
284	1975/11/6	Fuki, Kuroshima, inner reef	T. Fukuda
<i>Seriatopora caliendrum</i> Ehrenberg, 1834 フトゲサンゴ			
556	1989/5/16	Anadomari, Kuroshima	F. Iwase
<i>Seriatopora guttatus</i> Veron, 2000			
190	1975/8/26	West of Kuroshima, patch reef, 1-2 m deep	T. Fukuda
<i>Seriatopora hystrix</i> Dana, 1846 トゲサンゴ			
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	
<i>Seriatopora stellata</i> Quelch, 1886			
575	1978/4/22	Off Hori, Kuroshima	M. Irie
<i>Stylophora pistillata</i> Esper, 1797 ショウガサンゴ			
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	
Acroporidae ミドリイシ科			
<i>Acropora abrotanoides</i> (Lamarck, 1816) トゲマツミドリイシ			
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	
<i>Acropora acuminata</i> (Verrill, 1864) ハイスギミドリイシ			
413	1974-1988	Kuroshima	
631	1974-1988	Kuroshima	
<i>Acropora anthocercis</i> (Brook, 1893) タマユビミドリイシ			
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
<i>Acropora</i> aff. <i>anthocercis</i> (Brook, 1893)			
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).			
<i>Acropora aspera</i> (Dana, 1846) ヒメマツミドリイシ			
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
<i>Acropora austera</i> (Dana, 1846) コイボミドリイシ			
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	
<i>Acropora awi</i> Wallace and Wolstenholme, 1998			
617	1978/4/28	Off Nishinohama, Kuroshima	M. Irie
<i>Acropora</i> aff. <i>batsunai</i> Wallace, 1997			
98	1975/4/12	West of Kuroshima, 2-3 m deep	T. Fukuda
<i>Acropora carduus</i> (Dana, 1846) ツツミドリイシ			
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
<i>Acropora cerealis</i> (Dana, 1846) ムギノホミドリイシ			
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	
<i>Acropora clathrata</i> (Brook, 1891) サンボウミドリイシ			
648	1974-2000	Yaeyama Islands	
1115	1974-2000	Yaeyama Islands	
<i>Acropora cytherea</i> (Dana, 1846) ハナバチミドリイシ			
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	
<i>Acropora derawanensis</i> Wallace, 1997			
939	1974-2000	Yaeyama Islands	
<i>Acropora digitifera</i> (Dana, 1846) コユビミドリイシ			
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
<i>Acropora</i> aff. <i>digitifera</i> (Dana, 1846) . 1			
90	1975/4/12	West of Kuroshima	T. Fukuda
<i>Acropora</i> aff. <i>digitifera</i> (Dana, 1846) . 2			
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
<i>Acropora divaricata</i> (Dana, 1846) ヤッコミドリイシ			
1229	1974-1988	Kuroshima	
<i>Acropora</i> aff. <i>divaricata</i> (Dana, 1846)			
461	1974-2000	Yaeyama Islands	
603	1974-2000	Yaeyama Islands	
<i>Acropora echinata</i> (Dana, 1846) トゲツツミドリイシ			
611	1974-1988	Kuroshima	
873	1974-2000	Yaeyama Islands	
<i>Acropora elseyi</i> (Brook, 1892) マルツツミドリイシ			
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	
<i>Acropora</i> aff. <i>elseyi</i> (Brook, 1892)			
255	1975/10/2	Kyan, Kuroshima, inner reef, 2-5 m deep	T. Fukuda
<i>Acropora florida</i> (Dana, 1846) サボテンミドリイシ			
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
<i>Acropora</i> aff. <i>florida</i> (Dana, 1846)			
525	1987	Yaeyama Islands	K. Nomura
<i>Acropora gemmifera</i> (Brook, 1892) オヤユビミドリイシ			
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
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***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	
<i>Acropora</i> aff. <i>intermedia</i> (Brook, 1891)			
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	
<i>Acropora kirstyae</i> Veron and Wallace, 1984			
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	
<i>Acropora latistella</i> (Brook, 1892) キクハナガサミドリイシ			
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).			
<i>Acropora longicyathus</i> (Milne Edward and Haime, 1860) オオツツミドリイシ			
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	
<i>Acropora microphthalma</i> (Verrill, 1869) コエダミドリイシ			
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	
<i>Acropora millepora</i> (Ehrenberg, 1834) ハイマツミドリイシ			
651	1994/5/25	Kuroshima	
1018	1978/4/15	Nakamoto, Kuroshima Island, inner reef	M. Irie
<i>Acropora muricata</i> (Linnaeus, 1758) スギノキミドリイシ			
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	
<i>Acropora</i> aff. <i>muricata</i> (Linnaeus, 1758)			
226	1975/9/10	Anadomari, Kuroshima, inner reef, 2 m deep	T. Fukuda
<i>Acropora nana</i> (Studer, 1878) スゲミドリイシ			
616	1974-1988	Kuroshima	
1017	1978/4/23	Off Hori, Kuroshima	M. Irie
1228	1978/4/23	Off Hori, Kuroshima	M. Irie
<i>Acropora nasuta</i> (Dana, 1846) ハナガサミドリイシ			
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	
<i>Acropora pulchra</i> (Brook, 1891) オトメミドリイシ			
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	
<i>Acropora</i> aff. <i>pulchra</i> (Brook, 1891). 1			
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
<i>Acropora</i> aff. <i>pulchra</i> (Brook, 1891). 2			
307	1976/6/23	North of Kuroshima	T. Fukuda
1056	1976/6/23	North of Kuroshima	T. Fukuda
<i>Acropora retusa</i> (Dana, 1846)			
50	1975/1/31	Urabishi Reef, off northeast of Kuroshima, 3-10 m deep	T. Fukuda
<i>Acropora robusta</i> (Dana, 1846) ヤスリミドリイシ			
530	1976	Kuroshima	
600	1974-2000	Yaeyama Islands	
615	1991	North of Kuroshima	

KU-C No.	Date	Locality	Collect
<i>Acropora secale</i> (Studer, 1878) トゲホソエダミドリイシ			
518	1975/8/9	West Kuroshima, patch reef	T. Fukuda
588	1974-2000	Yaeyama Islands	
625	1974-2000	Yaeyama Islands	
<i>Acropora selago</i> (Studer, 1878) タチハナガサミドリイシ			
878	1974-2000	Urabishi Reef, off northeast of Kuroshima	T. Fukuda
1167	2000/8/1	Urabishi Reef, off northeast of Kuroshima	
<i>Acropora spathulata</i> (Brook, 1891)			
629	1974-2000	Yaeyama Islands	
<i>Acropora subglabra</i> (Brook, 1891) ホソヅツミドリイシ			
604	1974-1988	Kuroshima	T. Fukuda
644	1974-1988	Kuroshima	
<i>Acropora subulata</i> (Dana, 1846)			
36	1975/1/24	Fuki, Kuroshima, inner reef, 2-4 m deep	T. Fukuda
<i>Acropora tenella</i> (Brook, 1892)			
558	1988	North of Taketomijima	F. Iwase
<i>Acropora tenuis</i> (Dana, 1846) ウスエダミドリイシ			
415	1976	Kuroshima	T. Fukuda
621	1974-2000	Yaeyama Islands	
634	1974-2000	Yaeyama Islands	
643	1974-2000	Yaeyama Islands	
<i>Acropora valida</i> (Dana, 1846) ホソエダミドリイシ			
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	
<i>Acropora</i> aff. <i>valida</i> (Dana, 1846)			
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	
<i>Acropora</i> aff. <i>variolosa</i> (Khunzinger, 1879)			
1059	1990/9/14	South of Kohamajima, sand bottom, 2 m deep	
<i>Acropora vaughani</i> Wells, 1954 ボーンミドリイシ			
654	1974-2000	Yaeyama Islands	
<i>Acropora verweyi</i> Veron and Wallace, 1984			
504	1991/11/18	Off Nishinohama, Kuroshima	M. Kashiwara
<i>Acropora yongei</i> Veron and Wallace, 1984 ヤングミドリイシ			
249	1975/10/2	Kyan, Kuroshima Island, reef inside, at the depth of 2m	T. Fukuda
605	1974-2000	Yaeyama Islands	
<i>Acropora</i> sp. 1			
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).			
<i>Acropora</i> sp. 2			
619	1991	North of Kuroshima	
956	1974-2000	Yaeyama Islands	
<i>Acropora</i> sp.3			
609	1974-1988	Kuroshima	
640	1974-2000	Yaeyama Islands	
<i>Acropora</i> spp.			
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
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***Anacropora matthai* Pillai, 1973** ヒメトゲミドリイシ

775	1999/10/20	South of Kuroshima, 5 m deep	
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***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
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***Astreopora* aff. *gracilis* Bernard, 1896**

811	1999/12/23	Miyazato, Kuroshima, inner reef, 3 m deep	K. Nomura & T. Kondo
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***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
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KU-C No.	Date	Locality	Collect
<i>Montipora aequituberculata</i> Bernard, 1897 チヂミウスコモンサンゴ			
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).			
<i>Montipora altasepta</i> Nemenzo, 1967			
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	
<i>Montipora cactus</i> Bernard, 1897 サボテンコモンサンゴ			
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	
<i>Montipora</i> aff. <i>cactus</i> Bernard, 1897			
1223	2000/10/6	North of Todoroki River, Ishigakijima, inner reef	
<i>Montipora caliculata</i> (Dana, 1846) コクボミコモンサンゴ			
891	1991	Yaeyama Islands	
1128	1974-2000	Yaeyama Islands	
<i>Montipora digitata</i> (Dana, 1846) エダコモンサンゴ			
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	
<i>Montipora floweri</i> (Wells, 1954) ザラメコモンサンゴ			
1027	1974-1978	Kuroshima	
Remarks: KU-C 1027 is same as pictures of p. 153 in Uchida & Fukuda (1989a).			
<i>Montipora foveolata</i> (Dana, 1846) オオクボミコモンサンゴ			
1020	1978/4/22	Off Hori, Kuroshima	M. Irie
Remarks: KU-C 1020 is same as pictures of p. 162 in Uchida & Fukuda (1989a).			
<i>Montipora gaimardi</i> Bernard, 1897 コブコモンサンゴ			
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	
<i>Montipora grisea</i> Bernard, 1897 グリセアコモンサンゴ			
509	1974-1988	Kuroshima	
831	1991/11/18	Off Nishinohama, Kuroshima	M. Kashiwara
<i>Montipora</i> aff. <i>grisea</i> Bernard, 1897			
980	1974-2000	Yaeyama Islands	
<i>Montipora hispida</i> (Dana, 1846) トゲコモンサンゴ			
913	1989/6/5	Nakamoto, Kuroshima, inner reef	F. Iwase
973	1974-2000	Yaeyama Islands	
<i>Montipora informis</i> Bernard, 1897 ノリコモンサンゴ			
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	
<i>Montipora malampaya</i> Nemenzo, 1967			
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	
<i>Montipora mollis</i> Bernard, 1897 モリスコモンサンゴ			
659	1974-2000	Yaeyama Islands	
<i>Montipora samarensis</i> Nemenzo, 1967			
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	
<i>Montipora</i> aff. <i>samarensis</i> Nemenzo, 1967			
1200	2000/7/29	South of Todoroki River, Ishigakijima, inner reef, 1 m deep	
<i>Montipora spumosa</i> (Lamarck, 1816)			
1164	2002/10/6	North of Todoroki River, Ishigakijima, inner reef	
1170	2002/10/6	North of Todoroki River, Ishigakijima, inner reef	
<i>Montipora</i> aff. <i>spumosa</i> (Lamarck, 1816)			
228	1975/9/10	Anadomari, Kuroshima, inner reef, 1 m deep	T. Fukuda
<i>Montipora stellata</i> Bernard, 1897 トゲエダコモンサンゴ			
1186	2003/9/25	Shimobishi Reef, off southwest of Taketomijima	

KU-C No.	Date	Locality	Collect
Montipora tuberculosa (Lamarck, 1816) ヒメイボコモンサンゴ			
1023	1978/4/20	Off Hori, Kuroshima	M. Irie
Montipora venosa (Ehrenberg, 1834) コモンサンゴ			
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).			
Montipora verrucosa (Lamarck, 1816) イボコモンサンゴ			
801	1999/12/28	Off Nishinohama, Kuroshima, 15m deep	K. Nomura & T. Kondo
1024	1978/4/20	Off Hori, Kuroshima	M. Irie
Montipora undata Bernard, 1897 ウネコモンサンゴ			
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).			
Montipora sp.			
573	1974-2000	Yaeyama Islands	
664	1974-2000	Yaeyama Islands	
Montipora spp.			
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	
Isopora brueggemanni (Brook, 1981) フトエダミドリイシ			
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	
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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	
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***Goniopora lobata* Milne Edwards and Haime, 1860 ハナガササンゴ**

698	1974-2000	Yaeyama Islands	
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***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
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***Goniopora norfolkensis* Veron and Pichon, 1982**

177	1975/8/1	Fuki, Kuroshima, inner reef, 3 m deep	T. Fukuda
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***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
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***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	
<i>Porites attenuata</i> Nemenzo, 1955 ベルベツトハマサンゴ			
268	1975/10/2	Anadomari, Kuroshima, patch reef, 1-2 m deep	T. Fukuda
<i>Porites australiensis</i> Vaughan, 1918 ハマサンゴ			
230	1975/9/10	Anadomari, Kuroshima, inner reef, 1 m deep	T. Fukuda
1095	1974-2000	Yaeyama Islands	
<i>Porites</i> aff. <i>australiensis</i> Vaughan, 1918			
205	1975/9/9	Fuki, Kuroshima, inner reef, 3 m deep	T. Fukuda
848	1989/5/18	Nakamoto, Kuroshima, inner reef	F. Iwase
<i>Porites cylindrica</i> Dana, 1846 ユビエダハマサンゴ			
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
<i>Porites deformis</i> Nemenzo, 1955			
865	1974-2000	Yaeyama Islands	
<i>Porites evermanni</i> Vaughan, 1907			
1126	1974-2000	Yaeyama Islands	
<i>Porites heronensis</i> Veron, 1985 フタマタハマサンゴ			
202	1975/9/9	Fuki, Kuroshima, inner reef, 3 m deep	T. Fukuda
833	1987/12/15	Nakamoto, Kuroshima, inner reef	F. Iwase
<i>Porites latistella</i> Quelch, 1886			
301	1976	Kuroshima	T. Fukuda
1101	1974-2000	Yaeyama Islands	
<i>Porites lichen</i> Dana, 1846 ベニハマサンゴ			
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
<i>Porites</i> aff. <i>lichen</i> Dana, 1846			
747	1976/9/14	Fuki, Kuroshima, inner reef	T. Fukuda
<i>Porites lobata</i> Dana, 1846 フカアナハマサンゴ			
213	1975/9/9	Fuki, Kuroshima, inner reef, 4 m deep	T. Fukuda
822	1987/12/15	Nakamoto, Kuroshima, inner reef	F. Iwase
<i>Porites lutea</i> Milne Edwards and Haime, 1848 コブハマサンゴ			
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	
<i>Porites</i> aff. <i>lutea</i> Milne Edwards and Haime, 1848			
658	1976/9/15	Fuki, Kuroshima, inner reef	T. Fukuda
<i>Porites</i> <i>mayeri</i> Vaughan, 1918 スジハマサンゴ			
1231	1987/12/15	Nakamoto, Kuroshima, inner reef	
<i>Porites</i> <i>nigrescens</i> Dana, 1846 アミメハマサンゴ			
470	1974-2000	Yaeyama Islands	
<i>Porites</i> <i>rus</i> (Forskål, 1775) パラオハマサンゴ			
591	1974-1988	Kuroshima	
1125	1974-2000	Yaeyama Islands	
<i>Porites</i> sp.			
212	1975/9/9	Fuki, Kuroshima, inner reef, 4 m deep	T. Fukuda
<i>Porites</i> spp.			
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
Siderastreidae ヤスリサンゴ科			
<i>Coscinaraea</i> <i>columna</i> (Dana, 1846) ヤスリサンゴ			
517	1974-2000	Yaeyama Islands	
851	1989/7/18	Nakamoto, Kuroshima, inner reef	F. Iwase
1107	1974-2000	Yaeyama Islands	
<i>Coscinaraea</i> aff. <i>monile</i> (Forskål, 1775)			
565	1974-2000	Yaeyama Islands	
Psammocoridae アミメサンゴ科			
<i>Psammocora</i> <i>contigua</i> (Esper, 1794) ヤッコアミメサンゴ			
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	
<i>Psammocora</i> <i>haimiana</i> Milne Edwards and Haime, 1851 ヤスリアミメサンゴ			
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
<i>Psammocora aff. nierstraszi</i> Horst, 1921			
976	1991/11/27	Off Nishinohama, Kuroshima	
<i>Psammocora profundacella</i> Gardiner, 1898 アミメサンゴ			
670	2000/1/1	North of Kamichijima, Aragusukujima, 10 m deep	K. Nomura & T. Kondo
Agariciidae ヒラフキサンゴ科			
<i>Coeloseris mayeri</i> Vaughan, 1918 ヨロンキクメイシ			
750	1974-2000	Yaeyama Islands	
894	1974-2000	Yaeyama Islands	
1163	1974-2000	Yaeyama Islands	
<i>Gardineroseris planulata</i> (Dana, 1846) ヒラフキサンゴ			
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	
<i>Leptoseris explanata</i> Yabe and Sugiyama, 1941			
1136	1974-2000	Yaeyama Islands	
<i>Leptoseris aff. explanata</i> Yabe and Sugiyama, 1941			
673	2000/1/3	Yaeyama Islands, 8 m deep	K. Nomura & T. Kondo
<i>Leptoseris mycetoseroides</i> Wells, 1954			
272	1975/10/2	Anadomari, Kuroshima, 8 m deep	T. Fukuda
<i>Pachyseris gemmae</i> Nemenzo, 1955 イボリュウモンサンゴ			
826	1999/12/13	Northwest of Taketomijima, 12 m deep	K. Nomura & T. Kondo
<i>Pachyseris rugosa</i> (Lamarck, 1801) シワリュウモンサンゴ			
478	2004/6/14	North of Kuroshima	
689	1999/12/13	West of Taketomijima, 12 m deep	K. Nomura & T. Kondo
<i>Pachyseris speciosa</i> (Dana, 1846) リュウモンサンゴ			
46	1975/1/31	Urabishi Reef, off northeast of Kuroshima, 3-10 m deep	T. Fukuda
1040	1978/4/18	Kyan, Kuroshima	M. Irie
<i>Pavona cactus</i> (Forskål, 1775) サオトメシコロサンゴ			
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	
<i>Pavona danai</i> Milne Edwards and Haime, 1860			
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	
<i>Pavona decussata</i> (Dana, 1846) シコロサンゴ			
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
<i>Pavona duerdeni</i> Vaughan, 1907 ハマシコロサング			
167	1975/7/6	Kyan, Kuroshima, inner reef, 4 m deep	T. Fukuda
465	1974-2000	Yaeyama Islands	
967	1974-2000	Yaeyama Islands	
<i>Pavona explanata</i> (Lamarck, 1816)			
853	1989/8/29	Nakamoto, Kuroshima, inner reef	F. Iwase
856	1989/8/7	Nakamoto, Kuroshima, inner reef	F. Iwase
<i>Pavona frondifera</i> (Lamarck, 1816) コノハシコロサング			
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	
<i>Pavona varians</i> Verrill, 1864 シワシコロサング			
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	
<i>Pavona venosa</i> (Ehrenberg, 1834) シコロキクメイシ			
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	
<i>Pavona</i> spp.			
1135	1974-2000	Yaeyama Islands	
Fungiidae クサビライシ科			
<i>Cycloseris costulata</i> (Ortmann, 1889) スジマンジュウイシ			
1097	1974-2000	Yaeyama Islands	
<i>Cycloseris</i> aff. <i>somervillei</i> (Gardiner, 1909)			
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).			
<i>Cycloseris vaughani</i> (Boschma, 1923) マンジュウイシモドキ			
1100	1974-2000	Yaeyama Islands	
<i>Ctenactis echinata</i> (Pallas, 1766) トゲクサビライシ			
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	
<i>Heliofungia actiniformis</i> (Quoy and Gaimard, 1833) パラオクサビライシ			
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
<i>Herpolitha limax</i> (Houttuyn, 1772) キュウリイシ			
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	
<i>Herpolitha weberi</i> Horst, 1921 ヒトスジキュウリイシ			
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
<i>Halomitra pileus</i> (Linnaeus, 1758) カブトサンゴ			
508	1976/12/1	Kuroshima	T. Fukuda
<i>Fungia concinna</i> Verrill, 1864 ヒラタクサビライシ			
925	1974-2000	Yaeyama Islands	
<i>Fungia danai</i> Milne Edwards and Haime, 1851 デーナノコギリクサビライシ			
722	1974-2000	Yaeyama Islands	
<i>Fungia fungites</i> (Linnaeus, 1758) シタザラクサビライシ			
124	1975	Kuroshima, inner reef, 2-4 m deep	T. Fukuda
1175	1974-2000	Yaeyama Islands	
<i>Fungia</i> aff. <i>fungites</i> (Linnaeus, 1758)			
35	1975/1/24	Fuki, Kuroshima, inner reef, 2-4 m deep	T. Fukuda
485	2004/6/14	North of Kuroshima	H. Uchida
<i>Fungia granulosa</i> Klunzinger, 1879 ナミクサビライシ			
1198	1974-2000	Yaeyama Islands	
<i>Fungia klunzingeri</i> Döderlein, 1901 ノコギリクサビライシ			
905	1974-2000	Yaeyama Islands	
<i>Fungia moluccensis</i> Horst, 1919 ネジレクサビライシ			
560	1974-2000	Yaeyama Islands	
<i>Fungia paumotensis</i> Stutchbury, 1833 ゾウリイシ			
784	1999/12/23	Fuki, Kuroshima, inner reef, 3 m deep	K. Nomura & T. Kondo
<i>Fungia repanda</i> Dana, 1846 マルクサビライシ			
129	1975/5/5	West of Kayamajima, inner reef, 3 m deep	T. Fukuda
561	1974-1988	Kuroshima	
<i>Fungia scabra</i> Döderlein, 1901			
903	1974-2000	Yaeyama Islands	
<i>Fungia scutaria</i> Lamarck, 1801 クサビライシ			
687	1999/10/25	Fuki, Kuroshima, inner reef, 3 m deep	

KU-C No.	Date	Locality	Collect
<i>Lithophyllon lobata</i> Horst, 1921 ミナミカワラサンゴ			
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).			
<i>Lithophyllon</i> sp.			
796	1999/12/23	Miyazato, Kuroshima Island, reef inside, at the depth of 3m	K. Nomura & T. Kondo
<i>Podabacia crustacea</i> (Pallas, 1766) ヤエヤマカワラサンゴ			
487	2000/1/3	Yaeyama Islands, 8 m deep	K. Nomura & T. Kondo
501	1974-1988	Yaeyama Islands	
768	2000/1/1	Yaeyama Islands	M. Irie
1041	1978/5/5	Urabishi Reef, off northeast of Kuroshima	
1061	1976	Kuroshima	
<i>Podabacia motuporensis</i> (Veron, 1990)			
802	1999/12/28	Off Nishinohama, Kuroshima, 15 m deep	K. Nomura & T. Kondo
<i>Polyphyllia talpina</i> (Lamarck, 1801) イシナマコ			
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	
<i>Sandalolitha robusta</i> Quelch, 1886 ヘルメットイシ			
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
<i>Zoopilus echinatus</i> Dana, 1846 アミガササンゴ			
661	1974-1988	Kuroshima	
1045	1974-1988	Kuroshima	
Fungiidae sp.			
1120	1974-2000	Yaeyama Islands	
Oculinidae ビワガライシ科			
<i>Galaxea fascicularis</i> (Linnaeus, 1767) アザミサンゴ			
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	
			T. Fukuda

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	
<i>Galaxea horrescens</i> (Dana, 1846) エダアザミサンゴ			
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	
Pectiniidae ウミバラ科			
<i>Echinomorpha nishihirai</i> (Veron, 1990) オキナワキッカサンゴ			
54	1975/1/31	Urabishi Reef, off northeast of Kuroshima, 3-10 m deep	T. Fukuda
<i>Echinophyllia aspera</i> (Ellis and Solander, 1788) キッカサンゴ			
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	
<i>Echinophyllia orpheensis</i> Veron and Pichon, 1980 アバレキッカサンゴ			
1039	1974-2000	Yaeyama Islands	
1222	2000/8/3	East of Kohamajima, 1-2 m deep	
<i>Echinophyllia</i> cf. <i>orpheensis</i> Veron and Pichon, 1980			
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
<i>Mycedium elephantotus</i> (Pallas, 1766) ウスカミサンゴ			
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
<i>Oxypora</i> cf. <i>glabra</i> Nemenzo, 1959			
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
<i>Oxypora lacera</i> (Verrill, 1864) アナキッカサンゴ			
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
<i>Pectinia alcicornis</i> (Saville-kent, 1871) エダウミバラ			
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
<i>Pectinia lactuca</i> (Pallas, 1766) スジウミノバラ			
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
<i>Pectinia paeonia</i> (Dana, 1846) レースウミノバラ			
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
Mussidae オオトゲサンゴ科			
<i>Acanthastrea</i> aff. <i>brevis</i> Milne Edwards and Haime, 1849			
682	1999/12/23	Miyazato, Kuroshima, inner reef	
<i>Acanthastrea hemprichii</i> (Ehrenberg, 1834) ヒラタオオトゲキクメイシ			
836	1978/4/23	Off Hori, Kuroshima	M. Irie
839	1989/8/14	Nakamoto, Kuroshima, inner reef	F. Iwase
<i>Acanthastrea ishigakiensis</i> Veron, 1990 イシガキオオトゲキクメイシ			
451	1976	Kuroshima	T. Fukuda
453	1974-1988	Kuroshima	
<i>Acanthastrea</i> spp.			
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
<i>Australomussa rowleyensis</i> Veron, 1985 ヒラサンゴ			
443	1974-2000	Yaeyama Islands	
<i>Blastomussa merleti</i> Wells, 1961 カビラタバサンゴ			
908	1974-2000	Yaeyama Islands	
968	1974-2000	Yaeyama Islands	
1090	1974-2000	Yaeyama Islands	
1091	1974-2000	Yaeyama Islands	
<i>Lobophyllia corymbosa</i> (Forskål, 1775) マルハナガタサンゴ			
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
<i>Lobophyllia hemprichii</i> (Ehrenberg, 1834) オオハナガタサンゴ			
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	
<i>Lobophyllia aff. hemprichii</i> (Ehrenberg, 1834)			
769	2000/1/13	Fuki, Kuroshima, inner reef, 3 m deep	K. Nomura & T. Kondo
<i>Lobophyllia pachysepta</i> Chevalier, 1975 イボハナガタサンゴ			
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	
<i>Lobophyllia</i> sp.			
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
<i>Lobophyllia</i> spp.			
452	1974-2000	Yaeyama Islands	
862	1989/8/9	Nakamoto, Kuroshima, inner reef	F. Iwase
914	1974-2000	Yaeyama Islands	
<i>Parascolymia vitiensis</i> (Brüggemann, 1877) アザミハナガタサンゴ			
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
<i>Symphyllia agaricia</i> Milne Edwards and Haime, 1849			
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).			
<i>Symphyllia radians</i> Milne Edwards and Haime, 1849 ダイノウサンゴ			
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
<i>Symphyllia recta</i> (Dana, 1846) ホソダイノウサンゴ			
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
<i>Symphyllia valenciennesii</i> Milne Edwards and Haime, 1849			
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
Merulinidae サザナミサンゴ科			
<i>Hydnophora exesa</i> (Pallas, 1766) トゲイボサンゴ			
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
<i>Hydnophora microconos</i> (Lamarck, 1816) リュウキュウイボサンゴ			
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
<i>Hydnophora</i> aff. <i>microconos</i> (Lamarck, 1816)			
543	1976	Kuroshima	T. Fukuda
1102	1974-2000	Yaeyama Islands	
<i>Hydnophora rigida</i> (Dana, 1846) エダイボサンゴ			
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	
<i>Merulina ampliata</i> (Ellis and Solander, 1786) サザナミサンゴ			
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).			
<i>Merulina scabricula</i> Dana, 1846 ウスサザナミサンゴ			
101	1975/4/12	West of Kuroshima	T. Fukuda
Faviidae キクメイシ科			
<i>Barabattoia amicum</i> (Milne Edwards and Haime, 1850)			
683	2000/1/1	North of Kamichijima, Aragusukujima, 10 m deep	K. Nomura & T. Kondo
<i>Caulastrea furcata</i> Dana, 1846 ネジレタバネサンゴ			
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	
<i>Cyphastrea agassizi</i> (Vaughan, 1907) アラトゲキクメイシ			
671	2000/1/4	South of Kuroshima, outer reef, 10 m deep	K. Nomura & T. Kondo
1134	1974-2000	Yaeyama Islands	
<i>Cyphastrea chalcidicum</i> (Forskål, 1775) コトゲキクメイシ			
723	1974-2000	Yaeyama Islands	

KU-C No.	Date	Locality	Collect
<i>Cyphastrea decadia</i> Moll and Borel-Best, 1984 エダトゲキクメイシ			
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	
<i>Cyphastrea microphthalma</i> (Lamarck, 1816) トゲキクメイシ			
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	
<i>Cyphastrea ocellina</i> (Dana, 1864) ヒメトゲキクメイシ			
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
<i>Cyphastrea serailia</i> (Forskål, 1775) フカトゲキクメイシ			
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
<i>Diploastrea heliopora</i> (Lamarck, 1816) ダイオウサンゴ			
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
<i>Echinopora gemmacea</i> Lamarck, 1816 オオリュウキュウキッカサンゴ			
744	1999/12/13	East of Taketomijima, 12 m deep	K. Nomura & T. Kondo
<i>Echinopora lamellosa</i> (Esper, 1795) リュウキュウキッカサンゴ			
481	1999/12/13	Northwest of Taketomijima, 12 m deep	K. Nomura & T. Kondo
<i>Echinopora mammiformis</i> (Nemanzo, 1959) ヒラリュウキュウキッカサンゴ			
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	
<i>Echinopora pacificus</i> Veron, 1990 タイヨウリュウキュウキッカサンゴ			
576	1978/4/28	Off Hori, Kuroshima	M. Irie
777	1999/12/23	Miyazato, Kuroshima, inner reef, 3 m deep	K. Nomura & T. Kondo
<i>Favia danae</i> Verrill, 1872 アザミキクメイシ			
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	
<i>Favia fava</i> (Forskål, 1775) スボミキクメイシ			
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
<i>Favia laxa</i> (Klunzinger, 1879) ヤスリキクメイシ			
1092	1974-2000	Yaeyama Islands	
<i>Favia matthaii</i> Vaughan, 1918 アラキクメイシ			
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	
<i>Favia pallida</i> (Dana, 1846) ウスチャキクメイシ			
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	
<i>Favia rotumana</i> (Gardiner, 1899) ロツマキクメイシ			
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	
<i>Favia rotundata</i> (Veron and Pichon, 1977) アツキクメイシ			
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
<i>Favia speciosa</i> Dana, 1846 キクメイシ			
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 fava</i> in Uchida & Fukuda (1989b).			
<i>Favia stelligera</i> (Dana, 1846) ホシキクメイシ			
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).			
<i>Favia truncatus</i> Veron, 2000			
706	1974-2000	Yaeyama Islands	
<i>Favia</i> aff. <i>truncatus</i> Veron, 2000			
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
<i>Favites abdita</i> (Ellis and Solander, 1786) カメノコキクメイシ			
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	
<i>Favites chinensis</i> (Verrill, 1866) シナキクメイシ			
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	
<i>Favites</i> aff. <i>chinensis</i> (Verrill, 1866) シナキクメイシ			
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	
<i>Favites</i> aff. <i>flexuosa</i> (Dana, 1846)			
106	1975/4/12	West of Kuroshima, 3 m deep	T. Fukuda
538	1976/9/15	Fuki, Kuroshima, inner reef	T. Fukuda
<i>Favites halicora</i> (Ehrenberg, 1834) マルカメノコキクメイシ			
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
<i>Favites stylifera</i> Yabe and Sugiyama, 1937			
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).			
<i>Goniastrea aspera</i> Verrill, 1905 パリカメノコキクメイシ			
229	1975/9/10	Anadomari, Kuroshima, inner reef, 1 m deep	T. Fukuda
1071	1978/4/28	Off Nishinohama, Kuroshima	M. Irie
<i>Goniastrea australensis</i> (Milne Edwards and Haime, 1857) ウネカメノコキクメイシ			
627	1974-2000	Yaeyama Islands	
<i>Goniastrea edwardsi</i> Chevalier, 1971 ヒラカメノコキクメイシ			
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
<i>Goniastrea favulus</i> (Dana, 1846) ヒメウネカメノコキクメイシ			
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).			
<i>Goniastrea pectinata</i> (Ehrenberg, 1834) コカメノコキクメイシ			
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).			
<i>Goniastrea retiformis</i> (Lamarck, 1816) コモンキクメイシ			
216	1975/9/9	Fuki, Kuroshima, inner reef, 3 m deep	T. Fukuda
893	1991	Yaeyama Islands	
<i>Leptastrea pruinosa</i> Crossland, 1952 トゲルリサンゴ			
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).			
<i>Leptastrea purpurea</i> (Dana, 1846) ルリサンゴ			
1113	1974-2000	Yaeyama Islands	
<i>Leptastrea transversa</i> (Klunzinger, 1877) アラルリサンゴ			
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
<i>Leptoria phrygia</i> (Ellis and Solander, 1786) ナガレサンゴ			
15	1975/1/24	Fuki, Kuroshima, inner reef, 2-4 m deep	T. Fukuda
709	1974-2000	Yaeyama Islands	
<i>Leptoria irregularis</i> (Veron, 1990) ミダレナガレサンゴ			
492	2000/1/3	Yaeyama Islands, 8 m deep	K. Nomura & T. Kondo
<i>Montastraea annuligera</i> (Milne Edwards and Haime, 1849) ルリマルキクメイシ			
695	2000/1/1	Yaeyama Islands	
<i>Montastraea curta</i> (Dana, 1846) マルキクメイシ			
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	
<i>Montastraea magnistellata</i> Chevalier, 1971 オオマルキクメイシ			
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	
<i>Montastraea valenciennesi</i> (Milne Edwards and Haime, 1848) タカクキクメイシ			
738	1976/9/14	Fuki, Kuroshima, inner reef	T. Fukuda
741	1991	Yaeyama Islands	
1124	1974-2000	Yaeyama Islands	
<i>Montastraea aff. valenciennesi</i> (Milne Edwards and Haime, 1848) タカクキクメイシ			
500	1974-1988	Yaeyama Islands	
<i>Montastraea salebrosa</i> (Nemenzo, 1959)			
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).			
<i>Oulophyllia bennettiae</i> (Veron and Pichon, 1977)			
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
<i>Oulophyllia aff. bennettiae</i> (Veron and Pichon, 1977)			
690	1999/12/30	Nakamoto, Kuroshima, outer reef	K. Nomura & T. Kondo
1044	1978/5/5	Urabishi Reef, off northeast of Kuroshima	M. Irie
<i>Oulophyllia crispa</i> (Lamarck, 1816) オオナガレサンゴ			
734	1974-2000	Yaeyama Islands	
1082	1974-1988	Kuroshima	
1121	1974-2000	Yaeyama Islands	
<i>Oulastrea crispata</i> (Lamarck, 1816) キクメイシモドキ			
1037	1987/10/1	Kabira Bay, Ishigakijima	H. Misaki
<i>Platygyra contorta</i> Veron, 1990 ミダレノウサンゴ			
966	1974-2000	Yaeyama Islands	
<i>Platygyra daedalea</i> (Ellis and solander, 1786) ヒラノウサンゴ			
17	1975/1/24	Fuki, Kuroshima, inner reef, 2-4 m deep	T. Fukuda
<i>Platygyra lamellina</i> (Ehrenberg, 1834) ノウサンゴ			
13	1975/1/24	Fuki, Kuroshima, inner reef, 2-4 m deep	T. Fukuda
<i>Platygyra pini</i> Chevalier, 1975 ヒメノウサンゴ			
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	
<i>Platygyra ryukyuensis</i> Yabe and Sugiyama, 1936 リュウキュウノウサンゴ			
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
<i>Platygyra sinensis</i> (Milne Edwards and Haime, 1849) シナノウサンゴ			
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
<i>Plesiastrea versipora</i> (Lamarck, 1816) コマルキクメイシ			
675	2000/1/4	South of Kuroshima, outer reef, 10 m deep	K. Nomura & T. Kondo
Euphyllidae ハナサンゴ科			
<i>Euphyllia ancora</i> Veron and Pichon, 1980 ナガレハナサンゴ			
112	1975/5/5	West of Kayamajima, 3 m deep	T. Fukuda
113	1975/5/5	West of Kayamajima, 4 m deep	T. Fukuda
<i>Euphyllia divisa</i> Veron and Pichon, 1980 コエダナガレハナサンゴ			
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
<i>Euphyllia glabrescens</i> (Chamisso and Eysenhardt, 1821) ハナサンゴ			
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
<i>Euphyllia yaeyamaensis</i> (Shirai, 1980) ハナブサツツマルハナサンゴ			
148	1975/5/23	Fuki, Kuroshima, outer reef, 10 m deep	T. Fukuda
<i>Euphyllia</i> spp.			
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
<i>Physogyra lichtensteini</i> (Milne Edwards and Haime, 1851) オオハナサンゴ			
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
<i>Plerogyra sinuosa</i> (Dana, 1846) ミズタマサンゴ			
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	
Dendrophylliidae キサンゴ科			
<i>Turbinaria frondens</i> (Dana, 1846) ウネリスリバチサンゴ			
1076	1978/4/23	Off Hori, Kuroshima	M. Irie
<i>Turbinaria irregularis</i> Bernard, 1896 ツツスリバチサンゴ			
566	1976/9/15	Fuki, Kuroshima, inner reef	T. Fukuda

