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Hilliam, Judith

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HEATH SITES.

| <u>RELEVE NO.</u> | <u>LOCATION.</u> | <u>GRID REF.</u> |
|-------------------|---------------------------------------|------------------|
| 001 | Hill of Skellister, North Mainland. | HU 463556 |
| 046 | Greentaing, Muckle Roe. | HU 342642 |
| 047 | " " " | " |
| 094 | Soolmis Vird, North Mainland. | HU 320731 |
| 096 | " " " " | " |
| 097 | " " " " | " |
| 098 | Loch of Burrealand, North Mainland. | HU 334748 |
| 099 | " " " " | " |
| 101 | " " " " | " |
| 102 | Hamars of Burrealand, North Mainland. | HU 333754 |
| 104 | Loch of Strom, Mainland. | HU 402492 |
| 107 | Caa Field, Esha Ness, Mainland. | HU 245821 |
| 112 | Gluss Water, Esha Ness, Mainland. | HU 253808 |
| 113 | " " " " " | " |
| 114 | " " " " " | " |
| 115 | " " " " " | " |
| 124 | Hurdi Field, Walls, Mainland. | HU 261564 |
| 126 | The Wards, Walls, Mainland(site 1) | HU 267565 |
| 128 | " " " " " | " |
| 129 | " " " " " | " |
| 130 | The Wards, Walls, Mainland(site 2) | HU 269565 |
| 131 | " " " " " | " |
| 132 | Hollorin, Walls, Mainland. | HU 277562 |
| 133 | " " " " " | " |
| 165 | Loch of Strom, Mainland. | HU 401492 |
| 169 | " " " " | " |
| 178 | Mossbank, Delting, Mainland. | HU 445746 |
| 179 | " " " " | " |
| 180 | " " " " | " |
| 211 | Setter, Bressay. | HU 511422 |
| 212 | " " " " | " |
| 213 | " " " " | " |
| 214 | " " " " | " |
| 215 | " " " " | " |
| 216 | " " " " | " |
| 231 | Catfirth, Nesting, Mainland. | HU 438538 |
| 232 | " " " " | " |
| 234 | " " " " | " |
| 311 | Bruntland, Bressay. | HU 515428 |
| 312 | " " " " | " |
| 313 | " " " " | " |
| 315 | " " " " | " |
| 316 | Burn of Valayre, Delting, Mainland. | HU 374692 |
| 318 | " " " " | " |
| 319 | " " " " | " |
| 321 | Burn of Valayre, Delting, Mainland. | HU 370694 |
| 322 | " " " " | " |
| 323 | " " " " | " |
| 334 | White Ness, Mainland. | HU 385446 |

RELEVE NO.LOCATION.GRID REF.

| <u>RELEVE NO.</u> | <u>LOCATION.</u> | <u>GRID REF.</u> |
|-------------------|--|------------------|
| 335 | White Ness, Mainland. | HU 385446 |
| 361 | Fugla Water, Lunna Ness, Mainland. | HU 505721 |
| 364 | " " " " " | " |
| 365 | " " " " " | " |
| 366 | " " " " " | " |
| 367 | " " " " " | " |
| 368 | " " " " " | " |
| 369 | Loch of Setterness, Lunna Ness, Mainland | HU 487697 |
| 370 | " " " " " | " |
| 371 | " " " " " | " |
| 373 | " " " " " | " |
| 374 | " " " " " | " |
| 375 | " " " " " | " |
| 376 | " " " " " | " |
| 377 | S.Hill of Lunna, Lunnasting, Mainland. | HU 477677 |
| 378 | " " " " " | " |
| 379 | " " " " " | " |
| 661 | Hurda Field, North Mainland. | HU 337702 |
| 662 | " " " " " | " |
| 663 | " " " " " | " |
| 664 | " " " " " | " |
| 665 | " " " " " | " |
| 667 | " " " " " | " |
| 668 | " " " " " | " |
| 701 | Braga, Whalsay. | HU 535624 |
| 702 | " " " " " | " |
| 703 | " " " " " | " |
| 704 | " " " " " | " |
| 707 | " " " " " | " |
| 708 | " " " " " | " |
| 709 | " " " " " | " |
| 733 | Sumburgh Head, South Mainland(site 2) | HU 408085 |
| 734 | " " " " " | " |
| 735 | " " " " " | " |
| 736 | " " " " " | " |
| 737 | The Compass, Sumburgh, Mainland. | HU 407090 |
| 738 | " " " " " | " |
| 739 | The Compass, Sumburgh, Mainland. | HU 407095 |
| 740 | " " " " " | " |
| 741 | " " " " " | " |
| 742 | " " " " " | " |
| 823 | Sandness, Walls, Mainland. | HU 194572 |
| 824 | " " " " " | " |
| 825 | " " " " " | " |
| 828 | " " " " " | " |
| 833 | Stanevatstoe Hill, Walls, Mainland. | HU 209553 |
| 834 | " " " " " | " |
| 835 | " " " " " | " |
| 836 | " " " " " | " |
| 849 | Bridge of Walls, Walls, Mainland. | HU 273514 |
| 850 | " " " " " | " |

RELEVE NO.LOCATION.GRID REF.

| | | |
|-----|---|-----------|
| 907 | Roga Field, North Mainland. | HU 323838 |
| 908 | " " " " | " |
| 909 | " " " " | " |
| 912 | " " " " | " |
| 913 | " " " " | " |
| 914 | " " " " | " |
| 915 | " " " " | " |
| 916 | " " " " | " |
| 917 | " " " " | " |
| 918 | " " " " | " |
| 921 | Collafirth Hill, North Mainland(site 1) | HU 330836 |
| 922 | " " " " " | " |
| 923 | " " " " " | " |
| 924 | Collafirth Hill, North Mainland(site 2) | HU 333838 |
| 925 | " " " " " | " |
| 926 | " " " " " | " |
| 928 | " " " " " | " |
| 929 | " " " " " | " |
| 930 | " " " " " | " |
| 944 | Mousa(east) | HU 464235 |
| 955 | The Burr, Esha Ness, Mainland. | HU 216806 |

TABLE 5.8

Syntaxa: heath communities.

- 58: Polytrichum formosum heaths.
Nardo-Juncetum squarrosum.(5.8.2.1)
- 59: Wet heath.
Narthecio-Ericetum tetralicis.(5.8.2.2)
- 60: Sphagnum capillaceum community.
Empetrum-Rhytidiadelphus loreus Ass.
juncetosum squarrosum.(5.8.2.3.1)
- 61: Wet Rhacomitrium heath.
Erico-Sphagnetum magellanicum,
subass. Molinia caerulea.(5.8.2.3.2.p.p.)
- 62: Wet Rhacomitrium heath.
Erico-Sphagnetum magellanicum,
typical subassociation.(5.8.2.3.2.p.p.)
- 63: Wet Rhacomitrium heath.
Erico-Sphagnetum magellanicum,
subass. Cladonia uncialis.(5.8.2.3.2.p.p.)
- 64: Species poor Agrostis tenuis heaths.
Ericeto-Caricetum binervis.(5.8.2.4.1)
- 65: Carex pilulifera community.
Ericeto-Caricetum binervis, Shetland race.(5.8.2.4.2)
- 66: Maritime heaths - Plantago maritima nodum.
Ericeto-Caricetum binervis.(5.8.2.4.3)
- 67: Montane heaths.
Cladineto-Callunetum typicum(5.8.2.5.p.p.)
- 68: Montane heaths.
Cladineto-Callunetum sylvaticosum.(5.8.2.5.p.p.)
- 69: Montane heaths.
transitional nodum between Cladineto-Callunetum typicum
and Arctoeto-Callunetum.(5.8.2.5.p.p.)
- 70: Montane heaths.
Ericeto-Caricetum binervis,
subass. Viola riviniana.(5.8.2.5.p.p.)

- 71: Heath flushes - *Carex demissa* facies.
Pinguiculo-Caricetum dioicae. (5.8.2.6.p.p.)
- 72: Heath flushes - *Carex hostiana* facies.
Pinguiculo-Caricetum dioicae. (5.8.2.6.p.p.)

| | | |
|-----|--------------|---------------|
| 271 | LECIDEA | GRANULOSA |
| 272 | LECIDIA | ULIGINOSA |
| 273 | EPILOBIUM | PALUSTRE |
| 274 | CIRRIPHYLLUM | PILIFERUM |
| 275 | PELLIA | FABBRONIANA |
| 276 | DICRANELLA | FUSESCENS |
| 277 | PHILONOTIS | FONTANA |
| 278 | FISSIDENS | TAXIFOLIUS |
| 279 | ANGELICA | SYLVESTRIS |
| 280 | WEISSIA | MICROCSTEMA |
| 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 | PERICLYMENUM |
| 291 | SALIX | AURITA |
| 292 | VICIA | SEPIUM |

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| | | |
|-----|----------------|------------------|
| 211 | RHIZOGEOCARPON | GEOGRAPHICUM |
| 212 | SPHAEROPHORUS | FRAGILIS |
| 213 | XANTHORIA | PARIETINA |
| 214 | PLEUROZIJUM | SCHREBERI |
| 215 | CAREX | ECHINATA |
| 216 | BARBILOPHOZIA | HATCHERI |
| 217 | CAMPYLOPUS | PYRIFORMIS |
| 218 | CAMPYLOPUS | BREVIPILUS |
| 219 | HYPNUM | TYPICUM |
| 220 | DROSER A | ROTUNDIFOLIA |
| 221 | ELEOCHARIS | PALUSTRIS |
| 222 | EQUISETUM | PALUSTRE |
| 223 | PEDICULARIS | SP |
| 224 | PEDICULARIS | PALUSTRIS |
| 225 | CAMPYLLIUM | STELLATUM |
| 226 | CEPHALOZIA | CONNIVENS |
| 227 | CERATODON | PURPUREUS |
| 228 | DICRANUM | FUSCESCENS |
| 229 | GYMNOCOLEA | INFLATA |
| 230 | LEPIDOZIA | PINNATA |
| 231 | MYLIA | ANOMOLA |
| 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 | FLOSCUCULI |
| 241 | POLYGONUM | VIVIPARUM |
| 242 | POTENTILLA | PALUSTRIS |
| 243 | TRIGLOCHIN | PALUSTRIS |
| 244 | VERONICA | SP |
| 245 | ACROCLADIUM | CORDIFOLIUM |
| 246 | ACROCLADIUM | SARMENTOSUM |
| 247 | BRYUM | PSEUDOTRIQUETRUM |
| 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 | LUCENS |
| 257 | ISOTHECIUM | 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 |

| | | |
|-----|-------------------|----------------|
| 151 | PELLIA | EPIPHYLLA |
| 152 | PELLIA | NEESIANA |
| 153 | PLAGIOCHILA | ASPLENIOIDES |
| 154 | PLAGIOTHECIUM | UNDULATUM |
| 155 | PLEUROZIA | PURPUREA |
| 156 | POHLIA | NUTANS |
| 157 | POLYTRICHUM | FORMOSUM |
| 158 | POLYTRICHUM | GRACILE |
| 159 | POLYTRICHUM | JUNIPERINUM |
| 160 | POLYTRICHUM | PILIFERUM |
| 161 | PSEUDOPSCOLOPDIUM | PURUM |
| 162 | RADULA | COMPLANATA |
| 163 | RHACOMITRIUM | ACICULARE |
| 164 | RHACOMITRIUM | CANESCENS |
| 165 | RHACOMITRIUM | FASCICULARE |
| 166 | RHACOMITRIUM | HETEROSTICHUM |
| 167 | RHACOMITRIUM | LANUGINOSUM |
| 168 | RHYTIDIADELPHUS | LORELS |
| 169 | RHYTIDIADELPHUS | 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 | INUNDATUM |
| 179 | SPHAGNUM | PALUSTRE |
| 180 | SPHAGNUM | PAPILLOSUM |
| 181 | SPHAGNUM | PLUMULOSUM |
| 182 | SPHAGNUM | RECURVUM |
| 183 | SPHAGNUM | RUBELLUM |
| 184 | THUIDIUM | TAMARISCINUM |
| 185 | TRICHOSTOMUM | BRACHYDONTIUM |
| 186 | TORTELLA | TORTUOSA |
| 187 | ULOTA | PHYLLANTHA |
| 188 | WEISSIA | SP |
| 189 | CETRARIA | ISLANDICA |
| 190 | CLADONIA | CERVICORNIS |
| 191 | CLADONIA | CHLOROPHOEA |
| 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 | MURICATA |
| 204 | LEPRARIA | INCANA |
| 205 | MICARIA | LIGNARIA |
| 206 | OCHRORLECHIA | FRIGIDA |
| 207 | PARMELIA | OMPHALOIDES |
| 208 | PARMELIA | SAXATILIS |
| 209 | PELTIGERA | CANINA |
| 210 | RAMALINA | SUBFARINACEA |

