

H. REISWIG II

*Mc Gill*

If found, Please  
Return to :

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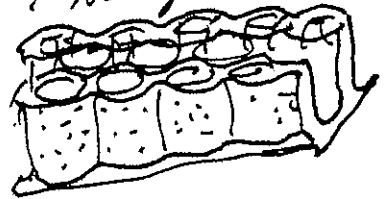
or Tel (514) 398-4089

**Note 2** - 'Volvulina' - This is hexactinosean - NOT Lychiskid!  
 Somewhat like Auloplex / Trebodioid - but would need detailed  
 inspection. Tissues appear to be intact!? but this may be  
 fungal slime from larval decay - Pieces too small to determine  
 canalization. changed alcohol. May need to borrow something.

**Note 3** : Joanella : Fragments here may represent 2 diff  
 species? - maybe one? - Both appear to have tissues.

a) Big one: looks like a Dactylocalyx to me - But no possibility  
 of ~~the~~ a <sup>crude</sup> honeycomb structure unknown in that group  
 1 mm holes spaced fairly regularly in internal & external wall  
 and surfaces - ? how far do they go?

b) Smaller frag is very clearly of a ? <sup>crude</sup> Honeycomb  
 structure - alternate tubes found  
 by walls convoluted in one plane  
 alternate in direction of opening -  
 but surface may be abraded to  
 make a slit - elongate series.



Five 1mm holes in walls  
 (Took frags of each in sep vials)



28: III B cont'd

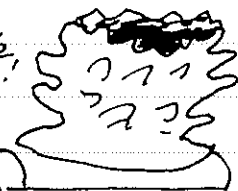
neg 9:175:1 (13-25) Anoplegma lanterna Schmidt Note 1 2 pos: (a) (b)  
 BM-1939.02.10.039. Blake Agassiz Exp.  
 18 Jan 1878 23° 07' N 82° 43.5' W. Stn 18-756 fm  
 (Scleroplegma (lanterna) No. (217) Exch Camb Univ Mass. Label)



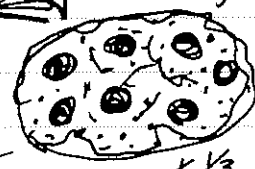
neg 9:175:1 (13-26) Volvulina sigsbeeii Schmidt Note 2 6 pcs of rigid hex, mixed w rotten fungi + decayed label - a real mess!  
 BM-1939.02.10.040. off Havana, also Barbados  
 Exch Cambridge Univ Mass.  
 (Cyrtanum sigsbeeii)



neg 9:175:112 (13-27) Lefroyella decora Thomson Frag x 1/2 HARD!  
 BM-1955.01.01.001. from Cable: St Vincent, W.I. Purple color from Cable sheath?  
 Proc. Capt A. Morrell. (Purple color from Cable sheath?)  
 \* may try more info from Reg. purplish



neg 9:175:2 (13-28) Joanella compressa Schmidt Note 3 big mass w lots of frags. like loose Dactyloca 2 size frags.  
 BM-1939.02.10.032. Gulf of Mexico? 2 pcs each  
 Exch. Cambridge Univ Mass  
 (Status uncertain)



(13-29) Semperella cucumis Schulze white frag of sheets x 1/2  
 BM-1908.09.24.063. Valdivia Ex Stn 208  
 296 m. Berlin Mus Exc.



neg 9:175:2 (13-29) Semperella schulzei Semper white x 1/2 root w Palythron  
 BM-~~1908.09.24.063~~ Challenger Stat 192  
 1887.10.20.109. Little Ross Is.  
Semperella (schulzei) gracilis (jno)



Note 1 inspected spec: (a) has label w Long/Lat: 23.0230 N 83°13' W 342 fm  
 which differs from Main Label. it is finer mesh than (b). - it appears to be a Dactylocaelyx frag no tissues but would need detailed inspection.  
 Frag (b) is coarse-mesh + consists of a delicate inner tube vestibule - it is fairly washed-out multitubular hexactinosean but NOT Lychniskid.  
 Mesh is fairly regular - could be a Myliuroid or Eucetid - would need Loan to determine structure adequately - None of this in Lychniskid.



13<sup>14</sup> June '88

Bnt Mus web

28 IV A

13-30

Pheronema gigantea

Schulze

BM-1887.10.20.101.

Challenger Stn 192



9.175.4 (X)

(Pheronema giganteum)

mus spec in 2 parts in 2 Jan - Nice preserved walls up to 8 cm thick! WOW

(SND Roll 4)

Hyalonema lusitanicum

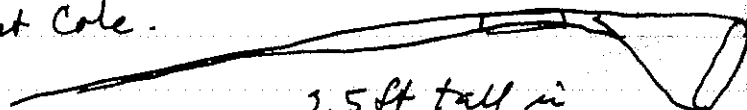
Bocage.

BM-1884.06.26.009.

S. of Puerto Rico, W.I.

342 fm. Coll: Capt Cole.

Punch of Sowerby.



2.5 ft tall in Tall Jar.

(not photo'd - Not remond.)

END Cabinet 28: for Hex.

14 June

Start Roll 5

Start Cabinet

24 IV A

9.175.4 (X)

14-1

Crateromorpha murrayi

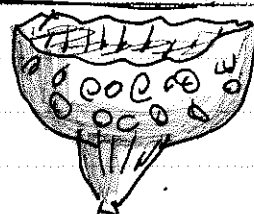
Schulze

BM-1887.10.20.067.

Challenger Stn 192

6. Sept 1874 129 fm.

Large spk  
fragile  
Tan  
x/5



(C. meyeri)

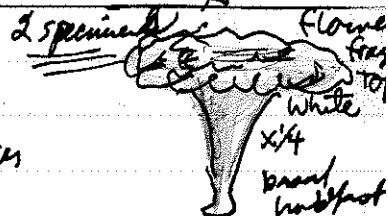
Crateromorpha tumida

Schulze

BM-1887.10.20.068.

Challenger Stn 1949

Pl II. 29. Sept 1874 off Banda Is. 360 fm



2 specimens

Flower frag  
white  
x/4  
brant  
white spot

9.175.4 (X)

14-2

Crateromorpha meyeri

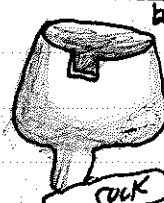
Gray

BM-1900.09.07.006.

Japan, Okinose nr Misaki

Punch of Alan Owston 200 fm May 1899.

(infested by annelid Syllis ramosa)



beauty  
with  
white  
x/4

9.175.4 (X) (Faint)

14-3

Hyalascua hodgsoni

Kirkp. TYPE

BM-1908.02.05.001.

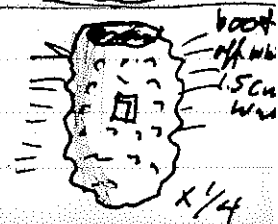
Discovery Antarctic Exp

22.1.02 off Erebus + Terror. 500 fm.

88-6-14.1

(Hyalascua tumida) Fij

Pl 3 fig 1. Bottom Stn.



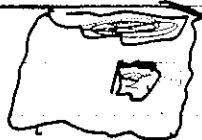
boort  
off with  
1.5 cm  
wide  
x/4

24 IVA cont'd

NOV 9 11:15:4 14-4

Bathydorax fimbriatus Schulze

BM-1887.10.20.059. Challenger Sta 248.  
July 1875 2100 F



188-6-14-2  
FRAG

~ 1mm thk. This wall tube smooth in pcs to buff

NOV 9 11:15:4 14-5

Walteria Flemmingi Schulze. TYPE

BM-1887.10.20.029. Challenger Sta 170  
Kermadec Is. 630 fm 14 July 1874

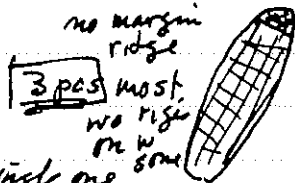


24 IV B start

NOV 9 11:15:5 14-6

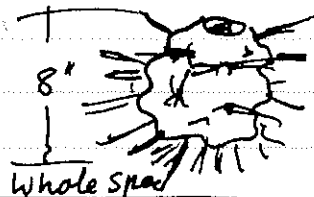
Euplectella aspergillum Owen

BM-1887.10.20.010. Challenger Stat 209  
BM-1887.10.20.011. off Zebu Philip 100 fm.  
BM-1887.10.20.012. Jurceila  
3 spec - no way to identify any single one



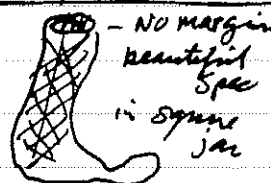
Allorossella levis Kirkp TYPE

BM-1908.02.05.017. Discovery Antact. Exp.  
W. Rossella with Quarts Dredged 10 fm near ship.  
Fijid PL2 fig 2.



Euplectella aspergillum Owen

BM-1887.10.20.007. Challenger Exp Sta:  
Near Zebu, Phil 100 fm Record for Exhib.



NOV 9 11:15:5 14-7

Euplectella jovis Schmidt

BM-1939.02.10.033. Grenada Excl.  
St Lucia 423 fm. Sta 121 Ag. 79  
Sta 221  
End. E. suberea Univ Mass.

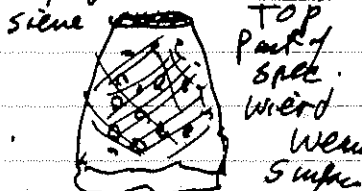
2 pcs: \*Label Conflict  
Prob took Pcs of Dig tube top.



NOV 9 11:15:5 14-8

Regadrella phoenix Schmidt

BM-1897.04.06.001. Caudan Exped Sta 4.  
Bay of Biscay 6° 21' N 40° 57' W. 1410 m.  
Ann U. Lyon - 26: 275



never fragile TOP  
not antip orn white  
1/4  
boot off white 1.5cm wide

14  
June  
88


# Brit Mus Wets

**24** **IV-B** contd

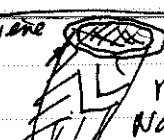
○ Rossella antarctica Carter  
BM-1887.10.20.054. Challenger Exp. Sta 150  
Kerguelen Is. 18 Feb 1874

○ ○ Jar of  
white balls  
of spec -  
○ ○ ? No spec  
○ ○ 'Purse'

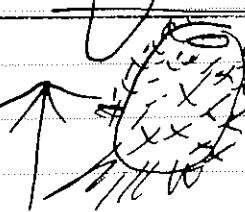
9:17:5 14-9 Symplectella rowi Dundy **TYPE**  
BM-1923.10.01.012. Terra Nova Exped Sta 96  
N.Z. 70 fm Spec Fig'd No XV

 Squish  
of  
brown  
pec.

9:17:5 14-10 Euplectella speciosa  
BM-1872.09.30.001. Cebu  
Purch. Dr. Mayer; Euplectella aspersillum Owen  
(Status uncertain)

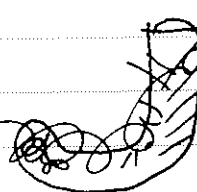
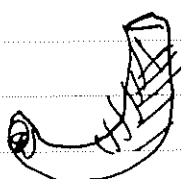
stone  brown  
ridges  
No holes?

9:17:6 14-11 Rossella antarctica Carter  
BM-1887.10.20.055. Challenger Sta 320  
600 fms



 white  
boot  
huge  
Pentast.

~~24~~ **24** **IV B** contd




○ Euplectella aspersillum Owen  
BM-21-14a Challenger Exp Sta  
Near Zebu Philippine 100 fm

 no margin  
ridges yes  
bell  
 no margin  
cutt  
ridges yes  
bell

9:17:6 14-12 Regadrella phoenix Schmitt  
BM-1926.04.14.058. Gilchrist Coll S. Afr. Spgs.  
R.N. 564 (para).

margin cutt short  
25 peci  
 broad disc  
 6"  
x 1/4

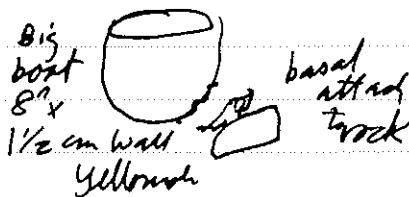
○ Rossella antarctica Carter  
BM-1926.10.26.213. Terra Nova Ex.  
Arctic Benthos Sta 6.

5 pecs - green  
    
3 1/4 H. to 1 cm diam

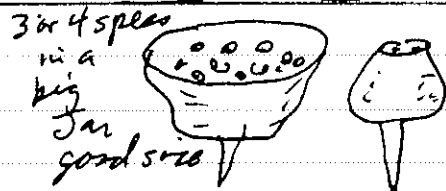


24 IV-B coral

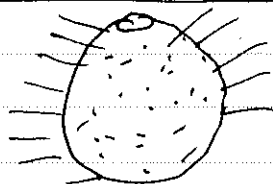
o Rossella antarctica Carter  
BM-1887.10.20.053. Challenger Stn 150  
150 fm.



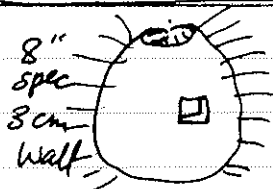
14-13  
11/15:6  
o Crateromorpha meyeri Gray  
BM-1887.10.20.065. Challenger  
Zebu, Philip



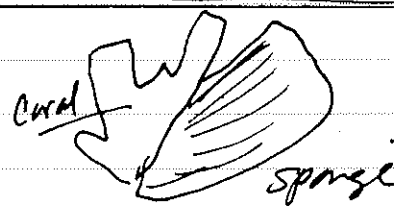
o Rossella antarctica Carter  
BM-1887.10.20.052. Challenger lat. Stn -  
off Xmas Harbour, Kerguelen 50 fm



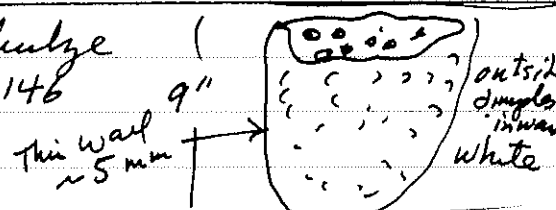
o Rossella antarctica Carter  
BM-1908.02.05.003. Discovery Coll Antarc Exp.  
(209) No 10 hale 130 fm W.G. 3.VI.D3  
14a - Slides. Spec B.



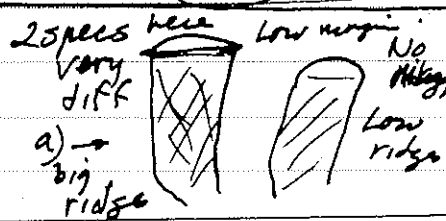
o Rossella dubia Schulze  
BM-1887.10.20.057. Challenger Stn 310  
Vide FES. Sitzb Akad Wiss Berl. 1897(1): 537  
Acanthascas dubius FES Challenger Stn 310



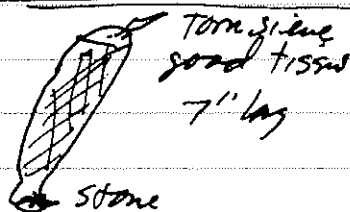
o Malacosaccus vastus Schulze  
BM-1887.10.20.026. Challenger Stn 146  
1375 fm 29 Dec 1873



14-14  
11/15:6  
o Euplectella aspergillum Owen  
BM-1887.10.20.008. Challenger Stn 209  
BM-1887.10.20.009. 100 fm off Zebu  
Which is white?  
USNM on spec exhibit - Index Mus.



o Regadrella okinoseana Jjima  
BM-1900.09.07.005. Okinose, Japan  
Purch of Alan Olmston



14  
June  
88

Brit Mus webs

24 IV B end

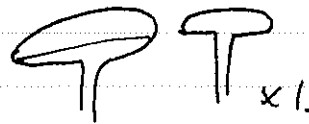
○ Euplectella aspergillum Owen  
BM-1921.11.30.004. J. Murray Coll  
\* need Loc data Stn?



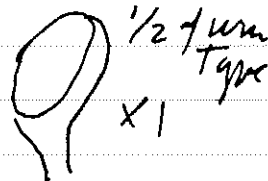
low cuff  
low ridge  
14" long  
good

X Start → 27 III C

○ Caulophacus elegans Schulze  
BM-1887.10.20.039. Challenger Stn 241  
BM-1887.10.20.040. > which is which?



X Balanites pipetta Schulze TYPE  
BM-1887.10.20.037. Challenger Stn 157.  
(Caulophacus pipetta) (= Caulophacus pipetta)



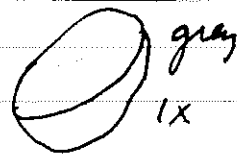
1/2 turn  
Type  
x1

○ Caulophacus valdivae Schulze  
BM-1908.09.24.018. Valdiva Exp. Stn 152.  
Berlin Mus Exch.



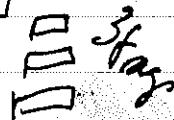
frag

X Pleorhabdus oriformis Schulze  
BM-1887.10.20.036. Challenger Stn 156  
(Caulophacus oriformis) (Prob. Caulophacus oriformis F.E.S.)



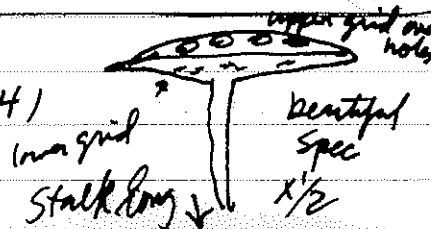
gray  
1x

○ Caulophacus antarctica Schulze + Kirkp Cotype  
BM-1910.10.28.004. Gauss Exp. Stn 24, ii.03  
2725 m (part of stem) Spec 68.



3 frags

○ Caulophacus elegans Schulze  
BM-1887.10.20.041. Challenger Stn 241  
35° 41' N 157° 42' W.



beautiful  
Spec  
x 1/2

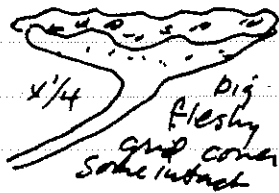
27 III C

① Caulophacus latus Schulze  
BM-1887.10.20.028. Challenger Stn 147  
1600 fm. 30 Dec 1873

a bit beat up



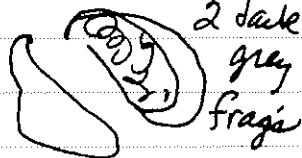
① Caulophacus arcticus (Hansen)  
BM-1936.09.22.167. Spitzbergen AM 2.1  
Zool Inst Acad Sci Leningrad.



1/4  
big fleshy and convex some tuberc

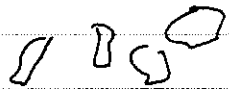
27 III B Start

① Placopogon solutum Schulze  
BM-1936.03.04.093. Murray Exp Ind Oc.  
→ Placopogon solutum, Stn 54.



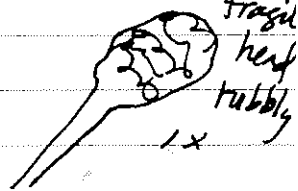
2 dark grey fragi

① Sympagella nux O Schmidt  
BM-1939.02.10.035. off Bora Grande  
15 Feb 1869. MCZ No. 98. 125 fm  
Exch Cambridge Univ. Mass.



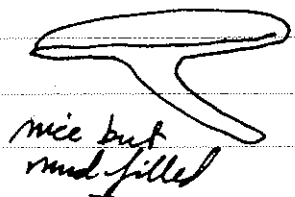
mess of parts  
Poor shape

① Caulophacus arcticus (Hansen)  
BM-1910.01.01.796 (iv) Norman Coll.  
Trondhjem Fjord. 1893 150-250 fm.



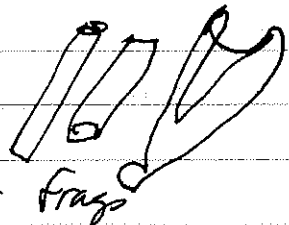
fragile head tubbly  
1x

① Caulophacus arcticus (Hansen)  
BM-1936.09.22.165. Spitzbergen AM. 49.2  
Zool. Inst. Acad Sci Leningrad.



nice but mud-filled

① Caulophacus arcticus (Hansen)  
BM-1936.11.20.018. Spitzbergen AM 55.3  
Zool Inst Acad Sci Leningrad.



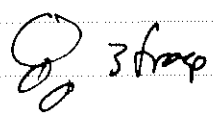
fragi

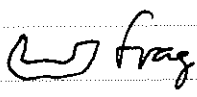


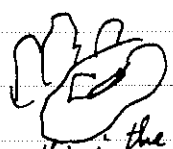
27 III B contd

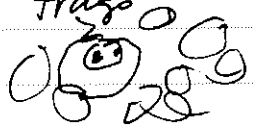
① Caenophacus arcticus (Hansen)  
BM-1936.09.22.166. Spitzbergen AM. 49.4  
Zool. Inst. Acad. Sci. Leningrad.  
Tubes - frags.  
larger than others.

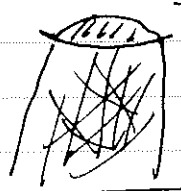
① Regadrella phoenix Schmidt  
BM-1908.09.24.016. Blake Exp.  
Barbados. Berlin Mus Exch.  
□ frag.

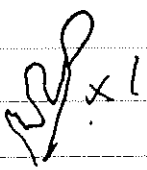
① Chaunanguim crater Schulze **TYPE**  
BM-1908.09.24.021. Valtwa Exp. St 209.  
362m. Berlin Mus Exch. 

① Saccocalyx pedunculata Schulze **TYPE**  
BM-1908.09.24.017. Investigator Exp Stn 118.  
Berlin Mus. Exch. 

① Saccocalyx pedunculata Schulze  
BM-1907.08.01.013. Investigator Exp Stn 118  
1503 fm.   
Big Frags  
Perhaps this is the entire spec?

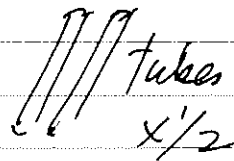
⊗ Placoplegma solutum Schulze  
BM-1936.03.04.079. Murray Exp. Ind Oc.  
→ Placoplegma solutum Stn 54.  
~50 pcs of 2-3 cm frags 

① Regadrella phoenix Schmidt  
BM-1913.08.14.001. S. Africa: Cape Morgan.  
8/7/06 250-320fm. N 3/4 W 13 mi  
Pres Trust S. Afr. Mus. per L. ~~Perr~~ Pennington   
TOP Portion x 1/2

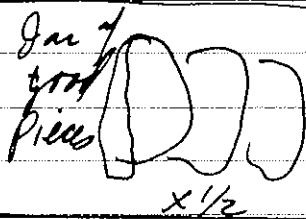
① Sympagella nux Schmidt  
BM-1887.10.20.035. Challenger Stn:  
Porto Praya, St. Jago. C. Verdes 100-120 fm.  x 1

27 III B

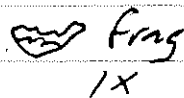
○ Trachycaulus gurlitti  
BM-1887.10.20.042. Challenger Sta 289



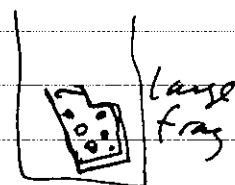
⊗ Aulascus johnstoni Schulze  
BM-1887.10.20.034. Challenger Sta 145a  
310 fm  
(→ Sympagella johnstoni)



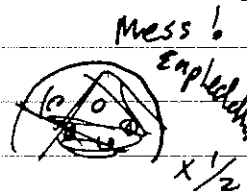
○ Placopegma solutum Schulze **TYPE**  
BM-1908.09.24.020. Valdivia Exp St 240  
2959m. Berlin Mus. Exch.



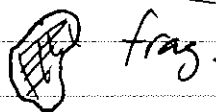
○ Dictyaulus elegans Schulze **TYPE**  
BM-1908.09.24.015. Investigator Exp.  
\* Loc data? Berlin Mus Exch.



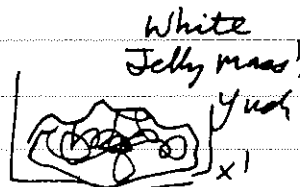
○ Dictyaulus elegans Schulze  
BM-1907.08.01.008. Investigator Exp. Sta 150  
719 fms.



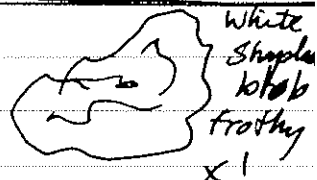
⊗ Aulascus cladocaulus Fjirina  
BM-1908.09.24.019. Japan  
→ Sympagella cladocaulus? - Status uncertain.  
Berlin Mus Exch.



○ Caulocalyx tener Schulze  
BM-1887.10.20.071. Challenger Sta 333.  
13 March 76 Sept 2025 — ?




○ Hyalostylus dives Schulze  
BM-1887.10.20.033. Challenger Sta 289  
23 Oct 1875 Sept 2550 — ?





~15  
June  
88


Brit Mus Wells


27 III D

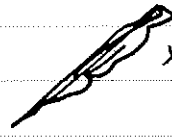
○ Scolymastra joubini Topsent  
Bm. 1926.10.26.068. Terra Nova 1910-13  
Ant. Benths Stn 1.  2 pos  
x1

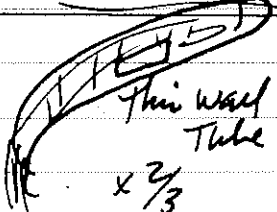
○ Holascus fibulatus Schulze  
Bm-1887.10.20.020. Challenger Stn 146.  
(Stone disc removed to another bottle)  Part of wall  
tissue more  
x 1/2

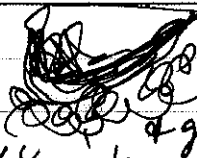
○ Holascus fibulatus Schulze  
Bm. 1887.10.20.023. Challenger<sup>st</sup> 160  
Pl. 5. 2600 fm.  wall  
frag  
x 1/2

○ Holascus fibulatus Schulze.  
Bm-1887.10.20.021. Challenger Stn 147  
3 XII 73 1600 (fm?)  Jan.  
white  
mud  
x 1/2

○ Holascus robustus Schulze **TYPE**  
Bm-1908.09.24.014. Investigator Stn 118  
Berlin Mus Exch.  frag x1

○ Holascus stellatus Schulze  
Bm-1887.10.20.018. Challenger st. 325B  
2 March 1876 2650 fm.  x1

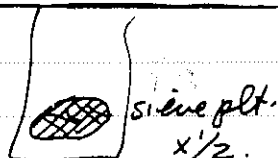
○ Holascus stellatus Schulze  
Bm. 1887.10.20.019. Challenger Stn 325  
plate 5. 2650 fm 2 March 1876  This wall  
Tube  
x 2/3

○ Holascus fibulatus Schulze.  
Bm-1887.10.20.022. Challenger Stn 147  
1600 fm.  The  
stic  
& grey  
x 1/2 dorsal matter

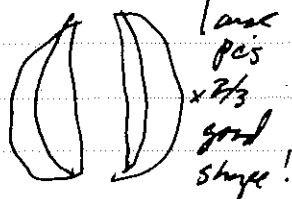


27 III D

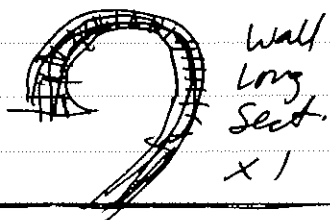
① Holascus fibulatus Schulze  
BM-1887.10.20.020. Challenger Stn 146.  
Siene die only.



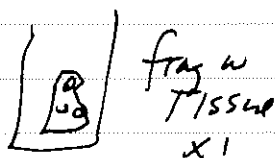
① Euplectella regalis Schulze.  
BM-1907.08.01.010 Andamans 405 fm.  
\* More info?



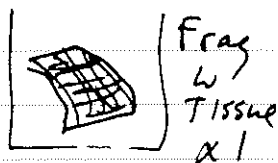
① Euplectella simplex Schulze  
BM-1907.08.01.009. Andaman Sea 250 fm  
\* Any more info?



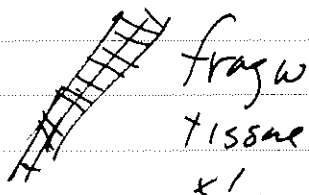
① Euplectella regalis Schulze **TYPE**  
BM-1908.09.24.019. Andaman Is  
13° 27' N 93° 14' 30" E  
Berlin Mus Exch



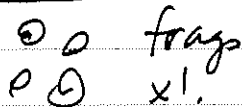
① Euplectella marshallii Ijima  
BM-1908.09.24.010. Sagami Bay Japan  
from Young Spec Berlin Mus. Exch.



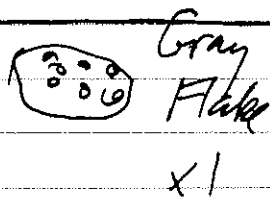
① Euplectella nobilia Schulze **TYPE**  
BM-~~1887.10.20.025~~. Valdivia Exp. Stn 33.  
1908.09.24.011 Berlin Mus Exch.



① Holascus ridleyi Schulze.  
BM-1887.10.20.025. Challenger Stn 211.  
2225 fm.



① Malacosaccus unguiculatus Schulze.  
BM-1887.10.20.027 Challenger Stn 348.



Frag  
of  
tube  
width  
1/2

x 1

Thin  
of  
what  
stick  
very  
narrow

15

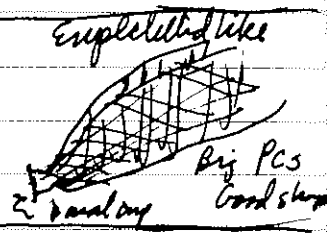
Brit Mus wets

June 88

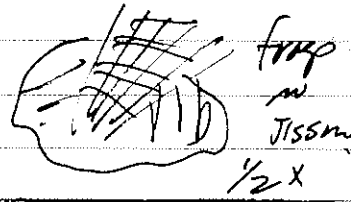
27 III D cont'd

May 9-175-6  
15-1  
Frag  
188-6-15.1

Corbitella pulchra Schulze (Vide Ij 1902)  
BM-1887.10.20.028 (= Taegeria pulchra Schulze)  
Challenger Sta 174. 3 Aug 1874 610 fm.



① Euplectella suberea Thomson  
BM-1887.10.20.013. Challenger. Sta IV  
PL 4 fig 5. 6 Jan 1873 600 fm.



① Euplectella simplex Schulze.  
BM-1907.08.09.005. Investigator Exp.  
Ind Oc. N. Sentinal Is. 250 fm 3207/9

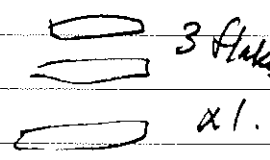


① ~~Placoplegma solutum~~ Schulze **TYPE**  
Euplectella simplex Investigator Exp. 3207/9  
BM-1908.09.24.013.

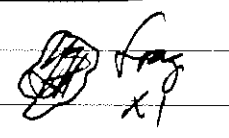


⊗ Placoplegma solutum F.S. Schulze.  
BM-1907.08.01.011.

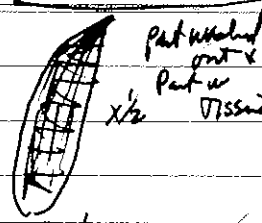
Placoplegma solutum 120° 50' N · 90° 52' E 1644 fm



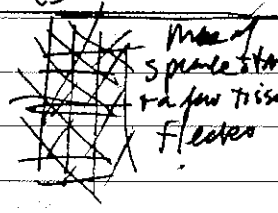
① Euplectella nodosa F.S.  
BM-1887.10.20.017. off Bermuda Is  
Depth.



① Euplectella simplex Schulze  
BM-1896.09.12.001 Andaman Is. 250 fm  
pre-Treat. Ind. Mus. Investigator.



① Euplectella suberea Thomson.  
BM-1887.10.20.015. Challenger Coll Sta 124  
1600 fm.

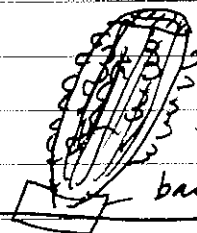


27 III D

15-2

Euplectella marshalli

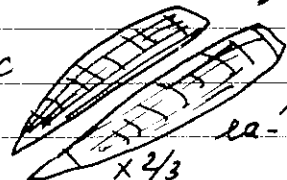
Bm - 1898.12.19.027. Sagami Bay Japan  
pouch of A. Owston (12.7.96)



a beauty!  
Tissue  
base in rag.

Euplectella suberea Thomson

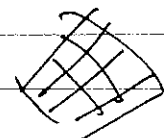
Bm 1936.03.04.570 Murray Exped. Ind Oc  
Stn 106 12-1-34. Agassiz Net 110 f.



2-3 pos  
Good  
1/2 spec  
ea - 4 tissue

Euplectella suberea Thomson

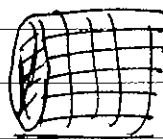
Bm 1887.10.20.014 Challenger Stn II  
1090 fm



Frag  
large spec  
tissue

Euplectella simplex Schulze.

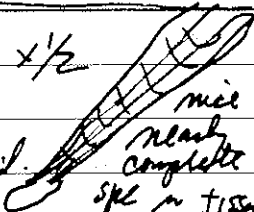
Bm - 1936.03.04.090 Murray Exped Ind Oc  
Stn 45



Toy -  
dead spec  
washed & fresh  
x 1/3

Euplectella oweni Herkl. + Marshall.

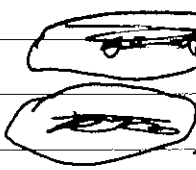
Bm 1938.07.04.041 Sea of Okhotsk.  
Stn 23 30 Aug 1932 Zool Inst Acad Sci Japan.



mic  
nearly  
complete  
spec in tissue

Scolymastra joubini Topsent.

Bm 1926.10.26.070 Terra Nova Coll 10-13  
Antarctic Benthos Station 1.

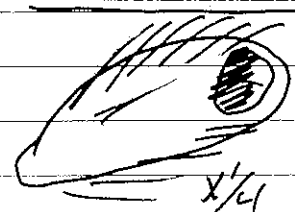


2  
Thk  
pos.  
x 2/3

15-3

~~SCOLYMASTRA~~ joubini ~~Topsent~~

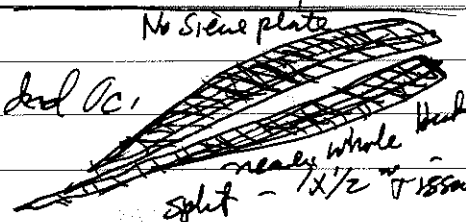
Bm 1926.10.26.069 Terra Nova  
Ant. Benthos Stn 1.



boot  
sponge  
6-ray  
x 1/4

Holascus fibulatus Schulze

Bm 1936.03.04.083 Murray Exped Ind Oc.  
Stn 145.



No sieve plate  
nearly whole head  
split - x 1/2 tissue



15 June

Brit Mus Wels.

88

27

IV A

Stat. - Mre BIG JARS

① Euptectella marshalli Dixon  
 BM-1921.11.05.012 Misaki Japan  
 330 fath Inverte. Coll. No 7 P2 of Inverte List.

Tall 2 ft Jar  
 ~40cm spec n  
 Tissues  
 No photo



① Gymnorossella inermis Topsent  
 BM-1928.02.15.806 Discovery Exped 'U.S.'  
 Sta WS 225 9.VI.28 Net OTC Depth 162-161 m  
 Sprng No V.



3L Jar  
 spec as  
 ~1/2 of  
 frags

② Hyalonema mirabilis Gray.  
 BM-1871.02.06.002 (H. sieboldii Gray)  
 status uncertain Japan



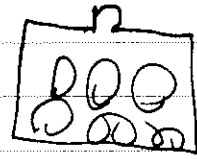
Tall Jar - 3' x 3'  
 Small head - long neck  
 head damaged  
 lots of polythene 3/5

① Hyalonema lusitania  
 BM-1869.01.01.001 Lisbon; Presby Prof J. F. B. Brongniart



large jar 3' x 7'  
 Topped head  
 long CCWS rim  
 m large  
 barncade

⊗ Phormena (Hottenia) Carpenteri  
 BM-1890.04.10.019 Sta 12 Lightning  
 Phormena carpenteri 530 fm



1 Gal jar  
 w 5 spec  
 in fair shape

① Phormena globosum Schultze  
 BM-1887.10.20.099 Challenger Coll.  
 Stat 192. 26 Sept 1874  
 129 Fms



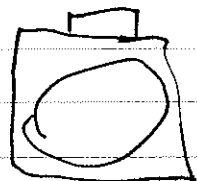
2L bottle  
 1 misc spec +  
 1 Army  
 Could not open

① Gymnorossella inermis Topsent  
 BM 1928.02.15.022 Discovery Exped 1926-7  
 S. Georgia Sta 181 R.N. CXXII  
 12.III.27 OTC. 160-335m.



1 Gal Jar  
 barrel sponge is  
 good-sized

① Rhabdocalyptra planodigitatus Kirkp.  
 BM - 1928.02.15.020. Discovery Exped 26/7.  
 S. Africa Sta 0. RN CXXIII  
 Cape Trawler 10-VII-27 OTC 329m



1 Gal Jar  
 1 large spec  
 Hairy! 1k

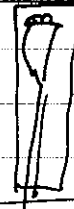
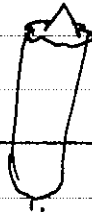
27 IVA cont'd

○ Gymnocrassella inermis Topsent  
Bn 1928.02.15.004. S. Georgia Sta 190



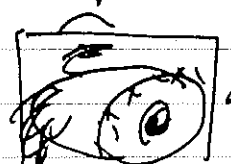
1 Gd Jm  
Sg very good  
Shape - Not  
ripled.

⊗ Hyalonema (Stylocalyx) apertum Schudze  
Bn 1921.11.30.005.  
X need more info.  
Hyalonema apertum



15" x 4" Jm  
Nice spg -  
undamaged!  
Not open

○ Pheronema Carpenteri  
Bn 1890.04.10.020. Lightning Sta 12  
530 fm.



1/2 gal Jm  
Lmsi spg  
appears deep  
in root.

○ Rhabdocalyptus Dawsoni Lambe  
Bn 1911.06.01.001. Vancouver Is  
Departure Bay. 20 fm Mrs Pixell.



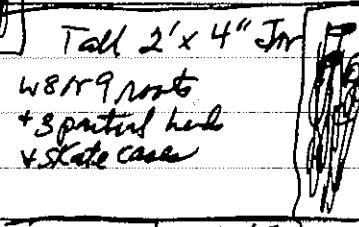
1 Gd Jm.  
Nice post -  
flattened  
+ 4 small meso  
piston

⊗ Stylocalyx apertus Schudze  
Bn 1887.10.20.084 Challenger Coll. Sta 232  
→ Hyalonema apertum 340 fm.



2' x 5" Jm w 3 sps -  
Good shape - 2 w  
redial roots - w little  
sprout - the long one  
clearly CCWS

⊗ Stylocalyx apertus Schudze  
Bn 1887.10.20.083 Challenger Coll Sta 232.  
→ Hyalonema apertum 345 fm 12 May 1875  
off Surabima Japan - From Hyalomema Ground.



Tall 2' x 4" Jm  
w 8 or 9 roots  
+ 3 pointed heads  
+ skate case

15-4  
1936.03.04.006 Murray Exped Sta 152  
Δ Dredge 600-280 fm. (Po 101) hole 92  
→ (Pleurochorium annandalei)



32 Jm w  
~ 6 pcs of  
long tube  
Euseta -

End IVA

15 June

3rd 1400 Wets

1988

27 IV B

○ Semperella cucumis Schulze.  
 1936. 03.04.565. Murray Exped Ind Oc.  
 Stn 145. 2 Apr 1934  
 Agassiz Net 510m.



1 gal Jar  
 1 large part  
 of spec  
 good shape

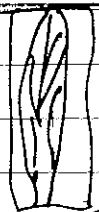
✓ Rossella podagrossa Kirkpat. **TYPE**  
 BM-1908.02.05.006. Discovery Antarctic Exp.



1 gal tall Jar  
 white spec  
 beautiful.

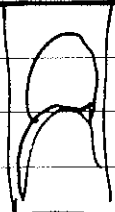
(R. racovitzae) WQ. 15.XII.02 JNet. Hul Point (129)  
 Figd - Pl 3 fig 2. rebound 1/2.

15-5 Semperella schultzei Semper  
 BM-1887.10.20.108. ↑ Challenger Coll Cebra Is.  
 95 fm Plate 9 Meyerina from Fisherma.  
Semperella schultzei Semper



2 ft Jar  
 outstanding spec  
 most parts

○ Rossella muda (Topsent)  
 BM-1928.02.15.807. Discovery Imeatz.  
 RN. CCXVI - Stn?  
 \* Need Loc data



tall 1 gal Jar.  
 2 large clumps  
 of dense spec  
 ? perfect spec?

✓ Aulorossella pilosa Kirkp. **TYPE**  
 BM-1908.02.05.026. Discovery Antarctic Exped.



3 L Jar  
 Dark spec  
 big combs

Rossella muda. 100 fm - off Coulman Is; Dretze Figd Pl 2 fig 1.  
 12C Slide

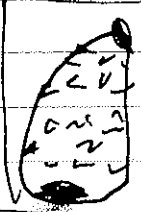
⊗ Aulorossella pilosa Kirkp **TYPE**  
 BM-1908.02.05.027. Discovery Antarctic Exped.



2 L Jar  
 like above  
 good shape.

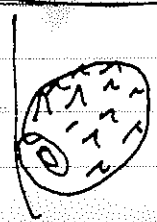
(Rossella muda) off Coulman Is. 100 fm 13.1.02.  
 12B Slide.

15-6 Rossella muda Topsent  
 BM. 1928.02.15.005. Discovery Exped. 26/7  
 S. Georgia Stn 123 RN XXXI - I 15. XII. 26  
 OTL. 230-250m



1 gal Jar  
 great spec  
 attached to  
 Slide

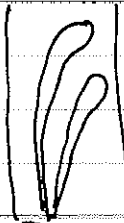
○ Rossella muda Topsent  
 BM. 1928.02.15.006. Discovery Exped 26/7  
 S. Georgia Stn 148. RN XXXIX - I  
 9-I-27 132-148m OTL



2 L Jar  
 Nice  
 spec  
 med  
 combs

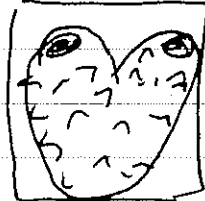
27 IV-B

(X) Hyalonema affine Brandt  
 BM 1936.03.04.540. Murray Ind Oc Exped.  
 Sta 176. Agassiz Net. 2 May 1934.  
 732m.



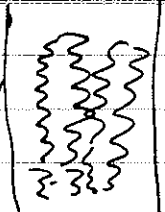
15 x 3" Jar  
 2 spec - fragled.  
 thin heads -  
 5 strands w/ strip on  
 but NOT 30 centish!

(O) Rossella nuda Topsent.  
 BM 1928.02.05.003. Discovery Exped 26/7.  
 S. Georgia Sta 190. RN LXII - I



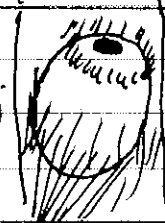
Large 1 1/2 gal Jar  
 white specks  
 present  
 condition.

15-7 Aphrocallote bocagei Wright  
 BM 1887.10.20.132. Challenger Coll. Sta 344  
 off Ascension Id. 420 fm 2 Apr 1876.

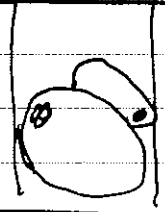


3 L Jar  
 2-3 main sp  
 Nm looks alive

(X) Holtenia carpenteria  
 BM 1870.02.11.001 North Sea - Deep Sea Draging  
 Pres by Dr. Carpenter.  
 Is this new type series?

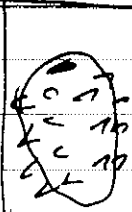


(O) Rossella antarctica Carter  
 BM 1887.10.20.050 Challenger - off Xmas Harbor  
 1887.10.20.051 Kerguelan.  
 one large one + lots of small ones (prob) next.



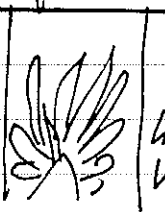
1 gal jar  
 2 beautiful  
 spec  
 Large one

(X) Aulorossella pilosa Kirkp. Co type  
 BM 1908.02.05.034 Discovery Antarctic Exped  
 off Coulman Id. 13-I-02 100 fm.



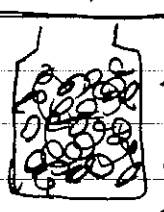
2 L Jar  
 med little  
 spec  
 Not dark  
 Big ones  
 Nice

15-8 Sarostegia oculata Topsent.  
 BM 1936.03.04.046. Murray Ind Oc Exped  
 Sta 152.