KU-C No.	Date	Locality	Collect
<i>Turbinaria mesenterina</i> (Lamarck, 1816) スリバチサンゴ			
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	
<i>Turbinaria peltata</i> (Esper, 1794) オオスリバチサンゴ			
568	1974-2000	Yaeyama Islands	
<i>Turbinaria reniformis</i> Bernard, 1896 ヨコミゾスリバチサンゴ			
414	1976	Kuroshima	T. Fukuda
524	1974-2000	Yaeyama Islands	
526	1974-2000	Yaeyama Islands	
983	1974-2000	Yaeyama Islands	
<i>Turbinaria stellulata</i> (Lamarck, 1816) ヒメスリバチサンゴ			
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
<i>Turbinaria</i> aff. <i>stellulata</i> (Lamarck, 1816)			
1075	1976/9/14	Fuki, Kuroshima, inner reef	T. Fukuda
<i>Turbinaria</i> sp.			
911	1974-2000	Yaeyama Islands	
Stolonifera 根生目			
Tubiporidae クダサンゴ科			
<i>Tubipora musica</i> Linnaeus, 1758 クダサンゴ			
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	
Helioporacea 共莖目			
Helioporidae アオサンゴ科			
<i>Heliopora coerulea</i> (Pallas, 1766) アオサンゴ			
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
Hydrozoa ヒドロ虫綱			
Milleporina アナサンゴモドキ目			
Milleporidae アナサンゴモドキ科			
<i>Millepora exaesa</i> Forskål, 1775 カンボクアナサンゴモドキ			
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	
<i>Millepora intricata</i> Milne Edwards, 1857 ホソエダアナサンゴモドキ			
1051	1987/12/14	West of Kayamajima, 2 m deep	F. Iwase
<i>Millepora platyphylla</i> Hemprich and Ehrenberg, 1834 イタアナサンゴモドキ			
495	2004/6/14	North of Kuroshima Island	
503	1974-1988	Kuroshima	
1050	1978/4/20	Off Hori, Kuroshima	M. Irie
<i>Millepora tenella</i> Ortmann, 1892 ヤツデアナサンゴモドキ			
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	
<i>Millepora</i> spp.			
479	2004/6/14	North of Kuroshima	
792	2004/6/14	North of Kuroshima	

