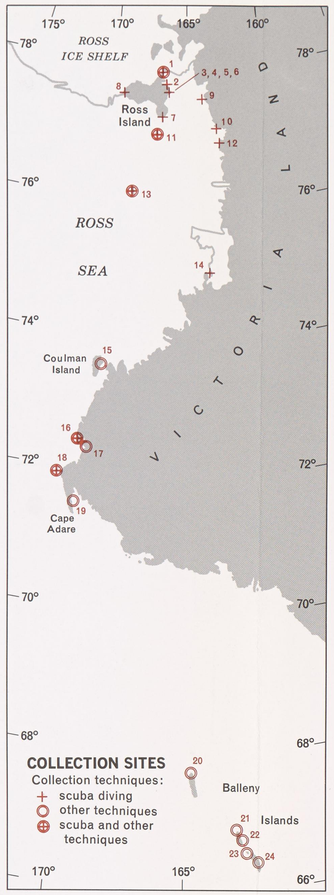
SEAWEEDS

SHEET 1 (ZANEVELD)

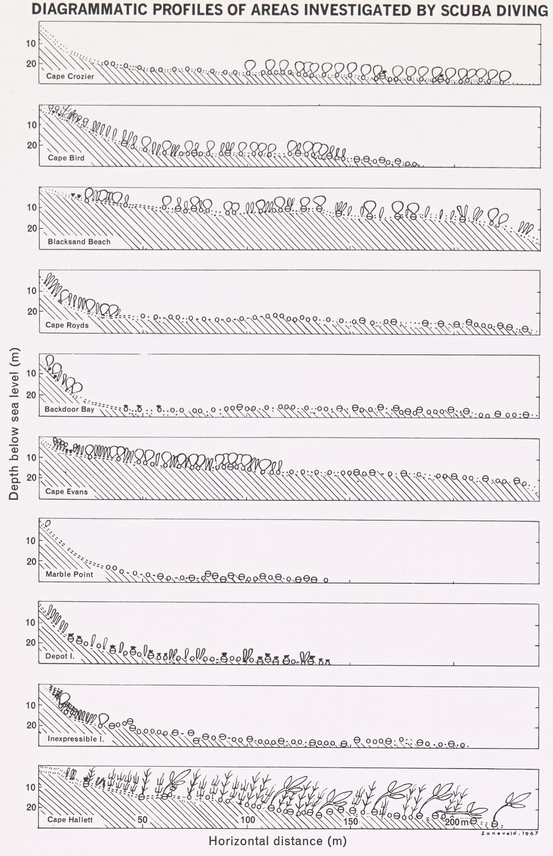


COLLECTION SITES

Collection techniques:

- + scuba diving
- ○ other techniques
- ⊕ scuba and other techniques

DIAGRAMMATIC PROFILES OF AREAS INVESTIGATED BY SCUBA DIVING



EXPLANATION OF PROFILES

Algae depicted

- *Desmarestia menziesii* J. Agardh
- *Phyllogigas grandifolius* (A. and E. S. Gepp) Skottsberg
- *Monostroma hariotii* Gain
- *Hildenbrandia lecannellieri* Hariot
- *Iridaea obovata* Kützing
- *Leptosomia simplex* (A. and E. S. Gepp) Kylin
- *Phycodrys antarctica* (Skottsberg) Skottsberg
- *Phyllophora antarctica* (A. and E. S. Gepp)
- *Plocamium coccineum* (Hudson) Lyngbye

Sediment size

- mud, 1/256 to 1/16 mm
- sand, 1/16 to 2 mm
- granules, 2 to 4 mm
- pebbles, 4 to 64 mm
- cobbles, 64 to 256 mm
- boulders >256 mm