3 L Jar  
 Brady sp  
 looks long dead  
 V. Large 573

(O) Rossella antarctica Carter  
 BM 1958.12.16.057. Collector "Operaria Tabarin"  
 7-II-1949 35 fm. F.I.D.S.



1 gal Jar  
 ~ 30 sp  
 in good  
 shape in  
 it.

15 June  
1988

Brit Mus (NH)  
WETS

27 IV B

(X) Aulorossella pilosa Kirkp.

BM. 1926.10.26.066 Terra Nova Antarct Exp 1910

250 fm. off Cape Borch, Entrance to McMurto St.

Rossella muda. 14.1.12.



2 L Jar  
Nice Spec  
lots of hi  
crystals.

(?) Aphrocallistes beatrix Gray

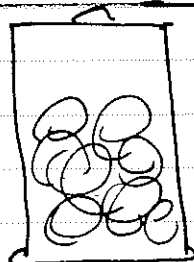
+ Hexactinella loricata Iijima

Misaki, Japan. 500-600 fms.

BM 1921.11.05.014 Insale Collector

[No 45 Insale List] Alan V. Insale.

Miscellaneous (A) Misaki Japan



3L Jar  
Misc pcs of  
diff hexacts  
mixture!

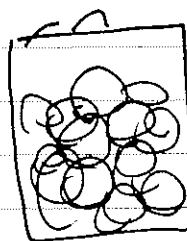
(X) Stylocalyx depressus Schultze

BM. 1887.10.20.085 Challenger. Sta 246

= Hyalonema depressum

2 July 1875. 2050 fm.

Hyalonema depressum.



1 gal Jar  
~ Spec of  
Matted type  
of Hyalonema  
Good shape.

(?) Semperella cucumis Schultze

BM. 1936.03.04.567 Murray Exped. Ind Oc.

Sta 145. [S. 295] 2 IV 34

assign net 510 m (Pp 260)



24x5" Jar  
Really pretty beak sp.


- END Cabinet 27 -

Spent 16 on looking at Slides - Notes after Dry  
Collection.

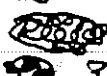


Writing on label & boxes prob Bowerbank's

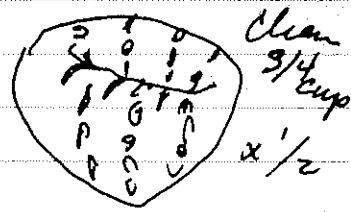
Box H-13


⊗ Dactylocalyx ingalli BwbK = D. pumiceus **TYPE**   
[Box contains]: 5 wrapped paper envelopes of fragments + 3 pill boxes  
⊙ pumiceus [Box 1]: Dactylocalyx pumiceus from Wm Landers Esq. 2nd Spec in BM-2-17a Bristol Mus - Not the type one 17.12.63 BM I ~~17-14~~ A1 Frag.

⊗ [Box 2] Dactylocalyx ingalli from Mr Ingall 9.3.60. 80 x 1  
⊙ pumiceus [Conts 3 or 4 little frags] BM-2-17b

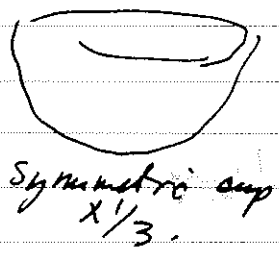
⊙ [Box 3] Dactylocalyx pumiceus **TYPE** BM 1.4.68.  3 pcs  
BM-2-17c from bottom of cup, inside. BM.

maps 9.176:6 17-14 Dactylocalyx pumiceus Stutchb.  
⊙ [Frag] BM. 1899.06.30.003. Barbados  
Pres Prof W.C. Gregory.  
88-6-17.1



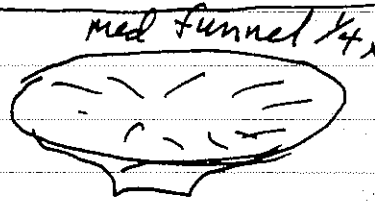
4 sp. 24-22 to 25 Dactylocalyx pumicea Stutchb. **TYPE**  
⊙ [Photos later] ~~BM Reg No but will have the Barbados~~  
⊙ [maps 9.182:2] Same as Type below: BM 1867.02.19.001A Dr Gray's 3a  
⊙ pumiceus \* Dictyo chalis pumicea - 

17-15 Dactylocalyx pumiceus Stutchb.  
24-42 to 45 BM. 1902.12.21.002. West Indies  
(History of spec. McKinn.)



88-6-17.2

17-16 Dactylocalyx pumiceus Stutchb.  
24-38 to 41 1902.12.01.001. West Indies  
(History of spec. McKinn.)



maps 9.177:1  
9.182:506

17 June

Brit Mus Dry

1988 Dry Bx **H-13** - concluded.

17-17

*Dactylocaelyx pumiceus* Stutchbury

Jack Darty

24-34 & 37

BM. 1868.05.28.029. St Vincent, West Indies.



Spec fig'd by Gray PZS 1867 pl XXVII fig 2

Purchased from Mr. Ingall.

as *D. pumiceus* x 1/6

1/6 nat'l size from a spec in the British Museum.

map 9:177:122  
9:182:445

17-18

*Dactylocaelyx pumiceus* Stutchb.

**TYPE**



24-18 & 21

BM-1867.02.19.001. 3a, Purchased of Miss Davy, Jersey

The other half of the sponge is in the Bristol Museum.

half of a huge spec

This is determined as the type by HMR on basis of Bwbk's description in 1869 -

Mony Sil-fib spp Part I - 778. 16 1/2" divided ... Also the frag

Above in 'Gray 3a' is clearly from the Brit Mus 1/2 of the TYPE!

map 9:177:2  
9:181:6  
9:182:1  
88-6-17.3

17-19

*Dactylocaelyx subglobosus* Gray

**TYPE**

2 cups as one spec group of broad corals

24-26 & 33

BM 1840.05.20.013 West Indies.

written on base of wood stand

Coal on spg as an oculinid common in West Indies.

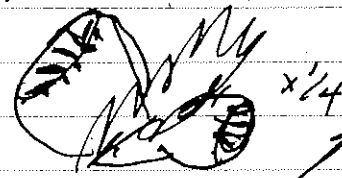
Orig Loc: "Malacca" is probably erroneous

9a ? Stevens Lists. Part of spec fig'd

PZSL 1867 PL XXVII fig 1. ✓

Slightly damaged since figs drawn.

Loc? - W. Indies - Not Malacca.



x 1/4

To borrow some day to test sym to pumiceus.

map 9:177:2  
9:182:3+4  
88-6-17.4

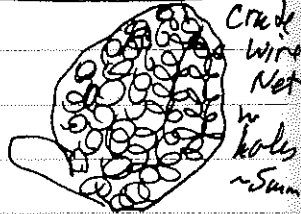
17-20

*Dactylocaelyx patella* F.E. Schunzge.

BM 1887.10.20.149. Coast of Portugal.

(Prob Challenger) Probably has dead + fouled

(*Statua incertum*)



map 9:177:3  
88-6-17.5

17-21

*Dactylocaelyx patella* F.E. Schunzge

3 pcs - like above -

BM-1887.10.20.148. Challenger Exp Sta 56  
1075 fm 29 Mai 1873

(*Statua incertum*)

map 9:177:3

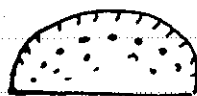
END BOX

Same

Brit Mus. Dry

Page for Nats re Dactylocalyx. Skel & etc.

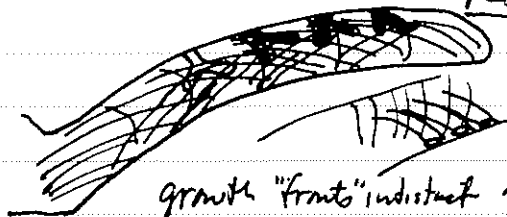
28 June Nats: Type 1867.02.19.001



TOP - holes are oblique & run radially into short grooves under surface



LOWER - elongate grooves 2-4 cm long interspersed + smaller holes. grooves to 1-2 cm deep - None go through. Smaller holes to 1 cm deep to 1.5 cm deep. These grade into slight range of canals.



Skel + Canal walls complexed - can't tell the

growth "fronds" indistinct apart w edge

Photos of Top Surface & bottom Surface - Roll 9

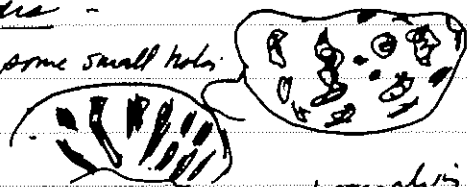
Photos of Gregory's spec of Bristol spec 1867.02.19.001A.

1840.05.20.013 - Grays Subglobularia -

larger cup w wavy, meanders outside - some small holes

inside radial grooves w sharp edge

Photos outside & inside



Smaller cup similar - outside meanders + inside 7 major spikes

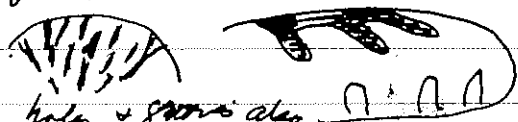
1860.5.28.29. - <sup>muddled</sup> Is this Bwbk's ingalli? (or Sollas?)

inside - radial sharp grooves

branchy common -

outside - meanders wavy w smaller holes + grooves also

photos



1902.12.01.001. - white clean

inside grooves sharp w oblique holes - branch

outside - like above - meander holes + grooves



1902.12.21.002. - clean - globular

inside - radial grooves like globular + above 5-7-20 at edge branch

outside - rounded edges of grooves + lots of holes



1899.06.30.003. Gregory - worn - nothing done.

Crude Wire Net w holes ~ Same

17 June

Brit Mus Dry

1988 Start Box H-17

17-1  
9.17.3  
+  
88-6-17.6

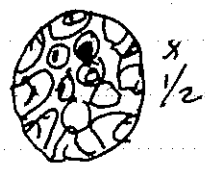
Autocystis grayi Bwbk.  
1904.06.14.001. H.M.S. Egeria,  
Macclesfield Bank, China Seas.

Typical small-featured  
grayi ~ 8mm tube size  
surface partly crust  
No single oscula  
w tissue

(Neocautocystis grayi)

Pres Lords of the Admiralty

\*Ledger: "sponge re-registered. Original No. lost, or possibly specimens ~~was~~ not registered when the rest of the collection (1889.8.20) from the Macclesfield Bank was registered." - HMR: thus there is some doubt about the authenticity of location data for this specimen - Macclesfield bank specimens are found under reg No's 89.8.20 (1-23) including specimens from 26 + 44 fms at least! It is just possible that this spec is a West Indian specimen... but who can say for sure -

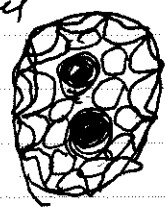


17-2  
9.17.3  
+  
88-6-17.7

Autocystis grayi Bwbk.  
Bm-1910.10.18.003. S. of Haiti,  
On cable from Tacmel; 240 ft (40 fm)

Washed out skel  
1/2 x  
No tissue  
No shell,  
crust!

Pres Master of Cable Ship "Henry Holmes" A. Morrell.  
(Neocautocystis grayi)



17-3  
9.17.3  
+  
(Neocautocystis grayi)

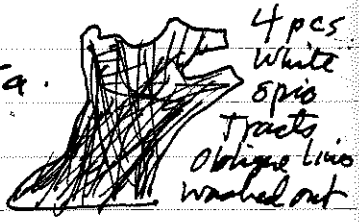
Autocystis (Myliusia) grayi Bwbk. TYPE  
Bm 1840.10.23.011. [Grays No 10a]  
St Vincent, W.I., Rev L. Guilding Coll.

base but No 'Shell'  
possible  
Recent death  
little evidence  
of osseous  
x 3/4

Myliusia grayi Bwbk - see AMNH 1877 xix p. 126.



Autocalyx irregularis F.E. Schultze  
Bm 1887.10.20.073a. Challenger St. 145a.

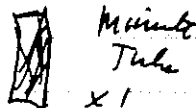


x 1.

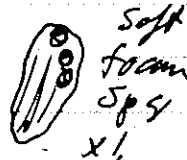
4 pcs  
white  
spongy  
tracts  
oblique lines  
washed out

H-17 contd

○ Autocalyx irregularis F.E. Schultze.  
BM 1910.10.28.050 Gannet Stn 30 iii 03  
3397m.



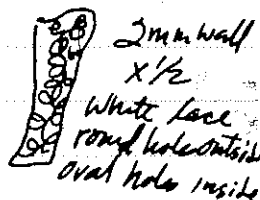
○ Autocalyx serialis Dundy.  
BM-1920.12.09.062A Sealark Coll. Ind Oc.  
Gardiner Coll. Jar 1/4.



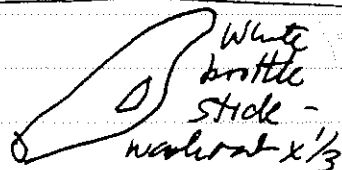
○ Rhabdodictyum delicatum Oschmitt. 2 basal pcs  
BM 1887.10.20.031 Challenger Stn 56  
BM 1887.10.20.032 SW of Bermuda



17-4 Rhabdodictyum delicatum Oschmitt.  
BM-1887.10.24.007 Challenger St 56  
w of Bermuda 1075 fm 29 Mar 1873  
Figd Pl XX Fig 7  
? question? error

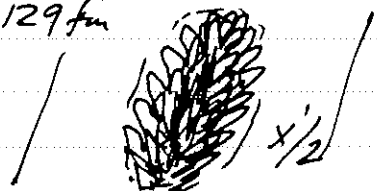


○ Sclerothamnus clausi Marshall.  
BM 1887.10.24.006 Challenger St. 194a  
360fm.  
? question error.



⊗ Dendrospongia steeri Murie => Sclerothamnus clausi Marshall.  
BM - 1903.06.26.001. Cebu, Ph. Dr. James Murie  
\*Most of spec at Midway, USA. **TYPE** of Murie's Species.  
Fig: Trans Lin Soc Zoo 1876 p219 ?  
Spongia clausi Marshall  
5 spec of Spongia white 1-2cm diam 5-6cm long

17-5 Cyrtaulon solutus F.E.S. **TYPE** crude Coarse Net  
BM- 1887.10.20.145. Challenger Stn 192. rock - NEP- like!  
Little Ki Id. 26 Sept 1874 129fm



x 1/2

5

'shell' into up dead with some

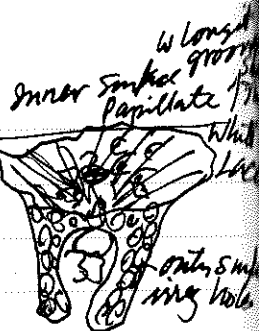
pcs into vis its Lino out



17 June  
1988

Brit Mus Dry

H-17 contd.



17-6

Eusyngma auriculare F.E.S.

Bm-1887.10.20.075A. Challenger Sta 170A  
630 fm. "Synaptical city?"



17-7

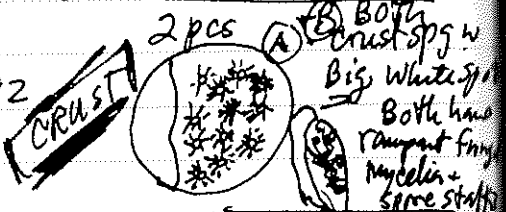
Fieldingia lagethoides Kent.

Bm-1887.10.20.146. Challenger Sta 192

inner label: Lefroyella decora Th. St Bermuda = ERROR?

88-6-17.8

28 Sept 1874 off Ki Is 129 fm.



X  
Fama sp.

Aulodictyon woodwardi Kent (= Fama sp)

Bm-1872.05.04.001 Norma Exp.

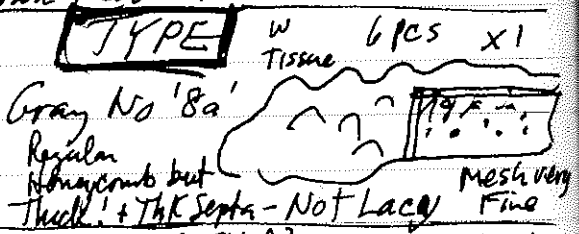
+ Aphrocalliata bocagei Wright on Lophothelia (coral)  
S. Kent Coll. 10K. - off mouth of Sado River 500 fm.

17-8

Aphrocalliata beatrix Gray

Bm-1842.11.30.012. Malacca, Gray No '8a'

PZSL 1858 p115 pl XI



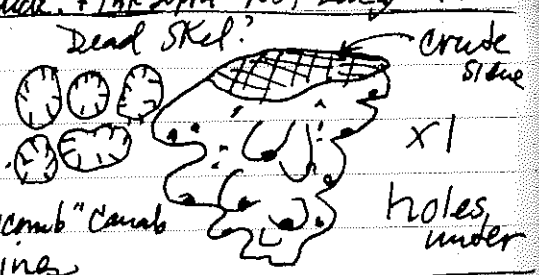
17-9

Aphrocalliata beatrix Gray.

Bm-1907.08.01.007A. Port Blair

ZEV P20

239-240 fm.



the "honeycomb" canals have spines

17-10

Aphrocalliata beatrix Gray.

Bm 1936.03.04.007 Murray Exped. (2.80)

13.I.34 802 m Agassiz net.

Found dry 14.XI.46 F2

3-4 frags like bocagei to me bright lace.

17-11

Aphrocalliata beatrix Gray.

Bm 1936.03.04.011. Murray Exp Sta 54

3-11-33 952 net Agassiz net Note 151 2.78

2 frags look like bocagei

H-17 Contd.

(1) Aphrocallista beatrix Gray 3 frags  
 BM-1936.03.04.010 Murray Exped Stn 54. Like bocagei  
 952 net Asassig net Note 151 3-11-33

Lonsat  
 9000  
 to 1/2  
 white  
 place  
 In 5 mly  
 & boils

pg w  
 site spot  
 the hand  
 not fringed  
 line  
 & stalks

xw  
x1


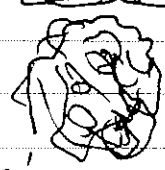
:1

sh. very  
 fine  
 wide  
 side

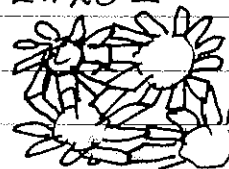
es  
ider


ie

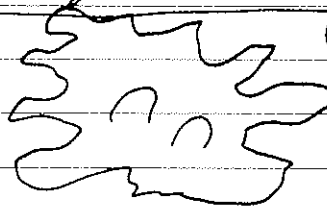
zei

17-10  
 116.5  
 (Frag) Aphrocallista bocagei Wright **TYPE**  
 BM 1869.01.30.001. Cape de Verde Is  
 Prof E.P. Wright Gray No 7a  
 "A. bocagei" remount temp for brand of Hexachelid 30/5/01  
 NMR: - There was No spec of A.b. here when I looked - there  
 instead was a pair of farreid pos -   
 in the box - (Photo?); We searched for  
 the Aph. boc. specimen - Not in dry coll paper  
 but eventually found it on a stored dry board.  
 No photo taken but is SAME as Wright's illustr!  
 What the farreid is is anyone's guess. 

~~START~~ ~~BO~~ ~~SA~~ Contd

17-11  
 116.6  
 (Frag) Aphrocallista bocagei LARGE  
 BM. 1898.12.19.012 Ouwston Coll. AC. 4023  
 Sagami Bay, Japan 1898 150-300 fm  
 washed out Tubes. 

(1) Aphrocallista bocagei Wright Porcupine Exp 184.  
 BM. - 1910.01.01.533 - Norman Coll.  
 1910.01.01.534 - off spam  x1  
 ← Which No is it?  
 ← one of these must be wrong for the eye!

(1) Aphrocallista bocagei  
 BM - 2-17d Duplicate  
 No Data.  white  
 wash  
 out  
 x 1/2

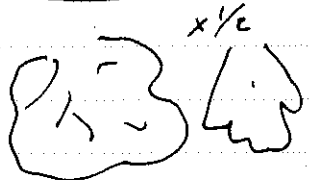
17 June

BRIT Mus Dry.

88

H.17 Cont'd

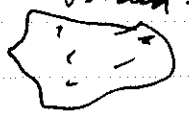
~~88~~ Aphrocallistes bocagei  
BM - 1887.10.20.131 Challenger Stn 56  
1075 fm 29 Mar 1893



2 wash-out pcs - OK.  
(may also be pcs of Avicula?)

Aphrocallistes bocagei Wright.  
BM 1882.07.28.129. Porcupine Exped.  
HAB?

3 misc. pcs - dead & fouled - OK



Aphrocallistes bocagei Wright.  
BM 1887.10.20.132a. Challenger Stn 344.  
one spec Exhibited in July Mus

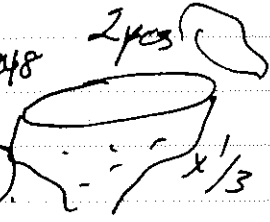
None found in Box

Aphrocallistes bocagei Wright.  
BM. 1872.02.03.020. Norma Exped.  
Portugal S. Kent Coll #12

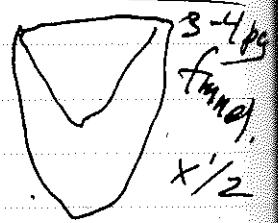
little box of muddy frags

17-12 Aphrocallistes vastus (Schulze).  
BM - 1938.07.04.107 Sea of Okhotsk Stn 248  
Zool Inst Acad Sci Leningrad  
(heavily corticate on gastral side)

max 9.176.6 (EM) 88-6-17.11



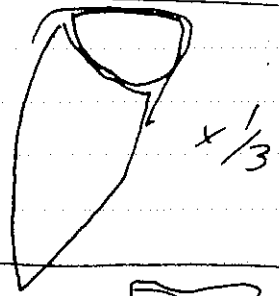
Aphrocallistes whiteavesianus Lambe  
BM - 2.17e Departure Bay, Vancouver Is.  
15-25 fm. Miss Pipell.  
A. vastus whiteavesianum (Lambe) [some frags of Andromeda?]



3-4 pcs found. x 1/2

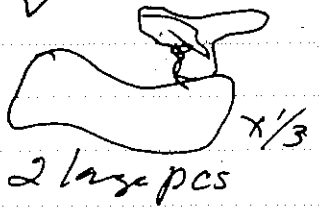
H-17 concluded

17-13 Aphrocallisto yatsui Okada  
(X) Frag BM-1938.07.04.109 Sea of Okhotsk Sta 248  
Zool Inst Acad Sci Leningrad  
88-6-17.12 (A. vastus)



see  
p. 2  
WK

(X) Aphrocallisto yatsui Okada.  
BM-1938.07.04.090. Sea of Okhotsk Sta 247  
Zool Inst Acad Sci Leningrad.  
A. vastus 18-19 Aug 1932



EN BOX H-17

Start Box H-38

xy  
8

(?) Deanea virguttosa Swbk TYPE  
BM-21-17f Boverbank Coll. West Indies?  
from H. Deane Esq. 22.6.1873.  
Status unknown  
appear to be a solid branch - regular network w 3-4 side mesh frame -  
nodes slightly swollen only.

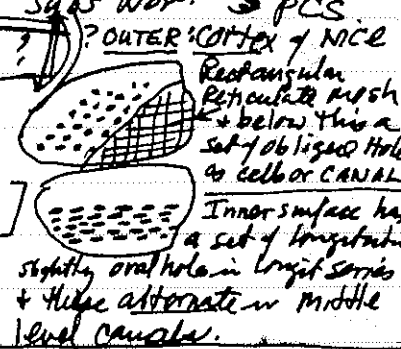
1 frag - cleaned.  
x1 - attach to card.

1/3

3-4 pcs  
frag.

1/2

17-22 Oxyrihizium choanoides ingolfi Reid subsp nov. 5 pcs  
BM-1957.07.11.002. Ingolf Sta 53 TYPE?  
Pres by J. M. Reid. 1957. Nov. 2 7.11.  
Like Aphrocallisto  
[? Is this Chonelaema lamella choanoides?] Is this an M.S. name?  
Status unknown  
MS Name?



(?) Oxyrihizium choanoides ingolfi Reid subsp nov.  
BM-1957.07.11.001. Ingolf Sta 53 TYPE?  
" Chonelaema aff choanoides "  
Is this an M.S. Name?  
[? Is this also Chonelaema lamella choanoides? ]  
Status unknown  
MS Name?

Same as above

17 June

Brit Mus Dry

1988

Box H-38 Contd

17-23

Leptophragma? burtoni Reid sp Nov

TYPE?

BM-1957.07.11.003 Jurgolf Sta 19.  
Pro by D. M. Reid.

~10 plates  
of what appear to  
be same sps as  
above -

Status  
unknown  
MS Name?

To write Reid re this & the Oxyrhizium sps

17-24

Scleroplegma lanterna Schmidt

$\frac{1}{3}$  Holy tube w 2 Big

BM-1939.02.10.022 [Prob Blake]



Morra Light No 6455 1878

Exch. Camb. Univ Mass. Dr Deichmann

Small tubes w 4 mm  
Washed out & found  
Beams very springy - Regular mesh - Everted. later.

17-25

Cystispongia superstes Schmidt

CRUST

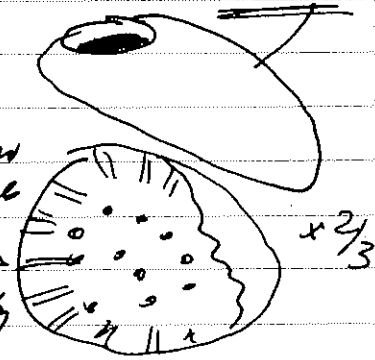
BM 1939.02.10.017 MEXICO No. 6095

Exch Camb. Univ. Mass 112

Agass 1879 Blake <sup>from</sup> Dr Deichmann Yellow

F airily abundant by monaxons passing thru  
mesh - Doubt if prop. microselas  
Present.

ridge  
marginally

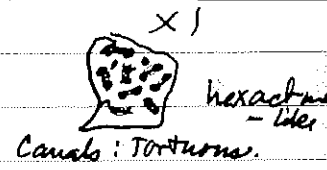


17-26

Volvulina sigsbeeii Schmidt.

BM 1939.02.10.023. Barbados No. 6653

(= Cyrtaulon) Exch Camb. Univ. Mass



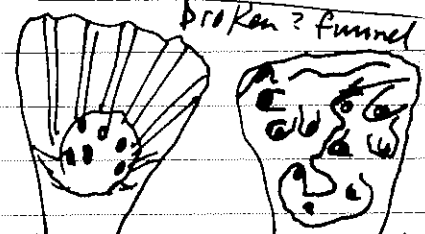
Canada: Tortuosa.

(Cyrtaulon sigsbeeii) Dr Deichmann; 214 Ag 79/80 296 84 125  
84-125 fm.

17-27

Syringidium zitteli Schmidt

BM 1939.02.10.015. [? Prob Blake] Sta. 343  
No. 6595. Loc.?



Internal longitudinal slits  
external  
irreg tubes  
w open tips

Exch Camb. Univ. Mass. Dr Deichmann

Big holes clearly in contact w dermal grid.  
Tubes are Everted - ?

Leproyella  
Jessa Thomson

88-6-17.16

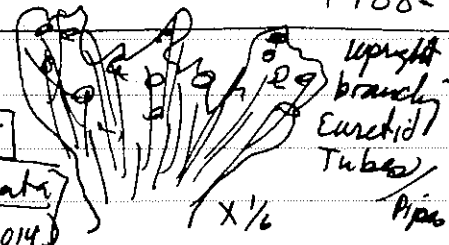


H-38 contd

[17-28] Gymnodyctyum variolosa (Jimai)

BM-1925.11.01.682 Dandy Collector [25]

? Unpublished Ms Name? compare to Hexactinella polystomata [1898.12.19.020 + H. tubulosa 1898.12.19.014]



t

Big hole

4mm x 1.5mm ST

2/3

stuck like

incl tubes tips

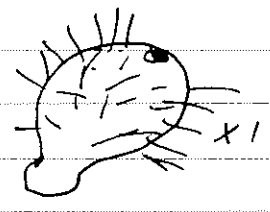
Staurocalyptus dowlingi Lambe

BM-1911.06.01.003. Departure Bay Vancouver Is. 20 fm. Miss Pixell

nicer small

Staurocalyptus heteractinus Ijima

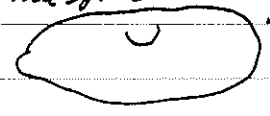
BM-1938.07.04.124. Sea of Okhotsk Sta 248 Zool. Inst Acad Sci Leningrad



Staurocalyptus glaber Ijima

BM-1912.11.09.002 Sagami Bay, Japan (Purchased)

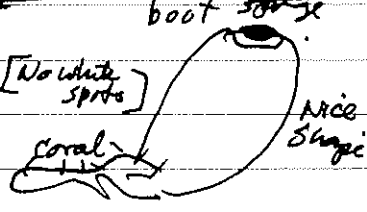
Shape: Pillow - full of white spots



Staurocalyptus glaber. Ijima [TYPE]

BM-1898.12.19.004 Sagami Bay Japan O.C. 4225.

[No white spots]



? size ?

END Box H-38

17  
June  
1988

Brit Mus Dry

Box H-18 Start

① Euplectella aspergillum Owen  
BM-1894.09.19.001. Malacca  
(young) young spec

⊗ Alcyoncellum speciosum Q+G.  
BM-2-17g Bamberbank Coll. wall frag  
BWBK label: Euplectella aspergillum  
(Corbitella speciosa) Alc. speciosum from Dr. Miller  
Q+G. 4.8.75 PZS 1876 (wall frag)

① Euplectella aspergillum Owen  
BM-1887.10.20.012a Challenger Stn 209  
22 Jan 1875  
specimen  
matt  
only

① Euplectella aspergillum Owen  
BM-2-17h Bamberbank Coll. Alcyoncellum aspergillum wall frag  
Dr. Miller P.Z.S. 1876

① Euplectella aspergillum Owen  
BM-1866.12.01.001. Philippines: Capt'n Cavalier  
Small spec Exam'd by W. Thomson -  
Perhaps a new species  
on Exhibit on Index Mus. No Spec!

① Euplectella aspergillum Owen **TYPE**  
BM-1988.06.29.002. Philippines Is.  
1841. T.Z.S. III P203 T13  
Owen's type received with the Comingham Coll.  
Annot it is it!  
Fits figure pretty good!

① Euplectella aspergillum Owen  
BM-1905.12.03.004. Zebu.  
Deformed spec - all bent up  
[damaged?]



H-18 contd

① Euplectella aspergillum Owen  
BM-21-17i Philippines C'ib. 5.  
2 specimens - dry, dirty. 2 spec.

① Euplectella aspergillum Owen 2 spec  
BM-1921.11.30.008 Philippines. Zebu Is. a) branched  
BM-1921.11.30.009 Malform Spia b) swollen  
100 fms. J. Murray Coll. YO

① Euplectella aspergillum Owen 3 pcs -  
BM-1894.10.10.001 Prob: Zebu, Philippin  
BM-1894.10.10.002 Two mounds (hand size) made  
by natives working spiculy on mud center -  
Inform date lost. (2 original mounds)  
1 whole  
2 halves

17-29

17-29  
1177-5  
① Chaunoplectella cavernosa  
BM-1898.12.19.007 Sagami Bay, Japan  
150-300 fms - purchased 1898  
[maybe an Owston spec but No indic!]  
stone

!

(X) Alcyonium speciosum Pill Box  
BM-21-17j 'As it came from the Sea.  
3 small frags  
1 wall  
Orbitella speciosum 22.5.67 Bright of Higgins [BWA's Writing]

inkeep  
it  
+  
Figs  
red!

① Euplectella aspergillum Owen.  
BM-21-17K frags labelled Pl 12  
No further info  
Cleaned Sect  
of Wall in box

① Euplectella aspergillum Owen.  
BM-1888.06.19.001. Philippines 50 fms. No.  
SPEC!  
Pres by Miss Dickinson, Dumford, Midhurst, or Exhibit.

① Chaunoplectella cavernosa Fj.  
BM 1908.09.24.022, Japan. c.300 fms. 3  
Berlin Mus. Exch. small  
frag  
in  
vial.

20 June 88

Box H-3

meg 9:177:6

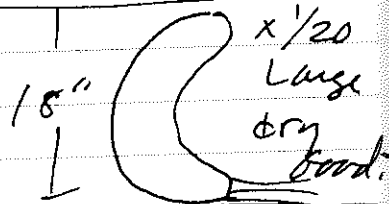
Semperella schulzei

20-1

BM 1898.12.19.025.

[Weather data]

(Semper)



X

Hyalonema reflexum

H

BM - 1896.06.27.002.

Norman Collection

Brit Mus Reg 1900.4.4.

Present of O.E. Janson

H. reflexum Ijima  
Goheba, Boshin, Japan  
9.6.27.12



104

3 bundles of  
CCWS Root  
Spicatus

Note - the spec is NOT H. reflexum  
+ the Reg Nos - 3 of them - all  
conflict!

meg 9:177:6

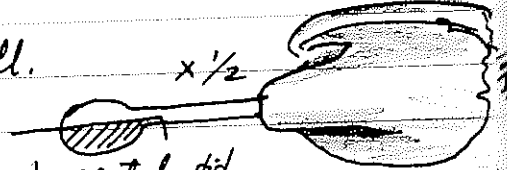
20-2

Sericolophus reflexus (Ijima)

BM - 1925.11.01.685.

Dundy Coll.

Japan



x 1/2

dissected did  
root ball - Not dissect paper ends  
- saw Heavy scaled one.

88-6-20.1

meg 9:177:6

20-3

Hyalonema reflexum

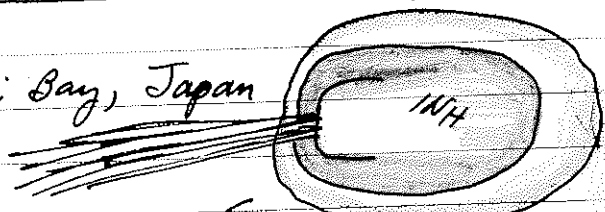
BM - 1898.12.19.015.

Sagami Bay, Japan

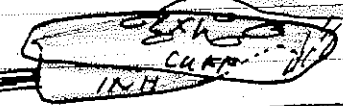
Proctal tufts esp ~ cult.  
but all over surface in

Low abundance - Gorgonias

Sericolophus reflexus (Ijima)



NH



x 1/4

88-6-20.2

meg 9:178:12

20-4

Sericolophus reflexus (Ijima)

BM 1921.11.05.005 (Lougat)

(Ijima)

Insole Coll. - 3 spec - all w nice heads  
& Root balls

Misaki Japan

May 1920, 2000 ft

330 fm.

FRAG

88-6-20.3

20-5

BM 1921.11.05.006

FRAG

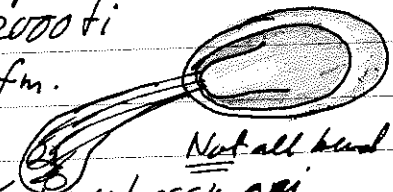
88-6-20.4

20-6

BM 1921.11.05.006A

FRAG

88-6-20.5



Not all head to left

Umano Kutsu hosshu gai

Horse shoe sponge

"Always remains in same place"

20  
June  
88

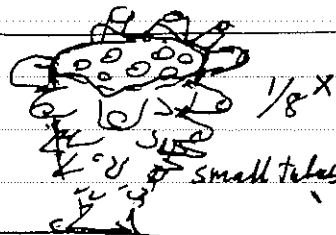
Box H-11

negs  
9.118.3

20-7

Periphragella elisae

BM-1898.12.19.023. Sagami Bay Japan

[? Maybe Ouston?] Purchased 1898  
H.M.R.

88-6-20.6

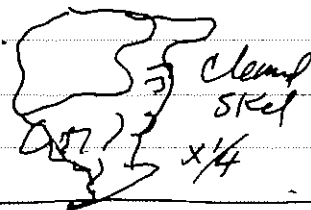
neg  
9.118.3

20-8

Periphragella elisae Marshall

BM-1951.12.18.001. Presented by Miss J.G. Thomas

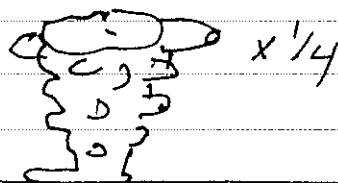
[Loc?] Royal Holloway College

clean  
skel  
x/4neg  
9.118.3

20-9

Periphragella elisae Marshall

BM-1921.11.05.010. Misaki, Japan 330 fm

(same BM No ↓) No.7. Ice Sponges  
Alan Insole May 1921.

x/4

88-6-20.7

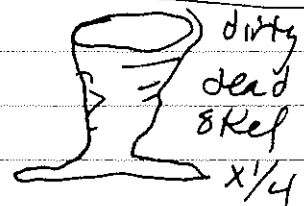
Periphragella elisae Marshall

BM 1921.11.05.010A Misaki Japan 330 fm

(same BM No ↑) No.7. Ice Sponges  
'so call this one A' Alan Insole May 1921Similar  
to above  
x/4Periphragella elisae Marshall

BM-1885.12.31.011. Enoshima, Japan

Dr. Andersen F.R.S. (w wood stand)

dirty  
dead  
skel  
x/4neg  
9.118.4

20-10

Myliusia callocyathus Gray **TYPE**

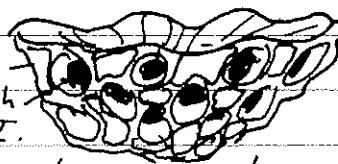
BM-1988.06.27.001. West Indies ? inh. exh.

Gray No. 5a Sponges 391; Fig PZS 1859 p 438 pl XVI.

Uncertain which side is inhalant &amp; which exhalant. No dermis!

Strange division of outer cells - inner "vestibule" is open through  
outer large holes - Small inner holes do not penetrate wall completely.

Fine canal holes in "both faces" surface.



x/3

neg  
9.118.4

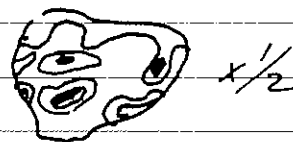
20-11

Myliusia callocyathus var

BM-1843.02.13.067. West Indies,

Mr Scribner

This Reg No is not found in Moore's Register!



x/2



20

Brit Mus Dries

June 1988

Box H-11 cont'd

20-11

Myliusia callocyathus Gray

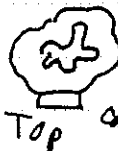
Small clean skeleton

BM - 1887.10.20.150. Challenger Sta 24

[There is No Way this is Myliusia - or at

least not <sup>H</sup>callocyathus; Has a regular

polyhedral  $\Delta$  mesh - struts are indistinct or absent!



Like little tubes

TOP and side Tubes

may 9:178:4

○

Myliusia callocyathus Gray

BM - 1886.06.14.003. Barbados

Spec for Exhib.?

Purch of Mr Belgrene

No Spec Only Stand!

20-12

Lefroyella decora W. Thomson

TYPE

20-12

BM 1887.10.20.127 (large)

1887.10.20.127A (smaller)

Challenger: Sta 56 Bermuda.

4 Apr 1873. 435 fm

Inside longitud: grooves;

Outside: holes

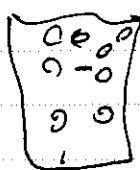
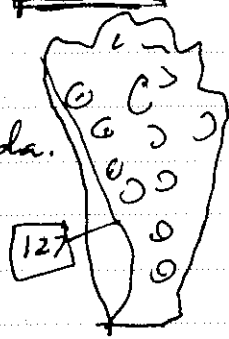
Very dense outer surface + basal part.

but delicate, 3-D scaffold.

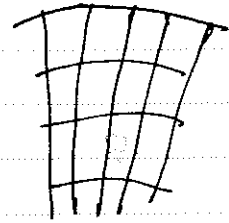
on muscle + w growth fronts

[Reid would go Nuts! since these

are in longit rows w parallel connectives.



x 1/2



may 9:178:4

END Box H-11.

Box H-12 start

(.) Chonelasma calyx F.E. Schultze  
BM-1894.07.06.006. Purchased of Gerrard



(.) Chonelasma calyx F.E. Schultze var.  
BM-1925.11.01.978. Dandy Coll.  
Vancouver, probably admi



Cup w  
Tubes

Looks OK

(.) Chonelasma calyx F.E. Schultze  
BM-1882.10.11.022. Odawarra Bay, Japan.  
Purch by Prof. Soles by the sea m.  
Purch by Gerrard

4 small frags  
~ 2" clean  
ID prob OK but  
Not possible to be  
100% sure.

(.) Chonelasma hamatum  
BM-1887.10.20.136a Challenger Sta 170a  
630F

3 tiny frags  
in a jar

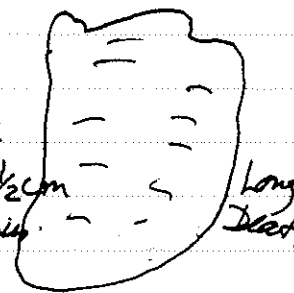
178:5 20-13 Chonelasma doederleini Schultze

(X) (Frag) BM-1925.11.01.681. Dandy Coll.

Loc? Tretochone doederleini = Chonelasma

Ptychodesia  
doederleini

A large plate 16x8 1/2 cm  
on side ridged; one side w hole + a fangrow.

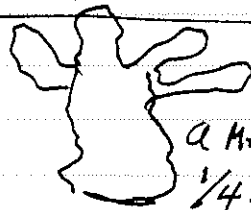


Long  
Dead!

178:5 20-14 Chonelasma doederleini Schultze

(X) (Frag) BM-1938.07.04.143. Sea of Okhotsk

Ptychodesia Stn 252 Zool Inst Acad Sci Leningrad  
doederleini



a mess  
1/4x

(X) Chonelasma doederleini Schultze  
BM 1938.07.04.144. Sea of Okhotsk. Stn 254

Ptychodesia  
doederleini

Zool Inst Acad Sci Leningrad



Frag  
~ 2" diam

20  
June  
1988

Brit Mus Dry

Box H-12 cont'd

(X)

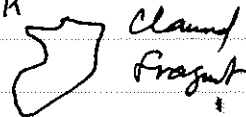
Chonelasma lamella Schultze Cotype

BM. 1910.10.28.045.

var. choanoides Sch + Kirk

Leptophragmella  
choanoides

Gauss Stn 30.iii.03 3397m; Part 1 Spec 77A<sup>(1)</sup>



Clamped  
Fragment

(X)

Chonelasma lamella Schultze Cotype

BM-1910.10.28.046

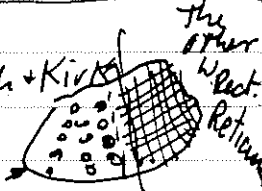
var. choanoides Sch + Kirk

Leptophragmella  
choanoides

Gauss Stn 1.iii.03 2450m; Spec 72

very like the Reid spec labelled Oxyrhizium

Flat sheet:  
no side w  
Holes



The other  
Wet.  
Reid

20-15

Chonelasma lamella Schultze Cotype

BM 1910.10.28.048.

var choanoides Sch + Kirk

9.178.5

Gauss Stn 30.iii.03; 3397m Spec 77

(Leptophragmella choanoides)

similar  
to  
above



X

END BOX H-12

X

Start Box H-10

(1)

Sarostegia oculata Topsent

BM-1925.11.01.684 Dundy Coll.

Saya de Malha C21 450f.

A few branches  
OK - Live

(1)

Sarostegia oculata 1

BM-1925.11.01.138 b. Dundy Coll / Gardner Coll

Saya de Malha Jnr III Duplic 8.9.05

C21 length 450 (?)

~ 10 branches  
dried from  
wet spec  
originally

(X)

Eurete annandalei Kirkp. Cotype

BM-1907.08.09.001 - Large spec in the <sup>1908</sup> fig'd Red Ind Mus

BM-1907.08.09.002 - Small spec

Both from Stn 321 Indian Oc. 5°4'8 1/2" N

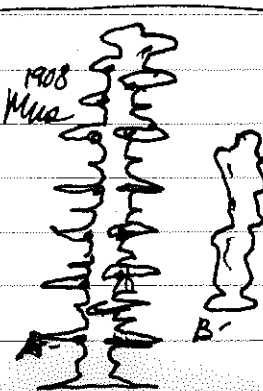
80°22' E

Investigator Exp

off Dorden Head, Ceylon 660 fm.

Ind Mus No 2145/7 Z.E.V. Pres Ind Mus

Plausichorium  
annandalei



B'

Brit Mus Dry:

20  
June  
1988

Box H-10 contd

(X)

*Claviscapella  
intermedia*

Farrea facunda Schmitt.