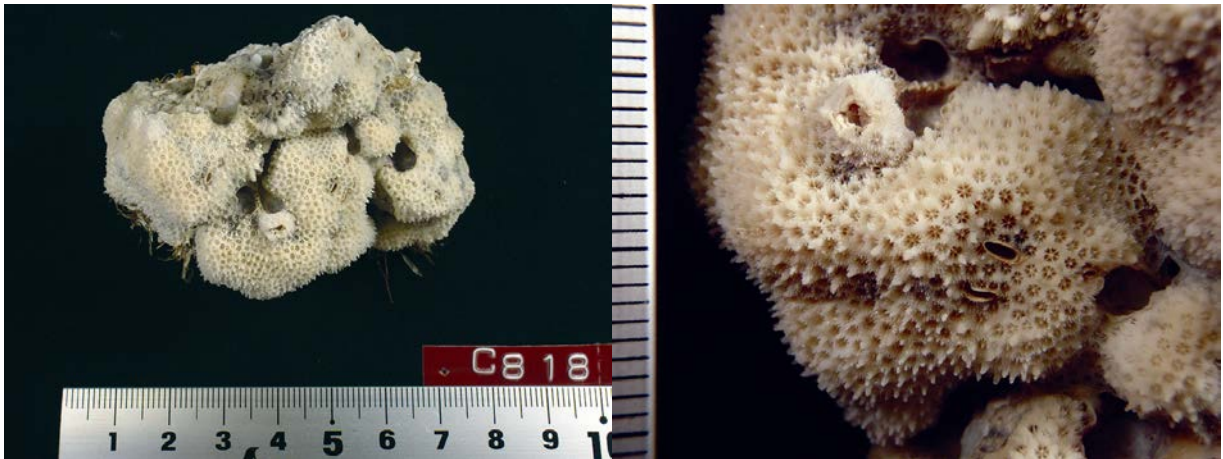
图 版

Plates

Astrocoeniidae



Palauastrea ramose, KU-C 300

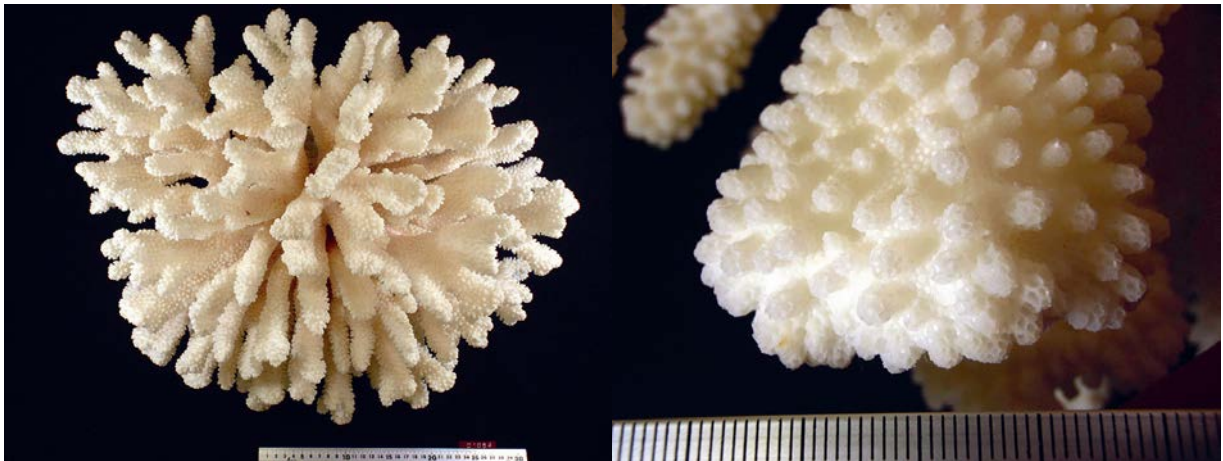


Stylocoeniella guentheri, KU-C 818

Pocilloporidae



Pocillopora damicornis, KU-C 1063



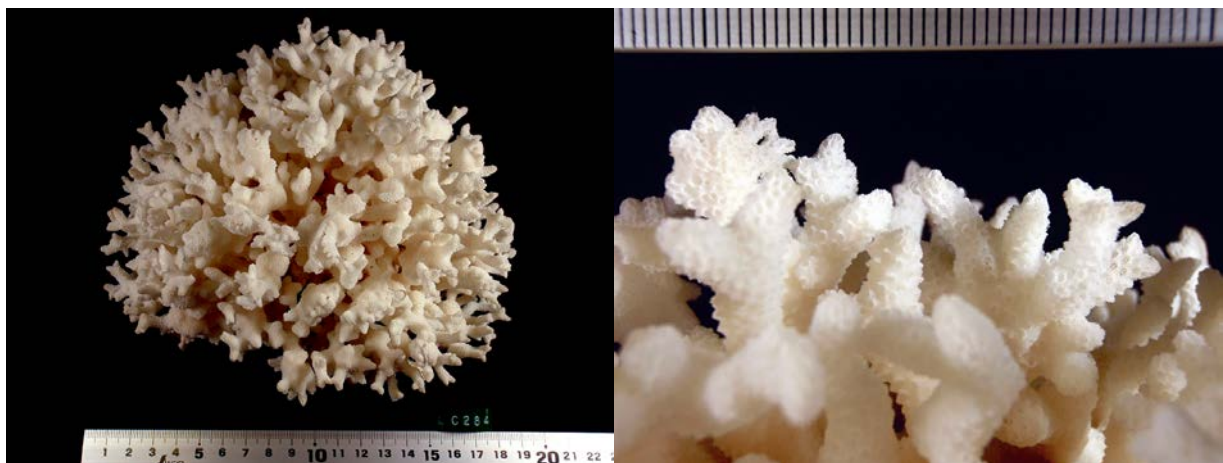
Pocillopora eydouxi, KU-C 1054



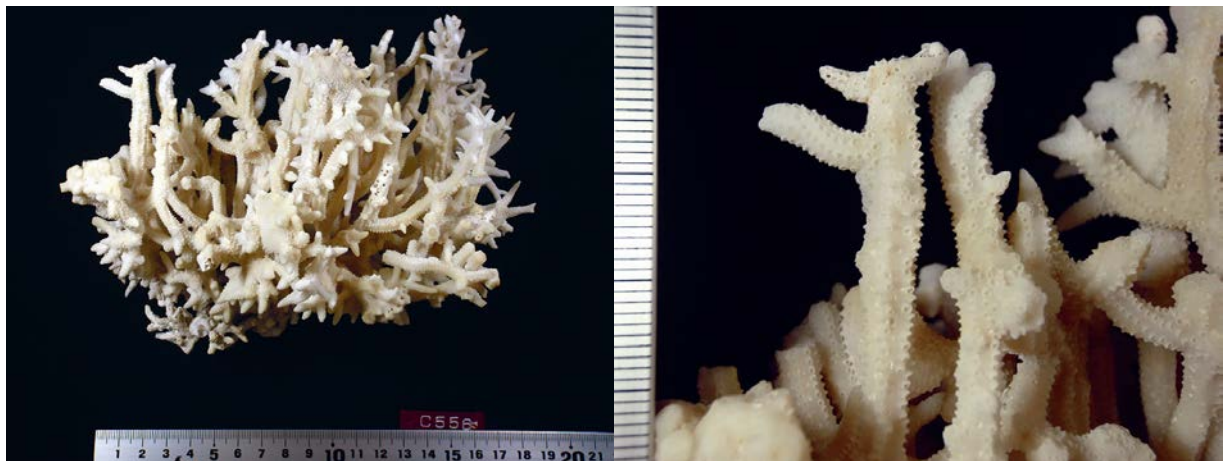
Pocillopora meandrina, KU-C 318



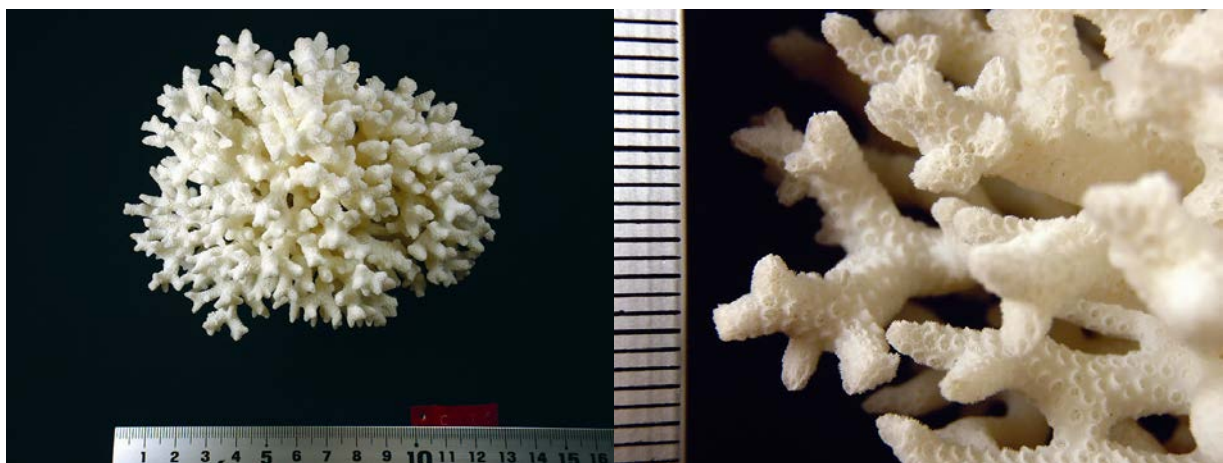
Pocillopora verrucosa, KU-C 331



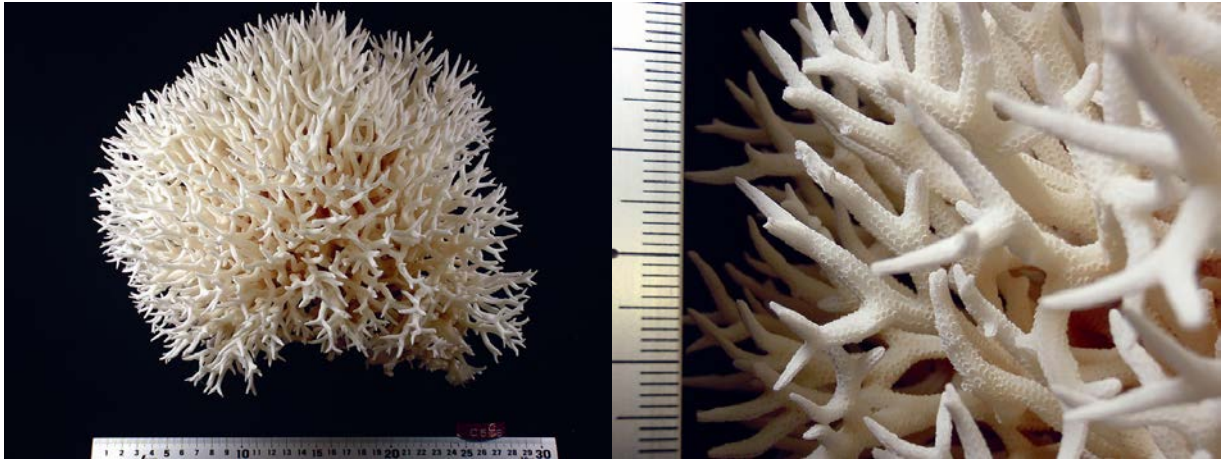
Seriatopora aff. *aculeata*, KU-C 284



Seriatopora *caliendrum*, KU-C 556



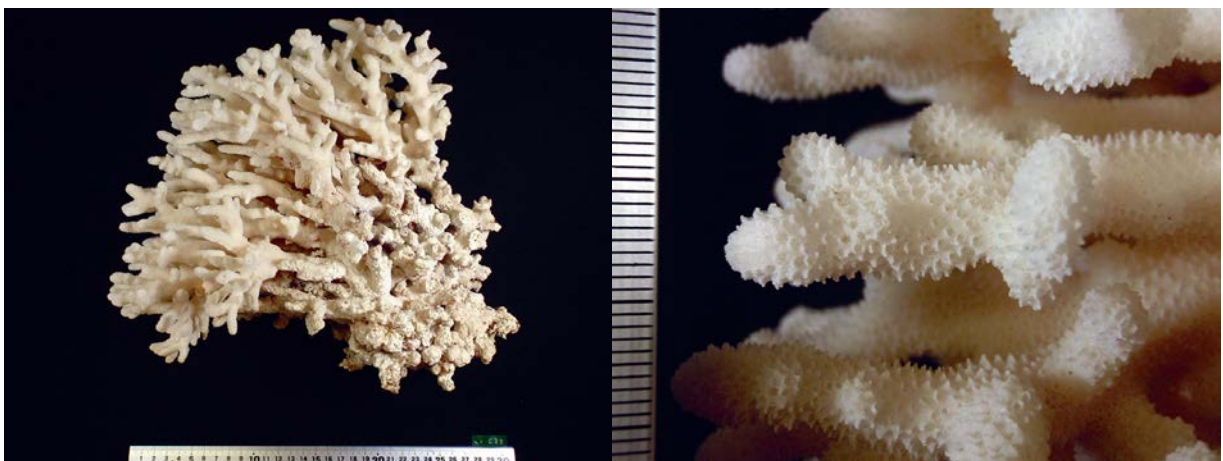
Seriatopora *guttatus*, KU-C 190



Seriatopora hystrix, KU-C 578



Seriatopora stellata, KU-C 575

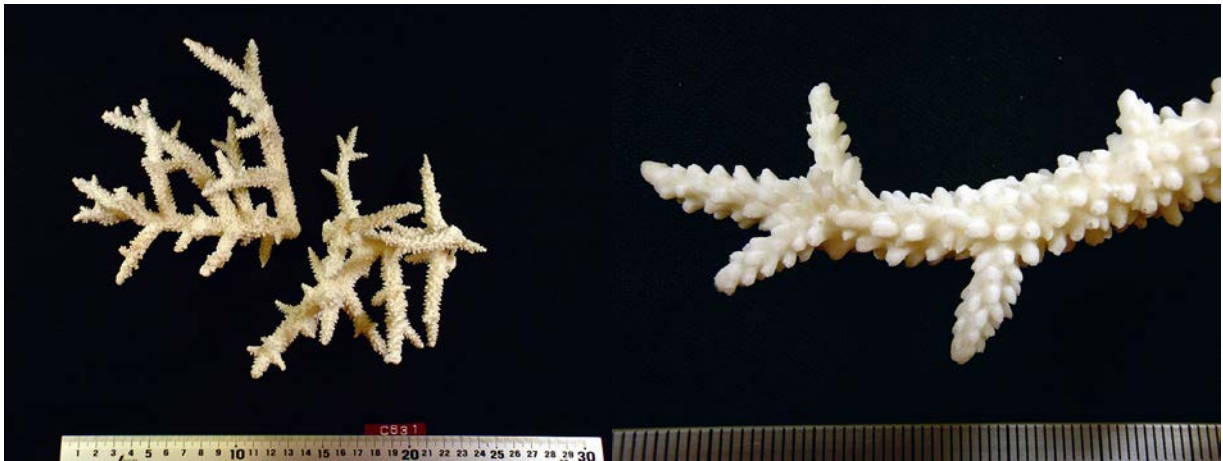


Stylophora pistillata, KU-C 25

Acroporidae



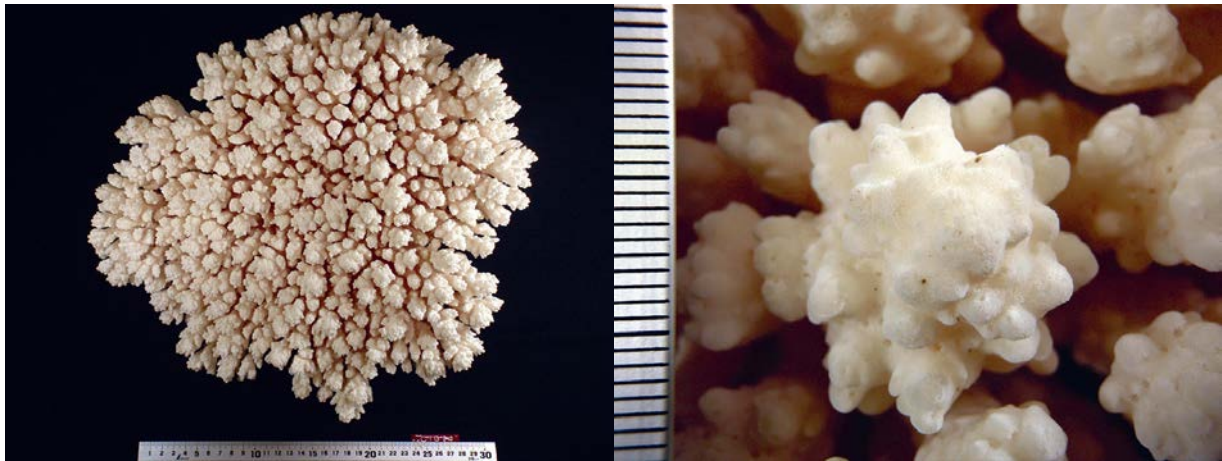
Acropora abrotanoides, KU-C 325



Acropora acuminata, KU-C 631



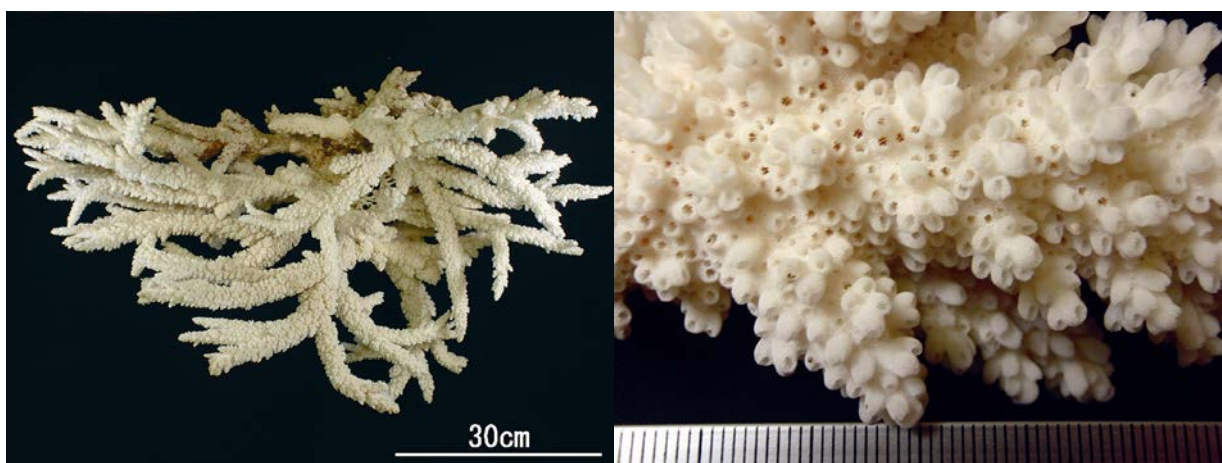
Acropora anthocercis, KU-C 1006



Acropora aff. *anthocercis*, KU-C 1014



Acropora aspera, KU-C 171



Acropora austera, KU-C 1058



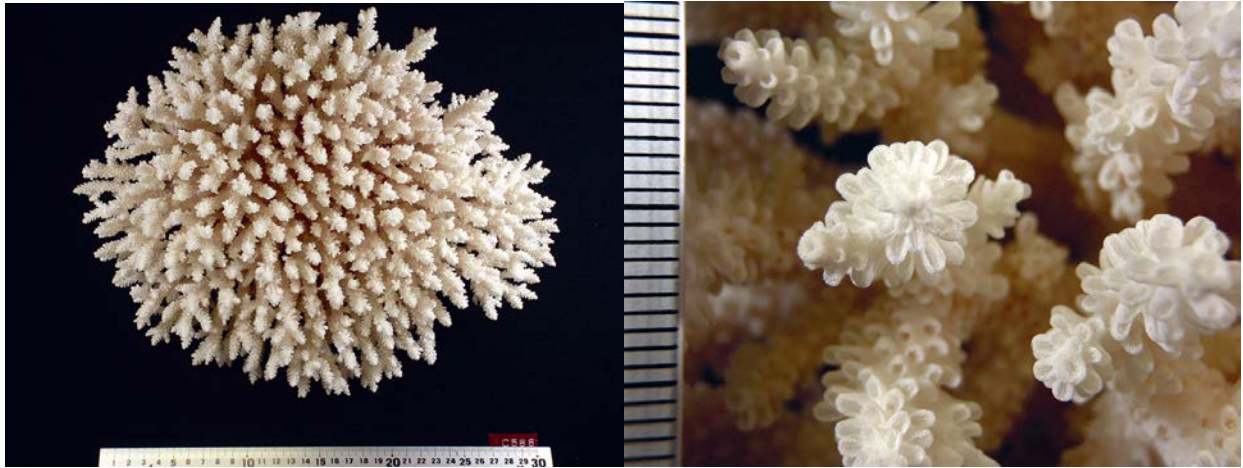
Acropora awi, KU-C 617



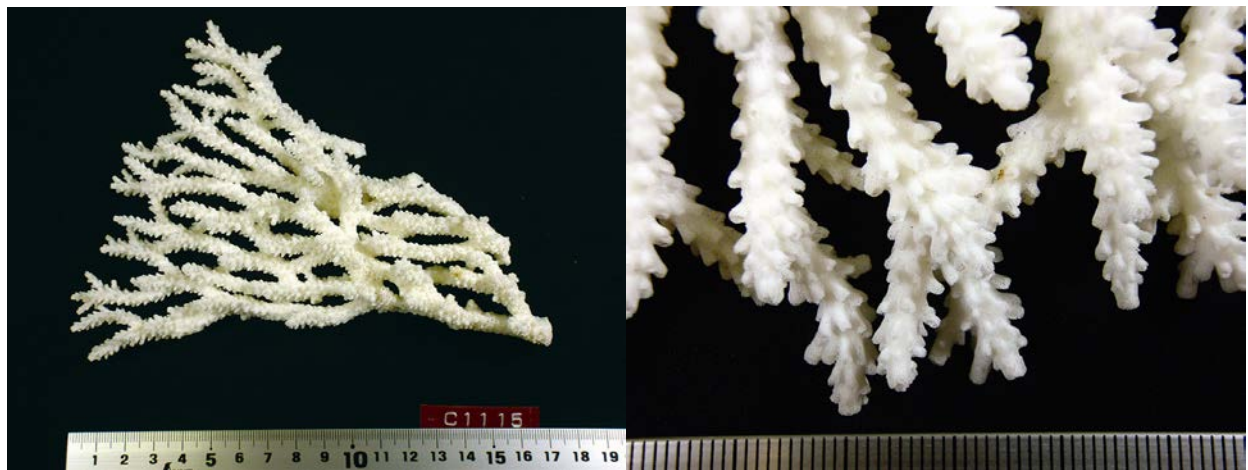
Acropora aff. *batsunai*, KU-C 98



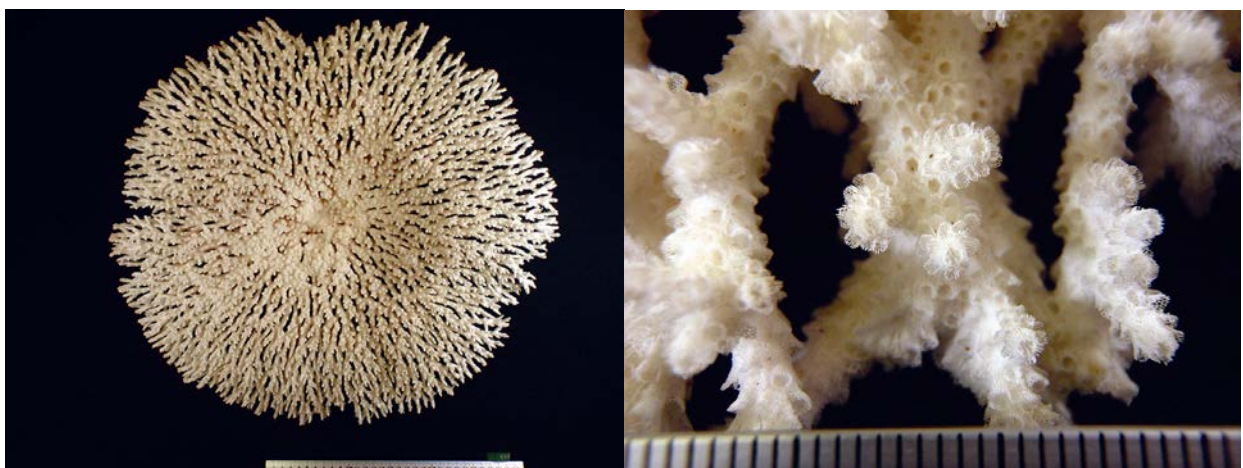
Acropora carduus, KU-C 49



Acropora cerealis, KU-C 586



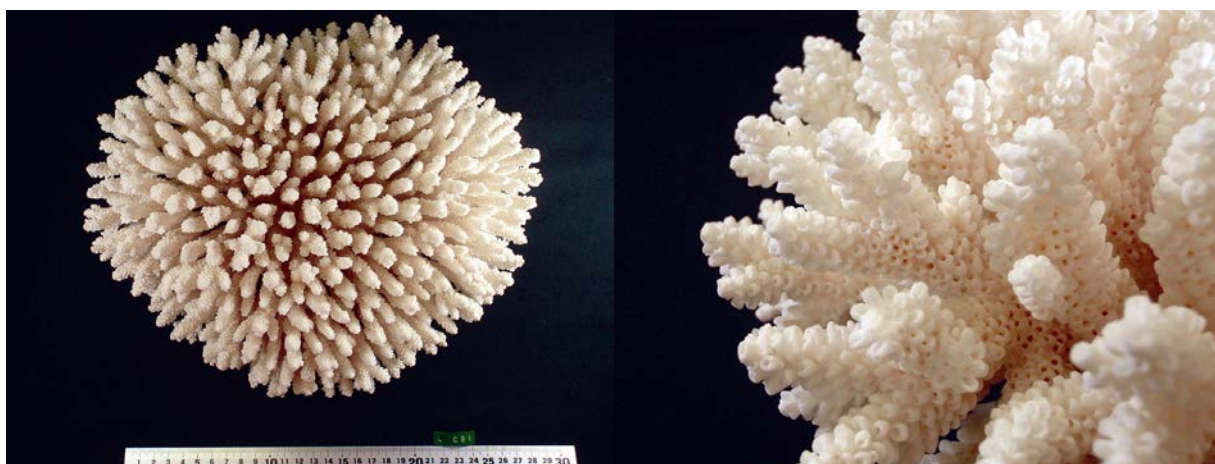
Acropora clathrata, KU-C 1115



Acropora cytherea, KU-C 44



Acropora derawanensis, KU-C 939



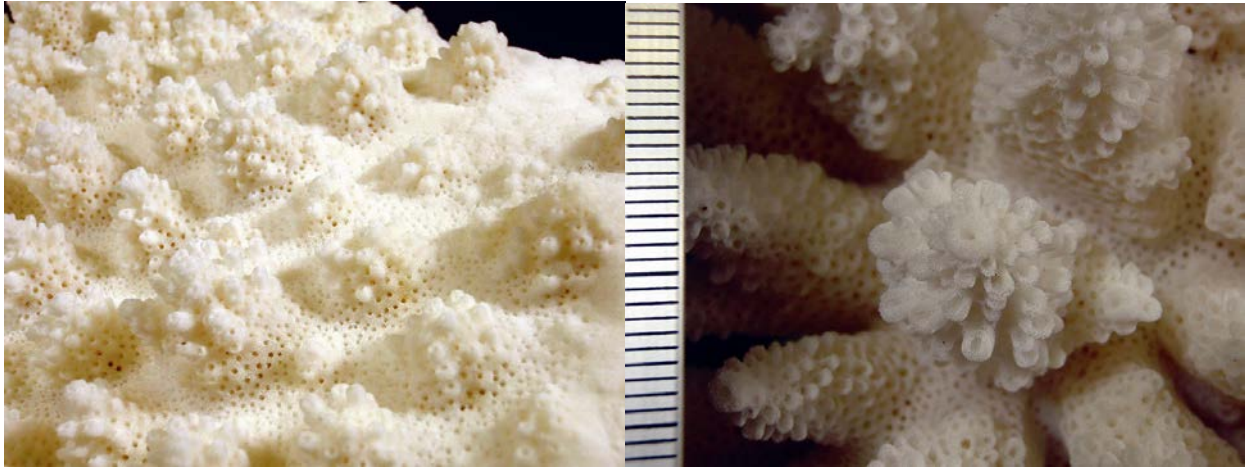
Acropora digitifera, KU-C 91



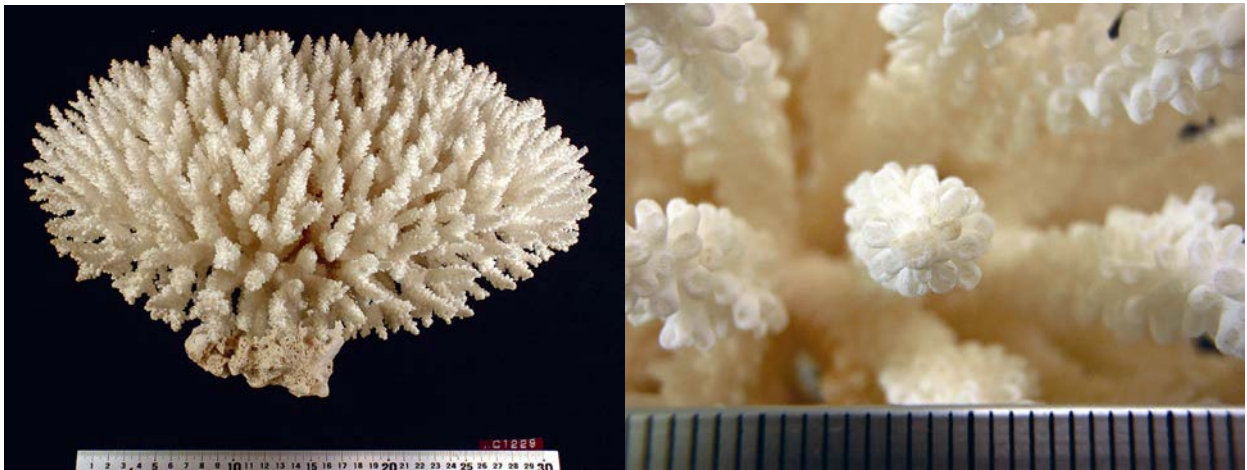
Acropora digitifera, KU-C 91



Acropora aff. *digitifera*, KU-C 95



Acropora aff. *digitifera*, KU-C 95



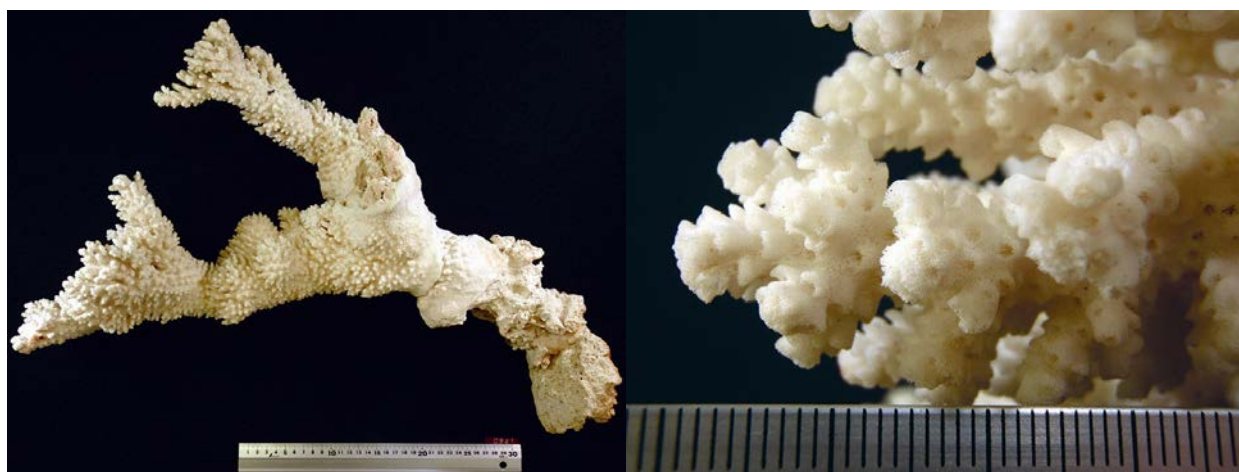
Acropora divaricata, KU-C 1229



Acropora echinata, KU-C 611



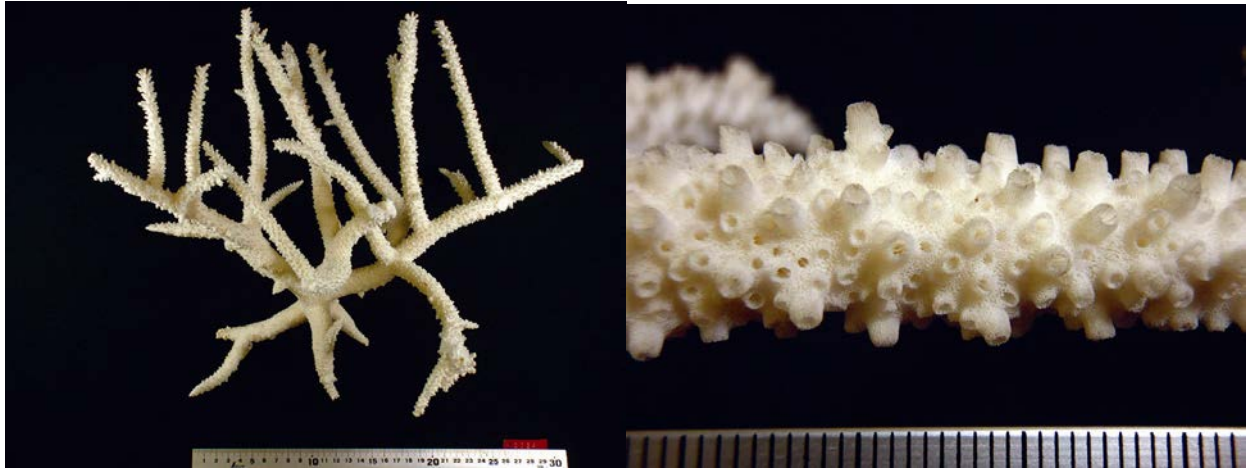
Acropora elseyi, KU-C 253



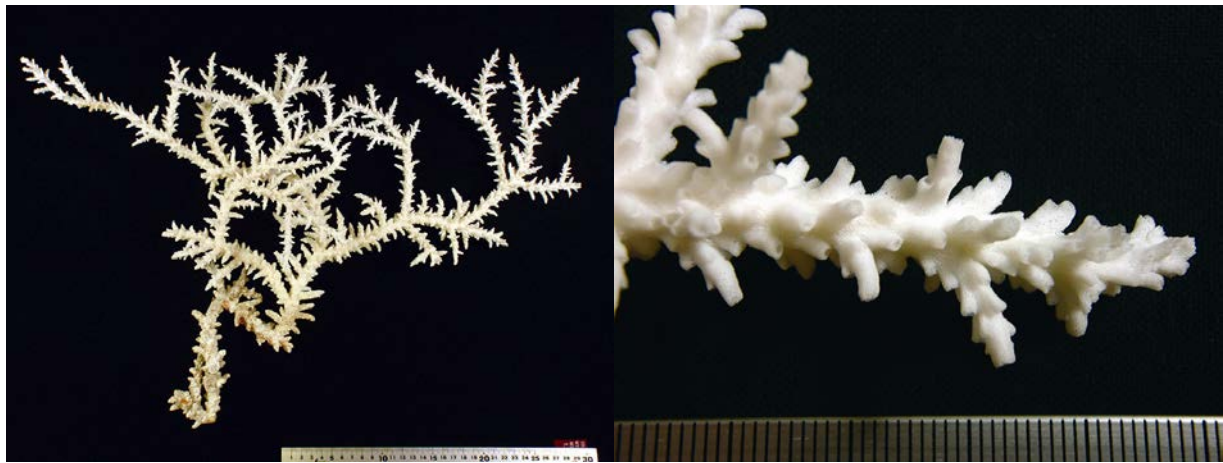
Acropora florida, KU-C 641



Acropora gemmifera, KU-C 655



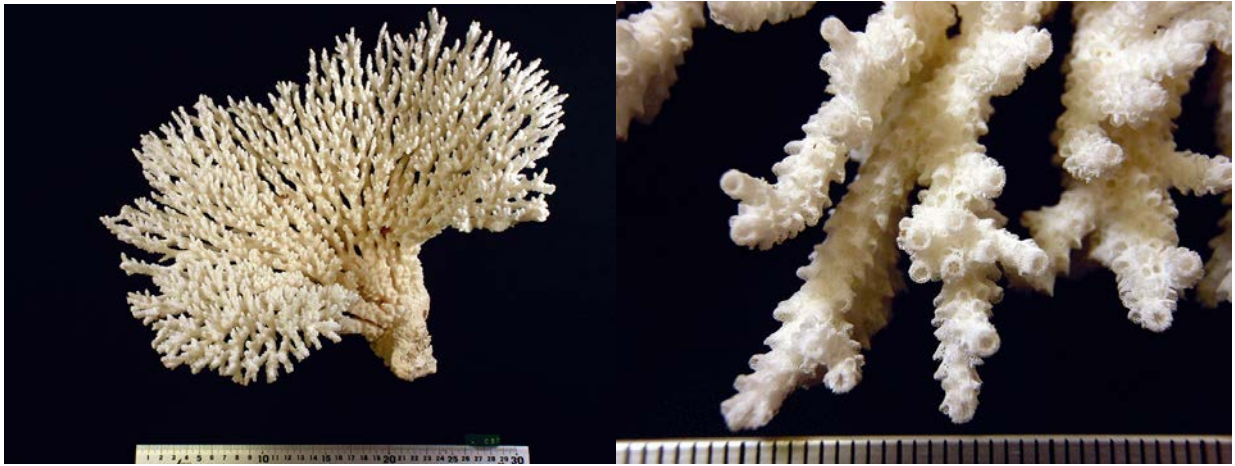
Acropora grandis, KU-C 324



Acropora horrida, KU-C 559



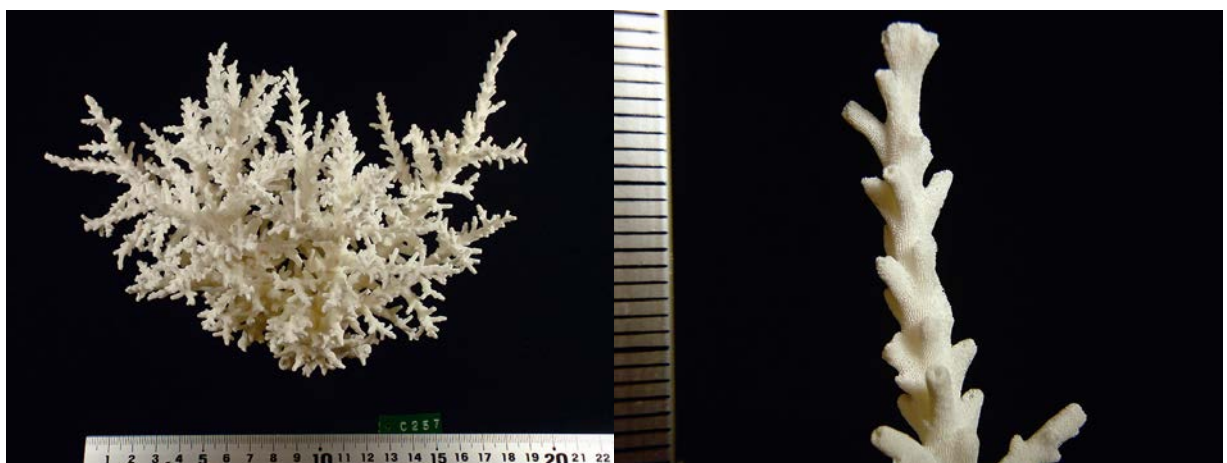
Acropora humilis, KU-C 1137



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



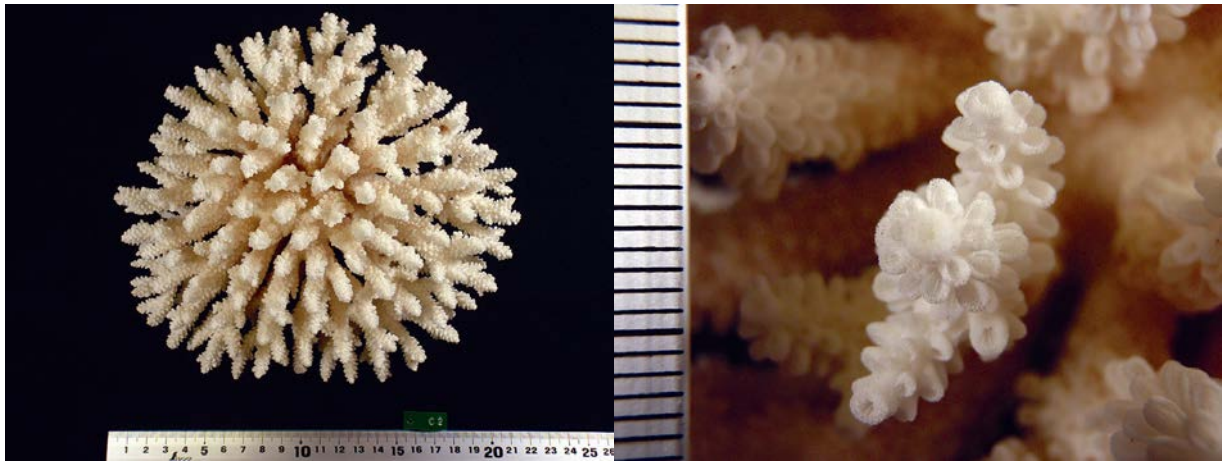
Acropora millepora, KU-C 1018



Acropora muricata, KU-C 326



Acropora nana, KU-C 1017



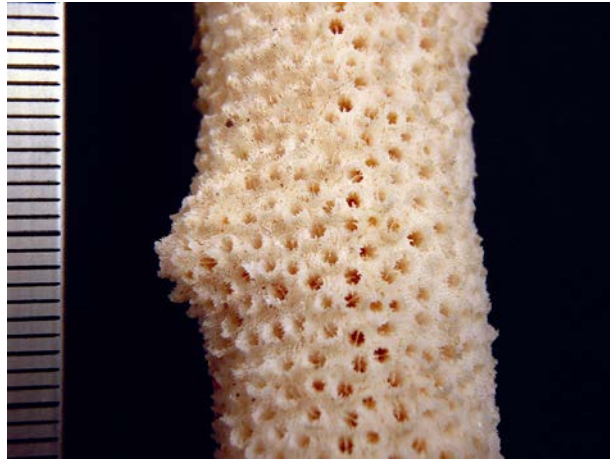
Acropora nasuta, KU-C 2



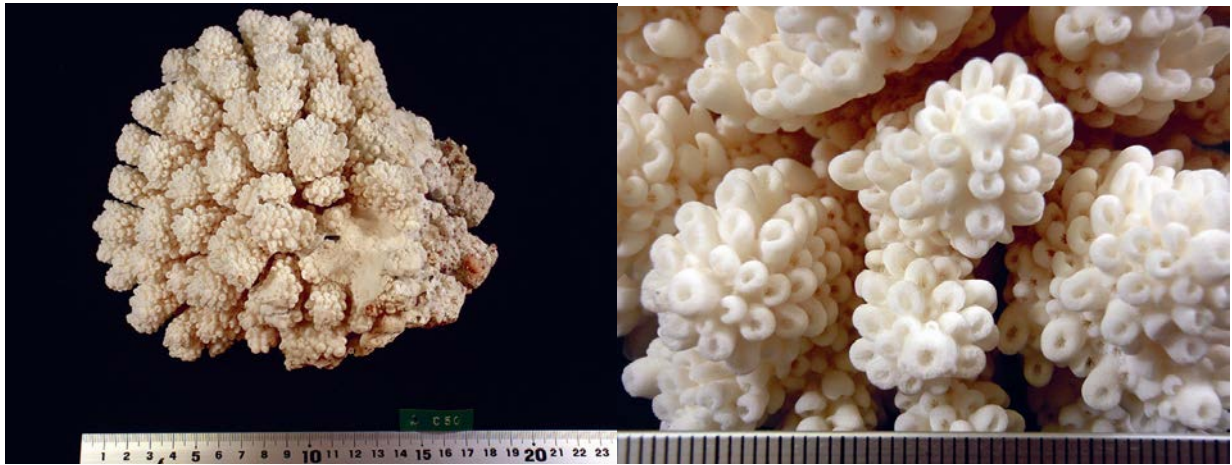
