

South-east Yorkshire (vc61) Rare Plant Register



Third edition 2015

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Front cover – *Orchis morio*

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It is now more than twenty years since Eva Crackles published her Flora of the East Riding of Yorkshire (1990) which itself followed almost ninety years after the previous account produced by James Fraser Robinson (1902). Crackles' flora is extremely valuable as it made the first comprehensive, historical review of the region's vascular plants and mapped their distribution at a tetrad scale. Although a concerted effort had been made to cover the county in the decade before publication, it was inevitable that the distribution maps showed records which were old even at the time of publication. Since the appearance of this work there has been a reduced appetite in the county for working to maintain a systematic coverage, the notable exceptions being a flurry of activity for Atlas 2000 and the production of a web-based flora of Hull by the Hull Natural History Society in 2000.

Despite reduced recording effort in the vice-county it has become clear that the 1990 flora paints an over optimistic picture of the present distribution of some of the area's more scarce plants. This first edition of the "Rare Plant Register", although condemned to be over-pessimistic, is an attempt to draw attention to some of the plants which are under threat. It is hoped that by highlighting these potentially threatened taxa, more effort will be put into looking for and protecting them and that it will act as a useful channel for the county's scarce botanical expertise. Future editions should be able to make a more accurate assessment of the true status of these plants and it is hoped that the number flagged as regionally rare or scarce will be significantly reduced.

Criteria for inclusion

In accordance with the guidelines for the preparation of County Rare Plant Registers (CRPRs) (Ellis and Pearman 2005) the following categories of plants have been considered for inclusion.

Red Data List

- EX** Extinct
- EW** Extinct in the wild (None)
- CR** Critically Endangered
- EN** Endangered
- VU** Vulnerable
- NT** Near Threatened
- DD** Data Deficient

National criteria

- WC** Wildlife and Countryside Act 1981 Schedule 8 plant species
- BAP** UK Biodiversity Action Plan species

Non IUCN criteria

- Nationally Rare (JNCC list)
- Nationally Scarce (JNCC list)

Regional criteria

- Regionally Extinct
- Regionally Rare (3 or fewer sites*)
- Regionally Scarce (4 – 10 sites*)

* A 'site' is regarded as a 1km square, not necessarily aligned with the National Grid. When several discrete populations of a species are found within 1km of each other they may form a single site. (Broughton 2012)

Plants on the vice-county catalogue which meet nationally agreed criteria.

