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Anne M. Lewis

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PHYTOSOCIOLOGICAL STUDIES IN THE
NORTHERN ISLES OF SHETLAND

By

Anne M. Lewis
(B.Sc. Dunelm)

Vol. 2.

A Thesis
submitted for the Degree
of Doctor of Philosophy
in the University of Durham.

Department of Botany.

November, 1976.



SHINGLE AND BOULDER BEACHES

003

5	5	1	1	5	5	9	1	6	6	5	6	6	6	1	1	5	5	5	5	6	0	5	9	5	5	6	0	0	5	5	6	6	0	6	6
1	1	6	5	2	9	0	5	4	5	2	1	5	5	5	5	8	1	8	8	5	5	9	6	1	3	5	5	5	8	1	1	1	5	1	0
8	9	8	9	1	1	5	7	9	1	0	9	0	2	6	8	7	4	6	9	2	7	0	6	3	1	4	6	4	8	7	8	7	5	0	2

[illegible]

ALSO :

1	ACHI	MILL	619	7	ANTH	SYLV	619	11	BELL	PERE	521	159
12	CAKI	MARI	650 654	14	CAPS	BURS	57	18	CIRS	ARVE	519	
19	CIRS	PALU	619	24	ELYM	AREN	619	25	EPIL	PALU	514	
27	EUPH	SP.	159	30	GERA	PRAT	619	34	HOLC	LANA	521	159
43	LATH	MARI	619	44	LECN	AUTU	905 159	45	LGLI	PERE	521	168
46	LGTU	CORN	619	52	MONT	FGNT	514	54	MYGS	BICO	519	
57	PLAN	CORG	159	69	RUME	ACET	650	72	SAGI	PROC	905	159
73	SALI	SP.	602	77	SONC	ASPE	617 56	79	SPER	MEDI	602	617
82	SUED	MARI	617	83	TARA	SPEC	905	87	URTI	DIQI	57	619
88	URTI	UREN	519	93	BARB	RECU	905	95	CAMT	SERI	905	
104	SILE	MARI	159	105	POA	TRIV	168					

PHYTOSOCIOLOGICAL TABLE OUTPUT

=====

- (1) THE NUMBERS ACROSS THE TOP OF THE TABLE ARE THE SERIAL NUMBERS OF THE RELEVES (READING DOWNWARDS).
- (2) A MAXIMUM OF 55 RELEVES CAN BE PRINTED ACROSS ONE PAGE OF A TABLE. WHEN THE NUMBER INVOLVED IS GREATER THAN THIS THE SUBSEQUENT PAGES OF THE TABLE ARE PRINTED BELOW ONE ANOTHER. THESE CONTINUATION PAGES ARE READILY IDENTIFIED BY THE ABSENCE OF A TITLE (EXCEPT FOR THE TABLE NUMBER).
- (3) THE SPECIES NAMES AND REFERENCE NUMBERS ARE LISTED DOWN THE LEFT-HAND SIDE OF THE TABLE. IN CASE OF AMBIGUITY OR DOUBT AS TO THE SPECIES THEY REFER TO, CONSULT THE COMPLETE SPECIES LISTING AT THE END.
- (4) THE COVER-ABUNDANCE DATA ARE RECORDED IN THE TABLE. THE DEGREES OF COVER-ABUNDANCE REPRESENTED BY THE SYMBOLS ARE GIVEN IN THE TABLE OPPOSITE. DOTS, WHEN PRESENT, ARE EQUIVALENT TO BLANKS.
- (5) RARE SPECIES WITH ONLY FEW OCCURRENCES ARE PRINTED BENEATH THE TABLE. THE ACCOMPANYING NUMBERS INDICATE THE RELEVES IN WHICH THEY OCCURRED
- (6) A LIST IS INCLUDED OF THE LOCATIONS AND GRID REFERENCES OF THE SITES. THERE IS ALSO A LIST OF THE SYNTAXA THAT ARE REPRESENTED IN THE TABLE AND REFERENCED BY NUMBERS WRITTEN ACROSS THE TOP.

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COVER-ABUNDANCE SCALE

SYMBOL	COVER/ABUNDANCE
5	80% - 100%
4	60% - 80%
3	40% - 60%
2	20% - 40%
1	1% - 20%
+	<1%
-	ADDITIONAL SPECIES

ANNE M. LEWIS
DEPT. OF BOTANY,
DURHAM UNIVERSITY.

SPECIES LIST

=====

THE SPECIES REFERENCED IN THE TABLES
ARE HERE LISTED SEQUENTIALLY ACCORDING TO THEIR
REFERENCE NUMBERS. THIS LISTING SHOULD BE
CONSULTED IN CASES OF AMBIGUITY OR DOUBT AS TO
THE SPECIES REFERRED TO BY THE ABBREVIATIONS
IN THE TABLES.

001	ACHILLEA	MILLEFOLIUM
002	AGROPYRON	REPENS
003	AGROSTIS	STOLONIFERA
004	AGROSTIS	TENUIS
005	ALOPECURUS	GENICULATUS
006	ANTHOXANTHUM	ODORATUM
007	ANTHRISCUS	SYLVESTRIS
008	ARMERIA	MARITIMA
009	ARRENATHERUM	ELATIUS
010	ATRIPLEX	PATULA
011	BELLIS	PERENNIS
012	CAKILE	MARITIMA
013	CALTHA	PALUSTRIS
014	CAPSELLA	BURSA-PASTORIS
015	CARDAMINE	PRATENSIS
016	CAREX	NIGRA
017	CERASTIUM	HOLCSTEoidES
018	CIRSIIUM	ARVENSE
019	CIRSIIUM	PALUSTRE
020	CIRSIIUM	VULGARE
021	COCHLEARIA	OFFICINALIS
022	CYNOSURUS	CRISTATUS
023	ELEGCHARIS	PALUSTRIS
024	FLYMUS	ARENARIUS
025	EPILCBIUM	PALUSTRE
026	EQUISETUM	ARVENSE
027	EUPHRASIA	SP.
028	FESTUCA	RUBRA
029	GALIIUM	APARINE
030	GERANIUM	PRATENSE

031	GERANIUM	ROBERTIANUM
032	GLYCERIA	FLUITANS
033	HERACLEUM	SPHONDYLUM
034	HOLCUS	LANATUS
035	HONKENYA	PEPLOIDES
036	HYDROCOTYLE	VULGARE
037	JUNCUS	ARTICULATUS
038	JUNCUS	BUFCNIUS
039	JUNCUS	CONGLOMERATUS
040	JUNCUS	EFFUSUS
041	JUNCUS	GERARDII
042	JUNCUS	KOCHII
043	LATHYRUS	MARITIMA
044	LEONTODON	AUTUMNALIS
045	LOLIUM	PERENNE
046	LOTUS	CORNICULATUS
047	LUZULA	MULTIFLORA
048	MATRICARIA	MATRICARIOIDES
049	MENTHA	AQUATICA
050	MERTENSIA	MARITIMA
051	MIMULUS	GUTTATUS
052	MONTIA	FONTANA
053	MYOSOTIS	ARVENSIS
054	MYOSOTIS	BICOLOR
055	MYOSOTIS	CAESPITOSA
056	MYOSOTIS	SECUNDA
057	PLANTAGO	CORONOPUS
058	PLANTAGO	LANCEOLATA
059	PLANTAGO	MARITIMA
060	POA	ANNUA
061	POA	SUBCAERULEA
062	POTENTILLA	ANSERINA
063	PUCCINELLIA	MARITIMA
064	RANUNCULUS	ACRIS
065	RANUNCULUS	REPENS
066	RAPHANUS	RAPHANASTRUM
067	RHINANTHUS	MINOR
068	RUMEX	ACETOSA
069	RUMEX	ACETOSELLA
070	RUMEX	CRISPUS
071	RUMEX	LONGIFOLIUS
072	SAGINA	PROCUMBENS
073	SALICORNIA	SP.
074	SENECIO	AQUATICUS
075	SILENE	DIOICA
076	SINAPSIS	ARVENSIS
077	SONCHUS	ASPER
078	SPERGULARIA	ARVENSIS
079	SPERGULARIA	MEDIA
080	SILENE	MARITIMA
081	STELLARIA	MEDIA
082	SUEDEA	MARITIMA
083	TARAXACUM	SPECTABILE
084	TRIFOLIUM	REPENS
085	TRIFOLIUM	PRATENSE
086	TRIPLEURCSPERMUM	MARITIMUM
087	URTICA	DIOICA
088	URTICA	URENS
089	VICCIA	CRACCA
090	VIOLA	PALUSTRIS

091	ACROCLADIUM	CUSPIDATUM
092	AMBLYSTEGIUM	SERPENS
093	BARBULA	RECURVIROSTRA
094	BRACHYTHECIUM	RUTABULUM
095	CANTOTHECIUM	SERICEUM
096	EURHYNCHIUM	PRAE LONGUM
097	HYPNUM	CUPRESSIFORME
098	LOPHOCOLEA	CUSPIDATUM
099	MNIUM	HORNUM
100	PELLIA	EPIPHYLLA
101	POHLIA	DELICATULA
102	RHYTIDIADELPHUS	SQUARROSUS
103	DESCHAMPSIA	CESPITOSA
104	SILENE	MARITIMA
105	POA	TRIVIALIS
106	CERASTIUM	CH

##

##

SYNTAXA:

- 004: Group 1 - (*Rumex acetosa* variant)-*Lolio-Cynosuretum*
(5.2.2.1.1.2.).
- 005: Group 1 p.p. - *Camptothecio-Asperuletum cyanichae*.
Carex arenaria sub-association (5.2.2.1.).
- 006: Group 2 - *Elymo-Agrophyretum junceiforme* (5.2.2.2.)
- 007: Group 3 - *Elymo-Agrophyretum junceiforme* (5.2.2.3.).
- 008: Group 4 - *Elymo-Agrophyretum junceiforme* (5.2.2.4.).

SAND DUNE SITES (continued).

975	West Sandwick, Yell.	HU446890
976	"	"
977	"	"
978	"	"
979	"	"
980	"	HU447890
981	"	"
982	"	"
983	"	"
984	"	"
985	"	"
986	"	"

SAND DUNE SITES.

<u>AUFNAHME NO.</u>	<u>LOCATION.</u>	<u>GRID REFERENCE.</u>
021	Skaw, Unst.	HP659166
023	"	"
024	"	"
025	"	"
029	Burrafirth, Unst.	HP612141
030	"	"
031	"	"
032	"	"
051	Breckin, Yell.	HP531055
052	"	"
053	"	"
054	"	"
055	"	HP528053
056	"	HP526053
057	"	"
107	Sandwick, Unst.	HP520021
108	"	"
109	"	"
110	"	"
111	"	"
114	Papil Water, Fetlar.	HP606904
115	"	"
116	"	"
117	"	"
447	Gloup, Yell.	HP505045
448	"	HP506045
449	"	"
450	"	HP505045
462	Breckin, Yell.	HP531051
463	"	"
464	"	"
465	"	"
619	Norwick, Unst.	HP562146
621	"	"
622	"	"
623	"	"
624	"	"
625	"	"
626	"	"
627	"	"
634	Lund, Unst.	HP573043
635	"	"
636	"	"
637	"	"
638	"	"
974	West Sandwick, Yell.	HU446890

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IN THE TABLES.