Acropora pulchra, KU-C 880



Acropora aff. *pulchra*, KU-C 455



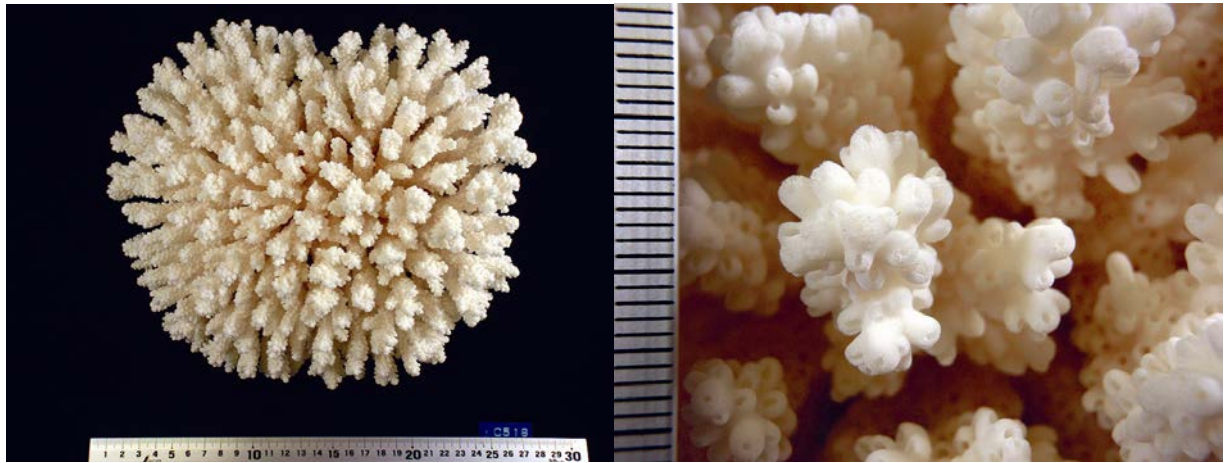
Acropora aff. *pulchra*, KU-C 455



Acropora retusa, KU-C 50



Acropora robusta, KU-C 530



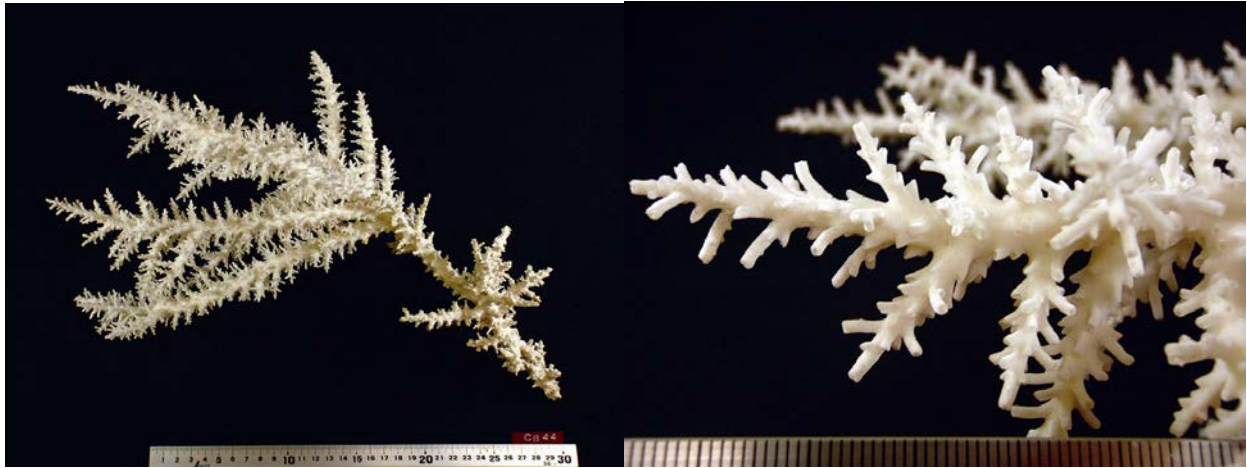
Acropora secale, KU-C 518



Acropora selago, KU-C 1167



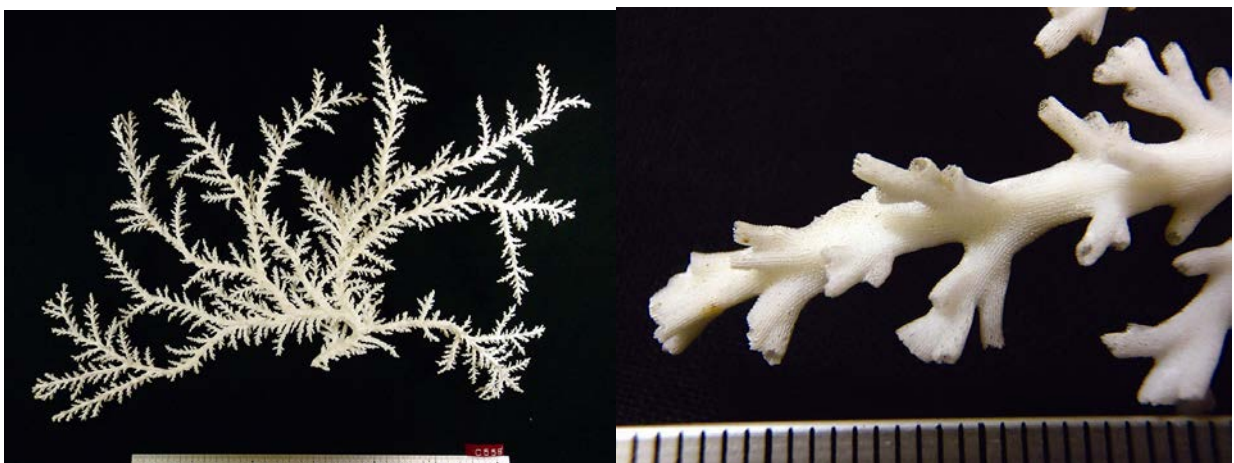
Acropora spathulata, KU-C 629



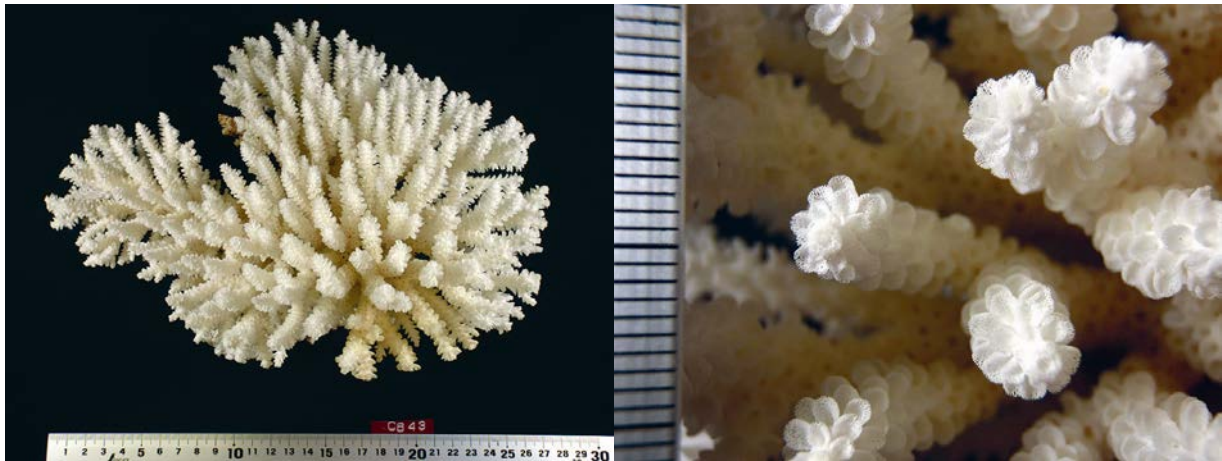
Acropora subglabra, KU-C 644



Acropora subulata, KU-C 36



Acropora tenella, KU-C 558



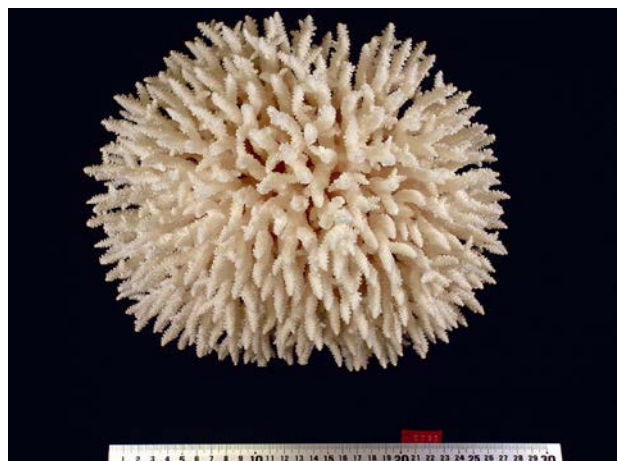
Acropora tenuis, KU-C 643



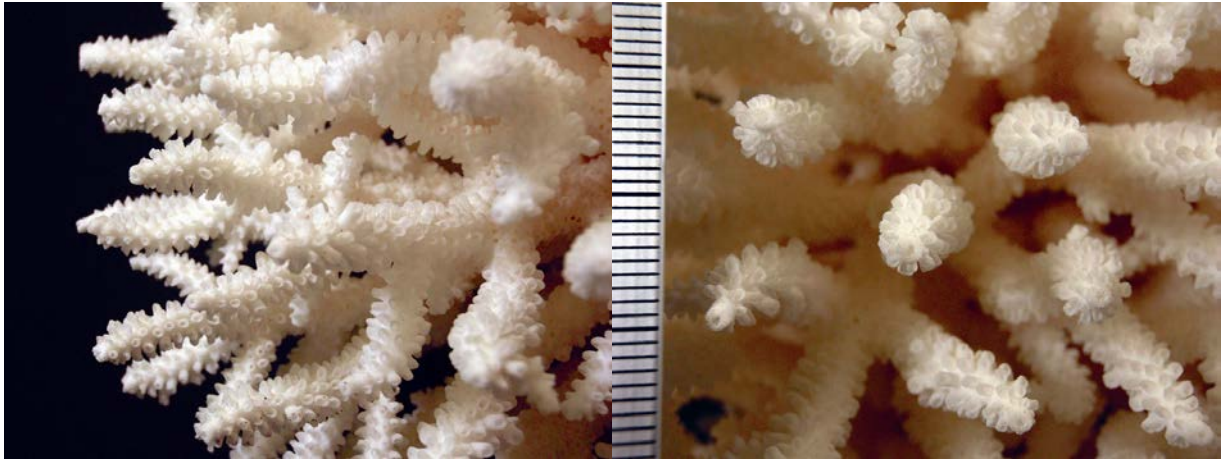
Acropora valida, KU-C 251



Acropora valida, KU-C 251



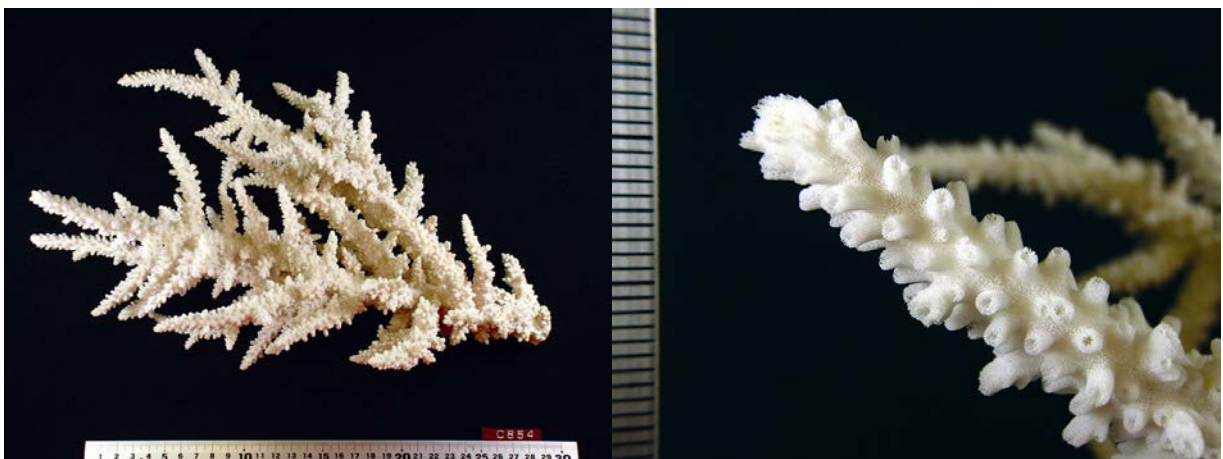
Acropora aff. *valida*, KU-C 323



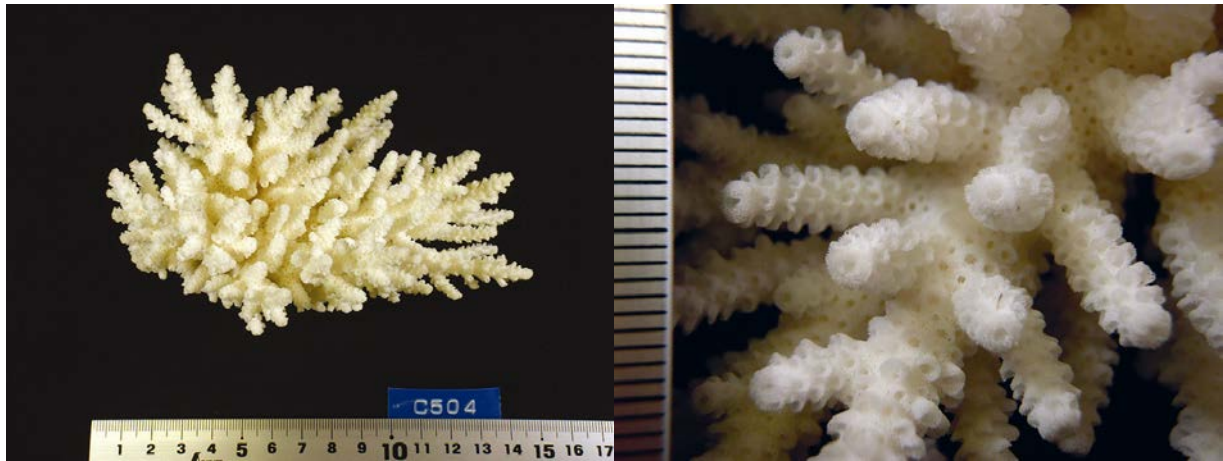
Acropora aff. *valida*, KU-C 323



Acropora aff. *variolosa*, KU-C 1059



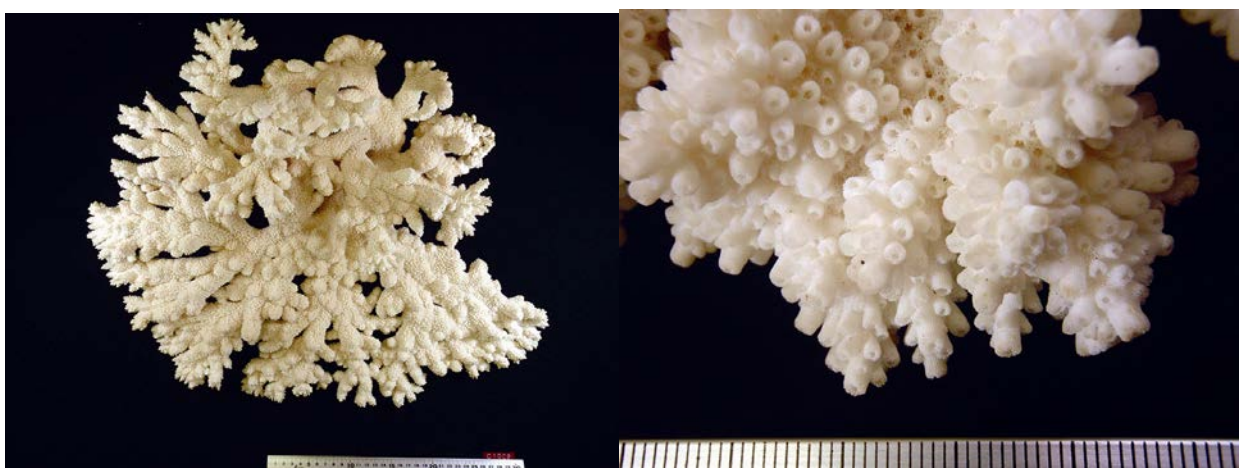
Acropora *vauhani*, KU-C 654



Acropora verweyi, KU-C 504



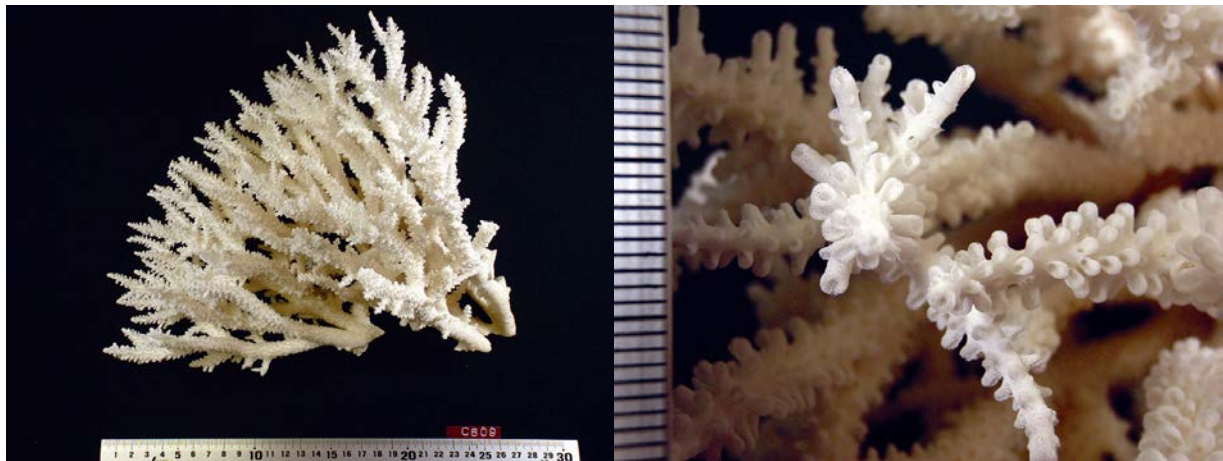
Acropora yangei, KU-C 249



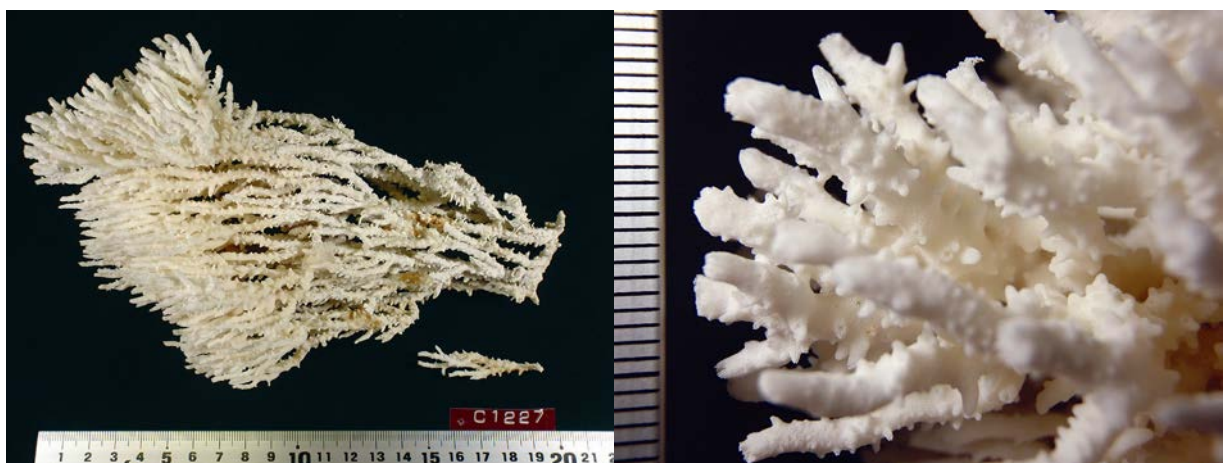
Acropora sp. 1, KU-C 1002



Acropora sp. 2, KU-C 956



Acropora sp. 3, KU-C 609



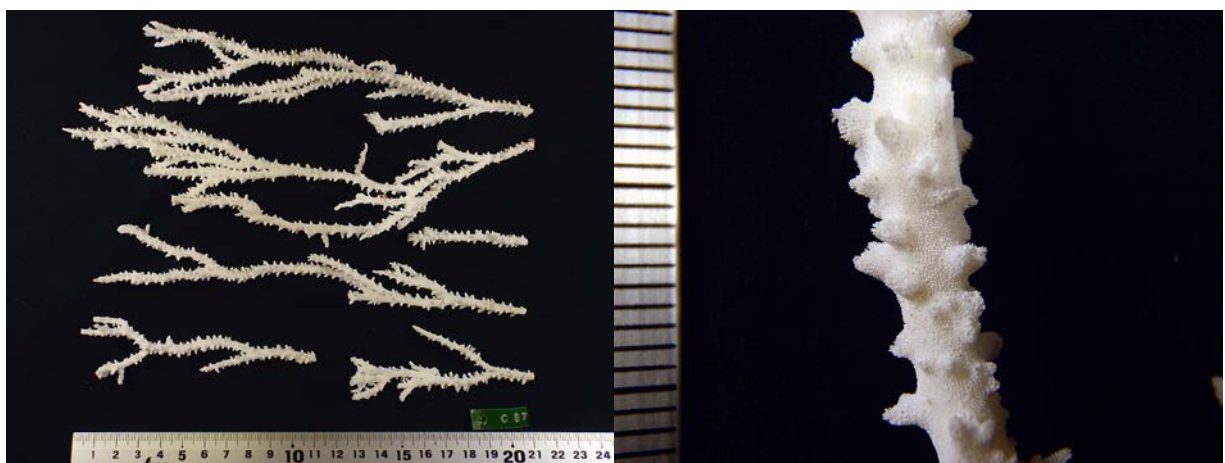
Anacropora forbesi, KU-C 1227



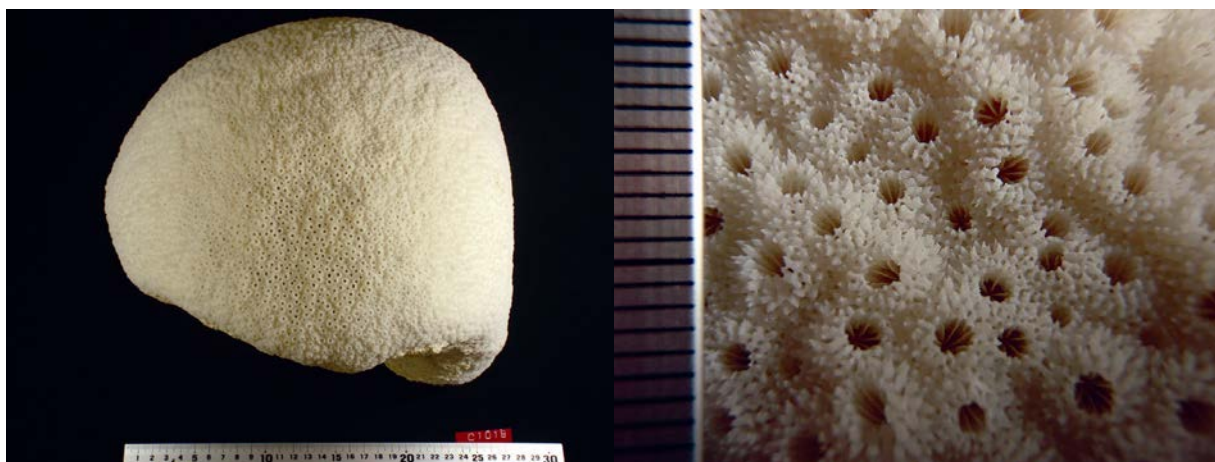
Anacropora matthai, KU-C 775



Anacropora reticulata, KU-C 516



Anacropora spinosa, KU-C 87



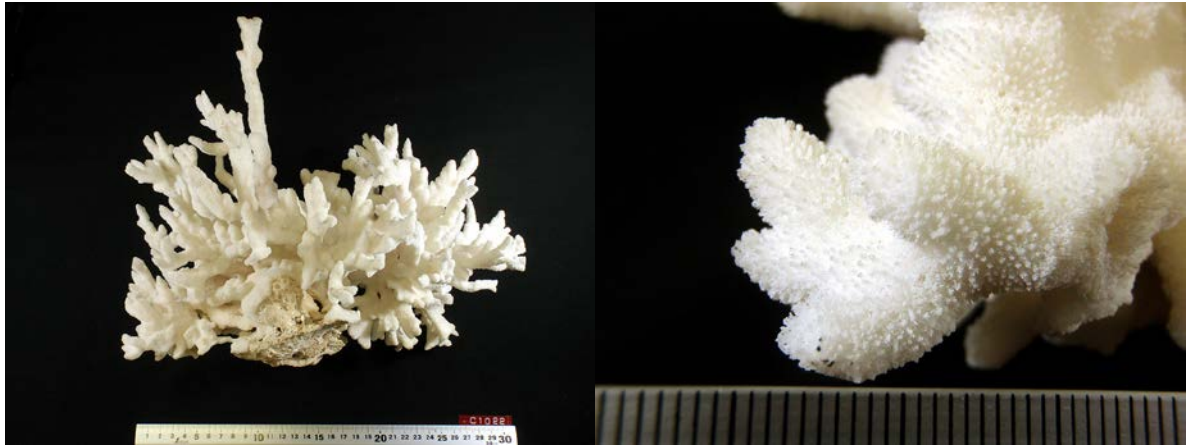
Astreopora myriophthalma, KU-C 1019



Montipora aequituberculata, KU-C 1060



Montipora altasepta, KU-C 809



Montipora cactus, KU-C 1022



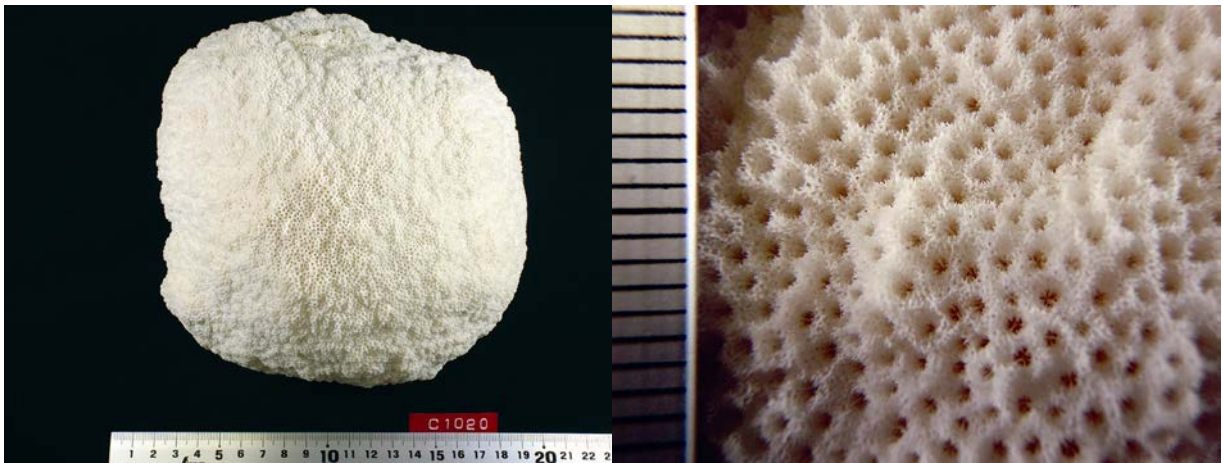
Montipora caliculata, KU-C 891



Montipora digitata, KU-C 322



Montipora floweri, KU-C 1027



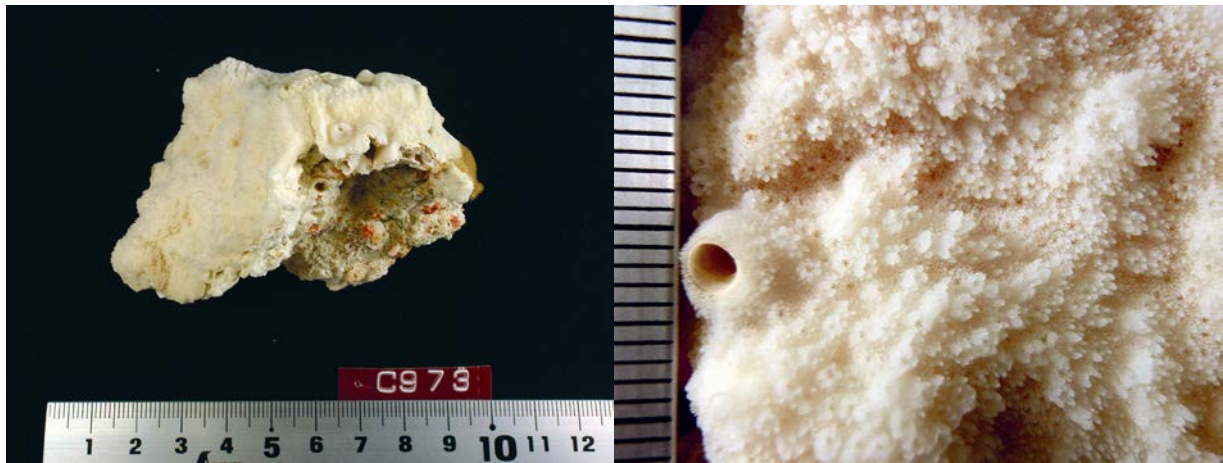
Montipora foveolata, KU-C 1020



Montipora gaimardi, KU-C 899



Montipora grisea, KU-C 509



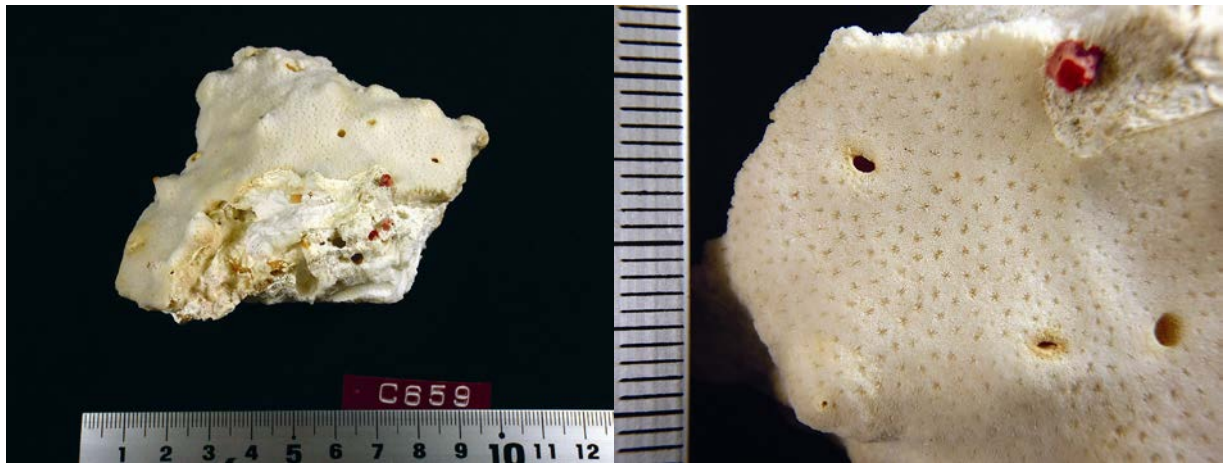
Montipora hispida, KU-C 973



Montipora informis, KU-C 22



Montipora malampaya, KU-C 1021



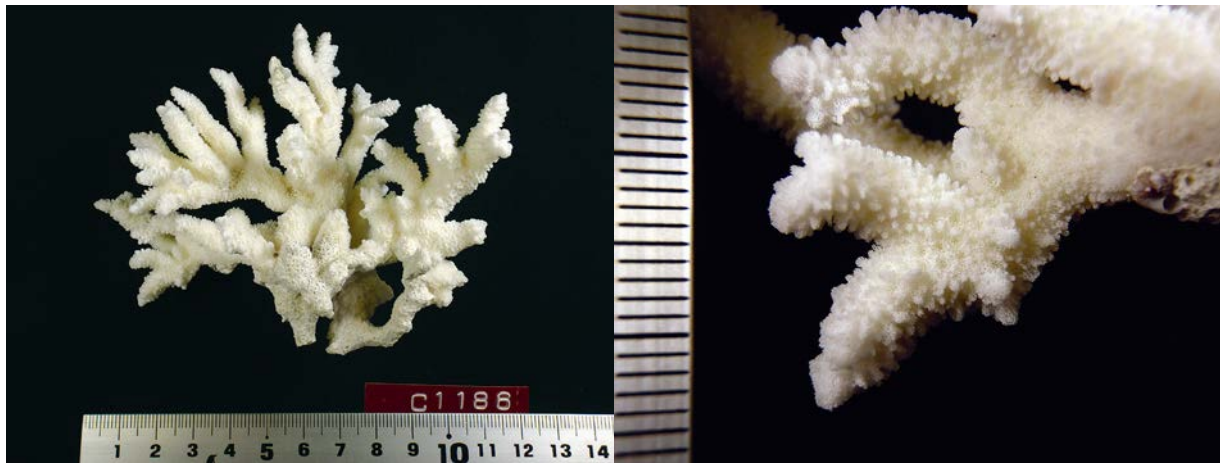
Montipora mollis, KU-C 659



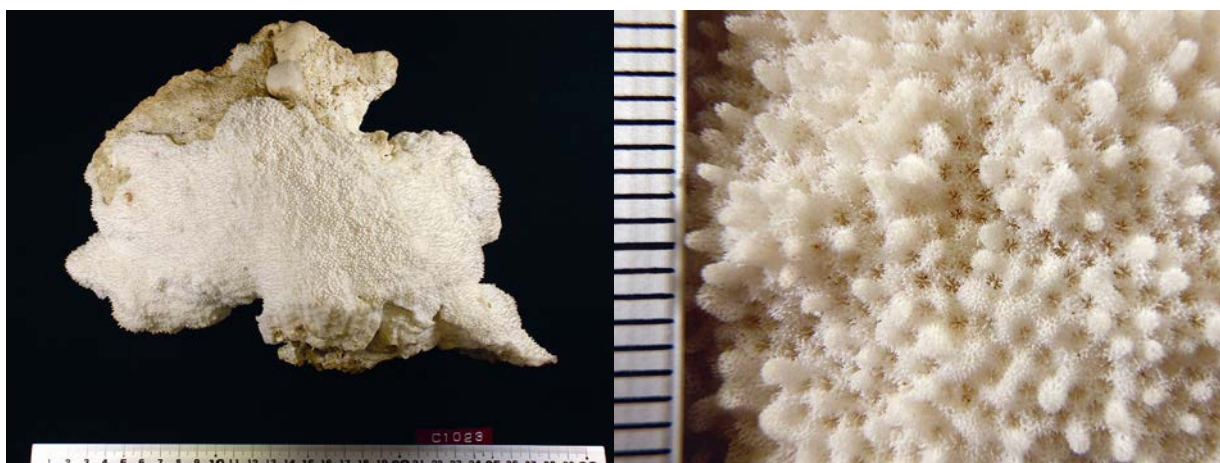
Montipora samarensis, KU-C 532



Montipora spumosa, KU-C 1170



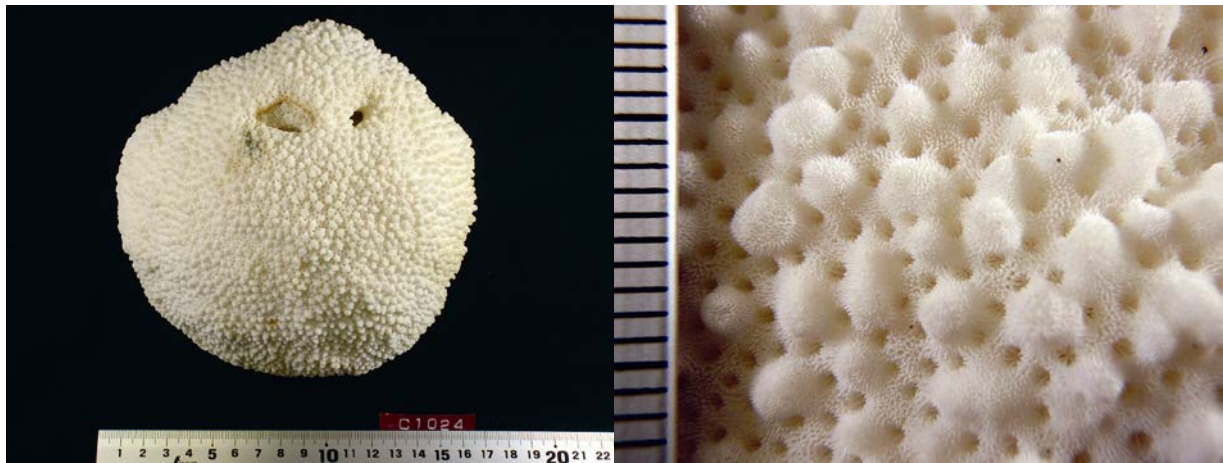
Montipora stellata, KU-C 1186



Montipora tuberculosa, KU-C 1023



Montipora venosa, KU-C 1004



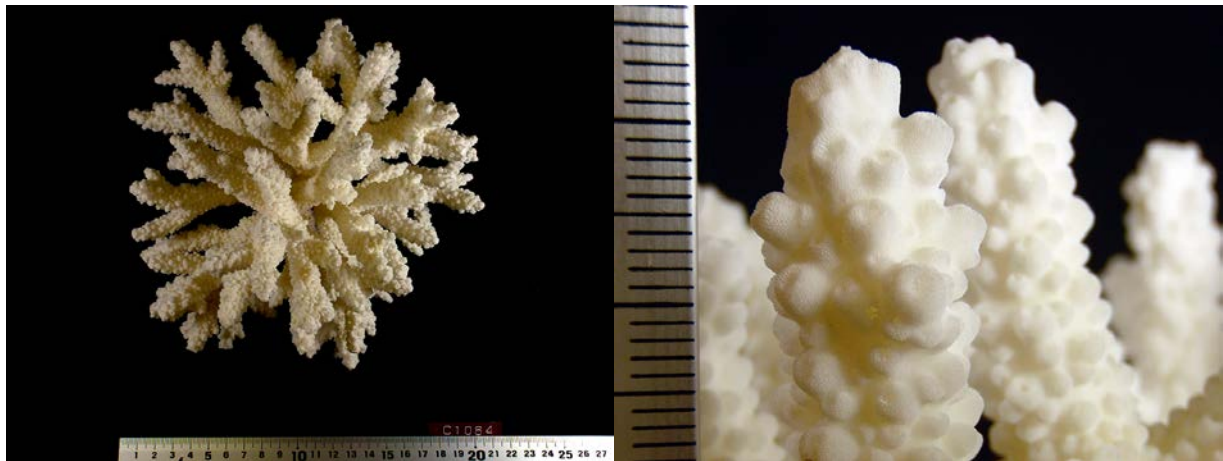
Montipora verrucosa, KU-C 1024



Montipora undata, KU-C 1005



Montipora sp., KU-C 573



