**Mawbray Banks SSSI Baseline Vegetation Survey, Appendix 3 – raw data**

**Report Number 0721/7**

**29th July 2021**

Report commissioned by;

Chris Spencer

Deputy Manager

Solway Coast Area of Outstanding Natural Beauty

Solway Coast AONB Unit

Liddell Street, Silloth on Solway

Cumbria, CA7 4DD

Report prepared by;

A picture containing text, plant, vector graphics, silhouette

Description automatically generated

**South Lakes Ecology**

Survey and Habitat Management

Mike Douglas BSc MCIEEM

13 Rydal Road

Ulverston LA12 9BU

01229 582018

[mail@southlakesecology.co.uk](mailto:mail@southlakesecology.co.uk)

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| NVC Record Sheet | | | | | | |
| Location: Transect 10, quadrat 1 | Grid reference NY08215 47225 | | | Region | | Author MD |
| Site and vegetation description  Recently scraped for Rosa rugosa control | | | | Date 18/06/21 | Sample no.  1 | |
| Altitude | Slope  5° | |
| Aspect  W | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15cm 5cm 0cm | | |
| Layers cover  25% 25% 50% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| Rosa rugosa | 5 | O | |  |  |  | | --- | --- | --- | | 20 | 15 | 0 | | 0 | 0 | 5 | | 5 | 10 | 15 |   NVC community - none  N  S | | | |
| Festuca spp | 4 | R |
| Arrhenatherum elatius | 2 | R |
| Dactylis glomerata | 2 | R |
| Elymus pycnanthus | 3 | R |
| Ammophila arenaria | 2 | R |
| Vicia hirsuta | 3 | R |
| Taraxacum officianale | 2 | R |
| Senecio jacobea | 3 | R |
| Carex arenaria | 3 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 10, quadrat 2 | Grid reference NY 08235 47226 | | | Region | | Author MD |
| Site and vegetation description  Eastern side of first sand dune ridge | | | | Date  18/06/21 | Sample no.  2 | |
| Altitude | Slope  5- 10° | |
| Aspect  E | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  35cm <10cm | | |
| Layers cover  70% 30% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 5 | O | |  |  |  | | --- | --- | --- | | 10 | 30 | 35 | | 20 | 25 | 30 | | 35 | 20 | 20 |   Very grass dominated with frequent, tall flowering heads. Grass litter abundant.  NVC Community  SD9a, *Ammophila arenaria – Arrhenatherum elatius* dune grassland, typ sub-comm.  N  S | | | |
| *Ammophila arenaria* | 5 | O |
| *Avenula pubescens* | 5 | O |
| *Festuca rubra* | 6 | F |
| *Carex arenaria* | 3 | R |
| *Poa pratensis* | 4 | R |
| *Elymus pycnanthus* | 1 | R |
| *Galium verum* | 2 | R |
| *Rosa pimpinellifolia* | 4 | R |
| *Rhytidiadelphus squarrosus* | 3 | R |
| *Pseudoscleropodium purum* | 4 | R |
| *Plantago lanceolata* | 1 | R |
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| NVC Record Sheet | | | | | | |
| Location:  Trans 10, quadrat 3 | Grid reference  NY 08274 47227 | | | Region | | Author MD |
| Site and vegetation description  South facing bank | | | | Date  18/06/21 | Sample no.  3 | |
| Altitude | Slope  20° | |
| Aspect  S | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  30cm 15cm <5cm | | |
| Layers cover  65% 25% 10% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Anthoxanthum odoratum* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Grass dominated but high cover of *Anthoxanthum* and lower cover of more competitive species. Grass litter frequent.  N  S | | | |
| *Arrhenatherum elatius* | 3 | R |
| *Ammophila arenaria* | 5 | O |
| *Festuca rubra* | 7 | F |
| *Agrostis capillaris* | 3 | R |
| *Poa pratensis* | 4 | R |
| *Vicia hirsuta* | 3 | R |
| *Plantago lanceolata* | 1 | R |
| *Carex arenaria* | 3 | R |
| *Thymus praecox* | 1 | R | NVC Comm: SD8a *Festuca rubra-Galium verum* fixed dune grassland, typ sub-comm | | | |
| *Pseudoscleropodium purum* | 4 | R |
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|  |  |  | |  |  |  | | --- | --- | --- | | 20 | 35 | 25 | | 15 | 15 | 40 | | 25 | 30 | 30 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 10, quadrat 4 | Grid reference  NY 08288 47227 | | | Region | | Author MD |
| Site and vegetation description  South facing bank | | | | Date  18/06/21 | Sample no.  4 | |
| Altitude | Slope  20° | |
| Aspect  SSE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  30cm 15cm | | |
| Layers cover  40% 60% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Grass dominated with relatively high proportion of *A. capillaris* and *Festuca ovina*, with less *Ammophila* than swards to west.  N  S | | | |
| *Festuca rubra* | 5 | O |
| *Festuca ovina* | 4 | R |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 5 | O |
| *Carex arenaria* | 3 | R |
| *Ammophila arenaria* | 2 | R |
| *Galium saxatile* | 2 | R |
| *Campanula rotundifolia* | 2 | R |
|  |  |  | NVC Comm: Transitional from SD8 *Festuca rubra- Galium verum* dune grassland to SD12 | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 20 | 30 | 30 | | 30 | 25 | 25 | | 10 | 20 | 25 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 10, quadrat 5 | Grid reference NY 08318 47227 | | | Region | | Author MD |
| Site and vegetation description  S. edge of Calluna patch, measuring 50m x 30m. | | | | Date  18/06/21 | Sample no.  5 | |
| Altitude | Slope  15° | |
| Aspect  S | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  30cm 20cm <5cm | | |
| Layers cover  85% 10% 5% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Dominated by old, yet still dense heather. Immediate surroundings with scattered spikes of *Chamaenerion angustifolium* and rosettes of *Dryopteris* fern spp.  N  S | | | |
| *Holcus lanatus* | 4 | O |
| *Arrhenatherum elatius* | 2 | R |
| *Carex arenaria* | 5 | O |
| *Calluna vulgaris* | 8 | D |
| *Polypodium vulgare* | 1 | R |
| *Hypnum cuppressiforme* | 4 | R |
| *Pseudosceropodium purum* | 4 | R |
| *Kindbergia praelonga* | 1 | R |
|  |  |  | NVC Comm: H11c *Calluna – Carex arenaria* coastal heath, spp poor sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 30 | 35 | 35 | | 30 | 30 | 30 | | 30 | 30 | 30 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Transect 10, quadrat 6 | Grid reference NY 08336 47227 | | | Region | | Author MD |
| Site and vegetation description  Coastal heat, eastern edge of large Calluna stand | | | | Date  18/06/21 | Sample no.  6 | |
| Altitude | Slope  5° | |
| Aspect  SE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 30cm <5cm | | |
| Layers cover  90% 5% 5% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 2 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   *Calluna* dense and tall. Imm surroundings include grassy sward to east dominated by *Arrhenatherum* and *Holcus lanatus*  N  S | | | |
| *Holcus lanatus* | 1 | R |
| *Calluna vulgaris* | 9 | D |
| *Chamaenerion angustifolium* | 1 | R |
| *Hypnum cuppressiforme* | 3 | R |
| *Hypnum jutlandicum* | 4 | O |
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|  |  |  | NVC Comm: H11c *Calluna- Carex arenaria* coastal heath, spp poor sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 35 | 35 | 40 | | 40 | 45 | 40 | | 45 | 40 | 45 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 10, quadrat 7 | Grid reference NY 08361 47227 | | | Region | | Author MD |
| Site and vegetation description  Top of slight ridge east of coastal heath | | | | Date  18/06/21 | Sample no.  7 | |
| Altitude | Slope  \_ | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  30cm 20cm 5cm | | |
| Layers cover  15% 50% 35% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Low ridge within stand of homogenous veg with *Conopodium* concentrated along ridge-top. *Polypodium* and isolated *Rosa canina* nearby  N  S | | | |
| *Festuca rubra* | 5 | O |
| *Festuca ovina* | 5 | O |
| *Holcus lanatus* | 3 | R |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Dryopteris dilatata* | 1 | R |
| *Galium saxatile* | 5 | O |
| *Conopodium majus* | 4 | R | NVC Comm: transition SD8 *Festuca rubra-Galium verum* towards SD12 | | | |
| *Chamaenerion angustifolium* | 1 | R |
| *Pseudoscleropodium purum* | 5 | O |
|  |  |  | |  |  |  | | --- | --- | --- | | 20 | 5 | 15 | | 20 | 10 | 5 | | 25 | 20 | 20 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 10, quadrat 8 | Grid reference NY 08395 47227 | | | Region | | Author MD |
| Site and vegetation description  Quadrat crosses line marking edge of gorse scrape | | | | Date  18/06/21 | Sample no.  8 | |
| Altitude | Slope  5 – 10° | |
| Aspect  SW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 20cm 10cm <5cm | | |
| Layers cover  30% 20% 20% 30% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Much of the *Arrhenatherum* within gorse management area recently grazed.  N  S | | | |
| *Ammophila arenaria* | 4 | R |
| *Holcus lanatus* | 4 | O |
| *Festuca rubra* | 3 | R |
| *Poa pratensis* | 3 | R |
| *Carex arenaria* | 1 | R |
| *Rhytidiadelphus squarrosus* | 1 | R |
| Bare / dead gorse stems | 5 | O |
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|  |  |  | NVC Comm: SD9a *Ammophila arenaria -Arrhenatherum elatius* dune grassland, typ sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 50 | 50 | 20 | | 45 | 50 | 10 | | 20 | 40 | 5 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 9, quadrat 9 | Grid reference: NY 08231 47295 | | | Region | | Author MD |
| Site and vegetation description  2m from fence at W end of transect | | | | Date  18/06/21 | Sample no.  9 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 15cm | | |
| Layers cover  25% 75% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Part of a homogenous strip of vegetation running along E side of stock fence  N  S | | | |
| *Festuca spp* | 6 | F |
| *Holcus lanatus* | 3 | R |
| *Poa pratensis* | 3 | R |
| *Arrhenatherum elatius* | 3 | R |
| *Vicia hirsuta* | 6 | F |
| *Lotus corniculatus* | 5 | O |
| *Ononis repens* | 5 | O |
| *Senecio jacobea* | 1 | R |
| *Plantago lanceolata* | 3 | R | NVC Comm: SD8a *Festuca rubra-Galium verum* fixed dune, typ sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 15 | 15 | 10 | | 30 | 20 | 15 | | 30 | 25 | 10 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 9, quadrat 10 | Grid reference: NY 08250 47295 | | | Region | | Author MD |
| Site and vegetation description  Dense, tall fixed dune vegetation with few herbs | | | | Date  18/06/21 | Sample no.  10 | |
| Altitude | Slope  5° | |
| Aspect  S | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 25cm | | |
| Layers cover  30% 70% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Some *Avenula pubescens* imm outside quadrat  N  S | | | |
| *Carex arenaria* | 3 | R |
| *Festuca spp* | 6 | F |
| *Dactylis glomerata* | 4 | R |
| *Arrhenatherum elatius* | 3 | R |
| *Poa pratensis* | 3 | R |