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002	AGROPYRON	JUNCIFORME
003	AGROPYRON	REPENS
004	AGROSTIS	CANINA
005	AGROSTIS	STOLONIFERA
006	AGROSTIS	TENUIS
007	AIRA	PRAECOX
008	AMMOPHILA	ARENARIA
009	ANGELICA	SYLVESTRIS
010	ANTHOXANTHUM	ODORATUM
011	ANTHYLLIS	VULNERARIA
012	ARMERIA	MARITIMA
013	ARPHENATHERUM	ELATIUS
014	ARTEMISIA	VULGARIS
015	ATRIPLEX	GLABIRUSCULA
016	ATRIPLEX	PATULA
017	BELLIS	PERENNIS
018	CALTHA	PALUSTRIS
019	CAPSELLA	BURSAPASTORIS
020	CARDAMINE	PRATENSIS
021	CAREX	ARENARIA
022	CAREX	FLACCA
023	CAREX	MARITIMA
024	CAREX	NIGRA
025	CERASTIUM	DIFFUSUM
026	CERASTIUM	HOLOSTEGIDES
027	CERASTIUM	GLOMERATUM
028	CIRSIIUM	VULGAPE
029	CIRSIIUM	CH
030	COCHLEARIA	OFFICINALIS

031	CYNOSURUS	CRISTATUS
032	DACTYLIS	GLOMERATA
033	ELECCHARIS	MULTIFLORA
034	ELYMUS	ARENARIUS
035	EPILOBIUM	PALUSTRE
036	EQUISETUM	ARVENSE
037	EQUISETUM	PALUSTRE
038	EQUISETUM	SYLVATICA
039	EUPHRASIA	AGG
040	FESTUCA	RUBRA
041	GALIUM	APARINE
042	GALIUM	PALUSTRE
043	GALIUM	VERUM
044	GENTIANELLA	CAMPESTRIS
045	CAKILE	MARITIMA
046	HOLCUS	LANATUS
047	HONKENYA	PEPLOIDES
048	JUNCUS	ARTICULATUS
049	JUNCUS	KOCHII
050	LAMIUM	MOLUCCCELLIFOLIUM
051	LEONTODON	AUTUMNALIS
052	LINUM	CATHARTICUM
054	LOTUS	CORNICULATUS
053	LOLIUM	PERENNE
055	TRIFOLIUM	CH
056	LUZULA	CAMPESTRIS
057	LUZULA	MULTIFLORA
058	MATRICARIA	MATRICARIOIDES
059	MYOSOTIS	ARVENSIS
060	MYOSOTIS	CAESPITCSA
061	MYOSOTIS	SECUNDA
062	PEUCEDANUM	OSTRUTHIUM
063	PLANTAGO	CORONOPUS
064	PLANTAGO	LANCEOLATA
065	PLANTAGO	MAJOR
066	PLANTAGO	MARITIMA
067	PLANTAGO	MEDIA
068	POA	ANNUA
069	POA	SUBCAERULEA
070	POTENTILLA	ANSERINA
071	PRUNELLA	VULGARIS
072	RANUNCULUS	ACRIS
073	RANUNCULUS	FLAMMULA
074	RANUNCULUS	REPENS
075	RAPHANUS	RAPHANASTRUM
076	RHINANTHUS	MINOR
077	RUMEX	ACETOSA
078	RUMEX	CRISPUS
079	RUMEX	LONGIFOLIUS
080	SAGINA	NODOSA
081	SAGINA	PROCUMBENS
082	SENECIO	PALUSTRIS
083	SILENE	DIQICA
084	SCILLA	VERNA
085	SONCHUS	ASPER
086	SONCHUS	CH
087	STELLARIA	MEDIA
088	TARAXACUM	SPECTABILE
089	THYMUS	DRUCEI
090	TRIFOLIUM	REPENS

091	TRIPLEURCSPERMUM	MARITIMUM
092	URTICA	DIOICA
093	URTICA	URENS
094	VICCIA	SP
095	VICCIA	CRACCA
096	VIOLA	RIVINIANA
097	SELAGINELLA	SELAGINCIDES
098	PELTIGERA	CANINA
099	ACROCLADIUM	CUSPIDATUM
100	ACROCLADIUM	GIGANTEUM
101	BRACHYTECIUM	ALBICANS
102	BRACHYTECIUM	RUTABULUM
103	BRYUM	SP
104	BRYUM	ARGENTEUM
105	BRYUM	CAPILLARE
106	CAMPTOTHECIUM	LUTESCENS
107	BRYUM	PALLENS
108	CLIMACIUM	DENDROIDES
109	CRATONEURON	FILICINUM
110	DREPANOCLADUS	ADUNCUS
111	EURHYNCHIUM	PRAELONGUM
112	HYLOCOMIUM	SPLENDENS
113	ISOTHECIUM	MYOSURCIDES
114	LOPHOCOLEA	CUSPIDATUM
115	MNIUM	HORNUM
116	MNIUM	LONGIROSTRUM
117	MNIUM	PUNCTATUM
118	MNIUM	UNDULATUM
119	PELLIA	EPIPHYLLA
120	PSEUDOSCLERAPODIUM	PURUM
121	RHYTIDIADDELPHUS	SQUARROSUS
122	RHYTIDIADDELPHUS	TRIQUETRUS
123	SCLENOSTOMA	TRISTE
124	TORTULA	RURALIFORMIS
125	HERACLEUM	SPHONDYLIIUM
126	TRIFOLIUM	PRATENSE
127	BARBULA	FALLAX
128	CAMPYLIIUM	SP
129	CIRSIUM	ARVENSE
130	EQUISETUM	FLUVIATILE
131	RUMEX	ACETOSELLA
132	BOTRYCHIUM	LUNULARIA
133	DACTYLORHIZA	ERICETORUM
134	POA	TRIVIALIS
135	DESCHAMPSIA	CESPITOSA
136	BRACHYTECIUM	SP
137	BRACHYTECIUM	RUTABULUM
138	LYCHNIS	FLOS-CUCULI
139	ANTHRISCUS	SYLVESTRIS
140	LATHYRUS	MARITIMUS
141	GERANIUM	PRATENSE

SYNTAXA:

009: Group 4 - Pinguiculo-Caricetum dioicae molinietosum
(5.3.2.4.).

010: Group 3 - Caltha-Juncus articulatus nodum (5.3.2.3.).

011: Group 2 - Juncetum gerardii (5.3.2.2.).

012: Group 1 - Puccinellietum maritimae (5.3.2.1.).

SALTMARSH SITES.

<u>AUFNAHME NO.</u>	<u>LOCATION.</u>	<u>GRID REFERENCE.</u>
573	Balta Sound, Unst	HP619089
575	" " "	"
576	" " "	"
577	" " "	"
578	" " "	"
579	" " "	"
580	" " "	"
581	" " "	"
603	" " "	HP622087
604	" " "	"
605	" " "	"
606	" " "	"
607	" " "	"
608	" " "	"
609	" " "	"
610	" " "	"
611	" " "	"
612	" " "	"
613	" " "	"
614	" " "	"

BALTASCUND SALTMARSH COMPLEX AND ADJACIENT VEGETATION

SYNTAXON:

009			010			011			012						
5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
7	8	7	7	7	8	1	0	1	1	0	1	1	0	0	0
8	0	9	3	5	6	1	4	5	1	2	9	0	3	7	6

1	AGPO	STOL		+	+	+	2	1		1	2	1	1		1	+		
28	FEST	RUBR						1		1	+	2		+	2	+	+	3
66	TRIG	MARI					+	2	1	1	+	2		+	+	1	+	1
47	PLAN	MARI					+	1				1	1	1	4	+	+	4

5	ARME MARI	1	+	1	+	1	+	+	2	2
29	GLAU MARI			1	+	2	1	1	+	+
35	JUNC CERA			1	+	1	3	1		
21	CECH OFFI		+	+	+		+			

51	PUCC MARI	2	1	+	+	4	4	1	1
61	SPER MEDI				+		1	1	1

15	CAPE	FLAC	1	1	1		
44	PING	VULG	+	+	+		
58	SHCE	NIGR	1	3	1		
90	RICC	PING	+	+	+		
68	SELA	SELA	+	2	+		
41	MOLI	CAER	1	2	1	+	2
62	SUCC	PRAT	+	+			+

26	EPID	ANGU	2	1	2	2	
33	JUNC	ARTI	1	1	1		+
52	RANU	FLAM	1	2	+	+	
16	CARE	NIGR		1	1		+
17	CARE	PANI	2		1	+	

23	ELFO	QUIN	2	1		1	2
27	EUPH	AGG	+	1			+
30	HOLC	LANA			1	+	1
40	LYCH	FLOS	+		+		+
77	EUPH	PRAE		+	+		+

ALSC :

2	AGPO	TENU	575	581
13	CARE	DIOI	579	581
25	ERIC	TETR	578	
39	LUZU	MULT	581	
50	POTE	EREC	581	
57	SALI	SP	608	
71	ANBL	SERP	579	580
88	RHAC	LANU	578	
98	CSCI	SP	613	
108	CARE	HCST	576	

10	CALT	PALU	575	
14	CARE	ECHI	576	
36	JUNC	KOCH	578	579
43	PEDI	SYLV	578	
53	RHIN	MING	580	581
64	TRIF	REPE	581	
73	BRYS	PSEU	579	
94	ENTE	SP	613	
100	RHIZ	SP	613	

12	CARE	DEMI	580	
22	ELEO	MULT	578	579
38	LEON	ALTU	579	
45	PLAN	CORO	609	
56	SAGI	PROC	579	
70	ACRO	CUSP	578	
74	CAMP	PCLY	576	
95	FUCH	VESI	610	
104	CLAD	SP	603	

031	HYDROCOTYLE	VULGARE
032	HYPERICUM	PULCHRUM
033	JUNCUS	ARTICULATUS
034	JUNCUS	EFFUSUS
035	JUNCUS	GERARDII
036	JUNCUS	KOCHII
037	JUNCUS	SQUARROSUS
038	LEONTODON	AUTUMNALIS
039	LUZULA	MULTIFLORA
040	LYCHNIS	FLOS-CUCULI
041	MOLINIA	CAERULEA
042	NARDUS	STRICTA
043	PEDICULARIS	SYLVATICA
044	PINGUICULA	VULGARIS
045	PLANTAGO	CORONOPUS
046	PLANTAGO	LANCEGLATA
047	PLANTAGO	MARITIMA
048	POA	ANNUA
049	POA	SUBCAERULEA
050	POTENTILLA	ERECTA
051	PUCCINELLIA	MARITIMA
052	RANUNCULUS	FLAMMULA
053	RHINANTHUS	MINOR
054	RUMEX	LONGIFOLIUS
055	SAGINA	NODOSA
056	SAGINA	PROCUMBENS
057	SALICORNIA	SP
058	SHOENUS	NIGRICANS
059	SIEGLINGIA	DECUMBENS
060	SPERGULARIA	MARITIMA
061	SPERGULARIA	MEDIA
062	SUCCISA	PRATENSIS
063	THALICTRUM	ALPINUM
064	TRIFOLIUM	REPENS
065	TRIGLOCHIN	PALUSTRIS
066	TRIGLOCHIN	MARITIMA
067	TRIPLEURCSPERMUM	MARITIMUM
068	SELAGINELLA	SELAGINCIDES
069	PELTIGERA	CANINA
070	ACROCLADIUM	CUSPIDATUM
071	AMBLYSTEGIUM	SERPENS
072	BRACHYTHECIUM	RUTABULUM
073	BRYUM	PSEUDOTRIQUETRUM
074	CAMPYLIIUM	POLYGNUM
075	DIPLOPHYLLUM	ALBICANS
076	DREPANOCLADUS	REVOLVENS
077	EURHYNCHIUM	PRAE LONGUM
078	FRULLANIA	TAMARISCINUM
079	GRIMMIA	MARITIMA
080	HYLOCOMIUM	SPLENDENS
081	HYPNUM	CUPRESSIFORME
082	HYPNUM	ERICETORUM
083	HYPNUM	RESUPINATUM
084	LEPTODICTYON	RIPARIUM
085	LOPHOCOLEA	CUSPIDATUM
086	MNIUM	HORNUM
087	PLEUROZIIUM	SCHREBERI
088	RHACCOMITRIUM	LANUGINOSUM
089	RAYTIDIADDELPHUS	SQUARROSUS
090	RICCARDIA	PINGUIS

091	SCAPANIA	GRACILIS
092	SOLENDSTCMA	TRISTE
093	APHANOCAPSA	SP
094	ENTEROMORPHA	SP
095	FUCUS	VESICULOIDES
096	GLEOCAPSA	SP
097	NOSTOC	SP
098	OSCILLATORIA	SP
099	POLYIDES	SP
100	RHIZOCLENIUM	SP
101	VAUCHERIA	SP
102	BRYUM	SP
103	SENECIO	PALUSTRIS
104	CLADOPHORA	SP
105	CAMPYLUM	SP
106	ISOTHECIUM	MYOSURIDES
107	CAREX	LEPIDOCARPA
108	CAREX	HOSTIANA

##

##

GRASSLAND SITES (continued).