BM 1939.02.10.011. Barbados #6206  
237 fm. Exch Camb. Univ Mess

Some  
small  
frags.

(1)

Farrea fistulata Bowerbank

BM-21-20a West Indies; Bowerbank Coll.  
from Mr Deane 22.6.73. ? = Farrea occa?

Small frag  
on cardboard.

(X)

Farrea infundibuliformis Carter

**TYPE**

Small box w

BM-1873.04.26.004. [Loc.?] Pres by Gassioti Esq.

Spec figd AMNH XII pl XVIII fig 1 - ? Type of *F. gassioti* BK

*Farrea  
gassioti*  
BK

[This does not meet my idea of Farrea - No quadrate grill at all - has heavy beams or "strands" that run "oblique" & are these then 2nd or 1<sup>o</sup> structures? Also other? young hexact growing on outer surface. To mix it even more: ? : an Autocalycid?



(X)

Farrea infundibuliformis Carter

BM-1879.01.28.001.

Caribbean Sea

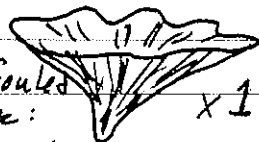
*Farrea  
gassioti*  
BK

= Farrea gassioti BK

note incl (not copied)

Spec long dead + fouled  
but like above spec:

? Autocalycid?



Note Not

(1)

Farrea kurilensis Okada

BM-1938.07.04.119. Sea of Okhotsk. Stn 248

Zool Inst Acad Sci Leningd.

88-6-22.5

(seems thick for Farrea) Frag of tubes



(1)

Farrea laevis Bowerbank.

BM-21-20b

West Indies, Bowerbank Coll.

23.9.73 NORMA dredged; from Mr. H. Lee found by him in

the sand. This is F. occa of Kent: Mic Soc Trans 1876?

x1  
Frag on  
a board.

(1)

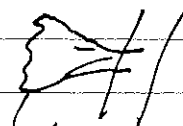
Farrea occa Owen (on slide)

BM-1910.01.01.533. NORMAN Coll.

[Carter's Label:]: Porcupine 13 Exped.

"Showing mode of attachment on coral Lophohelia"

spg base on a coral



20

June

1958

Bx H-10 contd

# Brit Mus Dry

① Farrea occa Bowerbank

BM-1885.12.31.010 ←

BM-1885.12.31.012 ←

Island of Enderbura, Jerm  
Proc by Dr. Anderson FRS

A mass of  
large - Mealy  
Farrea - 2D

Can't tell which is which.

Nothing to ID  
Which is BM  
No ... 10 or ?  
... 12

① Farrea occa Bowerbank

BM 1887.10.20.110A

St Thomas, W.I.

4 frags

Challenges Sta 24 390 fm.

① Farrea sp. [? Farrea occa Bowerbank]

BM 1894.10.10.003

Norna : off Cozimbra Portugal

500 fm Nov 1870 - coll: S. Kent

det [ID] S. Kent

1 frag



① Farrea pocillum Bowerbank

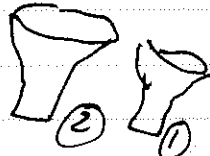
BM-2-20C

West Indies

From Mr. Deane to J.S. Bowerbank 22.6.73

PZS 1876

**TYPE**



[Spec ① has spiracles all over it - hard to see anything]

② is like infusibulum earlier encountered - autocalycid-like w/ legs

⊗ Eurete simplicis

BM-2-20d Hab?

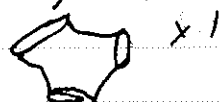
Small bill box is

1 frag in it.

Eurete simplicissima Sengler

Bowerbank Coll.

Dr Miller 10.6.76



END Box H-10

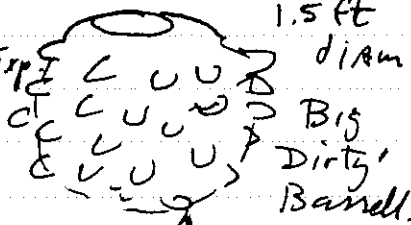


Word  
Box: ~~Box~~ "Rossella"

(X)

Aulorossella lewis Kirkp.

BM-1908.02.05.021. Discovery Antarctic Exp  
Dredged near ship at Winter Quarters  
10 fm.



R. munda

(X)

Rossella longstaffi Kirkp.

BM 1926.10.26.254.

off Granite Harbour, Entrance of McMurdo Sd similar  
S. Victoria Land, Antarctic.  
50 fm. 22 JAN 1913

R. munda

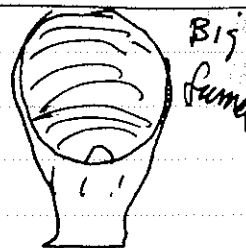
~~END Bx "Rossella"~~

~~Stat Bx Hexactinella Loricata~~ Blade over size

20-16

Hexactinella Loricata

BM-21-20e Japan 150-300 fms  
Ex. B. M. Exhib 1970's



Statho unceratan

~~END Bx Hexactinella Loricata~~

~~Stat Bx Chonelaama Calyx~~

20-17

Chonelaama Calyx

BM-21-20f Japan 150-300 fm.



Big funnel w flutules

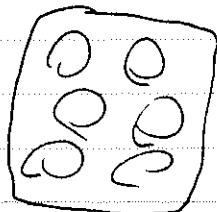
~~Stat Bx Poliopogon gigas~~

20-18

Poliopogon gigas F.E. Schulze

TYPE

BM 1887.10.20.107. Kermadec Is  
Challenger - 600 fm  
Fossil - color Purple



Phoronema gigas (Schulze)

about 1/2 cut ft  
of "straw" Poliopogon

20  
June  
1988

Brit Mus Oversize Dry:

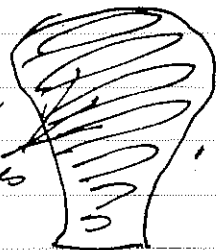
Start Box !! Aphrocallista vastus

[20-19] Aphrocallista vastus

BM-2-20g

Japan 150-300fm

white "funnel"  
w flat lamellar pouches



X Start Large Box - [No Label]

[20-20] Hexactinella ventilabrum

BM 1898.12.19.021

Sagami Bay, Japan

150-300fm

Push 1898

Large leafy spec



[88-6-20.10]

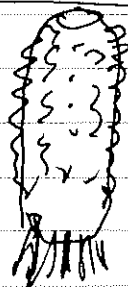
HWR: sounds like  
OWSTM again

[20-21] Rossella Nuda

BM-1928.02.15.349

Discovery Exp. 1926-7  
Stn-?

R.N. CLIX



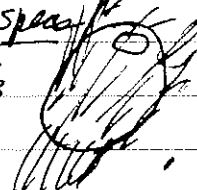
Big  
Bottle  
boot.

END Big Boxes

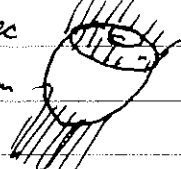
- To Begin Sequence of  
Boxes Left:

Box H-1

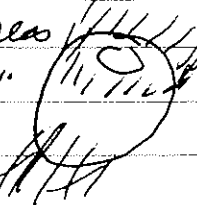
○ Pheronema carpenteri  
BM-21-20h Loc? - source?  
Charles Davison, 23 Park Place  
East Sunderland - Duplicates.

4 spec  
x 1/3 

○ Pheronema carpenteri Thomson  
BM 1882.07.28.131. Porcupine Coll.  
Hab.?

1 spec  
~2" diam 

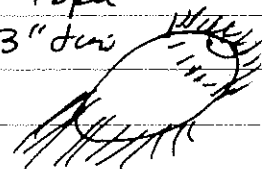
mag 181:6 24-15 Pheronema carpenteri Thomson  
Frag BM-1870.12.22.001. Porcupine  
#90 1870 #3.

3 spec  
~3-4" diam 

88-6-20.11

Removed from Exhib 1947.


○ Pheronema carpenteri Thomson.  
BM-1870.12.22.001. Porcupine 300 fm.  
off Portugal 300-800 fm.  
6 others on Exhibit

1 spec  
3" diam 


○ Pheronema carpenteri Gray  
BM-1921.11.30.002. Sir J. Murray Collectin  
[Pblyophus sp from Japanese Sea 500-1000 fm]

2 spec  
3-4" diam

○ Pheronema carpenteri Thomson  
BM-21-20i Porcupine 1869  
west of Butt of Lewis.

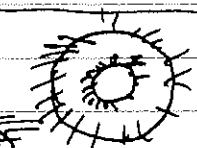
1 spec 

mag 181:6 24-17 Pheronema grayi Kent  
Frag BM-21-20j off W of Ireland.  
C.W. Iansholt 1906

1 spec - Squatt  
Almost no basal tuft 

88-6-20.12

mag 181:6 24-16 Pheronema grayi  
Frag BM-21-20K Portugal.  
Removed from Exhib stat Feb 18, 1947

Prostad ring points down   
almost NO basal tuft

88-6-20.13

20  
June  
1988

Brit Mus Drys

Box **H-1** contd

**20-22** Pheronema hemisphaericum Gray

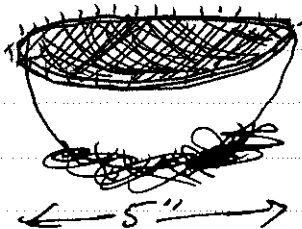
1 spec

ms  
9.179:2

BM-1921.11.30.001. Sir John Murray Collector  
Bird's-nest sponge  
Japan Sea 500-1000 fm.

open  
brd.

Nice



**20-23** Pheronema hemisphaericum Gray

**TYPE**

← **?!?**

← 2" →

ms  
9.179:2

BM-1894.10.05.003 = Labaria hemisphaericum

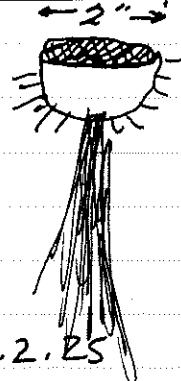
Philippine Is. 1873: 235

Fully described by Carter 1873: 275; Gray 1873 AMNH  
Pres. by Dr. A. B. Meyer

Loc - "Reefs in the Sea" near village of Talisee  
Cebu, Philippines; Singapore/Meyer 1873.2.25

long note  
included

Note: This specimen has been fraudulently altered by  
addition of brush-like basal tuft byistle which belong to  
another sponge available locally .... etc ...

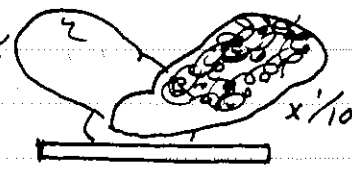


**END H-1**  
**START H-2**

Poliopogon amadou Thomson

BM-1887.10.20.105 (para) Challenger Exped  
S.W. of Canary Is. 1525 fm.

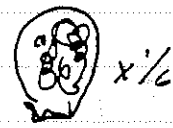
wooly  
dark



Poliopogon amadou Thomson.

BM-1887.10.20.105 (para) Challenger Stn 3.  
300 mi E. of Cape Bajador  
3/18/1873

in plastic box



Poliopogon amadou Thomson

BM-1887.10.20.105 (para) Challenger Stn #3  
1530 fm. 300 mi E. of Cape Bajador 18 Feb 1873

10 pcs  
wooly, dark  
1-20 cm

BM 1895.1.24.2 a 2nd Ref No inside box - this does Not exist in Spgs Register

Brit Mus Dry.

20-28 June 1988

Box H-2

(X)

Poliopogon gigas Schulze.  
BM-21-20b Challenge

Low box of dark frags; wool.

Phoronema gigas

RN. 17/vi/26; Frags of 17/vi/26 -  
[I presume these are part of the BIGONE]



END BOX H-2

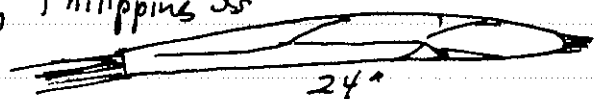
START H-4

22-1

Semperella schultzei

meq 1:179:2

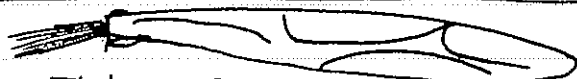
BM-1872.10.14.003. Zebu, Philippines Is  
A. B. Meyer.



Semperella schultzei

BM-1872.10.14.002. Zebu, Philippine Is.

Dr. A. B. Meyer. Meyarina claviformis Gray  
A. B. Meyer



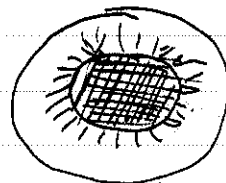
Spec ant. 1/2 ~ 18" long  
I saws common here.

Phoronema globosum Schulze 1886

BM-21-20a (I.D. needs verification).

-22a [prob Challenge] Sta 192a Little Ki Is.

129 fm. 5° 49' 15" S 132° 14' 15" E



Warning - No positive evidence exists that a challenge spec

blue mud.

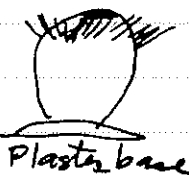
50 diam - in plastic box.

Remnd for Exhib 1977 & casual to be a challenge spec

Phoronema (Holttenia) carpenteri

BM-1870.12.22.001. Porcupine Exped 1869

300-1600 fm. was on exhibit (general displ.)



Plaster base

Phoronema (Holttenia) carpenteri

BM-U-22b Spec for general display was on exhibit



In same Box  
why not same No?

task.



29  
June  
88

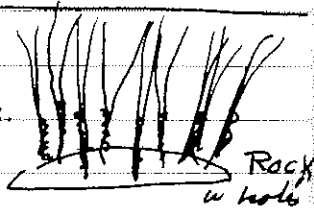
Brit. Mus. Dry

H-5 start

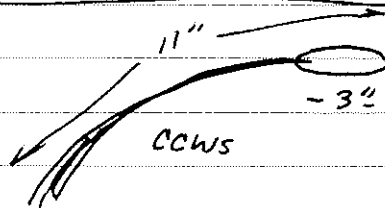
① Hyalonema sieboldii  
BM-21-22c [No info!]

[displayed as if interpreted as gorgonian axes: →

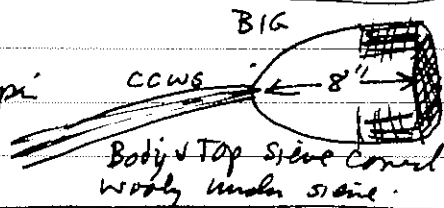
13 tufts  
all CCWS.



① Hyalonema sieboldii Gray  
BM-1885.12.31.019. Enoshima, Japan  
Pres. Dr. Anderson, F.R.S.



① Hyalonema sieboldii  
BM-1885.12.30.016. Enoshima Japn  
Dr. J. Anderson F.R.S.



① Hyalonema sieboldii  
BM-1882.10.11.005. Odawata Bay, Japan.  
Pres. E. Gerrard Junior.

→ No Spec!  
"Spec on Exhibit in  
Index Mus"

① Hyalonema sieboldii Gray  
BM 1885.12.31.014. ~~Rocky~~ Japan  
Pres Dr. Anderson  
rest of spec on Exhibit Index Mus



4x5 cm frag

X Spongia spinicorax Brandt ENOSHIMA, Japan  
BM-1868.10.02.001. S. octanicyra Brandt.

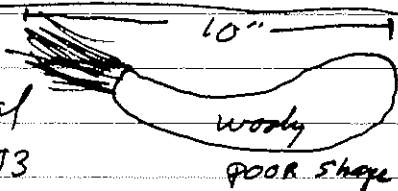
Hyalonema sieboldii

= Carteria sp. Gray.

= Hyalonema sieboldii Gray [15a] [247]

frag in a pill box.

① Platylistrum platessa Schulze  
BM-1926.09.03.095. Deep Waters of Netal  
[361] RN 603



X END H.5

H-6 Start

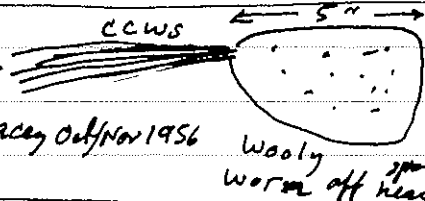
1

Hyalonema sieboldi

BM-21-22d Japan. Ex. G.B. Sowerby III

Purch fm grandaunt; M.S. Lacey Oct/Nov 1956

w epizootic Epizoanthus Stellerii



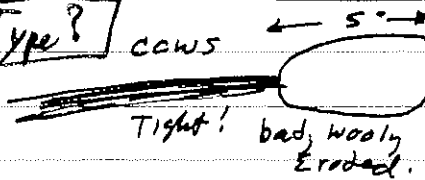
1

Hyalonema sieboldi Gray

BM-1988.06.29.001. Japan, 1835

Pres. by J. Reeve, Esq.  
? This could be the type?

HMR spec only → [? Type?]



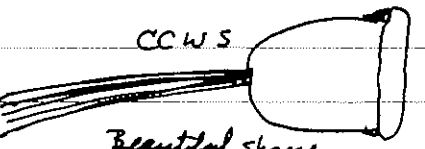
22-2

Hyalonema sieboldi Gray #5

BM-1921.11.05.001. Misaki, Japan

May, 1921 (2000 ft) 330 fm.

"Budda Priests Dwata"; Alive until old in the same house...



from Shrimp.

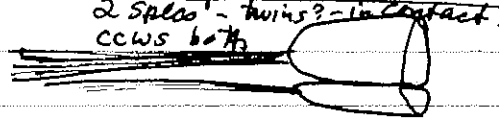
2 Spines - twigs? - in contact, CCWS both

22-3

Hyalonema sieboldi

BM-1895.04.09.002. Boshu, Japan

Ex. BM. Exhib 1970's

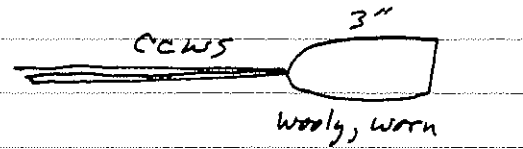


~~END H-6~~  
~~Start H 7~~

1

Hyalonema sieboldi Gray

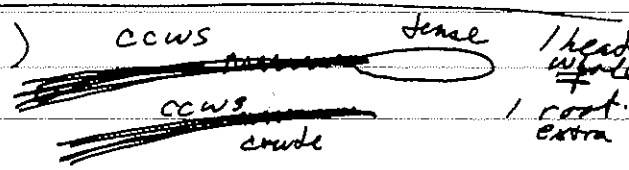
BM-1868.06.20.001 Japan



1

Hyalonema sieboldi (Gray)

BM-1876.07.22.001.



1

Hyalonema sieboldi Gray

BM-1868-09.30.001 Japan

BM-1868.09.30.002

BM-1868.09.30.003

BM-1868.09.30.004

BM-1868.09.30.005

7 roots  
all CCWS  
No Heads.  
Labels on 4 of them  
"2" "3" .. but mostly not.

22

Brit Mus Dry

June 1988

Bx H-7 contd

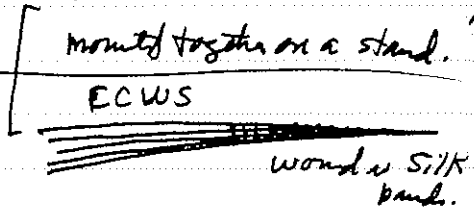
○ Hyalonema sieboldii Gray  
BM-1868.09.30.007

"More or less artificially manipulated by the Japanese"



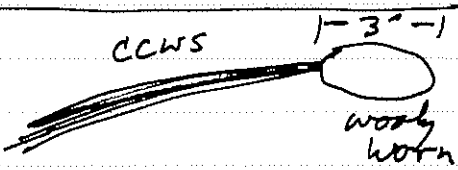
○ Hyalonema sieboldii Gray

BM-~~1894~~ 1894.09.29.002. >?  
BM - 1894.09.30.002.

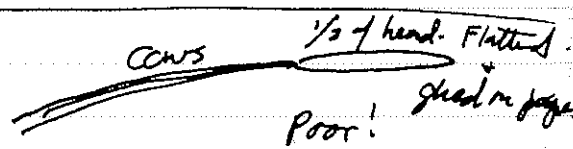


~~X~~ END H-7  
~~X~~ H-8 start

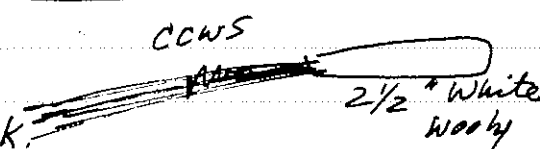
○ Hyalonema sieboldii Gray  
BM-1883.08.29.001. Enoshima Japan  
Pres by F. J. Buse



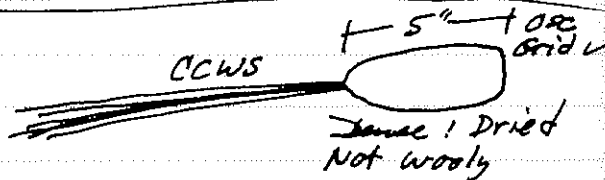
○ Hyalonema sieboldii Gray  
BM-1868.06.20.001.



○ Hyalonema sieboldii Gray  
BM-1883.11.09.001. Loc?  
Pres. Sir J. Lubbock.



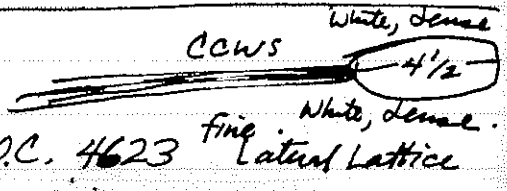
22-4 Hyalonema sieboldii Gray.  
BM-21122e Enoshima Japan  
*(Museum stamp: May 9. 1988)*



~~X~~ END H-8  
~~X~~ Start H9

22-5 Hyalonema clathratum Ijima  
BM-1900.09.07.002. Japan  
*(Museum stamp: May 9. 1988)*

(H. owstoni (Ij)) Pres. Alan Owston O.C. 4623



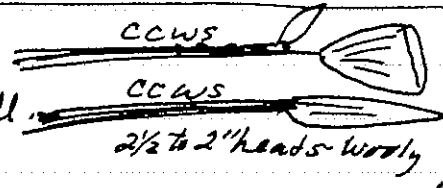
Box H-9

119.5 22-6

Hyalonema mirabile Gray.

BM 1877.05.21.010. Bowerbank Coll.

(status uncertain) Spec figd. PZS 1867 plate IV



~~Hyalonema mirabile~~

(X) Stylocalyx (Hyalonema) thomsoni Marshall.

Hyalonema BM-2-22f 49° 51' N 10° 12' W

Porcupine Exp.; Sta 34 2nd Cruise

75 fm. 20-vii-69

IX No proper small head.

119.5 22-7

Stylocalyx apertus

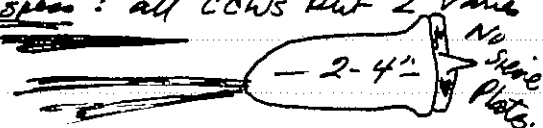
BM-2-22g Boshu, Japan.

Purchased 1897 (16.10.1947)

Hyalonema

apertum Schulze Remount for Exhibit 1947; No type found. Woolly inside; Surface retic worn on most

3 spec: all CCWS but 2 var. No size Plots.



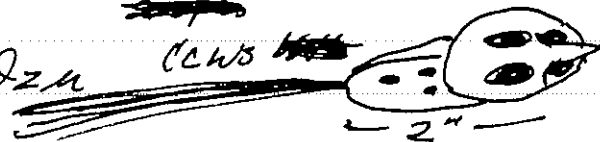
119.5 22-8

Hyalonema apertum var.

BM. 1900.09.07.001. Japan Izu

Pres. A. Owston.

CCWS



(O) Hyalonema apertum Schulze

BM 1937.07.01.001.

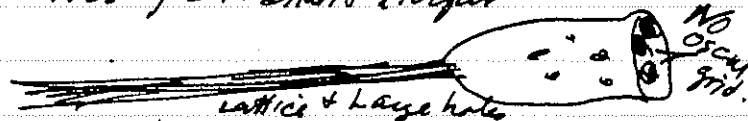
Pres by Dr. David Hooper

See Correspond. 1937

25 spec

CCWS both

3" head



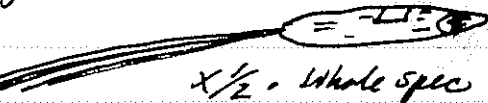
Hyalonema lusitanicum Procege BM 1881

BM-1882.07.28.134. Coast of Portugal

Porcupine 1869

Porcupine 1870

x 1/2. Whole spec



END H-9

22  
June  
1988

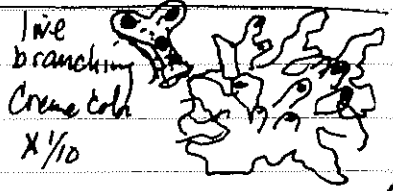
Brit Mus Dry.

Start Box **H-14**

no. 22-9  
8-179-5 Frag

Hexactinella tubulosa

B.M. - 1898. 12. 19. 014. Sagami Bay, Japan  
OC 142

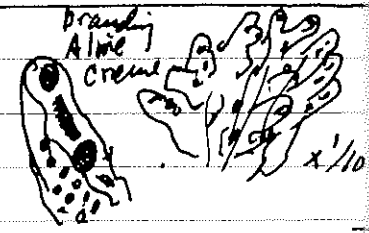


88-6-22.1

no. 22-10  
8-179-5 Frag

Hexactinella polystomata

B.M. - 1898. 12. 19. 020. Sagami Bay, Japan  
Punch 1898 150-300 fath. OC 141



88-6-22.2

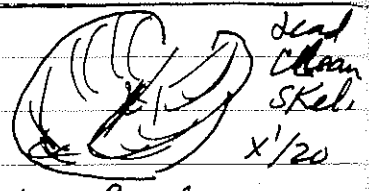
[V. similar to Gymnodietyum variolosum 1925. 11. 01. 682]

Some indicators that the smaller holes on the sides are membrane-covered -  
the terminal slits on branch-edges may be covered or open - ? ... ?

no. 22-11  
8-179-5 Frag

Hexactinella lorica

B.M. - 1898. 12. 19. 008 Sagami Bay, Japan.  
Punch 1898 150-300 fath.

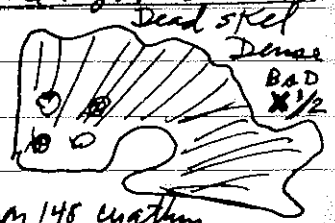


88-6-22.3

[? prob o.c. source but No tag - to see Registration.]

Hexactinella cyathus F.E. Schultze

B.M. - 1887. 10. 20. 144. Challenger Coll Sta 148a



[B.M. - 1887. 10. 24. 005.] ? only an MS. name?

Prob 2 diff spec here: vial ~~with label~~ Tretodictyum 148 cyathus  
Doesn't look like main spec! also label:

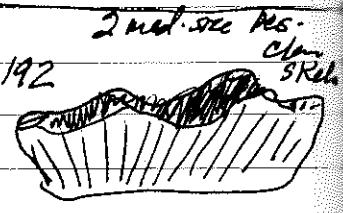
? Probably indeterminate Dactylocalyx 3 Jan 1874. Sta 148 550 fath.

no. 22-12  
8-180-1

Hexactinella lata

B.M. - 1887. 10. 20 144.

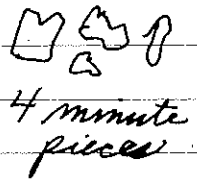
F.E. Schultze.  
Challenger Sta 192  
129 fath.



88-6-22.4

Hexactinella lorica Ijima

B.M. - 1908. 09. 24. 040. Japan



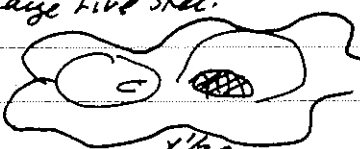
Status unknown

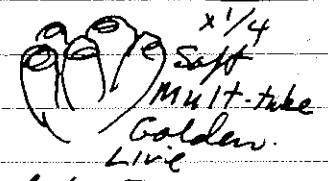
Berlin Mus. Exch.

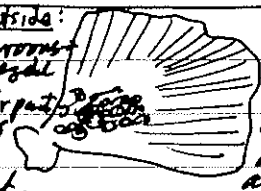
88-6-22.5 in sequence is out of sequence - see 11 pages back ← Favosia kurilensis

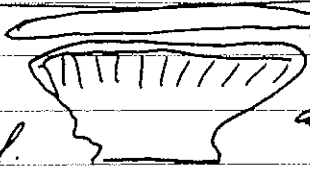


H-15 Start

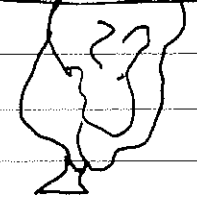
22-13 Hexactinella ventilabrum Carter Large live skel.  
 BM-1895.12.19.022A Japan, Sagami Bay   
 Purch. A. Ouwston...  
 [88-6-22.6] [Dead area below - contact w Sympagella - Killed H. Ventilabrum?]

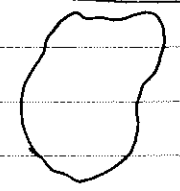
22-13 Sympagella anomala Jjima x1/4  
 BM-1898.12.19.022. Japan, Sagami Bay   
 Purch. A. Ouwston  
 [attached to H. ventilabrum above + possibly killing part of it]

22-7 Hexactinella ventilabrum Carter Dead skel  
 BM-1925.11.01.889. Stony Coll. Japan   
 Purch. A. Ouwston  
 Tie label - 50  
 Outside: fine grooves at edge, other parts...  
 Inside: fine grooves + deep: holes of vascular(?) netting  
 any obvious scars

22-14 Hexactinella ventilabrum Carter Flatter funnel.  
 BM-1894.07.06.009. Japan   
 Purch. Gerrard. as above

END H-15  
Start H-16

22-8 Hexactinella ventilabrum Carter Large alive  
 BM-1885.12.31.013 Enoshima, Japan   
 (was on display) 14" tall  
 w broken bits

22-15 Hexactinella ventilabrum Carter huge!  
 BM-~~1885.12.31.013~~ Misaki Japan 330m   
 #3 Inverte Coll. May 1920 2000ft. Thick  
 [88-6-22.9] 1921.11.05.008 boiled Sugar Sponge  
 End of Box H-16

29  
June  
88

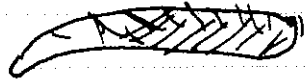
Brit Mus Dry

Box H-19 start

Euplectella aspergillum

BM-2-22h Philippines 30-100 fm  
B.M. Echub 1970's

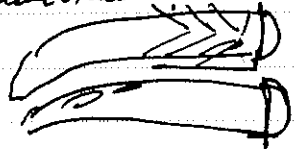
Cleaned  
3 Spec on a rack



Euplectella aspergillum

BM-1920.08.01.001 Zebu Philippines  
Pres by Besant Esq.

2 clean skel:



BM-1921.11.30.010. Ford by 7/3/29 by W.S.

E. aspergillum w crustacea. Sir J. Murray Coll.

+ inner small part  
Label 22 Jan 1875  
as. 3 pcs  
W. TISSOT

88-6-22.10

Euplectella aspergillum Owen

BM-2-22i Philippines. Donated Miss R. Rawlin  
(2nd spec donated to Reading Univ Pale Dept 1893)

Clean white skel.

END BOX H-19

Start Box H-20

Euplectella aspergillum Owen

BM-1905.12.03.005. Zebu Philippines

Cleaned skel  
Big sponges  
same plate

Euplectella aspergillum

BM-2-22j Philippine Is.  
old collection - removed from Sec 1947

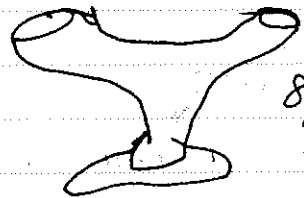
3 clean spec  
(but grey)  
w various stages.

22-16

Euplectella aspergillum Owen

BM-1902.07.28.001. Loc. Prob. Philippines  
abnormal bifurcate thin spec  
Purchased Somerby

on stand



8" tall



22-17

180:3

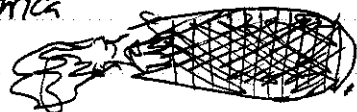
new No.

Euplectella cucumer.

BM - 1988.06.29.003. Comoro Is. E. Africa

Pres. Dr. A. Fauré

8"



22-18

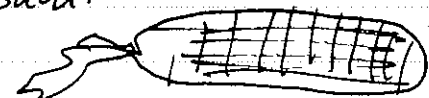
180:3

Euplectella owenii Herklotts & Marshall.

BM - 1893.03.16.001. m Exhibit

N. Coast of Yamaguchi, Japan.

Pres Mr. Ringer



Euplectella owenii Herkl. & Marshall.

BM - 1893.12.21.003. (lost for < spec offered for purchase)

Sagami Bay, Japan

? 400 fm.

Pull box w < little just!

?

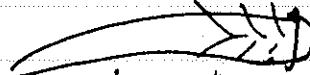
Euplectella speciosa

BM. 1935.07.09.001. Philippines

Pres Lady Murphy

or Regardie: "The work of a marine insect somewhat like a large silkworm found only in 30 fm of water in some of Philipp Sea"

Looks like good aspergillum



Low ridge -

~~END Box H-20~~

Start Box H-21

23 June

23-1

180:4

Euplectella imperialis Ijima

BM 1896.06.27.001. Gokabay Japan

Purch of O.E. Janson. dredge Carl Bock

[Small Box: "box w "buds" or young frags from the well"]



24"

1 complete spec in tissue!

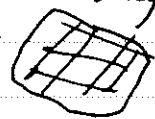
Euplectella aspergillum Owen

BM - 1882.07.28.130. Dead fragment #10

Euplectella subarea Thomson or Lophochelia pritchers

Loc? Porcupine Glt [Label Totted - 2 on name]

part of side plate only



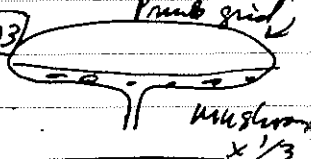
~~END BX H-21~~

23  
June  
85

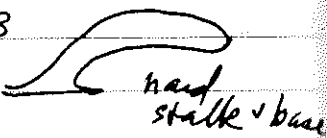
Brit Mus Roy

Box **H-22** Start

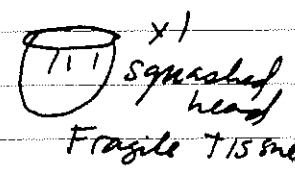
○ *Calycosilva cantharellus* Lendenf. var. *helix* out: fine serrul  
 BM - 1939.02.10.021. ? <sup>Vessel?</sup> <sub>Cruise?</sub> Stat. 4651 # 8103  
 Exch. Cambr. Univ. Mass.



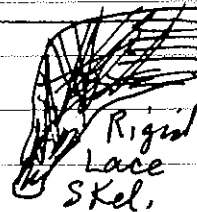
○ *Canthophaus antarcticus* S+K **CoTYPE** x1  
 BM. - 1910.10.28.003, ~~Green~~ Stn I/III/03  
 Spec 71 (73) 2450m



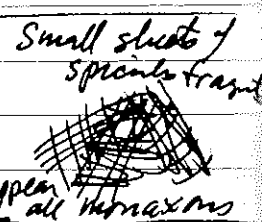
○ *Canthophaus arcticus* Schulze.  
 BM - 1910.01.01.893 Norman Coll.  
 Norway 1882 Stn 65



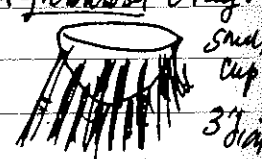
○ *Dictyocalyx gracilis*  
 BM - 1887.10.20.030, Challenger, Stn 281  
 2385 fm. 6 Oct 1875



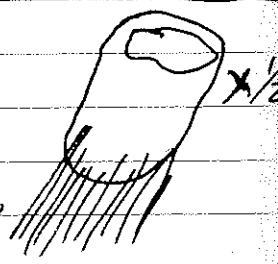
○ *Hertwigia falcifera* Schmitt **TYPE**  
 BM - 1910.01.01.477, Dominica 611m.  
 Norman Coll., E. Topsent.  
 Part of Type; Isle Dominique L'Hirondelle 1888.



23-2 *Lophocalyx philippinensis* Gray **TYPE** 2 spec m 5 x h. h. h.  
 BM - 1875.06.25.001. *Russella philippinensis* Gray  
 Zebu, Philippines. See Annals 1875 Vol 16; was *Petalis globulosa* Gray.  
 Purch by Dr. Meyer; Annals 1873 Singapore Meyer ← Not so!  
 Philippines in Annals 1874

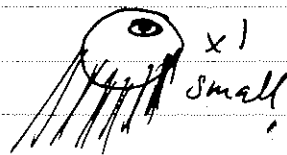


○ *Lophocalyx philippinensis* Gray  
 BM. 1877.05.21.011. Bomerbank All.  
 Cebu, Dr Meyer,  
 Also called: *Russella philippinensis* + *Petalis globosa*



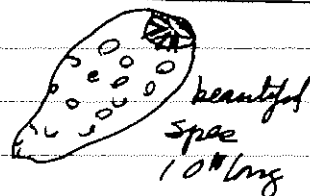
Box H.22 Contd.

① Lophocalyx philippineus Gray  
 BM - 1877.05.21.012. New Guinea  
 Isle Queleleuiks Bay.  
 Dr A. Meyer 1873 AKA: Psetalia globulosa.

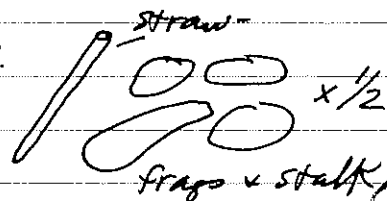


1110.4  
23-3  
FRM  
88-6-23.1

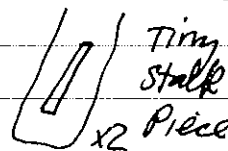
Regatrella Komeyamai  
 BM - 1912.11.09.001. Sagami Bay, Japan.  
 Purchased Q.C. 50 (Owston Label)



① Rhabdopectella tintinnus Schmitt.  
 BM - 1939.02.10.024. Blake 78/79 Ag. 79.  
 Caribb. Explor. Sta 108. 994 fm.  
 21° 43' N 76° 33' W # 6430



① Sympagella mix Schmitt  
 BM - 1870.05.03.175. Florida



① Sympagella mix Schmitt.  
 BM - 1921.11.30.003. Florida  
 No. 36 98-123 fm.

In pill box  
 3 frags of stalk.

① Walteria Flemmingi Schmitz TYPE  
 BM - 21, \*? coral? vessel? Station 170 630 fm.  
 23a 14 July 1874 Frag of Type-Spec

3 small frags of  
 wall from



① Walteria leuckartii  
 BM - 1896.06.27.003. Okaba, Boshu, Japan.  
 Purch of O. E. Janson

No Spec!  
 "on Exhibit"  
 in Coral Gallery

END BOX H-22.




23  
June  
88

Brit Mus Drys

Start Box H-23

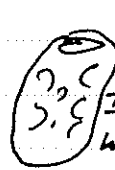
①

Rossella antarctica Carter  
BM-1926.10.26.082. Terra Nova Exp 10-13  
Mc Murdo Id.

 8" hairy boot  
w rubble adherent


①

Rossella antarctica  
BM-1887.10.27.002. Challenger Sta. 150  
S. of Kerguelen Id. 150 fm. 2 Feb 1874.

 10" long boot  
± smooth warts protruding tufts

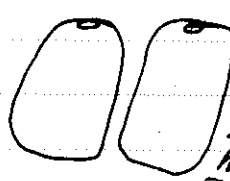
①

Rossella antarctica  
BM-1887.10.27.001. Challenger Sta 150  
S. of Kerguelen Id. 150 fm. 2 Feb 1874

 10" boot  
as above

①

Rossella antarctica Carter  
BM-2111.23b Challenger Sta. 320  
600 fm. RA.1 & RA.2.


 2 long 10" boots  
soft hairy DARK

~~X~~  
~~X~~

END Box H 23  
Start Box H 24


①

Rossella antarctica  
BM-1890.04.09.015. Challenger.

 10" boot  
nearly dead to 87-10-27-2  
Not Hairy as above  
Light color

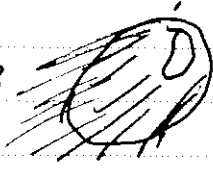
①

Rossella antarctica Carter  
BM-21 ~~23a~~ ~~23b~~ Challenger Sta 320  
23c 600 fm. RA 1.

 10" Double hairy DARK BOOT!

①

Rossella antarctica Carter  
BM-1926.10.26.080. Terra Nova Exp 10-13  
Mc Murdo Id.

 8" hairy DARK

Brit Mus Dry's

23  
June  
1988

Box H-24 cont'd

(X)

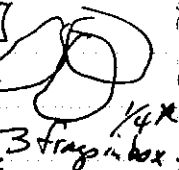
Rossella hexactinophila Kirkp.

TYPEN 72

Bm-1908, 02, 05, 005. Discovery Exp. Stn 270 2546m 4.11.04

R. racovitzae dredged at Crossin Antarctic circle 67°21'46"S 155°21'10"E

Plate 3 fig 4 Kirk-Voyage line



boat  
crnk.

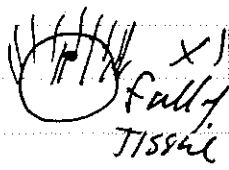
(X)

Rossella gausasi S+Kirk

Bm-1926.10.26, 056. Terra Nova Expedition Exp

R. racovitzae

Stn 9. - Arctic Bentlers



tail  
to

~~END~~ H-24

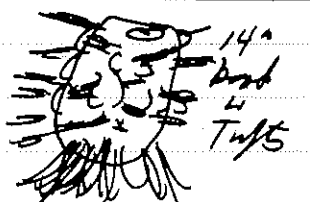
~~Start~~ H-25

(O)

Rossella nuda

Bm-1928, 02, 15, 350. Discovery Exp. 26-27

Stn -? R.N. CLX



tail  
me

large  
cuts  
to  
fig

(X)

Rossella longstaffae Kirkp.

Bm-1926.10.26, 257. Terra Nova Exp. Stn 349

R. nuda

= Rossella-Nuda; TN 122 (730)

Specimen Dotted



Black  
Spines  
Arm  
Papilla  
Stalk

tail  
dent  
27.2

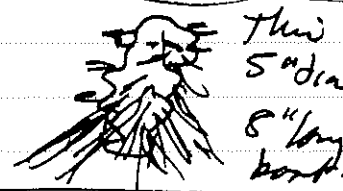
(O)

Rossella nuda

Bm-1928. 02, 15, 351. ? vessel? Exped? Stn 123

15/12/26. RN CLXI -

OTL Net 230-250m.



Thin  
5" dia  
8" long  
board.

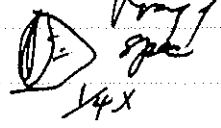
color  
like

(O)

Rossella nuda Tinsent.

Bm-1933.06.10.101. off S.E. Coast of S. America

Buenos Aires Museum (18634)



Long  
spine  
1/4 x

tail  
"

~~END~~ Box H-25

~~Start~~ Box H-26

2 1/2  
WRK.

(O)

Rossella nuda Tinsent

Bm. 21-23d

Discovery Coll. 26-27

R.N. CLVI - ii - duplicate



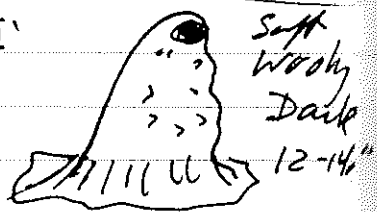
15"  
Tail  
Papillate

23  
JUNE  
1988

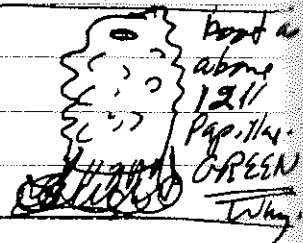
Brit Muss Drys

Box H-26 contd 27, 28.

(X) Rossella longstaffi (Kirkp.) = R. nuda  
R. nuda BM-1926. 10. 26. 253.



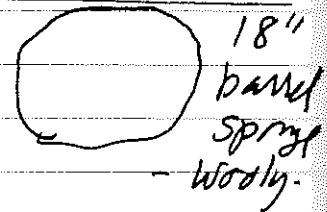
(X) Rossella longstaffi (Kirkp.) = R. nuda  
R. nuda BM-1926. 10. 26. 259 Terra Nova Stat 356.



