

Supplemental Table 2: Antarctic bryozoan species grouped by degree of mineralization: fine, moderate, and heavy.

Genus species	Skeleton
<i>Adelascopora jeqolqa</i>	Fine
<i>Adelascopora secunda</i>	Fine
<i>Austroflustra vulgaris</i>	fine
<i>Beania challengerii</i>	fine
<i>Beania costata</i>	fine
<i>Beania erecta</i>	fine
<i>Beania inermis</i>	fine
<i>Beania livingstonei</i>	fine
<i>Beania scotti</i>	fine
<i>Bugula longissima</i>	fine
<i>Bugulella gracilis</i>	fine
<i>Bugulella klugei</i>	fine
<i>Caberea darwinii</i>	fine
<i>Camptoplites angustus</i>	fine
<i>Camptoplites areolatus</i>	fine
<i>Camptoplites bicornis</i>	fine
<i>Camptoplites bicornis magna</i> subspecies	fine
<i>Camptoplites diaphanus</i>	fine
<i>Camptoplites giganteus</i>	fine
<i>Camptoplites latus</i>	fine
<i>Camptoplites lewaldi</i>	fine
<i>Camptoplites rectilinearis</i>	fine
<i>Camptoplites retiformis</i>	fine
<i>Camptoplites tricornis</i>	fine
<i>Carbasea curva</i>	fine
<i>Carbasea ovoidea</i>	fine
<i>Flustra angusta</i>	fine
<i>Flustra vanhoeffeni</i>	fine
<i>Flustrapora magellanica</i>	fine
<i>Himantozoum antarcticum</i>	fine
<i>Himantozoum obtusum</i>	fine
<i>Isosecuriflustra angusta</i>	fine
<i>Isosecuriflustra tenuis</i>	fine
<i>Isosecuriflustra thysanica</i>	fine
<i>Klugeflustra antarctica</i>	fine
<i>Klugeflustra drygalskii</i>	fine
<i>Klugeflustra onychocelloides</i>	fine
<i>Klugeflustra vanhoeffeni</i>	fine
<i>Kymella polaris</i>	fine
<i>Nematoflustra flagellata</i>	fine
<i>Notoplites antarcticus</i>	fine
<i>Notoplites drygalskii</i>	fine
<i>Notoplites elongatus</i>	fine
<i>Notoplites klugei</i>	fine
<i>Notoplites tenuis</i>	fine

<i>Notoplites uniserialis</i>	fine
<i>Notoplites vanhoffeni</i>	fine
<i>Notoplites watersi</i>	fine
<i>Antarcticaetos bubeccata</i>	Heavy
<i>Buffonellaria frigida</i>	Heavy
<i>Buffonellodes antarctica</i>	Heavy
<i>Buffonellodes ridleyi</i>	Heavy
<i>Cellarinella anomala</i>	Heavy
<i>Cellarinella dubia</i>	Heavy
<i>Cellarinella edita</i>	Heavy
<i>Cellarinella foveolata</i>	Heavy
<i>Cellarinella latilaminata</i>	Heavy
<i>Cellarinella laytoni</i>	Heavy
<i>Cellarinella margueritae</i>	Heavy
<i>Cellarinella njegovanae</i>	Heavy
<i>Cellarinella nodulata</i>	Heavy
<i>Cellarinella nutti</i>	Heavy
<i>Cellarinella rogickae</i>	Heavy
<i>Cellarinella rossi</i>	Heavy
<i>Cellarinella roydsi</i>	Heavy
<i>Cellarinella stellaepolaris</i>	Heavy
<i>Cellarinella terminata</i>	Heavy
<i>Cellarinella virgula</i>	Heavy
<i>Cellarinella watersi</i>	Heavy
<i>Cellarinella weddelli</i>	Heavy
<i>Cellarinelloides crassus</i>	Heavy
<i>Fasciculipora ramosa</i>	Heavy
<i>Hornera antarctica</i>	Heavy
<i>Hornera smitti</i>	Heavy
<i>Isoschizoporella secunda</i>	Heavy
<i>Isoschizoporella similis</i>	Heavy
<i>Isoschizoporella tricusps</i>	Heavy
<i>Isoschizoporella virgula</i>	Heavy
<i>Orthoporida brachyrhyncha</i>	Heavy
<i>Orthoporida compacta</i>	Heavy
<i>Orthoporida stenorhyncha</i>	Heavy
<i>Osthimosia bicornis</i>	Heavy
<i>Osthimosia clavata</i>	Heavy
<i>Osthimosia claviformis</i>	Heavy
<i>Osthimosia curtioscula</i>	Heavy
<i>Osthimosia eatonensis</i>	Heavy
<i>Osthimosia fusticula</i>	Heavy
<i>Osthimosia granum</i>	Heavy
<i>Osthimosia malingae</i>	Heavy
<i>Osthimosia mariae</i>	Heavy
<i>Osthimosia milleporoides</i>	Heavy

<i>Osthimosia notialis</i>	Heavy
<i>Osthimosia rogicki</i>	Heavy
<i>Osthimosia rudicula</i>	Heavy
<i>Osthimosia signata</i>	Heavy
<i>Polirhabdotos inclusum</i>	Heavy
<i>Reteporella antarctica</i>	Heavy
<i>Reteporella beaniana</i>	Heavy
<i>Reteporella erugata</i>	Heavy
<i>Reteporella frigida</i>	Heavy
<i>Reteporella gelida</i>	Heavy
<i>Reteporella hippocrepis</i>	Heavy
<i>Reteporella lepralioides</i>	Heavy
<i>Reteporella longichila</i>	Heavy
<i>Reteporella parva</i>	Heavy
<i>Reteporella protecta</i>	Heavy
<i>Systemopora contracta</i>	Heavy
<i>Aimulosia antarctica</i>	moderate
<i>Aimulosia australis</i>	moderate
<i>Amastigia abyssicola</i>	moderate
<i>Amastigia antarctica</i>	moderate
<i>Amastigia cabereoides</i>	moderate
<i>Amastigia gaussi</i>	moderate
<i>Amastigia solida</i>	moderate
<i>Amphiblestrum familiaris</i>	moderate
<i>Amphiblestrum henryi</i>	moderate
<i>Amphiblestrum inermis</i>	moderate
<i>Amphiblestrum rossi</i>	moderate
<i>Amphiblestrum familiaris</i>	moderate
<i>Antarctothoa bougainvillei</i>	moderate
<i>Antarctothoa haywardi</i>	moderate
<i>Bostrychopora dentata</i>	moderate
<i>Cellaria aurorae</i>	moderate
<i>Cellaria clavata</i>	moderate
<i>Cellaria coronata</i>	moderate
<i>Cellaria diversa</i>	moderate
<i>Cellaria incula</i>	moderate
<i>Cellaria malvinensis</i>	moderate
<i>Cellaria moniliorata</i>	moderate
<i>Cellaria sobrinioi</i>	moderate
<i>Cellariaeforma extentamuralis</i>	moderate
<i>Ellisina antarctica</i>	moderate
<i>Ellisina constantia</i>	moderate
<i>Ellisina incrustans</i>	moderate
<i>Larvaporu mawsoni</i>	moderate
<i>Melicerita blancoae</i>	moderate
<i>Melicerita digeronimoi</i>	moderate