| *Plantago lanceolata* | 3 | R |
| *Ononis repens* | 4 | O |
| *Rhytidiadelphus squarrosus* | 4 | O |
|  |  |  | NVC Comm: SD9a *Ammophila arenaria-Arrhenatherum elatius* dune grassland typ sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 40 | 35 | 20 | | 45 | 40 | 30 | | 20 | 20 | 15 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 9, quadrat 11 | Grid reference: NY 08264 47295 | | | Region | | Author MD |
| Site and vegetation description  SW facing bank of finer grasses, 3m to west of path | | | | Date  18/06/21 | Sample no.  11 | |
| Altitude | Slope  15° | |
| Aspect  SW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  30cm 20cm <5cm | | |
| Layers cover  20% 65% 15% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Swathe of vegetation with shorter sward, finer grasses and greater diversity than found to the west and east  N  S | | | |
| *Carex arenaria* | 4 | R |
| *Festuca rubra* | 5 | O |
| *Festuca ovina* | 5 | O |
| *Poa pratensis* | 4 | R |
| *Luzula campestris* | 2 | R |
| *Anthoxanthum odoratum* | 3 | R |
| *Vicia hirsuta* | 3 | R |
| *Lotus corniculatus* | 5 | O |
| *Plantago lanceolata* | 3 | R | NVC Comm: SD8b *Festuca rubra-Galium verum* fixed dune, *Luzula campestris* sub-comm | | | |
| *Ononis repens* | 3 | R |
| *Ranunculus acris* | 3 | R |
| *Gallium verum* | 1 | R | |  |  |  | | --- | --- | --- | | 20 | 20 | 25 | | 10 | 15 | 30 | | 5 | <5 | 30 |   N  S | | | |
| *Senecio jacobea* | 1 | R |
| *Hypnum lacunosum var lacunosum* | 4 | O |
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| NVC Record Sheet | | | | | | |
| Location: Trans 9, quadrat 12 | Grid reference: NY 08293 47295 | | | Region | | Author MD |
| Site and vegetation description  North facing bank dom by Arrhenatherum and Holcus with Polypodium and Senecio jacobea | | | | Date  30/06/21 | Sample no.  12 | |
| Altitude | Slope  5-10° | |
| Aspect  NE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  60cm 30cm | | |
| Layers cover  60% 40% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Holcus lanatus* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Recent cattle grazing concentrating on Arrhenatherum (only 40% of quad grazed)  N  S | | | |
| *Ammophila arenaria* | 4 | R |
| *Arrhenatherum elatius* | 6 | F |
| *Carex arenaria* | 5 | O |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 3 | R |
| *Festuca spp* | 5 | O |
| *Veronica chamaedrys* | 4 | O |
| *Senecio jacobea* | 2 | R |
| *Plantago laceolata* | 3 | R | NVC Comm: SD9a Ammophila arenaria-Arrhenatherum elatius dune grassland, typ sub-comm | | | |
| *Dactylis glomerata* | 3 | R |
| *Hypnum cuppressiforme* | 2 | R |
| *Kindbergia praelonga* | 2 | R | |  |  |  | | --- | --- | --- | | 35 | 30 | 35 | | 30 | 50 | 20 | | 30 | 60 | 50 |   N  S | | | |
| *Pseudoscleropodium purum* | 3 | R |
| *Rhytidiadelphus squarrosus* | 3 | R |
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| NVC Record Sheet | | | | | | |
| Location: Transect 9, quadrat 13 | Grid reference: NY 08312 47295 | | | Region | | Author MD |
| Site and vegetation description  Recently scraped rectangular area 5m x 15m | | | | Date  30/06/21 | Sample no.  13 | |
| Altitude | Slope  10° | |
| Aspect  SW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  30cm <5cm zero | | |
| Layers cover  <5% <5% 95% | | |
| Samples taken? | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 3 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Recently scraped with few colonisers to date  N  S | | | |
| *Viola spp* | 3 | R |
| *Viola tricolor* | 3 | R |
| *Vicia hirsuta* | 1 | R |
| *Agrostis capillaris* | 3 | R |
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|  |  |  | NVC Comm: None | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 9, quadrat 14 | Grid reference: NY 08326 47295 | | | Region | | Author MD |
| Site and vegetation description  Grass dom but lacking tall dominant spp | | | | Date  30/06/21 | Sample no.  14 | |
| Altitude | Slope  <5° | |
| Aspect  NE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20cm 10cm | | |
| Layers cover  75% 25% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Holcus lanatus* | 3 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Arrhenatherum elatius* | 3 | R |
| *Festuca rubra* | 8 | A |
| *Festuca ovina* |
| *Anthoxanthum odoratum* | 2 | R |
| *Agrostis capillaris* | 4 | O |
| *Poa pratensis* | 3 | R |
| *Avenula pubescens* | 2 | R |
| *Luzula campestris* | 3 | R |
| *Hylocomium splendens* | 3 | R | NVC Comm: SD12b Carex arenaria – F. ovina – A. capillaris, Holcus lanatus sc | | | |
| *Pseudoscleropodium purum* | 3 | R |
| *Rhytidiadelphus squarrosus* | 2 | R |
| *Carex arenaria* | 5 | O | |  |  |  | | --- | --- | --- | | 20 | 25 | 20 | | 20 | 15 | 20 | | 20 | 15 | 25 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 9, quadrat 15 | Grid reference: NY 08353 47295 | | | Region | | Author MD |
| Site and vegetation description  Area of finer grasses with patches of more competitive spp inc Rubus fruticosus, Chamaenerion angustifolium and Senecio jacobea | | | | Date  30/06/21 | Sample no.  15 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 20cm 5-10cm | | |
| Layers cover  30% 55% 15% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Resembles fixed dune grassland in transition towards H11 coastal heath  N  S | | | |
| *Holcus lanatus* | 4 | R |
| *Arrhenatherum elatius* | 4 | R |
| *Agrostis capillaris* | 4 | R |
| *Poa pratensis* | 3 | R |
| *Festuca rubra* | 6 | F |
| *Festuca ovina* |
| *Anthoxanthum odoratum* | 4 | R |
| *Luzula campestris* | 3 | R |
| *Carex arenaria* | 3 | R | NVC Comm: SD8a Festuca rubra-Galium verum, typ sub-comm | | | |
| *Gallium saxatile* | 4 | R |
| *Veronica chamaedrys* | 3 | R |
| *Rubus fruticosus agg* | 5 | O | |  |  |  | | --- | --- | --- | | 10 | 15 | 25 | | 30 | 20 | 20 | | 10 | 35 | 25 |   N  S | | | |
| *Senecio jacobea* | 1 | R |
| *Pseudoscleropodium purum* | 3 | R |
| *Hylocomium splendens* | 3 | R |
| *Rhytidiadelphus squarrosus* | 3 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 9, quadrat 16 | Grid reference: NY 08374 47295 | | | Region | | Author MD |
| Site and vegetation description  Immediately to east of small *Crataegus monogyna* and 4m north of grazing infrastructure which is used as a rubbing post | | | | Date  30/06/21 | Sample no.  16 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  60cm 30cm 15cm zero | | |
| Layers cover  15% 15% 45% 25% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Cattle in this area throughout the morning  N  S | | | |
| *Holcus lanatus* | 5 | O |
| *Agrostis capillaris* | 4 | R |
| *Festuca spp* | 3 | R |
| *Dactylis glomerata* | 3 | R |
| *Carex arenaria* | 5 | O |
| *Gallium verum* | 2 | R |
| *Hypochoeris radicata* | 2 | R |
| *Senecio jacobea* | 1 | R |
| *Rubus fruticosus* | 4 | R | NVC Comm: Trans SD12 to SD9? | | | |
| *Veronica chamaedrys* | 2 | R |
| *Cerastium fontanum* | 1 | R |
| *Rhytidiadelphus squarrosus* | 3 | R | |  |  |  | | --- | --- | --- | | 20 | 20 | 15 | | 35 | 60 | 15 | | 20 | 25 | 15 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Transect 9, quadrat 17 | Grid reference: NY 08394 47295 | | | Region | | Author MD |
| Site and vegetation description  Just south of pipeline to water trough | | | | Date  30/06/21 | Sample no.  17 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20cm 5-10cm zero | | |
| Layers cover  25% 70% 5% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Holcus lanatus* | 3 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Signs of recent grazing throughout quadrat  N  S | | | |
| *Anthoxanthum odoratum* | 4 | R |
| *Festuca spp* | 5 | O |
| *Agrostis capillaris* | 3 | R |
| *Poa pratensis* | 3 | R |
| *Luzula campestris* | 3 | R |
| *Trifolium repens* | 3 | R |
| *Veronica chamaedrys* | 5 | O |
| *Ranunculus acris* | 3 | R |
| *Achillea millefolium* | 2 | R | NVC Comm: SD8b, *Festuca rubra-Galium verum* fixed dune, *Luzula campestris* sub-comm | | | |
| *Crepis spp* | 1 | R |
| *Plantago lanceolata* | 3 | R |
| *Campanula rotundifolia* | 1 | R | |  |  |  | | --- | --- | --- | | 5 | 5 | 5 | | 10 | 5 | 15 | | 5 | 5 | 10 |   N  S | | | |
| *Carex arenaria* | 4 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 9, quadrat 18 | Grid reference: NY 08415 47295 | | | Region | | Author MD |
| Site and vegetation description  Edge of heather clump approx. 6m diameter | | | | Date  30/06/21 | Sample no.  18 | |
| Altitude | Slope  5° | |
| Aspect  SW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 30cm | | |
| Layers cover  85% 15% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Calluna vulgaris* | 9 | D | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Polypodium vulgare* | 2 | R |
| *Senecio jacobea* | 2 | R |
| *Chamaenerion angustifolium* | 3 | R |
| *Veronica chamaedrys* | 3 | R |
| *Rumex crispus* | 1 | R |
| *Arrhenatherum elatius* | 3 | R |
| *Carex arenaria* | 4 | R |
| *Festuca spp* | 3 | R |
| *Holcus lanatus* | 2 | R | NVC Comm: H11c Calluna vulgaris-Carex arenaria heath | | | |
| *Hypnum cuppressiforme* | 2 | R |
| *Lophocolea bidentata* | 2 | R |
| *Kindbergia praelonga* | 1 | R | |  |  |  | | --- | --- | --- | | 40 | 40 | 50 | | 30 | 50 | 50 | | 40 | 40 | 50 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 8, quadrat 19 | Grid reference: NY08269 47413 | | | Region | | Author MD |
| Site and vegetation description  Adjacent to start of transect and stock fence | | | | Date  30/06/21 | Sample no.  19 | |
| Altitude | Slope  <5° | |
| Aspect  SE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 20cm 5-10cm zero | | |
| Layers cover  15% 30% 35% 20% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   10’s of bumble bees (red tail and white tail type) feeding on *Ononis repens.*  N  S | | | |
| *Festuca rubra* | 6 | F |
| *Elymus pycnanthus* | 3 | R |
| *Poa pratensis* | 3 | R |
| *Ononis repens* | 6 | F |
| *Senecio jacobea* | 1 | R |
| *Vicia hirsuta* | 3 | R |
| *Plantago lanceolata* | 3 | R |
| *Taraxacum officianale* | 2 | R |
| *Carex arenaria* | 2 | R | NVC Comm: SD7c, *Ammophila arenaria-Festuca rubra* semi-fixed dune, *Ononis repens* sub-comm | | | |
| *Bare ground* | 5 |  |
|  |  |  |
|  |  |  | |  |  |  | | --- | --- | --- | | 20 | 15 | 10 | | 60 | 15 | 5 | | 15 | 15 | <5 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 8, quadrat 20 | Grid reference: NY08281 47413 | | | Region | | Author MD |
| Site and vegetation description  First dune ridge dominated by tall grasses including Arrhenatherum in this area. | | | | Date  30/06/21 | Sample no.  20 | |
| Altitude | Slope  25° | |