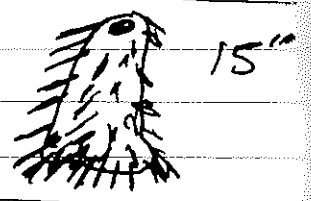
~~END H-26~~

~~Start H-27~~

(X) Rossella longstaffi (Kirkp.) = R. nuda  
R. nuda BM-1926. 10. 26. 255. Terra Nova  
McMurdoo Id.



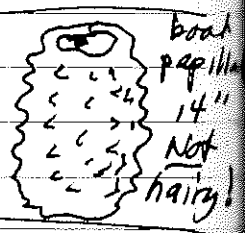
(O) Rossella nuda (Topsent)  
BM-21-23e Discovery Coll. 26-27  
R.N. CLVI - iii Duplicate



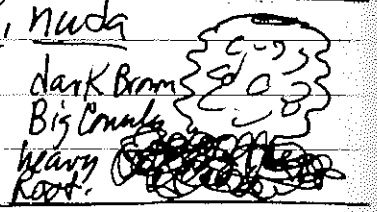
~~END BOX H-27~~

~~Start BOX H-28~~

(O) Rossella nuda Topsent  
BM-21-23f Discovery coll 1926-27  
R.N. CLVI - i Duplicate



(X) Rossella longstaffi (Kirkp.) = R. nuda  
R. nuda BM-1926. 10. 26. 256. Terra Nova  
TN 122 (730) Sta 249



~~END BOX H-28~~



23  
June  
1988

Brit Mus Dry's

Box H-30 start...etc H-31 H-32

(?) Gymnorossella enigmatica Gorton  
Status BM-1926.10.26.108. Terra Nova Collect.  
Unknown Mc Mendo Id.



Big  
Flat  
boat  
20" dia

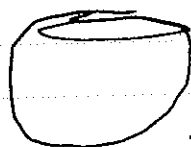
(3) Gymnorossella inermis Topsent.  
BM-1928.02.15.731. Discovery Exp  
RN CCXIX Sta WS 101.



15" tall  
boat  
Smooth  
Lt Brn  
No basal  
insulator?

X End Box H-30  
X Start Box H-31

(4) Gymnorossella inermis Topsent  
BM-1928.02.15.728. Discovery Investig  
Stat. W.S. 102



Big  
Bowl  
Flatten

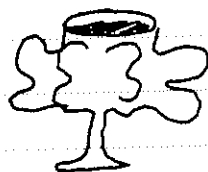
23-6 Crateromorpha laukesteri Kirkp. TYPE  
BM-1902.02.13.001. Main Island S. Africa Part I. 1902  
Cape of Good Hope 300 fm.  
18m NW 1/2 N of Londen, S. Africa 250-300m



HUGE!  
12" across  
stalk 2" diam!  
fragile!

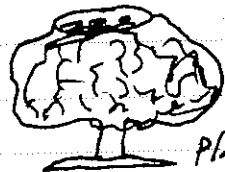
X End Box H-31  
X Start Box H-32

23-7 Crateromorpha meyeri var tuberosa Ijima  
BM-1921.11.05.007. Misaki, Japan.  
Insale Coll. No. 1. 330 fm (2000 ft)  
May 1921



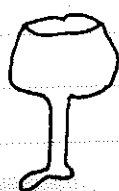
8" high

23-8 Crateromorpha meyeri Gray var corrugata  
BM-21-23g Japan. 150-300 fm.  
O.C. sp 720-108 O.C. 108  
from BM Exhibit 1970 Crateromorpha corrugata n.sp.



8" high

23-9 Crateromorpha meyeri  
BM-1872.07.27.001. Zeebev Philippin  
old Coll., Remained from Exhibit base 16/10/1947.



8" high

Box H-32 cont - H-33 -

Bij Flatter boat 20 diam

23-10 Crateromorpha tuberosa

Bm-1898.12.19.018. Japan

ms name

Crateromorpha meyeri ~~tuberosa~~

OC 109



7" high

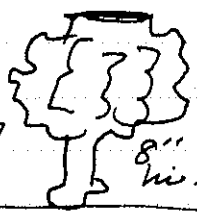
Full + with Brn base? etc?

23-11 Crateromorpha meyeri var rugosa

Bm-1898.12.19.016. Sagami Bay, Japan 150-300 fm

Puch 1898. OC#6377 Round fm Exhit base 16/10/47

Transparent dermis 30



8" high

Crateromorpha corrugata Ijima

Bm-1908.09.24.027. Japan

outside sample

Berlin Mus Exch.

fragm 1/2x

Bij anal attard

~~END Box H-32~~

X Start Box H-33

fragile!

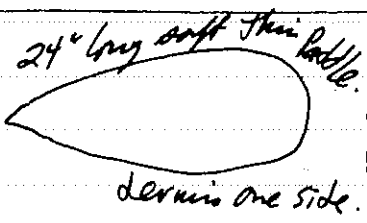
Hyalasaccus giganteus

Bm-1898.12.19.028. Sagami Bay, Japan

frag

Prob. Ouwston

88-6-23.2



24" long soft thin lable

dermis one side

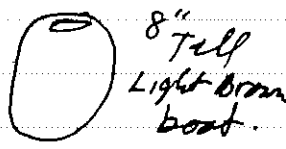
8" high

Aulosaccus mitsukurii Ijima

Bm-1898.12.19.005. Sagami Bay, Japan

Ouwston Coll. O.C. 4399 #13

88-6-23.3



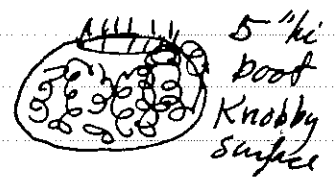
8" tall Light brown boat

8" high

Aulosaccus schulzei Ijima

Bm-1938.07.04.141. Sea of Okhotsk Stn 248

Zool Inst Acad Sci Leningrad



5" high boat Knobby surface

with base

Aulosaccus schulzei Ijima

Bm-1938.07.04.112. Sea of Okhotsk Stn 214

Zool Inst Acad Sci Leningrad

2 wall frags Soft 1/2x



8" high



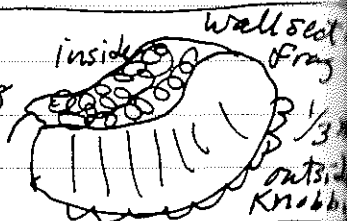
23  
June  
1988

Grnt Mus Dry.

H-33 cont'd - 34 - 35 -

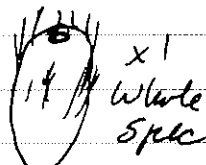
○

Aulosaccus schulzei Jima.  
BM-1938.07.04.142. Sea of Okhotsk sta 248  
Zool Inst Acad Sci Leningrad.



○

Aulosaccus schulzei Jima.  
BM-1938.07.04.123. Sea of Okhotsk Sta 248  
Zool Inst Acad Sci Leningrad.



~~X~~  
~~X~~

END H-33  
Start H-34

○

Asconema setubalense Kent.  
BM-1902.10.31.001. N. Atlantic  
Pres. Henry Benard, Esp.

Big flat sheet  
2 1/2 ft square  
3mm thick.  
THIN!

88-6-23.4

⊗

Asconema setubalense Kent.

Asconema setubalense BM-1898.07.30.001. N. of Canary Is., Conception Bank  
S.S. Dacia 250fm 30° 8'N 12° 41.6'W.  
Pres. M.M. Gray, Esp.

Thin sheet  
~ 2 meters  
across

Came up on prong of grapnel for dragging for cables.

~~X~~  
~~X~~

END Box H-34  
Start Box H-35

⊗

Asconema setubalense.

Asconema setubalense BM-1889.01.08.001. (Porcupine)  
Dredged off Coast of Portugal, ca 374fm.  
Pres. P. H. Carpenter F.R.S.

Thin sheet  
~ 1/2 m<sup>2</sup>

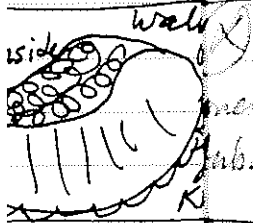
⊗

Asconema setubalense Kent

Asconema setubalense BM-1965.01.01.001 'Blanket sponge'  
Coll. Eastern Telegraph Co 1876  
Pres. Mrs. J. Warwick

Thin sheet  
1 ft  
square.

Box H-35 contd. H-36



Askonema setubalense Kent.

TYPE?

Sheet

BM-1870.12.10.001. Balloon Spgs. Portugal.

~ 4" square

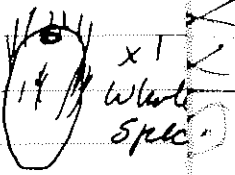
Purch of Laughlin; Orages No 13a

+ 2 frags.

Kent. Monthly Micr. Journ.

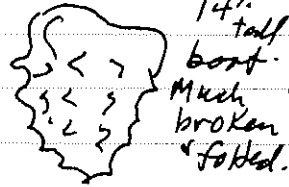
END Box H-35

Start Box H-36



Acanthascus cactus Schulze

BM-1896.06.27.004. Sagami Bay, Japan



14" tall  
boort.  
Much  
broken  
& folded.

Big flat 3-12

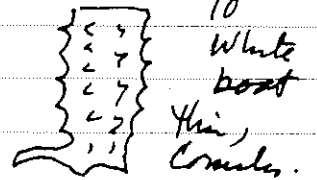
2 1/2 ft sq

3mm thick

THIN

Acanthascus cactus Schulze.

BM-1894.07.06.007. Boshu, Japan.



10"  
White  
boort  
Thin,  
Crenul.

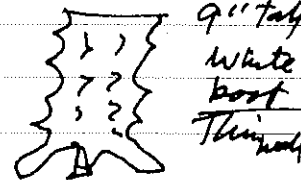
Bank thin sheet ~ 2" a

Acanthascus cactus Schulze

BM-1921.11.05.003. Misaki Japan

[7702] Inverte Coll.

Alan Onston 330 fm May 1921

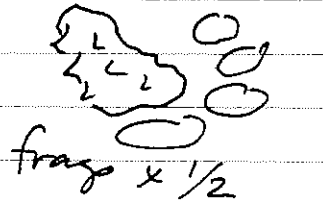


9" tall  
white  
boort  
Thin

Acanthascus cactus Schulze

BM-11.23 h Japan.

Purch of E. Gerrard Jr.



Thin sheet 23-13

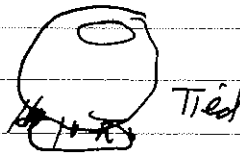
~ 1/2 m2

Acanthascus alami

? Type Specimen?

BM-1898.12.19.011. Sagami Bay, Japan.

Alan Onston [O.C. 4097]



Tied

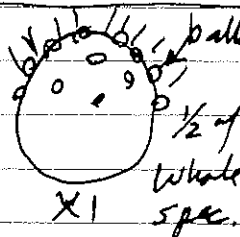
Thin sheet 23-14

1 ft square

Anoxycalyx ijimae K.

BM-1910.10.28.040. Gausa Sta 350m.

(Looks like budding to me)



1/2 of  
white  
spec.  
X1

END Box H-36

23-24

June  
1988

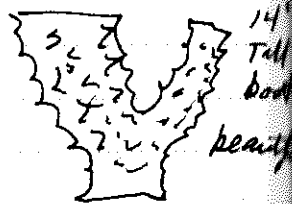
Brit Mus Dry

Start Box H-37, H-39, H-40

○

Acanthascus cactus  
BM-21-23i

Japan 150-300 fm  
Ex B.M. exhibit 1970



May  
9/18/12  
○

23-15

Frag

Acanthascus cactus Schulze

BM-1921.11.05.004. Misaki Japan 330ft.

No. 2. Inverte Coll. May 1921



88-6-23.5

X End Box H-37

X Start Box H-39

May  
9/18/12  
○

23-16

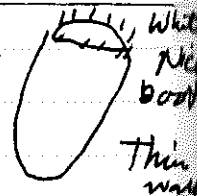
Frag

Rhabdocalyptus capillatus

BM-21-23j

Japan. 150-300 fm  
Ex B.M. exhibit 1970's

12" Tall



88-6-23.6

O.C. 4059 14

May  
9/18/12  
○

23-17

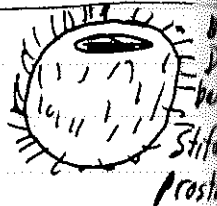
Frag

Rhabdocalyptus dawsoni

BM-21-23k

Coast of S. California

WARR: [Almost certainly Not dawsoni - ? R. horridus ?]



88-6-23.7

X End Box H-39

X Start Box H-40

May  
9/18/12  
○

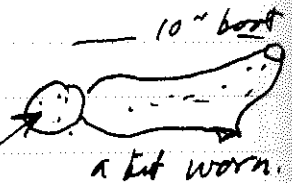
24-1

Rhabdocalyptus heteraster Okada

No. 5

BM-1938.07.20.001. Sagami Bay Japan.

Jan 1938. Shibayama Natural Sci Lab.  
Tokyo, Japan. Growing on Cecid.



X

Rhabdocalyptus Lophodigitatus Kirkp.

C

BM-1929.10.24.001 S. Africa, Lambert's Bay.

Rossella  
(Species uncertain)

(15 m SW of Lambert's Bay) 85 fm.

8"



X

Rhabdocalyptus Lophodigitatus Kirkp.

307

Rossella BM-1926.09.03.056. Gilchrist Coll.

(Species uncertain)

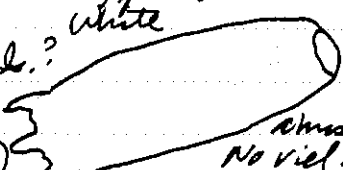
S. African Sp. R.N. 595

8"

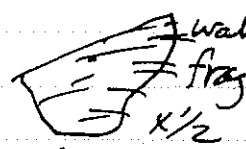


H-40 cont'd.

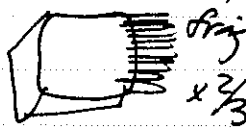
14" tall box with  
 ○ Rhabdocalyptra dawsoni Lambe  
 BM-21-24a Departure Bay, Vancouver Is.  
 20 fms. Pres. Miss Pixell.  
 (HMR: was spined pentast. OK)  
 Big flattened box white  
 smooth No viell.



○ Rhabdocalyptra heteraster Okada  
 BM-1938.07.04.108. Sea of Okhotsk Stn 248  
 Zool Inst Acad Sci Leningrad.  
 (HMR: casual search Not confirm spined pentast.)  
 wall frag x 1/2

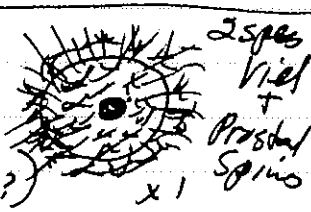


X Rhabdocalyptra dowlingi Lambe  
 BM-1938.07.04.140. Sea of Okhotsk Stn 248  
 Zool Inst Acad Sci Leningrad.  
 (HMR: casual search NO sping 5's - ?)  
 wall frag x 2/3  
 spined 5's OK ✓



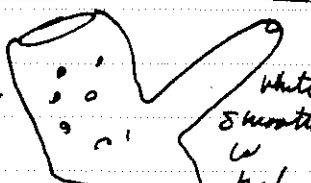
White nice out  
 in wall  
 Big Dark  
 Fibrous  
 Stiff  
 rostrals

X Rhabdocalyptra lophodigitatus Kirkp.  
 BM-1926.09.03.057. S. Africa R.N. 600-1  
 BM-1926.09.03.058. (HMR: casual search NO sping 5's - ?)  
 (Species uncertain) (HMR: casual search NO sping 5's - ?)  
 Cannot tell which is which. Russell's?  
 2 spec Viell + Prasad Spines x 1

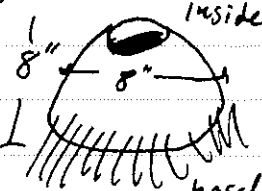


X End Box H-40  
 X Start Box H-41

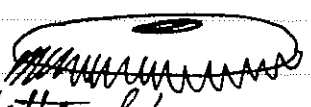
24-2 ○ Rhabdocalyptra mollis Schultze  
 BM-1896.06.27.005. Sagami Bay, Japan. 12"  
 Purch of E.O. Johann.  
 white smooth w holes.



○ Rhabdocalyptra plumodigitatus Kirkp. TYPE No. 10  
 BM-1901.12.28.001. Gilchrist Coll. 134 fms.  
 Linn Head, Cape Colony (63 mi N, 34 mi E of it)  
 AMNH (?) 7:1901 p457. No. 9 tied on →  
 8" 8" inside  
 basal



○ Rhabdocalyptra plumodigitatus Kirkp. No. 40  
 BM-1904.12.01.006. Table Mountain.  
 S by E 3/4 E 58 miles; 190 fms.  
 Greenish sand + black specks flattening!



X END BOX H-41

24  
June  
1988

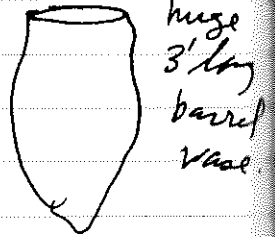
Brit Mus Dry Coll.

Box H-42 start.

frag  
A. 1898

24-3 Rhabdocalyptra victor

Frag BM-1898.12.19.003. Japan 150-300fm.  
Ex BM. Exhib. 1970's



88-6-24.1

X End Box H-42  
X Start Box H-43

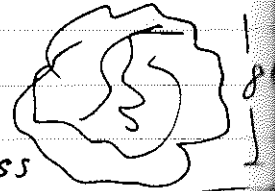
Frag

Symplectella rowi Dewey

BM-1923.10.01.014. Terra Nova Exped

XXXIII - "

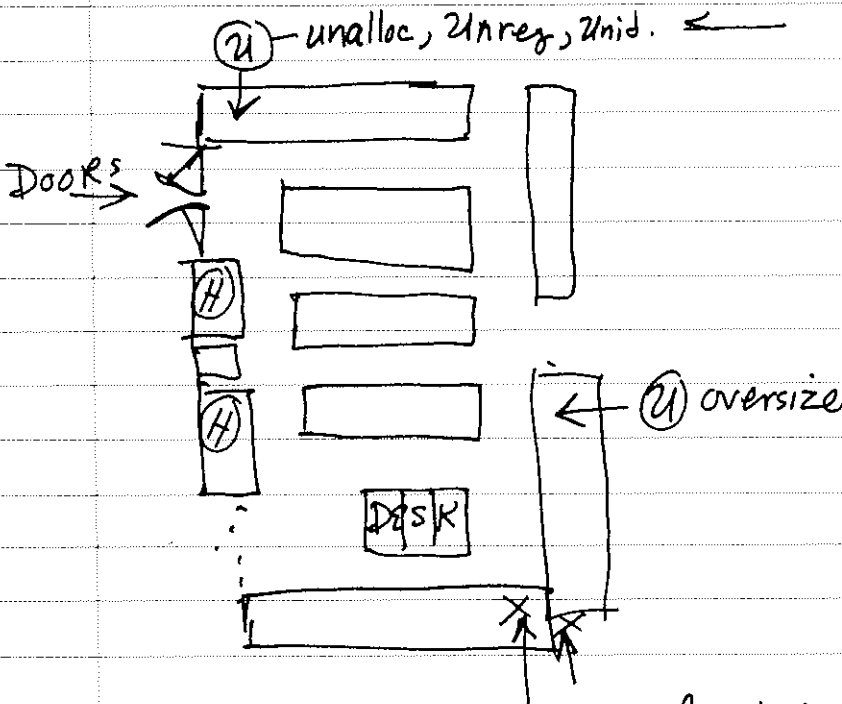
folded & tied up mass



88-6-24.2

X END Regular Numbered Boxes.

### UNNUMBERED DRY BOXES: (u)



e	X	X		
d	X			
c				
b				
a	X	X		
	I	II	III	

Loc of old Exhibit Specs.

Oversize Box Hyalosp.

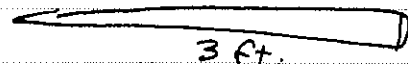
24-4

Euplectella imperialis

BM-2-24b

Japan. 150-300fm

Ex B.M. Exhib 1970:



24-5

Hyalonema sieboldii - Display Board - 3+ specimens!

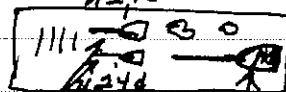
BM-1885.12.30.014. - Largest spec w Reg No ←

Pres Dr. J. Anderson

BM-2-24c / BM-2-24d

Unregistered all other 2 frags

Reg spec



24-6

Walteria leuckarti

BM-1898.12.19.002. Sagami Bay, Japan

1898 150-300fm. [Owston?]

Frag

FM

88-6-24.3



Hollow - holes along it  
3 ft long.

○

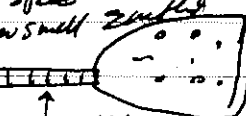
Hyalonema sieboldii (Gray)

BM-1921.11.30.006. JAPAN

Sir John Murray Coll.

Complete spec  
Body w a few small 2nd

ccws.  
~ 200 fibers  
rod



20ankits  
7"

24-7

Asconema setubalense Kent.

BM-1936.01.03.001. Cape St. Vincent 676m

A. Romalho, Dafundo, Portugal.

(came up in a bottle cast - Albacora May 1934)

Frag



BIG!

88-6-24.4

~~End oversize~~

~~Start "Unnamed Hexacts" "Ia1"~~

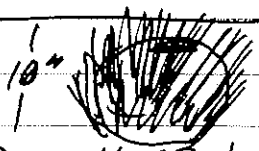
⊗

Rossella levis = R. nuda

BM-1926.10.26.278. Terra Nova Stn 349

Spec F. TN 119 (727)

R. nuda



Sp. w HUGE basals?  
- hides the whole spg.

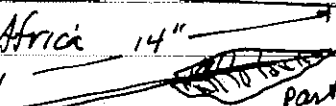
○

Hyalonema

BM-1926.09.03.061.

Gilchrist Coll, S. Africa 14"

S. Africa R.N. 604



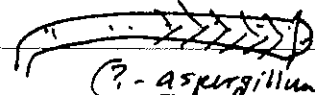
ccws  
50 strands

part of  
Head

[Unidentified] (Euplectellid skel)

BM-2-24e spec borrowed for Symbiota Assoc for Photo.

Plus: box w shell frag. ←



(? - aspergillum?)



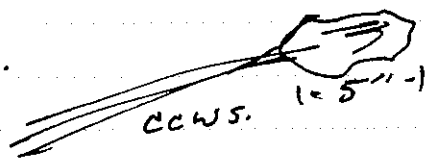
24  
JUNE  
1988

Brit Mus Dry

Unnamed Hexacts Ia1 cont'd, 'Ia2'

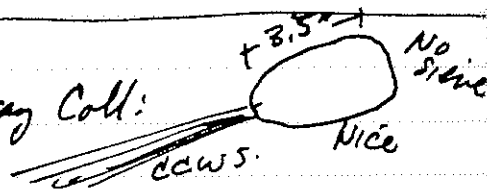
Hyalonema

Bm-1926.09.03.060. Gilchrist Coll.  
RN. 590 353



Hyalonema

Bm-1921.11.30.007. Sei John Murray Coll:  
Japan.



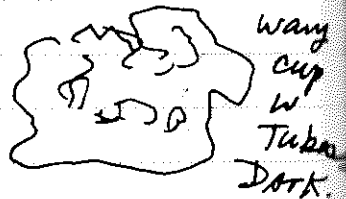
24-8

ZUnid. hex.

Bm-1896.06.27.006. Sagami Bay, Japan

#6

[Prob Chondroma]



88-6-24.5

ZUnid hex?

Bm-1921.11.05.011. Misaki, Japan

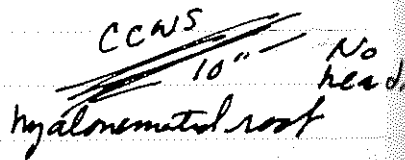
May 1921 Alan V. Insole No 6 330 fms.

'The nameless sponge' [? frame of Chondroma or Aph? .. has stellate...



ZUnid hex

Bm-1867.03.14.001 Japan



~~X~~  
~~X~~

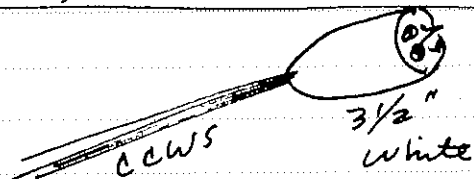
END Box Ia1 Unid. H.

Start Box Ia2 Unnamed Hex

ZUnid Hyalom.

Bm-21-24f

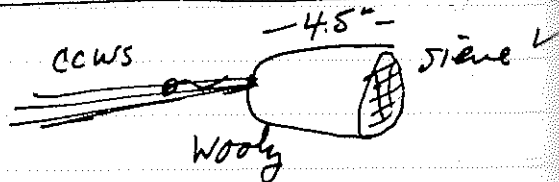
Japan



ZUnid Hyalom.

Bm-21-24g

(No info)



Brist Mus Dry

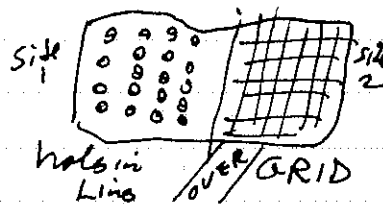
24 June 1988

Unnanned Hex I a z

Chonelasma lamella

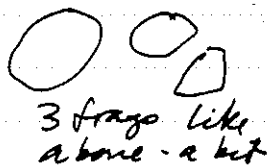
BM-1887.10.20.138, Challenger Sta 56  
Bermuda 1075 fm 29 May 1873  
[see Reid's sponge exhibit]

Washed out x 1/2



Chonelasma

BM. 1887.10.20.140. Challenger  
Coast of Portugal



Chonelasma

BM-1910.02.09.018. Belgica Antarctic Exp  
Recd in Exch from Prof. E. van Beneden.  
(see also 15 tubes in bottle)

2 tubes of  
Speckles!  
of Powder  
frags  
2 tubes!

Chonelasma lamella?

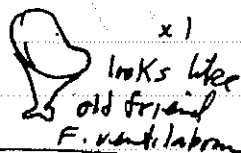
BM-1887.10.20.139. Challenger Sta 148a  
550 fm

17 frags, dead  
'binned'  
1-2" diameter  
very like Reid's sponge  
again.

Favos sp.

BM-1873.04.26.002. Hav?  
Pres. Gassiot's Egg; Not Favos fasciata Schmidt

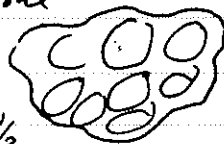
frag in Pill box.



Favos

BM-1886.06.14.002 Barbados, WI  
60-65 fm; Purch of Mr. Belgrave.

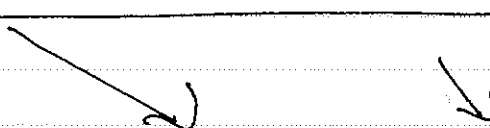
W TISSUE



Chonelasma

BM-1887.10.20.137 Challenger Sta 23.

1 inch size jar of types of cleaned  
skel - again like Reid's  
Sponge - but Thin!  
1st layer of holes only? NO cortex.



24-9

FM

88-6-24.6

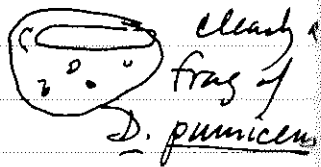
24  
June  
1988

Brit Mus Dry

Unnamed Hex Box I a 2

Dactylocalyx

BM-21-24h W. Indies.  
S.P. Pratt; Halapngos. 41.7.



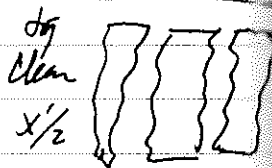
Z Unid. Hex.

BM-21-24i - Loc? - A.R. Waterston; Roy. Scottish Museum.  
Edinburgh 1, Coll. A.I. Steven, M.A. B.Sc. Pres Mrs Steven

Box w partial  
Euplectella  
skel.

Bathyxiphus sp.

BM-1910.10.28.049 G. Auss. Stn I. iii. 03  
2450 m. 4 pcs No. 71.

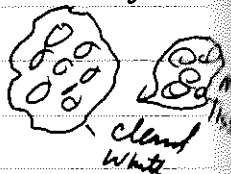


24-10

Ferreidae Unid

BM-1893.08.11.013 Macclesfield Bank, China Sea.  
41 fm; coral rock. [Aulocystis? \* - Loc?

2 frags



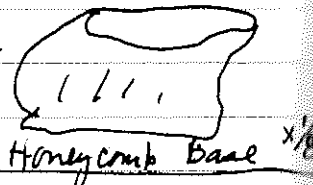
88-6-24.7

No. 5 (on box)

24-11

Z Unid. Hex

BM-21-24j Sagami Sea: Shibayama Natural Sci Lab  
Tokyo, Japan. No. 4. Lead skel w Tylodesma  
a bit like Reids' but No 2<sup>nd</sup> Grid.



88-6-24.8

Hyalonema sp.

BM-1936.03.04.022. Murray Exped (stn 118)  
17-1-34 Agassiz net; (Po. 157) 1792 m

Vial w loose  
4\* Root spines

Hyalonema sp.

BM-1936.03.04.019. Murray Exped Stn 185  
5-5-34 Agassiz net (Po. 252) 2000 m

vial w a few  
loose 3\* root spines

Hyalonema sp.

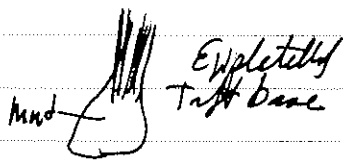
BM-1936.03.04.018. Murray Exped Stn 120  
20-1-34 Agassiz net (Po. 194) 2900 m.

vial w  
3-4 loose  
root  
spines

Unnamed Hex - Ia2

Z Unid. Hex.

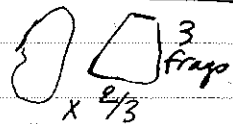
BM-21-24K Root tuft  
No details



Z. Unid. Hex.

BM-1906.12.01.128. Ireland, Minchin Coll

CXX 24.VIII-01 Yellow Clor Wnd fresh



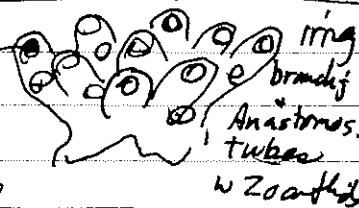
Prob. *A. beatrix* w  
dems growing in/m.t.

was  
181:5  
24-12  
Frag

*Eurete* sp

BM-1898.12.19.019. Sagami Sea, Japan.  
Owston Coll

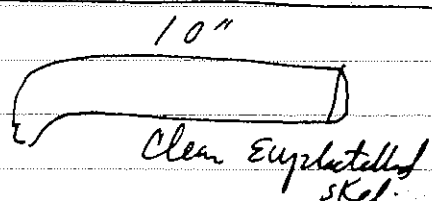
live  
open asc  
+ small  
holes ~  
1/3 mm  
just  
visible



88-6-24.9

Z. Unid. Euplectellid

BM-21-24L (No info)



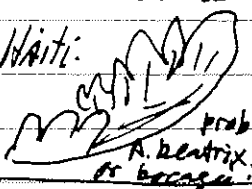
Clean Euplectella  
skel.

was  
181:5  
24-13  
Frag

*Aphrocalliata* sp

BM-1912.12.27.003. 4mi W-NW of Alta Vela S point of Haiti:  
373 fm off cable; Rec Capt A. Morrell.

White tubae



88-6-24.10

*Hyalonema* sp.

BM-1936.03.04.020 Murray Exped Sta 184  
(Po. 82) 4-5-34 Agassiz net 1270 m.

Tube w ~  
loose 100 Root fibers

low

*Hyalonema* sp.

BM-1936.03.04.021 Murray Exped Sta 171  
(Po. 83) 28.IV.34 Agassiz net 2200 fm  
m?

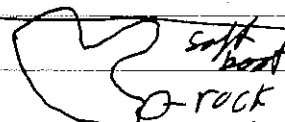
Tube w ~ 30  
Wound Root files  
in tuft w.c.w.s.

Z Unid. Hex.

BM-1895.04.11.010. Sagami Bay 300 fm

Purch O.E. Janson; Coll Carl Bock. - 2 spec *Rhabdocalyptra mollis*

Note: *E. imperialis* 5-10 $\mu$ ; *H. ventilabrum* 10-20 $\mu$ ; *Rhabdoc.* 5-8 $\mu$ .



x 1/4

24  
June  
1988

Brit Mus Dry.

Unamed Hex Ia2.

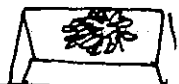
24-14

Z Unid. Hex.

Eurotid: Tubules of 2mm dia  
w 1mm holes on

BM-21-24m - off Margaret Beaches, Xmas I? R.K. Coll. 100 fm.

a limestone block



ms  
9:18:5

Hyalonema sp.

BM-1910-10.18.001

~~off Margaret Beaches Xmas I?~~

2 root

tufts

w

Zoantid

100 fms? R.K. Coll. Bequia, W.I.

Root tufts from 200 fm; coll. Capt A. Merrell, Cable ship. CCWS.

"Henry Helms"; W.I. + Panama Telegraph Co.

Hyalonema sp.

BM-1913.08.14.001.

E. London NW 1/2 N 20 miles

1 small tuft.

No Zoantid

CCWS 6"

400-450 fm. Sand + stones

Root Tufts

[? S. Africa?]

Hyalonema sp.

BM-21-24m

Stalles of Hyalonema; Letter 5.5-52 S.L. Benning

1 Root tuft

8"

CCWS

"Silk Worm of the Deep" Enohima Japan -  
nearly a century ago - date?

Hyalonema sp

BM-1887.10.24.021

[? Challenger?]

Stn 241

Root tuft

CCWS.

23 June 1875 2300 fm

10" dried - ~~so sparse~~

or m. of H. robustum.

tuft, compact.

Hyalonema sp

BM-21-240

on Exhibit in glass tube  
old collector

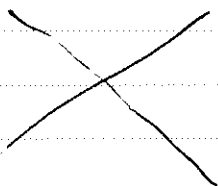
Root tuft.

CCWS

50 fibres tight

compact.

X END Box IA2



Brit Mus Dry

24  
June  
1988

Start <sup>BIG</sup> Box IA 3 Unid Hex

Z Unid Hex.  
BM-21-24p

Discovery Exped. Sta 2290  
14.iii.38 OTL Net 138-133 m

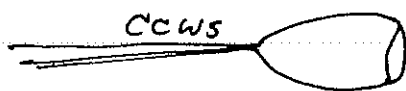
3  
Large  
Smooth  
hoop  
Tubes



Z Unid Hex  
BM-21-24g (No data)

in plastic bag

CCWS

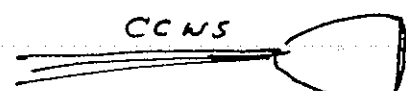


6" head. w zoanth.

Z Unid Hex.  
BM-21-24r (No data)

in plastic bag

CCWS



Side

wooly.

Z Unid Hex.  
BM-21-24s

from I Gerrard & Sm  
April 1918.

in bag with



Tag

3" long. SMALL  
w part of worm stipe.

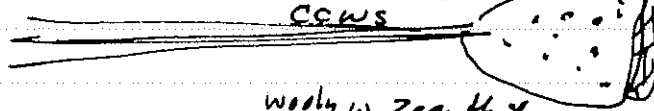
Z Unid Hex

BM-21-24t (no data)

in plastic bag

No stalk zoanthids

CCWS



wooly w zoanthids

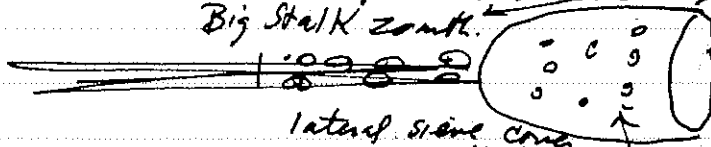
Z Unid Hex

BM-21-24u (No data)

in plastic bag

Big stalk zoanth.

7.5"



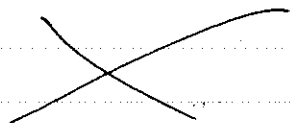
6

Side

areas

lateral side cover  
w zoanthid holes

X END Box IA 3





25-28  
June  
88

Brit Mus Dry + Find Wet

Misc Dry Boxes - Unamed/UnRegist.

Box Id 1. "Unamed Hex - Unknown Exped"

BM-21-26a Box not surveyed in detail - contains 3 or 4 Big Rossellids  
- ? *R. longstaffi*? but id + Loc uncertain - prob  
Antarctic -

Also has 1 nice *Rhabdocalyptus*? wrapped in paper -  
No data for any of these.

**Frag** ✓ I Took a few long basal spindles for Reference.

88-6-26.1

Box I E 3 - Unamed Hex - Mixed - for UNKnown Exped "

BM-21-26b This box has ~ 10 Rossellids - all packed in  
together - mass! - Probably antarctic Discovery Spec  
but not worth digging out -

END of Dry Collection Survey.

ON

28 June

Reviewed the *Dactylocaelyx* box + photographed  
Specs - also more detailed notes taken -  
see the Page opposite Box 13 on 17 June.

Then return here - for Specials:

Special Wet Spec brought in by Shirley Stone from ? Storage.

28-1

**Frag**

**Frag**

Dep REH Reid

Paratype

July / Aug 1963 200 m; DD-15 lactogen Tii

Color - orange; alvei 2 spec look like Euredis

Internally w longit ridge extending inwards from the

outer wall - spread to delineate an incomplete inner

tube - vestibule w longit slits

Lateral ~~base~~ tube sets NOT perfectly aligned

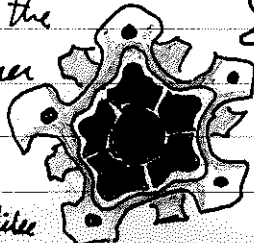
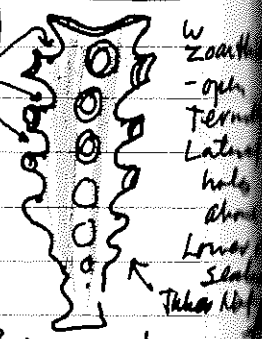
by any means; Walls 1-2 mm Thk. Finely poroso - Euredis like

TYPES

BM-1967.05.23.001. HMS Dampier Coll.

BM-1967.05.23.002. Mt Brunel, Borneo

Small holes  
on  
upper  
surface  
of platform



Large spec  
w gorgonian  
in central vestibule

Holotype  
88-6-28.1  
88-6-28.2

In <sup>Stones</sup> Shurley's office:

Monorhaphis sp.

Glass tube w long spic

BM-1936.03.04.023. Murray Exp Int Oc Stn. 118 3 long needles  
Zanzibar area, Ulobisiri 102 131, 131, 64 cm  
1789 m. + Tip frags  
~ 4 mm thick.

SLIDES

Note  
BB-6-28.3  
As way out of  
sequence - way back in  
Box H-38 on 17 June.

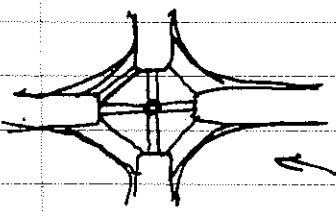
The Slide Collection was briefly surveyed ~ 16/17 June  
but summarized here.

Slide Cat. (4) Tray 82

[Ridley's abbrev for: 1877/5/21/1388

Myliusia grayii Bow BK D BK 1388

" From Type vis Gray's smaller spec of M. callocyathes (St. Vincent W.I.)  
Clearly on aulocystid w lychnis; dicohexaster



uncinate or obsolete bars  
Some places w heavy synapticular develop.  
may obscure but Never occlude lantern Notes  
No loose lychniscs - those seen are obviously  
broken from skeletal attachment  
Notes not thickened internally!

~~Myliusia grayii St Vincent Y.b. BK 1388~~ from Gray's small  
spec of M. callocyathes

Myliusia grayii Bow. basal Tissues. BK 1388 from Type  
vis Gray's smaller spec of  
M. callocyathes St. Vincent W.I.

basal plate frags + forams + Lemnospys spici -

Myliusia grayii St Vincent Y.b. BK 1388 from Gray's  
Small spec of M. callocyathes.

BM-1840.10.12.011 - [Error] - No such #? [Type] of M. grayii

Loose spic + frags.

cartilag  
open  
conical  
interf  
hairs  
above  
near  
skeletal  
& not  
fixed  
as spec  
in all  
restric

28 (really 16-17 mts)

Brit Mus

June 88

cab (4) 82 contd

Slide

Myliusia grayii (7.a.) Bm 1840.10.13.011 Error No such Reg No.  
BK 1388 from basal surface.

OK

Myliusia grayii Bp 1840.10.23.011

Hinde Coll. 20.8.25 [source of Hinde Coll unknown] all in same No.  
'Annals' 1877 vol XIX P121.

frags of bone spines; spines like above spec

Aulocystis zittelii vert sects, Challenger.

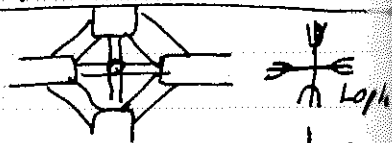
Much larger mesh - open spaces

No hexacts or free lychmids

All appear clearly connected to framework.

\* No indic which spec this is from:

review  
zittelii  
spec: { 1 from Sta 192  
          1 from Sta 192 ← probable source  
          1 from Sta 194A  
          1 from Blake - prob grayii



septs 2.5-3mm thick!

Aphrocallisto beatrix - slide of tissue sections

Prob stain borax carmine -

Nice - good reprod stages.

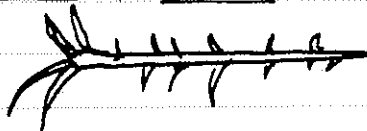
\* No Tracts or cord synnaptia evident in this species.

Tray (4) 81

Deutrospongia steerei Murie TYPE 1903.06.26.001

= Sclerothamnus clausi

wierd scapule

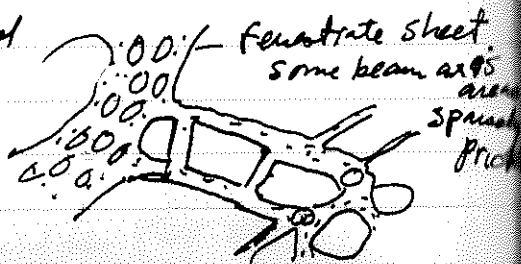


Iphitem panicea Val. la Martinique 1869 1953.11.09.059

Slide in poor shape - a few frags of clean skel

Could be anything - cover glass is

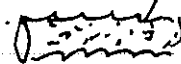

Creeping away.




Tab (4) Tray 80

Dactylocalyx pumicea 2nd spec in Bristol.

Dactylocalyx pumicea Stutch. from spec Not the TYPE  
in Bristol Mus. Sent by Dr. Wm Sanders  
Hab. ? BK 1365 R-2443

Has nothing even remotely resembling a Lichenisk!  
Tuberculate/spiny beams  or discoid 

some oxyhexasts 

Dactylocalyx Belfast Mus. D. pumicea Stutch. BK 1362  
Hab. ?

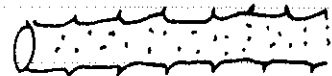
Small frag; same structure as above - spiny beams.  
Same microsclero.

Dactylocalyx pumicea? 1840.05.03.016 Florida 2286?  
Small slide: Fragment of frame w demospore in it. 2286

Frame here evenly spined -

Perhaps not D. pumicea

Nearly chicken - skin



Iphitem panicea Mus Jardin des plantes Valenciennes BK 1384

Arch. de Mus in Edwards 1855

Iphitem panicea, Valenciennes? Mus. from TYPE in Mus Jardin Plantes  
Porto Rico

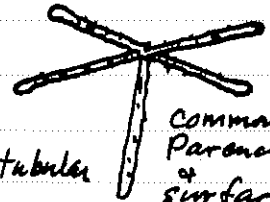
[Nice preparation - old but Good!]

3-D frame w straight beams + swollen nodes

Beams microspined; Meshes clean!  $\square$  or  $\Delta$

w/o synapticular filling; Gross structure - Microtubules

⊕ original of Plate Zoo.P.



Common  
Parandryd  
+ surface



Iphitem panicea ... same label as above TYPE R-2095

as above w 5's common. + some 6's

No Astero + No Smooth spines!

f. 95  
new  
ready  
prickly

28 - (16-17 really)

Brit Mus

June  
88

Slides

Can (4) tray 80 contd.