| | | |
|-----|------------------|---------------|
| 091 | TARAXACUM | SPECTABILE |
| 092 | THALICTRUM | ALPINUM |
| 093 | THYMUS | DRUCEI |
| 094 | TRICHOPHORUM | CESPITOSUM |
| 095 | TRIFOLIUM | PRATENSE |
| 096 | TRIFOLIUM | REPENS |
| 097 | VACCINIUM | MYRTILLUS |
| 098 | VIOLA | PALUSTRIS |
| 099 | VIOLA | RIVINIANA |
| 100 | BLECHNUM | SPICANT |
| 101 | POLYPODIUM | VULGARE |
| 102 | LYCOPODIUM | CLAVATUM |
| 103 | LYCOPODIUM | SELAGO |
| 104 | SELAGINELLA | SELAGINOIDES |
| 105 | ACROCLADIUM | CUSPIDATUM |
| 106 | AULACOMNIUM | PALUSTRE |
| 107 | BARBILOPHOZIA | FLOERKEI |
| 108 | BLINDIA | ACUTA |
| 109 | BRACHYTHECIUM | RUTABULUM |
| 110 | BRACHYTHECIUM | VELUTINUM |
| 111 | BREUTELIA | CHRYSOCOMA |
| 112 | BRYUM | BCNHORMENSE |
| 113 | BRYUM | PALLENS |
| 114 | CALYPOGEIA | MUELLERANA |
| 115 | CAMPTOTHECIUM | LUTESCENS |
| 116 | CAMPTOTHECIUM | SERICIUM |
| 117 | CAMPYLOPLS | ATROVIRENS |
| 118 | CAMPYLOPUS | FLEXUOSUS |
| 119 | CAMPYLOPUS | SP |
| 120 | CEPHALOZIA | RICUSPIDATA |
| 121 | CEPHAPHAROZIELLA | 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 | CONCINNATUM |
| 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 |

| | | |
|-----|--------------|---------------|
| 031 | DACTYLORCHIS | ERICETORUM |
| 032 | DACTYLORCHIS | PURPURELLA |
| 033 | DESCHAMPSIA | FLEXUGSA |
| 034 | ELEOCHARIS | QUINQUEFLORA |
| 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 | GALIIUM | SAXATILE |
| 045 | GENTIANELLA | SP |
| 046 | HIERACIUM | SP |
| 047 | HOLCUS | LANATUS |
| 048 | HYDROCOTYE | VULGARIS |
| 049 | HYPERICUM | PULCHRUM |
| 050 | JASIGNE | MGNTANA |
| 051 | JUNCUS | ARTICULATUS |
| 052 | JUNCUS | KOCHII |
| 053 | JUNCUS | SQUARROSUS |
| 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 | SERPYLLIFOLIA |
| 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 |

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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
CONSULTED IN CASES OF AMBIGUITY OR DOUBT AS TO
THE SPECIES REFERRED TO BY THE ABBREVIATIONS
IN THE TABLES.

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

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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.
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- (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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##-----##

Main data table with columns 58-72 and rows of plant species names and their corresponding binary values (0s and 1s).

ALSO: 11 ARME MARI 733 734 735 736 12 CARE BINE 668 835 836 819 13 CARE DICI 665 835 821 14 CARE DICI 665 835 821 15 CARE DICI 665 835 821 16 CARE DICI 665 835 821 17 CARE DICI 665 835 821 18 CARE DICI 665 835 821 19 CARE DICI 665 835 821 20 CARE DICI 665 835 821 21 CARE DICI 665 835 821 22 CARE DICI 665 835 821 23 CARE DICI 665 835 821 24 CARE DICI 665 835 821 25 CARE DICI 665 835 821 26 CARE DICI 665 835 821 27 CARE DICI 665 835 821 28 CARE DICI 665 835 821 29 CARE DICI 665 835 821 30 CARE DICI 665 835 821 31 CARE DICI 665 835 821 32 CARE DICI 665 835 821 33 CARE DICI 665 835 821 34 CARE DICI 665 835 821 35 CARE DICI 665 835 821 36 CARE DICI 665 835 821 37 CARE DICI 665 835 821 38 CARE DICI 665 835 821 39 CARE DICI 665 835 821 40 CARE DICI 665 835 821 41 CARE DICI 665 835 821 42 CARE DICI 665 835 821 43 CARE DICI 665 835 821 44 CARE DICI 665 835 821 45 CARE DICI 665 835 821 46 CARE DICI 665 835 821 47 CARE DICI 665 835 821 48 CARE DICI 665 835 821 49 CARE DICI 665 835 821 50 CARE DICI 665 835 821 51 CARE DICI 665 835 821 52 CARE DICI 665 835 821 53 CARE DICI 665 835 821 54 CARE DICI 665 835 821 55 CARE DICI 665 835 821 56 CARE DICI 665 835 821 57 CARE DICI 665 835 821 58 CARE DICI 665 835 821 59 CARE DICI 665 835 821 60 CARE DICI 665 835 821 61 CARE DICI 665 835 821 62 CARE DICI 665 835 821 63 CARE DICI 665 835 821 64 CARE DICI 665 835 821 65 CARE DICI 665 835 821 66 CARE DICI 665 835 821 67 CARE DICI 665 835 821 68 CARE DICI 665 835 821 69 CARE DICI 665 835 821 70 CARE DICI 665 835 821 71 CARE DICI 665 835 821 72 CARE DICI 665 835 821 73 CARE DICI 665 835 821 74 CARE DICI 665 835 821 75 CARE DICI 665 835 821 76 CARE DICI 665 835 821 77 CARE DICI 665 835 821 78 CARE DICI 665 835 821 79 CARE DICI 665 835 821 80 CARE DICI 665 835 821 81 CARE DICI 665 835 821 82 CARE DICI 665 835 821 83 CARE DICI 665 835 821 84 CARE DICI 665 835 821 85 CARE DICI 665 835 821 86 CARE DICI 665 835 821 87 CARE DICI 665 835 821 88 CARE DICI 665 835 821 89 CARE DICI 665 835 821 90 CARE DICI 665 835 821 91 CARE DICI 665 835 821 92 CARE DICI 665 835 821 93 CARE DICI 665 835 821 94 CARE DICI 665 835 821 95 CARE DICI 665 835 821 96 CARE DICI 665 835 821 97 CARE DICI 665 835 821 98 CARE DICI 665 835 821 99 CARE DICI 665 835 821 100 CARE DICI 665 835 821

12 BELL DEPE 834 825 13 CARE SP 318 322 323 14 LIMO CATH 104 15 LUZI PILO 316 16 LUZI PILO 316 17 POLY VULG 869 704 323 18 POLY VULG 869 704 323 19 POLY VULG 869 704 323 20 POLY VULG 869 704 323 21 POLY VULG 869 704 323 22 POLY VULG 869 704 323 23 POLY VULG 869 704 323 24 POLY VULG 869 704 323 25 POLY VULG 869 704 323 26 POLY VULG 869 704 323 27 POLY VULG 869 704 323 28 POLY VULG 869 704 323 29 POLY VULG 869 704 323 30 POLY VULG 869 704 323 31 POLY VULG 869 704 323 32 POLY VULG 869 704 323 33 POLY VULG 869 704 323 34 POLY VULG 869 704 323 35 POLY VULG 869 704 323 36 POLY VULG 869 704 323 37 POLY VULG 869 704 323 38 POLY VULG 869 704 323 39 POLY VULG 869 704 323 40 POLY VULG 869 704 323 41 POLY VULG 869 704 323 42 POLY VULG 869 704 323 43 POLY VULG 869 704 323 44 POLY VULG 869 704 323 45 POLY VULG 869 704 323 46 POLY VULG 869 704 323 47 POLY VULG 869 704 323 48 POLY VULG 869 704 323 49 POLY VULG 869 704 323 50 POLY VULG 869 704 323 51 POLY VULG 869 704 323 52 POLY VULG 869 704 323 53 POLY VULG 869 704 323 54 POLY VULG 869 704 323 55 POLY VULG 869 704 323 56 POLY VULG 869 704 323 57 POLY VULG 869 704 323 58 POLY VULG 869 704 323 59 POLY VULG 869 704 323 60 POLY VULG 869 704 323 61 POLY VULG 869 704 323 62 POLY VULG 869 704 323 63 POLY VULG 869 704 323 64 POLY VULG 869 704 323 65 POLY VULG 869 704 323 66 POLY VULG 869 704 323 67 POLY VULG 869 704 323 68 POLY VULG 869 704 323 69 POLY VULG 869 704 323 70 POLY VULG 869 704 323 71 POLY VULG 869 704 323 72 POLY VULG 869 704 323 73 POLY VULG 869 704 323 74 POLY VULG 869 704 323 75 POLY VULG 869 704 323 76 POLY VULG 869 704 323 77 POLY VULG 869 704 323 78 POLY VULG 869 704 323 79 POLY VULG 869 704 323 80 POLY VULG 869 704 323 81 POLY VULG 869 704 323 82 POLY VULG 869 704 323 83 POLY VULG 869 704 323 84 POLY VULG 869 704 323 85 POLY VULG 869 704 323 86 POLY VULG 869 704 323 87 POLY VULG 869 704 323 88 POLY VULG 869 704 323 89 POLY VULG 869 704 323 90 POLY VULG 869 704 323 91 POLY VULG 869 704 323 92 POLY VULG 869 704 323 93 POLY VULG 869 704 323 94 POLY VULG 869 704 323 95 POLY VULG 869 704 323 96 POLY VULG 869 704 323 97 POLY VULG 869 704 323 98 POLY VULG 869 704 323 99 POLY VULG 869 704 323 100 POLY VULG 869 704 323

TABLE 5.7

BOG POOLS.

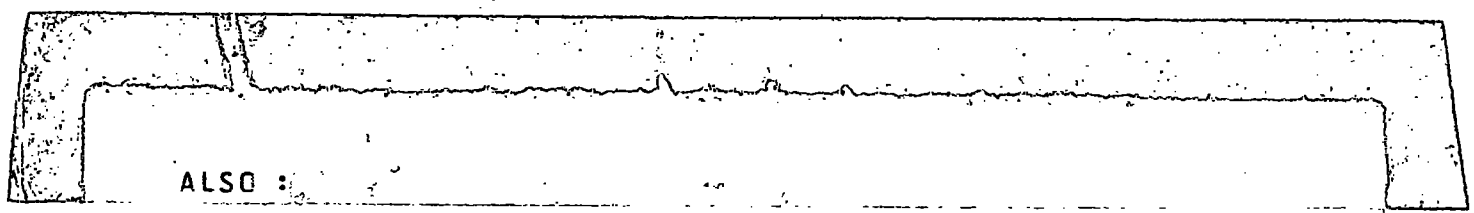
| 56 | | | | | 57 | | | | | | | |
|----|---|---|---|---|----|---|---|---|---|---|---|---|
| 9 | 2 | 3 | 1 | 1 | 3 | 4 | 3 | 0 | 3 | 0 | 1 | 0 |
| 1 | 5 | 6 | 0 | 7 | 4 | 3 | 1 | 8 | 7 | 9 | 0 | 0 |
| 9 | 8 | 2 | 4 | 2 | 2 | 8 | 4 | 8 | 2 | 2 | 9 | 8 |

| | | | | | | | | | | | | | |
|-----|------|------|---|---|---|---|---|---|---|---|---|---|---|
| 28 | ERIO | ANGU | 1 | 1 | 1 | + | + | 2 | 1 | 1 | + | 1 | + |
| 138 | SPHA | CUSP | 2 | 2 | 2 | 4 | 2 | | 5 | 4 | 3 | 2 | 1 |
| 41 | JUNC | KOCH | | | | 1 | 1 | 1 | + | 1 | 1 | 1 | |
| 50 | NARD | STRI | 1 | + | 2 | 1 | 1 | + | + | + | + | + | + |
| 15 | CARE | NIGR | 1 | 1 | | + | | 1 | | | | | |

| | | | | | | | | | | | | | |
|-----|------|------|---|---|---|---|---|---|--|--|---|---|--|
| 8 | CALL | VULG | + | + | + | + | | + | | | + | | |
| 51 | NART | OSSI | 1 | 1 | | | | + | | | - | | |
| 143 | SPHA | PAPI | 1 | 2 | + | | 1 | | | | | | |
| 42 | JUNC | SQUA | 1 | + | 2 | 2 | + | + | | | + | | |
| 61 | POTE | EREC | + | + | + | 1 | + | + | | | + | | |
| 12 | CARE | ECHI | | | | 1 | 1 | | | | | 1 | |
| 109 | LOPH | VENT | + | + | | 1 | | | | | | | |
| 3 | AGRO | TENU | 1 | 1 | 1 | + | | | | | | | |