LIST OF COLLECTION SITES WITH DESCRIPTIVE DATA

Locality No.	Locality Name	Ice Cover	Collection Technique	Bottom Composition
1	Cape Armitage	■	ScD, TAC	VoGRA, PEB, COB
2	Cape Evans	◪	ScD	VoSAF, GRA, PEB, COB, BOUL
3	Backdoor Bay	◪	ScD	VoSAF, GRA, PEB, COB, BOUL
4	Cape Royds	◪	ScD	VoSAF, GRA, PEB, COB, BOUL
5	Blacksand Beach	◪	ScD	VoSAF, GRA, PEB, COB, BOUL
6	Horseshoe Bay	◪	ScD	VoSAF, GRA, BOUL
7	Cape Bird	◪	ScD	VoSAF with shells, PEB, COB, BOUL
8	Cape Crozier	◪	ScD	VoSAF, PEB, COB
9	Marble Point	◪	ScD	GrGRA, BOUL
10	Granite Harbor	◪	ScD	GrGRA, BOUL
11	Beaufort I.	□	ScD, TAC, TBL	VoSAF with shells, BOUL
12	Depot I.	◪	ScD	VoGRA, PEB, COB, BOUL
13	Franklin I.	□	ScD, GHO, TAS, TBL	VoGRA, PEB, COB, BOUL
14	Inexpressible I.	◪	ScD	VoSAM, GRA, BOUL
15	Coulman I.	◪	DCM, GHO, TBL	MUC, PEB, COB
16	Cape Hallett	◪	ScD, DCM, TAC	MUS, GRA, PEB, COB
17	Moubray Bay	□	DCM, TAC, TBL	MUC, BOUL
18	Possession Is.	□	ScD, DCM, TAS, TBL	VoSAC, GRA, PEB, COB, BOUL
19	Robertson Bay	◪	DCM, TBL	VoSAM, GRA, PEB, COB
20	Sturge I.	□	DCM, TAS, TBL	MUC, PEB, COB
21	Sabrina I.	□	TBL	VoSAF, PEB, COB
22	Buckle I.	□	DCM, TAS, TBL	MUC, VoGRA, PEB, COB
23	Borradaile I.	□	DCM, TAS, TBL	SAF, VoGRA, PEB, COB
24	Young I.	□	DCM, TAS, TBL	MUC, VoGRA, PEB, COB

EXPLANATION OF SYMBOLS USED IN TABLE

Ice Cover

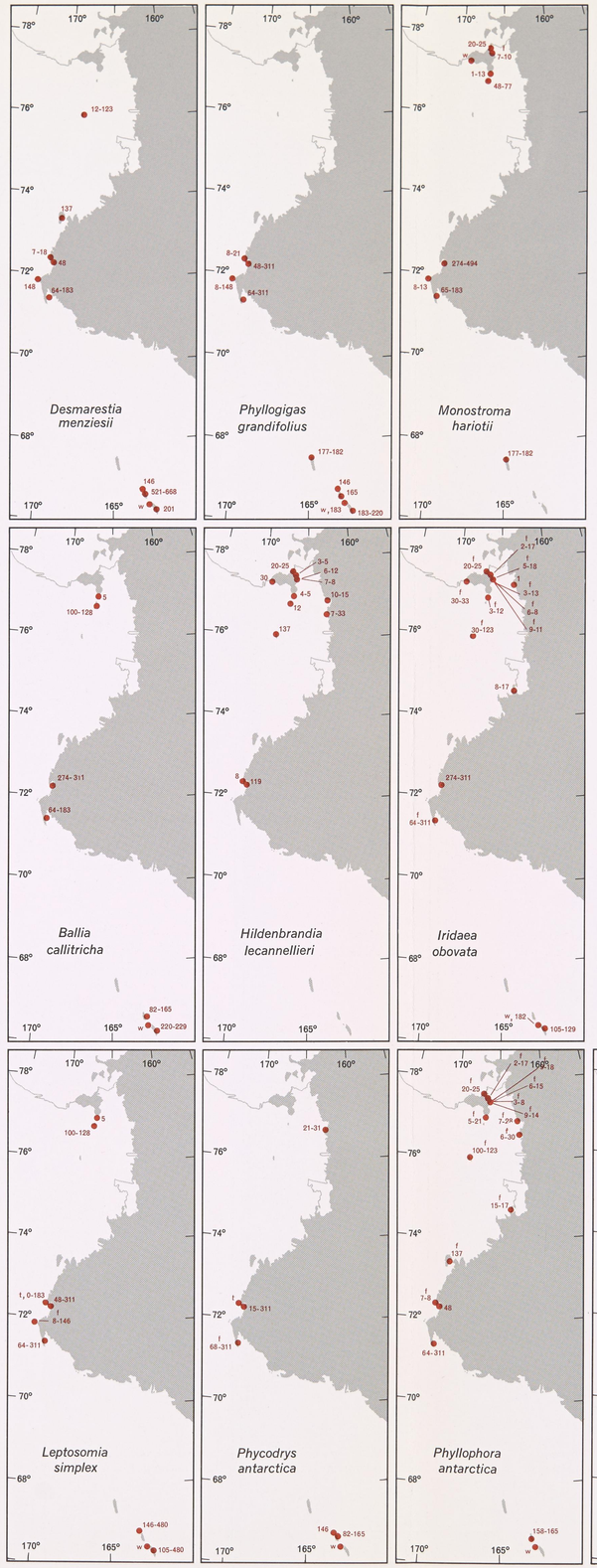
■ = ice covered
□ = open water
◪ = ice covered most of the time

Collection technique

DCM = dredge, cone shaped, medium
GHO = grab, orange peel
ScD = scuba-diving
TAS = Agassiz trawl, small
TAC = Agassiz trawl, Caribbean
TBL = Blake trawl, large

Bottom composition

Vo = volcanic (basaltic)
Gr = granite
MUC = mud, clay
MUS = mud, silt
SAF = fine sand
SAM = medium sand
SAC = coarse sand
GRA = gravel
PEB = pebbles
COB = cobbles
BOUL = boulders



DISTRIBUTION OF DOMINANT SPECIES

Site of collection record, with depth range in meters; f = fructifying, w = washed ashore, t = tide pool.