Isopora brueggemanni, KU-C 1117

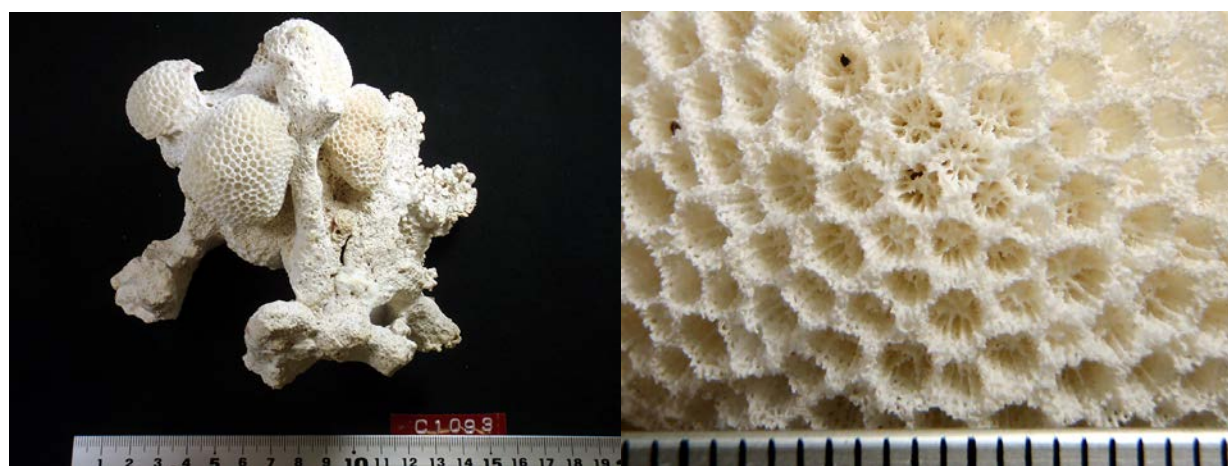


Isopora palifera, KU-C 333

Poritidae



Alveopora verrilliana, KU-C 1029



Goniopora burgosi, KU-C 1093



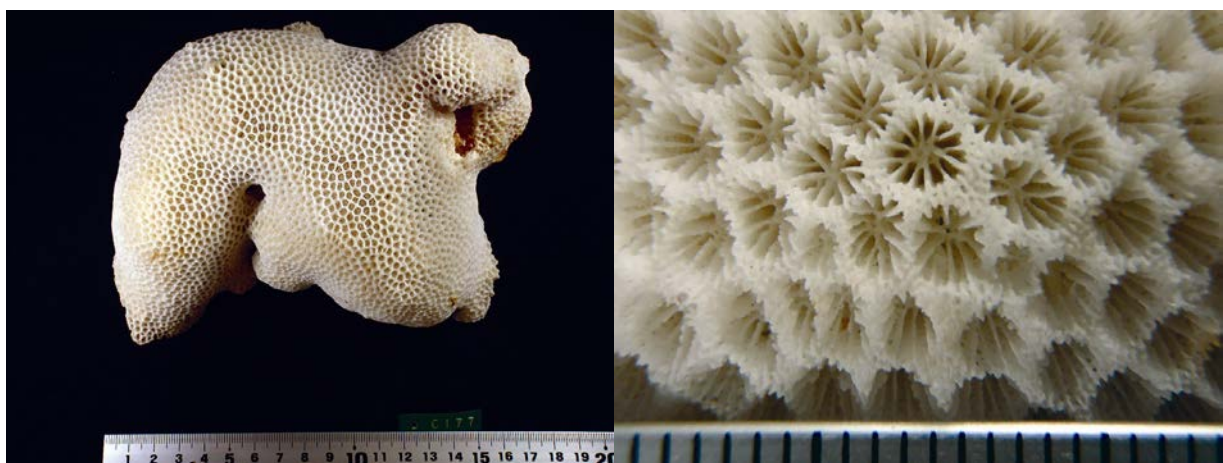
Goniopora djiboutiensis, KU-C 473



Goniopora lobata, KU-C 698



Goniopora minor, KU-C 807



Goniopora norfolkensis, KU-C 177



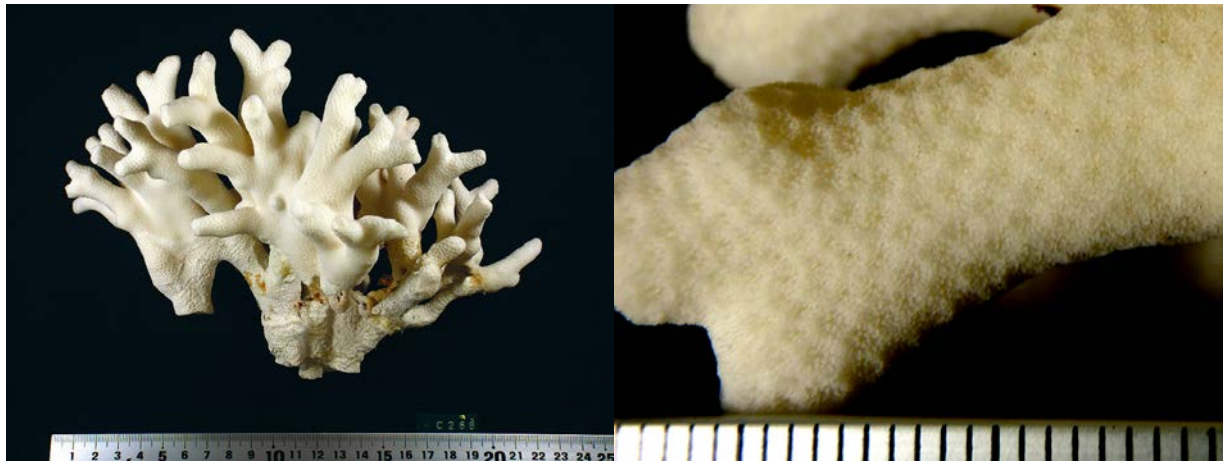
Goniopora pandoraensis, KU-C 117



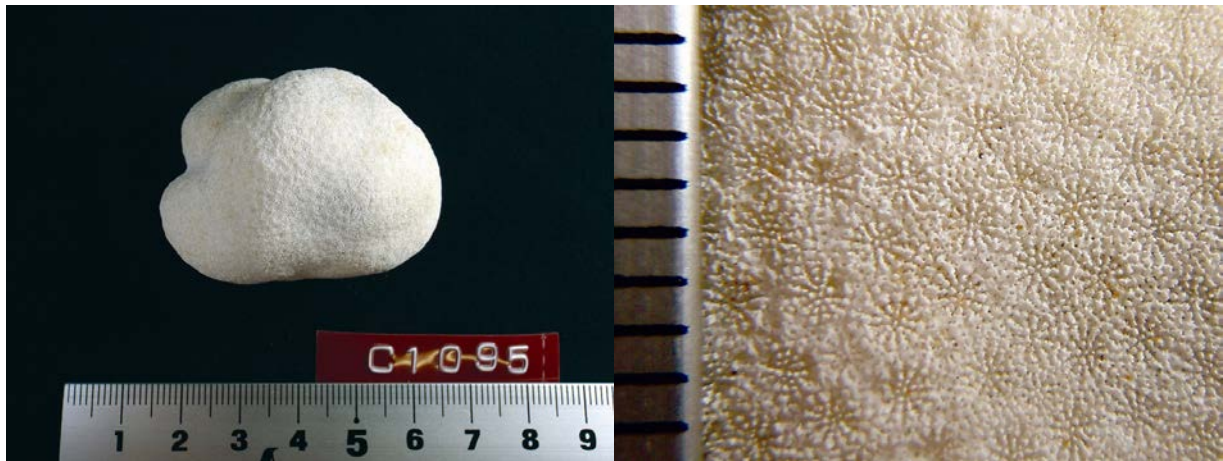
Goniopora tenuidens, KU-C 569



Porites annae, KU-C 537



Porites attenuata, KU-C 268



Porites australiensis, KU-C 1095



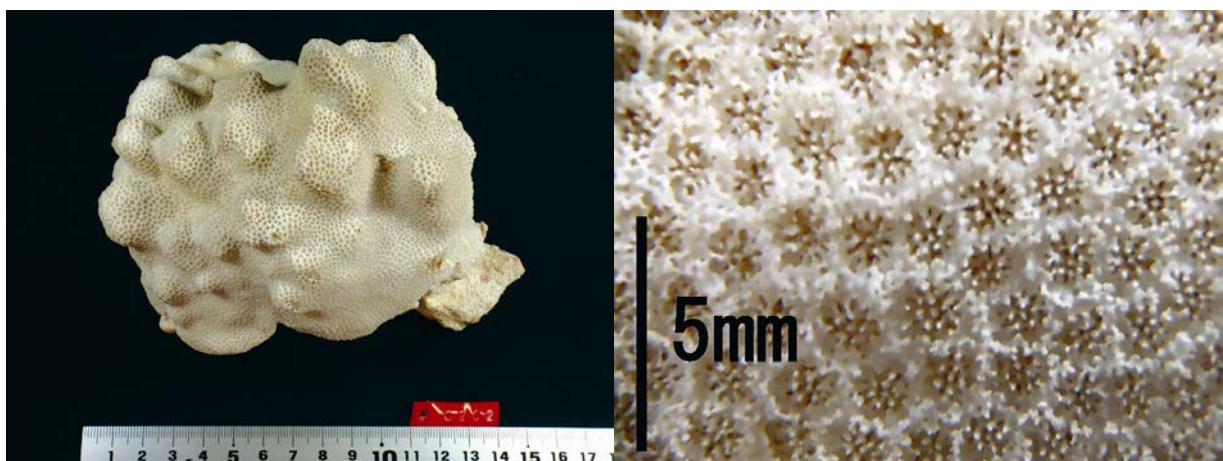
Porites cylindrica, KU-C 158



Porites deformis, KU-C 865



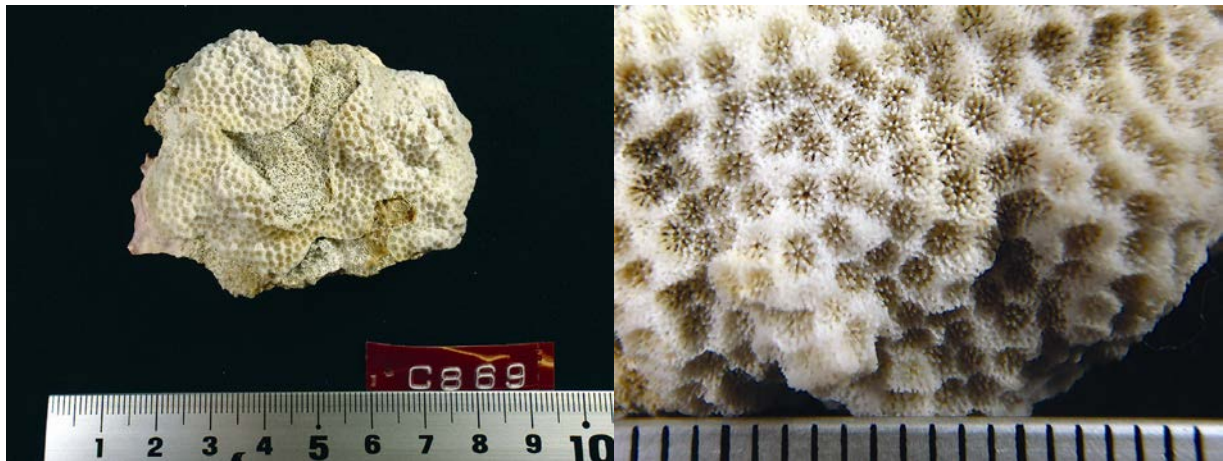
Porites evermanni, KU-C 1126



Porites heronensis, KU-C 202



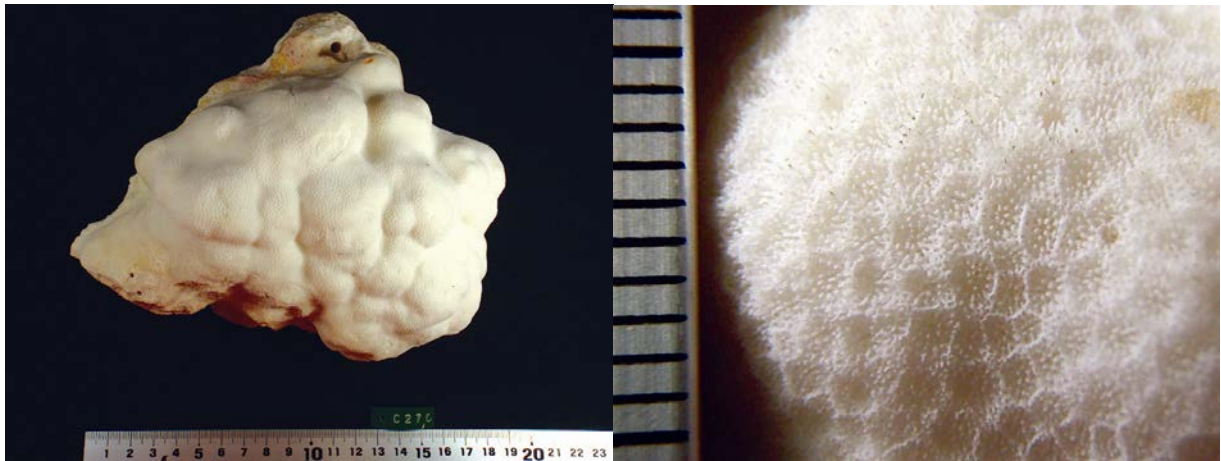
Porites latistella, KU-C 1101



Porites lichen, KU-C 869



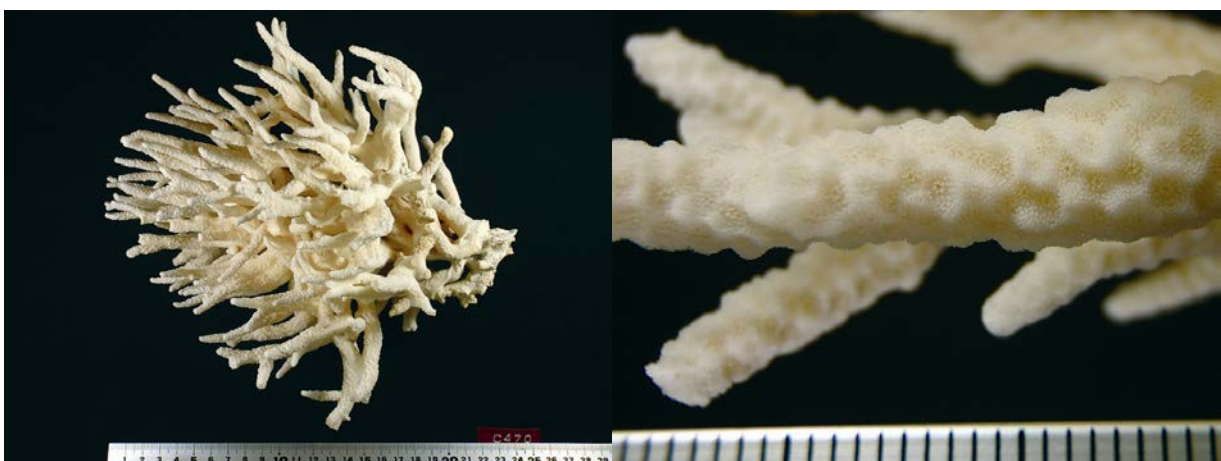
Porites lobata, KU-C 213



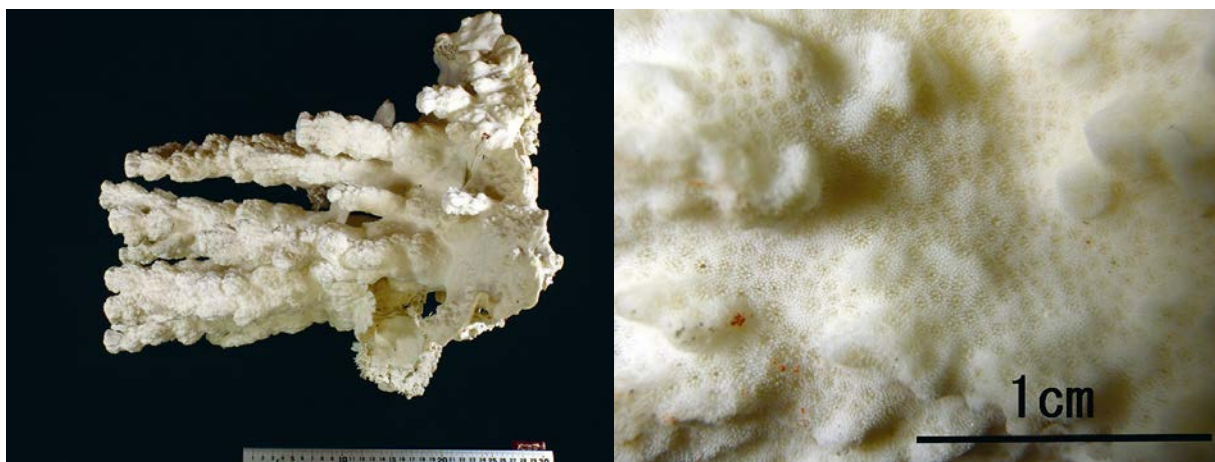
Porites lutea, KU-C 270



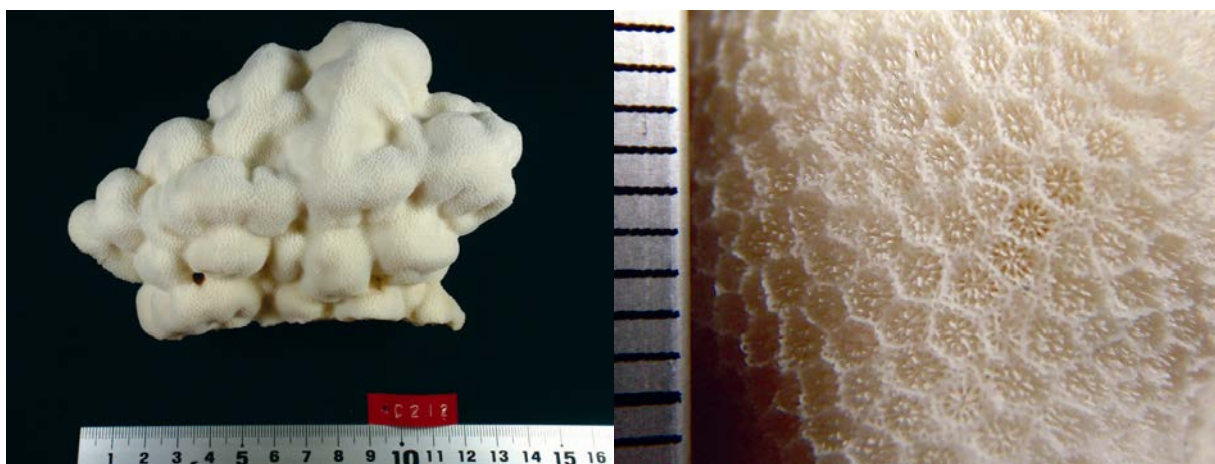
Porites mayeri, KU-C 1231



Porites nigrescens, KU-C 470

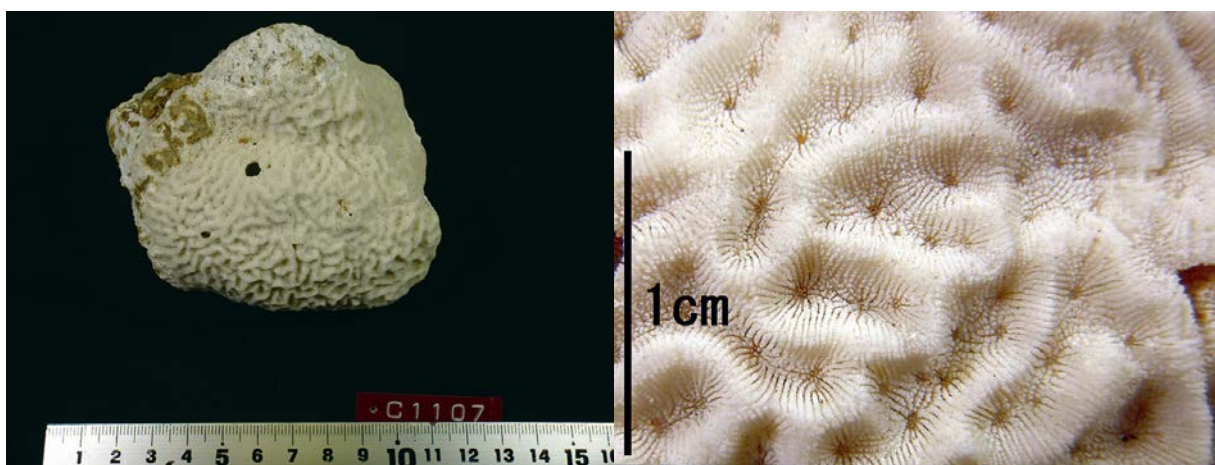


Porites rus, KU-C 591



Porites sp. KU-C 212

Siderastreidae

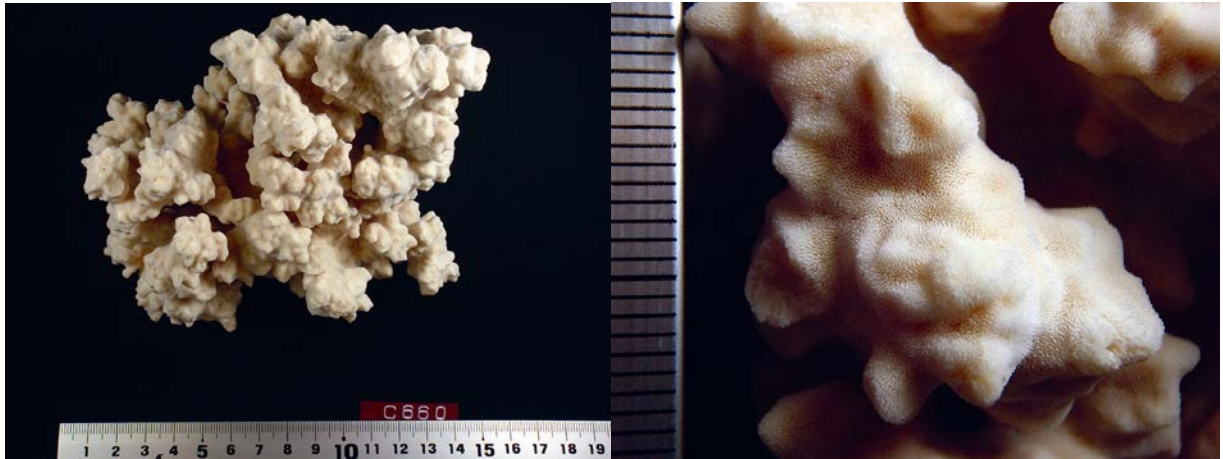


Coscinaraea columna, KU-C 1107



Coscinaraea aff. *monile*, KU-C 565

Psammocoridae



Psammocora *contigua*, KU-C 660

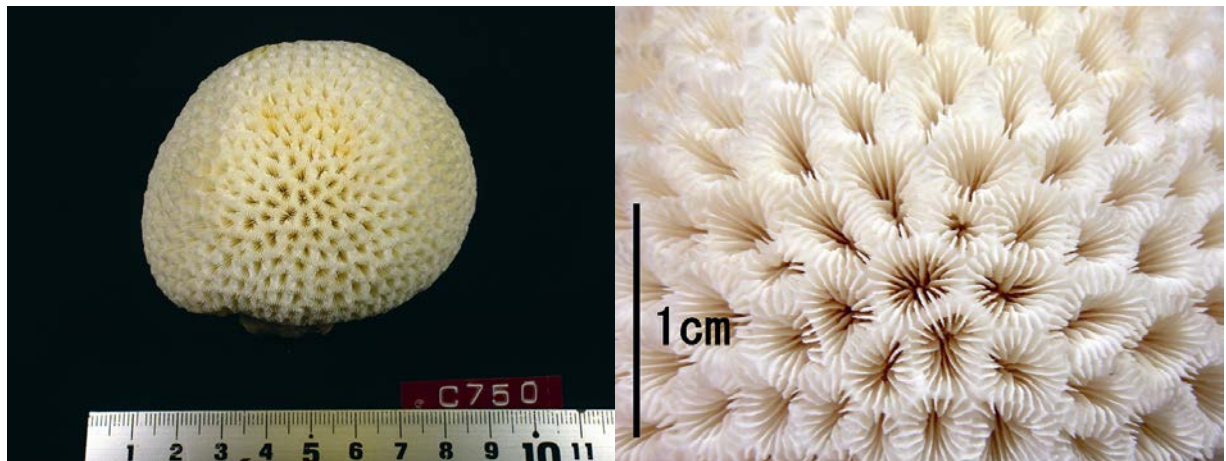


Psammocora *haimiana*, KU-C 159

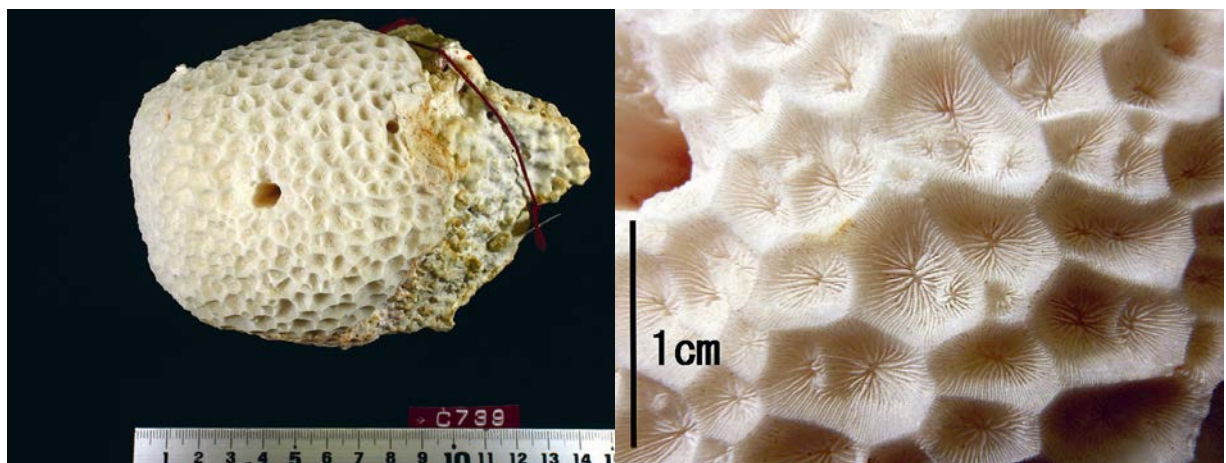


Psammocora profundacella, KU-C 670

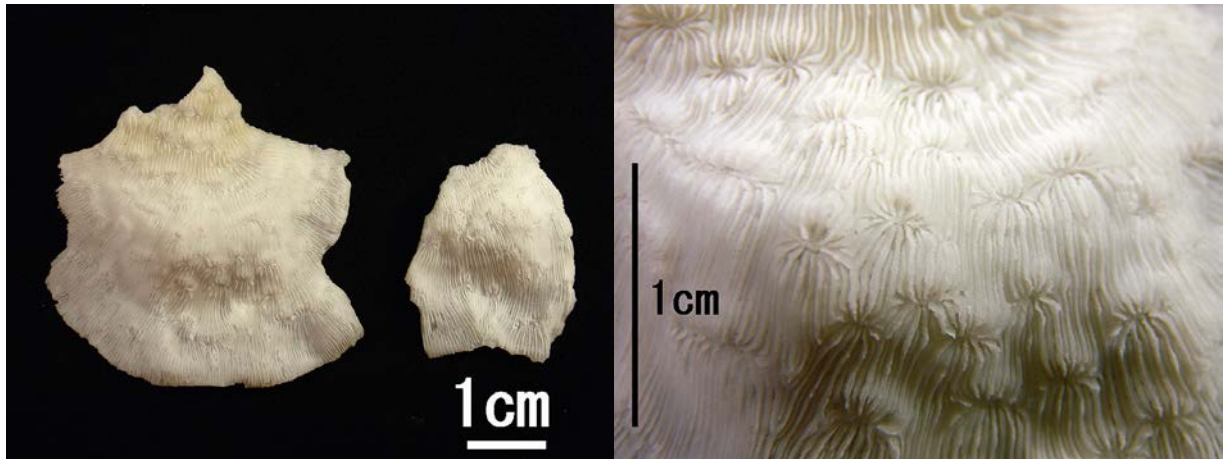
Agariciidae



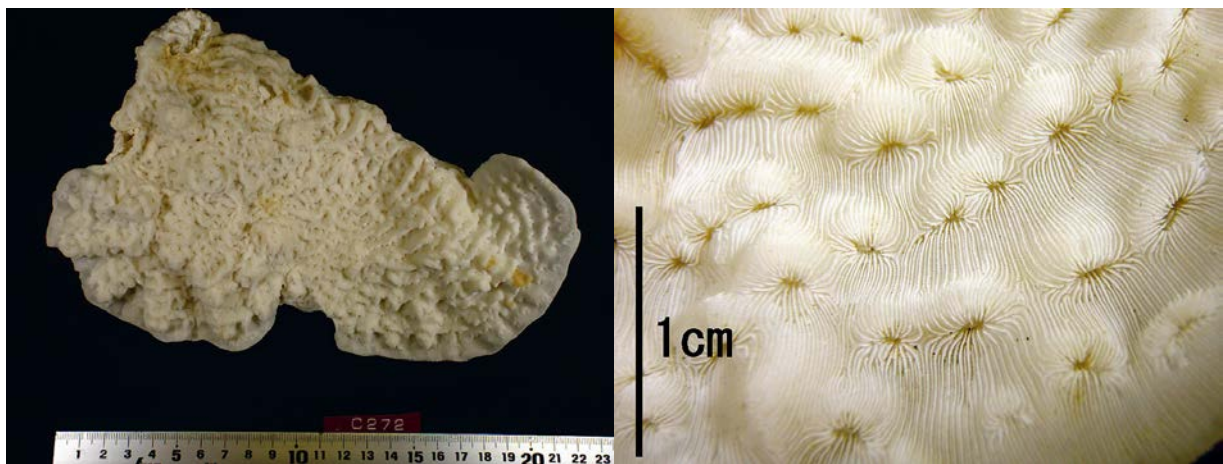
Coeloseris mayeri, KU-C 750



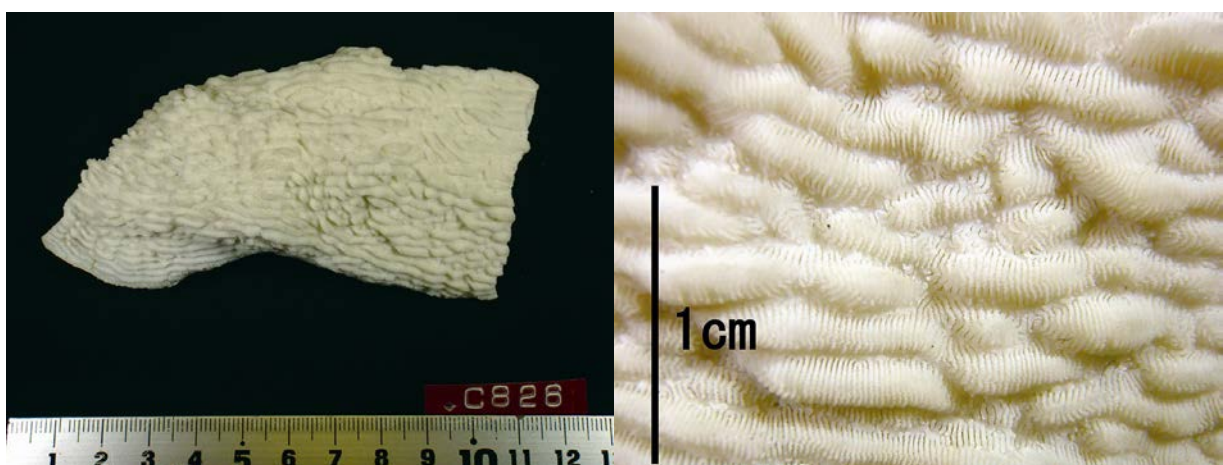
Gardineroseris planulata, KU-C 739



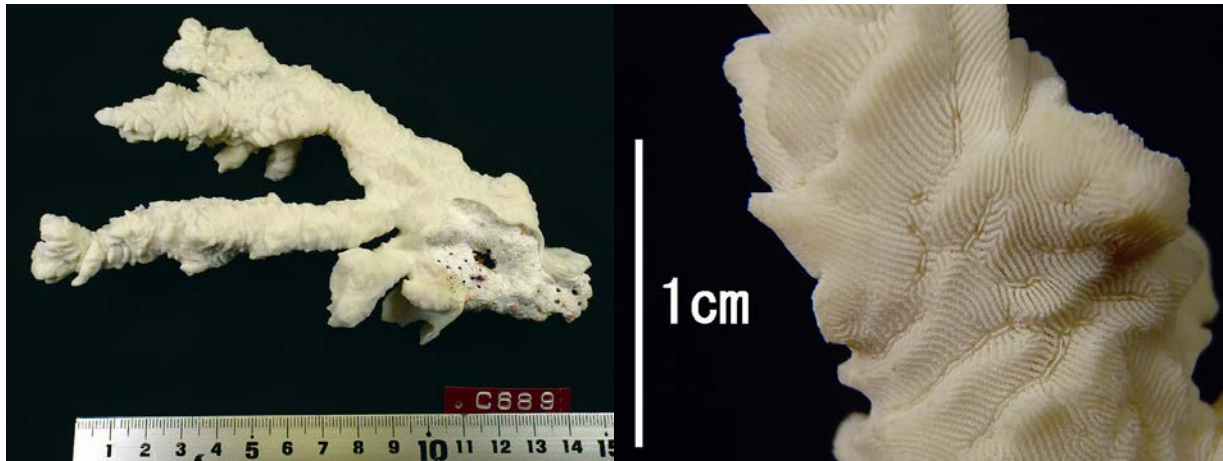
Leptoseris explanata, KU-C 1136



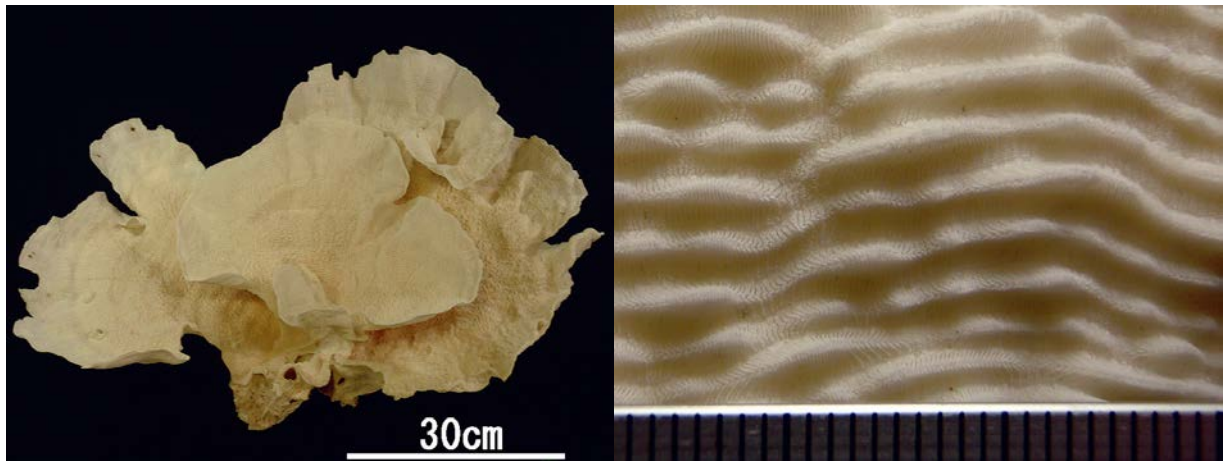
Leptoseris mycetoseroides, KU-C 272



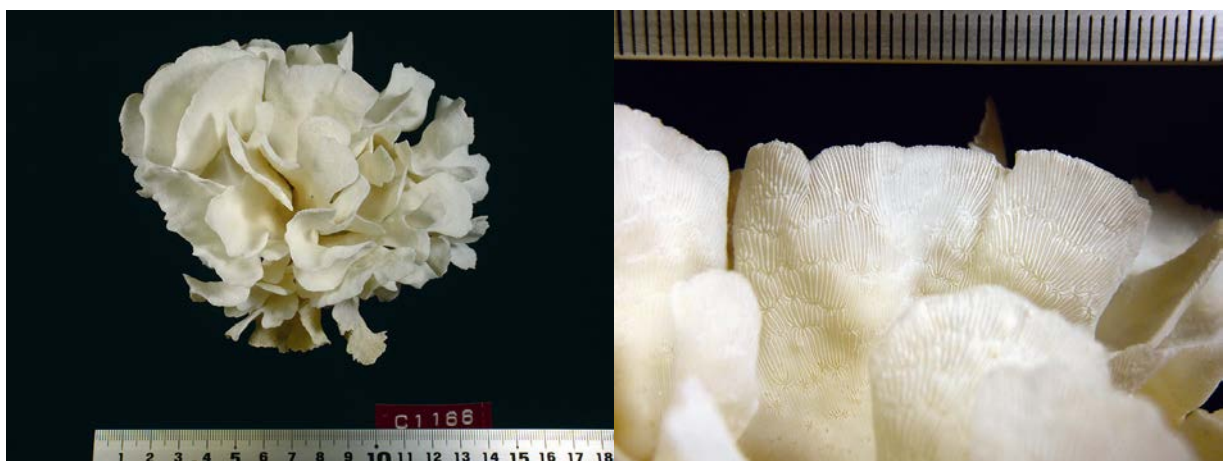
Pachyseris gemmae, KU-C 826



Pachyseris rugosa, KU-C 689



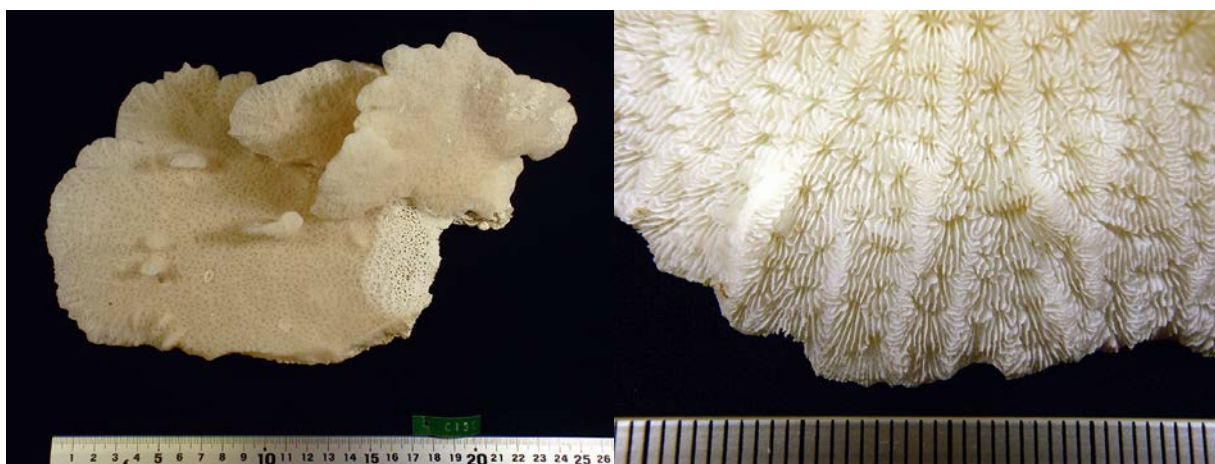
Pachyseris speciosa, KU-C 46



Pavona cactus, KU-C 1166



Pavona danai, KU-C 168



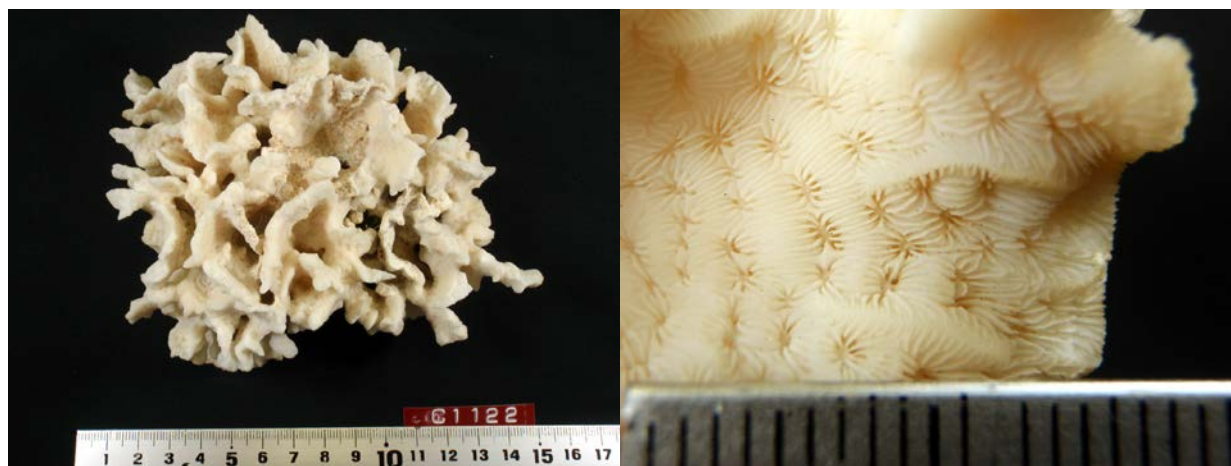
Pavona decussata, KU-C 130



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



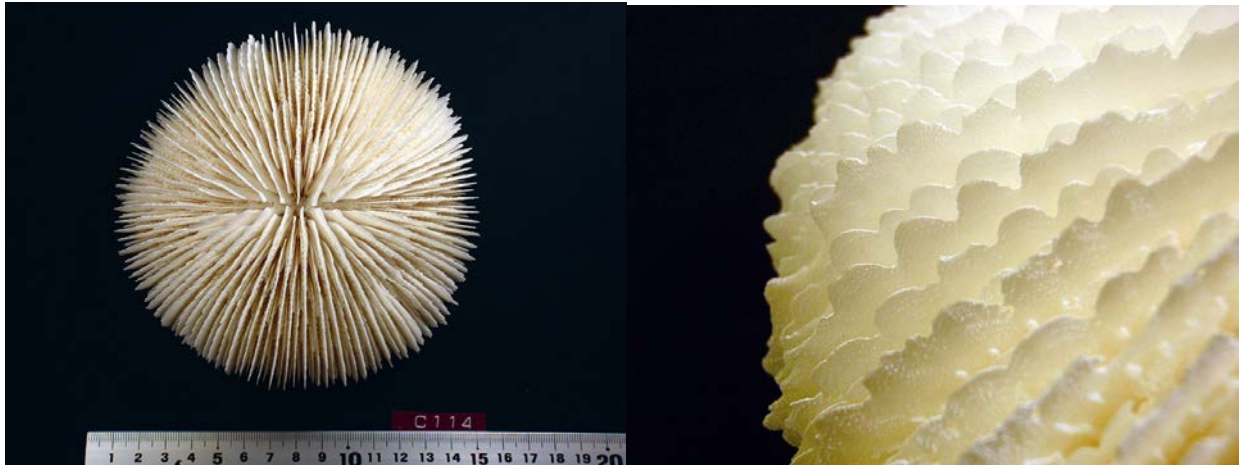
Cycloseris vaughani, KU-C 1100



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



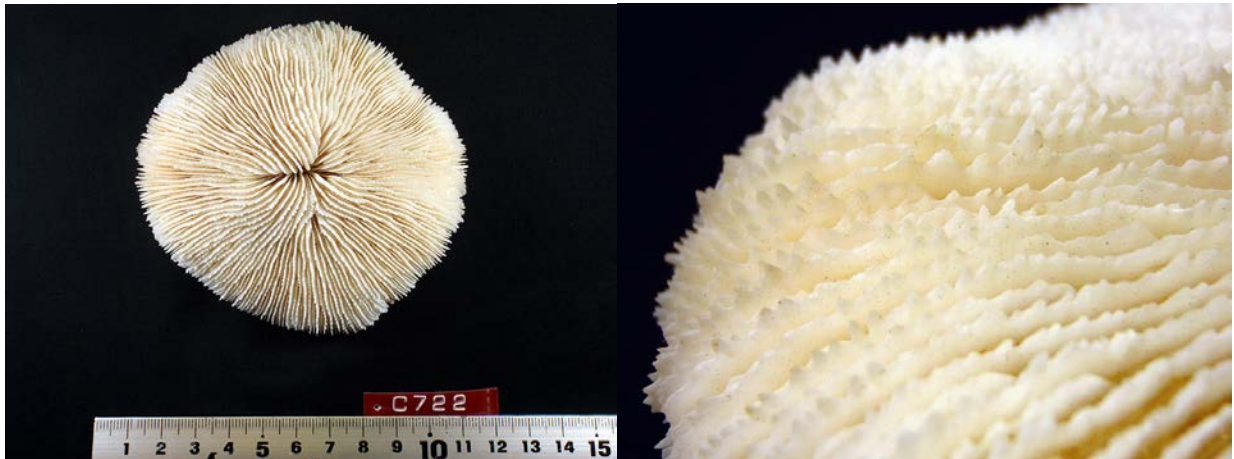