460	Breckin, Yell.	HP531048
461	"	"
466	"	HP532053
467	"	HP532054
515	Gossabrough, Yell.	HU528835
516	"	"
524	Sound Gruney.	HU582962
525	"	"
526	"	"
527	"	"
528	"	"
529	"	"
530	"	"
583	Balta Sound, Unst.	HP618089
593	Kay Holm.	HU527915
596	"	"
597	"	"
598	"	"
600	"	"
630	Norwick, Unst.	HP648145
631	"	"
639	Lund, Unst.	HP573043
640	"	"
646	Otterswick, Yell.	HU525857
647	"	"
655	"	"
657	"	"
658	"	"
659	"	"
660	"	"
901	Haaf Gruney.	HU634982
902	"	"
903	"	"
904	"	"
906	"	"
961	Daaey.	HU603949
962	"	"
963	"	"
964	"	"
965	"	"
969	"	"
970	"	"
971	West Sandwick, Yell.	HU446890
972	"	"
973	"	"

GRASSLAND SITES.

<u>AUFNAHME NO.</u>	<u>LOCATION.</u>	<u>GRID REFERENCE.</u>
022	Skaw, Unst.	HP659166
026	"	"
035	West Yell, Yell.	HU449841
036	"	"
037	Burravoe, Yell.	HU519803
038	"	"
077	Muness, Unst.	HP623006
078	Vatsetter, Yell.	HU532902
079	"	"
112	Hamar, Unst.	HP642095
113	"	"
146	Uyeasound, Unst.	HP589022
147	"	"
154	Mid Yell, Yell.	HU512902
169	Samphrey.	HU463762
170	"	"
171	"	"
172	"	"
173	"	"
178	West Sandwick, Yell.	HU446881
179	"	"
180	"	"
181	"	"
195	Oddsta, Fetlar.	HU586941
196	"	"
303	Ward of Clugan, Unst.	HP644066
401	Forn Geo, Skaw, Unst.	HP663169
402	"	"
403	Bluejibs, Skaw, Unst.	HP662167
413	Keeng Hamar, Unst.	HP644104
416	Inner Skaw, Unst.	HP674154
417	"	"
418	The Garths, Unst.	HP655157
425	Burrafirth, Unst.	HP607141
440	Gloup, Yell.	HP506044
442	"	HP507044
443	"	"
444	"	HP506044
445	"	"
446	"	HP506045
452	"	HP505047
453	"	"
454	"	"
455	Breckin, Yell.	HP529049
456	"	"
457	"	HP530049
458	"	HP531049
459	"	HP531048

SYNTAXA:

- 013: Group 1 - Nardo-Galietum saxatilis (5.4.2.1.).
- 014: Group 2, subgroup 2 - Plantago maritima-Carex nigra nodum, Lotus corniculatus variant (5.4.2.2.1.).
- 015: Group 2, subgroup 2 - Plantago maritima-Carex nigra nodum, typical variant (5.4.2.2.2.).
- 016: Group 3, subgroup 1 - Carex distans-Plantago maritima Association (5.4.2.3.1.).
- 017: Group 3, subgroup 2 - Carex distans-Plantago maritima Association (5.4.2.3.2.).
- 018: Group 3, subgroup 3 - Arenaria maritima-Grimmia maritima Association (5.4.2.3.3.).
- 019: Group 4 - Lolio-Cynosuretum, typical sub-association (5.4.2.4.).
- 020: Group 5 - Lolio-Cynosuretum, sub-association with Juncus effusus (5.4.2.5.).
- 021: Group 5, subgroup 1 - Lolio-Cynosuretum, sub-association with Juncus effusus, Agrostis stolonifera variant (5.4.2.5.1.).

PHYTOSOCIOLOGICAL TABLE OUTPUT

=====

- (1) THE NUMBERS ACROSS THE TOP OF THE TABLE ARE THE SERIAL NUMBERS OF THE RELEVES (READING DOWNWARDS).
- (2) A MAXIMUM OF 55 RELEVES CAN BE PRINTED ACROSS ONE PAGE OF A TABLE. WHEN THE NUMBER INVOLVED IS GREATER THAN THIS THE SUBSEQUENT PAGES OF THE TABLE ARE PRINTED BELOW ONE ANOTHER. THESE CONTINUATION PAGES ARE READILY IDENTIFIED BY THE ABSENCE OF A TITLE (EXCEPT FOR THE TABLE NUMBER).
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- (4) THE COVER-ABUNDANCE DATA ARE RECORDED IN THE TABLE. THE DEGREES OF COVER-ABUNDANCE REPRESENTED BY THE SYMBOLS ARE GIVEN IN THE TABLE OPPOSITE. DOTS, WHEN PRESENT, ARE EQUIVALENT TO BLANKS.
- (5) RARE SPECIES WITH ONLY FEW OCCURRENCES ARE PRINTED BENEATH THE TABLE. THE ACCOMPANYING NUMBERS INDICATE THE RELEVES IN WHICH THEY OCCURRED
- (6) A LIST IS INCLUDED OF THE LOCATIONS AND GRID REFERENCES OF THE SITES. THERE IS ALSO A LIST OF THE SYNTAXA THAT ARE REPRESENTED IN THE TABLE AND REFERENCED BY NUMBERS WRITTEN ACROSS THE TOP.

THE RELEVES LISTED IN THE TABLE WERE MADE IN WHAT WAS SUBJECTIVELY ASSESSED TO BE HOMOGENEOUS VEGETATION (I.E. WELL WITHIN THE BOUNDARIES OF THE COMMUNITY). THEY ARE CONSIDERED TO BE REPRESENTATIVE OF THE NATURE OF THE PLANT COMMUNITY AS IT OCCURS AT THE SAMPLE SITE. NORMALLY THE QUADRAT SIZE USED WAS 2M. X 2M.

COVER-ABUNDANCE SCALE

SYMBOL	COVER/ABUNDANCE
5	80% - 100%
4	60% - 80%
3	40% - 60%
2	20% - 40%
1	1% - 20%
+	<1%
-	ADDITIONAL SPECIES

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SPECIES LIST

=====

THE SPECIES REFERENCED IN THE TABLES
ARE HERE LISTED SEQUENTIALLY ACCORDING TO THEIR
REFERENCE NUMBERS. THIS LISTING SHOULD BE
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THE SPECIES REFERRED TO BY THE ABBREVIATIONS
IN THE TABLES.

001	ACHILLEA	MILLEFOLIUM
002	ACHILLEA	PTARMICA
003	AGROPYRON	REPENS
004	AGROSTIS	CANINA
005	AGROSTIS	STOLONIFERA
006	AGROSTIS	TENUIS
007	AIRA	PRAECOX
008	ALCHEMILLA	FILICAULIS
009	ALOPECURUS	GENICULATUS
010	AMMOPHILA	ARENARIA
011	ANGELICA	SYLVESTRIS
012	ANTENNARIA	DIOICA
013	ANTHOXANTHUM	ODORATUM
014	ANTHYLLIS	VULNERARIA
015	ARMERIA	MARITIMA
016	ATRIPLEX	PATULA
017	BELLIS	PERENNIS
018	CALLUNA	VULGARIS
019	CALTHA	PALUSTRIS
020	CARDAMINE	PRATENSIS
021	CAREX	ARENARIA
022	CAREX	BINERVIS
023	CAREX	DEMISSA
024	CAREX	DIOICA
025	CAREX	ECHINATA
026	CAREX	FLACCA
027	CAREX	LEPIDOCARPA
028	CAREX	NIGRA
029	CAREX	OVALIS
030	CAREX	PANICEA

031	CAREX	PILULIFERA
032	CAREX	PULICARIS
033	CAREX	SEROTINA
034	CERASTIUM	HOLOSTECIDES
035	CIRSIUM	ARVENSE
036	CIRSIUM	PALUSTRE
037	CIRSIUM	VULGARE
038	COCHLEARIA	OFFICINALIS
039	CYNOSURUS	CRISTATUS
040	DACTYLIS	GLOMERATA
041	DACTYLORHIZA	ERICETORUM
042	DACTYLORHIZA	PUPIRELLA
043	DESCHAMPSIA	CESPITOSA
044	DESCHAMPSIA	FLEXUOSA
045	DROSERA	ROTUNDIFOLIA
046	ELEOCHARIS	QUINQUEFLORA
047	ELYMUS	ARENARIUS
048	EMPETRUM	NIGRUM
049	EPILOBIUM	PALUSTRE
050	EQUISETUM	ARVENSE
051	EQUISETUM	PALUSTRE
052	ERIOPHORUM	ANGUSTIFOLIUM
053	EUPHRASIA	AGG
054	EUPHRASIA	CONFUSA
055	EUPHRASIA	FOULAENSIS
056	EUPHRASIA	MICRANTHA
057	EUPHRASIA	SCOTTICA
058	FESTUCA	RUBRA
059	FESTUCA	VIVIPARA
060	FILIPENDULA	ULMARIA
061	GALIUM	SAXATILE
062	GALIUM	VERUM
063	GENTIANELLA	CAMPESTRIS
064	GLAUX	MARITIMA
065	HERACLEUM	SPHONDYLIIUM
066	HIERACIUM	SP
067	HIERACIUM	DILECTUM
068	HOLCUS	LANATUS
069	HONKENYA	PEPLOIDES
070	HYDROCOTYLE	VULGARIS
071	HYPERICUM	PULCHRUM
072	HYPOCHAERIS	RADICATA
073	IRIS	PSEUDOGACORUS
074	JASIONE	MONTANA
075	JUNCUS	ARTICULATUS
076	JUNCUS	BUFONIUS
077	JUNCUS	CONGLOMERATUS
078	JUNCUS	EFFUSUS
079	JUNCUS	GERARDII
080	JUNCUS	KOCHII
081	JUNCUS	SQUARROSUS
082	LATHYRUS	PRATENSIS
083	LEONTODON	AUTUMNALIS
084	LINUM	CATHARTICUM
085	LISTERA	CORDATA
086	LOLIUM	PERENNE
087	LOTUS	CORNICULATUS
088	LUZULA	CAMPESTRIS
089	LUZULA	MULTIFLORA
090	LUZULA	PILCSA

091	LYCHNIS	FLOS-CUCULI
092	MOLINIA	CAERULEA
093	MONTIA	FONTANA
094	MYOSOTIS	DISCOLOR
095	MYOSOTIS	SECUNDA
096	NARDUS	STRICTA
097	NARTHECIUM	OSSIFRAGUM
098	PARNASSIA	PALUSTRIS
099	PEDICULARIS	SYLVATICA
100	PHALARIS	ARUNDINACEA
101	PINGUICULA	VULGARIS
102	PLANTAGO	CORONOPUS
103	PLANTAGO	LANCEOLATA
104	PLANTAGO	MAJOR
105	PLANTAGO	MARITIMA
106	POA	ANNUA
107	POA	SUBCAERULEA
108	POA	TRIVIALIS
109	POLYGALA	SERPYPHYLLIFOLIA
110	POLYGALA	VULGARIS
111	POTENTILLA	ANSERINA
112	POTENTILLA	ERECTA
113	POTENTILLA	PALUSTRIS
114	PRIMULA	VULGARIS
115	PRUNELLA	VULGARIS
116	PUCCINELLIA	CAPILLARIS
117	PUCCINELLIA	MARITIMA
118	RANUNCULUS	ACRIS
119	RANUNCULUS	FICARIA
120	RANUNCULUS	FLAMMULA
121	RANUNCULUS	REPENS
122	RHINANTHUS	MINOR
123	RUMEX	ACETOSA
124	RUMEX	CRISPUS
125	RUMEX	LONGIFOLIUS
126	SAGINA	NODOSA
127	SAGINA	PROCUMBENS
128	SCILLA	VERNA
129	SIEGLINGIA	DECUMBENS
130	SENECIO	AQUATICUS
131	SILENE	ACAULIS
132	STACHYS	PALUSTRIS
133	STELLARIA	ALSINE
134	STELLARIA	MEDIA
135	SUCCISA	PRATENSIS
136	TARAXACUM	OFFICINALE
137	THALICTRUM	ALPINUM
138	THYMUS	DRUCEI
139	TRICHOPHORUM	CESPITOSUM
140	TRIFOLIUM	PRATENSE
141	TRIFOLIUM	REPENS
142	TRIGLOCHIN	MARITIMA
143	TRIGLOCHIN	PALUSTRIS
144	TRIPLEUROSPERMUM	MARITIMUM
145	URTICA	DIOICA
146	VERONICA	SP
147	VERONICA	OFFICINALIS
148	VERONICA	SERPYPHYLLIFOLIA
149	VICCIA	CRACCA
150	VIOLA	PALUSTRIS