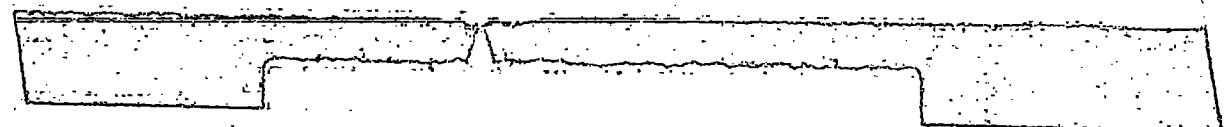
| | | | | | | | | | | | | | |
|----|------|------|--|--|--|---|---|---|---|---|---|--|--|
| 16 | CARE | PANI | | | | 1 | 1 | 1 | + | 1 | 1 | | |
|----|------|------|--|--|--|---|---|---|---|---|---|--|--|

| | | | | | | | | | | | | | |
|-----|------|------|---|---|---|---|---|---|--|--|---|---|---|
| 147 | SPHA | AURI | 1 | 1 | | | | | | | 1 | 2 | |
| 60 | POTA | POLY | | | | 1 | 1 | 2 | | | | | |
| 75 | VIOL | PALU | | | + | + | | | | | 1 | | |
| 111 | MNIU | HORN | + | 1 | | + | | | | | | | |
| 142 | SPHA | PALU | | 2 | | | 2 | | | | | | 2 |
| 148 | SPHA | INUN | 1 | 1 | | 2 | | | | | | | |

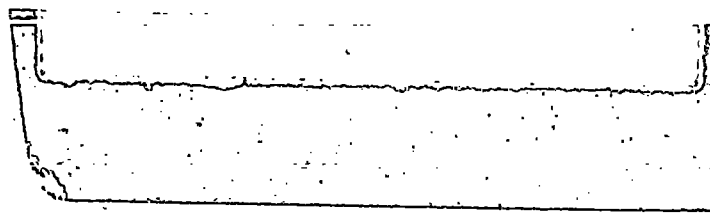


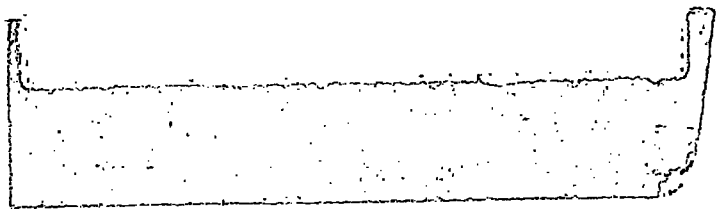
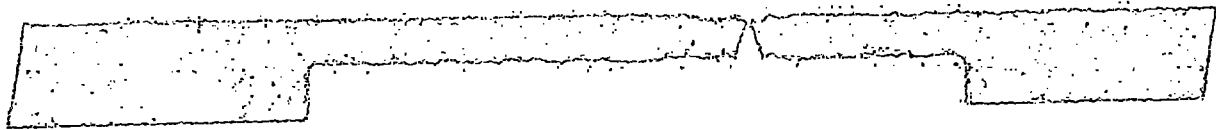
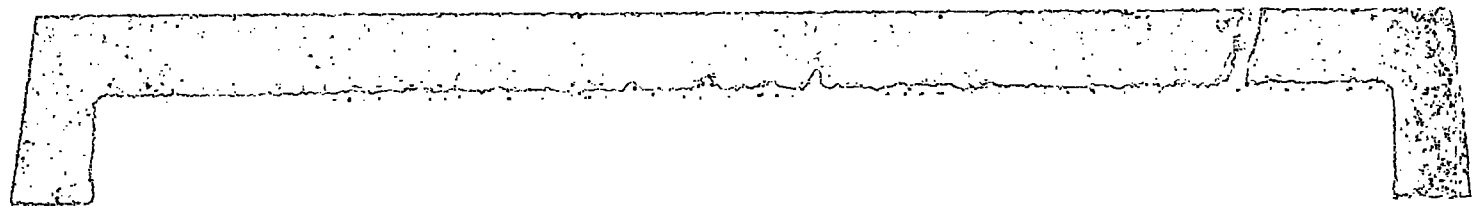
ALSO :

| | | | | | | | | | | | | | |
|-----|------|------|-----|-----|--|--|--|--|--|--|--|--|--|
| 1 | AGRO | CANI | 372 | | | | | | | | | | |
| 14 | CARE | HOST | 919 | | | | | | | | | | |
| 24 | EMPE | NIGR | 258 | 362 | | | | | | | | | |
| 29 | ERIO | VAGI | 8 | | | | | | | | | | |
| 34 | FEST | VIVI | 8 | | | | | | | | | | |
| 49 | MONT | FONT | 438 | | | | | | | | | | |
| 68 | SUCC | PRAT | 438 | | | | | | | | | | |
| 86 | CALY | MUEL | 92 | | | | | | | | | | |
| 96 | DIPL | ALBI | 92 | 104 | | | | | | | | | |
| 103 | HYPN | CUPR | 88 | 104 | | | | | | | | | |
| 118 | ODON | SPHA | 88 | 92 | | | | | | | | | |
| 127 | POLY | COMM | 172 | | | | | | | | | | |
| 133 | RHYT | LORE | 362 | | | | | | | | | | |
| 144 | SPHA | PLUM | 362 | 372 | | | | | | | | | |
| 152 | LYCO | SELA | 919 | | | | | | | | | | |
| 193 | ANOE | AEST | 342 | | | | | | | | | | |
| 2 | AGRO | STOL | 314 | 372 | | | | | | | | | |
| 21 | DESC | FLEX | 362 | | | | | | | | | | |
| 25 | EQUI | PALU | 438 | | | | | | | | | | |
| 30 | EUPH | AGG | 919 | | | | | | | | | | |
| 40 | JUNC | EFFU | 104 | | | | | | | | | | |
| 56 | PING | VULG | 342 | 438 | | | | | | | | | |
| 71 | TRIC | CESP | 92 | | | | | | | | | | |
| 87 | CAMP | FLEX | 104 | | | | | | | | | | |
| 97 | DREP | REVO | 342 | | | | | | | | | | |
| 108 | LOPH | BIDE | 104 | 362 | | | | | | | | | |
| 119 | PELL | EPIP | 438 | | | | | | | | | | |
| 129 | POLY | JUNI | 342 | 362 | | | | | | | | | |
| 135 | RICC | PING | 342 | | | | | | | | | | |
| 145 | SPHA | RECU | 372 | | | | | | | | | | |
| 182 | LEON | AUTU | 314 | | | | | | | | | | |
| 196 | CARE | LEPI | 314 | | | | | | | | | | |



| | | | | | | | | | | | | | |
|-----|------|------|-----|-----|--|--|--|--|--|--|--|--|--|
| 11 | CARE | DEMI | 342 | 438 | | | | | | | | | |
| 22 | DROS | ROTU | 372 | | | | | | | | | | |
| 27 | ERIC | TETR | 258 | | | | | | | | | | |
| 33 | FEST | RUBR | 362 | | | | | | | | | | |
| 47 | MENT | AQUA | 342 | | | | | | | | | | |
| 63 | RANU | FLAM | 314 | 342 | | | | | | | | | |
| 81 | AULA | PALU | 258 | | | | | | | | | | |
| 95 | DICR | SCOP | 8 | 362 | | | | | | | | | |
| 101 | GYMN | INFL | 8 | | | | | | | | | | |
| 115 | MYLI | ANOM | 8 | | | | | | | | | | |
| 124 | PLAG | UNDU | 8 | 362 | | | | | | | | | |
| 132 | RHAC | LANU | 919 | | | | | | | | | | |
| 141 | SPHA | CAPI | 362 | 919 | | | | | | | | | |
| 146 | SPHA | RUBE | 258 | 362 | | | | | | | | | |
| 192 | ACRO | STRA | 342 | | | | | | | | | | |





BLANKET BOG SITES

| <u>RELEVE NO.</u> | <u>LOCATION</u> | <u>GRID REFERENCE</u> |
|-------------------|---|-----------------------|
| 006 | Hill of Dale, Lerwick, Mainland | HU 441424 |
| 010 | North Burn of Grimista, Lerwick, Mainland | HU 452433 |
| 013 | Braewick, Esha Ness, Mainland | HU 253786 |
| 016 | Ness Vird, North Mainland | HU 328765 |
| 086 | Ladie Hill, Delting, Mainland | HU 365692 |
| 087 | " " " " | " |
| 089 | Ladie Hill, Delting, Mainland | HU 363693 |
| 090 | " " " " | " |
| 091 | Clothister Hill, North Mainland | HU 338733 |
| 093 | " " " " | " |
| 103 | Hamars of Burraland, North Mainland | HU 333754 |
| 106 | Caa Field, Esha Ness, Mainland | HU 245821 |
| 108 | " " " " | " |
| 110 | Craagles Water, Esha Ness, Mainland | HU 252878 |
| 111 | " " " " | HU 252878 |
| 116 | Scora Field, Esha Ness, Mainland | HU259809 |
| 117 | " " " " | " |
| 118 | The Roonans, North Mainland | HU 339787 |
| 119 | " " " " | " |
| 120 | " " " " | " |
| 122 | Little Eela Water, North Mainland | HU 327770 |
| 123 | " " " " | " |
| 145 | East Hill of Voe, Delting, Mainland | HU 408618 |
| 147 | " " " " | " |
| 148 | " " " " | " |
| 149 | Pettadale, Central Mainland | HU 415583 |
| 150 | " " " " | " |
| 151 | " " " " | " |
| 152 | " " " " | " |
| 153 | " " " " | " |
| 154 | Burn of Crookadale (south), Nesting, Mainland | HU 427546 |
| 155 | " " " " | " |
| 156 | " " " " | " |
| 158 | Burn of Crookadale (north), Nesting, Mainland | HU 426522 |
| 159 | " " " " | " |
| 160 | Vatster, Tingwall, Mainland | HU 424491 |
| 161 | " " " " | " |
| 162 | " " " " | " |
| 163 | " " " " | " |
| 171 | Burn of Tactigill, Weisdale, Mainland | HU 372511 |
| 173 | " " " " | " |
| 176 | Mossbank, Delting, Mainland | HU 445746 |
| 177 | " " " " | " |
| 253 | Brough, Toft, Delting, Mainland (site 1) | HU 428779 |
| 254 | " " " " | " |
| 255 | " " " " | " |
| 256 | " " " " | " |
| 257 | " " " " | " |
| 260 | Brough, Toft, Delting, Mainland (site 2) | HU 32777 |
| 261 | " " " " | " |
| 320 | Burn of Valayre, Delting, Mainland | HU 374692 |
| 327 | Burn of Valayre, Delting, Mainland | HU 368694 |
| 329 | Burn of Valayre, Delting, Mainland | HU 368695 |
| 339 | Brunt Hamarsland, Mainland | HU 438519 |
| 340 | " " " " | " |
| 343 | " " " " | " |
| 344 | " " " " | " |
| 437 | Laxo, Nesting, Mainland | HU 446635 |

| | | |
|-----|--|-----------|
| 785 | Loch of Brow, South Mainland | HU 381159 |
| 837 | Stanevatstoe Hill, Walls, Mainland | HU 209553 |
| 910 | Roga Field, North Mainland | HU 323838 |
| 920 | Collafirth Hill, North Mainland (site 1) | HU 330836 |

BOG POOL SITES

| <u>RELEVE NO.</u> | <u>LOCATION</u> | <u>GRID REFERENCE</u> |
|-------------------|--|-----------------------|
| 008 | Ladies Drive, Lerwick, Mainland | HU 447425 |
| 088 | Ladie Hill, Delting, Mainland | HU 365692 |
| 092 | Clothister Hill, North Mainland | HU 338733 |
| 104 | Hamars of Burraland, North Mainland | HU 333754 |
| 109 | Caa Field, Esha Ness, Mainland | HU 245821 |
| 172 | Burn of Tactigill, Weisdale, Mainland | HU 372511 |
| 258 | Brough, Toft, Delting, Mainland (site 1) | HU 428779 |
| 314 | Bruntland, Bressay | HU 515428 |
| 342 | Brunt Hamarsland, Mainland | HU 438519 |
| 362 | Fugla Water, Lunna Ness, Mainland | HU 505721 |
| 372 | Loch of Setterness, Lunna Ness, Mainland | HU 487697 |
| 438 | Laxo, Nesting, Mainland | HU 446635 |
| 919 | Roga Field, North Mainland | HU 323838 |

TABLE 5.6

Syntaxa: blanket bog communities.

- 51: *Juncus squarrosus* community.
Ericeto-Caricetum binervis.(5.6.2.1)
- 52: *Calluna vulgaris* community.
Empetrum-Rhytidiadelphus loreus Ass.,
rhacomitretosum lanuginosi, *Listera* - *Pleurozia* variant.
(5.6.2.2)
- 53: *Erica tetralix* community, *Sphagnum capillaceum* facies.
Empetrum - Rhytidiadelphus loreus Ass., rhacomitretosum
lanuginosi, typical variant.(5.6.2.3.1)
- 54: *Erica tetralix* community, *Molinia caerulea* facies.
Erico-Sphagnetum magellanici, subass. *Molinia*
caerulea.(5.6.2.3.2)
- 55: *Pleurozia purpurea* community.
Pleurozia purpurea-*Erica tetralix* Ass.(5.6.2.4)

TABLE 5.7

Syntaxa: bog pool communities.

- 56: Herb rich pools - *Nardus stricta* nodum.
Rhynchosporion albae.(5.7.2.1)
- 57: Blanket bog pools - *Carex panicea* nodum.
Rhynchosporion albae.(5.7.2.2)

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).
- (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. CGTS, 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
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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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DURHAM UNIVERSITY.