Halomitra pileus, KU-C 508



Fungia concinna, KU-C 925



Fungia concinna, KU-C 925

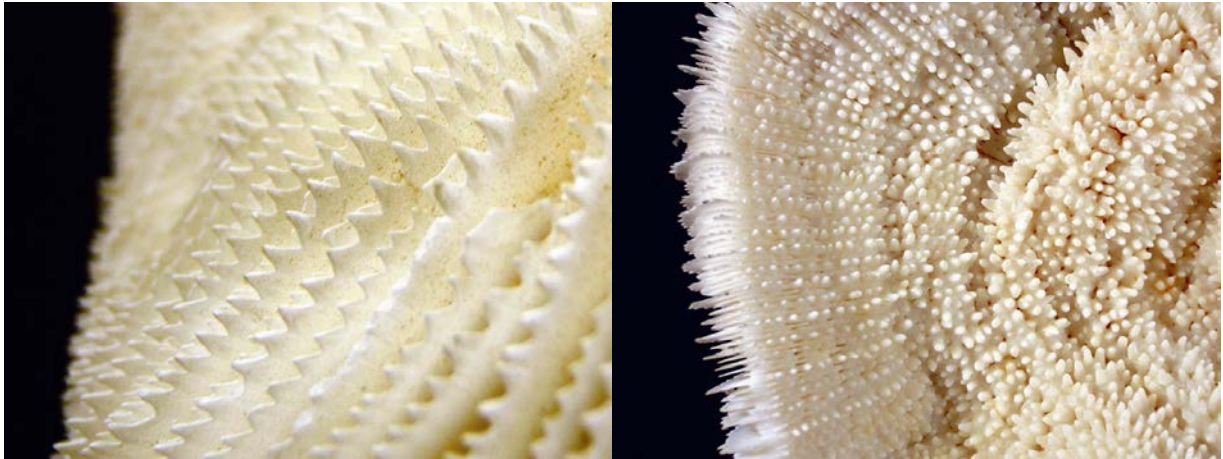


Fungia danai, KU-C 722



Fungia danai, KU-C 722

Fungia fungites, KU-C 124



Fungia fungites, KU-C 124



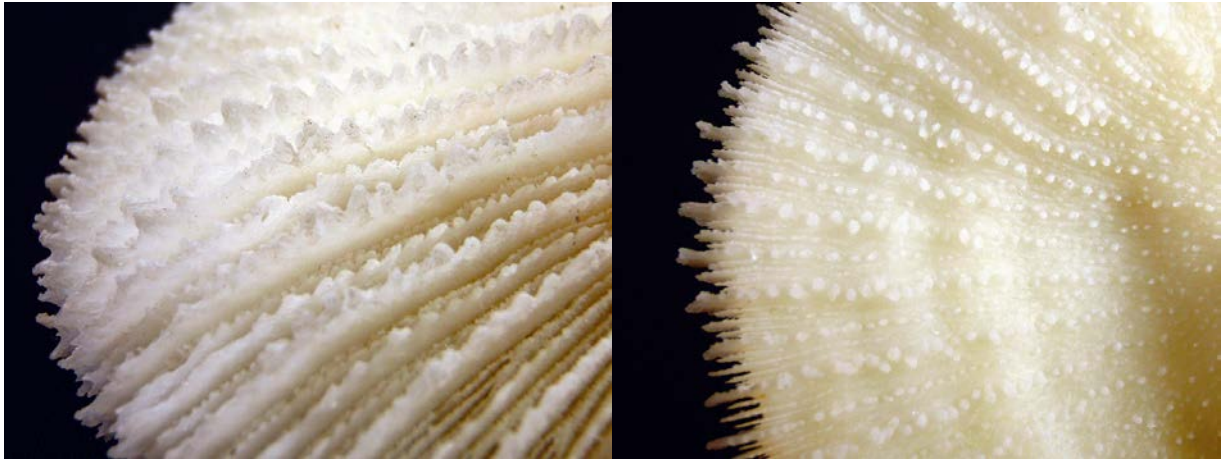
Fungia granulosa, KU-C 1198



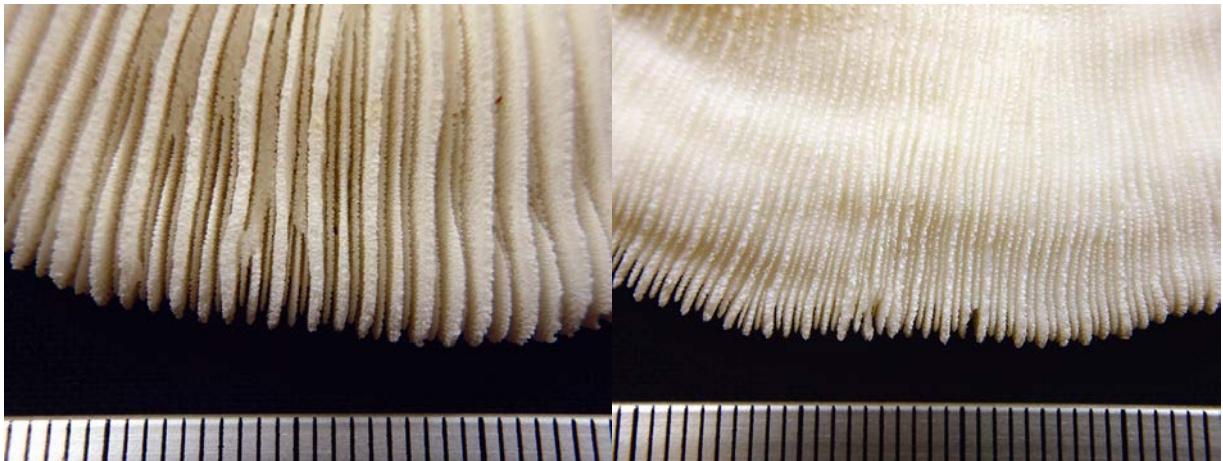
Fungia granulosa, KU-C 1198



Fungia klunzingeri, KU-C 905



Fungia klunzingeri, KU-C 905



Fungia moluccensis, KU-C 560



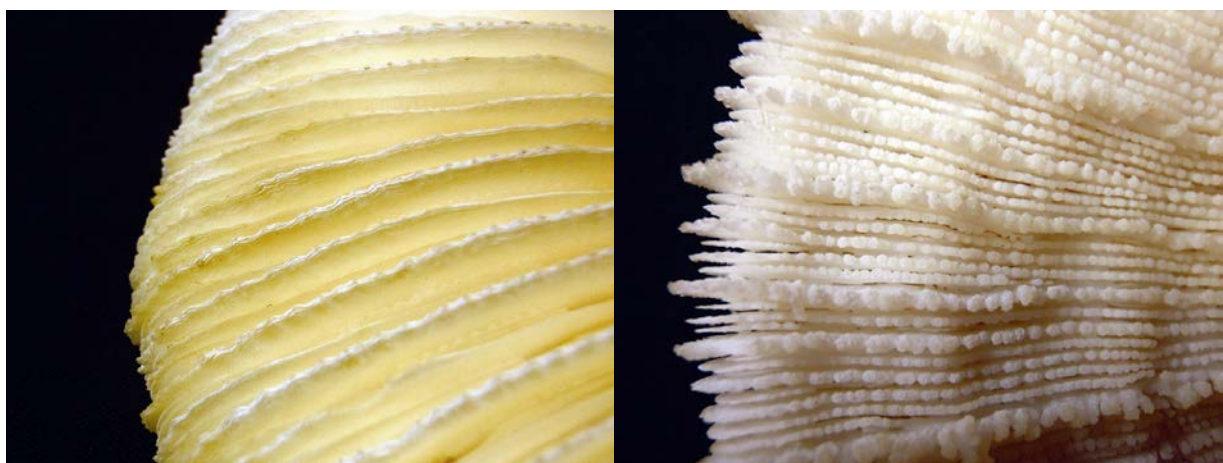
Fungia paumotensis, KU-C 784



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



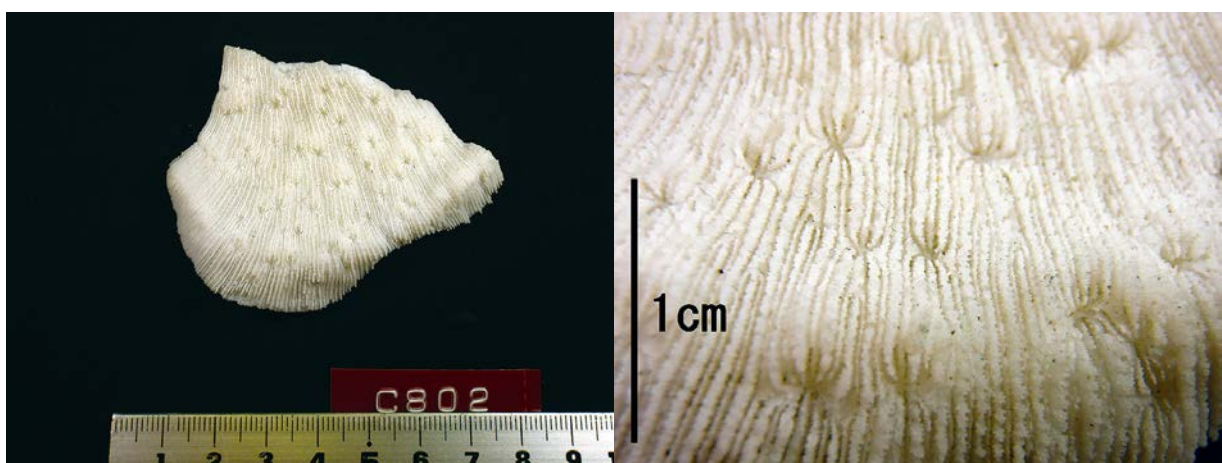
Fungia scutaria, KU-C 687



Lithophyllon lobata, KU-C 701



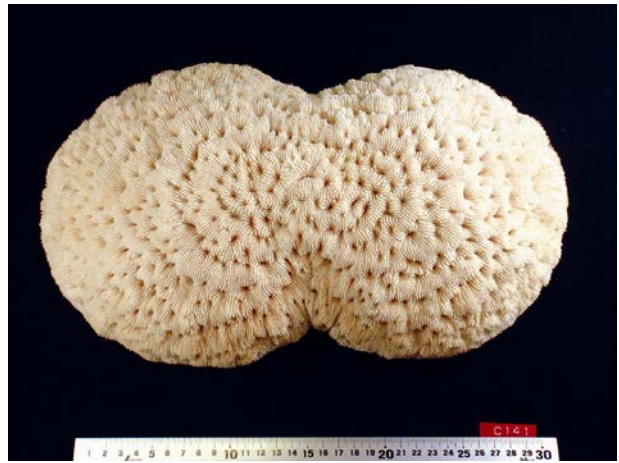
Podabacia crustacea, KU-C 501



Podabacia motuporensis, KU-C 802



Polyphyllia talpina, KU-C 127

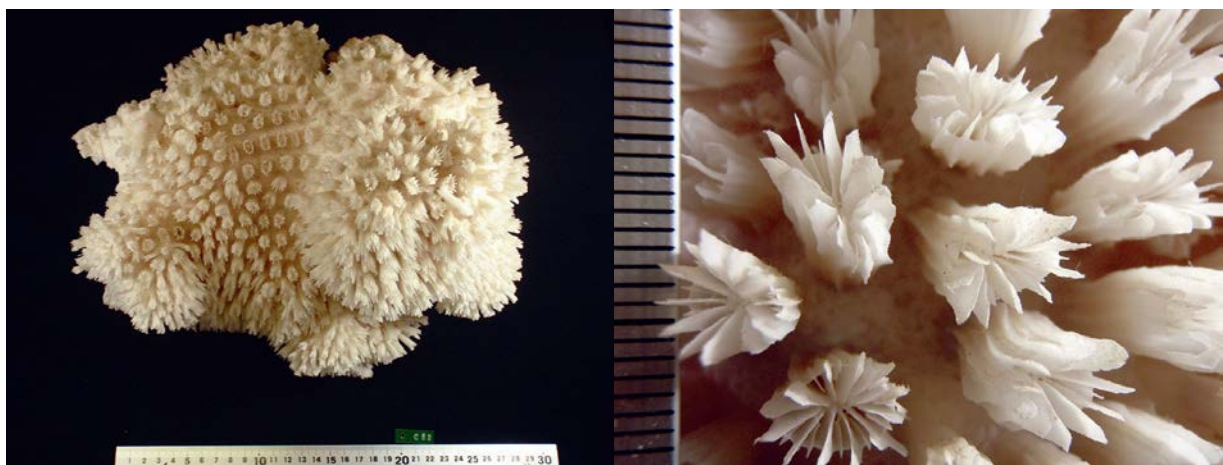


Sandalolitha robusta, KU-C 141

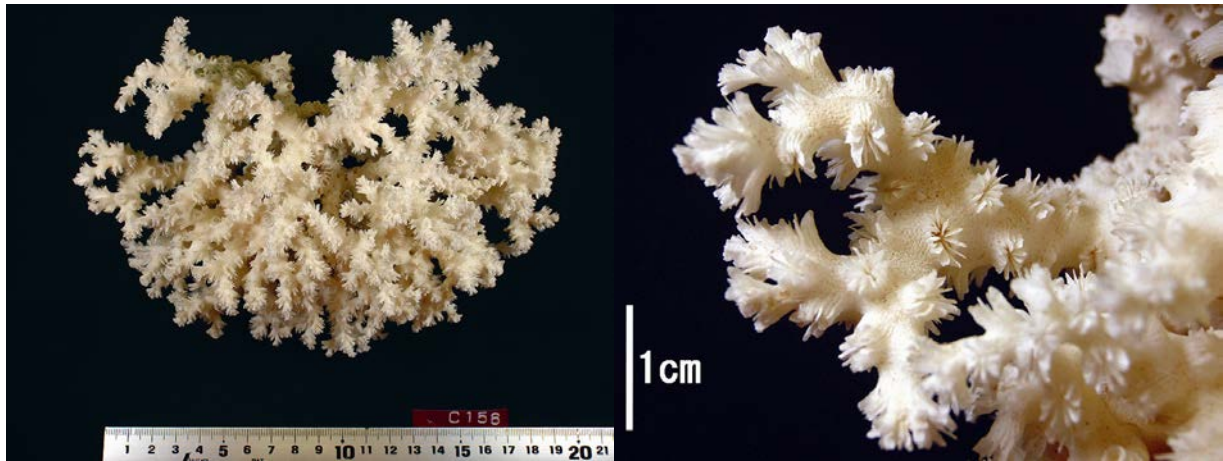


Zoopilus echinatus, KU-C 1045

Oculinidae



Galaxea fascicularis, KU-C 52



Galaxea horrescens, KU-C 156

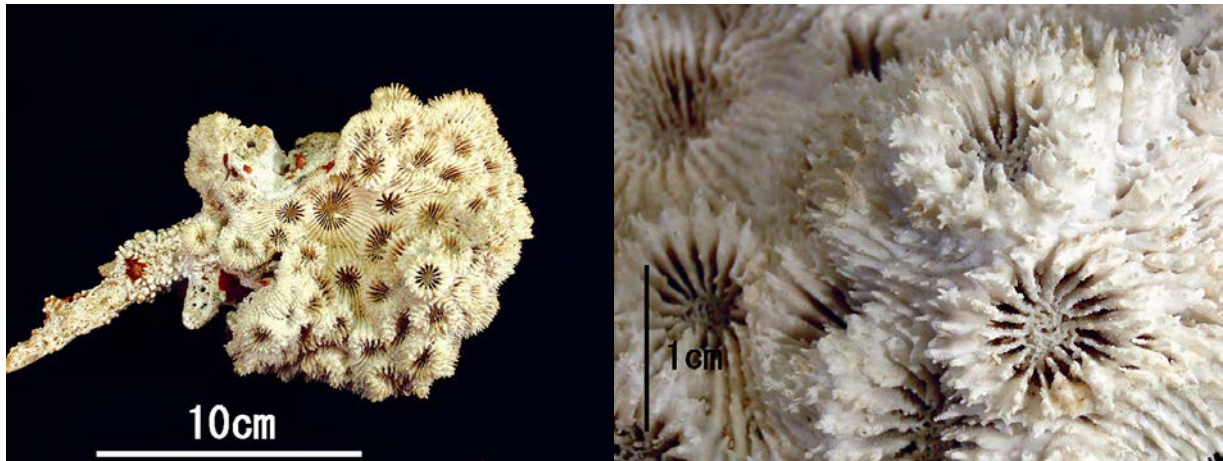
Pectiniidae



Echinomorpha nishihirai, KU-C 54



Echinophyllia aspera, KU-C 181



Echinophyllia orpheensis, KU-C 1039



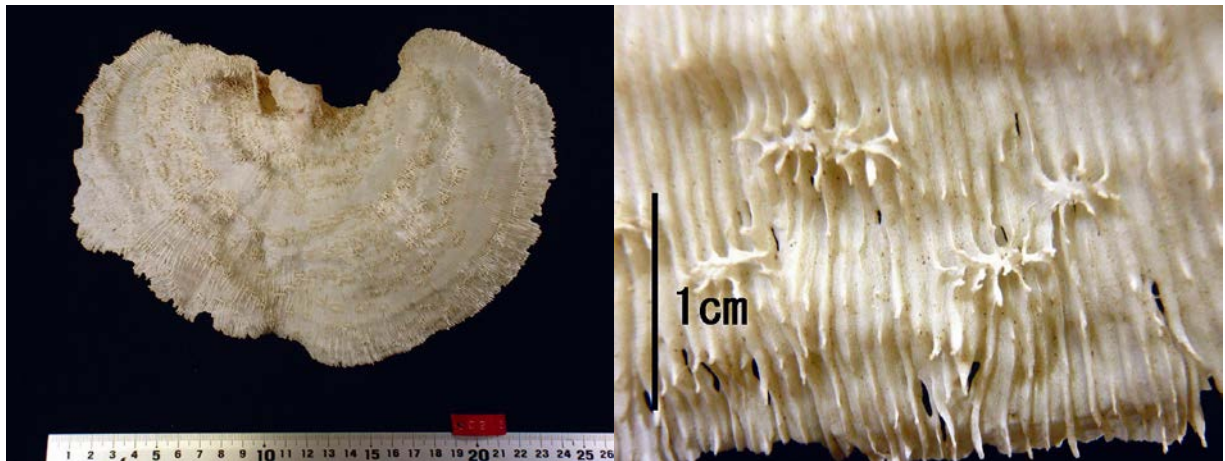
Mycedium elephantotus, KU-C 512



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

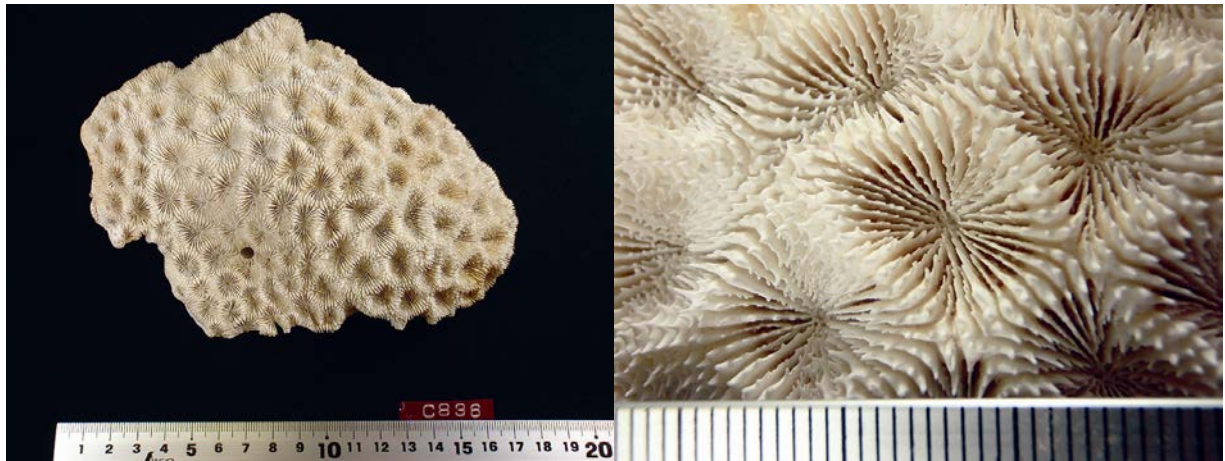


Pectinia paeonia, KU-C 969

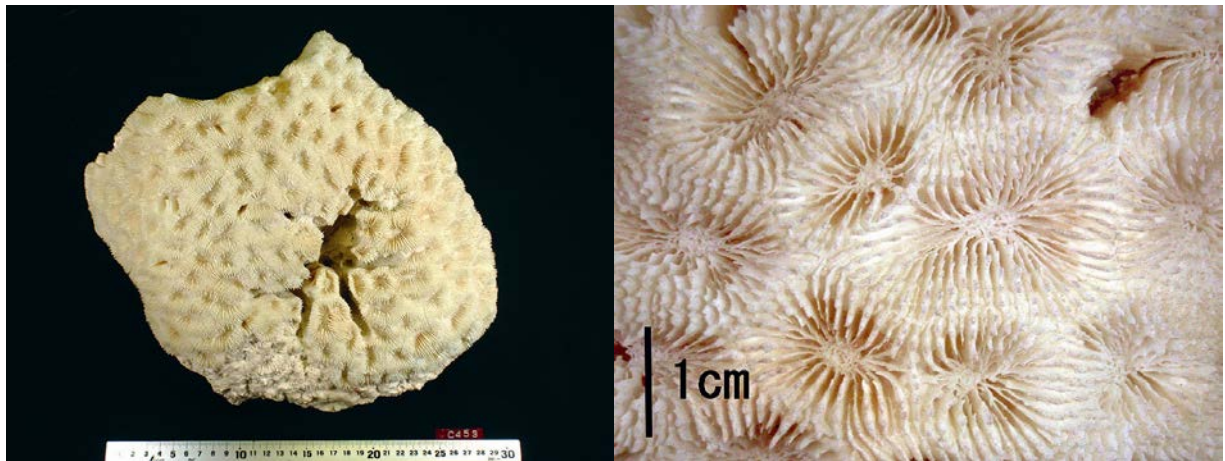
Mussidae



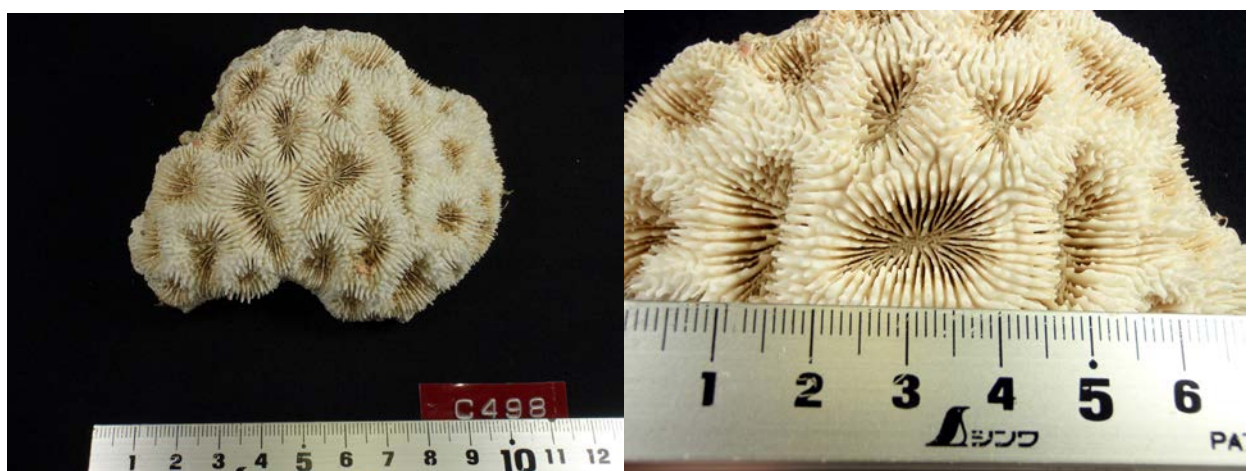
Acanthastrea aff. *brevis*, KU-C 682



Acanthastrea hemprichii, KU-C 836



Acanthastrea ishigakiensis, KU-C 453



Acanthastrea sp., KU-C 498



Australomussa rowleyensis, KU-C 443



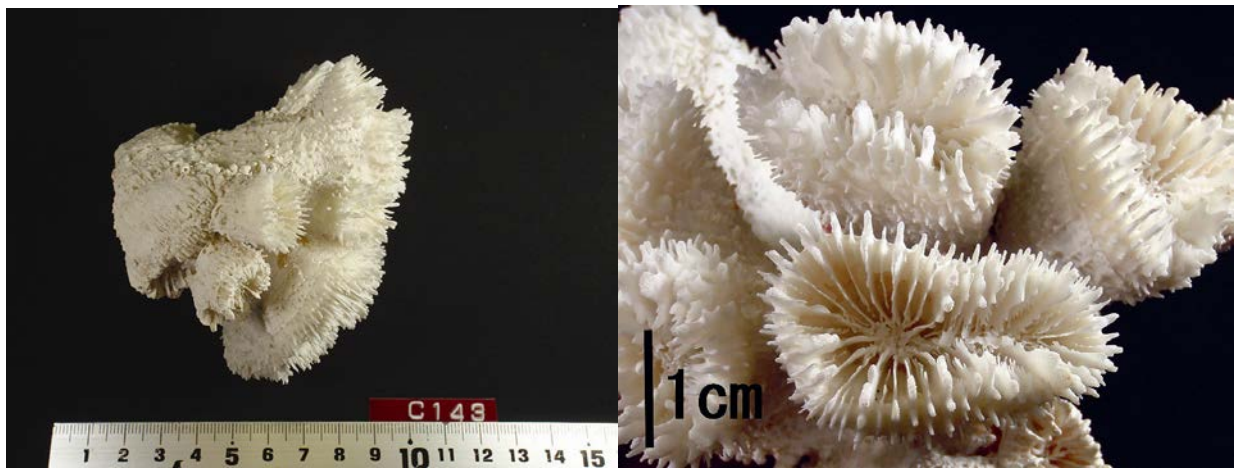
Blastomussa merleti, KU-C 1090



Lobophyllia corymbosa, KU-C 10



Lobophyllia hemprichii, KU-C 448



Lobophyllia pachysepta, KU-C 143



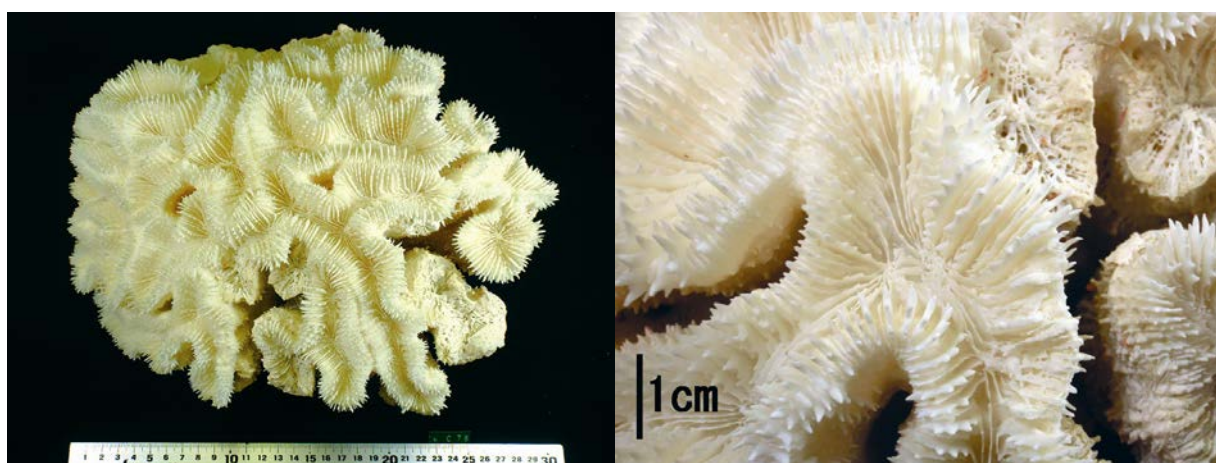
Lobophyllia sp, KU-C 86



Parascolymlia vitiensis, KU-C 815



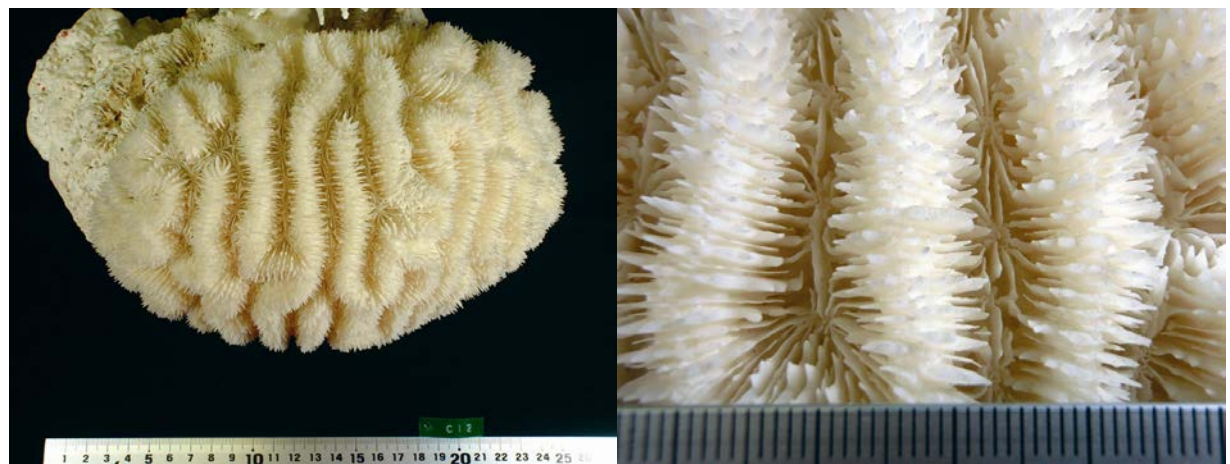
Symphyllia agaricia, KU-C 1015



Symphyllia agaricia, KU-C 78



Symphyllia radians, KU-C 840



Symphyllia recta, KU-C 12

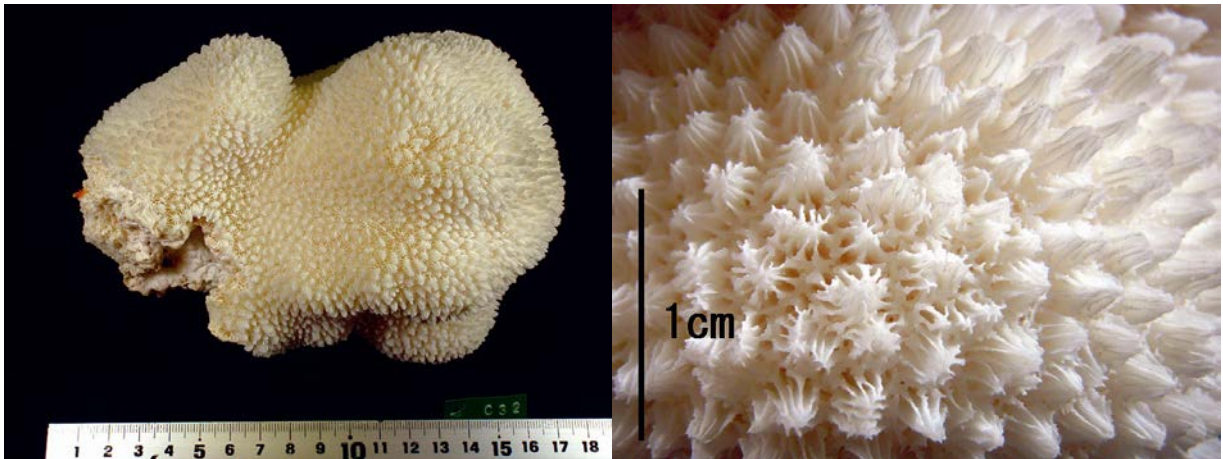


Symphyllia valenciennesii, KU-C 439

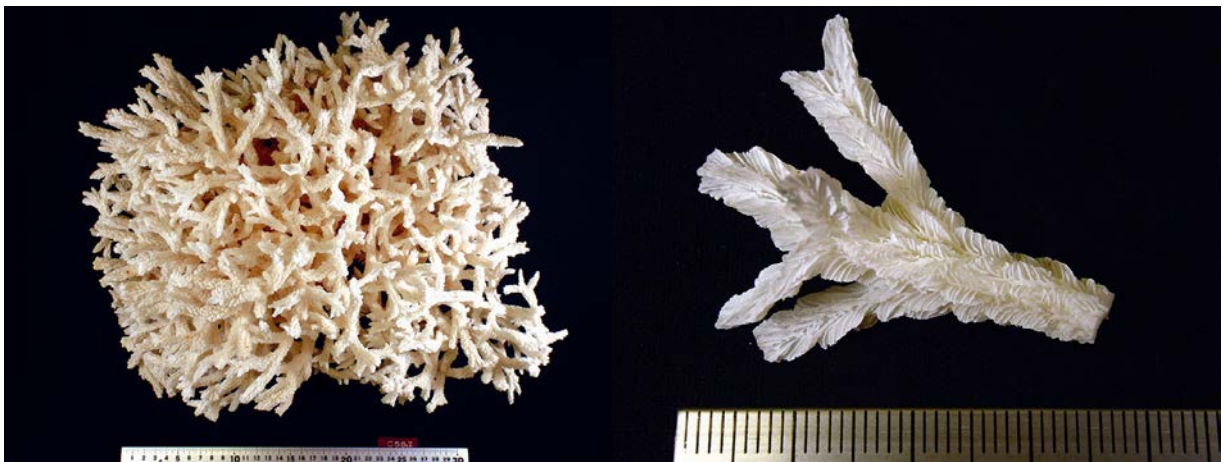
Merulinidae



Hydonophora exesa, KU-C 511



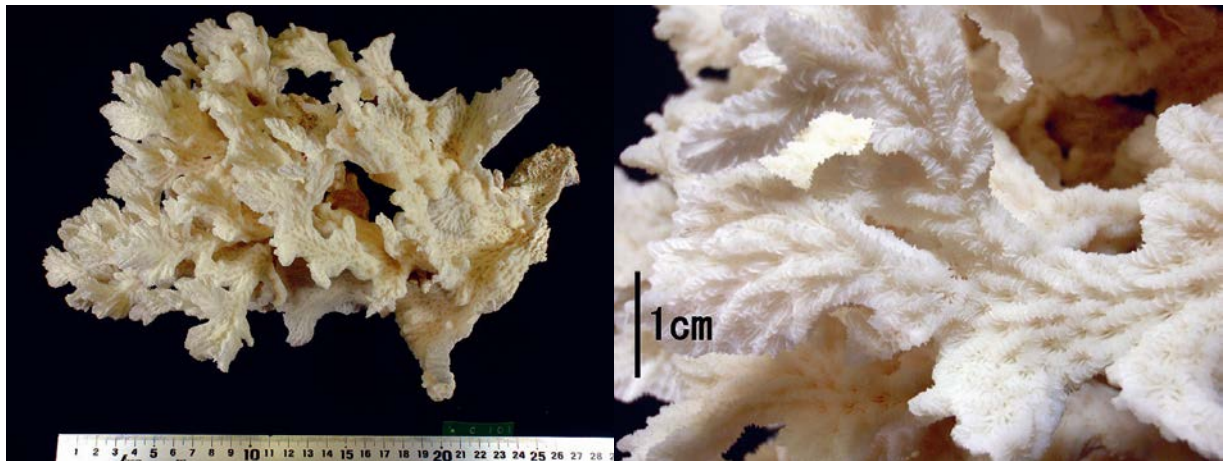
Hydnophora microconos, KU-C 32



Hydnophora rigida, KU-C 567