Iphitem panicea Valenc. TYPE another slide  
struct + spics as above: 5's + 6's

BK-1384

R-2094

193C

Iphitem panicea Valenc. cf. fig 340 vol I Pl. XXXIV

617. X. 183

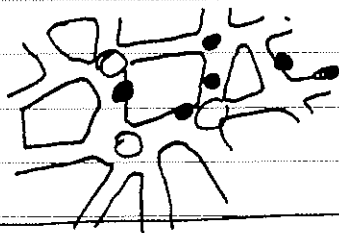
BK 308

Frame w black spots, fouled:

18. X. 666

R-2198

algae or forams; frame + spics as above

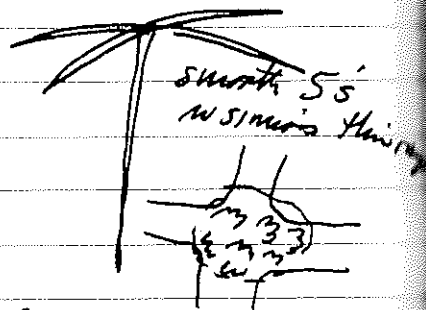


Iphitem panicea Hinde Coll 20.8.25. Recent G.J.H.

Frame OK but more thickening -  
like D. panicea but tubercles are  
multispined; microsclera like D. panicea  
above: 2 disc hexasters;

The Iphitem spiny 5's not present!

Undeely to be same as Bwbks!



Tubercles common on frame nodes -

Spiny synapticular rods common

Iphitem panicea Same labels -

Same spicils -



but is this for the Valenciennae spec - ? undeely

Iphitem panicea Morris, Martinière Jardin des Plantes

Hinde Coll. 20.8.25

Spinulate Hexactmate Stellate, fine -

(like the original type slides earlier)

Ch ④ tray 80

Dactylocaelyx pumiceus Stutch. [TYPE] spec 1-4-68

frag from within <sup>margin</sup> near base, figured, Barbados. [BK 1361]

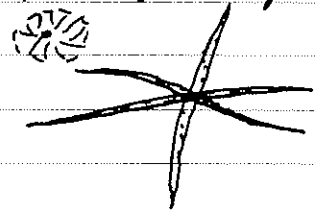
Frame: tuberculate/spinate: 3D but 2ndy thickening makes nodes quite irregular in size & shape.

Microdiscohexasters common

micro-spined 5's & 6's

Not crudely spined!

unless found to frame:



Dactylocaelyx pumiceus Stutch. from base of [Type] 3.3.68.

all kinds of foreign spines here - most: ~~many~~ <sup>whorled</sup>  
base fragments also of 5Kd

Dactylocaelyx pumiceus Belfast Mus; Barbados [BK 1363]

typical of D. pumiceus -

Synapticular thickening & fitting - thin synapt. crudely spined

Parenolymenidia fairly smooth

It has discohexasters ✓

Beam tubercles are multidentate

Dactylocaelyx pumiceus Stutch. [BK 1364]

from spec of Jardin des Plantes, Martinique.

Includes Gerard's [Indeed mostly Gerard's spec]

Dactylocaelyx pumiceus - spec Jardin des Plantes, Martinique

Grossly synapticular form w thickening

beams still springy-spongy; almost sheet-like

forms outliving tubes. Here is a structure that

would give Reid some argument - lots of

small ~~nodes~~ <sup>synapta</sup> and thickened nodes.

Thin parenolymenidia

discs

some rays

Grossly - fine tubular struct like Iphites

pumiceus above - still NOT arguable that these have

\* anything like true lychnisK nodes!



28  
June  
1988

Brit Mus

Slide

Col-4 tray 80 contd.

Dactyloctenium pumicium BM PZS. 1841.

BK 1366

86, No 5. mm [?]

Prob. from TYPE - more regular frame - less sheet-like

structures - but still some synaphtes + thickening to form irregular meshes; Nothing approaching Lychnis Kid nodes.

Disc hexaster ✓

Tuberculate/spiny frame ✓

Dactyloctenium pumicium Stutchbury. Not from type -

Bristol Mus Spec - as R 2443

Wm Saunders

BK 1365

Same as above in details

Dactyloctenium prattii BK Cf Fig 276 vol 1. PXXVIII f8 x175

Lithated!

BK 288

Dactyloctenium pumicium Stutch from TYPE - frags charred + uncharred - figural. Barbados. Same as earlier - charred in leaf

Dactyloctenium pumicium Stutch. from TYPE spec in Brit Mus.

I can see intercollation -

R 44 BK 1361

2 size of disc hexaster -



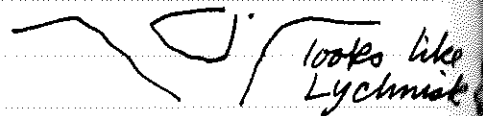
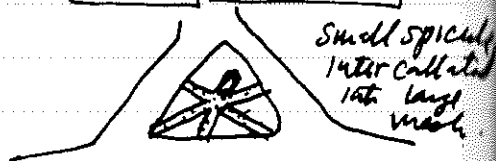
Smooth sinuous pseudonodes -

Nodes of spiny 5/6's added.

Tuberculate/spiny base - very weak

Caution - Bowerbank made many mistakes in

Nomenclature specimens.



Dactyloctenium pumicium Bristol Mus from Stutch TYPE in BK 1361  
Bristol Mus. - Like above - Many sheet-like mes

Dactyloctenium pumicium TYPE does not say whole piece of



type - OK - more intercollated of small spds

BK 1361



Bert Mesa

(16-17) - 28  
June  
1988

Caly  tray 80

# SLIDES

Dactylocalyx pumiceus under surface TYPE

Spec BM 1.4.68 No. 13.

BK 1367

1367 ← ?

OK - like above

Dactylocalyx crispus

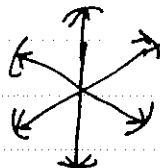
Florida 70.5.3.13.

small slide

Tuberculate nodes →



discohex



(Not TYPE?)

Dactylocalyx crispus " 2nd slide full of Hyalonema spirale

Iphitem irigalli BK.

BK 1386

Dactylocalyx pumicea Gray From TYPE St Vincent WI

B.M. 60.5.26.29. Maybe same ~ pumiceus -  
would take work to prove it!

Dactylocalyx masoni B.M.K. Prob. from TYPE

Lithated!

Dactylocalyx bowerbanki Johnston. Cf. fig 276 vol I

Madeira

Lithated!

BK 296

## Summary of slide reviews:

Aulocystis (Myliusia) graysi + zitteli are indeed quite different ~~beasts~~ - in microscleres + size of spec (canalization) + size of mesh. Very little Luty filling except in special areas - to identify the areas of synapticule insertion - where?

No real evidence from these slides that byclimaks are developed prior to insertion into the skeleton as free spines.

K 1368

of looks like chemist

28 (16-17)  
June  
1988

Dwt Mus.  
Slide Summary contd

Dactylocalyx

NO convincing evidence that *Lychneis* occur here!

Widespread Indry thickening &, more importantly, insertion of small hexactines onto a very "stickley" frame & these thickened & inserted to act as apparent *Lychneis*.

Difference between *pumiceus* & *ingalli* is UNLIKELY!

Difference between *pumiceus* St & *pumicea* Gray is UNLIKELY!

Difference between *pumicea* & *Japanica* Val BK is probable - but would need exam of Paris spec.

END of Entries

Re Brit Mus TRIP PER SE

\* Addition:

On 21 June: Trip to Institute of Oceanographic Sciences - to visit Tony Rice - Not there - ... but received spec

IOS-2

*Pheronema carpenteri*

Whole Spec

"Discovery Collections"

Stn 51208 #1 Date 19-IX-81

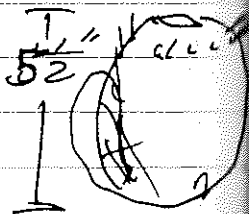
Depth 1170-1200

Gear:

Porifera No 1 for L:W (from discarded portion)

(Frozen after drying) → Dry Spec.

88-6-29.1



Save for Frags Summary

m

iscs.

!



m

Save for frag money

Save for my family.



1 Aug  
1988

MCZ Return Trip

Dry Collection - Cont'd

DRY

Cab VII Tray 92

Roll 10

6341

Margaritella

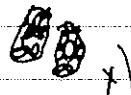
Ag. 79

2 small frag

No Photo

(132)

[?] Bruchsticke [?]



No frags -

132

Margaritella N. (?)

6343

Myliusia

Lychniskid!

1 frag.

No Photo

Near Havana 75 fms

No frags

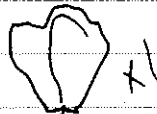
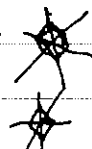
(154)

154

Myliusia

75 fm

Near Havana



amblyopid

88-10-2.1

6344

Myliusia

23° 4' N. 320 fms.

40 Agassiz

2 photos

82° 40' W.

1878

2 frags

(211)

211

320 fm

23 04 N

12 40 W

Mit dem Krebs

Nega: 9:185:5:1+2

Not sta 40!

Maybe sta 17.

(Cuba)

not Lychniskid!

? not Myliusiid

Solenoplegma?

Lanterna?

But it is! irregular



6345

Myliusia Callocyathes

292 fms.

Ag 1878

No photo

(91)

91

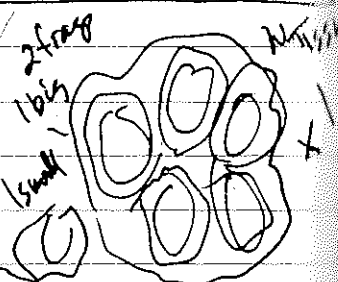
292 fms

Monro light

Myliusia Callocyathes Gray

No frags

Myliusia right!



2 frags

16 is

small

88-10-2.2

6346

Myliusia Callocyathes

Near Monro Light 292 fms.

16 Agassiz

1 photo

(110)

110

1878 292 fm

1 frag.

2 pcs

Wash out?

as above

2 pcs

Wash

400

500

88-10-2.3

6347

Myliusia callocyathes

Ag 79

No photo

St. Lucia 116 fms

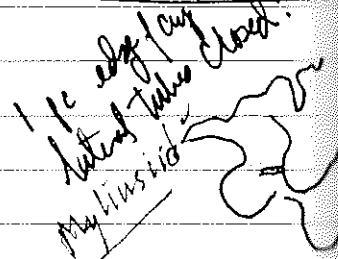
118 116 F.

1 frag

(109)

109

Sta Lucia



1 pc edge / cup

Anterior tubes

Myliusiid

MCZ-2  
DRY

1 AUG  
1989

Cab VII Tray 92 Cont'd.

88-10-2.4

6348

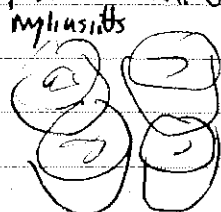
*Myliusia callocyathus*

Barbados 123 fms

*Dactylocalyx callocyathus*  
Sdt.

4 spec. - Entire!

2 photos



x 1/4

1 frag

negs

9:185:5:4+5

Carib. Is. Exp.

Blake 78-79

No. 297

123 fms

Barbados

*Myliusia callocyathus* Gray

6349

*Myliusia callocyathus*

Martinique 136 fms

*Dactylocalyx callocyathus*  
Sdt.

*Myliusia callocyathus* Gray

myliusid

no photo

no frags.

(332)

332

Carib. Is. Exp.

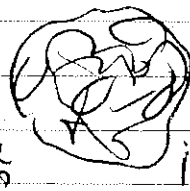
Blake 1878-79

No. 199

136 fms

Martinique

w foreign tissue?



x

6350

*Myliusia callocyathus*

Barbados 123 fms.

*Dactylocalyx pumiceus*

123 fa.

2 photos

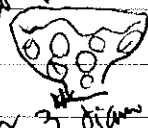
no frags.

(104)

104

Barbados

1 perfect specimen  
~ 3 others



negs: 9:185:6:1+2

88-10-2.5

6351

*Myliusia callocyathus*

Barbados 123 fms.

*Dactylocalyx callocyathus* Sdt.

6 specimens - all nearly whole!

2 photos

2 frags

negs 9:185:6:3+4

Carib. Is. Exp.

Blake 1878-79

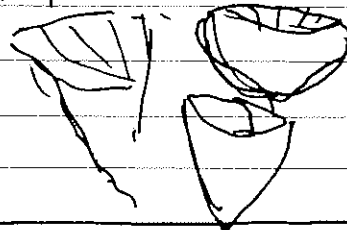
No. 297

123 fms

Barbados

*Myliusia callocyathus*

very in shape myliusids



6352

*Myliusia callocyathus*

Barbados 123 fms.

*Myliusia callocyathus* O. Sch.

Barbados "Blake" Exp.

myliusid

3 photos

no frags

negs

9:185:6:5

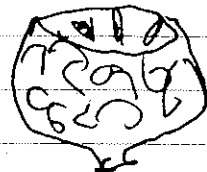
+ 9:186:1:1+2

Carib. Is. Exp.

1878-79

No. 297 123 fms

Barbados



1 Aug  
1998

MCZ-2

DM

Cab VII Tray 92 cont'd.

88-10-2.6 6353

Myliusia callocyathes

Dactylocalyx callocyathus Sdt.

2 ✓ photo

Barbados 123 fms.

Myliusia callocyathes

1 frag

Carib. Is. Exp. 1978-9

Tallish  
Standard  
M.C. ✓

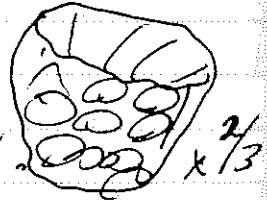
megs:

9:186:1:3+4

Blake

No. 297

123 fms



88-10-2.7 6354

Myliusia callocyathes

Dactylocalyx callocyathus Sdt.

3 ✓ photo

2 frag.



Myliusia callocyathes

megs: 9:186:1:5 + ... 2:1-2

?  
Myliusid  
or Ankyrid?  
To check!



bank cup  
1 meg  
x 1/2  
w tissue!

6355

Myliusia callocyathes

Dactylocalyx callocyathus Sdt.

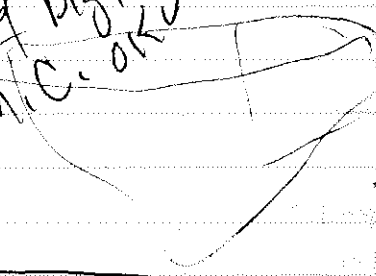
no photo

no frags



Myliusia callocyathes

Piece of Big  
M.C. OKU



88-10-2.8 6356

Myliusia callocyathes

Dactylocalyx callocyathus Sdt.

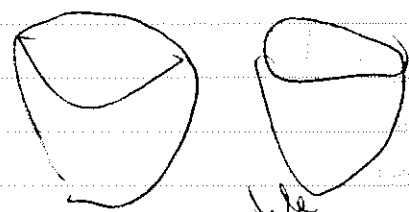
2 ✓ photo

2 frags.



Myliusia callocyathes Gray

megs: 9:186:2:3+4



washed-out skeletons  
2 whole  
Specs.

6357

Myliusia callocyathes

Dominica 611 fms.

(321)

321

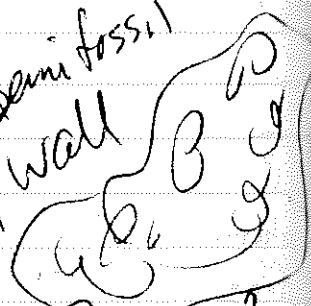
no photo.

no frags.

Dactylocalyx callocyathus Sdt.

Myliusia callocyathes Gray.

Big  
Dead semi fossil  
PC of wall



Maybe an  
Hexactinella -  
maybe Myliusia?

MCZ-2

Dry

1 AUG  
1988

Cab VII Tray 921 Cont'd.

88-10-2.9

6358

Myliusia callocyathus

Dactylocalyx callocyathus Sft.

no photo  
2 frags.

St. Vincent 114 fms.

Myliusia callocyathus Gray

(385)

335

Carib. Is. Exp. Blake 1878-9

No. 226 114 fms

St. Vincent

washed-out.

3 lines frags  
2-4 cm size

88-10-2.10

6359

Myliusia callocyathus

Barbados 123 fms.

2 photos  
me frag.

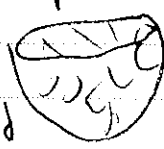
Carib. Is. Exp. Blake 1878-9

No. 297 123 fms

neg: 9:186:2:5  
+ 3:1

Dactylocalyx callocyathus Sft.

Myliusia callocyathus Gray

1 pc  
irregular Myliusiid  
 1/2 x

no photo

6360

Myliusia callocyathus

Cariacou 163 fms. (337)

1 large pc Myliusiid  
No spines  
invaded by demosp

337 C.I.E. Blake 1878-9.

No. 241 163 fms.

Dactylocalyx callocyathus Schott.

Cariacou Blake expd.

88-10-3.1

9025

Myliusia callocyathus Gray

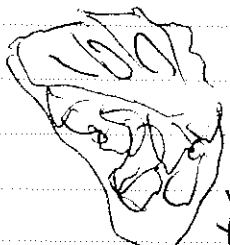
Barbadoes 123 fms.

3 photo

2 frags.

U.S. Coats Survey Steamer Blake

neg: 9:186:3:2-4 217.

 ~ 2/3 y  
spec  
w/ tissue  
x 1/3 Myliusiid?

88-10-3.2

6361

Myliusia zitteli

marshall 101 fms.

1 photo  
some frags.

(291)

291

ISA Agassiz 1878

101 fms.

Myliusia zitteli  
marshall

Analogistid?  
  
1 line frag  
Part w/ tissue x 1

neg: 9:186:3:5

1 Aug  
1988

MCZ-2

Dm

Lab. VII Tray 92 Cont'd.

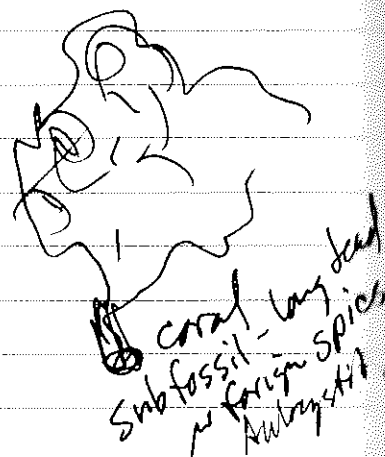
88-10-3.3 6362 Myliusia zittelii Marshall  
1 photo 25° 33' N. 101 fms 198  
1 frag. 87° 21' W. (198)

neg: 9:186:4:1

15. Ag. 1879  
Myliusia Hassleri  
101 F. Lt. 25 33 N  
87 21 W.

Myliusia zittelii Marshall

well  
up a bone  
Yucatan  
Gulf



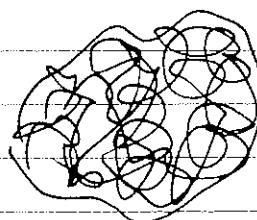
88-10-3.4 6363 Myliusia zittelii (?) Marshall  
1 photo Barbados 103 fms (292)

1 photo

small frags.

292 Ag. 79  
273 107 103 F.  
Barbados.

neg: 9:186:4:2



Regular  
Autocystis

w/ tissues.

6364 Myliusia zittelii Marshall

No photo

No frags.

Gulf of Mexico

(224) 224

Ag. 1879  
Myliusia zittelii  
Mexico Gulf.



good x1.  
Autocystis Frag  
Washed out

6365 Myliusia zittelii (?) Marshall

no photo

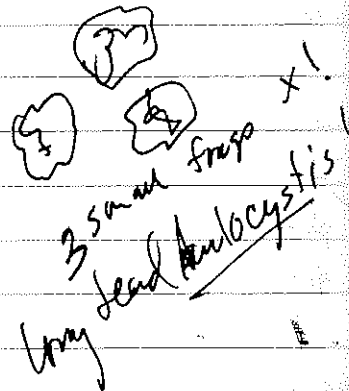
no frags

25° 33' N. 101 fms

83° 21' W. (226) 226

22 Agassiz 1878  
101 fm.  
25 33 N  
83 21 W.  
Myliusia zittelii Mohl

no  
Tortuga?



3 small frags x1  
Very dead Autocystis!

Cab VII tray 92 Contd

88-10-3.5

6366

Myliusia zitteli Marshall

(294) 294

Myliusia zitteli; Marshall

1 photo

1 frags

neg: 9:186:4:3

anulocystid?



2 frags!  
w spics!

no photo  
no frags.

6367

Myliusia zitteli (?) Marshall

994 fms (83) 83

Ag. 79  
1/4 [?] 994 F.  
N: 108  
Ag

This is a Myliusia



Not zitteli!

Very very probably M. callocyathes!

1 pc(x 1)

88-10-3.6

6368

Myliusia zitteli Marshall

Barbados 103 fms

Ag. 79

273 125 103 F.

Barbados

no photo  
some frags.

busted up



pc of Anulocystis

w tissues.

88-10-3.7

6369

Myliusia zitteli Marshall

Barbados 106 fms.

C.I.E. Blake 1978-9.

No. 277 106 fms.

Off Chovera + Chovera [?]  
250 fms [?]

1 photo  
some frags

neg: 9:186:4:4

~ 10 pcs of Anulocystis w tissues -

(one w Coarsen skel + 'grayer' color - Not sampled)

Chovera = near Havana

88-10-3.8

6370

Myliusia zitteli Marshall

Montserrat 168 fms

(293) 293

Ag. 79

158 108 168 fm

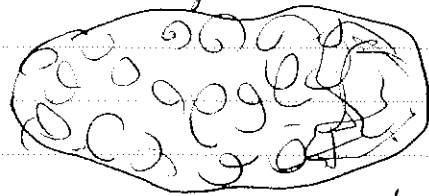
Montserrat (Myliusia)

1 photo

1 frag.

neg: 9:186:4:5

? Anulocystis w spics



to check x1.

200



1 AUG  
1998

MCZ-2

Dry

Cab. VII Tray [92] Cont'd

[88-10-3.9] [6371]

Myliusia zittelii Marshall  
off chovera (?) 250 fms.

1 PC



Wspics  
Aulocystis

1 photo -

some frags neg: 9:186:5.5

" Cuba

ENDROLL 10

[6372]

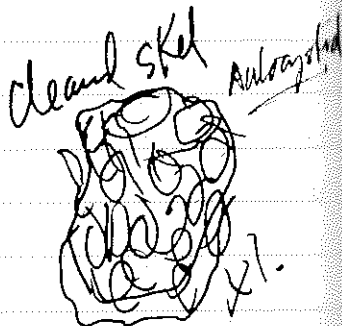
Myliusia zittelii Marshall  
off Montserrat 88 fms

STRON 10  
1 photo

1 frag

(100)

[100]



[88-10-3.10]

Myliusia zittelii, Marshall  
off Montserrat 88 fms Blake Exp

neg 9:186:6:1

Ag. 79 Myliusia zittelii Marshall  
166

END TRAY [92] ~~WAY!!~~

START TRAY [93] ←

[6292]

Holtenia (?)

324 fms.

no photo  
no frags

2 envelopes: original for Cambridge

Act Holtenia

324 fms

Poand Ex. 3

30.

6.

Litto all except:

29.

4.

not opened!

Probably  
Duck &  
Spic frags

[6290a]

Holtenia

1920 fms (115) [115]

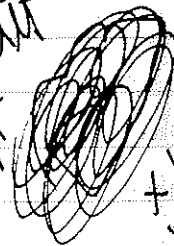
no photo  
no frags

A - antigen

Blake

[in a jar]

a  
Mottlet  
Tuff



+1  
No

Cab. VII tray 93 cont'd.

no photo  
no frags.

6406 (inclusive)? Pheronema annae Leidy

C.I.E. Blake 1878-9  
no. 134 248 fms  
St. Cruz

311

6 specimens,  
+ 2 frag  
~ 4" long

+ x x x 0

Dense! Hard  
Big Hurt spics.

no photo  
no frags

6406 (inclusive)? P. annae Leidy

ditto above!

11 specimens

+ x x x 0  
+ + +

" annal oval

no photo  
no frags

6406 P. annae Leidy

ditto above!

1 specimen.

+ x x x 0  
+ + +

5" annal -ouch's

no photo  
no frags.

6407 P. annae Leidy

Santa Cruz 248 fms

no. 315.

Blake

1-4" specimen.

+ x x x 0  
+ + +

Typical annal Ouch!

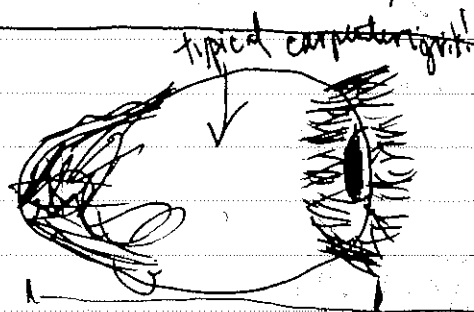
no photo  
no frags.

9020 Pheronema (Holtentia) carpenteri:

Wyv. Thomson

European seas - deep water

6 1/2"

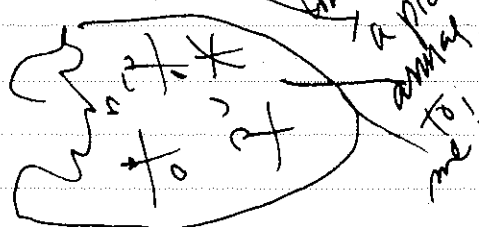


no photo  
no frags

6405 Pheronema sp.  
Bahia Honda 287 fms.

62 Agassiz  
N 21 1878 23 02 N  
83 23 W

← 5"



looks like a piece of annal to me!

No Body!

1 AUG  
1988

MCZ-2

Dry

Cab. VII tray 93 Cont'd.

6416

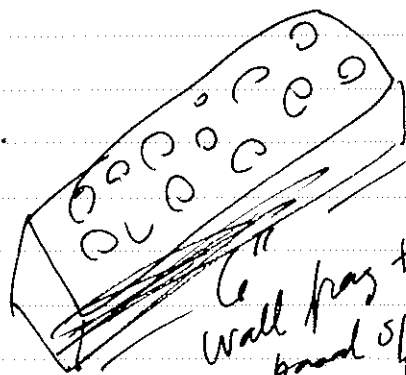
Polyopogon amadou?

200? 100 miles W. of Canaries

1500 fms "Challenger" Thomson.

Polyopogon amadou

no photo  
no frags



Wall frag +  
base spread  
Tuff.

END TRAY 93 || START TRAY 95

88-10-4.1

8067

Auloplegma lanterna Schmidt

(427)

40

1 photo

1 frag

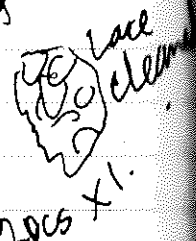
neg: 9:186:6:2

No. 427 Blake

A. Agassiz 1978

Auloplegma lanterna Sch.

Not spm 427!  
? maybe 40?  
Loc?



Both tie in  
but I missed 9/14

2 pcs X1.

88-10-4.2

9034

Auloplegma lanterna Schmidt

Blake (529)

529

1 photo

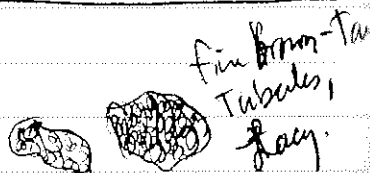
1 frag

neg: 9:186:6:3

529

Auloplegma lanterna Schmidt.

W.I. "Blake"



Add 3/14 - Both frags identical - prob from  
same spec - LONG DEAD!  
WASHED OUT!

88-10-4.3

6621

Periphragella elisae Marshall

4

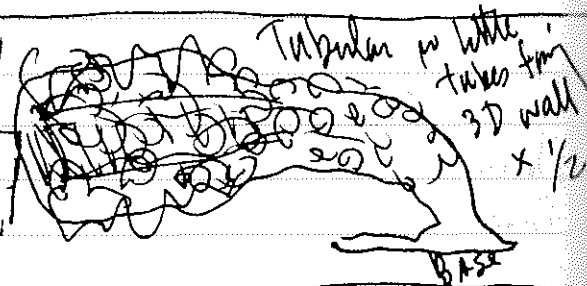
1 photo

2 frags

neg 9:186:6:4

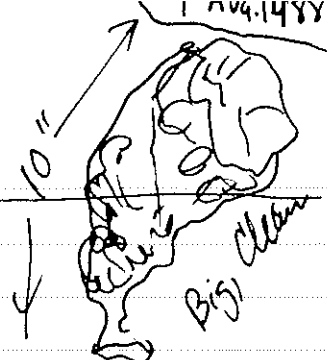
Periphragella elisae Marshall

6621



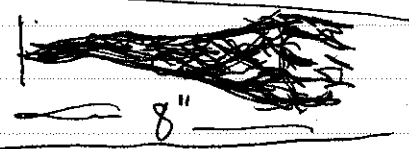
MCZ-2 Dry

Cab # tray 95 cont'd



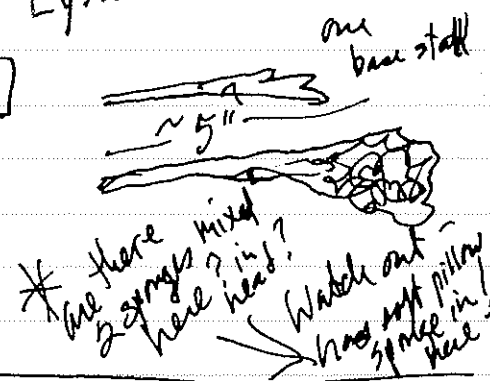
88-10-4.4 [9027] Periphragella elisae Marshall  
 3 photos neg Molluscas, Japan 80-200 fms  
 some frags 9:186:6:5 OC 5113  
 9:187:7:1+2

[9213] Rhabdopectella tintinnus  
 1 photo off Grenada, west Indies.  
 no frags. neg: 9:187:1:3 Vial? Lyssae



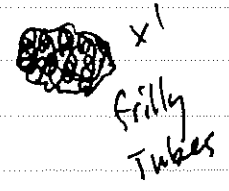
88-10-4.5 [6431] Rhabdopectella tintinnus Lyssae  
 1 photo 21° 43' N 994 fms  
 some frags 76° 33' W (88) [88]  
 neg: 9:187:1:4

Agassiz 1879 113  
~~260-284 fms~~  
 Grenada  
 108 994 F  
Rhabdopectella tintinnus N.



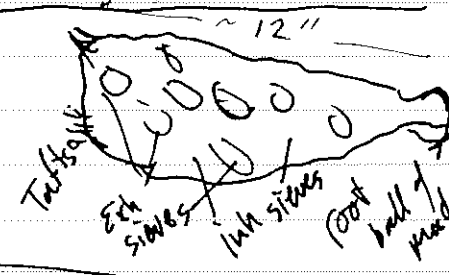
89-8-9.4 [6458] Scleroplegma lanterna Schmidt.  
 1 photo (228) [228]

no frags or is (Yes) neg: 9:187:1:5  
 M. Loom [276] Loose in the box B. Lee  
 (See 6460) - Prob. Cuba



[9019] Semperella claviformis Gray  
 2 photos Japan.

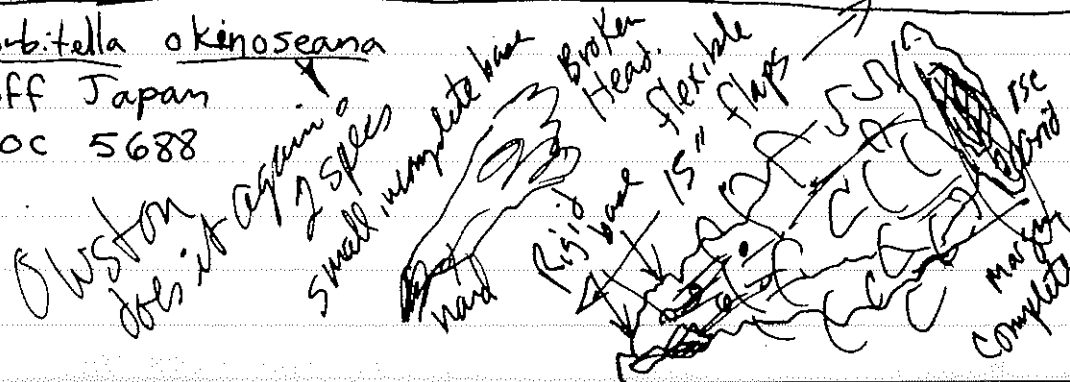
Myerina off Japan  
Semperella ? claviformis Gray



END TRAY 95 | START TRAY 96

3 photos [9214] Corbitella okinoseana  
 some frags off Japan  
 88-10-4.6 OC 5688

negs: 9:187:2:3-5



1 AUG  
1988

MCZ-2

DRY

Cab VII Tray 96 cont'd.

9210

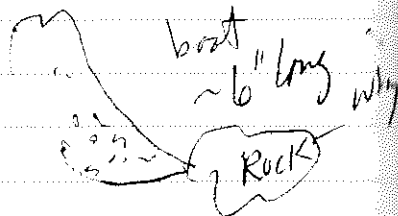
Rhabdocalyptus capillata

Sagami Bay, Japan

275-300 fms.

OC 5692.

no photo  
no frags



88-10-4.7

9212

Walteria leuckarti

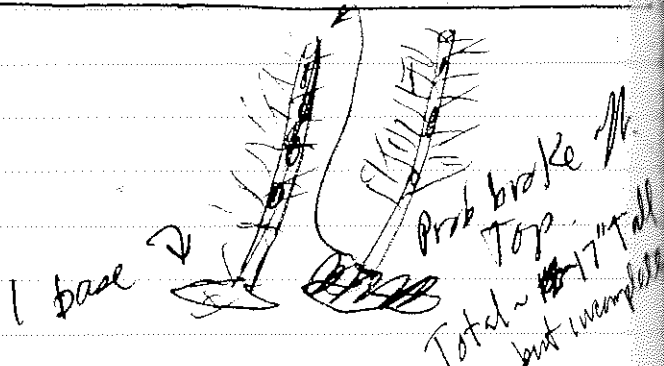
Sagami Bay, Japan

300-600 fms.

OC 5696

no photo  
some frags

Walteria leuckarti  
Sagami Bay, Japan  
300-600 fms.



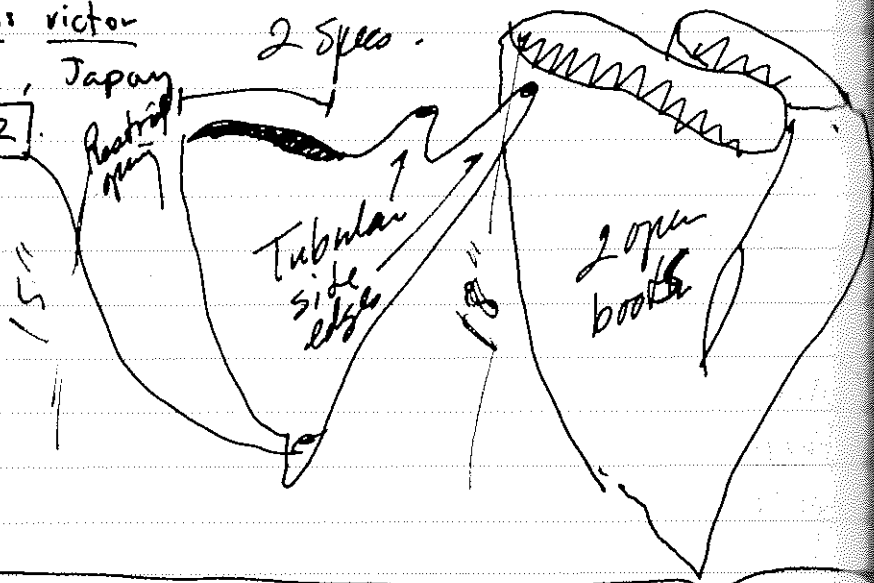
9220

Rhabdocalyptus victor

Sagami Bay, Japan

OC 5232

no photo  
no frags.



END TRAY 96

END OF 1 AUG. '88

END CABINET VII - NO HEXACTS IN CAB. VIII

CAB IX A, B - NO HEXACTS -- START CAB. IX C!

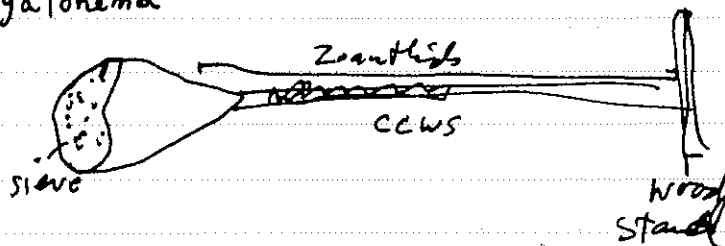
MCZ-2 Dry

2nd  
Aug.  
1988

Cab IX C TRAY 2

U-12-1 unidentified Hyalonema

1 photo -  
no frags. neg: 9:187:3:1

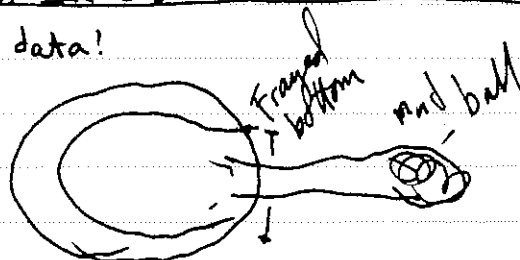


END CAB. IX C - START CAB. IX D P

88-10-4.8 U-12-2 Unidentified Hex - no data!

2 photos.  
some frags. neg: 9:187:3:2-3

a *Sericolophus*  
in Nice  
shape



U-12-3 Spicules of Hyalonema ~ 10 spicules ccws

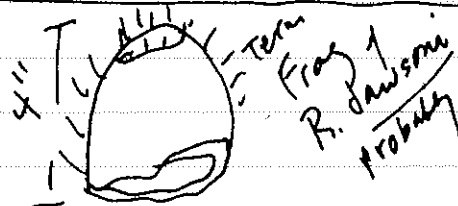
no photo  
no frags

CIE Blake 78-79  
no. 141 261 fms  
Santa Cruz

U-12-4a Unid. Hex.

no photo  
no frags

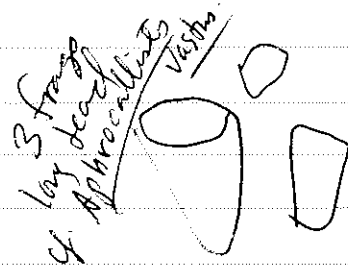
Sponge bank  
near Nanaimo B.C.  
17 fms.  
June 17, 1939 E.D.



U-12-4b Unid. Hex.

no photo  
no frags

Sponge bank  
near Nanaimo B.C.  
17 fms.  
June 17, 1939 E.D.



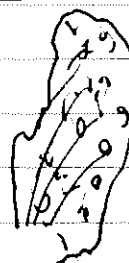
88-10-4.9 U-12-5 Unid. Hex.

1 photo  
frag  
neg: 9:187:3:4

No. 446 Blake  
Coll. A. Agassiz  
Guadeloupe 150 fms.  
Found dry, Sept. 1985

metal tag:  
446  
Ag. 19  
166 '93 150 F.

looks like a  
piece of very light  
Dactylohyal x 2  
1/2





2 AUG  
1998

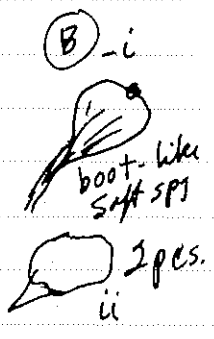
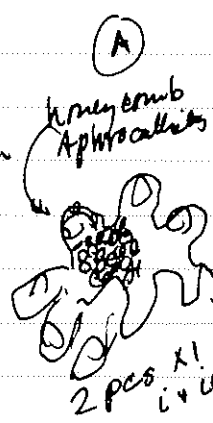
MCZ-2 dry

Cab. IX D TRAY I.

88-10-4.10<sup>18</sup> U-12-6<sup>18</sup> Unid. hex.

2 photos (each)  
1 frag each  
neg 9:187:3:5  
9:187:4:1

NO. CCCXVI 299 fms  
lat. 32 - 07 N.  
long. 78 - 37 W. = off  
Blake 1880  
found dry, Sept. 1985

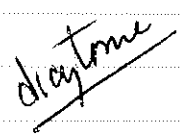


88-10-4.11 U-12-7 Unid. Hex.

1 photo  
1 frag each  
neg 9:187:4:2

Gulf Stream & Gulf of Mexico Exp.  
Blake 1878-79  
no. 224 114 fms.  
St. Vincent  
found dry, Sept. 1985.

6 fragments.

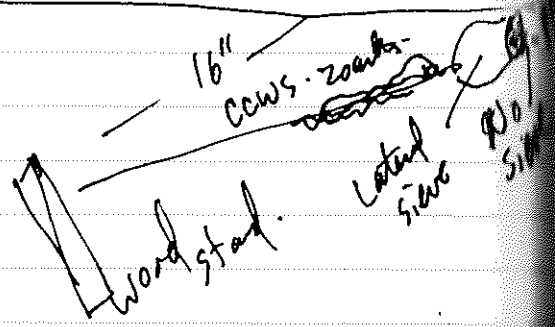


CAB IX E, F - NO HEXACTS! BEGIN CAB X TOP

6293 Hyalonema sieboldii Gray  
Enosima, Japan.

1 photo  
no frags  
neg: 9:187:4:3

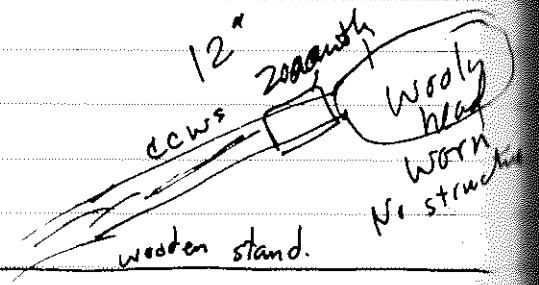
MCZ no. 3  
Hyalonema sieboldii Gray  
Enosima, Japan.



6294 Hyalonema sieboldii Gray  
Enosima, Japan.

1 photo  
no frags.  
neg 9:187:4:4

MCZ no. 4  
Hyalonema sieboldii Gray



MCZ-2 Jmj

2 AUG. 1988

Cab. X top - cont'd.

6305 Hyalonema siebaldii Gray

1 photo  
no frag  
neg: 9:187:4:5

CCWS Tight  
zoanthid

wooly head  
osc  
sieve  
part  
preserv  
zoanth in sockets



END Cab. X top -- NO HEXACTS IN CAB X A -- BEGIN CAB XB.

BEGIN TRAY 3 (211)

88-10-4.12

U-12-8

Unid. Hex.

no photo  
1 frag.

MCZ no 444  
Coll. A. Agassiz  
Blake 1878-79  
Guadeloupe 878 fms

Ag: 79  
144 99 878 fms  
metal tag:  
'444'



looks  
might  
like  
D. pumicum  
to me!  
(clean)

88-10-4.13

U-12-9

~~Hex~~ Rhabdactylon delicatum

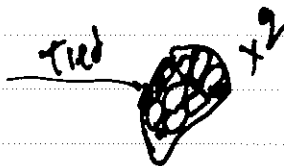
no photo  
some frags

2 diff  
subs of  
L. white

area no 236 Agassiz 1879  
1591 fms → 2.  
Bequia

C.I.E. Blake  
no. 236 1591 fms

metal tag  
291



? ← Lace - delicate  
Broken in pcs.

Agassiz 1879  
131 28  
580 FT  
Sta. Cruz

found dry,  
sept. 1985

88-10-4.14

U-12-10

Unid. Hex.

no photo  
3 frags

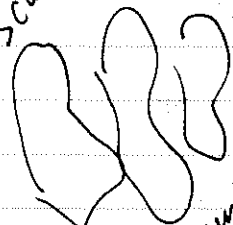
MCZ no. 398  
Coll: A. Agassiz  
Blake 1877-78  
Morro light 292 fms  
Stat. no. 16.

metal tag  
398

found dry,  
Sept. 1985

415

Me pes 2-3cm  
Prob. Dactyl. pumicum?



2 Aug.  
1988

MCZ-2

Cab X B Tray [3] (211) (cont'd)

no photo  
no frag.

U-12-10  
CB

*Syngidium zittelii*

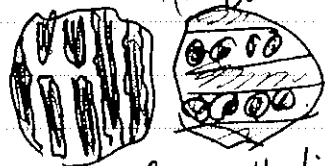
Agassiz 1978

= no 38 292 fms

Morro Light

metal tag  
428

found dry  
sept. 1985



It is indeed *S. zittelii*

END OF TRAY [3] (211) -- START TRAY [4] [212]

88-10-5.1

U-12-11

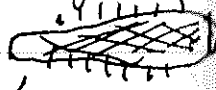
Unit. Hex.