| Aspect  WNW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  60cm 25cm | | |
| Layers cover  75% 25% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Heavily dominated by *Ammophila* and *Arrhenatherum.* Much of the hogweed in the surrounding area cattle grazed.  N  S | | | |
| *Festuca spp* | 5 | O |
| *Poa pratensis* | 3 | R |
| *Arrhenatherum elatius* | 5 | O |
| *Heracleum sphondylium* | 3 | R |
| *Valeriana officianalis* | 3 | R |
| *Vicia hirsuta* | 3 | R |
| *Senecio jacobea* | 1 | R |
| *Achillea millefolium* | 3 | R |
| *Veronica chamaedrys* | 1 | R | NVC Comm: SD9a *Ammophila arenaria-Arrhenatherum elatius* dune grassland, typ sub-comm | | | |
| *Hypnum cupressiforme* | 3 | R |
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|  |  |  | |  |  |  | | --- | --- | --- | | 50 | 50 | 20 | | 60 | 60 | 60 | | 60 | 40 | 20 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Transect 8, quadrat 21 | Grid reference: NY 08302 47412 | | | Region | | Author MD |
| Site and vegetation description  Ridge top dominated by Ammophila and Arrhenatherum. | | | | Date  30/06/21 | Sample no.  21 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  60cm 20cm 5cm | | |
| Layers cover  85% 10% 5% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Heracleum grazed hard by cattle. Immediate surroundings with Campanula rotundifolia and Tragopogon pratensis.  N  S | | | |
| *Arrhenatherum elatius* | 6 | F |
| *Agrostis cappilaris* | 3 | R |
| *Festuca spp* | 4 | R |
| *Poa pratensis* | 3 | R |
| *Avenula pubescens* | 3 | R |
| *Plantago lanceolata* | 3 | R |
| *Heracleum sphondylium* | 2 | R |
| *Veronica chamaedrys* | 1 | R |
| *Senecio jacobea* | 1 | R | NVC Comm: SD9a Ammophila arenaria-Arrhenatherum elatius dune grassland typ sub-comm | | | |
| *Pseudoscleropodium purum* | 3 | R |
| *Rhytidiadelphus squarrosus* | 4 | R |
|  |  |  | |  |  |  | | --- | --- | --- | | 50 | 20 | 20 | | 40 | 50 | 30 | | 60 | 60 | 60 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 8, quadrat 22 | Grid reference: NY08329 47413 | | | Region | | Author MD |
| Site and vegetation description  Within 3m of main path in swathe of shrter, more diverse veg running alongside path. New scrapes, ponds and water trough nearby. | | | | Date  30/06/21 | Sample no.  22 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  35cm 5-10cm | | |
| Layers cover  30% 70% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Immediately outside quadrat greater cover of *Galium verum* and some *Lotus corniculatus*  N  S | | | |
| *Arrhenatherum elatius* | 4 | R |
| *Festuca rubra* | 7 | F |
| *Festuca ovina* |
| *Avenula pubescens* | 3 | R |
| *Agrostis capillaris* | 4 | R |
| *Carex arenaria* | 3 | R |
| *Luzula campestris* | 3 | R |
| *Viola spp* | 4 | R |
| *Veronica chamaedrys* | 3 | R | NVC Comm: SD8a *Festuca rubra-Galium verum* fixed dune, typ sub-comm | | | |
| *Gallium verum* | 2 | R |
| *Cirsium vulgare* | 1 | R |
| *Pseudoscleropodium purum* | 3 | R | |  |  |  | | --- | --- | --- | | 10 | 10 | <5 | | 20 | 15 | 5 | | 15 | <5 | 10 |   N  S | | | |
| *Rhytidiadelphus squarrosus* | 2 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 8, quadrat 23 | Grid reference: NY08367 47413 | | | Region | | Author MD |
| Site and vegetation description  Recent scrape 10m east of water trough. | | | | Date  30/06/21 | Sample no.  23 | |
| Altitude | Slope  5° | |
| Aspect  SW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15cm 5cm zero | | |
| Layers cover  <1% <1% 100% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 1 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Only light surface disturbance from cattle. Bank immediately above with *Calluna, Chamaenerion angustifolium, Arrhenatherum, Thymus praecox, Polypodium vulgare, Jasione montana.*  N  S | | | |
| *Agrostis capillaris* | 3 | R |
| *Thymus praecox* | 1 | R |
| *Campanula rotundifolia* | 2 | R |
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|  |  |  | NVC Comm: None | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 8, quadrat 24 | Grid reference: NY 08400 47413 | | | Region | | Author MD |
| Site and vegetation description  2m west of main path on edge of small area of heath (25m x 10m) | | | | Date  30/06/21 | Sample no.  24 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20-25cm 10cm 0-5cm | | |
| Layers cover  20% 50% 30% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Outside quadrat much the same with more Calluna and some Polypodium vulgare to the west.  N  S | | | |
| *Agrostis capillaris* | 4 | R |
| *Ammophila arenaria* | 1 | R |
| *Festuca ovina* | 8 | A |
| *Festuca rubra* |  |  |
| *Poa pratensis* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Calluna vulgaris* | 5 | O |
| *Lotus corniculatus* | 3 | R |
| *Viola spp* | 3 | R | NVC Comm: H11c Calluna vulgaris-Carex arenaria heath, spp poor sub-comm | | | |
| *Vicia lathyroides* | 1 | R |
| *Hylocomium splendens* | 4 | R |
| *Rhytidiadelphus squarrosus* | 3 | R | |  |  |  | | --- | --- | --- | | 15 | 15 | 25 | | 15 | <5 | 0 | | 15 | 10 | 5 |   N  S | | | |
| *Hypnum cupressiforme* | 2 | R |
| *Pseudoscleropodium purum* | 3 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 8, quadrat 25 | Grid reference: NY 08421 47413 | | | Region | | Author MD |
| Site and vegetation description  South end of grass dominated ridge between paths | | | | Date  30/06/21 | Sample no.  25 | |
| Altitude | Slope  5° | |
| Aspect  SE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  60cm 25cm | | |
| Layers cover  35% 65% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Recent light grazing  N  S | | | |
| *Arrhenatherum elatius* | 5 | O |
| *Carex arenaria* | 3 | R |
| *Agrostis capillaris* | 5 | O |
| *Poa pratensis* | 3 | R |
| *Festuca spp* | 4 | R |
| *Luzula campestris* | 2 | R |
| *Gallium saxatile* | 3 | R |
| *Hylocomium splendens* | 3 | R |
| *Pseudoscleropodium purum* | 3 | R | NVC Comm: SD9a *Ammophila arenaria-Arrhenatherum elatius* dune grassland, typ sub-comm | | | |
| *Holcus lanatus* | 3 | R |
| *Avenula pubescens* | 1 | R |
|  |  |  | |  |  |  | | --- | --- | --- | | 45 | 30 | 25 | | 15 | 35 | 20 | | 35 | 30 | 50 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 8, quadrat 26 | Grid reference: NY 08448 47413 | | | Region | | Author MD |
| Site and vegetation description  Broad swathe of grass dominated ground with frequent Arrhenatherum | | | | Date  30/06/21 | Sample no.  26 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 20cm | | |
| Layers cover  20% 80% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 3 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Arrhenatherum elatius* | 4 | R |
| *Holcus lanatus* | 3 | R |
| *Agrostis capillaris* | 6 | F |
| *Poa pratensis* | 4 | R |
| *Festuca spp* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Carex caryophyllae* | 3 | R |
| *Gallium saxatile* | 5 | O |
| *Calluna vulgaris* | 4 | R | NVC Comm: SD9a Ammophila arenaria-Arrhenatherum elatius dune grassland, typ sub-comm | | | |
| *Hypnum cuppressiforme* | 3 | R |
| *Pseudoscleropodium purum* | 3 | R |
|  |  |  | |  |  |  | | --- | --- | --- | | 30 | 20 | 20 | | 20 | 30 | 15 | | 10 | 15 | 15 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 8, quadrat 27 | Grid reference: NY 08487 47413 | | | Region | | Author MD |
| Site and vegetation description  Small patch of Calluna seems to be in the process of being out-competed by Arrhenatherum, Chamaenerion angustifolium and Rubus fruticosus. Within 5m of gorse stand to east. | | | | Date  01/07/21 | Sample no.  27 | |
| Altitude | Slope  <5° | |
| Aspect  SW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  60cm 40cm | | |
| Layers cover  75% 25% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 8 | A | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Holcus lanatus* | 3 | R |
| *Chamaenerion angustifolium* | 3 | A |
| *Rubus fruticosus* | 4 | R |
| *Calluna vulgaris* | 5 | O |
| *Ammophila arenaria* | 3 | R |
| *Gallium saxatile* | 2 | R |
| *Agrostis capillaris* | 2 | R |
| *Polypodium vulgare* | 3 | R |
| *Dryopteris dilatata* | 1 | R | NVC Comm: Transition between H11 Calluna-Carex arenaria heath and SD9 Ammophila-Arrhenatherum dune grassland. | | | |
| *Hypnum cuppressiforme* | 2 | R |
|  |  |  |
|  |  |  | |  |  |  | | --- | --- | --- | | 60 | 50 | 35 | | 60 | 40 | 40 | | 60 | 60 | 35 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 7, quadrat 28 | Grid reference: NY 08311 47521 | | | Region | | Author MD |
| Site and vegetation description  Rosa rugosa scrape to the east of the fence-side path. | | | | Date  01/07/21 | Sample no.  28 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 5-10cm zero | | |
| Layers cover  30% 15% 55% | | |
| Samples taken? | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Rosa rugosa* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Ammophila arenaria* | 5 | O |
| *Cirsium arvense* | 3 | R |
| *Coincya monensis ssp monensis* | 3 | R |
| *Centaurea nigra* | 1 | R |
| *Arrhenatherum elatius* | 2 | R |
| *Carex arenaria* | 3 | R |
| *Ononis repens* | 1 | R |
| *Festuca spp* | 1 | R |
| *Vicia hirsuta* | 1 | R | NVC Comm:None | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 40 | 40 | 0 | | 0 | 0 | 0 | | 35 | 0 | 50 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 7, quadrat 29 | Grid reference: NY 08318 47521 | | | Region | | Author MD |
| Site and vegetation description  Ridge-top, immediately west of path | | | | Date  01/07/21 | Sample no.  29 | |
| Altitude | Slope  5 – 10° | |
| Aspect  W | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 25cm | | |
| Layers cover  70% 30% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Immediately outside quadrat – *Cirsium arvense, Torilis japonica, Centaurea nigra*  N  S | | | |
| *Arrhenatherum elatius* | 5 | O |
| *Festuca rubra* | 6 | F |
| *Festuca ovina* |
| *Poa pratensis* | 4 | R |
| *Agrostis capillaris* | 3 | R |
| *Trisetum flavescens* | 1 | R |
| *Avenula pubescens* | 3 | R |
| *Holcus mollis* | 3 | R |
| *Luzula campestris* | 2 | R | NVC Comm: SD9a *Ammophila arenaria-Arrhenatherum elatius* dune grassland, typ sub-comm | | | |
| *Senecio jacobea* | 1 | R |
| *Plantago lanceolata* | 1 | R |
| *Alium scorodoprasum* | 2 | R | |  |  |  | | --- | --- | --- | | 60 | 35 | 50 | | 40 | 20 | 35 | | 60 | 40 | 30 |   N  S | | | |
| *Gallium verum* | 2 | R |
| *Campanula rotundifolia* | 1 | R |
| *Vicia lathyroides* | 1 | R |
| *Ononis repens* | 3 | R |
| *Taraxacum officianale* | 2 | R |
| *Kindbergia praelonga* | 1 | R |
| *Brachythecium rutabulum* | 1 | R |