151	VIOLA	RIVINIANA
152	DRYOPTERIS	DILITATA
153	PTERIDIUM	AQUILINUM
154	SELAGINELLA	SELAGINOIDES
155	ACROCLADIUM	CUSPIDATUM
156	AMBLYSTEGIUM	SERPENS
157	AULACOMIUM	PALUSTRE
158	PARBILODHOZIA	FLOERKII
159	BARBULA	CONVOLUTA
160	BARBULA	FALLAX
161	BARBULA	RECURVIROSTRA
162	BARBULA	UNGUICULATA
163	BRACHYTHECIUM	ALBICANS
164	BRACHYTHECIUM	RIVULARE
165	BRACHYTHECIUM	RUTABULUM
166	BREUTELIA	CHRYSOCOMA
167	BRYUM	SP
168	BRYUM	CAPILLARE
169	BRYUM	PALLENS
170	BRYUM	PSEUDOTRIGUETRUM
171	CALYPOGEIA	MUELLERANA
172	CAMPTOTHECIUM	LUTESCENS
173	CAMPYLIIUM	CHRYSOPHYLLUM
174	CAMPYLIIUM	STELLATUM
175	CAMPYLOPUS	ATROVIRENS
176	CEPHALOZIA	CONNIVENS
177	CHILCSCYPHUS	POLYANTHUS
178	CRATONEURON	FILICINUM
179	CTENIDIUM	MOLLUSCUM
180	DICRANELLA	HETEROMALLA
181	DICRANUM	BONJEANI
182	DICRANUM	SCOPARIUM
183	DIPLOPHYLLUM	ALBICANS
184	DREPANOCLADUS	REVOLVENS
185	EURYNCHIUM	PRAELONGUM
186	FISSIDENS	ADIANTHOIDES
187	FISSIDENS	TAXIFOLIUS
188	FONTINALIS	ANTIPYRETICA
189	FRULLANIA	FRAGILIFOLIA
190	FRULLANIA	GERMANA
191	FRULLANIA	TAMARISCI
192	GRIMMIA	MARITIMA
193	HYPNUM	CUPRESSIFORME
194	HYPNUM	ERICETORUM
195	HYLOCOMIUM	SPLENDENS
196	ISOOTHECIUM	MYCURIQIDES
197	LEJEUNEA	LAMACERINA
198	LEJEUNEA	PATENS
199	LOPHOCOLEA	CUSPICATA
200	MARCHANTIA	POLYMORPHA
201	METZGERIA	FURCATA
202	MNIUM	HORNUM
203	MNIUM	LONGIROSTRUM
204	MNIUM	MARGINATUM
205	MNIUM	PUNCTATUM
206	MNIUM	UNDULATUM
207	NARDIA	SCALARTS
208	ORTHOTRICHUM	ANOMALUM
209	PELLIA	EPIPHYLLA
210	PELLIA	NEESIANA

211	PHILCNOTIS	FONTANA
212	PLAGIOCHILA	ASPLENICIDES
213	PLAGIOTHECIUM	DENTICULATUM
214	PLAGIOTHECIUM	UNDULATUM
215	PLEUROZIUM	SCHREBERI
216	POLYTRICHUM	COMMUNE
217	POLYTRICHUM	FORMOSUM
218	POLYTRICHUM	GRACILE
219	POLYTRICHUM	JUNIPERINUM
220	POLYTRICHUM	NANUM
221	POTTIA	HEIMII
222	PSEUDOSCLEROPODIUM	PURUM
223	PTILIDIUM	GILIARE
224	RHACCOMITRIUM	CANESCENS
225	RHACCOMITRIUM	LANUGINOSUM
226	RHYTIDIADELPHUS	LOREUS
227	RHYTIDIADELPHUS	SQUARROSUS
228	RICCARDIA	PINGUIS
229	SACCOGYNA	VITICULOSA
230	SCAPANIA	GRACILIS
231	SCORPIDIUM	SCORPIOIDES
232	SOLENOSTOMA	PUMILUM
233	SOLENOSTOMA	TRISTE
234	SPHAGNUM	CAPILLACEUM
235	SPHAGNUM	CUSPIDATUM
236	SPHAGNUM	PALUSTRE
237	SPHAGNUM	PAPILLOSUM
238	SPHAGNUM	PLUMULOSUM
239	SPHAGNUM	RUBELLUM
240	SPHAGNUM	INDUNDATUM
241	THUIDIUM	TAMARISCINUM
242	TORTELLA	TORTUOSA
243	TORTULA	RURALIFORMIS
244	TRICHOSTOMUM	BRACHYDENTIUM
245	TRICHOSTOMUM	CRISPULUM
246	ULOTA	PHYLLANTHA
247	WEISSIA	SP
248	ANAPTYCHIA	FURCA
249	CLADONIA	SP
250	CLADONIA	FURCATA
251	CLADONIA	IMPEXA
252	CLADONIA	PYXIDATA
253	CLADONIA	RANGIFORMIS
254	CLADONIA	SUBCERVICORNIS
255	CLADONIA	TENUIS
256	COLLEMA	AURICULATUM
257	LECANORA	ATRA
258	PARMELIA	SAXATILIS
259	PARMELIA	SULCATA
260	PELTIGERA	CANINA
261	PHYSICIA	SP
262	RAMALINA	SILIQUOSA
263	XANTHOPHIA	PARIETINA
264	SOLIDAGO	VIRGAUREA
265	LOPHOZIA	VENTRICOSA
266	TARAXACUM	SPECTABILE
267	POLYTRICHUM	PILIFERUM
268	CERASTIUM	DIFFUSUM
269	RUMEX	ACETOSELLA
270	ASTER	TRIPOLIUM

271 PEDICULARIS
272 SALIX
273 CAREX
274 GLYCERIA
275 MYOSOTIS
276 PEDICULARIS
277 SCHCENUS
278 TARAXACUM
279 BLINDIA
280 CALPOGEIA
281 CRATONEURON
282 PELLIA
283 PELLIA
284 HYPNUM
285 HYPNUM
286 CERATODON
287 CAMPTOTHECIUM
288 CEPHALOZIELE

PALUSTRIS
REPENS
HOSTIANA
FLUITANS
CAESPITOSA
PALUSTRIS
NIGRICANS
SPECTABILE
ACUTA
FISSA
FALCATUM
SP
FAPBRONIANA
RESUPINATUM
LACUNOSUM
PURPUREUS
SERICEUM
SP

WET MEADOW SITES.

<u>AUFNAHME NO.</u>	<u>LOCATION.</u>	<u>GRID REFERENCE.</u>
068	Muness, Unst.	HP623006
070	"	"
072	"	"
073	"	"
074	"	"
197	Oddsta, Fetlar.	HU586941
198	"	"
419	The Garths, Unst.	HP665156
468	Greenbank, Yell.	HP536039
469	"	"
470	"	"
471	"	"
503	Mid Yell, Yell.	HU514908
504	"	"
505	"	"
506	"	"
507	"	"
508	"	"
509	"	"
510	"	HU513908
572	Balta Sound, Unt.	HP619089
967	Daaey.	HU603949
969	"	"

SYNTAXA:

- 022: Group 3 - *Potentilla erecta*-*Luzula multiflora* nodum
(5.5.2.3.).
- 023: Group 2 - *Juncus kochii* nodum (5.5.2.2.).
- 024: Group 1, subgroup 1 - *Juncus articulatus* nodum,
Ranunculus flammula variant (5.5.2.1.1.)
- 025: Group 1, subgroup 2 - *Juncus articulatus* nodum,
typical variant (5.5.2.1.2.).
-

PHYTOSOCIOLOGICAL TABLE OUTPUT

=====

- (1) THE NUMBERS ACROSS THE TOP OF THE TABLE ARE THE SERIAL NUMBERS OF THE RELEVES (READING DOWNWARDS).
- (2) A MAXIMUM OF 55 RELEVES CAN BE PRINTED ACROSS ONE PAGE OF A TABLE. WHEN THE NUMBER INVOLVED IS GREATER THAN THIS THE SUBSEQUENT PAGES OF THE TABLE ARE PRINTED BELOW ONE ANOTHER. THESE CONTINUATION PAGES ARE READILY IDENTIFIED BY THE ABSENCE OF A TITLE (EXCEPT FOR THE TABLE NUMBER).
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COVER-ABUNDANCE SCALE

SYMBOL	COVER/ABUNDANCE
5	80% - 100%
4	60% - 80%
3	40% - 60%
2	20% - 40%
1	1% - 20%
+	<1%
-	ADDITIONAL SPECIES

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SPECIES LIST

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 IN THE TABLES.

.....

001	ACHILLEA	PTARMICA
002	AGROSTIS	CANINA
003	AGROSTIS	STOLONIFERA
004	AGROSTIS	TENUIS
005	AIRA	PRAECOX
006	ALOPECURUS	GENICULATUS
007	ANGELICA	SYLVESTRIS
008	ANTHOXANTHUM	ODORATUM
009	ARRHENATHERUM	ELATIUS
010	BELLIS	PERENNIS
011	PLYSMUS	RUFUS
012	CALLITRICHE	HERMAPHRODITICA
013	CALLITRICHE	STAGNALIS
014	CALLUNA	VULGARIS
015	CALTHA	PALUSTRIS
016	CARDAMINE	PRATENSIS
017	CAREX	BINERVIS
018	CAREX	DEMISSA
019	CAREX	DIOICA
020	CAREX	ECHINATA
021	CAREX	FLACCA
022	CAREX	HOSTIANA
023	CAREX	NIGRA
024	CAREX	OVALIS
025	CAREX	PANICEA
026	CAREX	PILULIFERA
027	CAREX	PULICARIS
028	CAREX	ROSTRATA
029	CERASTIUM	HOLOSTEOIDES
030	CIRSIUM	ARVENSE

031	CIRSIIUM	PALUSTRE
032	CYNOSURUS	CRISTATUS
033	DACTYLIS	GLOMERATA
034	DACTLORHIZA	ERICETORUM
035	DACTYLOPHIZA	PURPURELLA
036	DESCHAMPSIA	CESPITOSA
037	DESCHAMPSIA	FLEXUOSA
038	DROSERA	ROTUNDIFOLIA
039	ELEOCHARIS	MULTICAULIS
040	ELEOCHARIS	PALUSTRIS
041	ELEOCHARIS	QUINQUEFLORA
042	EPILOBIIUM	PALUSTRE
043	EQUISETUM	ARVENSE
044	EQUISETUM	FLUVIATILE
045	EQUISETUM	PALUSTRE
046	ERICA	CINEREA
047	ERICA	TETRALIX
048	ERIOPHORUM	ANGUSTIFOLIUM
049	ERIOPHORUM	VAGINATUM
050	EUPHRASIA	SP
051	FESTUCA	PRATENSIS
052	FESTUCA	RUBRA
053	FESTUCA	VIVIPARA
054	FILIPENDULA	ULMARIA
055	GALIIUM	PALUSTRE
056	GALIIUM	SAXATILE
057	GLYCERIA	FLUITANS
058	HEFACLEUM	SPHONDYLIIUM
059	HOLCUS	LANATUS
060	HORDEUM	SP
061	HYDROCOTYLE	VULGARIS
062	HYPOCHAEERIS	RADICATA
063	IRIS	PSEUDOCORUS
064	JUNCUS	ARTICULATUS
065	JUNCUS	CONGLOMERATUS
066	JUNCUS	EFFUSUS
067	JUNCUS	KOCHII
068	JUNCUS	SQUARROSUS
069	LATHYRUS	PRATENSIS
070	LEONTODON	AUTUMNALIS
071	LITTORELLA	UNIFLORA
072	LOLIUM	MULTIFLORUM
073	LOLIUM	PERENNE
074	LUZULA	CAMPESTRIS
075	LUZULA	MULTIFLORA
076	LYCHNIS	FLOS-CUCULI
077	MENTHA	AQUATICA
078	MENYANTHES	TRIFOLIATA
079	MIMULUS	GUTTATUS
080	MOLINIA	CAERULEA
081	MONTIA	FONTANA
082	MYOSOTIS	CAESPITOSA
083	MYOSOTIS	DISCOLOR
084	MYOSOTIS	SECUNDA
085	MYOSOTIS	SP
086	NARDUS	STRICTA
087	NYMPHAEA	ALBA
088	PEDICULARIS	PALUSTRIS
089	PEDICULARIS	SYLVATICA
090	PHALARIS	ARUNDINACEA