1 photo  
1 frag

mag 9:187:5:1 - no data!

ouch

on plaster base maybe *Regadrella*  
4 spec 2-4"  
Complete - silens



88-10-5.2

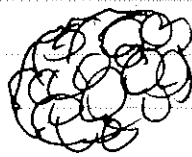
U-12-12

~~Favosites~~ *Favosites*

1 photo  
1 frag

mag 9:187:5:2 - no data!

Crude: *Aulocystis*  
prob *zittelii*



*Favosites facunda* Blake collect.  
[scratched in base]

*Hyalonema paliferum* Wilson.  
Albatross st. 4651  
forma C

*Rhabdocalyptus* Mollis  
Japanese seas

[these 2 labels were loose in tray [4] (211)]

END CAB X B -- CAB X C has no hexacts!

START CAB X D TRAY [1] (104)

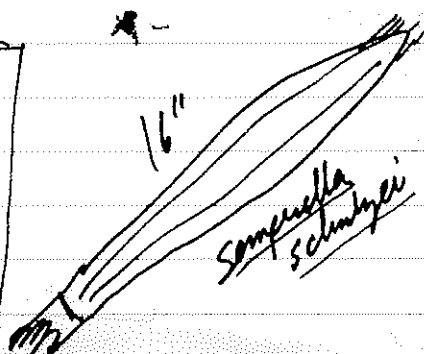
5101 S

Unit. Hex

1 photo w/ below  
no frags

mag: 9:187:5:3

January 30 1951  
two dry sponges from deep  
water Philippines  
W. Cameron Forbes  
c/o Vendome Hotel Boston



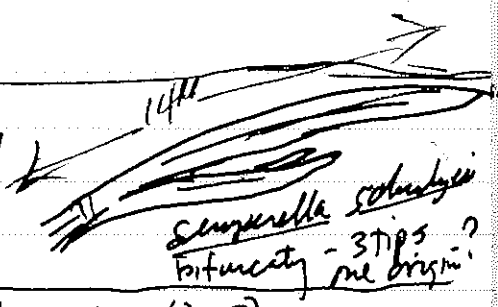
↑ Cab. X D tray [1] (104) cont'd

neg 9:187:5:3 [5101 T]

~~Hex~~ Unid. Hex.

1 photo w/above  
no frags.

Dry sponge Philippines  
W. Cameron Forbes.



~~END TRAY~~ END TRAY [1] (104) - start tray [2] (105).

88-10-5.3 [U-12-13]

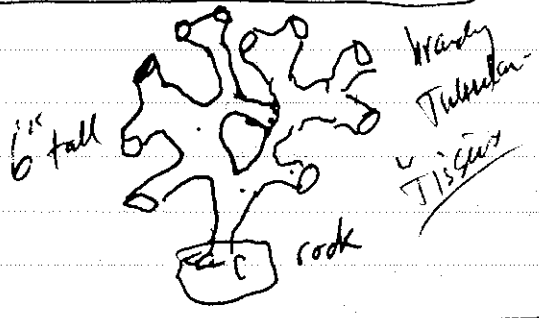
Unid. Hex.

1 photo  
1 frags.

- no data!

neg 9:187:5:4

? Maybe on O.C. *Gymmodictyon?*



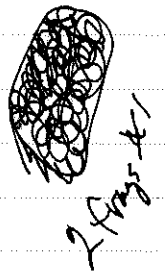
[8166] *Dactylocalex*

no photo  
no frag

(fragments)  
Havanna 242 fms.  
(415)

MCZ no. 415  
Coll. Sigsbee  
(Blake)  
243-450 fms

metal tag:  
[405]



END CAB. X D -- END OF CAB. X

BEGIN DRY TYPES: SHELF [1.3] TYPES

88-10-5.4 [6342]

*Margaritella coeloptychoides*

2 photo  
1 frag

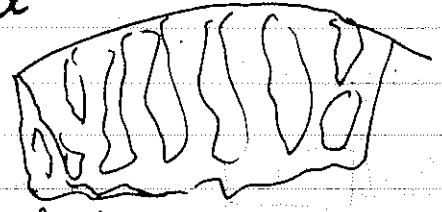
Labs. of Havanna 158 fms.  
Sigsbee ? Blake

Holotype and Genotype

neg: 9:187:5:5  
x: 6:1

[1878]  
*Margaritella filigrossa*  
*coeloptychoides*

[961]



broken edge of a large bowl: X1  
Nice.

88-10-5.5 [6453]

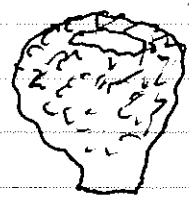
*Scleroplegma conicum* Schmidt

2 photo  
no frags

off Marro Light sta. No.!

Agassiz 1877 [N. 16] 292 fms.

Blake Ex. COTYPE



Cup-vent  
x1.  
Not Lychnisk

Not fig'd specimen.

2 AUG.  
1988

MCZ-2

# TYPES

## DRY TYPES SHELF [3] cont'd.

? 2 pcs - Crin. tube cut

88-10-5.6

6454

Scleroplegma conicum Schmidt.

2 photo

2 frags

Gulf of Mexico

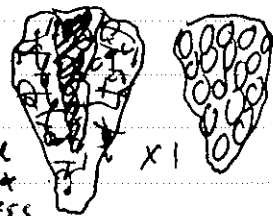
Ag. 1878

206

neg: 9:187:6:4.5 Co-TYPE

(206)

Probably 2 separate specimens here. 1/2 looks like fig. Type + FES.



## END SHELF [3] -- START SHELF [4]

88-10-5.7

6456

Scleroplegma lanterna Schmidt.

2 photos

some frag

Roll 11 END  
Roll 12 START

Morro Light. 292 fms

227

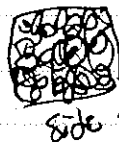
1878 (227) Co-TYPE

neg 9:188:1:5  
" 2:1

Autoplegma<sup>sclero</sup> Lanterna  
1878

prob 1. sta 16

a section of a tubular spm



x1

89-8-9.2

6457

Scleroplegma lanterna Schmidt.

no photo

no frags

23 04' N

Sta #

74. Agassiz 1878

320 fms.

74. Agassiz  
1878  
320 fms.  
= = 79

Co-TYPE

Prob sta 17  
Cuba



2 pcs  
'Loag' frags

88-10-5.8

6459

Scleroplegma lanterna Schmidt.

1 photo

3 frags

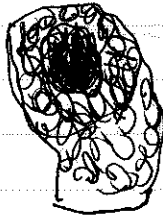
Caribbean Sea

230

(230) Co-TYPE

neg: 9:188:2:2

Vessel?  
Loc?!



x1  
Tubular.  
No hyaline band  
may have tissue

88-10-5.9

6093

Cyathella lutea Schmidt

1 photo

2 frags

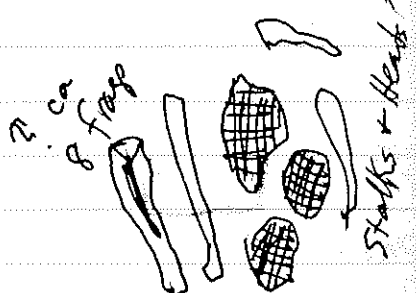
Bequia 1507 fms

135

HOLOTYPE

neg: 9:188:2:3

Vessel?

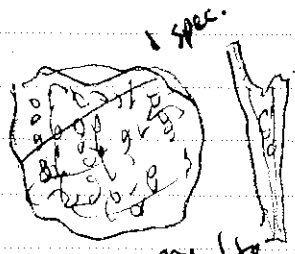




# TYPES

## DRY TYPES SHELF 4 Cont'd

88-10-5.10 [8214] *Diplacodium mixtum* Schmidt  
 2 photos  
 1 frag  
 Lat. 25° 33' N. metal tag:  
 Long, 83° 21' W. [430]  
 Blake 101 fms.  
 mesp: 9:188:2:405 A. Agassiz (430)  
 TYPE



Yucky muddy. Dirty red plate

[near Tortugas]

[U-12-14] *Heteropogma nodus-gordii* Pol. (specimen missing)

no photo  
 no fragm.

*Heteropogma nodus-gordii* Pol.  
 Torres st. (568)  
 Challenger Collec.  
 (B.M. 27)

V. U. C.  
 Zoology Dept.  
 Syntype  
 (merotype)

Found broken, coverslip and part of slide missing -- Feb. 1986. Was wrapped in enclosed index card, and found in file cabinet in room B-5 of MCZ labs! Nothing found on slide.

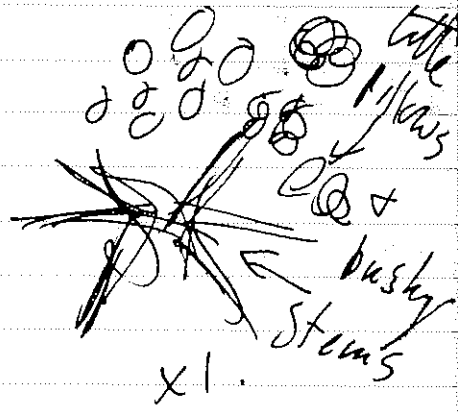
~~Name Unknown~~

No spec  
 Broken w/ labels  
 slide only

END SHELF 4 - BEGIN SHELF 5

88-10-5.11 [6429] *Rhabdoplectella tintinus*  
 1 photo  
 3 frags  
 Barbados sta. 273  
 1878-79 103 fms.  
 Ag 79 150 COTYPE  
 CIE Blake 78-79 [382]  
 Barbados  
 CIE BLAKE 78-79  
 3 cobbles of spiracles  
 no. 260 29 fms.  
 Grenada

(LYSSAC)



wt type

w uc

so.

back  
 155



2 Aug.  
1988

# MCZ-TYPES

DRY TYPE CAB. SHELF 5 CONTD

88-10-6.1 | 6594

*Syringidium zittelii* Schmidt

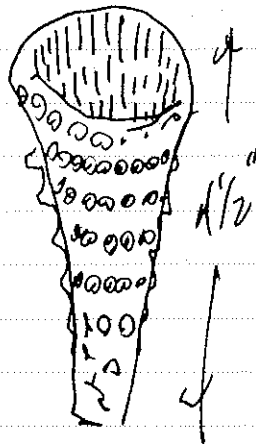
2 photo  
1 frag

Guadeloupe  
101 fms. (283)

CO-TYPE

Ag. 79 | 283  
169

*Syringidium zittelii* O.S.  
Guadeloupe, 101 fms Blake Exp.



mess: 9:188:3:2+3

88-10-6.2 | 6460

*Scleroplegma seriatum* Schmidt.

1 photo  
3 frag

off Marro Castle 250-300 fms.

2 specimens - Ag. 79 151, (N. 100)

CO-type (276)

SM No.

2 pcs x1

smaller  
w/ spics? 7



Not Lychmiae!

5 or 6 in Lm  
washed out.

mess 9:188:3:4

6291

*Holtentia saccus* Schmidt

no photo  
no frag

Florida, 1870

(Lys)

HOLOTYPE ?

a soft pile of spicules:



89-8-9.3 | 6645

*Volvulina sigsbeeii* Schmidt

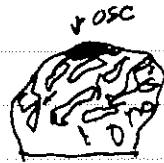
1 photo  
no frag

No Data

CO-type.



x1



grooves

mess 9:188:3:5

88-10-6.3 | 6646

*Volvulina sigsbeeii* Schmidt

2 photo  
3 frag

Martinique 136 fms.

(162)

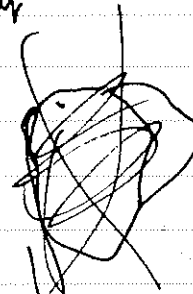
Ag. 79

162

198 104  
136 fms  
Martinique

Big No. m  
Ribbon

1 pe tube cut in half



W Tissues



one side  
outward

gills  
&  
ridges

(I see No type Notation)

# TYPES MCZ-2

2 Aug. 1988

DRY TYPE CAB. SHELF 5 CONT'D.

88-10-6.4

6647

*Volvulina sigsbeeii* Schmidt

(160)

161 ← MCZ No

1 photo  
1 frag

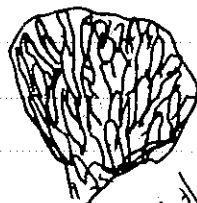
msg 9: 188:4:3

Sta No →

Ag. 79 N. 53  
N. 269 128 Fd  
St. Vincent

Ag. 79 N. 79  
113

(No Type Notation recorded)



White, clean!  
No spines!

88-10-6.5

6651

*Volvulina sigsbeeii* Schmidt.

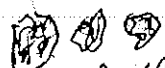
\* See Label over →

no photo  
1 frag

Barbados 100 fms

101

Ag. 1878 Co-type  
(101)



3 frags  
w spines!

88-10-6.6

6652

*Volvulina sigsbeeii* Schmidt

white skeletal balls

1 photo  
1 frag

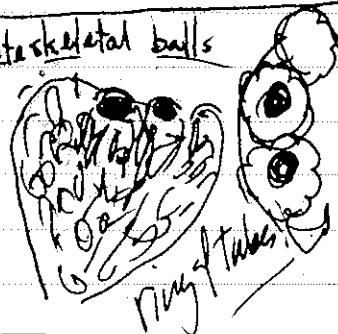
St. Vincent 129 fms.

225

225 Co-type.

msg 9: 188:4:4+5

Ag. 79  
153



Ring of tubes!

89-8-9.1

6654

*Volvulina sigsbeeii* Schmidt.

Near Havana

no photos  
no frag

23° 01' N. 83° 19' W.

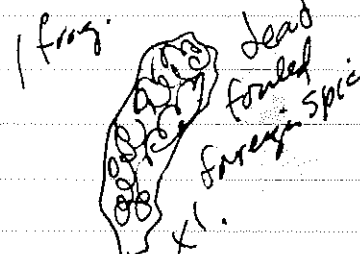
Ag. 1878-79 190 fms.

(213) Co-TYPE (213)

Ag. 77-78 190 Fd

23, 1 N  
83, 14 W

off Cuba



1 frag.  
Dead foaled foreign species

88-10-6.7

6655

*Volvulina sigsbeeii* Schmidt.

In a glass tube!

1 photo  
some frags

Mexico Gulf (77)

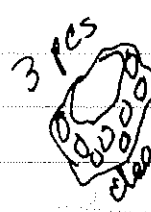
77

msg 9: 188:5:1

Where is "type" designation? & found none!

Vessel

Date?



3 pcs  
clean these do  
74 stuff maybe tissue  
Look of flange  
2 small ones  
1 bygone

2 AUG.  
1989

# TYPES MCZ-2

DRY TYPE CAB SHELF [5] cont'd.

Label in tray w/ *V. sigsbeeii* types: see above ↑

Enclosed  
Label

Volvulina  
*V. sigsbeeii* Sch. 1980, 58, pl. 3.14; 15  
 4.6, 6.6.  
 Barbados, 100 fm.  
 22° 09' 30N, 82° 23' W. 158 A ← 6721 S  
 Morro Light 292 fm ← 6721 R  
 St. Vincent 124 fm ?

← 6651 TYPE

There are No live specimens that can be Id' to These Loc's but Non Types fit

88-10-6.8

[6290]

*Holttonia psautalesii* Schmidt

Sombreno, Fla.  
 1868 262 fms.  
 U.S. Coast Survey  
 Co-type.

Dredgings of: 1868 May 1

1 photo  
some frags

neg 9:188:5:2

Amphii

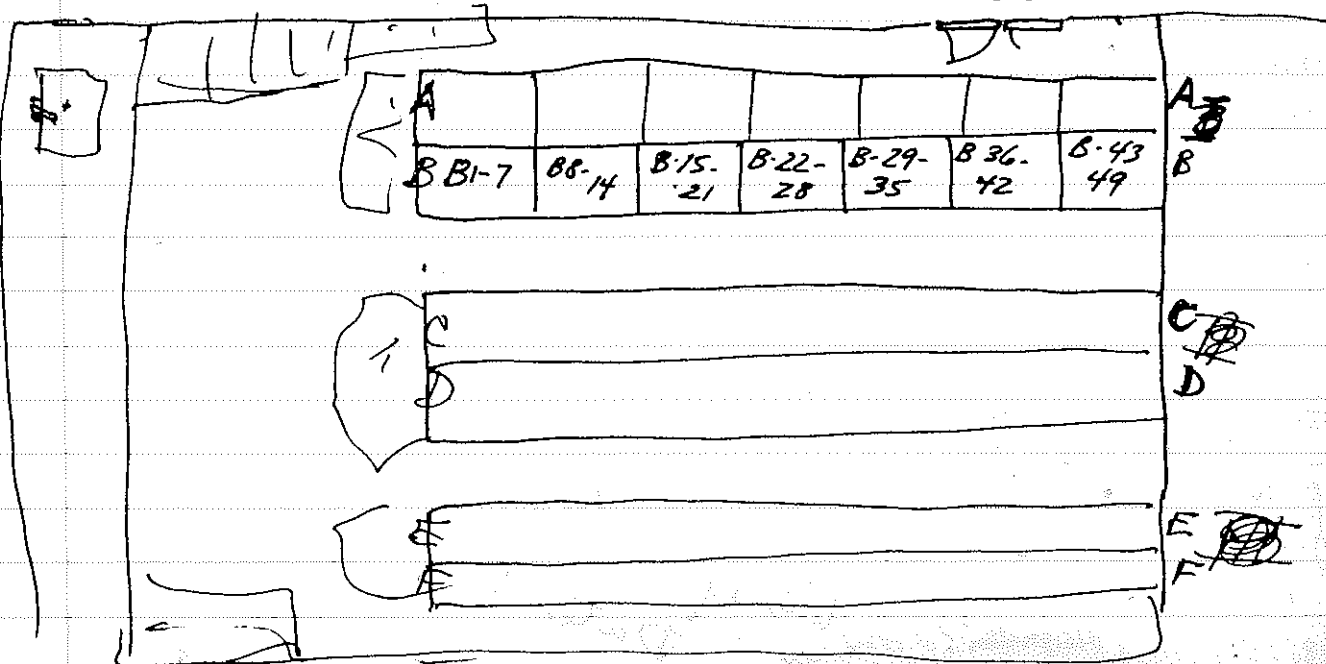
Woody pad  
no large spined  
irregular  
much injured.



TYPE [6108] ← Added from Dry Collector *Dactylocalyx potatorum*

WET COLL MCZ Lab Bld

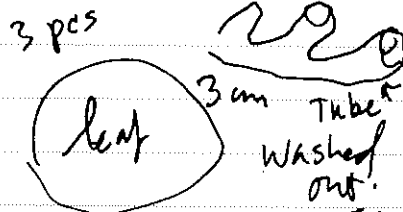
Room  
8B5



B1	B3	B5	B22	B29	36 A B C	43
B2				30	37 A B C	44
B3				31 A B C	38 A B C	45
B4				32 A B C	39 A B C	46
B5				33 A B C	40 A B C	47
B6				34 A B C	41 A B C	48
B7				35 BIG JARS	42 BIG JARS!	49

START SHELF B31 TRAY A

6904f Farrea sp.  
St. Cruz 580 fms.  
Blake 1878-79  
no. 131 (320)

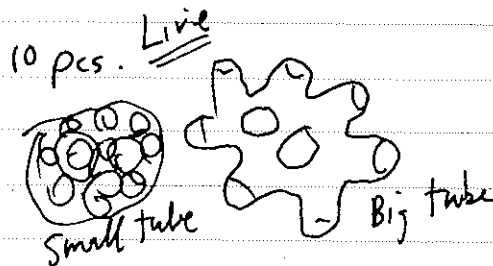


no photo  
no frags

metal tag: 320

88-10-6.9

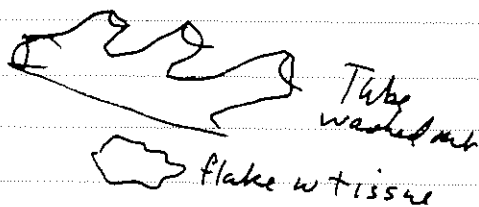
6721a Farrea facunda  
a Guadeloupe  
150 fms.  
Blake 166  
CIE Blake 1878-9



1 photo  
some frags

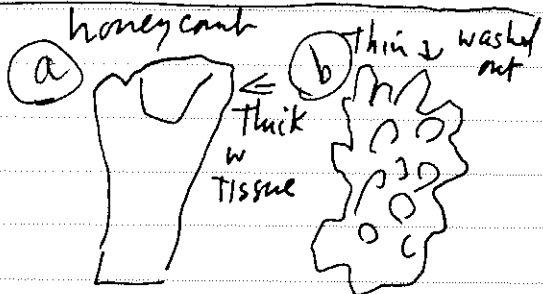
neg 9:188:5:3

6711s Farrea facunda  
Fredrickstaed 625 fms  
Blake 137.  
CIE BLAKE 1878-9  
Stat. no. 137



88-10-6.10

8028 Aphrocallistes bocagei  
(553)  
M.C.Z. no. 553  
coll. A. Agassiz 1879



1 photo  
1 frags each.

neg 9:188:5:4

3 Aug  
1988

MCZ-2

WET

SHELF B31 TRAY A cont'd.


6711

Farrea sp.

Albatross sta. 3425

US.F.C. 'Albatross' 1891

no photo  
no frag

  
Tubers washed out

88-10-7.1

67216

Farrea occa Carter

off Morro Castle

250-300 fms.

Martinique Ag. 79

169 fd. 70

218 fd St. Cruz

Ag. 79

89

166 150 fd  
Guadeloupe

Ag. 79

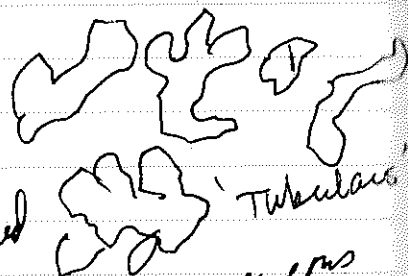
129 250 fd  
400

off Morro Castle

1 photo  
3 frags

msg 9:188:5:5

Labels on  
individual  
pes  
but  
several  
un-aligned  
in Jpr.



Tubular  
heterogeneous  
sets - most w  
tissue

6711r

Farrea facunda

Grenada 291 fms

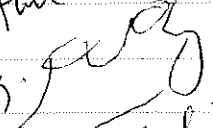
Blake 260

C.I.E. 'Blake' 1878-9

Stat. no. 260

coll. A. Agassiz

no photo  
no frag

made tube  
frag.   
washed out

6711L

Farrea facunda

St. Vincent 88 fms.

Blake 232

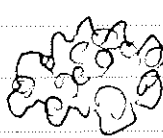
Ag. 1878-9

CIE Blake

stat. 232

coll. A. Agassiz

no photo  
no frag

 Fine tube frag  
~ 4 pes.

MCZ-2 WET

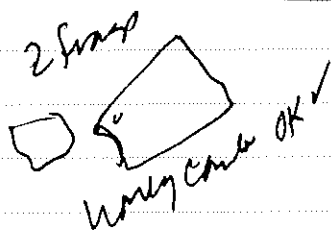
3 Aug  
1998

shelf B31 tray A cont'd.

no photo  
no frag.

8033 *Aphrocallistes bocagei*  
Grenada 291 fms.

coll: A. Agassiz  
CIE Blake 1978-9  
no. 260



no photo  
no frag.

6721 c *Farrea* sp.  
between Talcahuano & Juan Fernandez  
2410 fms.

Hassler (469)  
Coll. L. Agassiz.  
Hassler exp. no. 469



mini flake  
washed out

no photo,  
no frag.

6721 d *Farrea* sp.  
4 mi. from Havana  
805 fms. Blake sta. 2.  
(202)

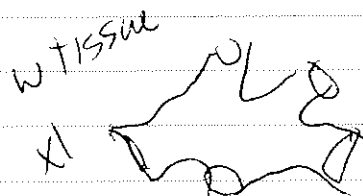
Gulf Stream & Gulf of Mexico  
Exp. 1877-78



no photo  
no frag

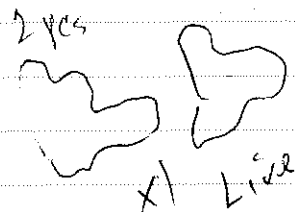
6711 k *Farrea facunda*  
Montserrat 120 fms.  
Blake 157  
Ag. 1978-79

Stat. no. 157.



no photo  
no frag

6711 e *Farrea facunda*  
Guadeloupe 150 fms.  
CIE Blake stat. 154  
A. Agassiz 1878-9





3 Aug.  
1989

MCZ-2

WET

SHELF B31 TRAY A cont'd

no photo  
no frag

6857

Farrea facunda Schm.

off cojima, cuba 450 fms.

Poortales

March 4, 1869

(44)

Cast no. 1

metal frag

44

? minute if any there -  
couldn't see it by eye.  
didn't really see it

no photo  
no frag

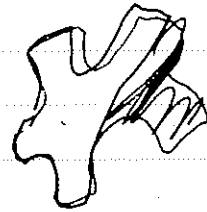
6711o

Farrea facunda

Martinique 472 fms.

CIE Blake stat. 200.

A. Agassiz 1878-9



1 pc washed out

88-10-7.2

6711g

Farrea facunda

Guadeloupe 62-180 fms.

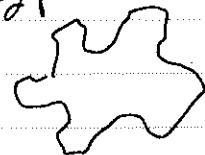
CIE Blake 172

1 photo

1 frag

neg 9: 188: 6:1

2 pcs



2 pcs

Alive.

88-10-7.3

6711i

Farrea facunda

Martinique 189 fms.

CIE Blake Stat. 209

Ag. 1878-9

no photo

1 frag & (? Volvulina)

pc taken if

Mixed bag - 80% Hemp  
Some Volvulina  
Some other stuff  
+ even some Farrea facunda

no photo  
no frag

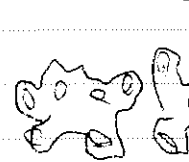
6711y

Farrea facunda

Barbadoes 84-125 fms.

CIE BLAKE 296

1878-9



fine take Farrea Alive.

88-10-7.4

6711n

Farrea facunda

St. Vincent 88 fms

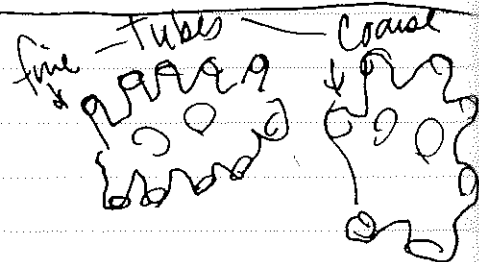
CIE BLAKE<sup>sta</sup> 232

Ag. 78-79

1 photo  
3 frag.

neg 9: 188: 6:2

most Alive



fine tubes

Coastal

SHELF B31-TRAY [A] CONT'D.

88-10-7.5

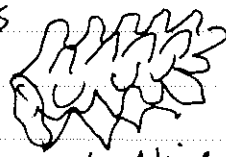
[8026]

*Aphrocallistes bocagei*

1 photo  
4 frag.

St. Lucia 164 fms.  
CIE BLAKE 1878-9  
sta. no. 218

~ 10 pcs  
fine  
Hancock  
most alive



neg 9:188:6:3

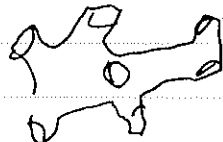
[6721]

*Farrea facunda*

2 pcs Live.

no photo  
no frag

Barbados 103 fms.  
Blake exp. 1878-79  
(282)



metal tag: [282]

no photo  
no frag

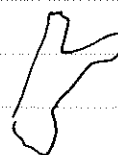
[6711u]

*Farrea facunda*

Lead  
Found.

Barbadoes 399 fms.  
CIE Blake sta. 288

A. Agassiz  
1878-9



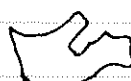
no frags  
no photo.

[6711m]

*Farrea facunda*

Lead  
Yucky

Montserrat 298 fms.  
CIE Blake sta. 154  
A. Agassiz 1878-9



no frags  
no photo

[6864]

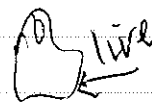
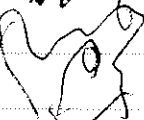
*Farrea facunda* Schm.

Both  
live  
Vessel?  
2 pcs  
live

Key west, Fla. 120 fms. (13)

derauf *Desmarella vagabunda*

metal  
tag:  
[13]



no photo  
no frags

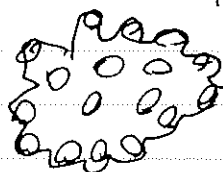
[6711v]

*Farrea facunda*

1 pc  
Live  
nice.

Barbadoes 73 fms  
Blake 290 (CIE)

A. Agassiz 1878-79



3 Aug.  
1988

MCZ-2  
wet

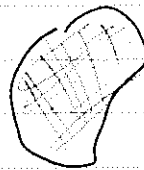
SHELF B31-TRAY [A] CONTD.

no photos  
no frags

6721 f

Farrea sp.  
21° 43' N. 76° 33' W  
994 fms.  
Blake 1879 (248)

N of  
Cuba



2 flake Kipples  
2x3 cm  
Washed mt.

108 Aug. 1879 - Metal: [248]

no photos  
no frags

6742

Farrea facunda  
St. Vincent 98 fms.

CIE BLAKE no. 282

Claviscopulia intermedia P.E. Sd.  
Blake. St. Vincent

1 pc  
? A live  
Prob Halotippe

no photo  
no frags.

6721 e

Farrea sp. Cuba  
4 mi. off Morris Light  
805 fms.  
Gulf stream & Gulf of Mexico Exp.  
Blake sta. 2 1878 (249)

7 pcs  
dead frag mos!

Aug. 1878 292 fa near Morris Light ← tied onto small specimen.

no photo  
no frags

6711 p

Farrea facunda  
Montserrat 298 fms  
CIE Blake sta. 154

A. Agassiz  
1878-9

2 pcs live  
Nice

14 photo  
some frags

6711 z

Farrea facunda Sch.  
-no data! neg: 9:188:54

Large Jar of 2 pcs  
good live pcs - Nice!

no photo  
no frags

6711 w

Farrea facunda  
Dominica 542 fms.  
Stat. CIE Blake no. 190.

2 mini flakes  
dead?

MCZ-2 wet

RG: Rubber Gasket } 3  
GS: Glass stopper } Aug. 1998  
SC: Screw cap.

SHELF B31-TRAY A CONT'D.

no photo  
no frag.

6711x

Farrea facunda

Martinique 189 fms.

CIE BLAKE no. 209

4 pcs in large jar  
turning tubes  
Small Large Size - Alive.

no photo  
no frags.

6711j

Farrea facunda

St. Lucia 154 fms.

C.I.E. BLAKE stat. no. 216.

Aq. 1878-79.

Large Jar  
Small frags ~ 40  
must Live.

END TRAY A -- BEGIN TRAY B!

88-10-7.6

6181j

Rhabdopectella tintinnus Sch.

Grenada 291 fms.

CIE BLAKE (1878-79)

no. 260

3 cobbles of  
spicules

Large RG jar

~ 1000 small  
balls  
+ frags.

no photos  
some frags

no photo  
no frags

6181f

Euplectella

Guadeloupe 878 fms.

CIE BLAKE sta. 174.

1878-79

A. Agassiz

Euplectella (spicules)

[Small 'gs']

Mix of spics  
vs string  
yuck

no photo  
no frags

6721g

Volvulina sigsbeeii Sch.

Barbados 100 fms.

Hassler (327)

Coll. A. Agassiz (Blake) (1878-9)

Volvulina sigsbeeii Sch.

Cariacou, Grenadines

163 fms.

Stat. no. 241

CIE BLAKE

1878-79

no 241 163 fms.

Cariacou

[Small 'gs']

volvulina in label. PKG  
+ loose  
pcs of  
Farrea  
etc

3 AUG.  
1988

MCZ-2 wet

SHELF B31 TRAY B CONT'D

88-10-7.7

6797

Diaretola cornu Sch.

[small 'gs']

1 photo

1 frag

neg 9:188:6:5

lat. 37° 42' S. 44 fms.

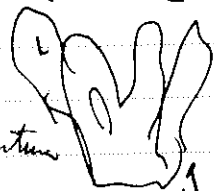
long. 56° 20' W. (322)

Hassler Exp.

Coll. L. Agassiz

metal: 322

off Argentina



Soft Dark Brown

88-10-7.8

6181i

Eurete marshalli

Small 'gs'

1 photo

2 frag

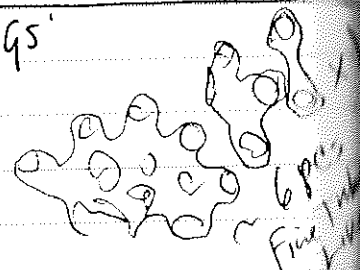
neg 9:189:1:1

Blake

Ag. 79

134 106 248 Fd.

St. Cruz.



6 pieces Fine texture

6790

Sympergella nux

sm. 'gs'

no photo

no frags.

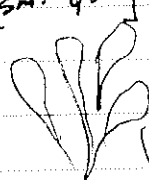
found with 3 labels

1. off sand Key. 100 fms.

2. May 11, 1868 - 123 fms.

3. May 6, 1868 - 98 fms.

? Blake



heads stalks look like

6787

Sympagella nux

[small 'gs']

1 photo

no frags.

neg 9:189:1:2

Alligator reef 11 fms

51

[metal tag: 51]

? Blake

#heads similar to stalks good shape

6181b

Euplectella jovis

[large 'rg']

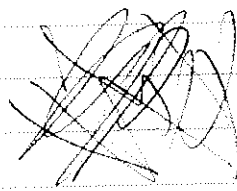
no photo

no frag.

Guadeloupe 734 fms

Blake sta. 173

1878-79 C.I. Exp.



messy spics

6181a

Euplectella jovis Schm.

[big 'rg']

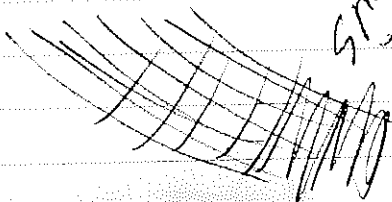
no photo

no frag.

Dominique 824 fms.

CIE Blake sta. 179

Ag. 1878-9



grid 1/5 x 1/2

SHELF B31 TRAY B CONT'D.

6861

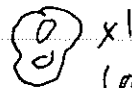
Volvulina sp.

sm. 'GS'

no photo  
no frag.

Grenadines 164 fms.  
CIE Blake sta. 240

1878-9 Probably fragment of  
Volvulina but doubtful.



x1  
looks more  
like Mytilus  
to me.

88-10-7.9

6818

Volvulina sigsbeeii

sm. 'GS'

no photo  
2 frags.

St. Cruz 218 fms.  
CIE Blake stat. no 139

1878-9  
FOUND DRV NOV. 20, 1940



small pc  
of thick wall  
& 2 tubercles?  
? maybe  
Pentaphragm

6754

Sympagella

(small 'GS')

no photo  
no frags

Guadeloupe 183 fms  
Blake Exp 1979.

Ag. 79  
171 49 183 fm  
Guadeloupe

2 brands  
some part  
maybe alive  
most dead



6852

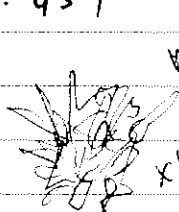
Sympagella mix

sm. 'GS'

no photo  
no frags

off Boca Grande 125 fms.  
Poustaes Feb. 15, 1869  
(56)

Gulf stream Explor.  
Case no. 5



MISC beat up  
frag  
x1

88-10-7.10

6721g

Volvulina sigsbeeii Sch.

sm. 'GS'

1 photo  
frags

g

Barbadoes 100 fms.  
Hasler (327)

13.

neg 9:189:1:3

Coll. L. Agassiz no. 327

327

metal 5



14mm





SHELF B31 TRAY B CONT'D.

no photo  
no frags

6721 y Myliusia  
Barbadoes 125 fms.  
(544) Blake?


small 'gs'  
2 minifrage  
x1

88-10-8.3 6721 s Volvulina sigsbeeii  
22° 09' 30" 82° 23' W 69 Agassiz  
158 fms 1878  
Blake 1878  
Sigsbee (458)

S coast Cuba sm. 'gs'

1 photo  
1 frags


neg: 9:189:2:2

 x1  
1 pc Live

6721 t Sympagella nux  
24° 17 1/2' N 82° 9' W  
137 fms.  
Blake 1877-8  
(489)

sm. 'gs'

no photo  
no frags

 x1

Gulf Stream & Gulf of Mex. Exp.  
Blake No. 6

88-10-8.4 6721 p Volvulina sigsbeeii metal  
24° 15' N 82° 13' W 194  
152-229 fms.  
Blake (194)

sm. 'gs' 1/2 left in vial  
~ 6 pcs

1 photo  
1 frag of each near Cuba i =

neg 9:189:2:3

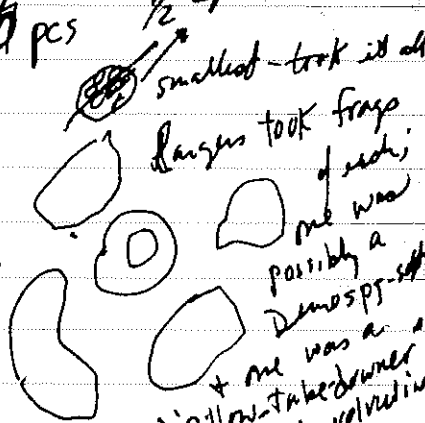
Dredge no. 5, June 4

43 Agassiz 1878 44 Agassiz 1878 iv  
Lat 25 38 N 101 fm lat 23 25 N  
long 83 1 W = # 69 long 83 11 W

Tortugas = ii

Cuba iii

Ag. 1878 near morro light 292 Ft 63 Agassiz 1878 95 F v  
N 22 23 13 W m Cuba  
80 05 W



largest took frags of each; one was possibly a Demospt. + one was a Pillus. take downer + Prob Not volvulin. so well.

All others used for Boiling HAD3

3 AUG.  
1988

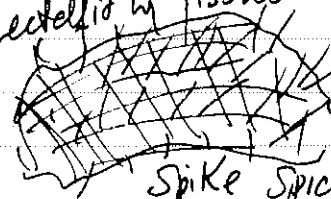
MCZ-2 Welt

SHELF B31 - TRAY [B] CONT'D

no photo  
no frag.

6181d *Euplectella jovis* Schm.  
Guadeloupe 734 fms.  
CIE. Blake st. 162  
1878-79

(big 'RG')  
*Euplectella* id by TISSUE - Beat  
Beat Bar. flat  
Spike Spicules  
x 1/4



88-10-8.6  
no photo  
2 frags

6181k *Euplectella jovis* Sdv.  
Martinique 334 fms.  
Blake sta. 205  
1878-9 CIE Exp.

(20 'RG')  
~ 1 1/2 l of frags  
no obvious spines -  
∴ doubtful id.

88-10-8.7  
no photo  
1 frags

6731 *Myliusia* sp.  
24° 15' N 152-229 fm  
82° 13' W A. Agassiz  
(435)

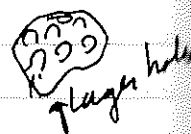
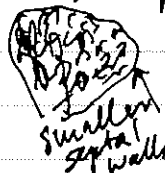
1/2 Wagon  
Cuba/Florida  
small 'GS'  
my frag dried before  
relabelling.  
NOT *Myliusia*  
x1  
(Neo) *Aulocystis* - Lychnisks!

Ar. 79  
MEX.  
~~1878-9~~ 60f

88-10-8.8  
1 photo  
1 frag each  
mes 9:189:2:4

6721u *Scleroplegma lanterna* Sch.  
St. Cruz 218 fms.  
CIE BLAKE sta. 139  
1878-9

1 sm. 'GS'  
2 pics x 1  
smaller septal walls  
plage hole



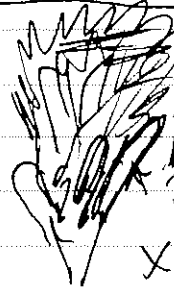
88-10-8.9  
1 photo  
2 frag.  
mes 9:189:2:5

6181c *Hertwigia falcifera*  
Dominique 611 fms.  
Blake sta. 175  
CIE BLAKE 1878  
no. 175 611 fms  
Dominica

In same bottle  
with 247 but  
with no cat. number  
*Hertwigia falcifera*

*Geodia* is also present,  
w/ its own labels.

1/9 'RG'  
Spicule shell  
Jokes  
x 2/3



END TRAY [B] -- START AREA [C] [to side of trays A & B.]

MCZ-2 wet

3 AUG 1988

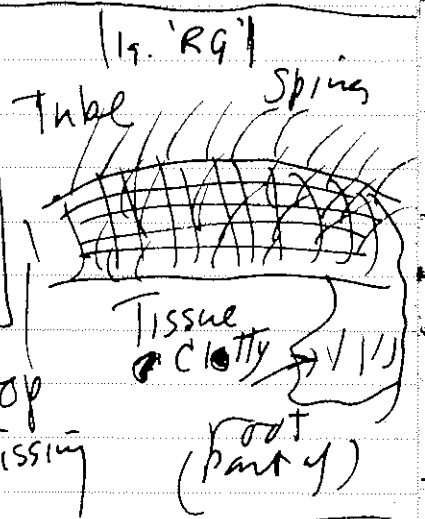
SHELF B31 - AREA C

1 photo  
1 frag  
88-10-8.10

neg 9:189:3:5

U-13:1 *Euplectella subarea*  
Bahamas: tongue of the ocean.  
TOTO 9.xi.1978  
DIVE 849 Depth 2066 meters  
24° 53.2' N, 77° 40.2 W  
Rec'd from R. Turner, oct. 1987

TOTO Nov. 9, 1978  
DIVE 849 Depth 2055  
Gluteraldehyde

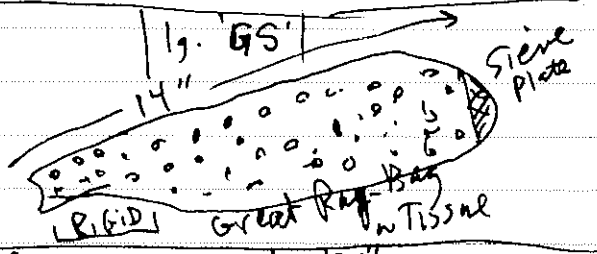


END ROLL 12  
START ROLL 13

88-10-8.11 6721x

1 photo  
3 frag  
neg 9:189:4:1

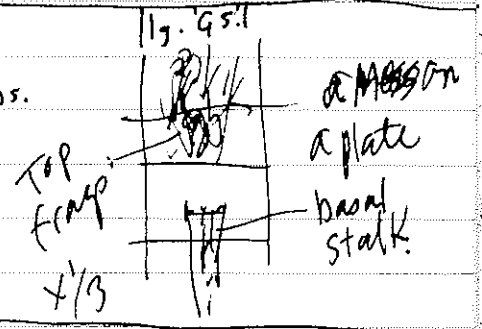
*Regadrella phoenix* Sch.  
Dominique 524 fms.  
Blake no. 190 CIEp  
1878-9.



6840

no photo  
no frag

*Holascella taraxacum*. Ldf.  
5° 17' S 85° 20' W. 2235 fms.  
Albatross sta. 4649  
Nov. 10, 1904



END SHELF B31 START SHELF B32 TRAY A

88-10-8.12 8048

no photo  
2 frags

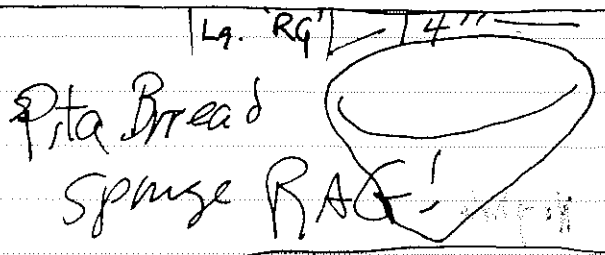
*Asconema kentii* Schmidt.  
(355) Vessel?

1g. 'RG'  
3 liters of Goopy Spg  
Egg foo Yung.

88-10-9.1 8050

1 photo  
1 frag  
neg 9:189:4:2

*Asconema kentii* Schmidt  
Grenada 416 fms.  
CIE Blake stat no. 264



3 AUG.  
1988

MCZ-2 wet

SHELF B32 - TRAY A CONT'D.

8046 Asconema kentii Schmidt  
(449) No. 449

no photo  
no frag

used?

luteolus (lg. 'RG')  
~ 12 inch funnel  
med brownish  
delicate

88-10-92 8052 Asconema kentii Schmidt  
18° 51' N 903 fms.  
83° 07' W  
(534)

(lg. 'RG')

White rag funnel  
Delicate

coll. J.R. Bartlett (Blake)  
1980 Sta. no. XV.