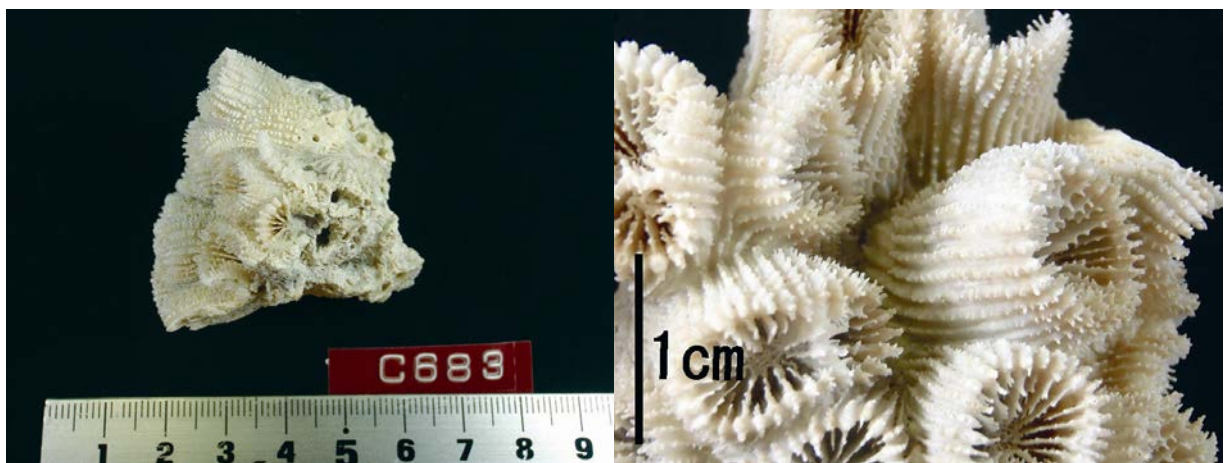


Merulina ampliata, KU-C 1077

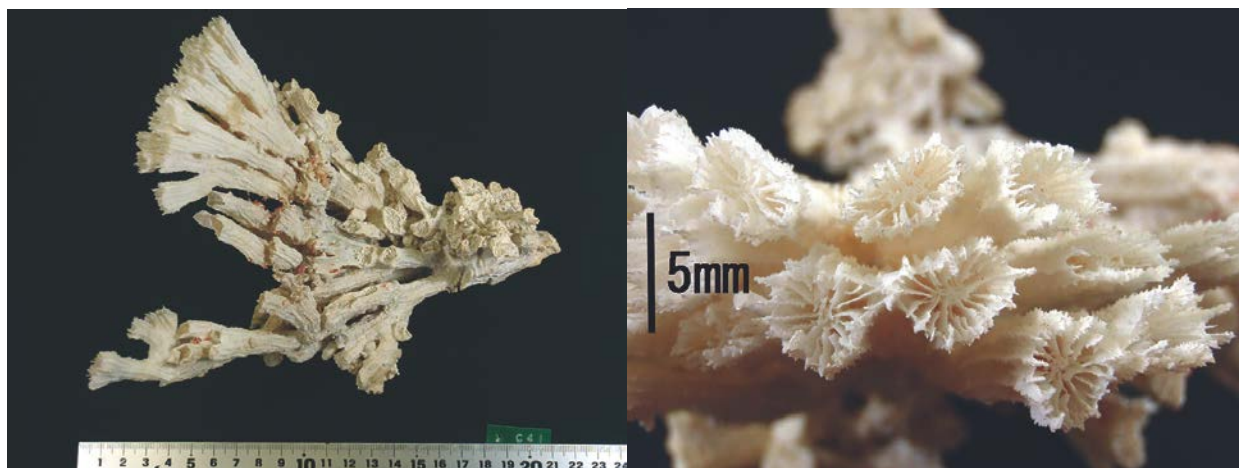


Merulina scabricula, KU-C 101

Faviidae



Barabattoia amicorum, KU-C 683



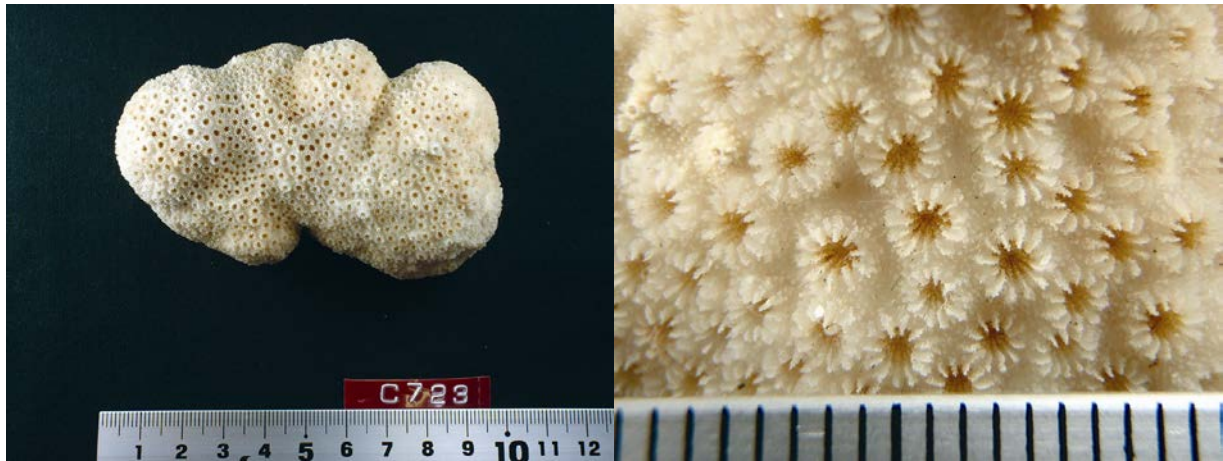
Caulastraea furcata, KU-C 41



Caulastraea furcata, KU-C 1030



Cyphastrea agassizi, KU-C 1134



Cyphastrea chalcidicum, KU-C 723



Cyphastrea decadia, KU-C 139



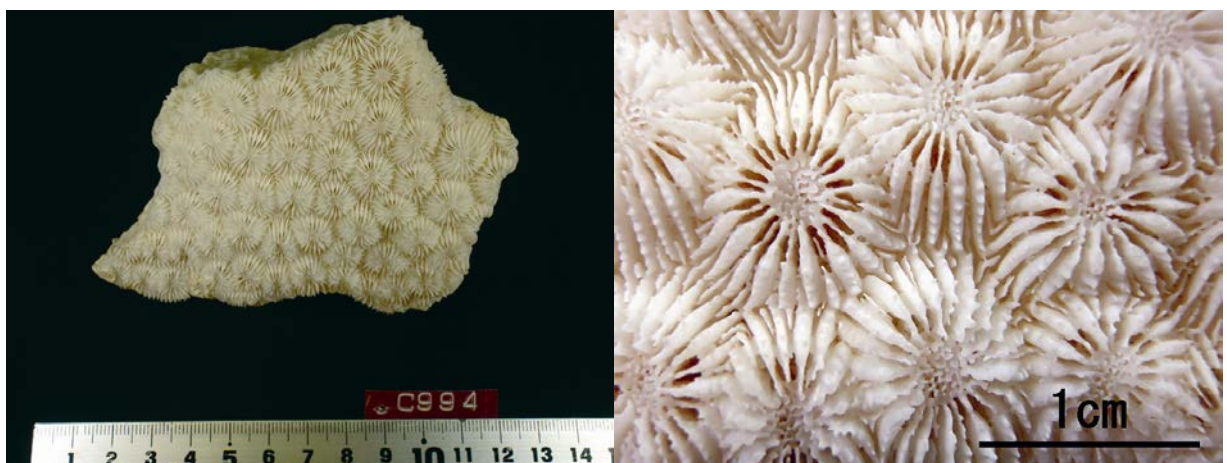
Cyphastrea microphthalma, KU-C 1035



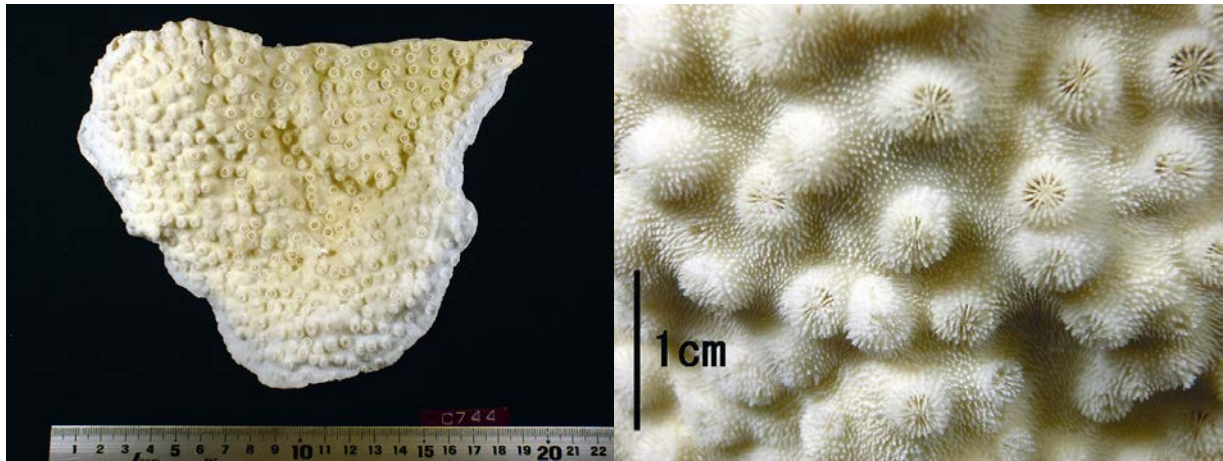
Cyphastrea ocellina, KU-C 808



Cyphastrea serailia, KU-C 597



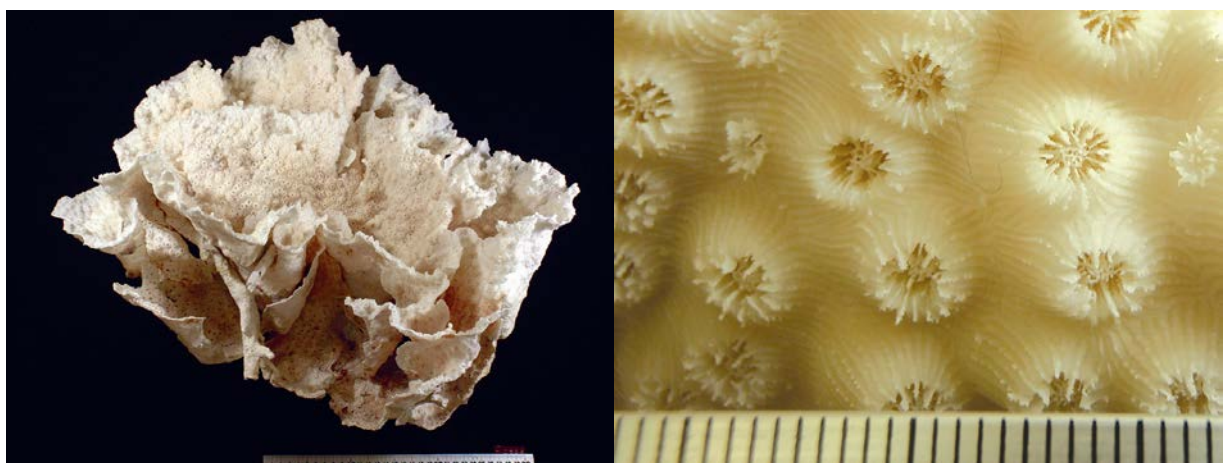
Diploastrea heliopora, KU-C 994



Echinopora gammacea, KU-C 744



Echinopora lamellosa, KU-C 481



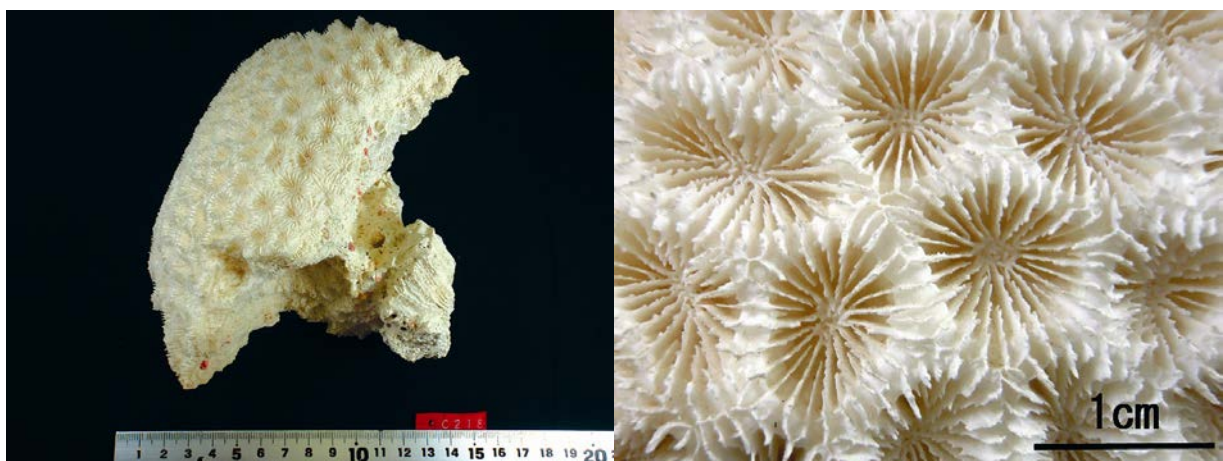
Echinopora mammiformis, KU-C 594



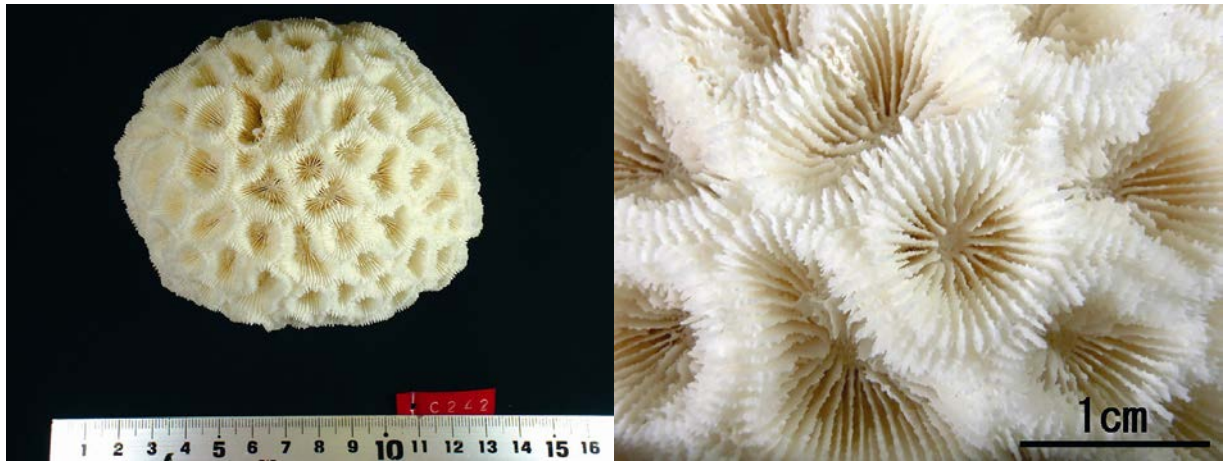
Echinopora pacificus, KU-C 777



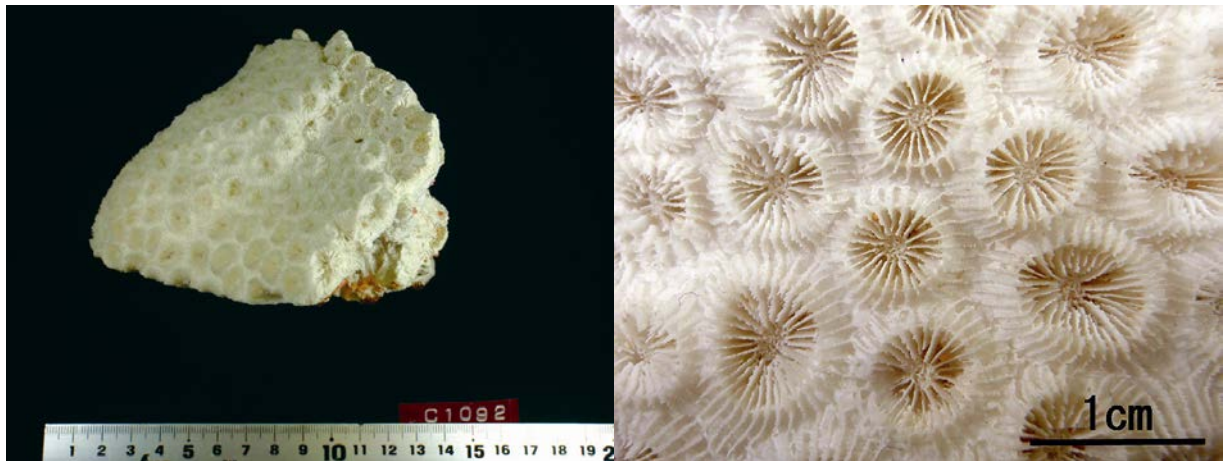
Favia danae, KU-C 73



Favia fava, KU-C 218



Favia fava, KU-C 242



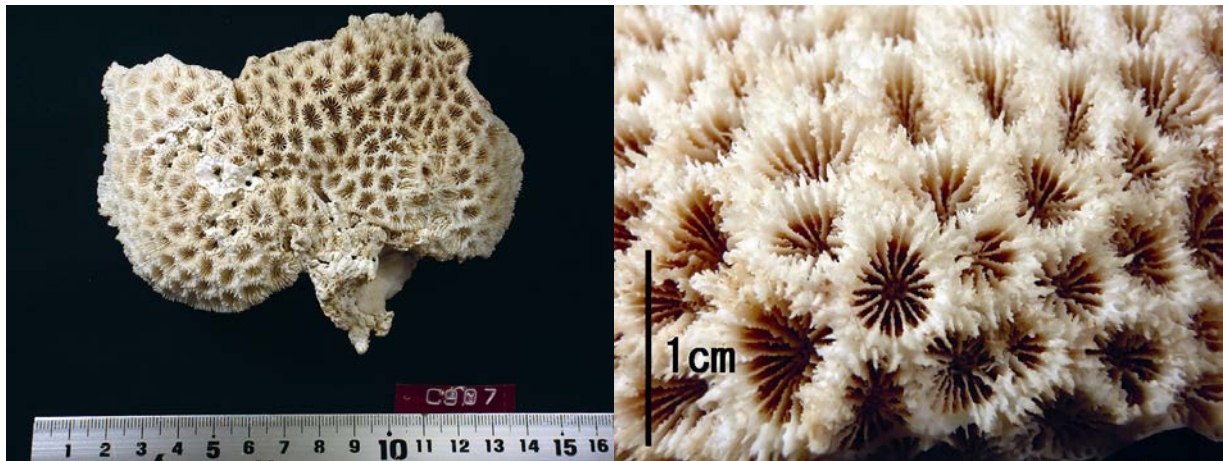
Favia laxa, KU-C 1092



Favia matthaii, KU-C 507



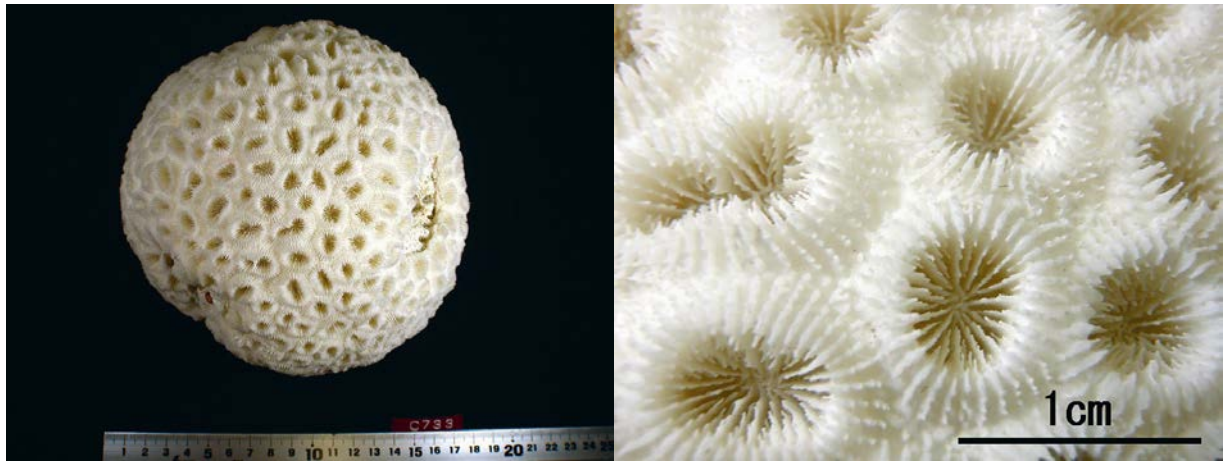
Favia pallida, KU-C 20



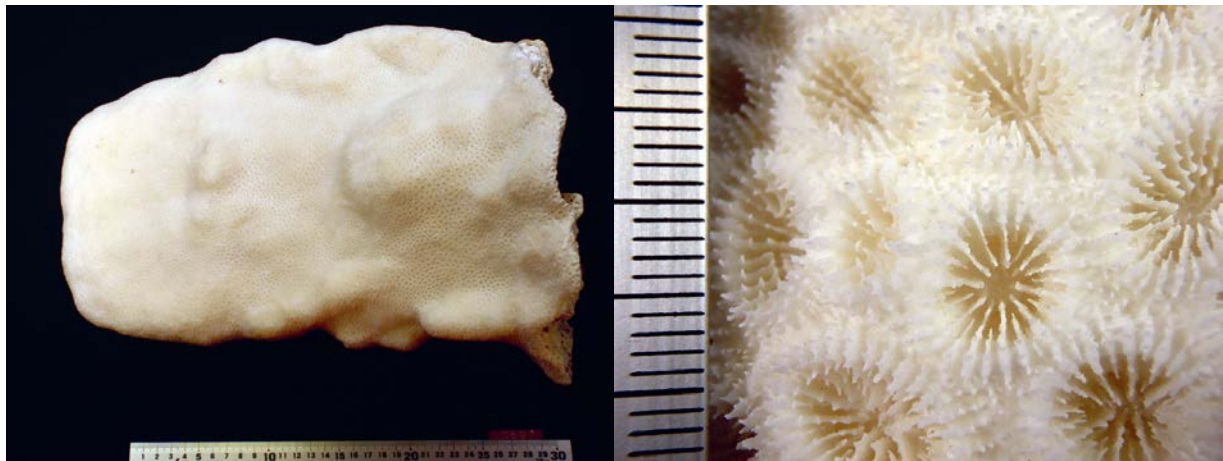
Favia rotumana, KU-C 907



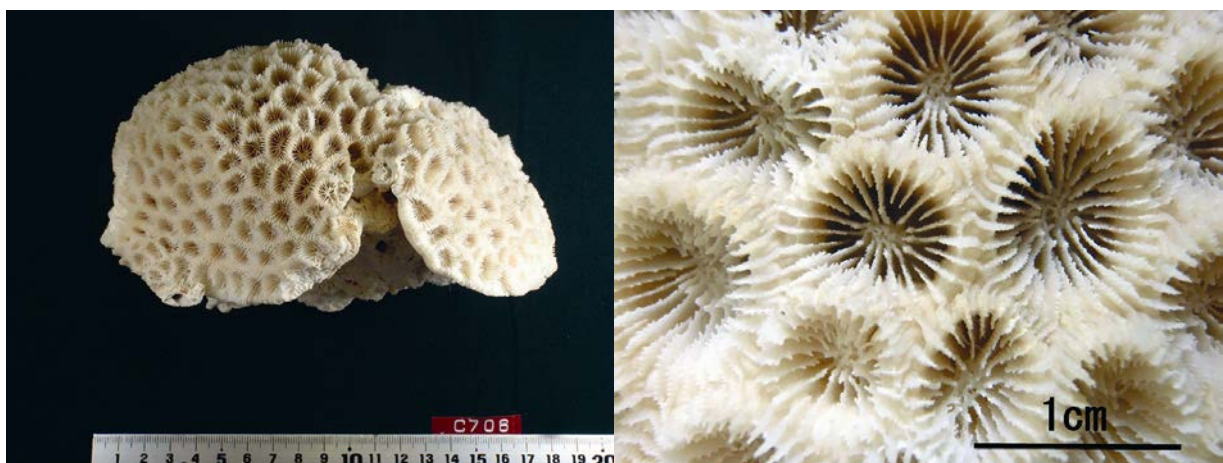
Favia rotundata, KU-C 806



Favia speciosa, KU-C 733



Favia stelligera, KU-C 527



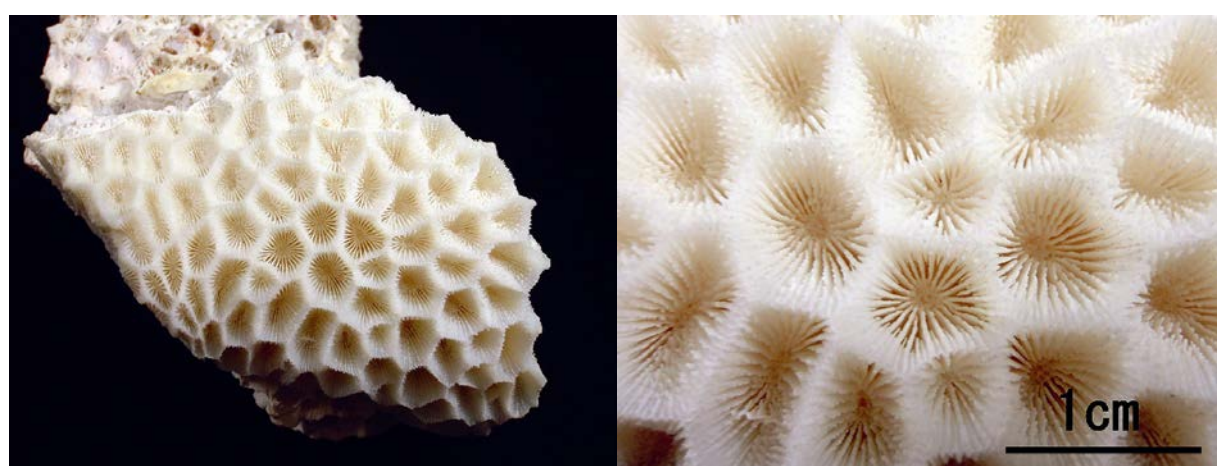
Favia truncatus, KU-C 706



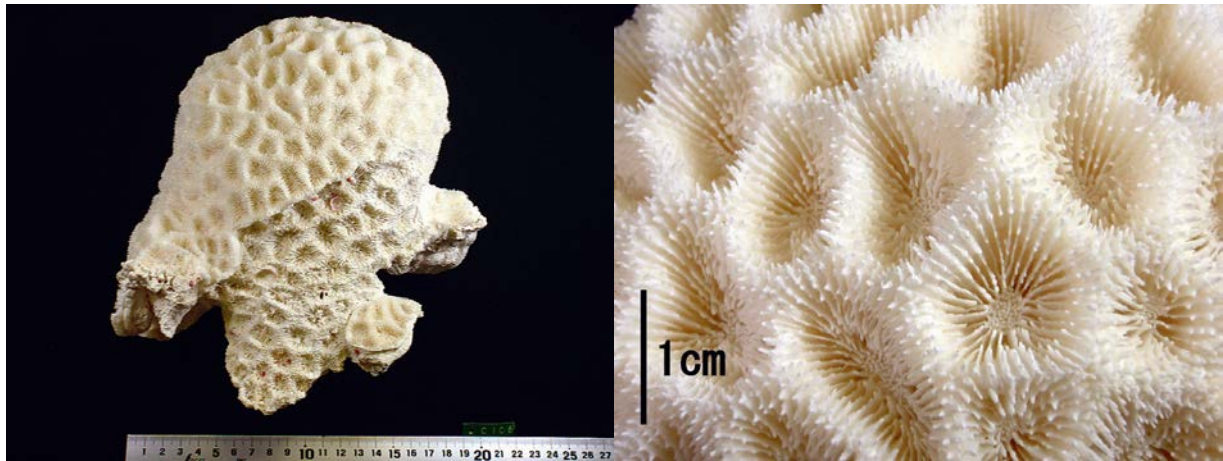
Favites abdita, KU-C 240



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



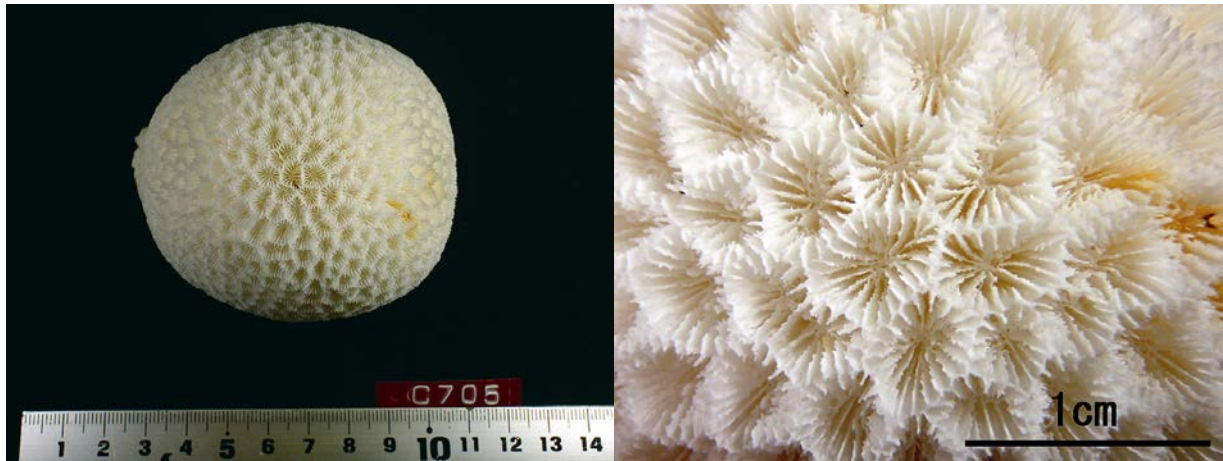
Goniastrea aspera, KU-C 229



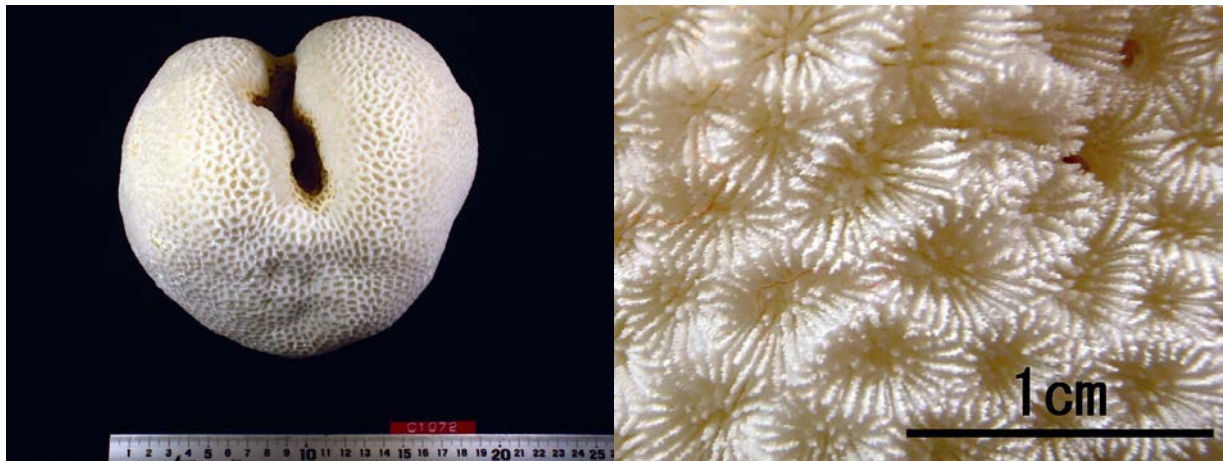
Goniastrea aspera, KU-C 1071



Goniastrea australensis, KU-C 627



Goniastrea edwardsi, KU-C 705



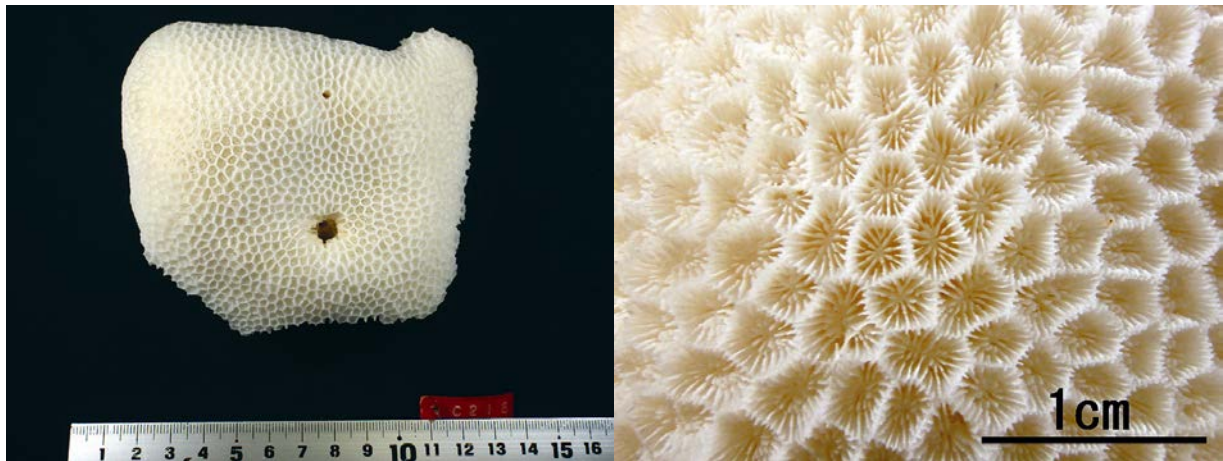
Goniastrea edwardsi, KU-C 1072



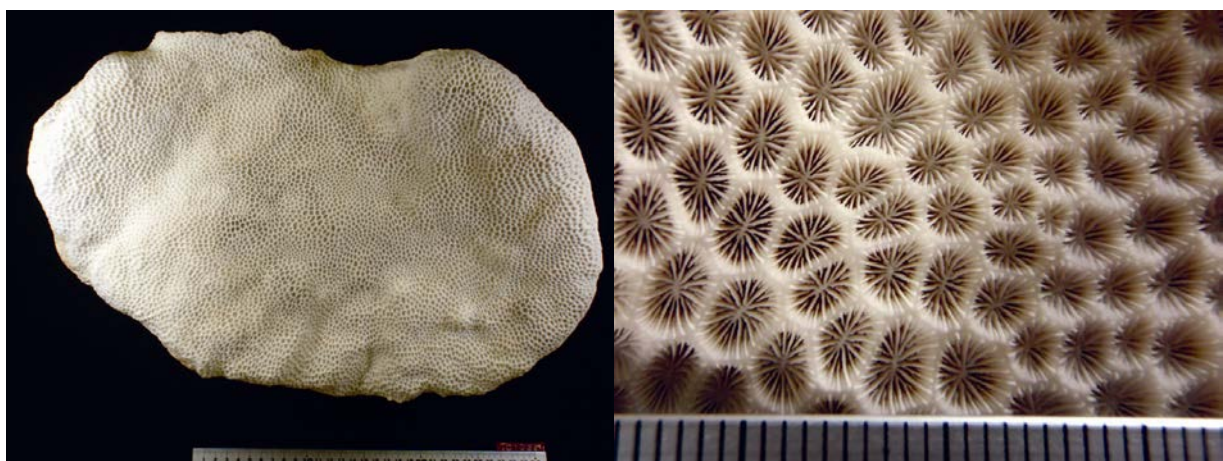
Goniastreai favulus, KU-C 1074



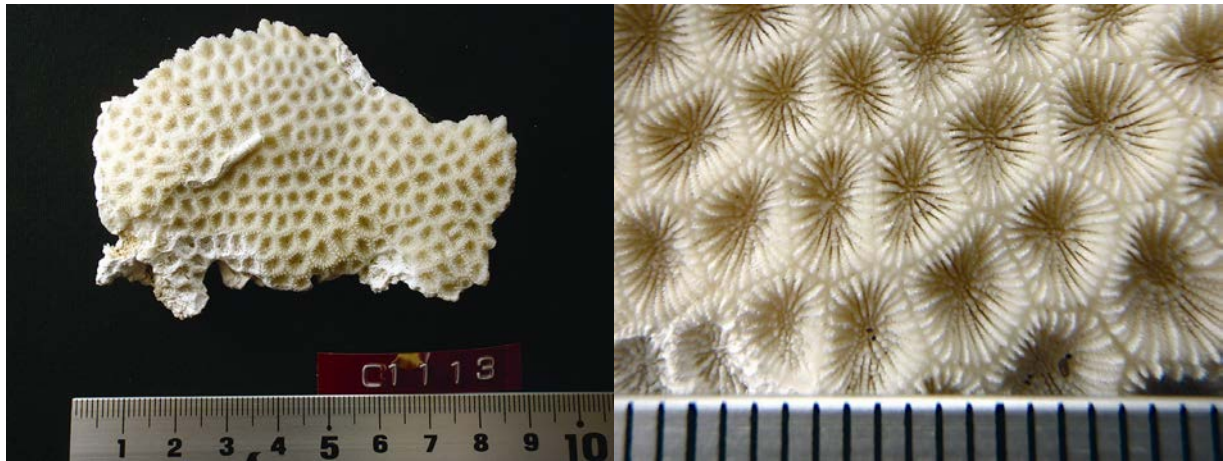
Goniastrea pectinata, KU-C 1073



Goniastrea retiformis, KU-C 216



Leptastrea pruinosa, KU-C 1032



Leptastrea purpurea, KU-C 1113



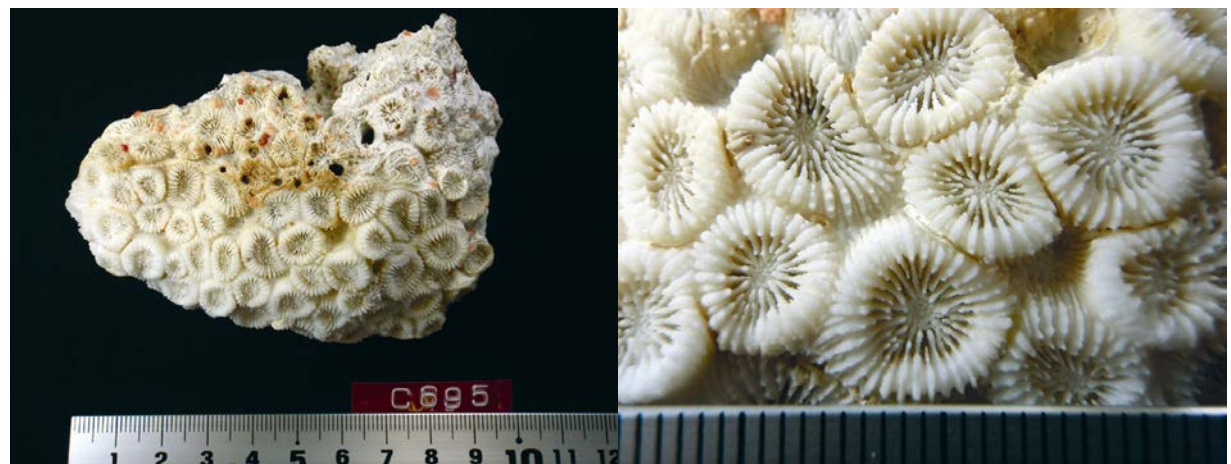
Leptastrea transversa, KU-C 730



Leptoria phrygia, KU-C 709



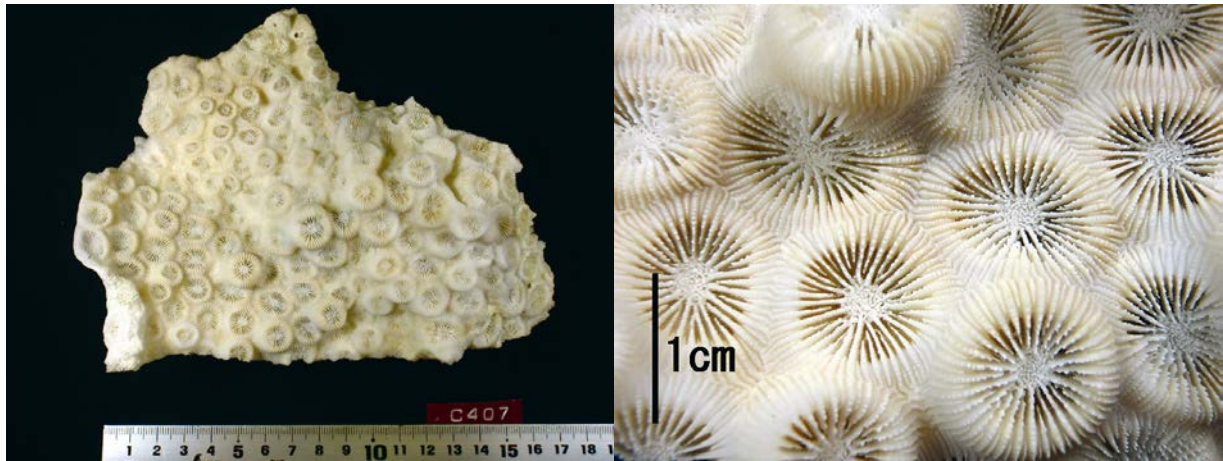
Leptoria irregularis, KU-C 492



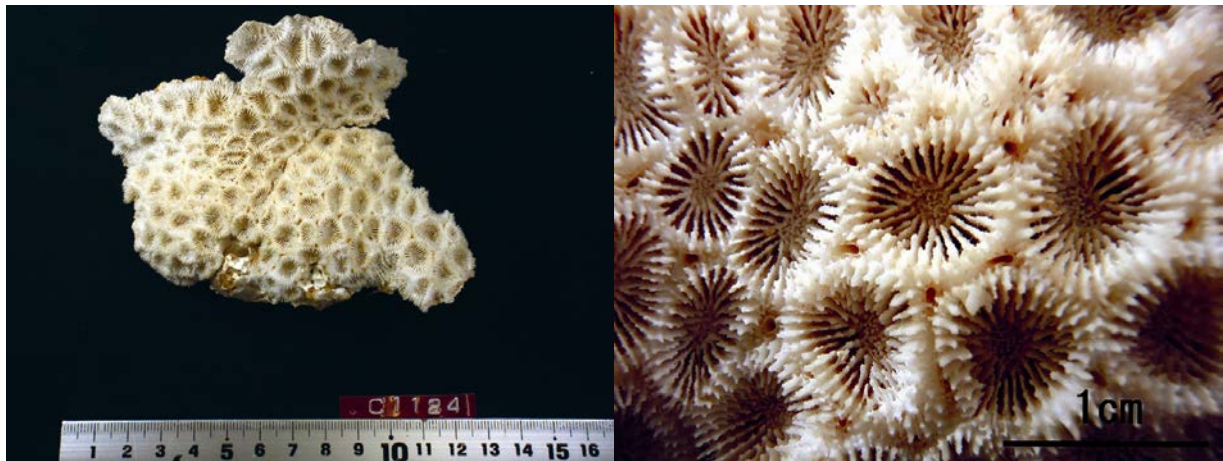
Montastarea annuligera, KU-C 695



Montastraea curta, KU-C 219



Montastraea magnistellata, KU-C 407



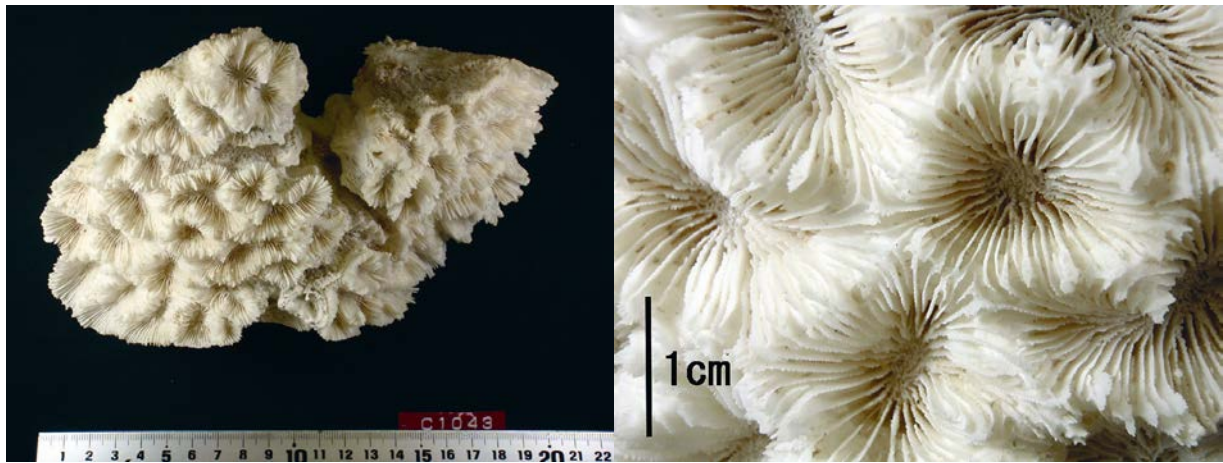