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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
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 | CIRSIUM | VULGARE |
| 020 | DACTYLORCHIS | ERICETORUM |
| 021 | DESCHAMPSIA | FLEXUOSA |
| 022 | DROSERA | 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 |

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|-----|---------------|------------------|
| 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 | POLYGGONIFOLIUS |
| 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 | AULACOMNIUM | PALUSTRE |
| 082 | BARBILOPHOZIA | FLGERKII |
| 083 | BAZZANIA | TRILOBATA |
| 084 | BRYUM | PSEUDOTRIQUETRUM |
| 085 | CALYPOGEIA | FISSA |
| 086 | CALYPOGEIA | MUELLERANA |
| 087 | CAMPYLOPUS | FLEXUOSUS |
| 088 | CEPHALOZIA | BICUSPIDATA |
| 089 | CEPHALOZIA | CONNIVENS |
| 090 | CEPHALOZIA | MEDIA |

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| 091 | CEPHALOZIELLA | HAMPEANA |
| 092 | CTENIDIUM | MOLLUSCUM |
| 093 | DICRANUM | BONJEANII |
| 094 | DICRANUM | MAJUS |
| 095 | DICRANUM | SCOPARIUM |
| 096 | DIPLOPHYLLUM | ALBICANS |
| 097 | DREPANOCLADUS | REVOLVENS |
| 098 | EURYNCHIUM | PRAELONGUM |
| 099 | FRULLANIA | GERMANA |
| 100 | FRULLANIA | TAMARISCINUM |
| 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 | VENTRICGSA |
| 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 | ASPLENIOIDES |
| 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 | HEIMIT |
| 131 | PTILIDIUM | CILIARE |
| 132 | RHACGMITRIUM | LANUGINOSUM |
| 133 | RHYTIDIADELPHUS | LOREUS |
| 134 | RHYTIDIADELPHUS | 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 | INUNCATUM |
| 149 | SPHAGNUM | TENELLUM |
| 150 | THUIDIUM | TAMARASCINUM |

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| 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 | PYXICATA |
| 164 | CLADONIA | UNCIALIS |
| 165 | CLADONIA | STREPSILIS |
| 166 | CLADONIA | SUBCERVICORNIS |
| 167 | CLADONIA | TENUIS |
| 168 | CLADONIA | SP |
| 169 | CORISCIMUM | VIRIDE |
| 170 | CORNICULARIA | MURICATA |
| 171 | OCHROLECHIA | FRIGIDE |
| 172 | SPHAEROPHORUS | FRAGILIS |
| 173 | FRULLANIA | DILITATA |
| 174 | CLADONIA | SQUARROSA |
| 175 | CAREX | PULICARIS |
| 176 | RANUNCULUS | ACRIS |
| 177 | PELLIA | FABBRONIANA |
| 178 | BRACHYTHECIUM | RUTABULUM |
| 179 | PELLIA | SP |
| 180 | BREUTELIA | CHRYSOCOMA |
| 181 | SACCOGYNA | VITICULOSA |
| 182 | LEONTODON | AUTUMNALIS |
| 183 | DREPANOCLADUS | FLUITANS |
| 184 | ELEOCHARIS | QUINQUEFLORA |
| 185 | CAREX | DIOICA |
| 186 | POTAMOGETON | SP |
| 187 | TARAXACUM | SP |
| 188 | CAMPYLIIUM | STELLATUM |
| 189 | BRYUM | PALLENS |
| 190 | CAMPYLOPUS | ATROVIRENS |
| 191 | CEPHALOZIELLA | RUBELLA |
| 192 | ACROCLADIUM | STRAMINIUM |
| 193 | ANDECTANGIUM | AESTIVUM |
| 194 | RICCARRDIA | SINUATA |
| 195 | JUNCUS | ARTICULATUS |
| 196 | CAREX | LEPIDOCARPA |
| 197 | PLANTAGO | MARITIMA |
| 198 | ELEOCHARIS | MULTICAULIS |
| 199 | PELLIA | NEESIANA |

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PEDICULARIS
SALIX
CAREX
GLYCERIA
MYOSOTIS
PEDICULARIS
SCHOENUS
TARAXACUM
BLINDIA
CALPOGEIA
CRATONEURON
CAREX
PELLIA
HYPNUM
HYPNUM
CERATODON
CAMPTOTHECIUM
CEPHALOZIELLA

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

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| 211 | PHILONOTIS | FONTANA |
| 212 | PLAGIOCHILA | ASPLENIGIDES |
| 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 | CILIARE |
| 224 | RHACOMITRIUM | CANESCENS |
| 225 | RHACOMITRIUM | LANUGINOSUM |
| 226 | RHYTIDIADELPHUS | LOREUS |
| 227 | RHYTIDIADELPHUS | SQUARROSUS |
| 228 | RICCARDIA | PINGUIS |
| 229 | SACCOGYNA | VITICULOSA |
| 230 | SCAPANIA | GRACILIS |
| 231 | SCORPIDIUM | SCORPIDIOIDES |
| 232 | SOLENSTOMA | PUMILUM |
| 233 | SOLENSTOMA | TRISTE |
| 234 | SPHAGNUM | CAPILLACEUM |
| 235 | SPHAGNUM | CUSPICATUM |
| 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 | LECARNORA | ATRA |
| 258 | PARMELIA | SAXATILIS |
| 259 | PARMELIA | SULCATA |
| 260 | PELTIGERA | CANINA |
| 261 | PHYSICIA | SP |
| 262 | RAMALINA | SILIGUOSA |
| 263 | XANTHORIA | PARIETINA |
| 264 | SOLIDAGO | VIRGAUREA |
| 265 | LOPHOZIA | VENTRICOSA |
| 266 | TARAXACUM | SPECTABILE |
| 267 | POLYTRICHUM | PILIFERUM |
| 268 | CERASTIUM | ATROVIRENS |
| 269 | RUMEX | ACETOSELLA |
| 270 | ASTER | TRIPOLIUM |

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|-----|---------------|------------------|
| 151 | VIOLA | RIVINIANA |
| 152 | DRYOPTERIS | DILATATA |
| 153 | PTERIDIUM | AQUILINUM |
| 154 | SELAGINELLA | SELAGINGIDES |
| 155 | ACROCLADIUM | CUSPIDATUM |
| 156 | AMBLYSTEGIUM | SERPENS |
| 157 | AULACOMNIUM | PALUSTRE |
| 158 | BARBILOPHOZIA | 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 | PSEUDOTRIQUETRUM |
| 171 | CALYPOGEIA | MUELLERANA |
| 172 | CAMPTOTHECIUM | LUTESCENS |
| 173 | CAMPYLIIUM | CHRYSOPHYLLUM |
| 174 | CAMPYLIIUM | STELLATUM |
| 175 | CAMPYLOPUS | ATROVIRENS |
| 176 | CEPHALOZIA | CONNIVENS |
| 177 | CHILOSCYPHUS | POLYANTHUS |
| 178 | CRATONEURON | FILICINUM |
| 179 | CTENIDIUM | MOLLUSCUM |
| 180 | DICRANELLA | HETEROMALLA |
| 181 | DICRANUM | BONJEANII |
| 182 | DICRANUM | SCOPARIUM |
| 183 | DIPLOPHYLLUM | ALBICANS |
| 184 | DREPANOCLADUS | REVOLVENS |
| 185 | EURYNCHIUM | PRAELONGUM |
| 186 | FISSIDENS | ADIANTHOIDES |
| 187 | FISSIDENS | TAXIFOLIUS |
| 188 | FONTINALIS | ANTIPIRETICA |
| 189 | FRULLANIA | FRAGILIFOLIA |
| 190 | FRULLANIA | GERMANA |
| 191 | FRULLANIA | TAMARISCI |
| 192 | GRIMMIA | MARITIMA |
| 193 | HYPNUM | CUPRESSIFORME |
| 194 | HYPNUM | ERICETORUM |
| 195 | HYLOCOMIUM | SPLENDENS |
| 196 | ISOTHECIUM | MYOSUROIDES |
| 197 | LEJEUNEA | LAMACERINA |
| 198 | LEJEUNEA | PATENS |
| 199 | LOPHOCOLEA | CUSPIDATA |
| 200 | MARCHANTIA | POLYMORPHA |
| 201 | METZGERIA | FURCATA |
| 202 | MNIUM | HORNUM |
| 203 | MNIUM | LONGIROSTRUM |
| 204 | MNIUM | MARGINATUM |
| 205 | MNIUM | PUNCTATUM |
| 206 | MNIUM | UNDULATUM |
| 207 | NARDIA | SCALARIS |
| 208 | ORTHOTRICHUM | ANOMALUM |
| 209 | PELLIA | EPIPHYLLA |
| 210 | PELLIA | NEESIANA |

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| 091 | LYCHNIS | FLOS-CUCULI |
| 092 | MOLINIA | CAERULEA |
| 093 | MONTIA | FGNTANA |
| 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 | SERPYLLIFOLIA |
| 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 | FIGARIA |
| 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 | AQUATIUS |
| 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 | TRIPLEURGSPERMUM | MARITIMUM |
| 145 | URTICA | DIOICA |
| 146 | VERONICA | SP |
| 147 | VERONICA | OFFICINALIS |
| 148 | VERONICA | SERPYLLIFOLIA |
| 149 | VICIA | CRACCA |
| 150 | VIOLA | PALUSTRIS |

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|-----|--------------|---------------|
| 031 | CAREX | PILULIFERA |
| 032 | CAREX | PULICARIS |
| 033 | CAREX | SEROTINA |
| 034 | CERASTIUM | HOLOSTEOIDES |
| 035 | CIRSIUM | ARVENSE |
| 036 | CIRSIUM | PALUSTRE |
| 037 | CIRSIUM | VULGARE |
| 038 | COCHLEARIA | OFFICINALIS |
| 039 | CYNOSURUS | CRISTATUS |
| 040 | DACTYLIS | GLOMERATA |
| 041 | DACTYLORCHIS | ERICETORUM |
| 042 | DACTYLORCHIS | PURPURELLA |
| 043 | DESCHAMPSIA | CAESPITOSA |
| 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 | PSEUDACORUS |
| 074 | JASIGNE | 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 | PILOSA |

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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.

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| 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 | QUALIS |
| 030 | CAREX | PANICEA |

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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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##-----##

GRASSLAND SITES

| <u>RELEVE NO.</u> | <u>LOCATION</u> | <u>GRID REFERENCE</u> |
|-------------------|--|-----------------------|
| 011 | Calder's Geo, Esha Ness, Mainland | HU 208787 |
| 012 | Calder's Geo, Esha Ness, Mainland | HU 208788 |
| 015 | Whiteness Voe, Mainland | HU 392462 |
| 016 | " " " | " |
| 017 | " " " | " |
| 018 | " " " | " |
| 027 | Setter, Kergord, Mainland | HU 401546 |
| 089 | Littleness, Spiggie, South Mainland | HU 367168 |
| 126 | Setter, Kergord, Mainland | HU 401546 |
| 127 | The Wards, Walls, Mainland (site 1) | HU 267565 |
| 128 | Setter, Kergord, Mainland | HU 401546 |
| 129 | " " " | " |
| 130 | Cutts, Trondra | HU 401382 |
| 134 | Meil, West Burra | HU 375354 |
| 164 | Loch of Strom, Mainland | HU 401492 |
| 210 | Setter, Bressay | HU 511422 |
| 217 | Catfirth, Nesting, Mainland | HU 438538 |
| 218 | " " " | " |
| 219 | " " " | " |
| 220 | " " " | " |
| 221 | " " " | " |
| 223 | " " " | " |
| 227 | " " " | " |
| 228 | " " " | " |
| 229 | " " " | " |
| 230 | " " " | " |
| 233 | " " " | " |
| 235 | " " " | " |
| 237 | Catfirth, Nesting, Mainland | HU 436539 |
| 238 | " " " | " |
| 239 | " " " | " |
| 240 | " " " | " |
| 241 | " " " | " |
| 247 | Catfirth, Nesting, Mainland | HU 438538 |
| 249 | " " " | " |
| 250 | Catfirth, Nesting, Mainland | HU 436539 |
| 251 | " " " | " |
| 252 | " " " | " |
| 330 | WhiteNess, Mainland | HU 385446 |
| 331 | " " " | " |
| 332 | " " " | " |
| 333 | " " " | " |
| 338 | " " " | " |
| 431 | Laxo, Nesting, Mainland | HU 445636 |
| 489 | Gluss Voe, North Mainland (site 2) | HU 357775 |
| 539 | Dales Voe, Nesting, Mainland (site 1) | HU 409686 |
| 540 | " " " " | " |
| 541 | " " " " | " |
| 545 | Dales Voe, Nesting, Mainland (site 2) | HU 407685 |
| 546 | " " " " | " |
| 551 | " " " " | " |
| 552 | " " " " | " |
| 553 | " " " " | " |
| 554 | Holligarth, Colla Firth, Nesting, Mainland | HU 423690 |
| 555 | " " " " " " | " |
| 556 | " " " " " " | " |
| 557 | " " " " " " | " |
| 558 | " " " " " " | " |
| 559 | " " " " " " | " |
| 562 | Colla Firth, Nesting, Mainland | HU 433688 |