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| NVC Record Sheet | | | | | | |
| Location: Trans 7, quadrat 30 | Grid reference: NY 08350 47521 | | | Region | | Author MD |
| Site and vegetation description  Very grass dominated area on east side of first ridge. Little floral or structural diversity | | | | Date  01/07/21 | Sample no.  30 | |
| Altitude | Slope  5° | |
| Aspect  NE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 15cm | | |
| Layers cover  85% 15% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 9 | D | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Immediately outside quadrat *Cirsium vulgare, Dryopteris* fern  N  S | | | |
| *Ammophila arenaria* | 2 | R |
| *Holcus lanatus* | 4 | R |
| *Agrostis capillaris* | 3 | R |
| *Festuca spp* | 3 | R |
| *Senecio jacobea* | 1 | R |
| *Rhytidiadelphus squarrosus* | 4 | R |
| *Pseudoscleropodium purum* | 2 | R |
| *Hypnum cuppressiforme* | 2 | R |
|  |  |  | NVC Comm: SD9a Ammophila arenaria-Arrhenatherum elatius dune grassland, typ sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 45 | 40 | 25 | | 20 | 20 | 40 | | 50 | 50 | 50 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Tran 7, quadrat 31 | Grid reference: NY 08368 47520 | | | Region | | Author MD |
| Site and vegetation description  In swathe of finer grasses west of path | | | | Date  01/07/21 | Sample no.  31 | |
| Altitude | Slope  5° | |
| Aspect  E | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height | | |
| Layers cover | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Imm outside quadrat more Thymus, + some *Hypochaeris radicata, Anthoxanthum odoratum* and bare sand  N  S | | | |
| *Carex arenaria* | 3 | R |
| *Festuca rubra* | 6 | F |
| *Festuca ovina* |
| *Agrostis capillaris* | 4 | R |
| *Poa pratensis* | 3 | R |
| *Holcus lanatus* | 3 | R |
| *Avenula pubescens* | 2 | R |
| *Arrhenatherum elatius* | 1 | R |
| *Ononis repens* | 2 | R | NVC Comm: SD8a Festuca rubra-Galium verum fixed dune, typ sub-comm | | | |
| *Plantago lanceolata* | 2 | R |
| *Veronica chamaedrys* | 3 | R |
| *Trifolium repens* | 1 | R | |  |  |  | | --- | --- | --- | | 30 | 25 | 10 | | 20 | 15 | 20 | | 20 | 20 | 15 |   N  S | | | |
| *Thymus praecox* | 1 | R |
| *Pseudoscleropodium purum* | 2 | R |
| *Rhytidiadelphus squarrosus* | 2 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 7, quadrat 32 | Grid reference: NY 08396 47521 | | | Region | | Author MD |
| Site and vegetation description  2nd ridge-top – grassy section between Calluna patches | | | | Date  01/07/21 | Sample no.  32 | |
| Altitude | Slope  <5° | |
| Aspect  S | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20cm <5cm | | |
| Layers cover  45% 55% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 7 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Immediately outside quadrat- Calluna, Chamaenerion angustifoium, Jasione montana and Polypodium vulgare  N  S | | | |
| *Ammophila arenaria* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Agrostis capillaris* | 4 | R |
| *Luzula campestris* | 2 | R |
| *Holcus lanatus* | 3 | R |
| *Rumex acetosella* | 3 | R |
| *Galium saxatile* | 2 | R |
| *Anthoxanthum odoratum* | 1 | R |
| *Pseudoscleropodium purum* | 2 | R | NVC Comm: SD12a Carex arenaria- Festuca ovina-Agrostis capillaris dune grassland, Anthoxanthum sub-comm | | | |
| *Dicranum scoparium* | 4 | R |
| *Pleurozium schreberi* | 4 | R |
| *Hylocomium splendens* | 3 | R | |  |  |  | | --- | --- | --- | | 15 | 15 | 10 | | 20 | 20 | 20 | | 25 | <5 | 10 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 7, quadrat 33 | Grid reference: NY 08437 47521 | | | Region | | Author MD |
| Site and vegetation description  Eastern edge of coastal heath, surrounded to east and south by Arrhenatherum / Holcus lanatus sward | | | | Date  01/07/21 | Sample no.  33 | |
| Altitude | Slope | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 20cm <5cm | | |
| Layers cover  30% 30% 40% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surrounding area with Digitalis purpurea, Chamaenerion angustifolium  N  S | | | |
| *Arrhenatherum elatius* | 4 | R |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 4 | R |
| *Festuca spp* | 3 | R |
| *Carex arenaria* | 4 | R |
| *Calluna vulgaris* | 5 | O |
| *Galium saxatile* | 4 | R |
| *Holcus lanatus* | 3 | R |
| *Pluerozium schreberi* | 5 | O | NVC Comm: H11c Calluna vulgaris-Carex arenaria heath, spp poor sub-comm | | | |
| *Hylocomnium splendens* | 4 | R |
| *Hypnum jutlandicum* | 3 | R |
|  |  |  | |  |  |  | | --- | --- | --- | | 25 | 15 | 5 | | 10 | 40 | 20 | | 5 | 10 | 5 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 7, quadrat 34 | Grid reference: NY 08497 47521 | | | Region | | Author MD |
| Site and vegetation description  Large area of grass domination with small clumps Calluna to the south | | | | Date  01/07/21 | Sample no.  34 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  35cm 20cm 10cm | | |
| Layers cover  40% 30% 30% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   *Calluna* to the south with *Digitalis* and *Chamaenerion angustifoium*  N  S | | | |
| *Arrhenatherum elatius* | 1 | R |
| *Holcus lanatus* | 6 | F |
| *Carex arenaria* | 4 | R |
| *Festuca spp* | 3 | R |
| *Poa pratensis* | 2 | R |
| *Galium saxatile* | 4 | R |
| *Pleurozium schreberi* | 5 | O |
| *Hylocomnium splendens* | 3 | R |
| *Agrostis capillaris* | 5 | O | NVC Comm: SD12b *Carex arenaria – Festuca ovina – Agrostis capillaris* dune grassland, *Holcus lanatus* sub comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 10 | 15 | 35 | | 30 | 25 | 35 | | 10 | 30 | 15 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 7, Quadrat 35 | Grid reference: NY 08521 47521 | | | Region | | Author MD |
| Site and vegetation description  10m west of boundary fence and road. Large area of grass dominated sward with abundant Holcus lanatus and Arrhenatherum elatius | | | | Date  01/07/21 | Sample no.  35 | |
| Altitude | Slope  5° | |
| Aspect  W | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 30cm 5 – 10cm | | |
| Layers cover  50% 40% 10% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surrounding area much the same with some Digitalis purpurea  N  S | | | |
| *Ammophila arenaria* | 6 | F |
| *Holcus lanatus* | 6 | F |
| *Poa pratensis* | 2 | R |
| *Agrostis capillaris* | 3 | R |
| *Pseudoscleropodium purum* | 3 | R |
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|  |  |  | NVC Comm: SD9a Ammophila arenaria – Arrhenatherum elatius dune grassland, typ sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 50 | 40 | 30 | | 30 | 50 | 30 | | 50 | 15 | 60 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 6, quadrat 36 | Grid reference: NY 08341 47633 | | | Region | | Author MD |
| Site and vegetation description  2m east of boundary path at base of ridge | | | | Date  01/07/21 | Sample no.  36 | |
| Altitude | Slope  5° | |
| Aspect  W | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 20cm | | |
| Layers cover  60% 40% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Immediate surroundings with frequent *Hypochoeris radicata* alongside path. *Crataegus monogyna* and *Sambucus nigra* nearby.  N  S | | | |
| *Arrhenatherum elatius* | 5 | O |
| *Festuca rubra* | 7 | F |
| *Poa pratensis* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Valeriana officinalis* | 4 | R |
| *Ononis repens* | 3 | R |
| *Senecio jacobea* | 1 | R |
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|  |  |  | NVC Comm: SD7c *Ammophila arenaria – Festuca rubra, Ononis repens* sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 20 | 30 | 40 | | 35 | 15 | 35 | | 40 | 50 | 35 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 6, quadrat 37 | Grid reference: NY08381 47633 | | | Region | | Author MD |
| Site and vegetation description  Low lying, flat area of 1st dune ridge, with more finer grasses inc Anthoxanthum odoratum | | | | Date  01/07/21 | Sample no.  37 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  35cm 15 – 20cm <5cm | | |
| Layers cover  20% 65% 15% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Anthoxanthum odoratum* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings with *Cirsium vulgare, Ononis repens, Hypochoeris radicata*  N  S | | | |
| *Ammophila arenaria* | 4 | R |
| *Avenula pubescens* | 5 | O |
| *Arrhenatherum elatius* | 2 | R |
| *Festuca ovina* | 7 | F |
| *Festuca rubra* |  |  |
| *Agrostis capillaris* | 3 | R |
| *Holcus lanatus* | 3 | R |
| *Galium verum* | 2 | R |
| *Plantago lanceolata* | 3 | R | NVC Comm: SD8a *Festuca rubra – Galium verum* fixed dune, typ sub-comm | | | |
| *Sonchus arvensis* | 3 | R |
| *Coincya monensis* | 1 | R |
|  |  |  | |  |  |  | | --- | --- | --- | | 10 | 20 | 20 | | <5 | 15 | 15 | | 20 | 10 | 10 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 6, quadrat 38 | Grid reference: NY 08404 47633 | | | Region | | Author MD |
| Site and vegetation description  Flat area with finer grasses, mosses and abundant Chamaenerion angustifolium to the north | | | | Date  01/07/21 | Sample no.  38 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15-20cm 5cm | | |
| Layers cover  80% 20% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Anthoxanthum odoratum* | 3 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings v. similar  N  S | | | |
| *Holcus lanatus* | 3 | R |
| *Carex arenaria* | 2 | R |
| *Festuca ovina* | 8 | A |
| *Festuca rubra* |
| *Agrostis capillaris* | 5 | O |
| *Poa pratensis* | 3 | R |
| *Ononis repens* | 2 | R |
| *Chamaenerion angustifolium* | 3 | R |
| *Senecio jacobea* | 1 | R | NVC Comm: SD12a Carex arenaria-Festuca ovina-Agrostis capillaris, Anthoxanthum sub-comm | | | |
| *Viola spp* | 1 | R |
| *Arrhenatherum elatius* | 2 | R |
| *Pleurozium schreberi* | 6 | F | |  |  |  | | --- | --- | --- | | 20 | 5 | 15 | | 10 | 15 | 20 | | 15 | 10 | 15 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 6, quadrat 39 | Grid reference: NY 08416 47633 | | | Region | | Author MD |
| Site and vegetation description  Area of v. short turf between and around paths | | | | Date  01/07/21 | Sample no.  39 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  5-10cm <5cm | | |
| Layers cover  80% 20% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca spp* | 9 | D | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings very similar but with more *Thymus* and some *Conopodium majus*.  N  S | | | |
| *Anthoxanthum odoratum* | 4 | R |
| *Agrostis capillaris* | 4 | R |
| *Luzula campestris* | 2 | R |
| *Carex arenaria* | 3 | R |
| *Lotus corniculatus* | 4 | R |
| *Hieracium pilosella* | 3 | R |
| *Gallium verum* | 3 | R |
| *Thymus praecox* | 1 | R |
| *Rumex acetosella* | 1 | R | NVC Comm: SD8b *Festuca rubra-Galium verum* fixed dune, *Luzula sub-comm* | | | |
| *Plantago lanceolata* | 3 | R |
| *Hypochoeris radicata* | 1 | R |
| *Ranunculus acris* | 2 | R | |  |  |  | | --- | --- | --- | | 5 | 5 | 5 | | 5 | 10 | 5 | | 5 | 10 | 5 |   N  S | | | |
| *Vicia lathyroides* | 2 | R |
| *Rhytidiadelphus squarrosus* | 5 | O |
| *Pseudoscleropodium purum* | 3 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 6, quadrat 40 | Grid reference: NY 08445 47633 | | | Region | | Author MD |
| Site and vegetation description  Margin of finer grass sward. More Ammophila and Arrhenatherum to the east | | | | Date  01/07/21 | Sample no.  40 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 20cm <5cm | | |
| Layers cover  20% 45% 35% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings v similar  N  S | | | |
| *Ammophila arenaria* | 4 | R |
| *Poa pratensis* | 4 | R |
| *Agrostis capillaris* | 5 | O |
| *Carex arenaria* | 3 | R |
| *Festuca spp* | 3 | R |
| *Galium saxatile* | 3 | R |
| *Conopodium majus* | 1 | R |
| *Pleurozium schreberi* | 6 | F |
| *Hylocomnium* | NVC Comm: SD12a Carex arenaria – Festuca ovina – Agrostis capillaris dune grassland, Anthoxanthum sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 20 | 10 | 5 | | 15 | 30 | 10 | | 15 | 5 | 10 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 6, quadrat 41 | Grid reference: NY 08487 47633 | | | Region | | Author MD |
| Site and vegetation description  Large grassy stand with abundant Arrhenatherum runs to eastern boundary | | | | Date  01/07/21 | Sample no.  41 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 25cm 5-10cm | | |
| Layers cover  25% 30% 45% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 3 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Ammophila arenaria* | 6 | F |
| *Holcus lanatus* | 6 | F |
| *Carex arenaria* | 3 | R |
| *Polypodium vulgare* | 3 | R |
| *Gallium saxatile* | 4 | R |
| *Pleurozium schreberi* | 6 | F |
| *Rhytidiadelphus squarrosus* | 2 | R |
|  |  |  |
|  |  |  | NVC Comm: SD9a Ammophila arenaria – Arrhenatherum elatius dune grassland, typ sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 35 | 30 | 25 | | 40 | 30 | 10 | | 35 | 40 | 20 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 6, quadrat 42 | Grid reference: NY 08514 47633 | | | Region | | Author MD |
| Site and vegetation description  Sward heavily dominated by Arrhenatherum | | | | Date  01/07/21 | Sample no.  42 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  60cm 5-10cm | | |
| Layers cover  90% 10% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 9 | D | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings v similar with few Digitalis purpurea spikes  N  S | | | |
| *Ammophila arenaria* | 4 | R |
| *Agrostis capoillaris* | 3 | R |
| *Carex arenaria* | 2 | R |
| *Galium saxatile* | 3 | R |
| *Pleurozium schreberi* | 5 | O |
| *Pseudoscleropodium purum* | 4 | R |
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|  |  |  | NVC Comm: SD9a Ammophila arenaria – Arrhenatherum elatius dune grassland, typ sub-comm | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 50 | 20 | 20 | | 45 | 60 | 15 | | 10 | 15 | 50 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 6, quadrat 43 | Grid reference: NY 08536 47633 | | | Region | | Author MD |
| Site and vegetation description  Alongside small path within swathe of finer grasses | | | | Date  08/07/21 | Sample no.  43 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 20cm <5cm | | |
| Layers cover  20% 55% 25% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Arrhenatherum elatius* | 3 | R |
| *Holcus lanatus* | 4 | R |
| *Agrostis capillaris* | 6 | F |
| *Poa pratensis* | 4 | R |
| *Festuca spp* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Gallium saxatile* | 3 | R |
| *Pseudoscleropodium purum* | 4 | R |
| *Pleurozium schreberi* | 3 | R | NVC Comm: SD12b Carex arenaria – Festuca ovina – Agrostis capillaris dune grassland, Holcus lanatus sub-comm | | | |
| *Hylocomnium splendens* | 4 | R |
| *Rhytidiadelphus squarrosus* | 1 | R |
|  |  |  | |  |  |  | | --- | --- | --- | | 30 | 15 | 5 | | 20 | 35 | 10 | | 5 | 10 | 10 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 5, quadrat 44 | Grid reference: NY 08386 47789 | | | Region | | Author MD |
| Site and vegetation description  Immediately east of fence side path | | | | Date  08/07/21 | Sample no.  44 | |
| Altitude | Slope  5° | |
| Aspect  WSW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  55cm 20cm | | |
| Layers cover  30% 70% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Imm outside quadrat – *Rosa rugosa, Torilis japonica, Cirsium arvensis*  N  S | | | |
| *Arrhenatherum elatius* | 3 | R |
| *Festuca rubra* | 7 | F |
| *Poa pratensis* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Valeriana officianalis* | 5 | O |
| *Centaurea nigra* | 1 | R |
| *Vicia hirsuta* | 3 | R |
| *Ononis repens* | 3 | R |
| *Plantago lanceolata* | 1 | R | NVC Comm: SD7c *Ammophilla arenaria – Festuca rubra, Ononis repens* sub-comm | | | |
| *Kindbergia praelonga* | 1 | R |
| *Pseudoscleropodium purum* | 3 | R |
| *Brachythecium rutabulum* | 3 | R | |  |  |  | | --- | --- | --- | | 20 | 30 | 45 | | 20 | 35 | 45 | | 20 | 60 | 25 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 5, quadrat 45 | Grid reference: NY 08409 47789 | | | Region | | Author MD |
| Site and vegetation description  Within 2m of main path to the east, in swathe of finer grasses which extend 3-4m either side of path | | | | Date  08/07/21 | Sample no.  45 | |
| Altitude | Slope  5° | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  55cm 20cm 0-5cm | | |
| Layers cover  30% 60% 10% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Bare ground = predated ant-hills.  Outside quadrat – *Thymus praecox*, more *Galium verum* and *Tragopogon pratensis*  N  S | | | |
| *Arrhenatherum elatius* | 3 | R |
| *Festuca rubra* | 6 | F |
| *Festuca ovina* |
| *Holcus lanatus* | 4 | R |
| *Poa pratensis* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Anthoxanthum odoratum* | 3 | R |
| *Trisetum flavescens* | 3 | R |
| *Ranunculus acris* | 3 | R | NVC Comm: SD8b, *Festuca rubra- Galium verum* fixed dune, *Luzula campestris* sub-comm | | | |
| *Plantago lanceolata* | 3 | R |
| *Vicia lathyroides* | 3 | R |
| *Veronica chamaedrys* | 3 | R | |  |  |  | | --- | --- | --- | | 20 | 40 | 25 | | 55 | 20 | 25 | | 20 | 10 | 25 |   N  S | | | |
| *Senecio jacobea* | 1 | R |
| *Rosa pimpinelifolia* | 3 | R |
| *Ononis repens* | 3 | R |
| *Cerastium fontanum* | 2 | R |
| *Lathyrus pratensis* | 1 | R |
| *Galium verum* | 1 | R |
| *Pseudoscleropodium purum* | 3 | R |
| *Rhytidiadelphus squarrosus* | 2 | R |
| *Kindbergia praelonga* | 1 | R |
| *Bare ground* | 4 |  |