| | Red Data Book criteria | | | | | | National | | Non IUCN | |
|---|------------------------|----|----|----|----|----|----------|-----|----------|--------|
| | EX | CR | EN | NT | VU | DD | WC | BAP | Rare | Scarce |
| | | | | | | | | | | |
| <i>Pilularia globulifera</i> | | | | ✓ | | | | ✓ | | ✓ |
| <i>Thelypteris palustris</i> | | | | | | | | | | ✓ |
| <i>Dryopteris cristata</i> | | ✓ | | | | | | ✓ | ✓ | |
| <i>Papaver argemone</i> | | | | | ✓ | | | | | |
| <i>Meconopsis cambrica</i> | | | | | | | | | | ✓ |
| <i>Fumaria purpurea</i> | | | | | | | | ✓ | | ✓ |
| <i>Fumaria parviflora</i> | | | | | ✓ | | | | | ✓ |
| <i>Helleborus foetidus</i> | | | | | | | | | | ✓ |
| <i>Actaea spicata</i> | | | | | | | | | | ✓ |
| <i>Ranunculus arvensis</i> | | ✓ | | | | | | ✓ | | |
| <i>Adonis annua</i> | | | ✓ | | | | | ✓ | | ✓ |
| <i>Myosurus minimus</i> | | | | | ✓ | | | | | |
| <i>Buxus sempervirens</i> | | | | | | ✓ | | | ✓ | |
| <i>Ribes alpinum</i> | | | | | | | | | | ✓ |
| <i>Saxifraga hypnoides</i> | | | | | ✓ | | | | | |
| <i>Sedum forsterianum</i> | | | | | | | | | | ✓ |
| <i>Myriophyllum verticillatum</i> | | | | | ✓ | | | | | |
| <i>Astragalus danicus</i> | | | ✓ | | | | | ✓ | | |
| <i>Onobrychis viciifolia</i> | | | | ✓ | | | | | | |
| <i>Vicia lutea</i> | | | | ✓ | | | | | | ✓ |
| <i>Lathyrus palustris</i> | | | | ✓ | | | | | | ✓ |
| <i>Lathyrus hirsutus</i> | | | | | | | | | ✓ | |
| <i>Lathyrus aphaca</i> | | | | | ✓ | | | | | ✓ |
| <i>Medicago sativa</i> subsp. <i>falcata</i> | | | | | | | | | | ✓ |
| <i>Medicago polymorpha</i> | | | | | | | | | | ✓ |
| <i>Trifolium suffocatum</i> | | | | | | | | | | ✓ |
| <i>Genista anglica</i> | | | | ✓ | | | | | | |
| <i>Potentilla argentea</i> | | | | ✓ | | | | | | |
| <i>Potentilla tabernaemontani</i> | | | | | | | | | | ✓ |
| <i>Hippophae rhamnoides</i> | | | | | | | | | | ✓ |
| <i>Euphorbia exigua</i> | | | | ✓ | | | | | | |
| <i>Viola canina</i> | | | | ✓ | | | | | | |
| <i>Viola tricolor</i> | | | | ✓ | | | | | | |
| <i>Linum perenne</i> | | | | | | | | | | ✓ |
| <i>Radiola linoides</i> | | | | ✓ | | | | | | |
| <i>Hypericum montanum</i> | | | | ✓ | | | | | | |
| <i>Lythrum hyssopifolia</i> | | | ✓ | | | | ✓ | ✓ | ✓ | |
| <i>Malva setigera</i> | | | | | | | ✓ | | | |
| <i>Tilia platyphyllos</i> | | | | | | | | | | ✓ |
| <i>Matthiola sinuata</i> | | | | | ✓ | | | ✓ | ✓ | |
| <i>Cardamine impatiens</i> | | | | ✓ | | | | | | ✓ |
| <i>Alyssum alyssoides</i> | | | | | | | ✓ | | | |
| <i>Camelina sativa</i> | | | | | | | | | | ✓ |
| <i>Teesdalia nudicaulis</i> | | | | ✓ | | | | | | |
| <i>Iberis amara</i> | | | | | ✓ | | | ✓ | | ✓ |
| <i>Lepidium latifolium</i> | | | | | | | | | | ✓ |
| <i>Brassica oleracea</i> | | | | | | | | | | ✓ |
| <i>Persicaria minor</i> | | | | | ✓ | | | | | |
| <i>Minuartia hybrida</i> | | | ✓ | | | | | ✓ | | ✓ |
| <i>Stellaria palustris</i> | | | | | ✓ | | | ✓ | | |
| <i>Scleranthus annuus</i> | | | ✓ | | | | | ✓ | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| <i>Corrigiola litoralis</i> | | ✓ | | | | | ✓ | ✓ | ✓ | |
| <i>Spergula arvensis</i> | | | | | ✓ | | | | | |
| <i>Silene noctiflora</i> | | | | | ✓ | | | | | |
| <i>Silene gallica</i> | | | ✓ | | | | | ✓ | | ✓ |
| <i>Dianthus deltoides</i> | | | | ✓ | | | | | | ✓ |
| <i>Chenopodium bonus-henricus</i> | | | | | ✓ | | | | | |
| <i>Chenopodium glaucum</i> | | | | | ✓ | | | | | ✓ |
| <i>Chenopodium vulvaria</i> | | | ✓ | | | | ✓ | ✓ | | ✓ |
| <i>Chenopodium urbicum</i> | | ✓ | | | | | | ✓ | ✓ | |
| <i>Chenopodium murale</i> | | | | | ✓ | | | | | |
| <i>Atriplex longipes</i> | | | | | | | | | | ✓ |
| <i>Salicornia fragilis</i> | | | | | | | | | | ✓ |
| <i>Salsola kali</i> subsp. <i>kali</i> | | | | | | | | ✓ | | |
| <i>Impatiens noli-tangere</i> | | | | | | | | | | ✓ |
| <i>Polemonium caeruleum</i> | | | | | | | | | ✓ | |
| <i>Lysimachia thyrsoiflora</i> | | | | | | | | | | ✓ |
| <i>Anagallis arvensis</i> subsp. <i>foemina</i> | | | | | | | | | | ✓ |
| <i>Centunculus minimus</i> | | | | ✓ | | | | | | |
| <i>Hypopitys monotropa</i> | | | ✓ | | | | | ✓ | | ✓ |
| <i>Galium tricornutum</i> | | ✓ | | | | | | ✓ | ✓ | |
| <i>Galium parisiense</i> | | | | | ✓ | | | | | ✓ |
| <i>Centaureum littorale</i> | | | | | | | | | | ✓ |
| <i>Gentianella campestris</i> | | | | | ✓ | | | ✓ | | |
| <i>Gentiana pneumonanthe</i> | | | | | | | | | | ✓ |
| <i>Lithospermum arvense</i> | | | ✓ | | | | | | | |
| <i>Cynoglossum officinale</i> | | | | ✓ | | | | | | |
| <i>Cuscuta europaea</i> | | | | | | | | | | ✓ |
| <i>Cuscuta epithymum</i> | | | | | ✓ | | | | | |
| <i>Hyoscyamus niger</i> | | | | | ✓ | | | | | |
| <i>Veronica spicata</i> | | | | | | | ✓ | | | |
| <i>Misopates orontium</i> | | | | | ✓ | | | | | |
| <i>Limosella aquatica</i> | | | | | | | | | | ✓ |
| <i>Stachys arvensis</i> | | | | ✓ | | | | | | |
| <i>Galeopsis angustifolia</i> | | ✓ | | | | | | ✓ | | ✓ |
| <i>Galeopsis speciosa</i> | | | | | ✓ | | | | | |
| <i>Marrubium vulgare</i> | | | | | | | | | | ✓ |
| <i>Nepeta cataria</i> | | | | | ✓ | | | | | |
| <i>Clinopodium acinos</i> | | | | | ✓ | | | ✓ | | |
| <i>Mentha pulegium</i> | | | ✓ | | | | ✓ | ✓ | | ✓ |
| <i>Salvia pratensis</i> | | | | ✓ | | | ✓ | | | ✓ |
| <i>Euphrasia micrantha</i> | | | | | | ✓ | | | | |
| <i>Rhinanthus angustifolius</i> | | | | | | | ✓ | | ✓ | |
| <i>Orobanche rapum-genistae</i> | | | | ✓ | | | | | | ✓ |
| <i>Orobanche reticulata</i> | | | | ✓ | | | ✓ | | ✓ | |
| <i>Campanula patula</i> | | | ✓ | | | | | ✓ | | ✓ |
| <i>Campanula rapunculoides</i> | | | ✓ | | | | | ✓ | ✓ | |
| <i>Nymphoides peltata</i> | | | | | | | | | | ✓ |
| <i>Centaurea cyanus</i> | | | | | | | | ✓ | | |
| <i>Centaurea calcitrapa</i> | | ✓ | | | | | | ✓ | ✓ | |
| <i>Arnoseris minima</i> | ✓ | | | | | | | ✓ | | |
| <i>Hypochaeris glabra</i> | | | | | ✓ | | | | | |
| <i>Sonchus palustris</i> | | | | | | | | | | ✓ |
| <i>Filago vulgaris</i> | | | | ✓ | | | | | | |
| <i>Filago pyramidata</i> | | | ✓ | | | | ✓ | ✓ | | ✓ |
| <i>Gnaphalium sylvaticum</i> | | | ✓ | | | | | | | |
| <i>Artemisia campestris</i> | | | | | ✓ | | ✓ | ✓ | ✓ | |
| <i>Chamaemelum nobile</i> | | | | | ✓ | | | ✓ | | |
| <i>Anthemis arvensis</i> | | | ✓ | | | | | | | |