| <u>RELEVE NO.</u> | <u>LOCATION</u> | <u>GRID REFERENCE</u> |
|-------------------|--|-----------------------|
| 571 | Colla Firth, Nesting, Mainland | HU 431687 |
| 675 | Hillside, Ollaberry, North Mainland | HU 357799 |
| 690 | Sand Voe, North Mainland | HU 365909 |
| 705 | Braga, Whalsay | HU 535624 |
| 706 | " " | " |
| 710 | Symbister Ness, Whalsay | " |
| 711 | Symbister Ness, Whalsay | HU 535619 |
| 712 | " " " | " |
| 718 | Sandwick, Whalsay | HU 538617 |
| 721 | Isbister Holm (south) | HU 602642 |
| 722 | " " | " |
| 723 | " " | " |
| 724 | " " | " |
| 725 | Isbister Holm (north) | HU 604643 |
| 726 | " " | " |
| 727 | Sumburgh Head South Mainland (site 1) | HU 407083 |
| 728 | " " " " | " |
| 729 | " " " " (site 2) | " |
| 731 | Sumburgh Head, South Mainland (site 2) | HU 408085 |
| 732 | " " " " | " |
| 763 | Quendale, South Mainland (site 3) | HU 385125 |
| 764 | " " " | " |
| 765 | " " " | " |
| 766 | " " " | " |
| 802 | Spiggie, South Mainland | HU 373180 |
| 803 | " " " | " |
| 804 | " " " | " |
| 805 | " " " | " |
| 806 | " " " | " |
| 817 | Melby, Walls, Mainland | HU 191576 |
| 818 | " " " | " |
| 819 | " " " | " |
| 820 | " " " | " |
| 830 | Sandness, Walls, Mainland | HU 194572 |
| 831 | " " " | " |
| 832 | " " " | " |
| 851 | Sandsound, Central Mainland | HU 361483 |
| 852 | " " " | " |
| 853 | " " " | " |
| 860 | " " " | " |
| 891 | Utnabrake, Tingwall, Mainland | HU 409408 |
| 892 | " " " | " |
| 895 | Loch Tingwall, Mainland | HU 414430 |
| 896 | " " " | " |
| 931 | Broch, Mousa | HU 458237 |
| 932 | " " | " |
| 933 | " " | " |
| 934 | " " | " |
| 935 | " " | " |
| 936 | " " | " |
| 937 | Green Head, Mousa | HU 462233 |
| 938 | " " " | " |
| 939 | " " " | " |
| 940 | " " " | " |
| 941 | " " " | " |
| 945 | Dock of Lingness, Nesting, Mainland | HU 488549 |
| 947 | " " " " | " |
| 948 | " " " " | " |
| 952 | " " " " | " |

RELEVE NO.LOCATIONGRID REFERENCE

| | | |
|-----|------------------------------|-----------|
| 953 | The Burr, Eshaness, Mainland | HU 216806 |
| 954 | " " " " | " |
| 956 | " " " " | " |
| 987 | Ander Hill, Bressay | HU 528411 |
| 989 | " " " " | " |
| 990 | " " " " | " |
| 991 | " " " " | " |
| 992 | " " " " | " |

| | | |
|-----|------------------|----------------|
| 151 | HYLOCOMIUM | SPLENDENS |
| 152 | HYPNUM | CUPRESSIFORME |
| 153 | HYPNUM | ERICETORUM |
| 154 | ISOTHECIUM | MYOSUROIDES |
| 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 | SCALARIS |
| 164 | PELLIA | EPIPHYLLA |
| 165 | PELLIA | FABBRONIANA |
| 166 | PELLIA | NEESIANA |
| 167 | PHILONOTIS | 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 | CUSPICATUM |
| 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 | QUINQUEDENTATA |
| 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 | OSSIFRAGUM |
| 204 | RANUNCULUS | REPENS |
| 205 | STELLARIA | MEDIA |
| 206 | AGROCLADIUM | GIGANTEUM |
| 207 | MATRICARIA | MATRICOIDES |
| 208 | JUNCUS | BUFONIUS |
| 209 | SPERGULARIA | ARVENSIS |
| 210 | TRIPLEUROSPERMUM | MARITIMUM |

| | | |
|-----|---------------|------------------|
| 091 | PINGUICULA | VULGARIS |
| 092 | PLANTAGO | LANCEOLATA |
| 093 | PLANTAGO | MARITIMA |
| 094 | POA | ANNUA |
| 095 | POA | SUBCAERULEA |
| 096 | POA | TRIVIALIS |
| 097 | POLYGALA | SERPYLLIFOLIA |
| 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 | VICIA | CRACCA |
| 127 | VIOLA | PALUSTRIS |
| 128 | VIOLA | RIVINIANA |
| 129 | ACROCLADIUM | CORDIFOLIUM |
| 130 | ACROCLADIUM | CUSPIDATUM |
| 131 | ACROCLADIUM | STRAMINIUM |
| 132 | AMBLYSTEGIUM | SERPENS |
| 133 | AULACOMNIUM | PALUSTRE |
| 134 | BARBILOPHOZIA | FLOERKII |
| 135 | BRACHYTHECIUM | RIVULARE |
| 136 | BRACHYTHECIUM | RUTABULUM |
| 137 | BRYUM | PALLENS |
| 138 | BRYUM | PSEUDOTRIQUETRUM |
| 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 | ANTIPYRETICA |

| | | |
|-----|--------------|---------------|
| 031 | CIRSIUM | PALUSTRE |
| 032 | CYNOSURUS | CRISTATUS |
| 033 | DACTYLIS | GLOMERATA |
| 034 | DACTYLORCHIS | ERICETORUM |
| 035 | DACTYLORCHIS | PURPURELLA |
| 036 | DE SCHAMPSIA | CAESPITOSA |
| 037 | DE SCHAMPSIA | FLEXUOSA |
| 038 | DROSERA | ROTUNDIFOLIA |
| 039 | ELEOCHARIS | MULTICAULIS |
| 040 | ELEOCHARIS | PALUSTRIS |
| 041 | ELEOCHARIS | QUINQUEFLORA |
| 042 | EPILOBIMUM | 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 | GALIUM | PALUSTRE |
| 056 | GALIUM | SAXATILE |
| 057 | GLYCERIA | FLUITANS |
| 058 | HERACLEUM | SPHONDYLIIUM |
| 059 | HOLCUS | LANATUS |
| 060 | HORDEUM | SP |
| 061 | HYDROCOTYLE | VULGARIS |
| 062 | HYPOCHAERIS | RADICATA |
| 063 | IRIS | PSEUDACORUS |
| 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 | SECUNCA |
| 085 | MYOSOTIS | SP |
| 086 | NARDUS | STRICTA |
| 087 | NYMPHAEA | ALBA |
| 088 | PEDICULARIS | PALUSTRIS |
| 089 | PEDICULARIS | SYLVATICA |
| 090 | PHALARIS | ARUNDINACEA |

##-----##
.....
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 | 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 | BLYSMUS | 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 | CIRSIIUM | ARVENSE |

##-----##

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.

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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WET MEADOWS SITES.

| <u>RELEVE NO.</u> | <u>LOCATION.</u> | <u>GRID REF.</u> |
|-------------------|---|------------------|
| 011 | White Ness Voe, Mainland. | HU 393461 |
| 012 | " " " " | " |
| 013 | " " " " | " |
| 014 | " " " " | " |
| 084 | Littleness, Spiggie, S. Mainland. | HU 367168 |
| 085 | " " " " | " |
| 086 | " " " " | " |
| 087 | " " " " | " |
| 088 | " " " " | " |
| 090 | Spiggie(north end), S. Mainland. | HU 369177 |
| 091 | " " " " | " |
| 092 | " " " " | " |
| 093 | " " " " | " |
| 122 | Vidlin, Lunnasting, Mainland. | HU 481652 |
| 131 | Cutts, Trondra. | HU 401382 |
| 132 | " " " " | " |
| 262 | Brough, Toft, Delting, Mainland(site 1) | HU 432777 |
| 263 | " " " " | " |
| 264 | Brough, Toft, Delting, Mainland(site 2) | HU 434776 |
| 265 | " " " " | " |
| 266 | " " " " | " |
| 267 | " " " " | " |
| 268 | " " " " | " |
| 336 | White Ness, Mainland. | HU 385446 |
| 337 | " " " " | " |
| 426 | Laxo, Nesting, Mainland, | HU 445636 |
| 427 | " " " " | " |
| 428 | " " " " | " |
| 429 | " " " " | " |
| 430 | " " " " | " |
| 432 | " " " " | " |
| 433 | " " " " | " |
| 490 | Gluss Voe, North Mainland(site 2) | HU 357775 |
| 491 | " " " " | " |
| 547 | Dales Voe, Delting, Mainland(site 2) | HU 407685 |
| 549 | " " " " | " |
| 671 | Hillside, Ollaberry, N. Mainland. | HU 357799 |
| 672 | " " " " | " |
| 673 | " " " " | " |
| 676 | " " " " | " |
| 677 | " " " " | " |
| 713 | Symbister Ness, Whalsay, | HU 537616 |
| 714 | " " " " | " |
| 715 | " " " " | " |
| 716 | " " " " | " |
| 767 | Spiggie/Brow Lochs, South Mainland. | HU 380156 |
| 768 | " " " " | " |
| 769 | " " " " | " |
| 770 | " " " " | " |

RELEVE NO.LOCATION.GRID REF.

| | | |
|-----|---|-----------|
| 771 | Spiggie/Brow Lochs, South Mainland. | HU 380156 |
| 772 | " " " " | " |
| 773 | " " " " | " |
| 774 | " " " " | " |
| 775 | " " " " | " |
| 776 | " " " " | " |
| 777 | " " " " | " |
| 778 | " " " " | " |
| 779 | " " " " | " |
| 780 | " " " " | " |
| 781 | " " " " | " |
| 782 | " " " " | " |
| 784 | Loch of Brow, South Mainland. | HU 381159 |
| 786 | " " " " | " |
| 787 | " " " " | " |
| 788 | Loch of Spiggie, South Mainland. | HU 379158 |
| 789 | " " " " | " |
| 790 | " " " " | " |
| 791 | " " " " | " |
| 793 | " " " " | " |
| 841 | Stennestwatt, Walls, Mainland. (nr. Loch of Flatpunds) | HU 242519 |
| 842 | " " " " | " |
| 846 | " " " " | " |
| 854 | Sandsound, Central Mainland. | HU 361483 |
| 893 | Utnabrake, Tingwall, Mainland. | HU 409408 |
| 894 | " " " " | " |
| 897 | " " " " | " |
| 898 | " " " " | " |
| 899 | " " " " | " |
| 900 | " " " " | " |
| 950 | Dock of Lingness, Nesting, Mainland. | HU 488549 |
| 951 | " " " " | " |

TABLE 5.5

Syntaxa: wet meadow communities.

- 40: Waterside community.
Calthion palustris.(5.5.2.1)
- 41: Carex rostrata - Menyanthes trifoliata community.
Carex rostrata-Menyanthes trifoliata Ass.(5.5.2.2)
- 42: Potentilla palustris community.
Caricion lasiocarpae.(5.5.2.3.p.p.)
- 43: Potentilla palustris community.
Caricion lasiocarpae.(5.5.2.3.p.p.)
- 44: Potentilla palustris community.
Caricion lasiocarpae.(5.5.2.3.p.p.)
- 45: Grassland flushes.
Pinguiculo-Caricetum dioicae, eleocharetosum
typicum.(5.5.2.4)
- 46: Acidic wet meadows - Viola palustris community.
Caricion curto-nigrae.(5.5.2.5.1)
- 47: Acidic wet meadows.
Carex - Sphagnum recurvum nodum.(5.5.2.5.2)
- 48: Caltha palustris meadows.
Calthion palustris.(5.5.2.6)
- 49: Wet grasslands - Juncus conglomeratus nodum.
Calthion palustris.(5.5.2.7.1)
- 50: Wet grasslands.
Molinietalia community,(5.5.2.7.2)

SALT MARSH SITES.

| <u>RELEVE NO.</u> | <u>LOCATION.</u> | <u>GRID REF.</u> |
|-------------------|--------------------------------------|------------------|
| 001 | Whiteness Voe, Mainland. | HU 394462 |
| 002 | " " " | " |
| 003 | " " " | " |
| 004 | " " " | " |
| 005 | " " " | " |
| 007 | " " " | " |
| 008 | " " " | " |
| 009 | " " " | " |
| 123 | Vidlin, Lunnasting, Mainland. | HU 481652 |
| 124 | " " " | " |
| 473 | Ell Wick, North Mainland. | HU 345679 |
| 474 | " " " " | " |
| 475 | " " " " | " |
| 476 | " " " " | " |
| 477 | " " " " | " |
| 478 | " " " " | " |
| 488 | Gluss Voe, North Mainland(site 1) | HU 358766 |
| 493 | Gluss Voe, North Mainland(site 2) | HU 355775 |
| 494 | " " " " " | " |
| 495 | " " " " " | " |
| 496 | " " " " " | " |
| 497 | " " " " " | " |
| 498 | " " " " " | " |
| 499 | " " " " " | " |
| 500 | " " " " " | " |
| 501 | " " " " " | " |
| 502 | " " " " " | " |
| 532 | Dales Voe, Delting, Mainland(site 1) | HU 409686 |
| 533 | " " " " " | " |
| 534 | " " " " " | " |
| 535 | " " " " " | " |
| 536 | " " " " " | " |
| 537 | " " " " " | " |
| 538 | " " " " " | " |
| 542 | " " " " " | " |
| 563 | Colla Firth, Delting, Mainland. | HU 433688 |
| 564 | " " " " " | " |
| 565 | " " " " " | " |
| 566 | " " " " " | " |
| 567 | " " " " " | " |
| 568 | " " " " " | " |
| 569 | " " " " " | " |
| 695 | Burra Voe, North Mainland. | HU 367885 |
| 696 | " " " " " | " |
| 697 | " " " " " | " |
| 698 | " " " " " | " |
| 699 | " " " " " | " |
| 700 | " " " " " | " |
| 861 | Tresta Voe, Aithsting, Mainland. | HU 358504 |
| 862 | " " " " " | " |