W. Caribbean Expl. 1980

main label has long. 83° 70' W.  
-obvious error

8044 Asconema kentii Schmidt

(lg. '95')

no photo  
no frag.

24° 36' N. 955 fms.  
85° 05' W.

Coll: A. Agassiz (BLAKE)

Gulf Str. & Gulf of Mex. Expl.  
1877-8  
no. 29 Feb. 15

Mushy, heavy wall Gray  
Mass -  
(No obvious shape)

8043 Asconema kentii Schmidt.

(lg. 'RG')

No photo  
No frag

Bequia 1507 fms. (461)

Ag. 79 147 Stat 235 (1507 f) ASCONEMA Bequia	Ag. 79 130 250 460 Lat. off Morris Castle
---	---



also  
in bottle with no. 461  
a specimen labelled  
off Morris Castle

Spec? Rag sps  
Soft Boort? Rag sps  
3 fairly thick tied on  
2 w labels  
Thin

8049 Asconema kentii Schmidt

(lg. 'RG')

No photo  
No frag

Martinique 472 fms.  
CIE BLAKE no. 200  
1978-79

3 pos 1 wall  
Thick + wall  
2cm pads  
(Parts of wall)

SHELF B32 - TRAY A CONT'D.

88-10-9.3 8040

Asconema

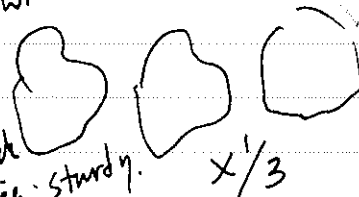
(19. R.G.)

1 photo  
1 frag.

Grenada 262 fms.  
(442)

442  
metal 5

3 light  
columns  
pads  
~ 6 mm thick  
mic. sturdy.



neg 9:189:4:3

CIE Blake no. 260  
291 fms. 1878-9

6181g

Asconema kentii Schm.

(17. R.G.)

no photo.  
no frag.

Martinique 501 fms.  
Blake sta. 195 CIE  
1878-9

2 Thick semi  
delicate  
Wall frags  
~ 4" x 4" x 1.5 cm.

8053

Asconema kentii Schmidt

Martinique 501 fms.

(BLANK FRAME)

END TRAY A! END 3 AUG, 1988 BEGIN TRAY B!

6706

Pheronema annae Leidy

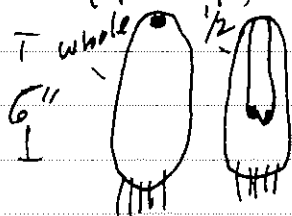
(19. R.G.)

1 photo  
no frag

Blake Exp (364)

Ag. 79  
185

364  
metal 9



2 spec  
Crane  
FIRM-HARD

neg 9:189:4:5

88-10-9.4

6854 ?

Hyalonema azuerone Lbf.

(19. R.G.)

no photo  
3 frag

6° 36' N 81° 45' W.  
581 fms. Albatross sta. 4621  
Oct. 21, 1904.

For 3-5" frags  
PCS -  
DARK!  
Reddish-Brown. soft yet  
Tough to tear

6841

Hyalonema campanula

(19. R.G.)

no photos  
no frag.

Albatross exp. sta. 4721  
8° 7' 30" S. 2084 fms.  
104° 10' W. Jan. 15, 1905

Messy goo in jar.  
in glass plate  
Terrible!

Hyalonema (leptonema) campanula  
Sta. 4721



4 AUG.  
1988

MCZ-2

Wet

SHELF B32 TRAY B CONT'D

88-10-9.5

8191

Dactylocaelyx pumiceus

Montserrat 120 fms.

CIE Blake no. 157

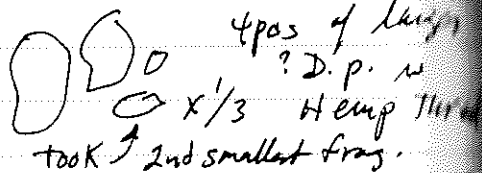
1878-9

✓ photo

1 frag

neg 9:189:5:1

(Lg. 'R9')



(sm. '95')

6819

Hyalonema (spicules)

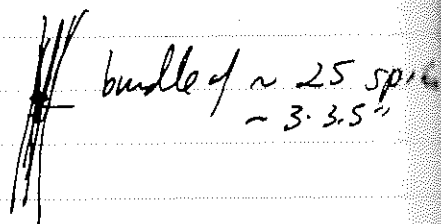
Grenada 576 fms.

CIE Blake 1878-9

Sta. no. 265

no photo

no frags.



88-10-9.6

6810

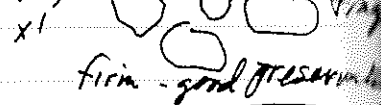
Hyalonema spinosum

Albatross sta. 4742

no photo

1 frag

(sm. '95')



6748

Pheronema

Frederickstadt

180 fms. CIE Blake 1878

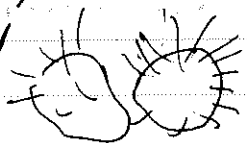
stat. no. 128

no photo

no frag.

(sm. '95')

2 spicule ball  
pads -  
probably just  
"remains" of sponge.



x1

88-10-9.7

8179

Dactylocaelyx pumiceus

Montserrat 120 fms

CIE Blake sta. 157

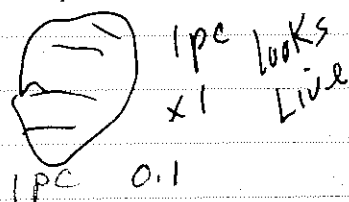
1878-9

✓ photo

1 frag.

neg: 9:189:5:2

(sm. '95')



88-10-9.8

6860

Holtienia pourtalesii Schmidt.

off Bahia Honda 324 fms.

Pourtales May 4, 1868

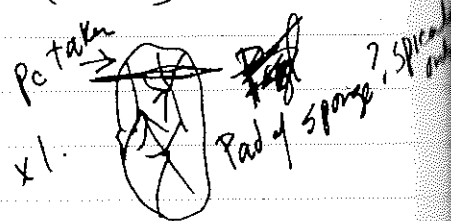
Gulf stream explor.

29 metal

no photo

1 frag

(sm. '95')



MCZ-2 wet

4 AUG. 1988

SHELF B32 TRAY B CONT'D.

88-10-9.9

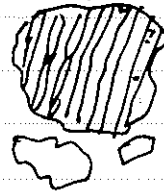
6181 p

*Syringidium zittelii* Schmidt.

(sm. '95')

no photo  
2 frag.

St. Kitts 208 fms.  
CIE Blake sta. 148 1878-9



frag. - probably long beard  
id OK

*Syringidium zittelii*: Sdt.

6181 m

*Hyalonema sieboldii*

(sm. '95')

no photo  
no frags

Grenada 576 fms  
CIE Blake Stat. 265  
1878-79

mini-hyalo x1

no photo  
no frags

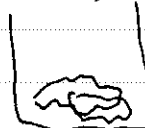
8163

*Dactylocalyx*  
(fragments)  
(332)

332 metal 5

vessel?

(v. sm. '95')



a couple of good frags  
x1

88-10-9.10

8168

*Dactylocalyx*

(md. '95')

no photo  
some frags - a + b.  
Live dead

Havana 243-450 fms.  
(415)

415 metal

Gulf str. & Gulf of Mex. Exp  
Blake 1877-8  
Sigsbee 242 fms.

Ag. 79  
143

\* Worm

\* Worm removed frid.

Mixed frags ~ N=10  
1-3 cm size  
includes Mytilus & other  
things as well (Demospongiae  
Lichens etc)

88-10-9.11

6181 L

*Hyalonema agassizi* Lof.

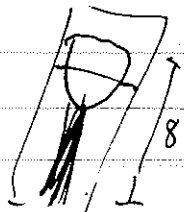
(Lg. 'R.G.')

1 photo  
some frag.  
mez: 9:189:5:3

form B.  
Albatross sta. 4651

11 NOV.  
E. Pac. Exp. 1904-5  
2222 fm

Hyalonema on a  
Display  
glass  
plate



88-10-10.1

8066

*Aulocystis zittelii*

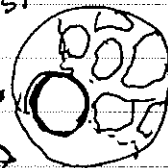
Montserrat

(med. R.G.)

3 photo  
some frag

off Plymouth 88 fms.  
CIE BLAKE 1878-9  
no. 156

Crusted  
one side



open  
Labyrinth

mez 9:189:5:4+5  
" :6:1

x1

4 Aug. 1988

MCZ-2 wet

SHELF B32 - TRAY B CONTD.

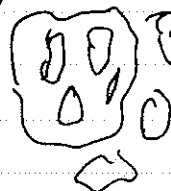
6181 h

Dactylocalyx

St. Cruz 180 fms  
CIE BLAKE Sta. 128  
1878-9

(med. R.G.)

x 2/3



frag. in hemp

IDOK

no photo  
no frag  
One More separation together.

8172

Dactylocalyx

St. Cruz 180 fms

88-10-10.2 8174

Dactylocalyx callocyathus Schmidt.

Martinique 189 fms.  
Sta. 209

CIE BLAKE 1878-9

Dactylocalyx callocyathus Sch.  
Pumiceus Sch.

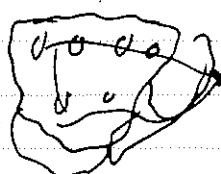
Myliusia callocyathus Gray  
Dactylocalyx callocyathus Sdt.

Dactylocalyx pumiceus.

tied onto specimen.

med. R.G.

4 frags of Myliusia



x 1/3

x 1/3

1 hemp frag

D. pumic. OLD

+ misc frag. in bottom 1.

neg  
q: 189:6:2

88-10-10.3 8184

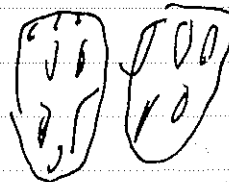
Dactylocalyx subglobosus Gray

23° 1' N 190 fms.  
83° 14' W (371)

371 metal

Gulf Str. & Gulf of Mex. Exp. Blake  
1877-9 off Havana

(med. R.G.)



2 thin frags

2 photos  
3 frag

q: 189:6:304

88-10-10.4 8165

Dactylocalyx

(Fragments) (445)  
Guadeloupe 878 fms

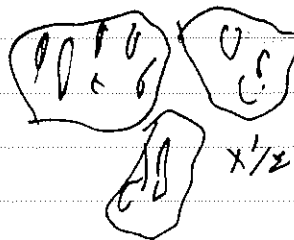
CIE BLAKE 1878-9  
no. 144

Aq. 79.

203  
Bruchstücke  
Dactylocalyx

all from ?

(med. R.G.)  
? w TISSUE?



3 thin PCs + cleared SKEL frags in bottom

no photo  
2 frags

wet

SHELF B32-TRAY B CONT'D.

6714

*Hyalonema* sp.

(med. 'R9')

no photo  
no frags.

No. 3 of report p. 27

Albatross sta. 3414

Exploration "Albatross", 1891

mini hyalonema

dark hump

END TRAY B -- BEGIN AREA C (side of trays B & C)

6181n

*Joanella compressa* Sch.

19-95

4 photo  
1 frag of each

off Santiago de Cuba

288 fms Bartlett

88-10-10.5 ← i

Blake 1890

88-10-10.6 ← ii

CIE BLAKE 1878-9

Bartlett 1890

no. V 288 fms.

W. Carib. Exp.

Blake 1880

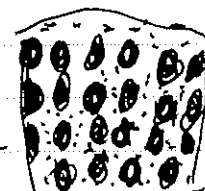
No. V 288 fms.

map 9: 189:6:5  
190:1:1-3

no. 533 (2nd lot numbered 535)

coll. Bartlett (Blake 1890)

*Joanella compressa* Schm.



*Dactylocyba*  
rather stalked but  
deep deep grooves

6844

*Hyalonema tylostylum*.

19-95

no photo  
no frags

Sta. 4656

Albatross. E. Pacific Exp.

depth 2222

\* a freshwater spg. w/ label was removed from the jar.

88-10-10.7

8169

*Dactylocalyx*

med. R9

no photo

Luffaria

2 frags for bottom

*Volvulina sigsbeeii*

11 8169c

Guadeloupe 150 fms.

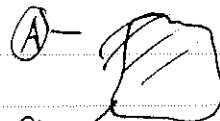
CIE BLAKE 1878-9

Stat. n 164

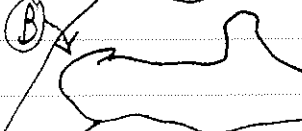
*Dactylocalyx*

*Luffaria*

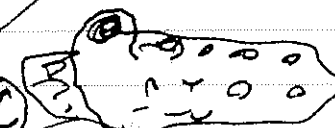
*Volvulina sigsbeeii* Sdt(?)



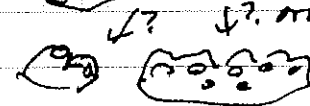
x1 *D.* probably *pinacoides*  
no hump all over it.  
Tied to label



Luffaria skew  
x1 Tied to Label



x1 *Volvulina*  
tied to label



2 frags of soft  
pillow tube deep from  
bottom

in  
7 Jan  
in  
is  
shed  
of  
you  
in

4 AUG  
1988

MCZ-2 wet

SHELF B32 - AREA C CONT'D

61810

*Syringidium zitteli* Schmidt. (mod. RG)

No photo  
No frag

St. Kitts 208 fms.  
CIE BLAKE Sta. 149  
1879-9

Indeed there is a long dead frag of *Syringidium zitteli* here  
But all kinds of other things in it  
*Dactylocheilus* + *Lyssacina* (?) spgs in  
mud (small leaf-size frag)

END SHELF B32! NO HEXACTS IN B33 [A] - START AREA [B]

88-10-10.8

U-14-1

Unid. Hex.

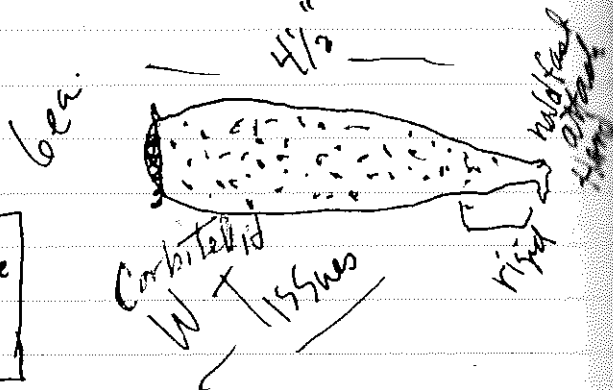
(10. 'sc')

2 photos  
2 frags

neg 9:190:1:4+5

'Atlantis' 1939  
Station no: 3302  
Date: March 23-1939  
Depth: 230 F (421 m)  
Trawl: Blake (10 feet)

2 sent to Teachers College  
Farmville Va.  
4 on exhibit MCZ



END AREA [B]! NO HEX'S IN TRAY [C] -- END SHELF B33!

START TRAY B34 [A]!

88-10-10.9

U-14-2

Hexactinellidae

n. Cuba.

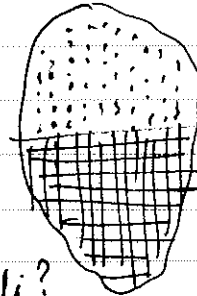
(mod. RG)

2 photos  
5 frags

neg 9:190:2:1+2

21°43' N. 76°33' W.  
994 fathoms no. 317  
Blake 1879 stat. no. 109

317 ← metal



holes one side  
inside? rectangular  
Reticularis

? *Chonelasma lamella* <sup>Ch. conoides</sup> *ziffli*?  
= *Oxyrhizium* Reid?

U-14-3

Hexactinellidae

(sm. GS)

no photo  
No frag

Station 4649  
E. Pacific Ex., 1904-05 "ALBATROSS"

Young bygone  
+ plate of same?  
No pieces taken

SHELF B34 - TRAY [A] CONT'D.

U-14-4

Hexactinellidae ?

no photo  
no frag

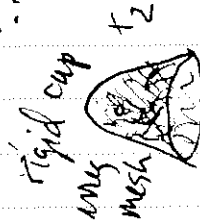
Station 4736

Depth 2289

Date Jan. 23

E. Pacific Ex., 1904-5 'ALBATROSS'

FARREA? (sm. 95)



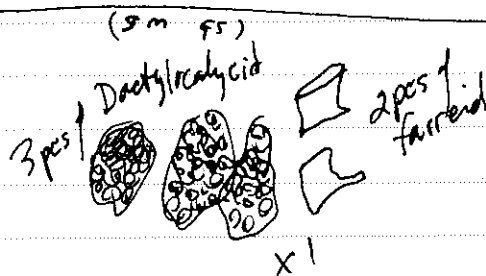
U-14-5

Hexactinellidae

no photo  
no frag

no. 279 Blake  
Coll: sigsbee 1877-8  
Fragment of Hexactinellidae  
off Havana 243-450 fms

279 ← metal



88-10-10.10

U-14-6

Farrea faconda Sch

1 photo

2 frag

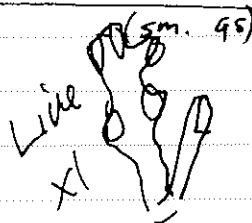
neg 9:190:2:3

Rimella clava

292 Fad

near Morro Light

402 metal



88-10-11.1

88-10-11.2

U-14-7

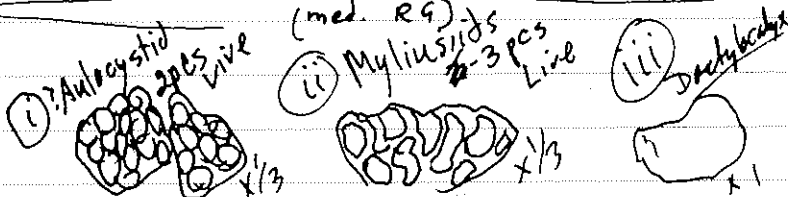
Unid. Hex

-NO DATA!

1 photo

2 frags. each (i, ii)

neg 9:190:2:4



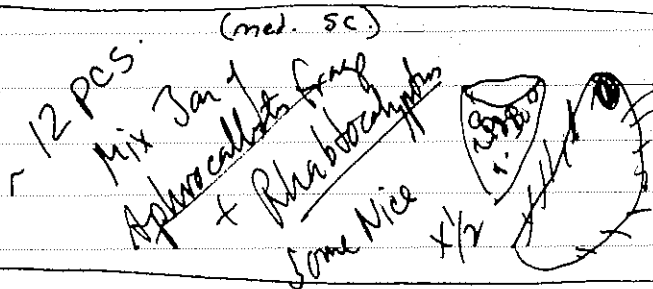
U-14-8

Unid. Hex.

no photo  
no frags

Sponge reef  
off Nanaimo

17 fms June 19, 1952?



END TRAY [A]; NO HEXACTS IN AREA [B]; NONE IN TRAY [C]

END SHELF B34! BEGIN SHELF B35!



4 AUG  
1988

MCZ-2 wet

SHELF B35

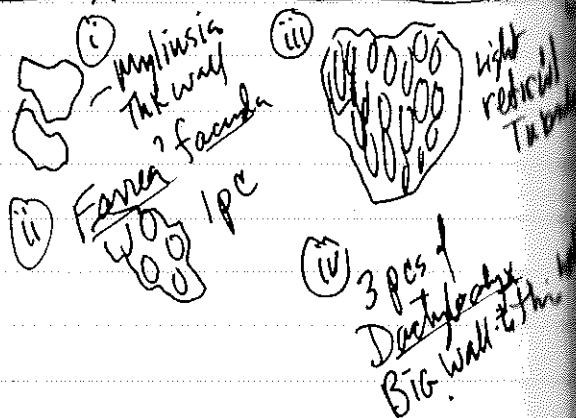
HEADG U-14-9a-g

BIG JAR - I mean BIG! 5 Gal! w  
~ 8 Cheesecloth wrapped Hex messes in: Follow

U-14-9a Unid Hex (Bag 1)

2 photos  
1 frag ea i-iv (=4 frags)

CIE BLAKE 1878-9  
no. 215 depth 226 fms  
St. Lucia



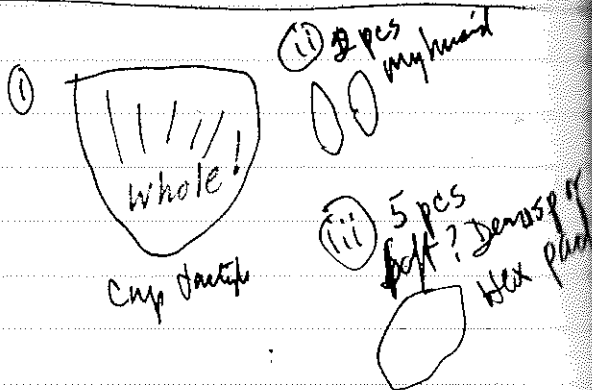
88-10-11.3 ← i  
88-10-11.4 ← ii  
88-10-11.5 ← iii  
88-10-11.6 ← iv

map 9:190:2.5+3:1

U-14-9b Unid. Hex.

2 photos  
1 frag ea. i-iii (3 frags)

CIE Blake 1878-9  
no. 249 262 fms.  
Grenada



88-10-11.7 ← i  
88-10-11.8 ← ii  
88-10-11.9 ← iii

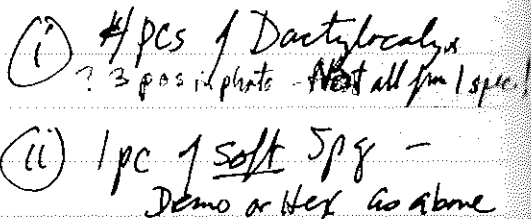
8 frags total

map 9:190:3:2+3

U-14-9c Unid. Hex.

2 photos  
3 frags + Blake?

CCXLIX Feb. 27 1879  
267 fms Grenada  
10m S. 1/4 W off Salinas pt.



88-10-12.1 ← i  
88-10-12.2 ← ii

map 9:190:3:4+5

88-10-12.3 U-14-9d Unid. Hex

2 photos  
1 frag.  
map 9:190:4:1+2

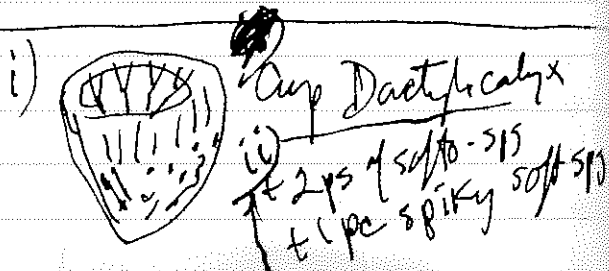
CIE Blake 1878-9  
no. 249 262 fms  
Grenada



88-10-12.4 U-14-9e Unid. Hex.

2 photos  
1 frag. ← i  
map 9:190:4:3+4

CIE Blake 1878-9  
no. 249 262 fms.  
Grenada



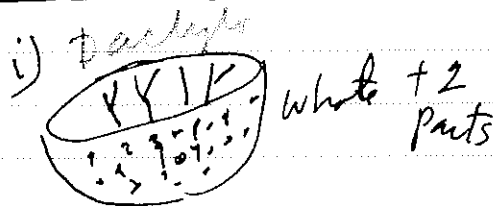
SHELF B35 [U-14-9 jar] cont'd.

88-10-12.5

U-14-9f

Unid. Hex.

CIE BLAKE 1878-9  
no. 249 262 fms.  
Grenada



2 photos  
(1 frag. i)

mesp 9:190:4:5 + 5:4

i) + soft. sponge 1pc

U-14-9g

Unid. Hex

CCV Feb. 10 1879  
334 fms Martinique  
M 3 3/4 W by S. Fr. St Anne  
CIE BLAKE 1878-9  
no. 205 334 fms  
Martinique

i) 2 pcs of *Aplr. beatrix?*  
*homonome*



no photo  
1 frag each.

88-10-12.6 ← i

88-10-12.7 ← ii

88-10-12.8 ← iii

ii) 1pc *Farea faenda?*  
2" long

iii) Pile of Beat up Spg pcs w  
Big Spigs. ← *Lyssae*

U-14-10a-

Big JAR ON SHELF B35!

6 cheesecloth bags w/ the following:

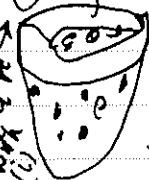
mesp 9:190:5:5 + 6:1

U-14-10a

Unid. Hex.

CIE BLAKE 1878-9 [328]  
no. 139 218 fms.  
Santa Cruz

(i) Big *Dactylocyba* 2" wall's wor



ii) 10 Small pillow tube  
~~from 95-14 jar~~  
~~took it all~~

iii) *Geodia* small.  
No frag

2 photos (ROLL 13  
ROLL 14)  
1 frag. ea

88-10-12.9 ← i

88-10-12.10 ← ii

9

U-14-10b

Unid. Hex.

CXXXIV JAN. 5, 1879 [315]  
248 fathoms.  
S.W. Santa Cruz, 5 miles offshore  
CIE BLAKE  
no. 134 248 fms.  
Sta. Cruz

i) Piece of huge! *Dactylocyba*  
cup/cone 6/2cm thick below  
+ misc pcs of small *dactyl*

ii) *Syringium zittelli* 6 pcs  
~ 2x4cm

iii) 4 pcs of *Farea* of *faenda*

iv) *Therapsid annae* 3" long  
whole. *Lyssae*  
+ other junk.

4 photos total, 2 of (i), 2 of (ii), (iii), (iv)  
some frag. eq. of i, ii, iii

88-10-13.1 ← i

88-10-13.2 ← ii

88-10-13.3 ← iii

\* Cephalopod eggs are scattered  
throughout the bag, esp.  
*Dactylocyba*.

mesp 9:190:6:2-5

4 AUG  
1979

114-15

MCZ-2 West

SHELF B35 (JAR U-14-10) CONT'D

U-14-10c (C) Unid. Hex


3 photos: 2 of i, ii  
1 of iii, iv  
some frag of each.

- 88-10-13.4 ← i
- 88-10-13.5 ← ii
- 88-10-13.6 ← iii
- 88-10-13.7 ← iv

CXXXIX Jan 7, 1879  
218 fms  
B 51 5 7 8 1/2  
N. by W. 3/4 W. (2 miles) fr. Shore  
8<sup>d</sup> net Eagle

CIE BLAKE 1878-9 [331]  
no. 139 218 fms  
St. Cruz

i) Dactylocypris thick  
frag of wall  
+ smaller pcs

ii)  weird thick  
heavy  
w astrochizae grooves.  
Maybe a lithothid pill

iii) Fungus lacunula?

iv) <sup>ipc</sup> little pillars down tube.  
2 pcs.

negs: 9:191:1:1-3

END SHELF B35! END AUG. 4<sup>th</sup>! BEGIN 6<sup>th</sup> AUG!

NO HEXACTS ON SHELF B36! BEGIN SHELF B37 tray A!


88-10-13.8 [6733] Rimella clava Schm. (5m. 95)

1 photo  
1 frag.

off morro castle, cuba  
250-400 fms Blake Exp. 1877  
(349)

neg: 9:191:1:4

A9. 78 250 F  
400 F  
off morro castle  
Rimella clava sdt. [349] metal

 Took piece of  
TOP -  
hard branching cyl.


[6732] Rimella clava (V. 5m. 95)

no photo  
no frags

A. Agassiz 1879 (346)

(BLAKE)!

A9. 79.  
161  
Rimella  
Clava [346] metal

 Viewed under dissect  
scope as a  
hollowed &  
spindle frame w  
bosses.

END SHELF B37! NO HEXACTS IN B38, B39! START SHELF B40 [A]!

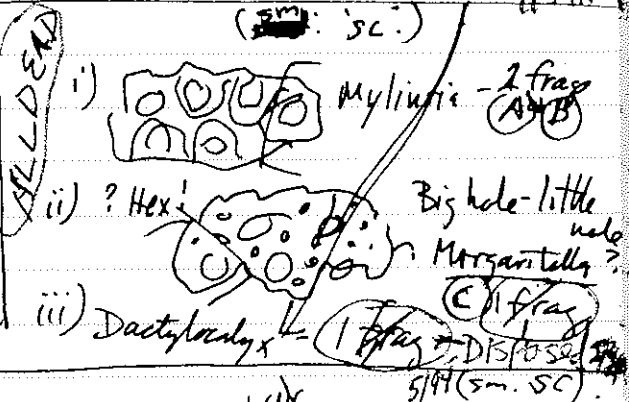
SHELF 840 - TRAY A ("ATLANTIS SPONGES 1939")

Need Resample! ii + iii

88-10-13.9 U-15-1

Unid. Hex. SETip Cuba  
 "Atlantis" 1939 <sup>Stat List</sup> APLIS 1939  
 Stat. No. 3355 <sup>19°50'N</sup>  
 Date Apr. 16 <sup>75°00'W</sup>  
 Depth 1000-1070 fm <sup>1070fm</sup>  
 Trawl Blake 14'

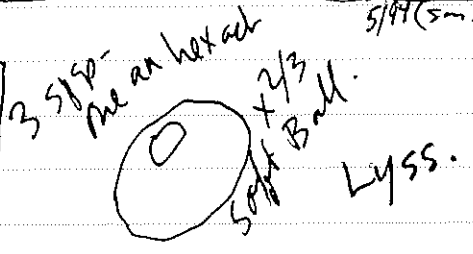
no photo  
 4 frags + 1st  
 5 frags in vial segmented + processed  
 (only 2 from (C) Myl. / H. S. in vial - others discarded since could not be identified)



88-10-13.10 U-15-2

Unid. Hex.  
 CUBA  
 Harvard-Havana Exp. Atlantis 1939  
 W.C. Schroeder Leg. Stat. 3428

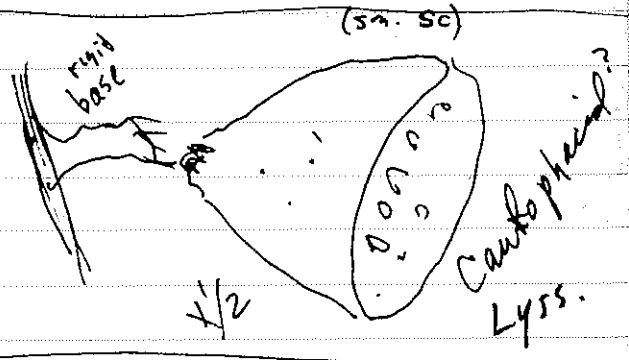
1 photo  
 1 frags  
 neg 9:191:1:5



88-10-14.1 U-15-3

Unid. Hex.  
 Atlantis 1939  
 Date May 2  
 Station no. 3435  
 Haul no.  
 Depth 255 fm.

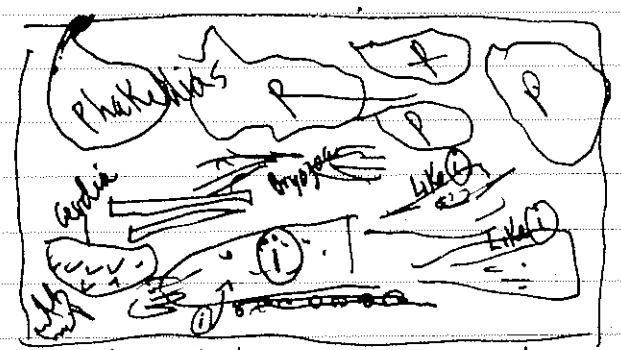
1 photo  
 2 frag  
 neg 9:191:2:1



88-10-14.2 U-15-4

Unid. Hex.  
 'Atlantis' 1939  
 Stat. no. 3357  
 Date Apr. 18  
 Depth 875 fm  
 Trawl Blake 14'

1 photo  
 1 frag of (i)  
 neg 9:191:2:2



i) The only hex in 3? *Asyrella* Lyss  
 ii) not *Asyrella*

END TRAY A! NONE IN AREA B! Start tray C!

6 AUG  
1998

MCZ-2 wet

SHELF B40 TRAY C

88-10-14.3 U-15-5

Unid. Hex.

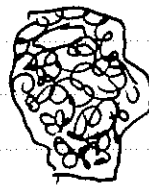
(sm. gs)

1 photo  
1 frag.

neg: 9:191:2:3

no 425 (Blake) 1878  
coll. A. Agassiz  
Morro Light?  
292 fms.

425 ← metal.



Washed-out  
skel - like "Gystup"  
Wen Knoms?  
or? Scleroplegma

END SHELF B40! NO HEX'S IN B41 A, B; START B41 C

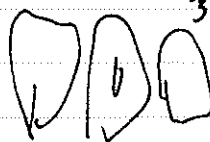
88-10-14.4 U-15-6

Unid. Hex.

1 photo  
3 frag  
neg

9:191:2:4

C I F BLAKE 1877-9  
no. 139 218 fms  
St. Cruz



3  
Washed  
out  
skels  
X

88-10-14.5 U-15-7

Unid. Hex

1 photo  
2 frag

neg 9:191:2:5

loom 7/89

slits  
76:57-60

Gulf str. & Gulf of Mex. Exp.  
Blake 1877-8  
292 fms near morro light.

426 ← metal



loose  
skel  
- crude tubes

END SHELF B41! START SHELF B42! (BIG TARS!)

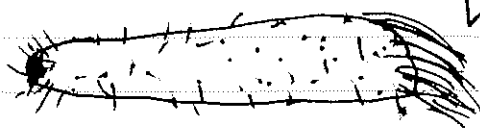
U-15-8

Phoronema annae Leidy

(2gal 'gs) 13 specs. 2-5" long

1 photo  
no frags  
neg 9:191:3:1

CIE Blake 1878-9  
no. 128 180 fms.  
ST CRUZ.



L/S

SHELF B42 Big. JARS.

U-15-9

Unid. Hex.

(large! S.C.)

2 photos  
no frags

CXLVIII Jan. 14, 1879  
208 fms.  
off S.W. Spit St. Kitts 1 1/2 miles

26  
11 cm

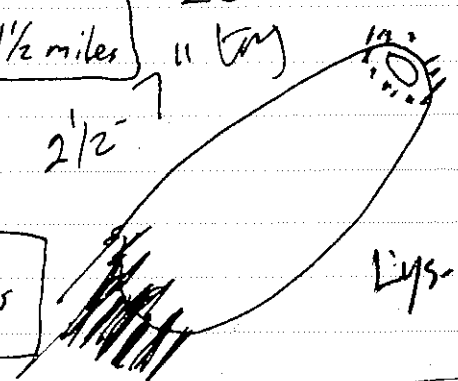
mez 9:191:3:2+3

CXLIX Jan. 15, 1879  
60-150 fath.  
Bassaterra St. Kitts

2 1/2

CIE Blake  
no 148 208 fms  
St. Kitts

CIE Blake  
no. 149 60-150 fms  
St. Kitts



Lys.

U-15-10

Hyalonema agassizi Ldf

no photo  
no frag.

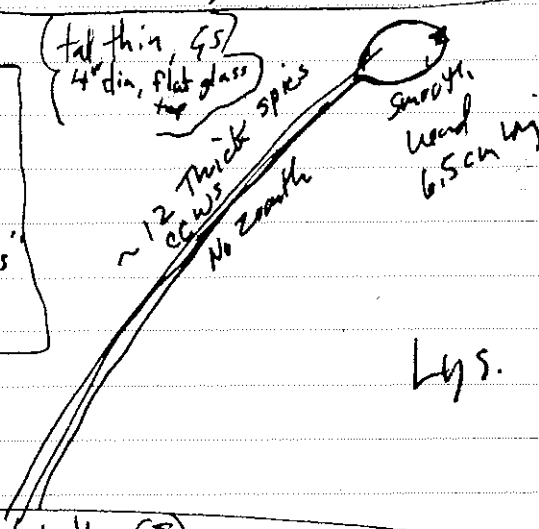
Form A sta. 4656  
Date no 13  
depth 2222  
E. Pacific Exp. Albatross  
1904-5

(tall thin, 95/  
4" dia, flat glass  
top)

© Siliceous sponge  
4656

~12 Thick spines  
eg. w/5  
No zooids

Smooth  
Wood  
6.5 cm long



Lys.

U-15-11 a, b

UNID. HEX.

(tall 95).  
9" dia, ground  
glass cap.  
2' high

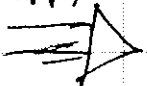
also has  
cheesecloth bag.

U-15-11a

CIE BLAKE 1878-9  
no. 220 116 fms  
St. Lucia

[cheesecloth bag]

see next pg.



see next pg. for notes

U-15-11b

Unid. Hex.

(rest of Jan)

see next pg.

no 249 262 fms  
Granada  
CIE BLAKE 1878-9

see next pg. for notes





6 AUG  
1988

MCZ-2  
Web

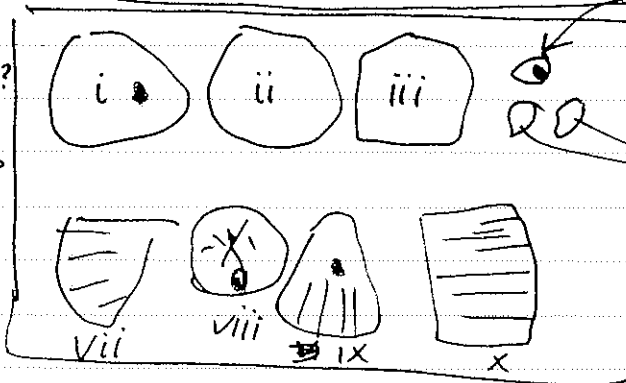
SHELF B42 JAR U-15-11

cont'd.

U-15-11a: cont'd →

2 photos (Dactylo) (i-ii-iii Syring Zt.?)  
frags {of i, iv, viii, ix}  
iv - Mylusia  
v-vi Fana fauna?

88-10-14.6 ← i    vii-x Dact. punic.  
88-10-14.7 ← iv  
88-10-14.8 ← viii  
88-10-14.9 ← ix  
resp 9:191:3:5  
4:1



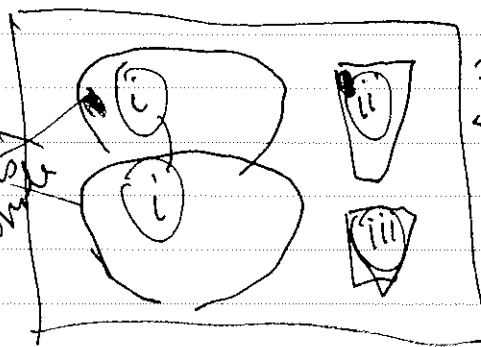
U-15-11b: cont'd →

7 photos  
some frags.

88-10-15.1 ← i  
88-10-15.2 ← ii  
88-10-15.3 ← vi  
88-10-15.4 ← vii

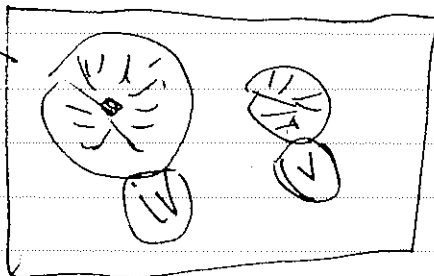
resp. 9:191:4:2 through 5:3

Dactylo  
Broken calyx  
Pcs of  
Same  
Cup (w/frag)



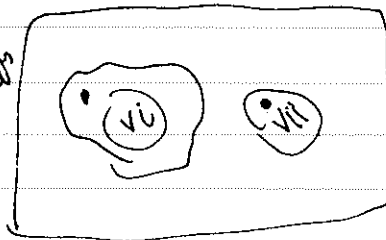
2 photos  
frags i + ii + iii

Dactylo



2 photos  
No frags

Mylusia  
&  
insects



3 photos  
frags of both.

SHELF B42 ('Big JARS') CONT'D.

U-15-12a Unid. Hex. CIE Blake no. 131 580 fms St. Cruz

no photo  
no frag

Hyalo-root tuft (Hull, Mia, GS)  
~ 15 fibers  
CCWS 15" long w/ 2000th

Stamp JAR? ↓

Lys

U-15-12b Unid. Hex. CIE BLAKE 1978-9 no. 173 734 fms Guadalupe

no photo  
no frag

Hyalo-root tuft  
~ 12" long  
No 2000th CCWS.

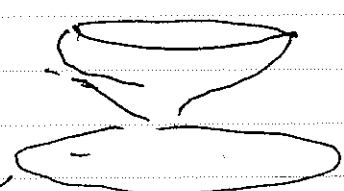
Lys

↓ U-15-13 a. (Big, fat, G.S.) contains 6 cheese cloth bags, as follows:

88-10-15.5 U-15-13a Unid. Hex. C.I.E. Blake 1978-9 no. 270 73 fms Barbados

2 photos  
1 frag  
resp: 9:191:54+5:5

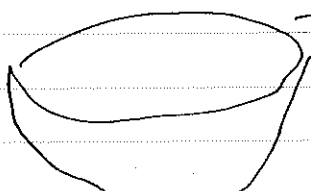
Shallow cup  
Dactylo on rock



88-10-15.6 U-15-13b Unid. Hex. C.I.E. Blake 1978-9 no. 249 262 fms Grenada

2 photos  
1 frag  
resp: 9:191:6:1+2

Dactylo cup




Query? - What else was in JAR? ↑

END SHELF B42! NONE ON B43, B44, B45!  
BEGIN SHELF B 46!

U-15-14 UNID. HEX. CIE Blake 1978-9 no. 226 424 fms St. Vincent

no photo  
no frag

(med. R.G.)  
Small frag Long dead!  
Aphr. lectrix?  
or bocages



6<sup>th</sup> Aug.  
1988

MICZ-2 wet

SHELF B46 cont'd


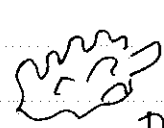
88-10-15.7

U-15-15

Unid. Hex.

C.I.E. BLAKE 1978-9  
no. 300 82 fms  
Barbadoes

no photo  
2 frags

? *Volvulina sigyheim* 1 frag tde  
a)  flat plate  
b)  1 frag broken  
c) + *Danops* frags

88-10-15.8

U-15-16

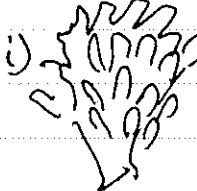
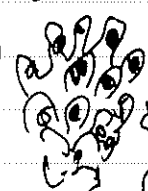
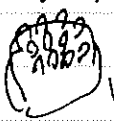
Unid. Hex.

Hassler Exped.  
Barbadoes 100 fms.

1 photo  
some frags

neg 9: A1:6:3

SPONGES 13.

i)  dark purplish grey branching - ? *Cyrtocarpa*?  
ii)  washed out skel w/ dense spots  
iii)  *parvula* small? as *Volvulina* on it  
frag all vid together.

88-10-15.9

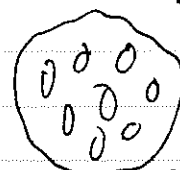
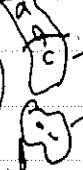
U-15-17

Unid. Hex.

C.I.E. Blake 1978-9  
no. 245 190 fms  
Barbados

2 photos  
2 frags

neg 9: A1:6:4+5

 *Lyssacina* ped  
 took 2 pcs  
Ly ss

END ROLL 14 -- START ROLL 15!

88-10-16.1

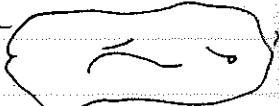
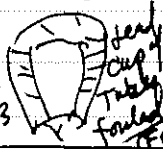

U-15-18

Unid. Hex.

C.I.E. Blake 1978-9  
no. 166 150 fms  
Guadeloupe.

no photo  
some frags

ii + iii only  
SM?

i) *Dactylocypris* Frag   
ii)  head cap  
x 1/3  
iii) *Volvulina*?  principle  
x1

END SHELF B46! START SHELF B47! (TRAY A)



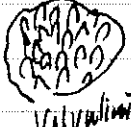
88-10-16.2

U-15-19

Unid. Hex

C.I.E. BLAKE 1978-9  
no. 166 150 fms  
Guadeloupe

1 photo  
2 frags  
neg 9: 192:1:1

i)  little tube down  
ii)  Take cap  
small hole  
iii)  *Volvulina*  
Frag of ii + iii

SHELF B47 Area B :

88-10-16.3

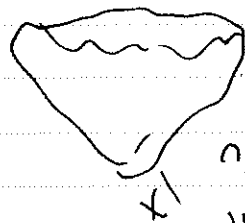
U-15-20

Unid. Hex.

no photo  
2 frag

no. 549 (Blake) 1878  
Coll. A. Agassiz  
Lat. 29° 36' N Long 89° 5' W.  
955 fms.