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| NVC Record Sheet | | | | | | |
| Location: Trans 5, quadrat 46 | Grid reference: NY 08431 47789 | | | Region | | Author MD |
| Site and vegetation description  Centre of low ridge of coarse grasses with lots Arrhenatherum | | | | Date  08/07/21 | Sample no.  46 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40-50cm 5-15cm | | |
| Layers cover  55% 45% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings v. similar  N  S | | | |
| *Arrhenatherum elatius* | 6 | F |
| *Holcus lanatus* | 4 | R |
| *Poa pratensis* | 4 | R |
| *Festuca rubra* | 5 | O |
| *Festuca ovina* |  |  |
| *Carex arenaria* | 3 | R |
| *Cirsium arvense* | 3 | R |
| *Senecio jacobea* | 1 | R |
| *Vicia hirsuta* | 1 | R | NVC Comm: SD9a Ammophila arenaria – Arrhenatherum elatius dune grassland, typ sub-comm | | | |
| *Vicia lathyroides* | 1 | R |
| *Pseudoscleropodium purum* | 5 | O |
| *Rhytidiadelphus squarrosus* | 2 | R | |  |  |  | | --- | --- | --- | | 50 | 30 | 10 | | 35 | 35 | 45 | | 15 | 30 | 30 |   N  S | | | |
| *Hypnum cuppressiforme* | 2 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 5, quadrat 47 | Grid reference: NY 08451 47789 | | | Region | | Author MD |
| Site and vegetation description  Within central swathe of finer grasses, marked by low growth and abundant flowering heads of Anthoxanthum and few Calluna clumps | | | | Date  08/07/21 | Sample no.  47 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20-25cm 5-10cm | | |
| Layers cover  55% 45% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Anthoxanthum odoratum* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings v similar  N  S | | | |
| *Holcus lanatus* | 3 | R |
| *Arrhenatherum elatius* | 3 | R |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 3 | R |
| *Festuca spp* | 7 | F |
| *Ammophila arenaria* | 1 | R |
| *Luzula campestris* | 1 | R |
| *Viola spp* | 5 | O |
| *Hypochoeris radicata* | 1 | R | NVC Comm: SD8b, Festuca rubra-Galium verum fixed dune, Luzula campestris sub-comm | | | |
| *Plantago lanceolata* | 2 | R |
| *Thymus praecox* | 3 | R |
| *Lotus corniculatus* | 3 | R | |  |  |  | | --- | --- | --- | | 10 | 15 | 15 | | 20 | 5 | 10 | | 30 | 15 | 20 |   N  S | | | |
| *Pseudoscleropodium purum* | 4 | R |
| *Hylocomnium splendens* | 4 | R |
| *Pleurozium schreberi* | 1 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 5, quadrat 48 | Grid reference: NY 08470 47789 | | | Region | | Author MD |
| Site and vegetation description  Same stand of finer grasses as 47.In between 2 Calluna clumps (5m and 3m away) | | | | Date  08/07/21 | Sample no.  48 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20cm 5-10cm | | |
| Layers cover  65% 35% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Anthoxanthum odoratum* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings v similar  N  S | | | |
| *Festuca ovina* | 7 | F |
| *Agrostis capillaris* | 5 | O |
| *Carex arenaria* | 1 | R |
| *Luzula campestris* | 3 | R |
| *Thymus praecox* | 3 | R |
| *Campanula rotundifolia* | 3 | R |
| *Viola spp* | 3 | R |
| *Conopodium majus* | 3 | R |
| *Pseudoscleropodium purum* | 5 | O | NVC Comm: SD12a, Carex arenaria, F. ovina – A. capillaris, Anthoxanthum sc | | | |
| *Hypnum jutlandicum* | 2 | R |
| *Hylocomnium splendens* | 2 | R |
|  |  |  | |  |  |  | | --- | --- | --- | | 10 | 10 | 10 | | 10 | 5 | 10 | | 5 | 15 | 20 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 5, quadrat 49 | Grid reference: NY 08512 47789 | | | Region | | Author MD |
| Site and vegetation description  Eastern margin of now empty pond. Stand of vegetation around pond extends 12m x 7m, with rush clumps bordered by low growing grasses, rushes and sedges | | | | Date  08/07/21 | Sample no.  49 | |
| Altitude | Slope  10° | |
| Aspect  W | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  90cm 10-15cm zero | | |
| Layers cover  25% 55% 20% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Juncus effusus* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Nearby – *Rumex crispus, Rumex acetosa, Carex nigra* (lots round southern pond margin)  N  S | | | |
| *Juncus conglomeratus* | 4 | R |
| *Juncus articulatus* | 5 | O |
| *Agrostis canina* | 4 | R |
| *Deschampsia cespitosa* | 3 | R |
| *Carex disticha* | 2 | R |
| *Alopocuris geniculatus* | 1 | R |
| *Carex arenaria* | 1 | R |
| *Potentilla anserina* | 2 | R |
| *Hydrocotyle vulgaris* | 6 | F | NVC Comm: M23a *Juncus acutiflorus-Galium palustre rush pasture, J. acutiflorus sc* | | | |
| *Myosotis spp* | 3 | R |
| *Galium palustre* | 3 | R |
| *Ranunculus repens* | 1 | R | |  |  |  | | --- | --- | --- | | 10 | 15 | 30 | | 5 | 10 | 90 | | 10 | 90 | 10 |   N  S | | | |
| *Bare ground* | 5 |  |
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| NVC Record Sheet | | | | | | |
| Location: Trans 5, quadrat 50 | Grid reference: NY 08556 47789 | | | Region | | Author MD |
| Site and vegetation description  Grass dominated bank | | | | Date  08/07/21 | Sample no.  50 | |
| Altitude | Slope  10° | |
| Aspect  NW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40-50cm 10cm | | |
| Layers cover  85% 15% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Holcus lanatus* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings v similar, Digitalis imm outside  N  S | | | |
| *Ammophila arenaria* | 5 | O |
| *Arrhenatherum elatius* | 5 | O |
| *Carex arenaria* | 3 | R |
| *Festuca spp* | 4 | R |
| *Gallium saxatile* | 3 | R |
| *Hylocomnium splendens* | 4 | R |
| *Pseudoscleropodium purum* | 3 | R |
| *Pleurozium schreberi* | 2 | R |
|  |  |  | NVC Comm: Transition – SD12 to SD9 | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 50 | 25 | 35 | | 60 | 10 | 50 | | 60 | 35 | 30 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Transect 5, quadrat 51 | Grid reference: NY 08590 47789 | | | Region | | Author MD |
| Site and vegetation description | | | | Date  08/07/21 | Sample no.  51 | |
| Altitude | Slope  5° | |
| Aspect  SW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  25 – 30cm 0-5cm | | |
| Layers cover  80% 20% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Holcus lanatus* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Some patches of finer grasses within 10m radius of quad, with more *Agrostis capillaris* and *Conopodium majus*.  N  S | | | |
| *Arrhenatherum elatius* | 5 | O |
| *Carex arenaria* | 3 | R |
| *Luzula campestris* | 1 | R |
| *Festuca spp* | 3 | R |
| *Conopodium majus* | 1 | R |
| *Veronica chamaedrys* | 2 | R |
| *Gallium saxatile* | 3 | R |
| *Vicia lathyroides* | 2 | R |
| *Achillea millefollium* | 2 | R | NVC Comm: SD12b, *Carex arenaria-F. ovina-A. capillaris* dune grassland, *Holcus lanatus* sub-comm | | | |
| *Pleurozium schreberi* | 3 | R |
| *Rhytidiadelphus squarrosus* | 3 | R |
|  |  |  | |  |  |  | | --- | --- | --- | | 30 | 30 | 25 | | 20 | 20 | 20 | | 30 | 25 | 20 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 4, quadrat 52 | Grid reference: NY 08397 47829 | | | Region | | Author MD |
| Site and vegetation description  Rosa rugosa scrape, encompassing fence-side path | | | | Date  08/07/21 | Sample no.  52 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20-25cm zero | | |
| Layers cover  35% 65% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Rosa rugosa* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Ammophila arenaria* | 5 | O |
| *Taraxacum officinale* | 2 | R |
| *Potentilla reptans* | 2 | R |
| *Elymus pycnanthus* | 1 | R |
| *Carex arenaria* | 3 | R |
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|  |  |  | NVC Comm: None | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 4, quadrat 53 | Grid reference: NY 08417 47829 | | | Region | | Author MD |
| Site and vegetation description  4 m west of main path | | | | Date  08/07/21 | Sample no.  53 | |
| Altitude | Slope  <5° | |
| Aspect  SE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  45cm 20-25cm zero | | |
| Layers cover  60% 40% <5% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Arrhenatherum elatius* | 5 | O |
| *Festuc spp* | 6 | F |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 2 | R |
| *Holcus lanatus* | 3 | R |
| *Plantago lanceolata* | 3 | R |
| *Gallium verum* | 3 | R |
| *Ononis repens* | 4 | R |
| *Achille millefolium* | 2 | R | NVC Comm: SD8a Festuca rubra-Galium verum fixed dune, typ sub-comm | | | |
| *Thymus praecox* | 1 | R |
| *Ranunculus acris* | 1 | R |
| *Trifolium pratense* | 1 | R | |  |  |  | | --- | --- | --- | | 35 | 45 | 45 | | 40 | 45 | 20 | | 45 | 45 | 50 |   N  S | | | |
| *Cerastium fontanum* | 1 | R |
| *Pseudoscleropodium purum* | 3 | R |
| *Avenula pubescens* | 3 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 4, quadrat 54 | Grid reference: Ny 08434 47829 | | | Region | | Author MD |
| Site and vegetation description  7m east of main path in patch of finer grasses amongst wider stand of Ammophila / Arrhenatherum | | | | Date  09/07/21 | Sample no.  54 | |
| Altitude | Slope  5° | |
| Aspect  SW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 20-25cm <5cm | | |
| Layers cover  30% 55% 15% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings with more small patches resembling quadrat within wider coarser grasses.  N  S | | | |
| *Arrhenatherum elatius* | 4 | R |
| *Holcus lanatus* | 4 | R |
| *Festuca spp* | 7 | F |
| *Anthoxanthum odoratum* | 4 | R |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 1 | R |
| *Carex arenaria* | 3 | R |
| *Plantago lanceolata* | 4 | R |
| *Veronica chamaedrys* | 3 | R | NVC Comm: SD8a Festuca rubra-Galium verum fixed dune, typ sub-comm | | | |
| *Senecio jacobea* | 1 | R |
| *Galium verum* | 2 | R |
| *Cirsium arvense* | 1 | R | |  |  |  | | --- | --- | --- | | 30 | 20 | 25 | | 40 | 20 | 25 | | 30 | 15 | 25 |   N  S | | | |
| *Rhytidiadelphus squarrosus* | 4 | R |
| *Pseudoscleropodium purum* | 4 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 4, quadrat 55 | Grid reference: NY 08480 47829 | | | Region | | Author MD |