RELEVE NO.LOCATION.GRID REF.

| | | |
|-----|--------------------------------------|-----------|
| 863 | Tresta Voe, Aithsting, Mainland. | HU 358504 |
| 864 | " " " " | " |
| 865 | " " " " | " |
| 866 | " " " " | " |
| 867 | " " " " | " |
| 868 | " " " " | " |
| 869 | " " " " | " |
| 870 | " " " " | " |
| 872 | Ness of Bixter, Aithsting, Mainland. | HU 343519 |
| 873 | " " " " | " |
| 874 | " " " " | " |
| 875 | " " " " | " |
| 876 | " " " " | " |
| 877 | " " " " | " |
| 878 | " " " " | " |
| 879 | " " " " | " |
| 884 | Bridge of Fitch, Central Mainland. | HU 435435 |
| 885 | " " " " | " |
| 886 | " " " " | " |
| 888 | " " " " | " |
| 889 | " " " " | " |
| 891 | " " " " | " |

TABLE 5.3.

Syntaxa: salt marsh communities.

- 17: Species rich upper salt marsh community.
Juncetum gerardii subass. Leontodon autumnalis.(5.3.2.1.p.p.)
- 18: Species rich upper salt marsh community.
Holcus lanatus - Juncus effusus nodum.(5.3.2.1.p.p.)
- 19: Species rich upper salt marsh community - Agrostis
tenuis nodum.
Molinietalia.(5.3.2.1.1.p.p.)
- 20: Species poor upper salt marsh community.
Saginion maritimae.(5.3.2.1.2)
- 21: Eleocharis quinqueflora flushes.
Eleocharietum uniglumis, Shetland variant.(5.3.2.2)
- 22: Triglochin maritima zone.
Festuca - Armeria nodum.(5.3.2.3.p.p.)
- 23: Triglochin maritima zone.
Festuca - Puccinellia nodum.(5.3.2.3.p.p.)
- 24: Spergularia marina community.
Puccinellio-Spergularion salinae.(5.3.2.4)
- 25: Nostoc and Rhizoclonium variant, algal community.
Festuca - Turf furoid nodum.
Puccinellion maritimae.(5.3.2.5.p.p)
- 26: Nostoc, Rhizoclonium, and Fucus variant, algal
community, Festuca - Turf furoid nodum.
Puccinellion maritimae.(5.3.2.5.p.p.)
- 27: Aphanocapsa/Gleocapsa and Fucus variant, Festuca - Turf
furoid nodum.
Puccinellion maritimae.(5.3.2.5.p.p.)

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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 | AGROSTIS | STOLONICERA |
| 002 | AGROSTIS | TENUIS |
| 003 | ANTENNARIA | DIOICA |
| 004 | ANTHOXANTHUM | ODORATUM |
| 005 | ARMERIA | MARITIMA |
| 006 | ATRIPLEX | PATULA |
| 007 | BELLIS | PERENNIS |
| 008 | BLYSMUS | RUFUS |
| 009 | CALLUNA | VULGARIS |
| 010 | CALTHA | PALUSTRIS |
| 011 | CARDAMINE | PRATENSIS |
| 012 | CAREX | DEMISSA |
| 013 | CAREX | DIOICA |
| 014 | CAREX | ECHINATA |
| 015 | CAREX | FLACCA |
| 016 | CAREX | NIGRA |
| 017 | CAREX | PANICEA |
| 018 | CAREX | SEROTINA |
| 019 | CERASTIUM | HOLOSTEOIDES |
| 020 | CIRSIUM | PALUSTRE |
| 021 | COCHLEARIA | OFFICINALIS |
| 022 | ELEOCHARIS | MULTIFLORA |
| 023 | ELEOCHARIS | QUINQUEFLORA |
| 024 | EQUISETUM | PALUSTRE |
| 025 | ERICA | TETRALIX |
| 026 | ERIOPHORUM | ANGUSTIFOLIUM |
| 027 | EUPHRASIA | AGG |
| 028 | FESTUCA | RUBRA |
| 029 | GLAUX | MARITIMA |
| 030 | HOLCUS | LANATUS |

##-----##

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.

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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DEPT. OF BOTANY,
DURHAM UNIVERSITY.

##-----##

| | | |
|-----|--------------|-------------|
| 091 | SCAPANIA | GRACILIS |
| 092 | SOLENOSTOMA | TRISTE |
| 093 | APHANOCAPSA | SP |
| 094 | ENTEROMORPHA | SP |
| 095 | FUCUS | VESICULOSUS |
| 096 | GLEOCAPSA | SP |
| 097 | NOSTOC | SP |
| 098 | OSCILLATORIA | SP |
| 099 | POLYIDES | SP |
| 100 | RHIZOCLONIUM | SP |
| 101 | VAUCHERIA | SP |
| 102 | BRYUM | SP |
| 103 | SENECIO | AQUATICUS |
| 104 | CLADOPHORA | SP |
| 105 | CAMPYLIIUM | SP |
| 106 | ISOTHECIUM | MYOSUROIDES |
| 107 | CAREX | LEPIDOCARPA |
| 108 | CAREX | HOSTIANA |

| | | |
|-----|------------------|------------------|
| 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 | LANCEOLATA |
| 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 | SCHOENUS | NIGRICANS |
| 059 | STIEGLINGIA | DECUMBENS |
| 060 | SPERGULARIA | MARINA |
| 061 | SPERGULARIA | MEDIA |
| 062 | SUCCISA | PRATENSIS |
| 063 | THALICTRUM | ALPINUM |
| 064 | TRIFOLIUM | REPENS |
| 065 | TRIGLOCHIN | PALUSTRIS |
| 066 | TRIGLOCHIN | MARITIMA |
| 067 | TRIPLEURISPERMUM | MARITIMUM |
| 068 | SELAGINELLA | SELAGINOIDES |
| 069 | PELTIGERA | CANINA |
| 070 | ACROCLADIUM | CUSPIDATUM |
| 071 | AMBLYSTEGIUM | SERPENS |
| 072 | BRACHYTHECIUM | RUTABULUM |
| 073 | BRYUM | PSEUDOTRIQUETRUM |
| 074 | CAMPYLUM | POLYGAMUM |
| 075 | DIPLOPHYLLUM | ALBICANS |
| 076 | DREPANOCLADUS | REVOLVENS |
| 077 | EURHYNCHIUM | PRAELONGUM |
| 078 | FRULLANIA | TAMARISCINUM |
| 079 | GRIMMIA | MARITIMA |
| 080 | HYLOCOMIUM | SPLENDENS |
| 081 | HYPNUM | CUPRESSIFORME |
| 082 | HYPNUM | ERICETORUM |
| 083 | HYPNUM | RESUPINATUM |
| 084 | LEPTODICTYON | RIPARIUM |
| 085 | LOPHOCOLEA | CUSPIDATA |
| 086 | MNIUM | HORNUM |
| 087 | PLEUROZIUM | SCHREBERI |
| 088 | RHACOMITRIUM | LANUGINOSUM |
| 089 | RHYTIDIADELPHUS | SQUARROSUS |
| 090 | RICCARDIA | PINGUIS |

| SYNTAXON: | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|---------|-----|-----|---------------|-----------|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|--|--|--|
| 28 FEST RUBR | + 2 | + 1 | 2 2 | + 1 | 1 3 | 2 3 | + + | 1 1 | 2 2 | 1 3 | 1 1 1 1 | 1 | 1 | 1 1 1 1 | 1 1 | 4 3 | + + | 1 + | 2 1 1 | 2 + | 2 1 2 1 | + | + 2 | 4 3 | 1 1 | + 2 | 3 + | + + | 1 1 | 1 3 | 1 2 | | | | | |
| 47 PLAN MARI | 2 1 | + 2 | + 2 | 2 1 | 2 1 | 2 1 | 2 1 | 2 2 | 2 3 | 2 1 | 2 + | 2 2 | + + | + + | 2 3 | 1 2 | + 1 | + 2 | + 4 | 2 3 | + 2 | 3 1 1 | 1 | + 1 | 3 3 3 | 3 + | + 1 | 2 3 | 2 + | + 3 | 2 2 | 3 2 | | | | |
| 5 ARME MARI | + 1 | | 2 1 | | 1 1 | 1 1 | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | 1 + | | | |
| 29 GLAU MARI | + | | | 1 1 | 2 | 1 1 | 2 2 | 1 1 | + 1 | + 2 | 1 + | + + | + + | + + | 2 + | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| 1 AGRO STOL | + + | | 1 1 | 1 2 | 1 1 | 1 1 | + 1 | 1 | | | 1 3 | + + | 3 2 | 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | |
| 35 JUNC GERA | 1 1 | | | 2 2 | | 1 2 | 1 2 | 1 1 | 1 2 | | 1 1 | 1 + | 2 | 1 1 1 | | | | | | | | | | | | | | | | | | | | | | |
| 66 TRIG MARI | + | | | | | 1 | | 2 | | | 1 | + 1 | 1 + | 1 1 1 1 1 1 1 | 1 1 1 1 1 | + 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 | | | | |
| 2 AGRO TENU | | | 1 | 1 | + 1 | + + | 1 + 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 RHYT SQUA | + + | 2 + | + + | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 ANTH ODDR | | 1 + | + + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 CERA HOLC | | 1 + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 POA ANNU | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 EUPH AGG | + + | | 1 + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 PLAN LANC | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 POA SUBC | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 PELT CANI | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 DREP REVO | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 PLAN CORO | 1 + | 1 | | 1 + | 1 + | 1 + | | 1 2 | + 2 | | 3 1 | 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 SAGI PROC | 1 | 1 + | | 1 2 | + + | + + | | | | | 1 1 | 1 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 CCCH OFFI | + + | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 EURH PRAE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 LECN AUTU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 LYCH FLOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 HOLC LANA | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 NARD STRI | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 TRIF REPE | + 1 | 1 + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 ACRO CUSP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 JUNC KOCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 CARE DIOI | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 CARE FLAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 CARE NIGR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 JUNC ARTI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 ELEO QUIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 CARE PANI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 ERIO ANGU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 RANU FLAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 BLYS RUFU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 TRIG PALU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 PUCC MARI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 APHA SP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 FUCU VESI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 NCST SP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 RHIZ SP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 SPER MARI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ALSO :

| | | | | | | | | | | |
|-----|-----------|-----|-----|-----|-----------|-----|-----|-----------|-----|-----|
| 6 | ATRI PATU | 1 | 2 | 7 | BELL PERE | 5 | 8 | BLYS RUFU | 474 | 538 |
| 11 | CARD PRAT | 889 | | 13 | CARE DIOI | 473 | 15 | CARE FLAC | 874 | |
| 17 | CARE PANI | 5 | | 18 | CARE SERO | 473 | 20 | CTIS PALU | 874 | |
| 24 | EQUI PALU | 488 | 695 | 30 | HOLC LANA | 538 | 31 | HYR VULG | 5 | |
| 34 | JUNC EFFU | 874 | 889 | 40 | LYCH FLOS | 501 | 43 | PEII SYLV | 5 | |
| 46 | PLAN LANC | 861 | 862 | 49 | POA SUBC | 862 | 52 | RANU FLAM | 5 | |
| 54 | RUME LCNG | 1 | | 55 | SAGI NODO | 5 | 59 | SIG DECU | 473 | 874 |
| 61 | SPER MEDI | 8 | | 67 | TRIP MARI | 1 | 71 | AML SERP | 865 | 890 |
| 72 | BRAC RUTA | 876 | | 75 | DIPL ALBI | 695 | 79 | GRM MARI | 698 | 863 |
| 84 | LEPT RIPa | 567 | | 86 | MNIU HORN | 473 | 91 | SCP GRAC | 695 | 869 |
| 98 | OSCI SP | 696 | | 103 | SENE AQUA | 501 | 105 | CAMP SP | 5 | |
| 106 | ISOT MYOS | 124 | | 107 | CARE LEPI | 488 | | | | |