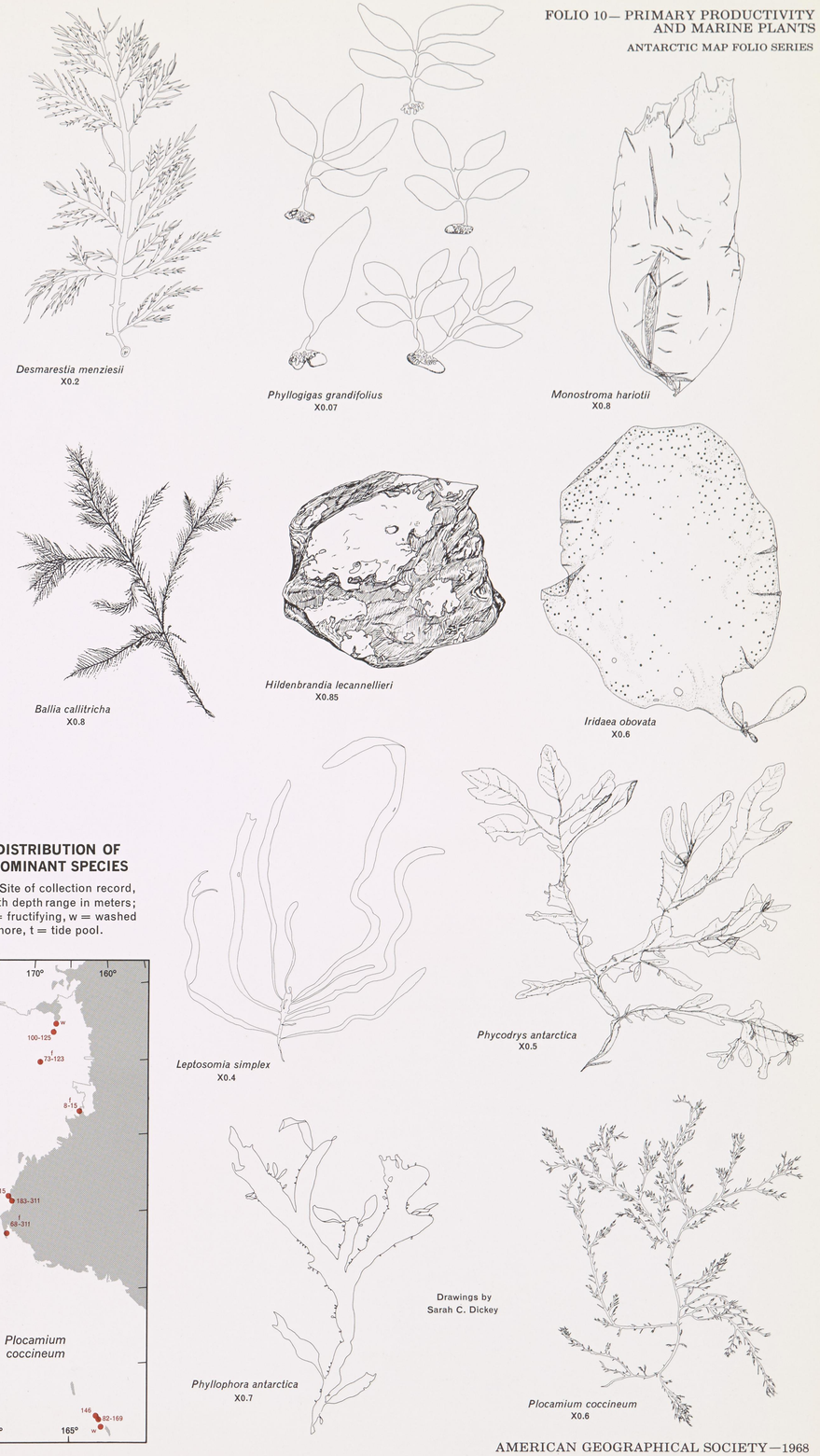


PLATE 13

FOLIO 10— PRIMARY PRODUCTIVITY AND MARINE PLANTS

ANTARCTIC MAP FOLIO SERIES

AMERICAN GEOGRAPHICAL SOCIETY—1968