549 metal 74 Agassiz 1878



wooly soft  
hex  
? Hyalo-head?  
White  
Lyssac

88-10-16.4

U-15-21

Unid. Hex.

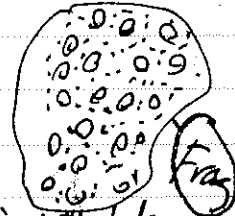
2 photos,  
1 frag.  
neg 9:192: 2+3

C.I.E. Blake  
no. 164 150 fms  
Guadeloupe.

i) Dactylocypris frag white

ii) G. C. C. Pillow tube Dam

iii) ? Margaritella



88-10-16.5

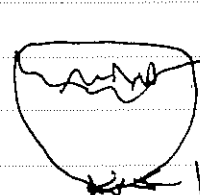
U-15-22

Unid. Hex.

1 photo  
1 frag.  
neg 9:192: 4

no. 443 (BLAKE)  
coll: A. Agassiz 1878  
Grenada 416 fms

443 metal Agassiz 1878  
264 39 416 f.  
grenada



wooly cup  
hard here

Lyss

88-10-16.6

U-15-23

Unid. Hex.

no photo  
some frag

C.I.E. BLAKE 1878-9  
no. 205 334 fms  
Martinique.

Big 1/2 L RG JAR  
Grey frag - Full! Lyss  
Really hairy - messy  
No photo.

END: SHELF B47  
6<sup>th</sup> AUG. 1988.

START SHELF B48!

~~NO HEXACTS IN~~

7 AUG  
1988

MCZ-2

Wet

SHELF B48 TRAY A

U-16-1

Unid. Hex.

(28 R9)

mixed sponges: including  
Dactylocalyx pumiceus

no photo  
no frags

C.I.E. Blake 1978-9

no. 203 96 fms

Martinique

END TRAY A - START AREA B!

88-10-16.7

6824

Joanella compressa Spt.

(met. R.9)

2 photo  
2 frag

19° 48' 47" N.

77° 23' W.

250 fms Bartlett 1880

W. Carib. Exp. Blake 1880

Joanella compressa

no. XXII 250 fms

map  
9:192:1:5  
+ 2:1

beat up  
Nally hard!  
Washed out shell  
Fragile!

END SHELF B48 -- START SHELF B49 TRAY A!

88-10-16.8

U-16-2

Unid. Hex.

(Big 95)

2 photo  
2 frag  
map

C.I.E. Blake 1978-9

no. 264 416 fms

Grenada

9:192:2:2+3

15"  
Mad ball  
Spring  
Euplectella - No  
Collars  
Stene

LYSS

END tray A -- START TRAY B!

88-10-16.9

U-16-3

Euplectella

challyn? (Big 95) 2 specs

3 photos  
2 frags

no. 420 JAN. 19, 1875.

Zebu & Philippines coll: Thomson.

95 fathoms Rec'd March 5, 1880

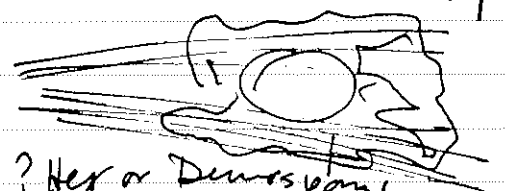
map: 9:192:2:4+5  
+ 3:1

root  
9-11" long  
w/ tissue - whole  
LYSS

SHELF B49 TRAY B CONTD.

~~88-10-16~~ U-16-4  
2 photos  
2 frags  
88-10-17.1

Unid. Hex.  
no. 539 (Blake)  
coll. Bartlett  
17° 28' 30" N  
77° 30' W.  
1980 no VII  
610 fms.  
Carib. Isl. Exp. <sup>1878-9</sup>

mo  
LYSS  
  
? Hex or Demospongiae  
growing on 2 bundles of  
Hyalomma spicules (ccws)

mg. 9:192:3:2+3

END SHELF B49! START SHELF C44!

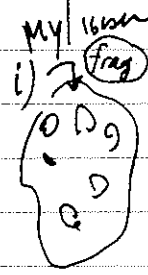
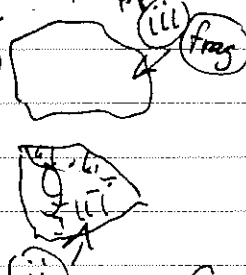
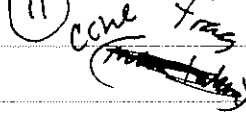
88-10-17.2 U-16-5  
no photo  
1 frag DRY

Unid. Hex.  
Sta. 2994  
Atlantis

20" long  
2" diam.  
3opic root tufts + 1 head.  
LYSS  
DRY

U-16-6

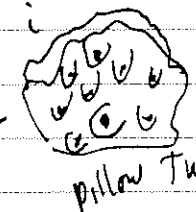
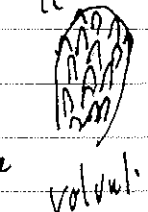
Unid. Hex.  
Sta. 2969 Check chase List  
Lat: 19° 40' [N] 19° 50' N  
Long: 74° 59' [W] 75.00 W  
depth: 1847 meter bottom = 1010 fm  
Date: march 5 1938 ✓  
Harvard - Havana Exp. Atlantis  
Blake trawl ✓ SERRAL Cuba!

plate  
Myl. <sup>16mm</sup> frag  
i)   
ii)   
cone frag  
iii) 

1 photo  
1 frag each  
88-10-17.3 ← i  
88-10-17.4 ← ii  
DRY.  
mg. 9:192:3:4

U-16-7

Unid. Hex  
"Atlantis" 1938 22° 07' N  
date: Feb 23, 1938 81° 08' 30" W  
Station no: 2961-A 205 fath  
Haul no: Bahia Cochino Cuba  
Depth: 375 m. otter trawl

i)  Pillow Tube  
ii)  Vase-like

1 photo  
Some frags of each  
88-10-17.5 ← i  
88-10-17.6 ← ii  
DRY.  
mg. 9:192:3:5



7<sup>th</sup> AUG  
1988

MCZ-2

SHELF C44 cont'd.

Wet

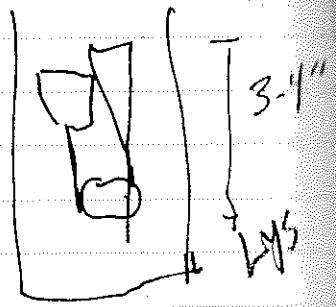
88-10-17.7 U-16-8

*Hyalonema agassizi* Ldf.

1 photo  
1 frag  
mes 9:192:4:1  
DRY

form F. Station 4742  
15 Feb. 1905  
2320 fms  
E. Pacific Ex. 1904-05  
"Albatross"

Dried  
Pcs in  
a glass  
plate



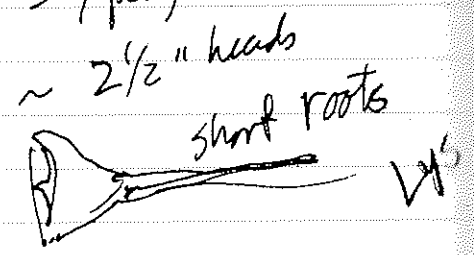
88-10-17.8 U-16-9

Unid. Hex.

1 photo  
2 frag  
mes 9:192:4:2  
DRY

'Atlantis' 1938  
March 13  
Sta. 2987-D  
Blake trawl (large)  
576 m (bottom)

Dried  
7 pcs, 3 w root



88-10-17.9 U-16-10

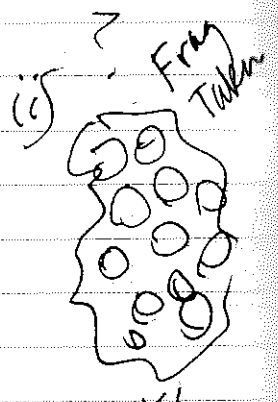
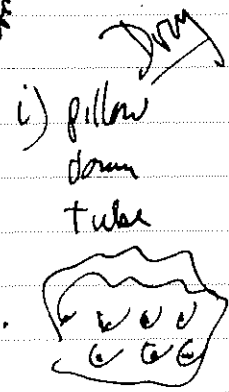
Unid. Hex.

1 photo  
2 frag.  
mes 9:192:4:3  
DRY

'Atlantis' 1938  
Feb. 23  
Sta. 2961 D  
other trawl  
366 m (bottom)  
Picked out

with lots of L. thuring.  
& Stalactis

195-235 fm.



Autocystid?

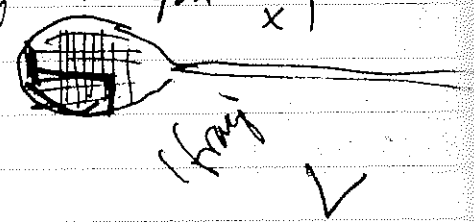
88-10-18.1 U-16-11

Unid. Hex.

1 photo  
1 frag.  
mes 9:192:4:4

Sta. 2989 (Blake trawl Large)  
Depth: 658 m (bottom)  
March 14, 1938  
Harvard - Havana Exp. "Atlantis"

Dry Hyalomon  
Nice grid



SHELF C44 cont'd.

88-10-18,2

U-16-12

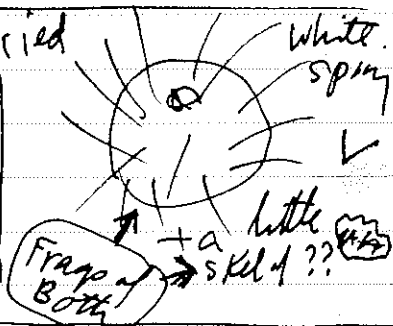
Unit. Hex.

Dried

1 photo  
2 frags

neg. 9:192:4:5

Sta. 2963-C (otter trawl)  
375 meters  
Feb. 25, 1938  
Harvard-Havana Exp. 'Atlantis'



END SHELF C44! NONE ON C45! Start shelf C47! A  
or C46

88-10-18,3

8022

Aphrocallistes,  
Euplectella, etc.

Dry Jar of Junk pcs

no photo  
some frag

i  
ii 3 vials  
iii

(fragments)  
St. Lucia 422 fms.

C.I.E. BLAKE 1878-9  
no. 222 422 fms  
St. Lucia

- (i) - most Aphroc. bocas? pcs
- + Hyalomma spics +
- (ii) - Some Lyssacini pcs - ?  
Who?
- (iii) - also Phormina spics  
+ ? Farrea or Aulocystis? Big!

6429w

Farrea facunda Schm.

Dry Typical pcs

no photo  
no frag.

off Chorrera, Cuba  
95 fms. May 1867 (70)  
70 ← metal. ~~blotter~~

6429x

Farrea facunda Schm.

Dry Typical pcs.

no photo  
no frag

St. Cruz 861 fms  
Blake Stat. 141  
Ag 1878-9  
Carib. Isl. Exp

6429y

Farrea facunda Schm.

Dry (sm. 95)  
Typical

no photo  
no frag

Martinique 137 fms.  
C.I.E. Blake no. 212  
Ag. 1878-9

7 AUG.  
1988

MCE-2

wet

SHELF C<sup>47</sup> [A] cont'd

88-10-18.4 8024

*Aphrocallistes Bocagei*

DRY. GS Jar

no photo  
some frag

Neris sta. 151 356 fm.

Some tissue  
maybe tissue

no. 208 Blake 1878-9

Carib. Isl. Exp.

88-10-18.5 8023 a

*Aphrocallistes bocagei*

DRY. GS Jar

no photo  
2 frags

Japan 2-7-99

w tissue

Uraga channel, Japan

- lots

O.C. 5704

8023 n

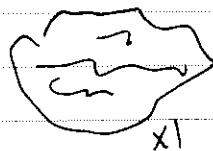
*Hyalonema pateriferum* Wilson

DRY. GS sm jar

no photo  
no frags

Sta. 17 Albatross 1891

Co-type.



messy dried  
spec  
Herd only

6429 f

*Farrea facunda* Schm.

Dry (GS sm jar)

no frags  
no photo

109 fms (116)

Pourtales 1868

Orig. labels have been treated  
with yellow ammoniac sulphide  
with no result.

Gulf str  
Exp.  
1868

TYPICAL  
No station of 1868  
has 109 fm in  
Chase List  
Florida straits

88-10-18.6

6429 s

*Farrea facunda* Schm.

Dry (sm. GS)

~~no photo~~  
no photo  
1 frag

St. Vincent 124 fms.

C.I.E. Blake sta. 269

Ag. 1878-9

Not F.f. in *Aulocystis*!



6429 t

*Farrea facunda* Schmidt

Dry (sm. GS)

no photo  
no frag

St. Vincent 114 fms

C.I.E. Blake sta. 224

Ag. 1878-9

typical

MCZ-2

7 AUG.  
1988

Wet

SHELF C<sup>47</sup> ~~48~~ +ny [A] (cont'd)

no photo  
no frags

[6429 u] *Farrea facunda* Schm. Dry, (sm. 95)

Santa Cruz 218 fms  
C.I.E. Blake stat. 139  
Ag. 1878-9

Typical

88-10-18.7 [6429 v] *Farrea facunda*

no photo  
2 frags

Barbadoes 82 fms  
CIE Blake sta. 300  
Ag. 1878-9

frags B leafy -  
? check  
to ID

mid [6429 z] *Farrea facunda* Sch. Dry, (sm. 95).

no photo  
no frag.

St. Vincent 114 fms  
CIE Blake no. 224  
Ag. 1878-9

Typical

[6805] *Farrea occa* var. *claviformis* dry, (sm. 95)

no photo  
no frag

Albatross exp. 1891  
Sta. 3425

looks OK  
but could not  
pin it

[8023g] *Farrea* sp. dry, (sm. 95)

no photo  
no frags

22° 11' N. 82° 23' W.  
Ag. 1878 293 fms.  
Blake

Cuba

minute  
pc

N. 35a [246] ← metal

[8025] *Aphrocallistes bocagei* dry, sm. 95-

no photo  
no frags

Grenada 291 fms.  
C.I.E. Blake no. 260

7 AUG  
1988

MCZ-2

SHELF C~~47~~<sup>47</sup> TRAY **A** CONTD.

no photo  
no frags

**8029** Aphrocallistes bocagei  
St. Lucia 422 fms.  
C.I.E. Blake 1878-9  
no. 222  
Aphrocallistes bocagei Sch.  
Farrea facunda Sch.

Dry (sm. 95)

no photo  
no frag

**8030** Aphrocallistes bocagei  
Martinique 334 fms.  
C.I.E. Blake 1878-9  
no. 205

Dry (sm. 95)

no photo  
no frag

**8031** Aphrocallistes bocagei  
Grenada 291 fms  
C.I.E. Blake 1878-9  
no. 260

Dry (sm. 95)

no photo  
no frag

**8034** Aphrocallistes bocagei  
St. Vincent 464 fms.  
C.I.E. Blake 1878-9  
no. 230

Dry (sm. 95)

no photo  
no frag

**8035** Aphrocallistes bocagei  
Pacific Reef 283 fms  
(62)  
May 13, 1869  
coll. F. de Pourtales  
off Pacific Reef,  
Gulf stream Exp. 1868-9  
cast no. 8.  
[62] ← metal.

Dry (sm. 95)

SHELF <sup>47</sup> ~~C470~~ TRAY A (cont'd)

no photo  
no frag

6834

Hyalonema agassizi Ldf.  
47° 36' N 151° 46' E  
1830 fms Form D.  
Albatross sta. 3684  
Aug 26, 1896

DRY (GT JAR)

Flattened and  
labeled  
2/25/88  
No Root ✓

no photo  
no frag

6845

Hyalonema fimbriatum  
9° 02' S 123° 20' W  
2422 fms.  
Albatross sta. 4740  
Feb. 11, 1905

DRY (GT JAR)

dry  
mushy  
head  
No Root ✓

no photo  
no frag

6846

Hyalonema agassizi Ldf.  
0° 04' S. 117° 07' W.  
2320 fms.  
Albatross sta. 4742  
Feb. 15, 1905.

DRY (GT) JAR

3 frags  
heads  
No Root ✓

no photo  
no frag

6851

Hyalonema agassizi Ldf.  
0° 04' S. 117° 07' W.  
2320 fms.  
Albatross sta. 4742  
Feb. 15, 1905 Form F.

DRY GT JAR.

1 small mushy  
head! ✓

88-10-188

6843

Hyalonema fimbriatum  
0° 04' S. 117° 07' W.  
2320 fms  
Albatross sta. 4742  
Feb. 15, 1905

DRY sm - 95 JAR

Fix  
Error → 117°  
3 or 4 heads  
No Root ✓

no photo  
1 frag



7 AUG.  
1988

MCZ-2

SHELF <sup>C47</sup> ~~548~~ - TRAY A CONT'D.

6847

*Hyalonema aequatoriale*

no photo  
no frag.

0° 04' S. 117° 07' W.  
2320 fms.  
Albatross Sta. 4742  
Feb. 15, 1905

DRY '9T' JAR

3" long lead  
flashed only

88-10-18.9

6429p

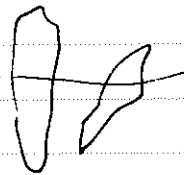
*Holascella ancorata* Lf.

no photo  
1 frag.

Sta. 4649  
Date: Nov. 9.  
Depth 2235 Fms.  
1904-05.

Albatross

DRY ('9T' JAR)



25 small  
pieces.  
on glass plate

6849

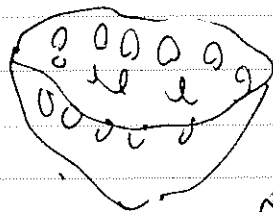
*Hexactinella* sp.

no photo  
no frags

6° 26' N. 81° 49' W.  
774 fms.  
Albatross Sta. 4631  
Nov. 3, 1904

DRY '9T' JAR.

Pacific  
S of Panama



Close photo  
Comic Cap  
Thin shell  
White  
cleaned

6429a

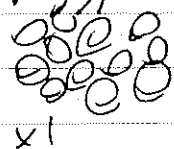
*Rhabdopectella tintinnus* Schm.

no photo  
no frags

Grenada 291 fms.  
CIE Blake no. 260  
Ag. 1878-9  
~~3 cobbles of spicules~~  
3 cobbles of spicules

DRY '95 JAR.

~ 50 small fuzzy 'balls'  
x1



6429k

*Tubus vermisignoti* ??

no photo  
no frag

off Chorrera, Cuba  
270 fms.  
May 29, 1867  
(7)

Cordji  
5.

(DRY '95 JAR)

Worm  
Tubes  
+  
a few worm  
hyalospice  
+ all kinds  
other spice  
- messy

*Tubus vermisignoti*  
e spiculis spongiae ignotae i untextus

SHELF ~~476~~ C47 - TRAY A cont'd.

**6862** *Holtenia pouralesii* Schmidt  
off Sand Key 154 fms.  
F. de Pourtales (52)  
**52** ← metal **154** Vessel?

dry sm. qs.

no photo  
no frag

DM



10x  
xl  
L

**80230** *Holtenia* (phenonema)  
24° 36' N. 84° 06' W.  
955 fms Ag. 1877-78  
Blake Sta. 29 (271)  
**271** ← metal.

sm. dry qs.

no photo  
no frag

DM



xl  
10x  
L

**88-10-18.10** **8023m** *Leiboldium. repletum* Schm.  
Blake 1879  
Bequia 1507 fms  
(297)  
stat. 285 C. I. Exp.  
Ag 79  
St. 285 147 1507 fms.  
Bequia.

DM



sphere in tissue need one edge same!

Temp prep shows an Amphidiscophar  
Very likely the Holotype! - No spec in BM or USNM

no photo  
1 frag

END TRAY A -- START TRAY B!

**6711a** *Farrea* sp.? (sm DRY QT)  
Sta. 4685  
2205 fms.  
Dec. 10, 1904 Albatross

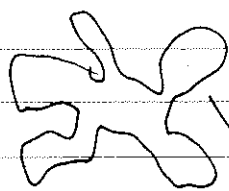
no photo  
no frag



looks like Farrea to me.

**6711b** *Farrea* sp.? (sm. Dry QT.)  
Sta. 4631 Albatross  
Nov. 3 774 fm.  
E. Pac. Exp. 1904/05

no photo  
no frag.



looks OK to me Farrea

V  
st  
V  
Dms  
ic Cap  
well!  
f  
db  
V  
9  
not  
Spis  
and  
is  
y

7 Aug  
1988

MCZ-2 'Wet'

SHELF <sup>C47</sup> ~~476~~ TRAY B CONT'D

no photo  
no frag

6800

*Hyalonema* sp.

(sm. dry, 95.)

Albatross Exp. 1891

Sta 3381

no. 1 of Report, p. 25  
fragment of specimen described



2 small thin sheets

no photo  
no frag

6804

*Hyalonema* ~~sp.~~ *pedunculatum*

(sm. dry, 95.)

Albatross exp. 1891

Sta. 3414.

Fragment of type specimen.



x1

no photo  
no frag.

6809

*Hyalonema* *agujanum*. var *tenuis*

(sm dry 9T)

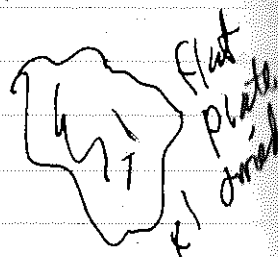
Albatross sta. 4656

found dry nov. 13, 1940

*Hyalonema* (*Prionema*) *agujanum* Lf.  
var. *tenuis* Form B.

Date nov. 13 2222 fths.

Alb. 1904-05.



Flat plate dried  
x1

no photo  
no frag.

6813

*Hyalonema* (*Phialonema*) *pateriferum* Wilson

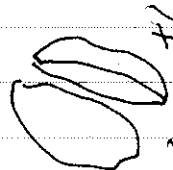
(sm dry 9T)

Form D Station 4656 Albatross

Found Dry nov. 6, 1940

13 NOV. '04 Depth: 2222

E. pac. Ex. 1904/05.



x1  
head - num 2  
No frag.

no photo  
no frags

6814

*Hyalonema* (*Phialonema*) *brevianthora*

(sm dry 9T)

Albatross Exp. sta. 5684

Found dry Nov. 6, 1940

Sta. AA17 (3684)



dry head in photo  
No frag

SHELF ~~C47~~ TRAY B CONT'D.

6833

Hyalonema (Hyalonema) obtusum Ldf. var. robusta (med. DRY GT)

no photo  
no frag

47° 31' 42" N. 152° 32' E.

Albatross sta AA2 (3681)

AUG. 26, 1896 1164 fms.

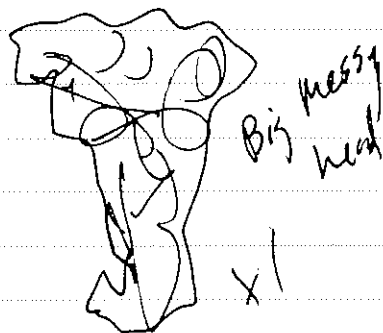
Albatross 1900. 2368

Sta: 2

Date: AUG 27

Repth: 2368

Albatross 1899/1900



6838

Hyalonema

no photo  
no frags

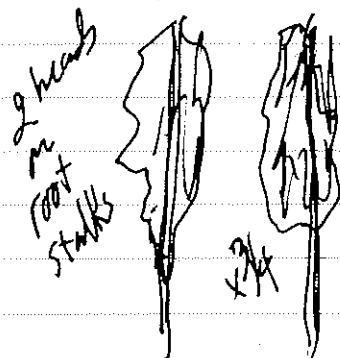
Albatross Exp. Sta. 4656

Lat. 6° 55' S 2222 fms.

Long. 83° 34' W. Nov. 13, 1904

Found dry Dec. 2, 1940

E. Pacific Exp 1904-5.



6852

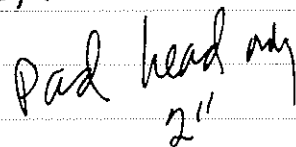
Hyalonema (Prionema) spinosum Ldf. (sm. GT) DRY

no photo  
no frags

8° 04' S. 117° 07' W.

Albatross sta. 4742

Feb. 15, 1905.



6853

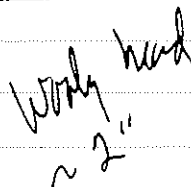
Hyalonema (Phialonema) pateriferum Wilson Form E. (sm GT) DRY

no photo  
no frag

8° 07' 30" S. 104° 10' W.

Albatross sta. 4721

Jan. 15, 1905 2084 fms.



6850

Hexactinella monticularis

(sm. GT) DRY

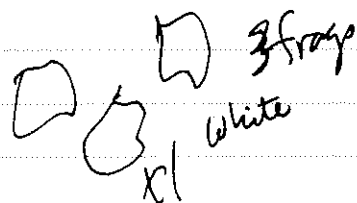
no photo  
no frag

1° 30' 30" S. 89° 48' 30" W.

Albatross sta. 4642

Nov. 7, 1904

Galapagos Is.



7 Aug  
1988

MCZ-2 wet

47  
SHELF ~~26~~ TRAY [B] CONT'D

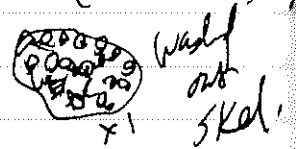
16816

*Hexactinella ventilabrum* (?) Carter

(sm. 95) DRY

no photo  
no frag

Albatross exp. 1891  
Sta. 3404

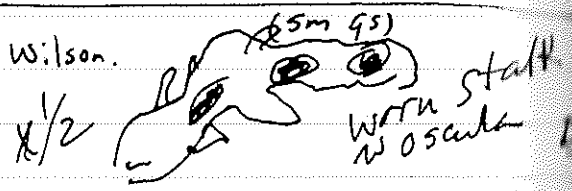


16801

*Sclerothamnopsis compressa* Wilson.

no photo  
no frags

Albatross Exp. 1891  
Sta. 3406

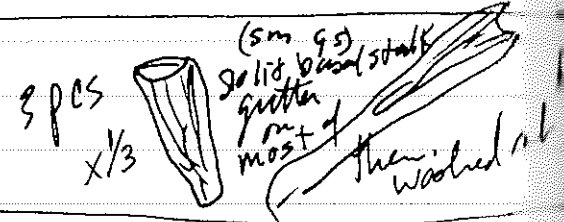


8108

Caulophacidae ?

no photo  
no frags

Sta. AA 134 (3689)  
Albatross



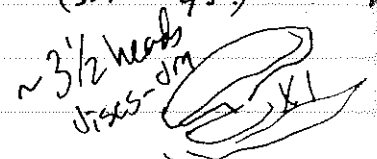
no photo  
no frags

8112

*Caulophacus schultzei* Wilson

(sm 95) DRY

Sta. 3382 Albatross 1891



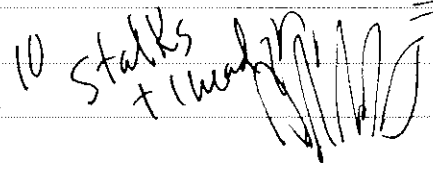
no photo  
no frag

8109

*Caulophacus schultzei* Wilson

(sm 95) DRY

Sta. 4651 Nov. 11  
depth 2222 1904-05 Albatross



no photo  
no frag.

8107

*Caulophacella tenuis* Lf.

arrange on fish - BAD!

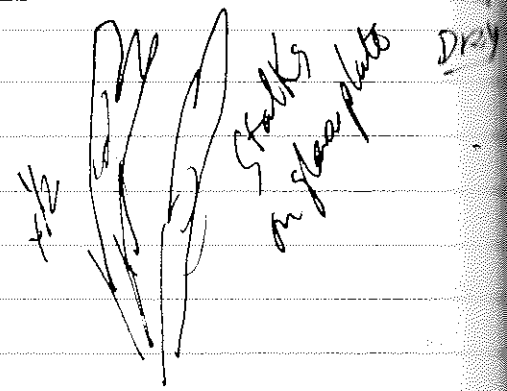
Sta. 4732 Albatross  
Date: 21 Jan Depth: 2072 E. Pac. Ex: 1904-5.

16835

*Holascus edwardsi*

no photo  
no frag

Albatross exp. Sta. 4672  
13° 11' 30" S. 2845 fms  
78° 18' W. NOV. 21, 1904  
Found dry Dec. 2, 1940



SHELF ~~C46~~ <sup>C47</sup> TRAY [B] CONTD

[6711 f]

*Staurocalyptus hammatus* Lof.

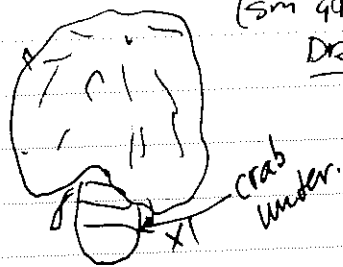
(sm qt) DRY

no photo  
no frag.

Station 4642  
(on *Dicranodromia*)

Date XI 7 Albatross  
E. Pac. Exp. 1904-05

300 fms.



[6711 c]

Euretidae?

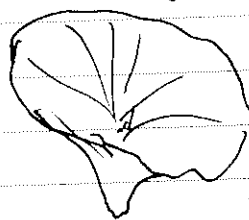
DRY

(sm qt)

no photo  
no frags

Sta. 4651

E. Pac. {Albatross}  
Exp. {1904-05}



thin wall  
funnel  
x 1/2 washed out

[88-10-19.1]

[6711 d]

Euretidae?

(sm qt)

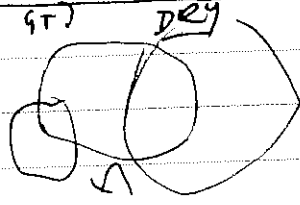
DRY

no photo  
2 frags

Sta. 4651 (B)

Albatross

~ 4 flat plate  
flakes  
washed out



[6711 e]

Euretidae?

(sm qt) DRY

no photo  
no frags

Sta. 4685

Albatross

2205 fms

10 Dec. 1904

little flakes  
looks like emmalated  
via crispies!!

[6711 g]

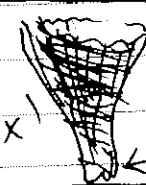
Euretidae?

(sm qt)

no photo  
no frags

Sta. 4695

Albatross



funnel - like funnel.  
held out DRY

END SHELF ~~C46~~ <sup>C47</sup> ! START SHELF C48 ! (TRAY [A] !)

[U-16-13]

*Farrea facunda* Sdt.

(sm sc) DRY

no photo  
no frag.

C.I.E. Blake 1878-9

no. 171 183 fms

8 pcs  
ID looks OK

C.I.E. Blake 1878-9

no. 166 150 fms

Guadeloupe

[283]

[281]

metal.



7 AUG  
1988

MCZ-2

Wet/DM

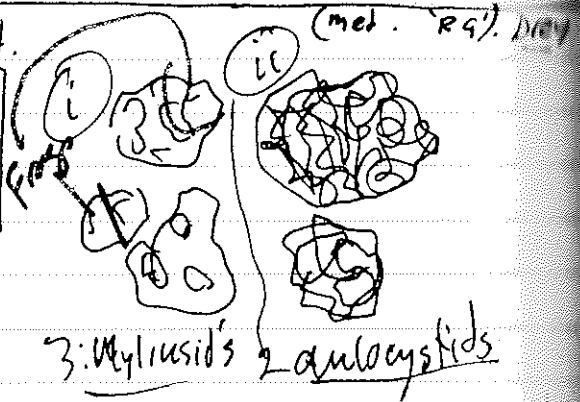
SHELF C48 tray [A] CONT'D

6429 n

Myliaria callocyathus Sdt.  
St. Vincent 88 fms  
Blake 1878-9  
(232)

C.I.E. Blake 1878-9  
no. 232

D. callocyathus Sdt.  
Myliaria 2 Mella



1 photo  
some frags

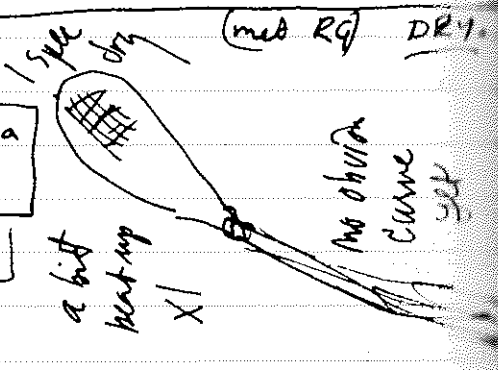
88-10-19.2 ← i  
88-10-19.3 ← ii

neg 9:192:5:1

8023 r

Hyalonema sieboldii  
Grenada 416 fms.  
C.I.E. Blake 1878-9  
C.I.E. Blake 1878-9  
no. 464 416 fms

Hyalonema  
Sieboldii  
464  
no 464  
464  
metal

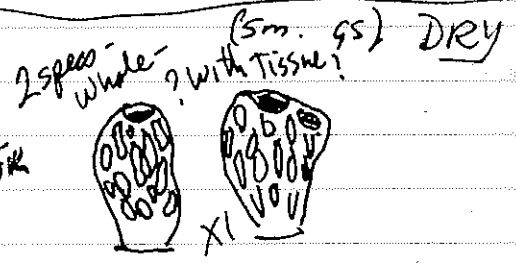


1 photo  
no frags  
neg 9:192:5:2

END TRAY [A] ! START AREA [B] !

88-10-19.4 6865

Volvulina sigsbeeii Schmidt  
Guadeloupe 150 fms.  
Blake 1878-9 Sta. 166 OK  
C.I.E. Blake 1878-9  
no. 166 150 fms.  
NOT ~~correct~~ Station No

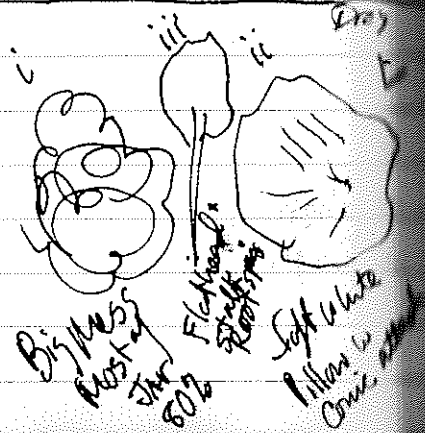


3 photo  
2 frags.  
negs: 9:192:5:3-5

U-16-14

Unid. Hex.  
Sta: 2994 (otter trawl - 35')  
Depth: 1069 meters (Bottom)  
Date: March 15, 1938  
Harvard-Havana Exped. "Atlantis"

1 photo neg 9:192:6:1  
some frags of i, ii, iii:  
88-10-19.5 ← i  
88-10-19.6 ← ii  
88-10-19.7 ← iii



END SHELF C48! END 7<sup>th</sup> Aug. '88  
NONE ON C49-51! BEGIN C52!

MCZ - 2  
Wet (dried)

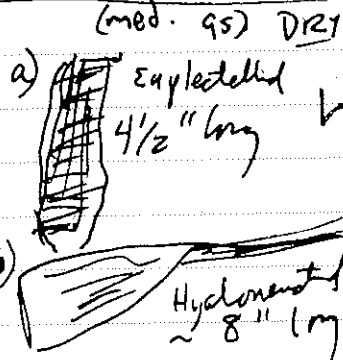
8 AUG  
1988

SHELF C52

U-17-1

Unid. Hex.

Sta. 2987 (Blake trawl (large))  
Depth: 512 m. (Bottom)  
Date: March 13, 1938  
Harvard-Hayanna Exp. "Atlantis"



2 photos  
some frags of a, b

88-10-19.8 ← a  
88-10-19.9 ← b

neg: 9:192:6:2-3

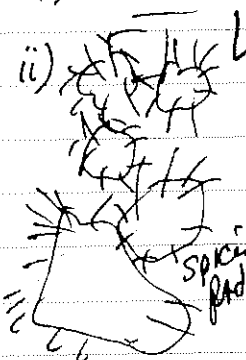
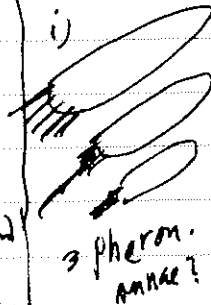
END SHELF C52; BEGIN SHELF C53!

88-10-20.1

U-17-2

Unid. Hex.

"Atlantis" 1938  
Date: Feb. 18  
Station no: 2960  
Haul no: Blake trawl  
Depth: 393 meters (bottom)  
(Picked out)



(med. R9) WET

1 photo  
2 frags [ii only]

neg 9:192:6:4

88-10-20.2

U-17-3

Unid. Hex.

"Atlantis" 1938  
March 13  
Sta. 2987  
Blake trawl (large)  
512 m (Bottom)

"Atlantis" 1938  
March 13  
Sta. 2987-A  
Blake trawl (large)  
521 m. (Bottom)

WET

2 photos  
some frags [of all but (vi)]

88-10-20.2 ← i

88-10-20.3 ← ii

88-10-20.4 ← iii

88-10-20.5 ← iv

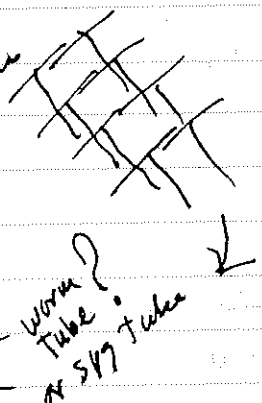
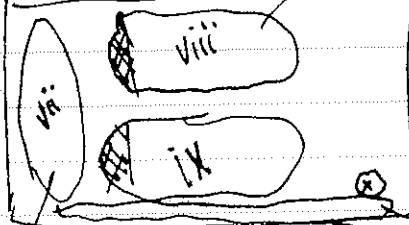
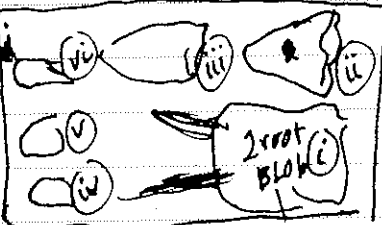
88-10-20.6 ← v

88-10-20.7 ← vi

88-10-20.8 ← vii

88-10-20.9 ← viii

88-10-20.10 ← ix



Exp. in tissue handled by Amy Spina

photo 2

202  
203  
204  
205  
206  
207  
208  
209  
210

8 Aug.  
1988

MCL-2

SHELF C53 cont'd.

WET (med. GS.)

88-10-21.1 | U-17-4

Unid. Hex.

Sta: 2999 Blake Trawl (10)

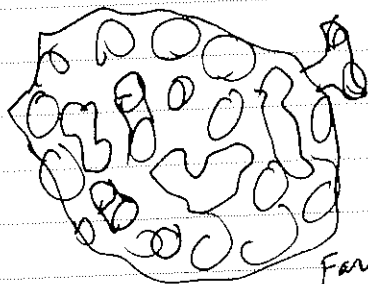
Lat: 23° 10' [N]

Long: 81° 29' [W]

Depth: 230 fathoms

Date: March 17 1938

Harvard-Havana Exp. Atlantic



12 cm

Farrea faucon!

1 photo  
2 frag

neg 9:193:1:5

END SHELF C53! START SHELF C54!

6855

*Hyalonema agassizi* Ldf.

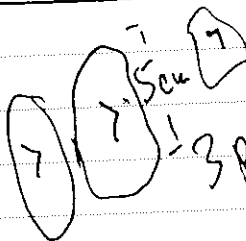
9° 02' S 123° 20' W.

2422 fms. Form C

Albatross sta. 4740

Feb. 11, 1905.

no photo  
no frag



med. GT DRY

3 pcs each spec  
No Roots

6839

*Lanugonychia flabellum*

Albatross exp. Sta. 4695

Lat. 25° 22' 30" S. 2020 fms

Long. 107° 45' W. Dec. 23, 1904

no photo  
no frag

Dried out

Flattened on a plate  
7 1/2" tall

Root stalk

88-10-21.2 | 6836

*Holascus edwardsi*

Albatross sta. 4672

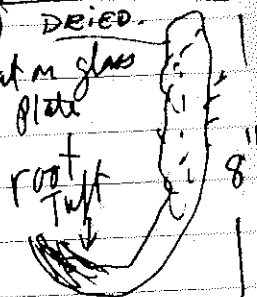
Lat. 13° 11' 30" S 2845 fms

Long. 78° 18' W. Nov. 21, 1904

STALKS Found dry Dec. 2, 1940

no photo  
1 frag

(med. GT) Dried flat on glass plate



(Lg. GT) DRY

88-10-21.3

6840 A

*Holascella taraxacum* Ldf.

5° 17' S. 85° 20' W.

2235 fms Nov. 9, 1904

Albatross sta. 4649.

no photo  
some frags

Dried flat on glass plate BAD!



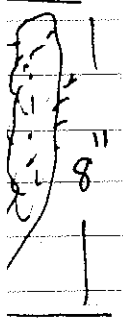
END ROLL 15

Hexacts	Brit Mus	MCZ
Dry	322	
wet	418	
(Types)		
Totals	740	

see ?  
under

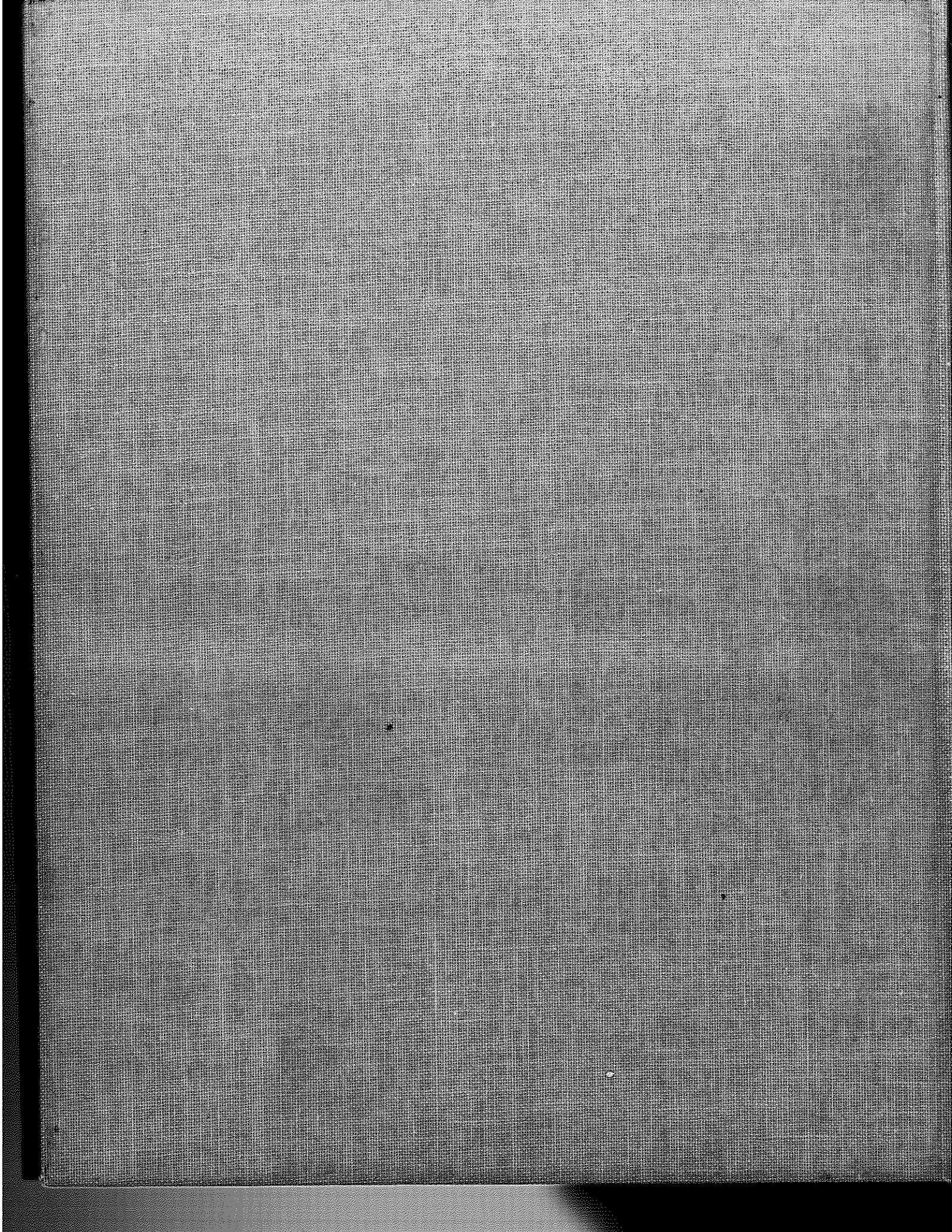
DRY

l on a  
plate



Field Note  
Combine Book  
#12





FIELD NOTES

13 JUN 88

8 AM 988

MCC-2