| Site and vegetation description  Imm south of minor path, area of finer grasses and abundant mosses with few small clumps of Calluna | | | | Date  09/07/21 | Sample no.  55 | |
| Altitude | Slope  <5° | |
| Aspect  N | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15-25cm 5cm | | |
| Layers cover  55% 45% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Holcus lanatus* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings v similar but with lots of Thymus praecox alongside path.  N  S | | | |
| *Festuca spp* | 4 | R |
| *Agrostis capillaris* | 6 | F |
| *Poa pratensis* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Vicia lathyroides* | 2 | R |
| *Gallium saxatile* | 3 | R |
| *Anthoxanthum odoratum* | 3 | R |
| *Hylocomnium splendens* | 6 | F |
| *Pleurozium schreberi* | 3 | R | NVC Comm: SD12b, Carex arenaria-Festuca ovina-Agrostis capillaris, Holcus lanatus sc | | | |
| *Pseudoscleropodium purum* | 2 | R |
|  |  |  |
|  |  |  | |  |  |  | | --- | --- | --- | | 25 | 25 | 25 | | 15 | 20 | 15 | | 15 | 15 | 25 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 4, quadrat 56 | Grid reference: NY 08496 47829 | | | Region | | Author MD |
| Site and vegetation description  Patch of *Festuca* domnated sward between paths | | | | Date  09/07/21 | Sample no.  56 | |
| Altitude | Slope  5° | |
| Aspect  SE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15-20cm 5cm zero | | |
| Layers cover  55% 25% 20% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 8 | A | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Sward homogenous on this small diamond (20m x 15m), *with F. ovina* very dominant.  N  S | | | |
| *Anthoxanthum odoratum* | 4 | R |
| *Holcus lanatus* | 1 | R |
| *Carex arenaria* | 2 | R |
| *Rumex acetosella* | 3 | R |
| *Hypchoeris radicata* | 2 | R |
| *Galium saxatile* | 3 | R |
| *Pleurozium schreberi* | 6 | F |
| *Pseudoscleropodium purum* | 2 | R |
|  |  |  | NVC Comm: SD12a *Carex arenaria – Festuca ovina – Agrostis capillaris, Anthoxanthum* sc | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 5 | 15 | 5 | | 15 | 15 | 10 | | 0 | 10 | 15 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 4, quadrat 57 | Grid reference: NY 08519 47829 | | | Region | | Author MD |
| Site and vegetation description  3m west of broad path in area (15m x 15m triangle) of fine Agrostis dom sward, with Calluna clump on N boundary | | | | Date  09/07/21 | Sample no.  57 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40-50cm 20-25cm 5cm | | |
| Layers cover  10% 80% 10% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Outside quadrat – more Campanula rotundifolia and Veronica chamaedrys  N  S | | | |
| *Agrostis capillaris* | 7 | F |
| *Festuca ovina* | 6 | F |
| *Poa pratensis* | 4 | R |
| *Carex arenaria* | 4 | R |
| *Galium saxatile* | 3 | R |
| *Hypochoeris radicata* | 4 | R |
| *Arrhenatherum elatius* | 3 | R |
| *Pleurozium schreberi* | 4 | R |
| *Hylocomnium splendens* | 4 | R | NVC Comm: SD12a | | | |
| *Pseudoscleropodium purum* | 2 | R |
| *Hypnum lacunosum var lac* | 1 | R |
| *Conopodium majus* | 1 | R | |  |  |  | | --- | --- | --- | | 20 | 10 | 15 | | 15 | 20 | 20 | | 15 | 25 | 20 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 4, quadrat 58 | Grid reference: NY 08572 47829 | | | Region | | Author MD |
| Site and vegetation description  Swathe of taller grasses along ridge-top | | | | Date  09/07/21 | Sample no.  58 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50-60cm 5cm | | |
| Layers cover  70% 30% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings similar  N  S | | | |
| *Arrhenatherum elatius* | 6 | F |
| *Agrostis stolonifera* | 3 | R |
| *Agrostis capillaris* | 1 | R |
| *Poa pratensis* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Gallium saxatile* | 4 | R |
| *Pleurozium schreberi* | 6 | F |
| *Pseudoscleropodium purum* | 2 | R |
|  |  |  | NVC Comm: SD9a Ammophila – Arrhenatherum dune grassland | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 45 | 45 | 45 | | 5 | 60 | 55 | | 55 | 5 | 50 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 4, quadrat 59 | Grid reference: NY 08616 47829 | | | Region | | Author MD |
| Site and vegetation description  Area dominated by coarse grasses with gorse patches north and south (10’s of metres away) | | | | Date  09/07/21 | Sample no.  59 | |
| Altitude | Slope  <5° | |
| Aspect  NW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  30-50cm 20cm | | |
| Layers cover  25% 75% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 1 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Recently cattle grazed (light), particularly the Arrhenatherum  N  S | | | |
| *Arrhenatherum elatius* | 6 | F |
| *Holcus lanatus* | 5 | O |
| *Festuca rubra* | 6 | F |
| *Festuca ovina* |  |  |
| *Agrostis capillaris* | 2 | R |
| *Poa pratensis* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Vicia lathyroides* | 3 | R |
| *Achillea millefolium* | 3 | R | NVC Comm: SD9a Ammophila arenaria – Arrhenatherum elatius dune grassland, typ sub-comm | | | |
| *Campanula rotundifolia* | 1 | R |
| *Veronica chamaedrys* | 1 | R |
| *Rhytidiadelphus squarrosus* | 2 | R | |  |  |  | | --- | --- | --- | | 35 | 35 | 30 | | 25 | 40 | 40 | | 30 | 50 | 10 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 4, quadrat 60 | Grid reference: NY 08636 47829 | | | Region | | Author MD |
| Site and vegetation description  Grass dominated area close to eastern boundary | | | | Date  09/07/21 | Sample no.  60 | |
| Altitude | Slope | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  55cm 25cm 5cm | | |
| Layers cover  45% 35% 20% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Homogenous area. Rosa canina bush 10m west.  N  S | | | |
| *Arrhenatherum elatius* | 5 | O |
| *Holcus lanatus* | 6 | F |
| *Festuca rubra* | 4 | R |
| *Avenula pubescens* | 1 | R |
| *Carex arenaria* | 4 | R |
| *Gallium saxatile* | 3 | R |
| *Pseudoscleropodium purum* | 4 | R |
| *Hylocomnium splendens* | 4 | R |
| *Pleurozium schreberi* | 3 | R | NVC Comm: SD9a Ammophila arenaria – Arrhenatherum elatius dune grassland, typ sub-comm | | | |
| *Rhytidiadelphus squarrosus* | 1 | R |
|  |  |  |
|  |  |  | |  |  |  | | --- | --- | --- | | 10 | 30 | 15 | | 35 | 45 | 20 | | 15 | 5 | 50 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 3, quadrat 61 | Grid reference: NY 08511 48076 | | | Region | | Author MD |
| Site and vegetation description  6m east of mobile dune area and 2m east of path. | | | | Date  09/07/21 | Sample no.  61 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  60cm 20-30cm 5cm | | |
| Layers cover  30% 55% 15% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Patches of Rosa canina and Dactylis immediately outside quadrat.  N  S | | | |
| *Arrhenatherum elatius* | 5 | O |
| *Festuca rubra* | 7 | F |
| *Festuca ovina* |  |  |
| *Agrostis capillaris* | 3 | R |
| *Poa pratensis* | 3 | R |
| *Avenula pubescens* | 1 | R |
| *Plantago lanceolata* | 2 | R |
| *Centaurea nigra* | 3 | R |
| *Campanula rotundifolia* | 2 | R | NVC Comm: SD9a Ammophila arenaria – Arrhenatherum elatius dune grassland, typ sc | | | |
| *Cirsium vulgare* | 1 | R |
| *Taraxacum officianale* | 1 | R |
| *Carex arenaria* | 2 | R | |  |  |  | | --- | --- | --- | | 30 | 50 | 30 | | 25 | 15 | 20 | | 25 | 15 | 15 |   N  S | | | |
| *Vicia lathyroides* | 1 | R |
| *Pseudoscleropodium purum* | 3 | R |
| *Rhytidiadelphus squarrosus* | 1 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 3, quadrat 62 | Grid reference: NY 08529 48076 | | | Region | | Author MD |
| Site and vegetation description  3m west of broad path. Within path-side swathe of finer, more diverse sward | | | | Date  09/07/21 | Sample no.  62 | |
| Altitude | Slope  10° | |
| Aspect  SE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 20cm 5cm | | |
| Layers cover  25% 60% 15% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   More Arrhenatherum immediately to the west and north, in less diverse grassland  N  S | | | |
| *Arrhenatherum elatius* | 4 | R |
| *Festuca ovina* | 6 | F |
| *Festuca rubra* |
| *Poa pratensis* | 4 | R |
| *Carex arenaria* | 3 | R |
| *Galium verum* | 3 | R |
| *Campanula rotundifolia* | 3 | R |
| *Cirsium vulgare* | 1 | R |
| *Plantago lanceolata* | 4 | R | NVC Comm: SD8a Festuca rubra-Galium verumm typ sc | | | |
| *Thymus praecox* | 2 | R |
| *Vicia lathyroides* | 2 | R |
| *Rhytidiadelphus squarrosus* | 4 | R | |  |  |  | | --- | --- | --- | | 5 | 20 | 25 | | 30 | 20 | 35 | | 20 | 5 | 15 |   N  S | | | |
| *Pseudoscleropodium purum* | 4 | R |
| *Hylocomnium splendens* | 3 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 3, quadrat 63 | Grid reference: NY 08539 48076 | | | Region | | Author MD |
| Site and vegetation description  Immediately north of minor path, small triangle of finer sward before *Arrhenatherum* dominance to N and E | | | | Date  09/07/21 | Sample no.  63 | |
| Altitude | Slope  5° | |
| Aspect  S | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  45cm 10-20cm 5cm | | |
| Layers cover  15% 65% 20% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Small diverse area immediately becomes more *Arrhenatherum* dominated to the N and E  N  S | | | |
| *Arrhenatherum elatius* | 3 | R |
| *Festuca ovina* | 8 | A |
| *Festuca rubra* |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 3 | R |
| *Luzula campestris* | 3 | R |
| *Anthoxanthum odoratum* | 2 | R |
| *Carex arenaria* | 2 | R |
| *Plantago lanceolata* | 3 | R | NVC Comm: SD8b, *Festuca rubra – Galium verum* fixed dune, *Luzula campestris* sc | | | |
| *Galium verum* | 3 | R |
| *Hieracium pilosella* | 3 | R |
| *Jasione montana* | 1 | R | |  |  |  | | --- | --- | --- | | 20 | 10 | 15 | | 10 | 5 | 10 | | 10 | 10 | 5 |   N  S | | | |
| *Lotus corniculatus* | 3 | R |
| *Campanula rotundifolia* | 2 | R |
| *Cerastium fontanum* | 2 | R |
| *Trifolium repens* | 1 | R |
| *Thymus praecox* | 1 | R |
| *Ononis repens* | 2 | R |
| *Rumex acetosella* | 1 | R |
| *Rhytidiadelphus squarrosus* | 4 | R |
| *Pseudoscleropodium purum* | 4 | R |