SYNTAXON

| | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|--|-----|---------------------------------|---------------|-----------|---------|-------|---------|------|------|-----|
| | 778 | 7777 | 77878 | 179199188 | 7777777 | 777 | 99911 | 1998 | 7777 | 777 |
| | 660 | 99999 | 1120559599300 | 55455545 | 99933 | 14914 | 4455444 | | | |
| | 128 | 8795694073962986108376574045775 | 293139214586 | | | | | | | |

| | | | | | | | | | | | | | |
|-----|-----------|-------------|---------------|---------------|-----------|-------------------------|-----------------|-------------|---------------------|-----------|---------------|-------|-------|
| 90 | TRIF REPE | 2 | | 1 1 1 | 1 1 | 2 1 1 1 1 1 1 1 | + | + | 2 1 1 | 1 1 1 | | 2 | + |
| 64 | PLAN LANC | 1 | 1 + | | + 2 | 1 + | 1 1 1 | + | + 1 1 2 1 2 1 1 1 1 | | | | |
| 40 | FEST RUBR | 1 1 2 2 2 1 | | 1 | 1 2 1 2 1 | 2 3 2 1 1 1 1 1 1 1 1 1 | 2 2 | + 2 1 1 1 1 | | | | 1 1 1 | |
| 70 | POTE ANSE | | | + 1 + 2 1 2 1 | | | 1 | | | 2 2 2 1 | 1 2 1 | | 1 |
| 5 | AGRO STOL | | | 2. + + 2 | + 1 1 | | 1 + | 1 | | 1 1 1 1 1 | + 2 1 2 1 1 1 | | 1 1 1 |
| 8 | AMMO AREN | 1 + | 1 1 | | + 4 | 2 2 2 3 | 2 1 2 3 3 3 1 1 | | | | | | |
| 34 | ELYM AREN | | + 1 1 2 3 2 3 | 1 2 | | | | | | | | | |
| 26 | CERA HOLO | | | | | | | | | | | | |
| 17 | BELL PERE | | | | | | | | | | | | |
| 1 | ACHI MILL | | | | | | | | | | | | |
| 69 | POA SUBC | | | | | | | | | | | | |
| 72 | RANU ACRI | | | | | | | | | | | | |
| 39 | EUPH AGG | | | | | | | | | | | | |
| 54 | LOTU CORN | | | | | | | | | | | | |
| 46 | HOLC LANA | | | | | | | | | | | | |
| 45 | CAKI MARI | 1 1 2 | 2 | | | | | | | | | | |
| 16 | ATRI PATU | + 1 1 | | | | | | | | | | | |
| 47 | HGNK PEPL | | | | | | | | | | | | |
| 85 | SONC ASPE | 1 | + + | 1 + | | | | | | | | | |
| 3 | AGRO REPE | 1 | + | | | | | | | | | | |
| 77 | RUME ACET | | | | | | | | | | | | |
| 87 | STEL MEDI | | | | | | | | | | | | |
| 68 | POA ANNU | | | | | | | | | | | | |
| 6 | AGRO TENU | | | | | | | | | | | | |
| 129 | CIRS ARVE | | | | | | | | | | | | |
| 28 | CIRS VULG | | | | | | | | | | | | |
| 121 | RHYT SQUA | | | | | | | | | | | | |
| 122 | RHYT TRIQ | | | | | | | | | | | | |
| 112 | HYLO SPLE | | | | | | | | | | | | |
| 43 | GALI VERU | | | | | | | | | | | | |
| 102 | BRAC RUTA | | | | | | | | | | | | |
| 74 | RANU REPE | | | | | | | | | | | | |
| 51 | LEON AUTU | | | | | | | | | | | | |
| 126 | TRIF PRAT | | | | | | | | | | | | |
| 114 | LOPH CUSP | | | | | | | | | | | | |
| 57 | LUZU MULT | | | | | | | | | | | | |
| 118 | MNIU UNDU | | | | | | | | | | | | |
| 81 | SAGI PROC | | | | | | | | | | | | |
| 98 | PELT CANI | | | | | | | | | | | | |
| 89 | THYM DRUC | | | | | | | | | | | | |
| 52 | LINU CATH | | | | | | | | | | | | |
| 7 | AIRA PRAE | | | | | | | | | | | | |
| 107 | BRYU PALL | | | | | | | | | | | | |
| 36 | EQUI ARVE | | | | | | | | | | | | |
| 73 | RANU FLAM | | | | | | | | | | | | |
| 80 | SAGI NODO | | | | | | | | | | | | |
| 49 | JUNC KOCH | | | | | | | | | | | | |
| 23 | CARE MARI | | | | | | | | | | | | |
| 22 | CARE FLAC | | | | | | | | | | | | |
| 21 | CARE AREN | | | | | | | | | | | | |
| 66 | PLAN MARI | | | | | | | | | | | | |
| 71 | PRUN VULG | | | | | | | | | | | | |
| 42 | GALI PALU | | | | | | | | | | | | |
| 110 | DREP ADUN | | | | | | | | | | | | |
| 99 | ACRO CUSP | | | | | | | | | | | | |
| 24 | CARE NIGR | | | | | | | | | | | | |
| 100 | ACRO GIGA | | | | | | | | | | | | |
| 20 | CARD PRAT | | | | | | | | | | | | |

ALSO :

| | | | | | | | | |
|-----|-----------|---------|-----|-----------|---------|-----|-----------|---------|
| 4 | AGRO CANI | 801 | 7 | AIRA PRAE | 744 750 | 9 | ANGE SYLV | 796 799 |
| 12 | ARME MARI | 995 | 13 | ARRE ELAT | 719 807 | 18 | CALT PALU | 743 |
| 25 | CERA ATRO | 719 750 | 31 | CYAN CRIS | 135 | 33 | ELEO MULT | 751 |
| 35 | FPIL PALU | 743 746 | 38 | EQUI SYLV | 743 | 41 | GALI APAR | 748 808 |
| 44 | GENT CAMP | 744 750 | 48 | JUNC ARTI | 743 | 50 | LAMI MGLU | 811 |
| 53 | LOLI PERE | 112 755 | 58 | MATR MATR | 811 | 59 | MYOS ARVE | 719 811 |
| 60 | MYOS CAES | 749 752 | 61 | MYOS SECU | 743 751 | 65 | PLAN MAJO | 811 |
| 75 | RAPH RAPH | 811 | 79 | RUMS LONG | 811 | 80 | SAGI NODO | 746 748 |
| 82 | SENE AQUA | 137 | 83 | SILE DIQI | 720 | 88 | TARA SPEC | 799 |
| 91 | TRIP MARI | 807 811 | 92 | URTI DIQI | 720 | 94 | VICI SP. | 807 |
| 95 | VICI CRAC | 152 | 96 | VIOL RIVI | 747 750 | 98 | PELT CANI | 744 750 |
| 105 | BRYU CAPI | 798 799 | 106 | CAMP LUTE | 798 | 109 | CRAT FILI | 745 |
| 110 | DREP ADUN | 751 754 | 111 | EURH PRAE | 995 999 | 116 | MNIU LUNG | 997 |
| 117 | MNIU PUNC | 801 | 119 | PELL EPIP | 745 746 | 120 | PSEU PURU | 758 |
| 123 | SOLE TRIS | 744 750 | 124 | TORT RURA | 998 | 125 | HERA SPHO | 949 |
| 135 | DESC CAES | 153 | 137 | BRAC RUTA | 135 | | | |

SAND-DUNE SITES

| <u>RELEVE NO.</u> | <u>LOCATION</u> | <u>GRID REFERENCE</u> |
|-------------------|-------------------------------------|-----------------------|
| 112 | Gungstie, Noss | HU 532411 |
| 135 | Meil, West Burra | HU 375354 |
| 136 | " " " | " |
| 137 | " " " | " |
| 152 | St. Ninian's Bay, South Mainland | HU 376209 |
| 153 | " " " " " | " |
| 719 | Sand Wick, Whalsay | HU 542615 |
| 720 | " " " | " |
| 743 | Quendale, South Mainland (site 1) | HU 382133 |
| 744 | " " " | " |
| 745 | " " " | " |
| 746 | " " " | " |
| 747 | " " " | " |
| 748 | " " " | " |
| 749 | " " " | " |
| 750 | " " " | " |
| 751 | " " " | " |
| 752 | " " " | " |
| 753 | " " " | " |
| 754 | " " " | " |
| 755 | Quendale, South Mainland (site 2) | HU 378129 |
| 756 | " " " | " |
| 757 | " " " | " |
| 758 | " " " | " |
| 759 | " " " | " |
| 761 | " " " | " |
| 762 | " " " | " |
| 795 | Spiggie, South Mainland | HU 373180 |
| 796 | " " " | " |
| 797 | " " " | " |
| 798 | " " " | " |
| 799 | Spiggie, South Mainland | HU 372178 |
| 800 | " " " | " |
| 801 | " " " | " |
| 807 | Mail, South Mainland | HU 429280 |
| 808 | " " " | " |
| 811 | Melby, Walls, Mainland | HU 189578 |
| 814 | " " " | " |
| 949 | Dock of Lingness, Nesting, Mainland | HU 488549 |
| 993 | Gungstie, Noss | HU 532411 |
| 994 | " " " | " |
| 995 | " " " | " |
| 996 | " " " | " |
| 997 | " " " | " |
| 998 | " " " | " |
| 999 | " " " | " |

TABLE 5.2.

Syntaxa: sand-dune communities.

- 07: Open beach communities - *Cakile maritima* nodum
Elymo-Agropyretum junceiforme. (5.2.2.1.1)
- 08: Elymus-Festuca dunes.
Elymo-Ammophiletum arenariae. (5.2.2.1.2)
- 09: Disturbed sand community - *Potentilla anserina*
nodum.
Elymo-Ammophiletum arenariae. (5.2.2.1.3)
- 10: *Ammophila* dunes - *Ammophila* sociation.
Galio-Koelerion. (5.2.2.2.1)
- 11: *Ammophila* - Bryophyte community.
Viola curtisii-*Syntrichia ruralis* Association,
subass. *Peltigera canina*, var. *Camptothecium*
lutescens. (5.2.2.2.2.p.p.)
- 12: *Ammophila* - Bryophyte community.
Viola curtisii-*Syntrichia ruralis* Association,
subass. *Peltigera canina*, var. *Ditrichum flexicaule*.
(5.2.2.2.2.p.p.)
- 13: Sandy grasslands - *Achillea* nodum.
Cynosurion cristati. (5.2.2.3)
- 14: Disturbed sandy grasslands.
Poo-Lolietum. (5.2.2.4)
- 15: Dune slacks - *Galium palustre* nodum.
Caricion davallianae. (5.2.2.5.1)
- 16: Dune slacks - *Carex maritima* nodum.
Caricion davallianae. (5.2.2.5.2)

| | | |
|-----|--------------------|--------------|
| 091 | TRIPLEUROSPERMUM | MARITIMUM |
| 092 | URTICA | DIOICA |
| 093 | URTICA | URENS |
| 094 | VICIA | SP. |
| 095 | VICIA | CRACCA |
| 096 | VIOLA | RIVINIANA |
| 097 | SELAGINELLA | SELAGINOIDES |
| 098 | PELTIGERA | CANINA |
| 099 | ACROCLADIUM | CUSPIDATUM |
| 100 | ACROCLADIUM | GIGANTEUM |
| 101 | BRACHYTHECIUM | ALBICANS |
| 102 | BRACHYTHECIUM | RUTABULUM |
| 103 | BRYUM | SP |
| 104 | BRYUM | ARGENTEUM |
| 105 | BRYUM | CAPILLARE |
| 106 | CAMPTOTHECIUM | LUTESCENS |
| 107 | BRYUM | PALLENS |
| 108 | CLIMACIUM | DENDROIDES |
| 109 | CRATGEURON | FILICINUM |
| 110 | DREPANOCCLUS | ADUNCUS |
| 111 | EURHYNCHIUM | PRAELONGUM |
| 112 | HYLOCOMIUM | SPLENDENS |
| 113 | ISOTHECIUM | MYOSUROIDES |
| 114 | LOPHOCOLEA | CUSPICATA |
| 115 | MNIUM | HORNUM |
| 116 | MNIUM | LONGIROSTRUM |
| 117 | MNIUM | PUNCTATUM |
| 118 | MNIUM | UNDULATUM |
| 119 | PELLIA | EPIPHYLLA |
| 120 | PSEUDOSCLEROPODIUM | PURUM |
| 121 | RHYTIDIACELPHUS | SQUARROSUS |
| 122 | RHYTIDIACELPHUS | TRIQUETRUS |
| 123 | SOLENOSTOMA | 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 | DACTYLORCHIS | ERICETORUM |
| 134 | POA | TRIVIALIS |
| 135 | DESCHAMPSIA | CAESPITOSA |
| 136 | TRIFOLIUM | PRATENSE |
| 137 | BRACHYTHECIUM | RUTABULUM |
| 138 | LYCHNIS | FLOS-CUCULI |
| 139 | ANTHRISCUS | SYLVESTRIS |
| 140 | LATHYRUS | MARITIMUS |
| 141 | GERANIUM | PRATENSE |

| | | |
|-----|-------------|------------------|
| 031 | CYANOSURUS | CRISTATUS |
| 032 | DACTYLIS | GLOMERATA |
| 033 | ELEOCHARIS | MULTIFLORA |
| 034 | ELYMUS | ARENARIUS |
| 035 | EPILOBIUM | PALUSTRE |
| 036 | EQUISETUM | ARVENSE |
| 037 | EQUISETUM | PALUSTRE |
| 038 | EQUISETUM | SYLVATICUM |
| 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 | MOLUCCELLIFOLIUM |
| 051 | LEONTODON | AUTUMNALIS |
| 052 | LINUM | CATHARTICUM |
| 053 | LOLIUM | PERENNE |
| 054 | LOTUS | CORNICULATUS |
| 055 | BOTRYCHIUM | LUNULARIA |
| 056 | LUZULA | CAMPESTRIS |
| 057 | LUZULA | MULTIFLORA |
| 058 | MATRICARIA | MATRICARIOIDES |
| 059 | MYOSOTIS | ARVENSIS |
| 060 | MYOSOTIS | CAESPITOSA |
| 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 | RAPHANISTRUM |
| 076 | RHINANTHUS | MINOR |
| 077 | RUMEX | ACETOSA |
| 078 | RUMEX | CRISPUS |
| 079 | RUMEX | LONGIFOLIUS |
| 080 | SAGINA | NODOSA |
| 081 | SAGINA | PROCUMBENS |
| 82 | SENECIO | AQUATICUS |
| 083 | SILENE | DIDICA |
| 084 | SCILLA | VERNA |
| 085 | SONCHUS | ASPER |
| 086 | SONCHUS | ASPER-CH. |
| 087 | STELLARIA | MEDIA |
| 088 | TARAXACUM | SPECTABILE |
| 089 | THYMUS | DRUCEI |
| 090 | TRIFOLIUM | REPENS |

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SPECIES LIST

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IN THE TABLES.