091	PINGUICULA	VULGARIS
092	PLANTAGO	LANCEOLATA
093	PLANTAGO	MARITIMA
094	POA	ANNUA
095	POA	SURCAERULEA
096	POA	TRIVIALIS
097	POLYGALA	SERPYPILLIFOLIA
098	POLYGONUM	AMPHIBIUM
099	POTAMOGETON	POLYGONIFOLIUS
100	POTENTILLA	ANSERINA
101	POTENTILLA	ERECTA
102	POTENTILLA	PALUSTRIS
103	PRIMULA	VULGARIS
104	PRUNELLA	VULGARIS
105	RANUNCULUS	ACRIS
106	RANUNCULUS	FLAMMULA
107	RHINANTHUS	MINOR
108	RUMEX	ACETOSA
109	RUMEX	CRISPUS
110	SAGINA	NODOSA
111	SAGINA	PROCUMBENS
112	SALIX	REPENS
113	SCILLA	VERNA
114	SIEGLINGIA	DECUMBENS
115	SENECIO	AQUATICUS
116	SOLIDAGO	VIRGAUREA
117	STACHYS	PALUSTRIS
118	STELLARIA	ALSINE
119	SUCCISA	PRATENSIS
120	TARAXACUM	SP
121	TRICHOPHORUM	CESPITOSUM
122	TRIFOLIUM	PRATENSE
123	TRIFOLIUM	REPENS
124	TRIGLOCHIN	MARITIMA
125	TRIGLOCHIN	PALUSTRIS
126	VICCIA	CRACCA
127	VIOLA	PALUSTRIS
128	VIOLA	RIVINIANA
129	ACROCLADIUM	CORDIFOLIUM
130	ACROCLADIUM	CUSPIDATUM
131	ACROCLADIUM	STRAMINIUM
132	AMBLYSTEGIUM	SERPENS
133	AULACOMIUM	PALUSTRE
134	BARBILOPHOZIA	FLOERKII
135	BRACHYTHECIUM	RIVULARE
136	BRACHYTHECIUM	RUTABULUM
137	BRYUM	PALLENS
138	BRYUM	PSEUDOTPIQUETUM
139	CALYPOGEIA	FISSA
140	CALYPOGEIA	MUELLERANA
141	CAMPYLIIUM	STELLATUM
142	CHILOSCYPHUS	POLYANTHUS
143	CLIMACIUM	DENDROIDES
144	CRATONEURON	FILICINUM
145	DICRANUM	BONJEANII
146	DIPLOPHYLLUM	ALBICANS
147	DREPANOCLADUS	FLUITANS
148	DREPANOCLADUS	REVOLVENS
149	EURYNCHIUM	PRAELONGUM
150	FONTINALIS	ANTIPIRETICA

151	HYLOCOMIUM	SPLENDENS
152	HYPNUM	CUPRESSIFORME
153	HYPNUM	ERICETORUM
154	ISOTHECIUM	MYOSURCIDES
155	LOPHOCOLEA	CUSPIDATA
156	LOPHOZIA	VENTRICOSA
157	MNIUM	HORNUM
158	MNIUM	LONGIROSTRUM
159	MNIUM	MARGINATUM
160	MNIUM	PUNCTATUM
161	MNIUM	UNDULATUM
162	MYLIA	ANOMALA
163	NARDIA	SCALARTIS
164	PELLIA	EPIPHYLLA
165	PELLIA	FABBRONIANA
166	PELLIA	NEESIANA
167	PHILCNOTIS	FONTANA
168	PLAGIOTHECIUM	UNDULATUM
169	PLEUROZium	SCHREBERI
170	POLYTRICHUM	COMMUNE
171	POLYTRICHUM	FORMOSUM
172	POLYTRICHUM	GRACILE
173	POLYTRICHUM	JUNIPERINUM
174	PTILIDIUM	CILIARE
175	RHYTIDIADELPHUS	LOREUS
176	RHYTIDIADELPHUS	SQUARROSUS
177	RICCARDIA	PINGUIS
178	SACCOGYNA	VITICULOSA
179	SCAPANIA	GRACILIS
180	SCORPIDIUM	SCORPIDIODES
181	SPHAGNUM	CAPILLACEUM
182	SPHAGNUM	CUSPIDATUM
183	SPHAGNUM	FIMBRIATUM
184	SPHAGNUM	INUNDATUM
185	SPHAGNUM	PALUSTRE
186	SPHAGNUM	PAPILLOSUM
187	SPHAGNUM	PLUMULOSUM
188	SPHAGNUM	RECURVUM
189	SPHAGNUM	RUBELLUM
190	THUIDIUM	TAMARISCINUM
191	TRITOMARIA	QUINQUECENTATA
192	SELAGINELLA	SELAGINOIDES
193	CHARA	SP
194	CLADONIA	COCCIFERA
195	CLADONIA	FURCATA
196	CLADONIA	IMPEXA
197	CLADONIA	SP
198	CORNICULARIA	MURICATA
199	PELTIGERA	CANINA
200	EMPETRUM	NIGRUM
201	ACHILLEA	MILLEFOLIUM
202	RUMEX	ACETOSELLA
203	NARTHECIUM	OSSIIFRAGUM
204	RANUNCULUS	REPENS
205	STELLARIA	MEDIA
206	ACROCLADIUM	GIGANTEUM
207	MATRICARIA	MATRICOIDES
208	JUNCUS	BUFONIUS
209	SPERGULARIA	ARVENSIS
210	TRIPLEURCSPERMUM	MARITIMUM

TABLE 6

BLANKET BCG

SYNTAXON:

[illegible]

ALSO :

2	AGRO	STOL	252	266	400		3	AGRO	TENU	3	34	188	83	1	4	AIRA	PRAE	42	83
7	BLFC	SPIC	42				12	CARE	ECHI	27	291	352			13	CARE	FLAC	1	
17	CARE	PILU	65	205	270	272	18	CERA	HOLG	32	283	29	42		21	DESC	FLEX	42	421
23	DRYO	DILI	42				30	EUPH	AGG	70	73	134	42		32	EUPH	SCOT	137	
34	FEST	VIVI	27	83	1		35	GALI	SAXA	27	30	42	83	270	46	LUZU	SYLV	45	
47	MENT	AQUA	40	139			48	MOLI	CAER	41	76	42			49	MCAT	FCNT	29	
55	PEDI	SYLV	42				57	PLAN	LANC	1					59	PCLY	SERP	70	76 42 83
66	SCIL	VERN	41				67	SIEG	DECU	345					68	SUCC	PRAT	1	
69	THAL	ALPI	42				74	VACC	MYRT	30	45	75	270	272	75	VICL	FALU	188	29
76	VICL	RIVI	1				92	BAZZ	TRIL	61					88	CEPH	RICU	142	
89	CEPH	CCNN	139				90	CEPH	MEDI	40	188	294	400		91	CEPH	HAMP	41	345 398
92	CEN	MOLL	140				98	EURA	PRAE	40	274	381			101	GYMN	INFL	142	
106	LEPI	SETA	182	284			107	LEPI	PINN	75					110	MARS	EMAR	138	356

[illegible]

151	PELTIGERA	CANINA
152	LYCOPODIUM	SELAGO
153	SELAGINELLA	SELAGINOIDES
154	CETRARIA	ISLANDICA
155	CLADONIA	ARBUSCULA
156	CLADONIA	CHLOROPHAEA
157	CLADONIA	COCCIFERA
158	CLADONIA	FURCATA
159	CLADONIA	GRACILIS
160	CLADONIA	IMPEXA
161	CLADONIA	MURCATA
162	CLADONIA	PITYREA
163	CLADONIA	PYXIDATA
164	CLADONIA	UNCIALIS
165	CLADONIA	STREPSILIS
166	CLADONIA	SUBSERVICORNIS
167	CLADONIA	TENUIS
168	CLADONIA	SP
169	CORISCIMUM	VIRIDE
170	CORNICULARIA	MURICATA
171	OCHROLECHIA	FRIGIDE
172	SPHAEROPHORUS	FRAGILIS
173	FRULLANIA	DILITATA
174	CLADONIA	SQUAREOSA
175	CAREX	PULICARIS
176	PANUNCULUS	ACRIS
177	PELLIA	FABRICNICA
178	BRACHYTHECIUM	RUTABULUM
179	PELLIA	SP
180	BREUTELIA	CHRYSOCCOMA
181	SACCOGYNA	VITICULOSA
182	LEONTODON	AUTUMNALIS
183	DREPANOCLADUS	FLUITANS
184	ELEOCHARIS	QUINQUEFLORA
185	CAREX	DIOICA
186	POTAMOGETON	SP
187	TARAXACUM	SP
188	CAMPYLUM	STELLATUM
189	BRYUM	PALLENS
190	CAMPYLOPUS	ATROVIRENS
191	CEPHALOZIELLA	RUBELLA
192	ACROCLADIUM	STRAMINIUM
193	ANDECTANGIUM	AESTIVUM
194	RICCARDIA	SINUATA
195	JUNCUS	ARTICULATUS
196	CAREX	LEPIDOCARPA
197	PLANTAGO	MARITIMA
198	ELECCHARIS	MULTICAULIS
199	PELLIA	NEESIANA

031	EUPHRASIA	FRIGIDA
032	EUPHRASIA	SCOTTICA
033	FESTUCA	RUBRA
034	FESTUCA	VIVIPARA
035	GALIUM	SAXATILE
036	GALIUM	VERUM
037	HOLCUS	LANATUS
038	HYDROCOTYLE	VULGARIS
039	JUNCUS	CONGLOMERATUS
040	JUNCUS	EFFUSUS
041	JUNCUS	KOCHII
042	JUNCUS	SQUARROSUS
043	LISTERA	CORDATA
044	LUZULA	MULTIFLORA
045	LUZULA	PILOSA
046	LUZULA	SYLVATICA
047	MENTHA	AQUATICA
048	MOLINIA	CAERULEA
049	MONTIA	FONTANA
050	NARDUS	STRICTA
051	NARTHECIUM	OSSIFRAGUM
052	OXALIS	ACETOSELLA
053	PEDICULARIS	CH
054	PEDICULARIS	PALUSTRIS
055	PEDICULARIS	SYLVATICA
056	PINGUICULA	VULGARIS
057	PLANTAGO	LANCEOLATA
058	POTENTILLA	PALUSTRIS
059	POLYGALA	SERPYLLIFOLIA
060	POTAMOGETON	POLYGONIFOLIUS
061	POTENTILLA	ERECTA
062	PRUNELLA	VULGARIS
063	RANUNCULUS	FLAMMULA
064	RUMEX	ACETOSA
065	SAGINA	PROCUMBENS
066	SCILLA	VERNA
067	SIEGLINGIA	DECUMBENS
068	SUCCISA	PRATENSIS
069	THALICTRUM	ALPINUM
070	THYMUS	DRUCEI
071	TRICOPHORUM	CESPITOSUM
072	TRIFOLIUM	REPENS
073	TRIGLOCHIN	PALUSTRIS
074	VACCINIUM	MYRTILLUS
075	VIOLA	PALUSTRIS
076	VIOLA	RIVINIANA
077	ACROCLADIUM	CORDIFOLIUM
078	ACROCLADIUM	CUSPIDATUM
079	ACROCLADIUM	SARMENTOSUM
080	ATRICHUM	UNDULATUM
081	AULACOMIUM	PALUSTRE
082	BARBILOPHOZIA	FLOERKII
083	BAZZANIA	TRILOBATA
084	BRYUM	PSEUDOTRIQUETRUM
085	CALYPOGEIA	FISSA
086	CALYPOGEIA	MUELLERANA
087	CAMPYLOPUS	FLXUCSUS
088	CEPHALOZIA	BICUSPIDATA
089	CEPHALOZIA	CONNIVENS
090	CEPHALOZIA	MEDIA