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| NVC Record Sheet | | | | | | |
| Location: Trans 3, quadrat 64 | Grid reference: NY 08553 48076 | | | Region | | Author MD |
| Site and vegetation description  Broad area of Arrhenatherum dominated grassland before coastal heath area to the east | | | | Date  09/07/21 | Sample no.  64 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40 – 50cm 5cm | | |
| Layers cover  80% 20% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 8 | A | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Homogenous area, but small (2m diameter) clump of Erica cinerae to east.  N  S | | | |
| *Poa pratensis* | 2 | R |
| *Festuca spp* | 3 | R |
| *Agrostis capillaris* | 2 | R |
| *Taraxacum officinale* | 1 | R |
| *Viola spp* | 3 | R |
| *Achillea millefolium* | 1 | R |
| *Chamaenerion angustifolium* | 1 | R |
| *Pseudoscleropodium purum* | 3 | R |
| *Pleurozium schreberi* | 3 | R | NVC Comm: MG1 Arrhenatherum elatius grassland | | | |
| *Rhytidiadelphus squarrosus* | 1 | R |
|  |  |  |
|  |  |  | |  |  |  | | --- | --- | --- | | 5 | 5 | 25 | | 35 | 40 | 20 | | 50 | 50 | 5 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 3, quadrat 65 | Grid reference: NY08588 48076 | | | Region | | Author MD |
| Site and vegetation description  Edge of large area of *Calluna* | | | | Date  09/07/21 | Sample no.  65 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50cm 40cm 5-10cm | | |
| Layers cover  20% 30% 40% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Lots more *Conopodium majus* and *Erica cinerea* to the north, othermise coarse grasses to west and *Calluna* to east  N  S | | | |
| *Festuca ovina* | 4 | R |
| *Agrostis capillaris* | 3 | R |
| *Luzula campestris* | 3 | R |
| *Ammophila arenaria* | 4 | R |
| *Vicia lathyroides* | 1 | R |
| *Galium saxatile* | 3 | R |
| *Calluna vulgaris* | 6 | F |
| *Veronica officinalis* | 2 | R |
| *Chamaenerion angustifolium* | 1 | R | NVC Comm: H11c *Calluna vulgaris – Carex arenaria* heath, spp poor sc | | | |
| *Pluerozium schreberi* | 5 | O |
| *Hypnum jutlandicum* | 4 | R |
| *Hylocomnium splendens* | 4 | R | |  |  |  | | --- | --- | --- | | 25 | 15 | 45 | | 30 | 30 | 30 | | 5 | 25 | 15 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 3, quadrat 66 | Grid reference: NY 08644 48076 | | | Region | | Author MD |
| Site and vegetation description  Area of finer grasses and low heathers | | | | Date  09/07/21 | Sample no.  66 | |
| Altitude | Slope  <5° | |
| Aspect  SW | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15-20cm <5cm zero | | |
| Layers cover  35% 50% 15% | | |
| Samples taken? | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Same veg continues over large area to N and NE  N  S | | | |
| *Agrostis capillaris* | 2 | R |
| *Carex arenaria* | 3 | R |
| *Calluna vulgaris* | 6 | F |
| *Erica cinerea* | 5 | O |
| *Campanula rotundifoia* | 2 | R |
| *Jasione montana* | 2 | R |
| *Hypochoeris radicata* | 3 | R |
| *Rumex acetosella* | 1 | R |
| *Pleurozium schreberi* | 6 | F | NVC Comm: H11a *Calluna – Carex arenaria heath, Erica cinerea* sc | | | |
| *Hylocomnium splendens* | 3 | R |
|  |  |  |
|  |  |  | |  |  |  | | --- | --- | --- | | 5 | 10 | 15 | | <5 | 5 | 15 | | <5 | <5 | 25 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 3, quadrat 67 | Grid reference: NY 08721 48076 | | | Region | | Author MD |
| Site and vegetation description  Mossy area with fine grasses and low Calluna clumps | | | | Date  09/07/21 | Sample no.  67 | |
| Altitude | Slope  10° | |
| Aspect  S | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20-30cm 5cm | | |
| Layers cover  40% 60% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Sparse bramble patch imm to west  N  S | | | |
| *Agrostis capillaris* | 5 | O |
| *Carex arenaria* | 2 | R |
| *Lotus corniculatus* | 3 | R |
| *Galium saxatile* | 3 | R |
| *Rumex acetosella* | 2 | R |
| *Rubus fruticosus* | 1 | R |
| *Calluna vulgaris* | 4 | R |
| *Pleurozium schreberi* | 8 | A |
| *Pseudoscleropodium purum* | 2 | R | NVC Comm: SD12a *Carex arenaria – F. ovina – A. capillaris* dune grassland, *Anthoxanthum* sc | | | |
|  |  |  |
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|  |  |  | |  |  |  | | --- | --- | --- | | 10 | 10 | 10 | | 15 | 5 | 15 | | 5 | 10 | 10 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Tras 2, quadrat 68 | Grid reference: NY 08600 48266 | | | Region | | Author MD |
| Site and vegetation description  20m x 10m area with v. low vegetation and high diversity | | | | Date  09/07/21 | Sample no.  68 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  10-15cm <5cm | | |
| Layers cover  10% 90% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 5 | O | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Outside quadrat – more campanula, + some Coincya monensis, Hieracium pilosella and few patches Anthyllis vulneraria  N  S | | | |
| *Festuca rubra* |  |  |
| *Poa pratensis* | 2 | R |
| *Koeleria macrantha* | 3 | R |
| *Vicia lathyroides* | 2 | R |
| *Luzula campestris* | 1 | R |
| *Carex arenaria* | 3 | R |
| *Thymus praecox* | 6 | F |
| *Hypochoeris radicata* | 4 | R |
| *Calluna vulgaris* | 3 | R | NVC Comm: SD8b Festuca rubra – Galium verum fixed dune, Luzula campestris sc | | | |
| *Plantago lanceolata* | 4 | R |
| *Lotus corniculatus* | 4 | R |
| *Trifolium repens* | 4 | R | |  |  |  | | --- | --- | --- | | <5 | <5 | <5 | | <5 | <5 | <5 | | <5 | <5 | <5 |   N  S | | | |
| *Ranunculus acris* | 2 | R |
| *Senecio jacobea* | 1 | R |
| *Syntrichia ruralis, ruraliformis* | 3 | R |
| *Pseudoscleropodium purum* | 1 | R |
| *Rhytidiadelphus squarrosus* | 1 | R |
| *Hypnum lacunosum, lacunosum* | 1 | R |