.....

| | | |
|-----|--------------|----------------|
| 001 | ACHILLEA | MILLEFOLIUM |
| 002 | AGROPYRON | JUNCEIFORME |
| 003 | AGROPYRON | REPENS |
| 004 | AGROSTIS | CANINA |
| 005 | AGROSTIS | STOLGNIFERA |
| 006 | AGROSTIS | TENUIS |
| 007 | AIRA | PRAECCX |
| 008 | AMMOPHILA | ARENARIA |
| 009 | ANGELICA | SYLVESTRIS |
| 010 | ANTHOXANTHUM | ODORATUM |
| 011 | ANTHYLLIS | VULNERARIA |
| 012 | ARMERIA | MARITIMA |
| 013 | ARRENATHERUM | ELATIUS |
| 014 | ARTEMISIA | VULGARIS |
| 015 | ATRIPLEX | GLABRIUSCULA |
| 016 | ATRIPLEX | PATULA |
| 017 | BELLIS | PERENNIS |
| 018 | CALTHA | PALUSTRIS |
| 019 | CAPSELLA | BURSA-PASTORIS |
| 020 | CARDAMINE | PRATENSIS |
| 021 | CAREX | ARENARIA |
| 022 | CAREX | FLACCA |
| 023 | CAREX | MARITIMA |
| 024 | CAREX | NIGRA |
| 025 | CERASTIUM | ATROVIRENS |
| 026 | CERASTIUM | HOLOSTEOIDES |
| 027 | CERASTIUM | GLOMERATUM |
| 028 | CIRSIUM | VULGARE |
| 029 | CIRSIUM | VULGARE CH. |
| 030 | COCHLEARIA | OFFICINALIS |

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PHYTOSOCIOLOGICAL TABLE OUTPUT
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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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DEPT. OF BOTANY,
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##-----##

| | | |
|-----|-----------------|---------------|
| 091 | ACROCLADIUM | CUSPIDATUM |
| 092 | AMBLYSTEGIUM | SERPENS |
| 093 | BARBULA | RECURVIROSTRA |
| 094 | BRACHYTHECIUM | RUTABULUM |
| 095 | CAMPTOTHECIUM | SERICIUM |
| 096 | FURHYNCHIUM | PRAELONGIUM |
| 097 | HYPNUM | CUPRESSIFORME |
| 098 | LOPHOCOLEA | CUSPIDATA |
| 099 | MNIUM | HORNII |
| 100 | PELLIA | EPIPHYLLA |
| 101 | POHLIA | DELICATULA |
| 102 | RHYTIDIADELPHUS | SQUARROSUS |
| 103 | DESCHAMPSIA | CAESPITOSA |
| 104 | SILENE | MARITIMA |
| 105 | POA | TRIVIALIS |
| 106 | CERASTIUM | CH. |

##-----##

| | | |
|-----|------------------|----------------|
| 031 | GERANIUM | ROBERTIANUM |
| 032 | GLYCERIA | FLUITANS |
| 033 | HERACLEUM | SPHONDYLIIUM |
| 034 | HOLCUS | LANATUS |
| 035 | HONKENYA | PEPLOIDES |
| 036 | HYDROCOTYLE | VULGARE |
| 037 | JUNCUS | ARTICULATUS |
| 038 | JUNCUS | BUFONIUS |
| 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 | DISCOLOR |
| 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 | RAPHANISTRUM |
| 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 | SINAPISIS | ARVENSIS |
| 077 | SONCHUS | ASPER |
| 078 | SPERGULARIA | ARVENSIS |
| 079 | SPERGULARIA | MEDIA |
| 080 | SILENE | MARITIMA |
| 081 | STELLARIA | MEDIA |
| 082 | SUAEDA | MARITIMA |
| 083 | TARAXACUM | SPECTABILE |
| 084 | TRIFOLIUM | REPENS |
| 085 | TRIFOLIUM | PRATENSE |
| 086 | TRIPLEUROSPERMUM | MARITIMUM |
| 087 | URTICA | DIGICA |
| 088 | URTICA | URENS |
| 089 | VICCIA | CRACCA |
| 090 | VIOLA | PALUSTRIS |

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| | | |
|-----|--------------|----------------|
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| 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 | HOLOSTEIOIDES |
| 018 | CIRSIUM | ARVENSE |
| 019 | CIRSIUM | PALUSTRE |
| 020 | CIRSIUM | VULGARE |
| 021 | COCHLEARIA | OFFICINALIS |
| 022 | CYNOSURUS | CRISTATUS |
| 023 | ELEOCHARIS | PALUSTRIS |
| 024 | ELYMUS | ARENARIUS |
| 025 | EPILGBIUM | PALUSTRE |
| 026 | EQUISETUM | ARVENSE |
| 027 | EUPHRASIA | SP. |
| 028 | FESTUCA | RUBRA |
| 029 | GALIUM | APARINE |
| 030 | GERANIUM | PRATENSE |

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

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##-----##

TABLE 5.1

SHINGLE.

SYNTAXON:

| | 01 | 02 | 03 | 04 | 05 | 06 |
|--|-------------|-------------|-------------------|-----------------|---------------|-----------|
| | 4 8 5 8 6 8 | 6 6 6 6 6 | 4 4 4 4 | 8 8 8 6 1 0 | 8 4 6 | 0 0 0 0 0 |
| | 7 8 4 8 9 8 | 8 8 8 8 8 | 8 8 8 8 8 | 0 1 1 9 2 9 | 1 8 9 9 9 9 9 | 9 |
| | 9 0 4 2 3 1 | 5 4 3 6 7 2 | 1 4 3 9 0 3 2 5 6 | 6 0 4 4 7 8 5 9 | | |

| | | | | | | |
|----|-----------|-----------------------------|---------------|--|-----|-----|
| 28 | FEST RUBR | 1 3 2 2 + 1 + 1 2 2 2 + 1 1 | | | | + 2 |
| 84 | TRIF REPE | 1 1 1 + | | | | + |
| 17 | CERA HOLO | + + + + 1 + 1 1 + | | | | + |
| 62 | POTE ANSE | | 1 2 + 3 1 + 1 | | 3 1 | |
| 10 | ATRI PATU | | | | | |
| 81 | STEL MEDI | | | | | |
| 29 | GALI APAR | | | | | |
| 60 | PGA ANNU | | | | | |
| 3 | AGRO STOL | | | | | |
| 2 | AGRO REPE | | | | | |
| 12 | CAKI MARI | | | | | |
| 86 | TRIP MARI | | | | | |
| 70 | RUME CRIS | | | | | |
| 72 | SAGI PRCC | 1 + 1 + 1 + | | | | |
| 59 | PLAN MARI | + 1 1 1 + 1 | | | | |
| 21 | CGCH OFFI | 1 + + 1 + 1 | | | | |
| 57 | PLAN CGRC | 1 1 1 + | | | | |
| 8 | ARME MARI | + 1 + | | | | |
| 96 | EURH PRAE | + + 1 + | | | | |
| 4 | AGRC TENU | 1 1 1 1 | | | | |
| 6 | ANTH ODOR | 1 1 1 | | | | |
| 50 | MERT MARI | | | | | |
| 46 | LCTU CORN | | | | | |
| 75 | SILE DIOI | | | | | |
| 34 | FOLC LANA | | | | | |
| 35 | HCNK PEFL | | | | | |
| 58 | PLAN LANC | | | | | |
| 68 | RUME ACET | | | | | |
| 9 | ARRE ELAT | | | | | |
| 71 | RUME LONG | | | | | |
| 31 | GERA RGBE | | | | | |
| 61 | PGA SUBC | | | | | |

ALSO :

| | | |
|-----|-----------|---------|
| 5 | ALGP GENI | 693 |
| 22 | CYNO CRIS | 479 |
| 36 | HYDR VULG | 693 |
| 39 | JUNC CGNG | 693 |
| 44 | LECN AUTU | 693 |
| 48 | MATR MATR | 809 |
| 64 | RANU ACRI | 693 881 |
| 74 | SENE ACUA | 683 687 |
| 85 | TRIF PRAT | 683 |
| 94 | BRAC RUTA | 97 |
| 99 | MNIU HORN | 97 |
| 103 | CESC CAES | 125 |

| | | |
|-----|-----------|---------|
| 12 | CAKI MARI | 809 810 |
| 24 | ELYM AREN | 810 |
| 37 | JUNC ARTI | 693 |
| 40 | JUNC EFFU | 881 |
| 46 | LGTU CORN | 683 687 |
| 50 | MERT MARI | 483 484 |
| 66 | RAPH RAPH | 809 |
| 77 | SONC ASPE | 96 |
| 87 | URTI GIOI | 881 |
| 97 | HYPN CUPR | 880 |
| 101 | POHL DELI | 809 |

| | | |
|-----|-----------|---------|
| 16 | CARE NIGR | 693 |
| 27 | EUPH SP. | 686 687 |
| 38 | JUNC BUFD | 809 |
| 41 | JUNC GERA | 479 |
| 47 | LUZU MULT | 683 |
| 63 | PUCC MARI | 482 |
| 69 | RUME ACET | 684 |
| 83 | TARA SPEC | 97 98 |
| 92 | AMBL SERP | 880 |
| 98 | LOPH CUSP | 882 |
| 102 | RHYI SQUA | 882 |

TABLE 5.1

Syntaxa: shingle communities.

- 01: Shingle spit communities - *Agrostis tenuis* nodum,
Molinietalia. (5.1.2.1)
- 02: *Honkenya peploidis* community - *Honkenya* nodum,
Honkenyo-Crambion maritimae (5.1.2.2)
- 03: *Mertensia maritima* community - *Mertensia* nodum,
Atriplicion littoralis (5.1.2.3)
- 04: *Atriplex patula* community - *Atriplicetum littoralis*.
(5.1.2.4.p.p.)
- 05: transitional nodum in *Agropyron pungentis*. (5.1.2.4.p.p.)
- 06: *Geranium robertianum* community - *Arrhenatherum*
elatius nodum. (5.1.2.5)

SHINGLE SITES.

| <u>RELEVE NO.</u> | <u>LOCATION</u> | <u>GRID REF.</u> |
|-------------------|--------------------------------------|------------------|
| 094 | Boddam, South Mainland | HU 397156 |
| 095 | " " " | " |
| 096 | " " " | " |
| 097 | " " " | " |
| 098 | " " " | " |
| 099 | " " " | " |
| 125 | Vidlin, Lunnasting, Mainland. | HU 481652 |
| 479 | Ell Wick, North Mainland. | HU 345679 |
| 480 | " " " " | " |
| 481 | " " " " | " |
| 482 | " " " " | " |
| 483 | Gluss Voe, North Mainland(site 1) | HU 358766 |
| 484 | " " " " " | " |
| 544 | Dales Voe, Delting, Mainland(site 1) | HU 409686 |
| 683 | Sand Voe, North Mainland. | HU 365909 |
| 684 | " " " " | " |
| 685 | " " " " | " |
| 686 | " " " " | " |
| 687 | " " " " | " |
| 692 | " " " " | " |
| 693 | Burra Voe, North Mainland. | HU 365892 |
| 694 | " " " " | " |
| 809 | Mail, South Mainland. | HU 429280 |
| 810 | " " " | " |
| 813 | Melby, Walls, Mainland. | HU 189578 |
| 816 | " " " | " |
| 880 | Ness of Bixter, Aithsting, Mainland. | HU 343519 |
| 881 | Bridge of Fitch, Central Mainland. | HU 435435 |
| 882 | " " " " | " |