091	CEPHALOZIELLA	HAMPEANA
092	CTENIDIUM	MOLLUSCUM
093	DICRANUM	BONJFANI
094	DICRANUM	MAJUS
095	DICRANUM	SCOPARIUM
096	DIPLOPHYLLUM	ALBICANS
097	DREPANOCLADUS	REVOLVENS
098	FURHYNCHIUM	PRAELONGUM
099	FRULLANIA	GERMANA
100	FRULLANIA	TAMARISCI
101	GYMNOCOLEA	INFLATA
102	HYLOCOMIUM	SPLENDENS
103	HYPNUM	CUPRESSIFORME
104	HYPNUM	ERICETORUM
105	LEPIDOZIA	REPTANS
106	LEPIDOZIA	SETACEA
107	LEPIDOZIA	PINNATA
108	LOPHOCOLEA	BIDENTATA
109	LOPHOZIA	VENTRICOSA
110	MARSUPELLA	EMARGINATA
111	MNIUM	HORNUM
112	MNIUM	MARGINATUM
113	MNIUM	PUNCTATUM
114	MNIUM	UNDULATUM
115	MYLIA	ANOMALA
116	MYLIA	TAYLORI
117	NARDIA	SCALARIS
118	ODONTOSCHISMA	SPHAGNI
119	PELLIA	EPIPHYLLA
120	PHILONOTIS	FONTANA
121	PLAGIOCHILA	ASPLENICIDES
122	PLAGIOCHILA	SP
123	PLAGIOTHECIUM	DENTICULATUM
124	PLAGIOTHECIUM	UNDULATUM
125	PLEUROZIA	PURPUREA
126	PLEUROZIUM	SCHREBERI
127	POLYTRICHUM	COMMUNE
128	POLYTRICHUM	FORMOSUM
129	POLYTRICHUM	JUNIPERINUM
130	POTTIA	HEIMII
131	PTILIDIUM	CILIARE
132	RHACOMITRIUM	LANUGINOSUM
133	RHYTIDIADDELPHUS	LOREUS
134	RHYTIDIADDELPHUS	SQUARROSUS
135	RICCARDIA	PINGUIS
136	SCAPANIA	GRACILIS
137	SOLENOSTOMA	CRENULATUM
138	SPHAGNUM	CUSPIDATUM
139	SPHAGNUM	FIMBRIATUM
140	SPHAGNUM	MAGELLANICUM
141	SPHAGNUM	CAPILLACEUM
142	SPHAGNUM	PALUSTRE
143	SPHAGNUM	PAPILLOSUM
144	SPHAGNUM	PLUMULOSUM
145	SPHAGNUM	RECURVUM
146	SPHAGNUM	RUBELLUM
147	SPHAGNUM	AURICULATUM
148	SPHAGNUM	INUNDATUM
149	SPHAGNUM	TENELLUM
150	THUIDIUM	TAMARISCINUM

SPECIES LIST

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THE SPECIES REFERENCED IN THE TABLES
ARE HERE LISTED SEQUENTIALLY ACCORDING TO THEIR
REFERENCE NUMBERS. THIS LISTING SHOULD BE
CONSULTED IN CASES OF AMBIGUITY OR DOUBT AS TO
THE SPECIES REFERRED TO BY THE ABBREVIATIONS
IN THE TABLES.

001	AGROSTIS	CANINA
002	AGROSTIS	STOLONIFERA
003	AGROSTIS	TENUIS
004	AIRA	PRAECOX
005	ALOPECURUS	GENICULATUS
006	ANTHOXANTHUM	ODORATUM
007	BLECHNUM	SPICANT
008	CALLUNA	VULGARIS
009	CARDAMINE	PRATENSIS
010	CAREX	BINERVIS
011	CAREX	DEMISSA
012	CAREX	ECHINATA
013	CAREX	FLACCA
014	CAREX	HOSTIANA
015	CAREX	NIGRA
016	CAREX	PANICEA
017	CAREX	PILULIFERA
018	CERASTIUM	HOLOSTEOIDES
019	CIPSIIUM	VULGARE
020	DACTYLORHIZA	ERICETORUM
021	DESCHAMPSIA	FLEXUOSA
022	DROSER	ROTUNDIFOLIA
023	DRYOPTERIS	DILITATA
024	EMPETRUM	NIGRUM
025	EQUISETUM	PALUSTRE
026	ERICA	CINEREA
027	ERICA	TETRALIX
028	ERIOPHORUM	ANGUSTIFOLIUM
029	ERIOPHORUM	VAGINATUM
030	EUPHRASIA	AGG

SYNTAXA:

- 026: Group 1 - Empetrum-Rhytidiadelphus Association
Juncetosum squarrosi (5.6.2.1.).
- 027: Group 4, subgroup 2 - Empetrum-Rhytidiadelphus loreus
Association, typical sub-association, typical variant
(5.6.2.4.2.).
- 028: Group 4, subgroup 1 - Empetrum-Rhytidiadelphus loreus
Association, typical sub-association, Hylocomium-
Pleurozium variant (5.6.2.4.1.).
- 029: Group 2, subgroup 1 p.p. - Empetrum-Rhytidiadelphus
loreus Association, rhacomitretosum lanuginosi,
Listera-Pleurozium variant, lichen-poor facies
(5.6.2.2.1.).
- 030: Group 2, subgroup 1 p.p. - Empetrum-Rhytidiadelphus
loreus Association, rhacomitretosum lanuginosi,
Listera-Pleurozium variant (5.6.2.2.1.).
- 031: Group 2, subgroup 2 p.p. - Empetrum-Rhytidiadelphus
loreus Association, rhacomitretosum lanuginosi,
typical variant (5.6.2.2.2.).
- 032: Group 2, subgroup 2 p.p. - Empetrum-Rhytidiadelphus
loreus Association, rhacomitretosum lanuginosi,
typical variant, lichen-poor facies (5.6.2.2.2.).
- 033: Group 3, Empetrum-Rhytidiadelphus loreus Association,
Narthecetosum (5.6.2.3.).
- 034: Group 5 - Vaccinio-Ericetum tetralicis (5.6.2.5.).

BLANKET BOG SITES.

<u>AUFNAHME NO.</u>	<u>LOCATION.</u>	<u>GRID REFERENCE.</u>
001	Hill of Voessgarth, Unst.	HP610075
002	Hascosay.	HU552925
003	Vatsetter, Yell.	HU525895
019	Canning Knowe, Yell.	HU455925
020	"	"
021	"	HU454926
023	Saudifield, Yell.	HU472922
026	North Burn, Yell.	HU462835
027	"	"
029	Crowater, Yell.	HU461843
030	"	"
031	"	"
032	Evra Houll, Yell.	HU455843
033	"	"
034	"	"
040	Burrafirth, Unst.	HP603142
041	"	"
042	Stackhoull, Unst.	HP604141
045	The Hamars, Unst.	HP588111
046	"	"
047	Loch of Cliff, Unst.	HP597108
061	Ward of Grimsetter, Yell.	HP543008
065	Ha Houll, Yell.	HP531016
066	"	"
070	Setter, Yell.	HU488915
073	"	"
074	Hill of Lussetter, Yell.	HU526900
075	Vatsetter, Yell.	HU528901
076	"	"
080	"	HU529897
081	"	"
083	Mill Loch, Yell.	HU533882
085	"	"
134	Setter, Yell.	HU493919
137	"	"
138	"	"
139	Windhouse, Yell.	HU491921
140	"	"
142	"	"
177	West Sandwick, Yell.	HU455900
181	Hill of Setter, Yell.	"
182	"	"
183	"	"
184	"	"
185	"	HU499907
186	"	"
187	"	"
188	"	"

BLANKET BOG SITES (continued).

189	Hill of Setter, Yell.	HU502907
190	"	"
192	"	"
195	Laxa Burn, Yell.	HU503906
197	"	"
201	Knowes of Cunnister, Yell.	HU526973
205	"	"
270	Ward of Otterswick, Yell.	HU502854
272	"	"
274	"	"
275	"	HU505856
276	"	"
277	Stoura Scord, Yell.	HU516865
279	"	"
280	"	"
281	"	"
283	Hill of Noub, Yell.	HU465861
284	"	"
285	"	"
288	"	"
289	Moss Houll, Yell.	HU455874
291	"	"
294	"	"
345	Ward of Otterswick, Yell.	HU509858
346	"	"
347	"	"
349	"	"
350	"	"
352	"	"
353	Stoura Scord, Yell.	HU523864
355	"	"
357	"	"
358	"	"
359	"	"
381	Hill of Dalsetter, Yell.	HU502977
382	"	"
383	"	"
384	"	"
385	"	"
386	"	"
387	Sellafirth, Yell.	HU524987
388	"	"
389	"	"
390	"	"
397	Colvister, Yell.	HU511977
398	"	"
399	"	"
400	"	"
421	Inner Skaw, Unst.	HP655158
423	"	"

SYNTAXON:

035: Group 1 - Eriophorum angustifolium-Sphagnum
cuspidatum Association (5.7.2.1.).

BLANKET BOG POOL SITES.

<u>AUFNAHME NO.</u>	<u>LOCATION.</u>	<u>GRID REFERENCE.</u>
048	Loch of Cliff, Unst.	HP597108
059	Cullivoe, Yell.	HP545016
063	Ha Houll, Yell.	HP531016
064	"	"
069	Setter, Yell.	HU488915
084	Mill Loch, Yell.	HU533882
135	Setter, Yell.	HU493919
136	"	"
141	Windhouse, Yell.	HU491921
196	Laxa Burn, Yell.	HU503906
198	"	"
204	Knowes of Cunnister, Yell.	HU526973
286	Hill of Noub, Yell.	HU465861
292	Moss Houll, Yell.	HU455874
293	"	"
348	Ward of Otterswick, Yell.	HU509858
351	"	"
356	Stoura Scord, Yell.	HU523864
422	Inner Skaw, Unst.	HP655158
958	Daay.	HU603949

035

15	CARE	MIGR	2	1	2	1	1	1	+	2	+	+
41	JUNC	KOCH	2	1	2	1	1	+	1	1	+	+
109	LDPH	VENT	+	+	1	1	1	1				
61	POTE	EREC	+	+	+	+	+	1				
136	SCAP	GRAC	1	+	+	+	1			1	+	1

[illegible]

6	ANTH	MODR	56	198	12	CARE	ECHI	69	348	13	CARE	FLAC	48	64
20	EACT	ERIC	48	136	21	DESC	FLEX	69		25	EQU	PALU	59	
26	ERIC	CINE	64		33	FEST	RUBR	198		35	GALI	SAXA	356	
39	JUAC	CCNG	84		40	JUNC	EFFU	198		47	MENT	AGUA	141	
49	MCNT	FCNT	351		56	PING	VULG	64	136	60	PGTA	POLY	351	
67	STEG	DECU	356		75	VIDL	PALU	59		86	CALY	MUEL	135	136
90	CEPH	MEDI	84		91	CEPT	HAMP	84	141	95	DICR	SCOP	196	
96	DIPL	ALBI	69	136	97	DREP	REVO	141		104	HYPN	ERIC	69	
108	LCPH	BIDE	135	136	110	MARS	EMAR	204		117	NARD	SCAL	69	
127	PCLY	CCFM	69	198	134	RHYT	SQUA	558		140	SPHA	MAGE	356	
141	SPHA	CAPI	198		144	SPHA	PLUM	356		148	SPHA	INUN	286	958
169	CCPI	VIRI	84		199	PELL	NEES	558						

SYNTAXA:

- 036: Group 5, subgroup 2 - *Nardo-Juncetum squarrosi*,
galietosum saxatilis (5.8.2.5.2.).
- 037: Group 5, subgroup 1 - *Nardo-Galietum saxatilis*
(5.8.2.5.1.).
- 038: Group 4 p.p. - *Ericeto-Caricetum binervis*, typical
sub-association (5.8.2.4.).
- 039: Group 4, subgroup 1 - *Empetro-Ericetum cinereae*
(5.8.2.4.1.).
- 040: Group 3 - *Ericeto-Caricetum binervis* sub-association
with *Molinia caerulea* (5.8.2.3.).
- 041: Group 2 - *Ericeto-Caricetum binervis*, intermediate
Viola/Molinia sub-association (5.8.2.2.).
- 042: Group 1 - *Ericeto-Caricetum binervis* sub-association
with *Viola riviniana* (5.8.2.1.).
- 043: Group 6 - *Arenaria norvegica-Cardaminopsis petraea*
sociation (5.8.2.6.).
- 044: Group 7 - *Cariceto-Rhacomitretum lanuginosi* (5.8.2.7.).