Montastraea valenciennesi, KU-C 1124



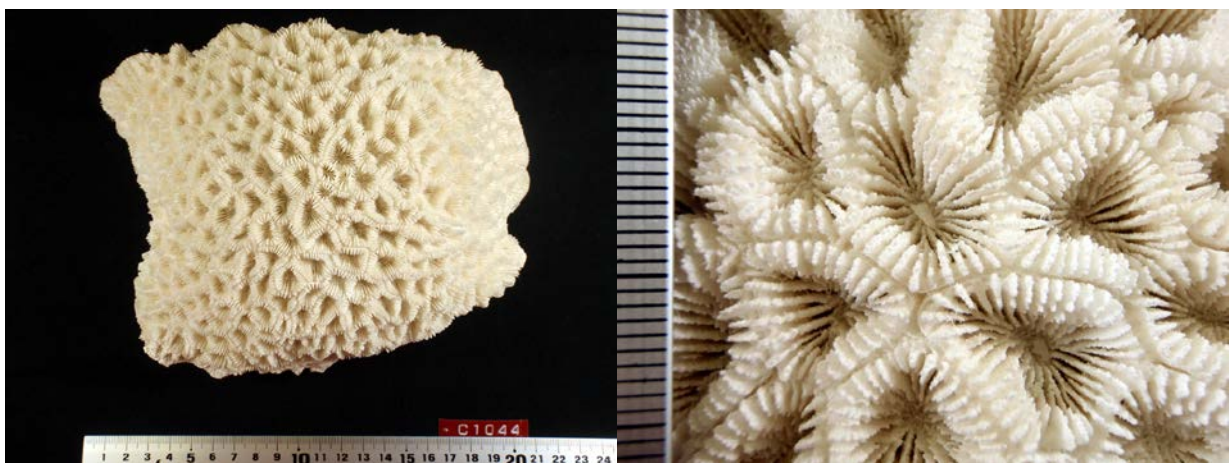
Montastraea aff. *valenciennesi*, KU-C 500



Montastraea salebrosa, KU-C 1036



Oulophyllia bennettiae, KU-C 1043



Oulophyllia aff. *bennettiae*, KU-C 1044



Oulophyllia crista, KU-C 734



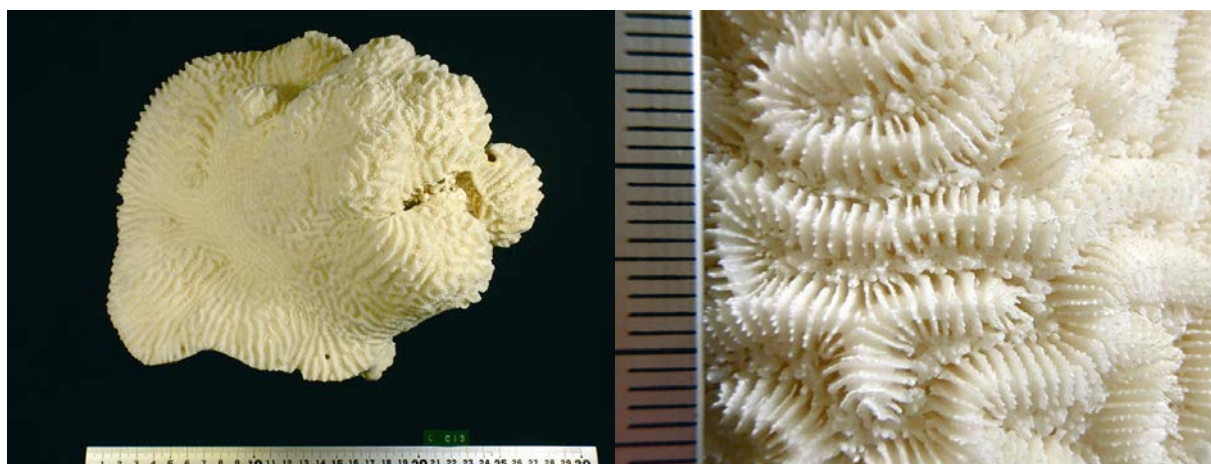
Oulastrea crispata, KU-C 1037



Platygyra contorta, KU-C 966



Platygyra daedalea, KU-C 17



Platygyra lamellina, KU-C 13



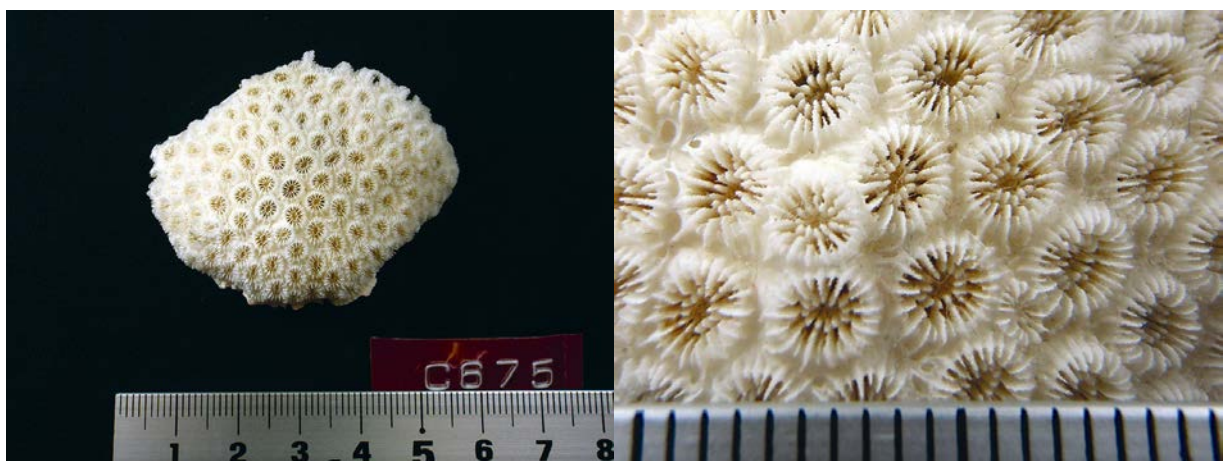
Platygyra pini, KU-C 774



Platygyra ryukyuensis, KU-C 7

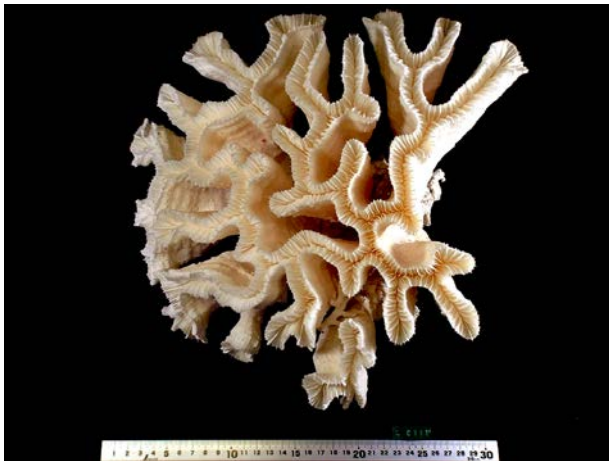


Platygyra sinensis, KU-C 988



Plesiastrea versipora, KU-C 675

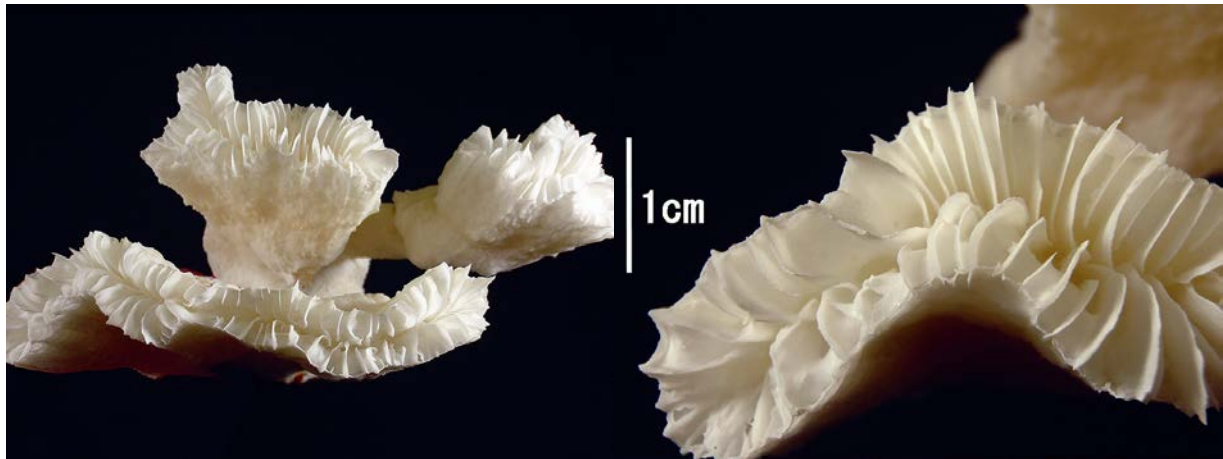
Euphyllidae



Euphyllia ancora, KU-C 112



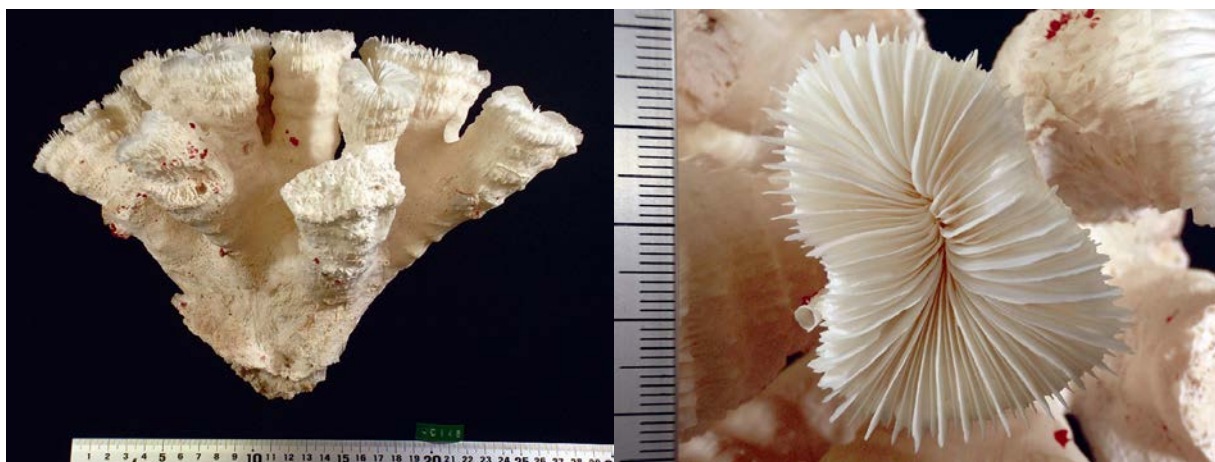
Euphyllia divisa, KU-C 136



Euphyllia divisa, KU-C 136



Euphyllia glabrescens, KU-C 462



Euphyllia yaeyamaensis, KU-C 148



Physogyra lichtensteini, KU-C 134

Dendrophylliidae



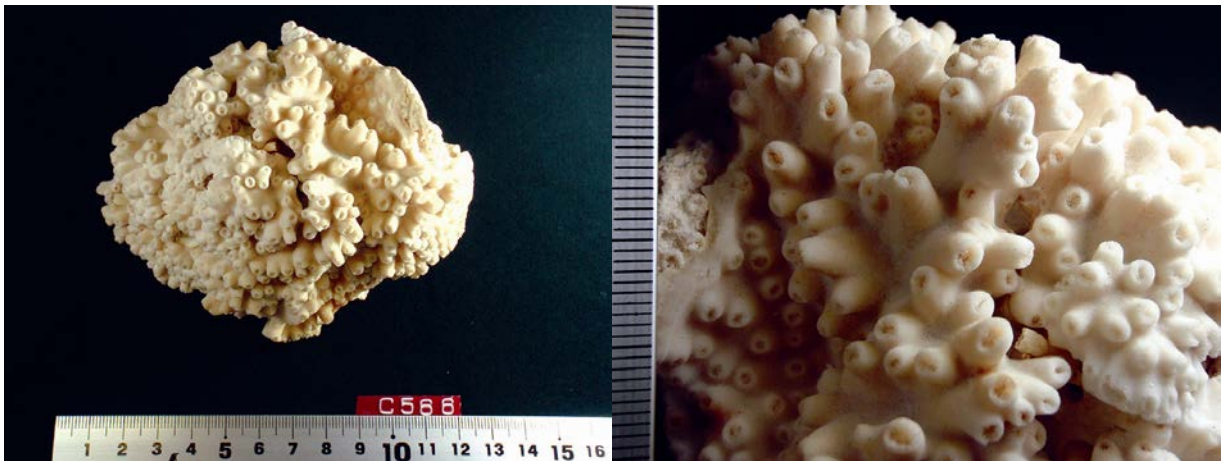
Plerogyra sinuosa, KU-C 42



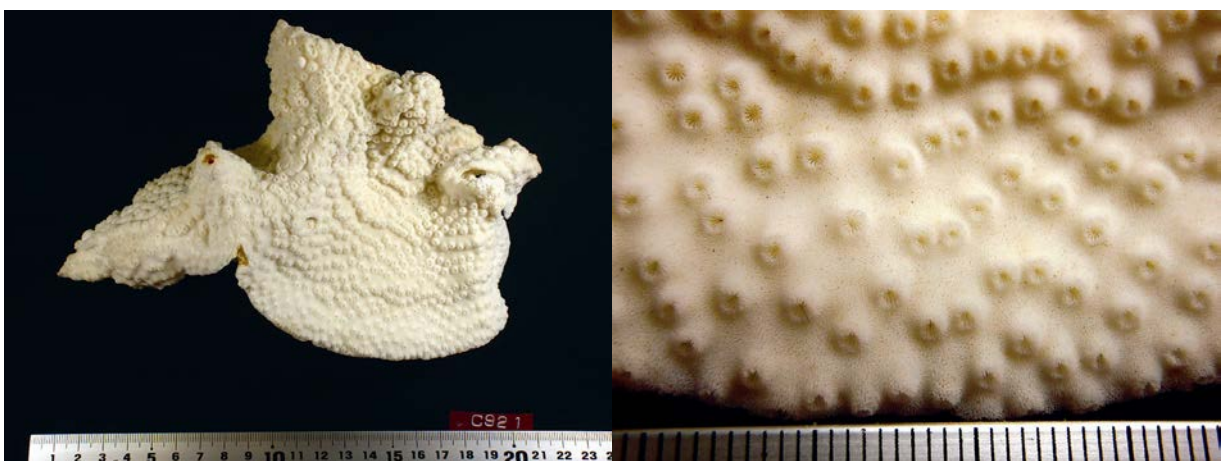
Turbinaria frondens, KU-C 1076



Turbinaria frondens, KU-C 1076



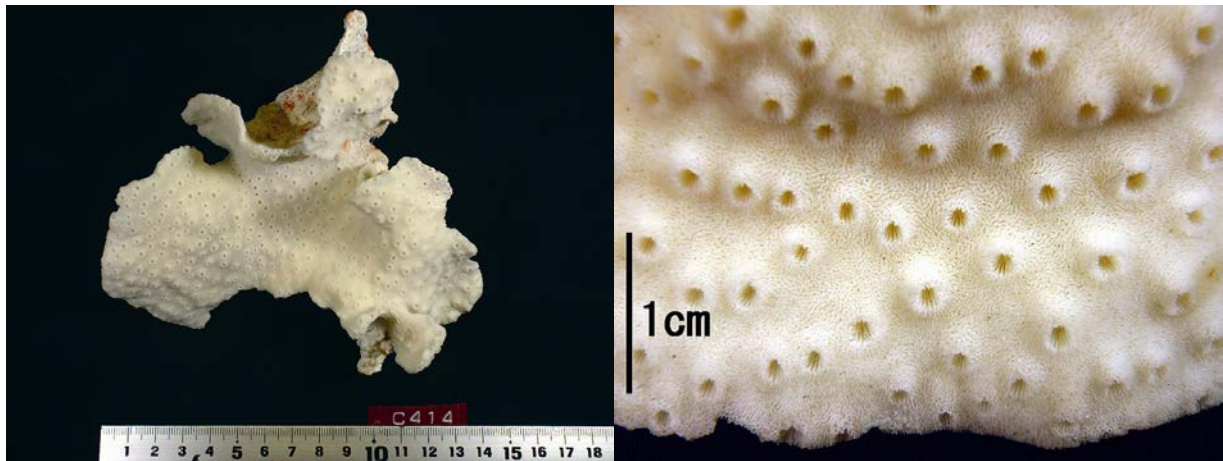
Turbinaria irregularis, KU-C 566



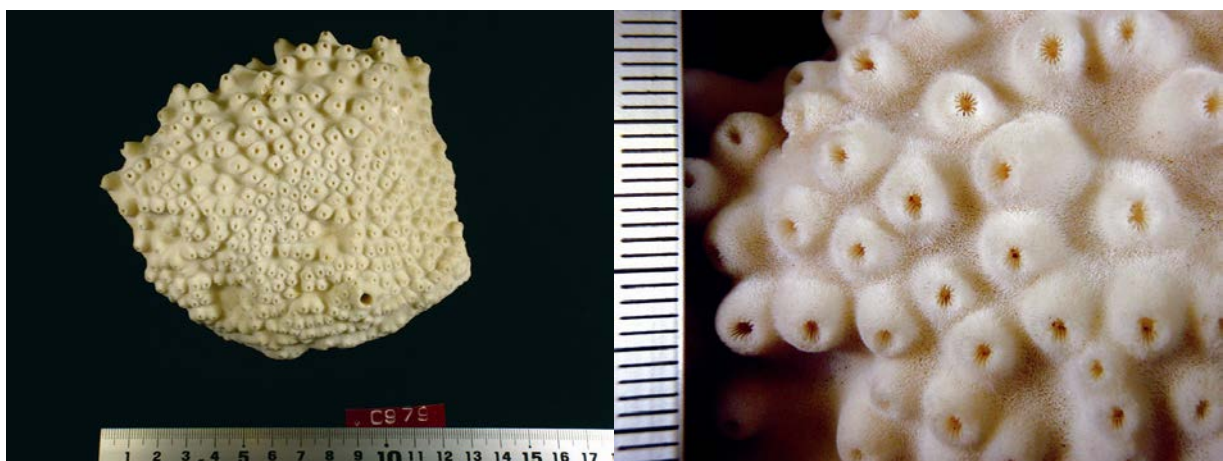
Turbinaria mesenterina, KU-C 921



Turbinaria peltata, KU-C 568



Turbinaria reniformis, KU-C 414



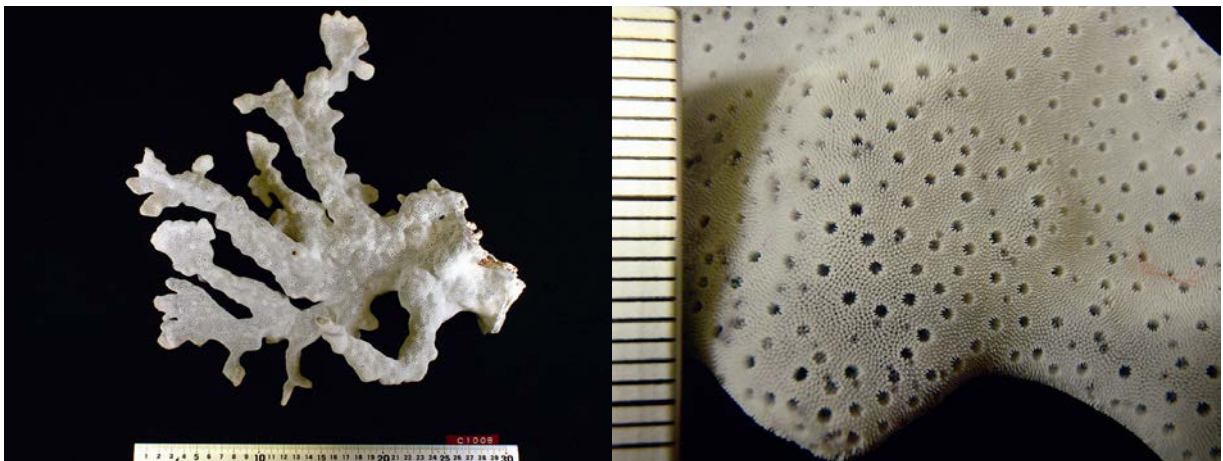
Turbinaria stellulata, KU-C 979

Tubiporidae



Tubipora musica, KU-C 320

Helioporidae

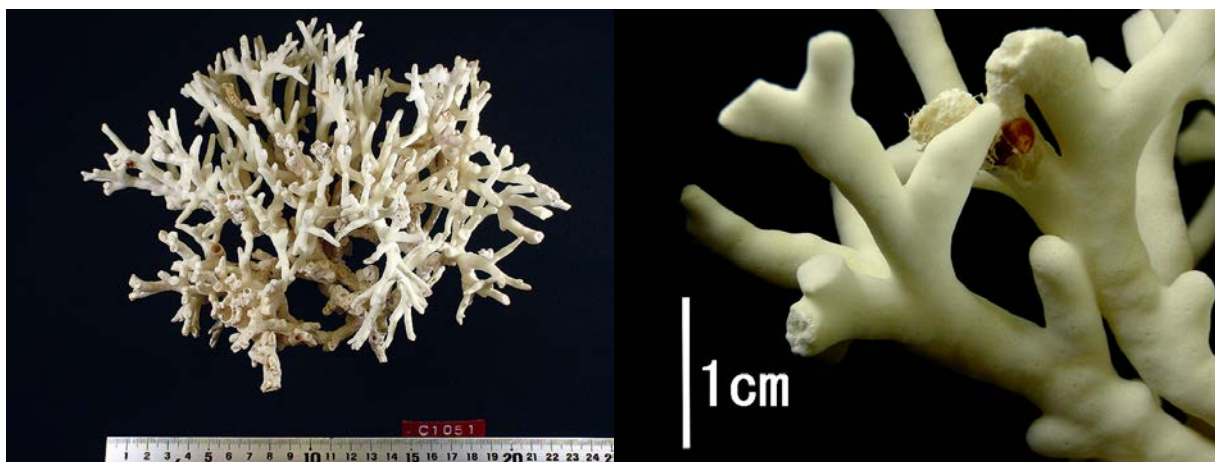


Heliopora coerulea, KU-C 1008

Milleporidae



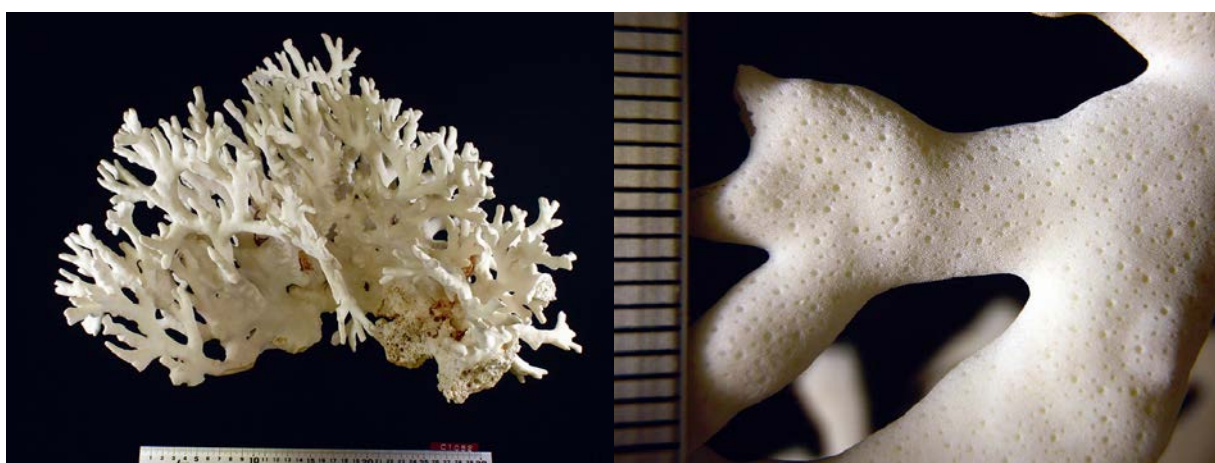
Millepora exaesa, KU-C 1009



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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2013 年 5 月 7 日

May 7, 2013

「黒島研究所収蔵造礁サンゴ目録 第2版」正誤表

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

ページ page	誤 erratum	正 correction
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P35 *Favia laxa* ⇒ *Favia* aff. *laxa*

P36 *Goniastrea aspera* Verrill, 1905 ⇒ *Goniastrea* aff. *palauensis* (Yabe and Sugiyama, 1936)

※KU-C1071 のみ変更

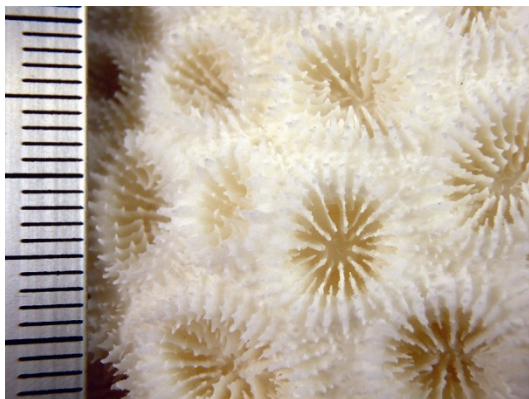
※It is a change for KU-C1071

P64 *Acropora yangei* ⇒ *Acropora yongei*

P107 *Symphyllia valenciennesii* ⇒ *Symphyllia valenciennesii*

P115 *Favia laxa* ⇒ *Favia* aff. *laxa*

P117



⇒



P120 *Goniastrea aspera* ⇒ *Goniastrea* aff. *palauensis*

※KU-C1071 のみ変更

※It is a change for KU-C1071