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| NVC Record Sheet | | | | | | |
| Location: Trans 2, quadrat 69 | Grid reference: NY 08629 48226 | | | Region | | Author MD |
| Site and vegetation description  Across path to east of short sward area, onto grass dominated sward with Calluna clumps 20m further east | | | | Date  13/07/21 | Sample no.  69 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15 – 20cm 5cm | | |
| Layers cover  65% 35% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 8 | A | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Outside quadrat patches of Campanula and Thymus + Vicia lathyroides frequent throughout  N  S | | | |
| *Festuca rubra* |
| *Agrostis capillaris* | 5 | O |
| *Poa pratensis* | 3 | R |
| *Carex caryophyllae* | 3 | R |
| *Luzula campestris* | 2 | R |
| *Galium saxatile* | 1 | R |
| *Vicia lathyroides* | 3 | R |
| *Achillea millefolium* | 2 | R |
| *Hypochoeris radicata* | 1 | R | NVC Comm: Transitional SD8 to SD12 | | | |
| *Pseudoscleropodium purum* | 5 | O |
| *Pluerozium schreberi* | 4 | R |
| *Hylocomnium splendens* | 1 | R | |  |  |  | | --- | --- | --- | | 15 | 10 | 20 | | 20 | 15 | 15 | | 15 | 5 | 5 |   N  S | | | |
| *Rhytidiadelphus squarrosus* | 1 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 2, quadrat 70 | Grid reference: NY 08645 48226 | | | Region | | Author MD |
| Site and vegetation description  Same veg as 69 | | | | Date  13/07/21 | Sample no.  70 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15-20cm 5cm | | |
| Layers cover  70% 30% | | |
| Samples taken? | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 8 | A | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Typ of surrounding area  N  S | | | |
| *Festuca rubra* |  |  |
| *Agrostis capillaris* | 4 | R |
| *Poa pratensis* | 3 | R |
| *Luzula campestris* | 2 | R |
| *Vicia lathyroides* | 1 | R |
| *Galium saxatile* | 1 | R |
| *Pleurozium schreberi* | 4 | R |
| *Hylocomnium splendens* | 4 | R |
| *Pseudoscleropodium purum* | 3 | R | NVC Comm: Trans SD8 to SD12? | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 15 | 15 | 15 | | 10 | 15 | 5 | | 15 | 5 | 15 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 2, quad 71 | Grid reference: NY 08680 48226 | | | Region | | Author MD |
| Site and vegetation description  Into short sward area with abundant *Calluna* patches | | | | Date  13/07/21 | Sample no.  71 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  10-15cm 5cm zero | | |
| Layers cover  35% 65% <5% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 6 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Much more *Carex arenaria* outside quadrat where colonising bare ground.  N  S | | | |
| *Agrostis capillaris* | 4 | R |
| *Rumex acetosella* | 4 | R |
| *Galium saxatile* | 3 | R |
| *Calluna vulgaris* | 4 | R |
| *Carex arenaria* | 1 | R |
| *Hypochoeris radicata* | 1 | R |
| *Pluerozium schreberi* | 7 | F |
| *Pseudoscleropodium purum* | 3 | R |
| *Hylocomnium splendens* | 3 | R | NVC Comm: SD12a *Carex arenaria – Festuca – Agrostis* dune grassland, *Anthoxanthum* sc | | | |
| *Dicranum scoparium* | 1 | R |
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|  |  |  | |  |  |  | | --- | --- | --- | | 15 | 5 | 5 | | 10 | 10 | 5 | | 5 | 5 | 5 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 2, quadrat 72 | Grid reference: NY 08722 48226 | | | Region | | Author MD |
| Site and vegetation description  E edge of heather clump measuring 7m x 5m | | | | Date  13/07/21 | Sample no.  72 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20-30cm 10-15cm 5cm | | |
| Layers cover  15% 70% 15% | | |
| Samples taken? | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 7 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Typical of this swathe of veg, which runs SW – NE, bordered on eastern edge by taller grasses (*Arrhenatherum*) 15m away  N  S | | | |
| *Agrostis capillaris* | 4 | R |
| *Carex caryophyllae* | 1 | R |
| *Carex arenaria* | 4 | R |
| *Galium saxatile* | 5 | O |
| *Rubus fruticosus* | 4 | R |
| *Calluna vulgaris* | 1 | R |
| *Hypochoeris radicata* | 1 | R |
| *Hypnum jutlandicum* | 4 | R |
| *Pleurozium schreberi* | 4 | R | NVC Comm: SD12a, *Carex – Festuca – Agrostis, Anthoxanthum* sc | | | |
| *Hylocomnium splendens* | 3 | R |
| *Pseudoscleropodium purum* | 1 | R |
| *Arrhenatherum elatius* | 1 | R | |  |  |  | | --- | --- | --- | | 10 | 15 | 10 | | 25 | 10 | 15 | | 15 | 5 | 10 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 2, quadrat 73 | Grid reference: NY 08747 48226 | | | Region | | Author MD |
| Site and vegetation description  Swathe of Arrhenatherum grassland 15m to 30m wide running along eastern boundary | | | | Date  13/07/21 | Sample no.  73 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40-50cm 5-10cm | | |
| Layers cover  80% 20% | | |
| Samples taken?  Y | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 8 | A | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Arrhenatherum interrupted by heather clumps in this area which seem to be in the process of being out-competed by the tall grass  N  S | | | |
| *Holcus lanatus* | 2 | R |
| *Festuca ovina* | 3 | R |
| *Agrostis capillaris* | 3 | R |
| *Carex arenaria* | 3 | R |
| *Polypodium vulgare* | 4 | R |
| *Galium saxatile* | 2 | R |
| *Pleurozium schreberi* | 5 | O |
| *Pseudoscleropodium purum* | 1 | R |
| *Hylocomnium splendens* | 1 | R | NVC Comm: Trans from SD12 to MG1 | | | |
| *Rhytidiadelphus squarrosus* | 4 | R |
| *Syntrichia ruralis, ruraliformis* | 1 | R |
| *Kinbergia praelonga* | 1 | R | |  |  |  | | --- | --- | --- | | 35 | 40 | 40 | | 40 | 15 | 40 | | 35 | 35 | 20 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 1, quadrat 74 | Grid reference: NY 08665 48389 | | | Region | | Author MD |
| Site and vegetation description  Immediately to the east of sea-bank path in narrow swathe of finer grasses before *Arrhenatherum* dominance to the east | | | | Date  13/07/21 | Sample no.  74 | |
| Altitude | Slope  5° | |
| Aspect  N | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  30-40cm 10-20cm 5cm | | |
| Layers cover  20% 70% 10% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 4 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Arrhenatherum elatius* | 3 | R |
| *Festuca ovina* | 8 | A |
| *Festuca rubra* |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 5 | O |
| *Carex arenaria* | 3 | O |
| *Campanula rotundifoia* | 3 | R |
| *Hypochoeris radicata* | 4 | R |
| *Plantago lanceolata* | 3 | R | NVC Comm: SD8a *Festuca rubra – Galium verum* fixed dune, typ sc | | | |
| *Rosa canina* | 2 | R |
| *Veronica chamaedrys* | 2 | R |
| *Cerastium fontanum* | 2 | R | |  |  |  | | --- | --- | --- | | 10 | 10 | 20 | | 10 | 5 | 20 | | 15 | 20 | 5 |   N  S | | | |
| *Achillea millefolium* | 1 | R |
| *Pseudoscleropodium purum* | 4 | R |
| *Holcus lanatus* | 3 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 1, quadrat 75 | Grid reference: NY 08678 48389 | | | Region | | Author MD |
| Site and vegetation description  Within swathe of Arrhenatherum running parallel with top of sea bank | | | | Date  13/07/21 | Sample no.  75 | |
| Altitude | Slope  5° | |
| Aspect  SE | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  40cm 15-20cm 5cm | | |
| Layers cover  30% 60% 10% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Ammophila arenaria* | 1 | R | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Patch of viola spp imm outside quad and 2 rosettes of Coincya monensis  N  S | | | |
| *Arrhenatherum elatius* | 6 | F |
| *Holcus lanatus* | 4 | R |
| *Anthoxanthum* | 3 | R |
| *Festuca ovina* | 7 | F |
| *Festuca rubra* |  |  |
| *Poa pratensis* | 4 | R |
| *Agrostis capillaris* | 4 | R |
| *Carex arenaria* | 1 | R |
| *Avenula pubescens* | 1 | R | NVC Comm: SD9a Ammophila – Arrhenatherum dune grassland, typ sc | | | |
| *Campanula rotundifolia* | 2 | R |
| *Veronica chamaedrys* | 2 | R |
| *Vicia lathyroides* | 1 | R | |  |  |  | | --- | --- | --- | | 15 | 40 | 15 | | 20 | 20 | 20 | | 20 | 25 | 35 |   N  S | | | |
| *Pseudoscleropodium purum* | 4 | R |
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| NVC Record Sheet | | | | | | |
| Location: Trans 1, quadrat 76 | Grid reference: NY 08695 48389 | | | Region | | Author MD |
| Site and vegetation description  Central area of finer grasses running either side of minor path | | | | Date  13/07/21 | Sample no.  76 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15-20cm 5cm | | |
| Layers cover  80% 20% | | |
| Samples taken? | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 9 | D | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Surroundings homogenous  N  S | | | |
| *Festuca rubra* |
| *Agrostis capillaris* | 5 | O |
| *Poa pratensis* | 3 | R |
| *Arrhenatherum elatius* | 1 | R |
| *Anthoxanthum odoratum* | 1 | R |
| *Carex caryophyllae* | 3 | R |
| *Carex arenaria* | 2 | R |
| *Achillea millefolium* | 2 | R |
| *Cerastium fontanum* | 3 | R | NVC Comm: SD8a, Festuca rubra – Galium verum, typ sc | | | |
| *Vicia hirsuta* | 1 | R |
| *Psuedoscleropodium purum* | 5 | O |
| *Hylocomnium splendens* | 1 | R | |  |  |  | | --- | --- | --- | | 15 | 10 | 10 | | 15 | 15 | 15 | | 15 | 10 | 5 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 1, quadrat 77 | Grid reference: NY 08711 48389 | | | Region | | Author MD |
| Site and vegetation description  Within same fine grass patch as 76. *Arrhenatherum* starts to dominate 4m further east | | | | Date  13/07/21 | Sample no.  77 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  15-20cm 5-10cm | | |
| Layers cover  70% 30% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 9 | D | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Homogenous area  N  S | | | |
| *Agrostis capillaris* | 4 | R |
| *Carex arenaria* | 1 | R |
| *Senecio jacobea* | 1 | r |
| *Hylocomnium splendens* | 4 | R |
| *Pleurozium schreberi* | 4 | R |
| *Rhytidiadelphus squarrosus* | 3 | R |
| *Hypnum jutlandicum* | 3 | R |
| *Pseudoscleropodium purum* | 3 | R |
|  |  |  | NVC Comm: SD12a *Carex – Festuca – Agrostis* dune grassland, *Anthoxanthum* sc | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 10 | 10 | 10 | | 15 | 5 | 15 | | 5 | 10 | 10 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 1, quadrat 78 | Grid reference: NY 08725 48389 | | | Region | | Author MD |
| Site and vegetation description  Within swathe of coarser grasses though this is broken by many smaller patches of finer grasses as in 77 | | | | Date  13/07/21 | Sample no.  78 | |
| Altitude | Slope  5° | |
| Aspect  E | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  50-60cm 1-15cm | | |
| Layers cover  65% 35% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 8 | A | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Homgenous area lacking broadleaves  N  S | | | |
| *Festuca ovina* | 4 | R |
| *Agrostis capillaris* | 4 | R |
| *Carex arenaria* | 3 | R |
| *Pseudoscleropodium purum* | 4 | R |
| *Pleurozium schreberi* | 4 | R |
| *Hylocomnium splendens* | 4 | R |
| *Rhytidiadelphus squarrosus* | 2 | R |
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|  |  |  | NVC Comm: Trans SD12 to MG1? | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 45 | 50 | 55 | | 60 | 50 | 15 | | 15 | 45 | 5 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 1, quadrat 79 | Grid reference: NY 08745 48389 | | | Region | | Author MD |
| Site and vegetation description  Large area (50m x 30m) of finer grasses within *Arrhenatherum* swathe | | | | Date  13/07/21 | Sample no.  79 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  20-25cm 5-10cm | | |
| Layers cover  70% 30% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Festuca ovina* | 7 | F | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   N  S | | | |
| *Festuca rubra* |  |  |
| *Poa pratensis* | 3 | R |
| *Agrostis capillaris* | 5 | O |
| *Carex arenaria* | 3 | R |
| *Hylocomnium splendens* | 5 | O |
| *Pleurozium schreberi* | 4 | R |
| *Hypnum cuppressiforme* | 3 | R |
| *Pseudoscleropodium purum* | 2 | R |
|  |  |  | NVC Comm: SD12a, *Carex – Festuca – Agrostis* dune grassland, A*nthoxanthum* sc | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 10 | 30 | 15 | | 25 | 25 | 20 | | 25 | 25 | 15 |   N  S | | | |
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| NVC Record Sheet | | | | | | |
| Location: Trans 1, quadrat 80 | Grid reference: NY 08766 48389 | | | Region | | Author MD |
| Site and vegetation description  Broad swathe of tall *Arrhenatherum* along eastern boundary | | | | Date  13/07/21 | Sample no.  80 | |
| Altitude | Slope  - | |
| Aspect | Soil depth | |
| Stand area | Sample area  2x2m | |
| Layer mean height  65cm 5-10cm | | |
| Layers cover  85% 15% | | |
| Samples taken?  N | | |
| Species list | DOMIN | DAFOR | Comments | | | |
| *Arrhenatherum elatius* | 8 | A | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   Homogenous area  N  S | | | |
| *Holcus lanatus* | 4 | R |
| *Festuca ovina* | 3 | R |
| *Agrostis capillaris* | 3 | R |
| *Achillea millefolium* | 3 | R |
| *Galium saxatile* | 3 | R |
| *Hylocomnium splendens* | 5 | O |
| *Pseudoscleropodium purum* | 3 | R |
| *Pleurozium schreberi* | 3 | R |
| *Rhytidiadelphus squarrosus* | 3 | R | NVC Comm: MG1 *Arrhenatherum* grassland | | | |
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|  |  |  | |  |  |  | | --- | --- | --- | | 50 | 50 | 40 | | 50 | 60 | 60 | | 60 | 60 | 50 |   N  S | | | |
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