HEATH SITES (continued).

300	Ward of Clugan, Unst.	HP644066
302	"	"
303	"	"
304	"	"
305	"	"
307	"	HP643069
309	"	"
310	"	"
404	Keen of Hamar, Unst.	HP645098
405	"	HP644098
406	"	HP644099
407	"	"
408	"	HP644100
409	"	HP645102
411	"	HP644103
412	"	HP644104
420	The Garths, Unst.	HP666156
472	Greenbank, Yell.	HP536039
574	Balta Sound, Unst.	HP619089
592	Gallow Hill, Belmont, Unst.	HP567005
641	Otterswick, Yell.	HU525857
642	"	"
643	"	"
645	"	"
957	Daaey.	HU603949
959	"	"
960	"	"

HEATH SITES.

<u>AUFNAHME NO.</u>	<u>LOCATION.</u>	<u>GRID REFERENCE.</u>
003	Gallow Hill, Belmont, Unst.	HP567007
017	Stackaberg, Fetlar.	HU614926
024	Clothan, Yell.	HU455813
025	"	"
035	Burravoe, Yell.	HU519803
037	West Yell, Yell.	HU449841
038	Norwick, Unst.	HP653138
044	Burrafirth, Unst.	HP616134
045	Gallow Hill, Belmont, Unst.	HP567007
050	Ward of Clugan, Unst.	HP644066
063	Hill of Voegarth, Unst.	HP610075
071	Muness, Unst.	HP623006
073	"	"
079	Loch of Watlee, Unst.	HP593047
080	Westing road junction, Unst.	HP587032
081	"	"
082	Muness, Unst.	HP612005
083	"	"
116	Ulsta, Yell.	HU462799
118	Strand, Fetlar.	HU663906
119	"	"
120	"	"
121	"	"
138	Muckle Heog, Unst.	HP636107
139	"	"
140	"	"
141	"	"
142	Hill of Colvadale, Unst.	HP612059
148	Uyeasound, Unst.	HP591022
149	"	"
186	Brough, Fetlar.	HU578927
187	"	"
190	Funzie, Fetlar.	HU655903
194	"	"
269	Ward of Otterswick, Yell.	HU502854
271	"	"
273	"	"
295	Sobul, Unst.	HP605046
296	"	"
297	"	"
298	"	"

PHYTOSOCIOLOGICAL TABLE OUTPUT

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- (1) THE NUMBERS ACROSS THE TOP OF THE TABLE ARE THE SERIAL NUMBERS OF THE RELEVES (READING DOWNWARDS).
- (2) A MAXIMUM OF 55 RELEVES CAN BE PRINTED ACROSS ONE PAGE OF A TABLE. WHEN THE NUMBER INVOLVED IS GREATER THAN THIS THE SUBSEQUENT PAGES OF THE TABLE ARE PRINTED BELOW ONE ANOTHER. THESE CONTINUATION PAGES ARE READILY IDENTIFIED BY THE ABSENCE OF A TITLE (EXCEPT FOR THE TABLE NUMBER).
- (3) THE SPECIES NAMES AND REFERENCE NUMBERS ARE LISTED DOWN THE LEFT-HAND SIDE OF THE TABLE. IN CASE OF AMBIGUITY OR DOUBT AS TO THE SPECIES THEY REFER TO, CONSULT THE COMPLETE SPECIES LISTING AT THE END.
- (4) THE COVER-ABUNDANCE DATA ARE RECORDED IN THE TABLE. THE DEGREES OF COVER-ABUNDANCE REPRESENTED BY THE SYMBOLS ARE GIVEN IN THE TABLE OPPOSITE. DOTS, WHEN PRESENT, ARE EQUIVALENT TO BLANKS.
- (5) RARE SPECIES WITH ONLY FEW OCCURRENCES ARE PRINTED BENEATH THE TABLE. THE ACCOMPANYING NUMBERS INDICATE THE RELEVES IN WHICH THEY OCCURRED
- (6) A LIST IS INCLUDED OF THE LOCATIONS AND GRID REFERENCES OF THE SITES. THERE IS ALSO A LIST OF THE SYNTAXA THAT ARE REPRESENTED IN THE TABLE AND REFERENCED BY NUMBERS WRITTEN ACROSS THE TOP.

THE RELEVES LISTED IN THE TABLE WERE MADE IN WHAT WAS SUBJECTIVELY ASSESSED TO BE HOMOGENEOUS VEGETATION (I.E. WELL WITHIN THE BOUNDARIES OF THE COMMUNITY). THEY ARE CONSIDERED TO BE REPRESENTATIVE OF THE NATURE OF THE PLANT COMMUNITY AS IT OCCURS AT THE SAMPLE SITE. NORMALLY THE QUADRAT SIZE USED WAS 2M. X 2M.

COVER-ABUNDANCE SCALE

SYMBOL	COVER/ABUNDANCE
5	80% - 100%
4	60% - 80%
3	40% - 60%
2	20% - 40%
1	1% - 20%
+	<1%
-	ADDITIONAL SPECIES

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SPECIES LIST

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THE SPECIES REFERENCED IN THE TABLES
ARE HERE LISTED SEQUENTIALLY ACCORDING TO THEIR
REFERENCE NUMBERS. THIS LISTING SHOULD BE
CONSULTED IN CASES OF AMBIGUITY OR DOUBT AS TO
THE SPECIES REFERRED TO BY THE ABBREVIATIONS
IN THE TABLES.

001	ACHILLEA	MILLEFOLIUM
002	AGROSTIS	CANINA
003	AGROSTIS	STOLONIFERA
004	AGROSTIS	TENUIS
005	AIRA	PRAECOX
006	ANTENNARIA	DIDICA
007	ANTHOXANTHUM	ODORATUM
008	ANTHYLLIS	VULNERARIA
010	ARENARIA	NOFVEGICA
011	ARMERIA	MARITIMA
012	BELLIS	PERENNIS
013	CALLUNA	VULGARIS
014	CARDAMINOPSIS	PETRAEA
009	ARCTOSTAPHYLOS	UVA-URSI
015	CAREX	RIGELOWII
016	CAREX	BINERVIS
017	CAREX	DEMISSA
018	CAREX	DIDICA
019	CAREX	FLACCA
020	CAREX	HOSTIANA
021	CAREX	NIGRA
022	CAREX	PANICEA
023	CAREX	PILULIFERA
024	CAREX	PULICARIS
025	CERASTIUM	EDMONSTONII
026	CERASTIUM	HOLOSTEOIDES
027	CIRSIUM	VULGARE
028	COCHLEARIA	PYRENAICA
029	COELCLOSSUM	VIRIDE
030	CYNOSURUS	CRISTATUS

031	DACTYLORHIZA	ERICETORUM
032	DACTYLORHIZA	PURPURELLA
033	DESCHAMPSIA	FLEXUOSA
034	ELECCHARIS	QUINQUEFLOPA
035	EMPETRUM	NIGRUM
036	ERICA	CINEREA
037	ERICA	TETRALIX
038	ERIOPHORUM	ANGUSTIFOLIUM
039	ERIOPHORUM	VAGINATUM
040	EUPHRASIA	OSTENFELDII
041	EUPHRASIA	SP
042	FESTUCA	RUBRA
043	FESTUCA	VIVIPARA
044	GALIUM	SAXATILE
045	GENTIANELLA	SP
046	HIERACIUM	SP
047	HOLCUS	LANATUS
048	HYDROCOTYLE	VULGARIS
049	HYPERICUM	PULCHRUM
050	JASIONE	MONTANA
051	JUNCUS	ARTICULATUS
052	JUNCUS	KOCHII
053	JUNCUS	SQUAPROSUS
054	LEONTODON	AUTUMNALIS
055	LINUM	CATHARTICUM
056	LISTERA	CORDATA
057	LOISELEURIA	PROCUMBENS
058	LOTUS	CORNICULATUS
059	LUZULA	CAMPESTRIS
060	LUZULA	MULTIFLORA
061	LUZULA	PILOSA
062	MOLINIA	CAERULEA
063	NARDUS	STRICTA
064	NARTHECIUM	OSSIFRAGUM
065	PEDICULARIS	SYLVATICA
066	PINGUICULA	VULGARIS
067	PLANTAGO	CORONOPUS
068	PLANTAGO	LANCEOLATA
069	PLANTAGO	MARITIMA
070	POLYGALA	SERPYPHILLIFOLIA
071	POLYGALA	VULGARIS
072	POTENTILLA	ERECTA
073	PRUNELLA	VULGARIS
074	RANUNCULUS	ACRIS
075	RANUNCULUS	FLAMMULA
076	RHINANTHUS	MINOR
077	RUMEX	ACETOSA
078	SAGINA	NODOSA
079	SAGINA	PROCUMBENS
080	SAGINA	SUBULATA
081	SALIX	HERBACEA
082	SALIX	REPENS
083	SCHOENUS	NIGRICANS
084	SCILLA	VERNA
085	SIEGLINGIA	DECUMBENS
086	SENECIO	AQUATICUS
087	SILENE	ACAULIS
088	SILENE	MARITIMA
089	SOLIDAGO	VIRGAUREA
090	SUCCISA	PRATENSIS

091	TARAXACUM	SPECTABILE
092	THALICTRUM	ALPINUM
093	THYMUS	DRUCEI
094	TRICHOPOHORUM	CESPITOSUM
095	TRIFOLIUM	PRATENSE
096	TRIFOLIUM	REPENS
097	VACCINIUM	MYRTILLUS
098	VIOLA	RIVINIA
099	VIOLA	PALUSTRIS
100	BLECHNUM	SPICANT
101	POLYPODIUM	VULGARE
102	LYCOPODIUM	CLAVATUM
103	LYCOPODIUM	SELAGO
104	SELAGINELLA	SELAGINCIDES
105	ACROCLADIUM	CUSPIDATUM
106	AULACOMIUM	PALUSTRE
107	BARBILOPHOZIA	FLOERKEI
108	BLINDIA	ACUTA
109	BRACHYTHECIUM	ROTABULUM
110	BRACHYTHECIUM	VELUTINUM
111	BREUTELIA	CHRYSOCOMA
112	BRYUM	BONHORMENSE
113	BRYUM	PALLENS
114	CALYPOGEIA	MUELLERIANA
115	CAMPTOTHECIUM	LUTESCENS
116	CAMPTOTHECIUM	SERICEUM
117	CAMPYLOPUS	ATROVIRENS
118	CAMPYLOPUS	FLEXUOSUS
119	CAMPYLOPUS	SP
120	CEPHALOZIA	BICUSPICATA
121	CEPHALOZIELLA	SP
122	DICRANELLA	HETEROMALLA
123	DICRANUM	BONJEANI
124	DICRANUM	MAJUS
125	DICRANUM	SCOPARIUM
126	DIPLOPHYLLUM	ALBICANS
127	DISTICHUM	INCLINATUM
128	DREPANOCLADUS	REVOLVENS
129	EURYNCHIUM	PRAELONGUM
130	FISSIDENS	ADIANTHOIDES
131	FRULLANIA	GERMANA
132	FRULLANIA	TAMARISCI
133	GYMNOMITRIUM	CONCIANATUM
134	HYLOCOMIUM	SPLENDENS
135	HYPNUM	CUPRESSIFORME
136	HYPNUM	ERICETORUM
137	HYPNUM	RESUPINATUM
138	LEJEUNEA	LAMACERINA
139	LEUCOBRYUM	GLAUCUM
140	LOPHOCOLEA	CUSPIDATA
141	LOPHOZIA	VENTRICOSA
142	MARSUPELLA	EMARGINATA
143	METZGERIA	FURCATA
144	MNIUM	HORNUM
145	MNIUM	PUNCTATUM
146	MNIUM	UNDULATUM
147	MYLIA	TAYLORI
148	NARDIA	SCALARIS
149	ODONTOSCHISMA	SPHAGNI
150	OLIGOTRICHUM	HERCYNICUM

151	PELLIA	EPIPHYLLA
152	PELLIA	NEESIANA
153	PLAGIOCHILA	ASPLENIOIDES
154	PLAGIOTHECIUM	UNDULATUM
155	PEEUROZIA	PURPUREA
156	POHLIA	NUTANS
157	POLYTRICHUM	FORMOSUM
158	POLYTRICHUM	GRACILE
159	POLYTRICHUM	JUNIPERINUM
160	POLYTRICHUM	PILIFERUM
161	PSEUDOSCLERAPODIUM	PIPUM
162	RADULA	COMPLANATA
163	RHACOMITRIUM	ACTICULARE
164	RHACCOMITRIUM	CANESCENS
165	RHACCOMITRIUM	FASCICULARE
166	RHACCOMITRIUM	HETEROSTICHUM
167	RHACCOMITRIUM	LANUGINOSUM
168	RHYTIDIADDELPHUS	LOREUS
169	RHYTIDIADDELPHUS	SQUARROSUS
170	RICCARDIA	PINGUIS
171	SACCOGYNA	VITICULOSA
172	SCAPANIA	GRACILIS
173	SCORPIDIUM	SCORPIOIDES
174	SOLENOSTOMA	TRISTE
175	SPHAGNUM	AURICULATUM
176	SPHAGNUM	CAPILLACEUM
177	SPHAGNUM	CUSPIDATUM
178	SPHAGNUM	INUNCATUM
179	SPHAGNUM	PALUSTRE
180	SPHAGNUM	PAPILLOSUM
181	SPHAGNUM	PLUMULOSUM
182	SPHAGNUM	RECURVUM
183	SPHAGNUM	RUBELLUM
184	THUIDIUM	TAMARISCINUM
185	TRICHOSTEMUM	BRACHYDONTIUM
186	TORTELLA	TORTUOSA
187	ULOTA	PHYLLANTHA
188	WEISSIA	SP
189	CETRARIA	ISLANDICA
190	CLADONIA	CERVICORNIS
191	CLADONIA	CHLOROPHCEA
192	CLADONIA	COCCIFERA
193	CLADONIA	CRISPATA
194	CLADONIA	FURCATA
195	CLADONIA	GRACILIS
196	CLADONIA	IMPEXA
197	CLADONIA	PYXIDATA
198	CLADONIA	RANGIFORMIS
199	CLADONIA	SUBCERVICORNIS
200	CLADONIA	TENUIS
201	CLADONIA	UNCIALIS
202	CLADONIA	SP
203	CORNICULARIA	MURIGATA
204	LEPRARIA	INCANA
205	MICARIA	LIGNARIA
206	OCHROLECHIA	FRIGIDA
207	PARMELIA	OMPHALOIDES
208	PARMELIA	SAXATILIS
209	PELTIGERA	CANINA
210	RAMALINA	SUBFARINACEA

211	RHIZOGEOCARPON	GEOGRAPHICUM
212	SPHAEROPHORUS	FRAGILIS
213	XANTHORIA	PARIETINA
214	PLEUROZIU	SCHREBERI
215	CAREX	ECHINATA
216	BARBILOPHOZIA	HATCHERI
217	CAMPYLOPUS	PYRIFORMIS
218	CAMPYLOPUS	BREVIPIILUS
219	HYPNUM	CUPRESSIFORME
220	DROSE	ROTUNDIFOLIA
221	ELEOCHARIS	PALUSTRIS
222	EQUISETUM	PALUSTRE
223	PEDICULARIS	SP
224	PEDICULARIS	PALUSTRIS
225	CAMPYLUM	STELLATUM
226	CEPHALOZIA	CONNIVENS
227	CERATODON	PURPUREUS
228	DICRANUM	FUSESCENS
229	GYMNOCOLEA	INFLATA
230	LEPIDOZIA	PINNATA
231	MYLIA	ANOMALA
232	PLAGIOTHECIUM	DENTICULATUM
233	SCAPANIA	UNDULATA
234	CLADONIA	STREPSILIS
235	CARDAMINE	PRATENSIS
236	EUPHRASIA	MICRANTHA
237	EUPHRASIA	SCOTTICA
238	GALIUM	PALUSTRE
239	GLAUX	MARITIMA
240	LYCHNIS	FLOS-CUCULI
241	POLYGONUM	VIVIPARUM
242	POTENTILLA	PALUSTRIS
243	TRIGLOCHIN	PALUSTRIS
244	VERONICA	SP
245	ACROCLADIUM	CORDIFOLIUM
246	ACROCLADIUM	SARMENTOSUM
247	BRYUM	PSEUDOTRIGUETRUM
248	AMPHIDIUM	MOUGEOTII
249	ANOECTANGIUM	COMPACTUM
250	BRACHYTHECIUM	PLUMULOSUM
251	OXALIS	ACETOSELLA
252	ACROCLADIUM	STRAMINEUM
253	CALYPOGEIA	MUELLERANA
254	CRATONEURON	FILICINUM
255	CTENIDIUM	MOLLUSCUM
256	HOOKERIA	LUSCENS
257	ISOECIUM	MYOSUROIDES
258	LEPIDOZIA	REPTANS
259	LEPIDOZIA	SETACEA
260	MNIUM	MARGINATUM
261	PLAGIOTHECIUM	DENTICULATUM
262	POLYTRICHUM	COMMUNE
263	PTILIDIUM	CILIARE
264	SPHAGNUM	FIMBRIATUM
265	CLADONIA	ARBUSCULA
266	CLADONIA	FLOERKEANA
267	CLADONIA	PITYREA
268	CLADONIA	SP
269	CORSICUM	VIRIDE
270	CORNICULARIA	ACULEATA

271	LECIDEA	GRANULOSA
272	LECIDEA	ULICINOSA
273	EPILCBIUM	PALUSTRE =
274	CIRRIPHYLLUM	PILIFERUM
275	PELLIA	ENDIVIFOLIA
276	DICRANELLA	FUSESCENS
277	PHILONOTIS	FONTANA
278	FISSIDENS	TAXIFOLIUS
279	ANGELICA	SYLVESTRIS
280	WEISSIA	MICROSTOMA
281	BARBULA	FALLAX
282	BARBULA	RECURVIROSTRA
283	EUPHRASIA	FOULAENSIS
284	POLYPODIUM	VULGARE
285	EUPHRASIA	CONFUSA
286	FRULLANIA	FRAGIFOLIA
287	PTYCOMITRIUM	POLYPHYLLUM
288	PARMELIA	GLABRATULA
289	SORBUS	AUCUPARIA
290	LONICERA	PERICLYNUM
291	SALIX	AURITA
292	VICIA	SEPIUM

SYNTAXA:

- O45: Pinguiculo-Caricetum dioicae, eleocharetosum,
typical variant (5.9.2. p.p.).
- O46: Pinguiculo-Caricetum dioicae, molinietosum,
typical variant (5.9.2. p.p.).
- O47: Pinguiculo-Caricetum dioicae, molinietosum,
typical variant, Schoenus sub-variant (5.9.2.p.p.).

BASE-RICH FLUSH SITES.

<u>AUFNAHME NO.</u>	<u>LOCATION.</u>	<u>GRID REFERENCE.</u>
002	Gallow Hill, Belmont, Unst.	HP567007
018	Stackaberg, Fetlar.	HU614926
039	Norwick, Unst.	HP653138
043	Burrafirth, Unst.	HP616134
143	Hill of Colvadale, Unst.	HP612059
144	"	"
145	"	"
192	Funzie, Fetlar.	HU655903
193	"	"
299	Sobul, Unst.	HP605046
301	Ward of Clugan, Unst.	HP644066
306	"	"
410	Keen of Hamar, Unst.	HP644103
577	Balta Sound, Unst.	HP619089

TABLE 9

BASE-RICH FLUSHES

SYNTAXON: 045 046 047
 111 0 0 1 0 3 0 1 1 2 1 4 3 1
 0 4 4 0 4 1 0 3 4 0 9 1 0 7
 3 5 3 2 4 8 1 9 3 2 9 0 6 7

62	MOLI CAER	1	1	1	1	1	2	1	1	1	1	1
22	CARE PANI	1	1	2	2	1	2	1	2	1	1	1
69	PLAN MARI	1	1	1	1	1	1	1	1	1	1	1
19	CARE FLAC		1	1	1	1	1	1	1	1	1	1
75	RARU FLAM	2	+	1	+	1	+	1	+	1	+	1
20	CARE HOST	1	2	2	1	1	+	1	1	1	1	1
52	JUNC KOCH	2	1	1	1	1	+	1	1	1	1	1
66	PING VULG		1	1	1	1	+	1	1	1	1	1
72	POTE EREC		+	+	1	1	+	1	+	+	+	+
104	SELA SELA		+	+	1	1	+	1	+	+	+	+
63	NARD STRI	1	1	1	1	1	1	1	1	1	1	1
17	CARE DEMI		1	1	1	1	1	1	1	1	1	1
54	LENN AUTU	+	+	+	+	+	+	+	+	+	+	+
90	SUCC PRAT	+	2	+	+	+	+	+	+	+	+	+
94	TPIC CESP		+	1	1	1	1	1	1	1	1	1
7	ANTH DDOR		+	+	+	+	+	+	+	+	+	+
13	CALL VULG		+	+	+	+	+	+	+	+	+	+
37	ERIC TETR		+	+	+	+	+	+	+	+	+	+
43	FEST VIVI	+	1	+	+	+	+	+	+	+	+	+
47	HOLC LANA	1	+	1	1	1	1	1	1	1	1	1
64	MART OSSI		1	1	1	1	1	1	1	1	1	1
92	THAL ALPI		+	+	+	+	+	+	+	+	+	+
128	DREP REVO	+	+	2	+	+	+	+	+	+	+	+
170	RICC PING		+	+	+	+	+	+	+	+	+	+
18	CARE DICI		+	+	+	+	+	+	+	+	+	+
21	CARE NIGR		+	+	+	+	+	+	+	+	+	+
51	JUNC ARTI		+	+	+	+	+	+	+	+	+	+
53	JUNC SQUA		+	+	1	+	+	+	+	+	+	+
65	PECI SYLV		2	2	+	+	+	+	+	+	+	+
73	PRUN VULG		+	+	+	+	+	+	+	+	+	+
79	SAGI PROC	1	+	+	+	+	+	+	+	+	+	+
83	SCHO NIGR		+	+	+	+	+	+	+	+	+	+
173	SCOR SCOR		2	2	+	+	+	+	+	+	+	+

ALSO :

2	AGRO CANI	143	299	3	AGRO STOL	145	193	4	AGRO TENU	43
5	AIRA PRAE	43		6	ANTE DIOI	410	577	11	ARME MARI	39
12	BELL PERE	43		23	CARE PILU	301		24	CARE PULI	39
26	CERA HOLO	43		31	DACT ERIC	43	192	34	ELEO QUIN	193
35	EMPE NIGR	43		36	ERIC CINE	18	143	38	ERIO ANGU	18
41	EUPH SP	192		42	FEST RUBR	145		49	HYPE PULC	577
55	LINU CATH	39		60	LUZU MULT	577		68	PLAN LANC	39
70	PULY SERP	43		74	RANU ACRI	39		76	RHIN MIND	577
77	RUME ACET	193		82	SALI REPE	301		84	SCIL VERN	39
85	SIEG DECU	301		93	THYM DRUC	2	410	96	TRIF REPE	39
98	VICL RIVI	43		99	VIOL PALU	301		103	LYCO SELA	18
105	ACPO CUSP	43	193	112	BRYU BCNH	299		113	BRYU PALL	39
126	DIPL ALBI	39	192	127	DIST INCL	39		130	FISS ACIA	39
131	FPUL GERM	301		132	FRUL TAMA	577		134	HYLO SPLE	43
136	HYFN ERIC	577		138	LEJE LAMA	39		140	LCPH CUSP	43
144	WNIU HORN	43		145	MNIU PUNC	43		152	PELL NEES	39
167	RHAC LANU	577		169	RHYT SQUA	410	577	174	SOLE TRIS	577
175	SPHA AURI	18	306	178	SPHA INUN	301		183	SPHA RUBE	43
194	CLAD FURC	577		209	PELT CANI	43		214	PLEU SCHR	577
215	CARE ECHI	577		218	CAMP BREV	18		219	HYPN CUPR	410
225	CAMP STEL	143		235	CARD PRAT	577		247	BRYU PSEU	2
260	WNIU MARG	43								193