| | | | | | | | | | | |
|----------------------------------|--|---|---|---|---|---|---|---|---|---|
| <i>Anthemis cotula</i> | | | | | ✓ | | | | | |
| <i>Glebionis segetum</i> | | | | | ✓ | | | | | |
| <i>Lonicera xylosteum</i> | | | | | | | | | ✓ | |
| <i>Valerianella rimosa</i> | | | ✓ | | | | ✓ | | | ✓ |
| <i>Valerianella dentata</i> | | | ✓ | | | | | | | |
| <i>Valerianella eriocarpa</i> | | | | | | | | | ✓ | |
| <i>Scandix pecten-veneris</i> | | ✓ | | | | | ✓ | | | |
| <i>Sium latifolium</i> | | | ✓ | | | | ✓ | | | ✓ |
| <i>Oenanthe fistulosa</i> | | | | | ✓ | | ✓ | | | |
| <i>Oenanthe silaifolia</i> | | | | ✓ | | | | | | ✓ |
| <i>Bupleurum tenuissimum</i> | | | | | ✓ | | ✓ | | | ✓ |
| <i>Bupleurum baldense</i> | | | | | ✓ | | ✓ | | ✓ | |
| <i>Bupleurum rotundifolium</i> | | ✓ | | | | | ✓ | | ✓ | |
| <i>Apium repens</i> | | | | | ✓ | | ✓ | ✓ | ✓ | |
| <i>Cicuta virosa</i> | | | | | | | | | | ✓ |
| <i>Carum carvi</i> | | | ✓ | | | | ✓ | | | ✓ |
| <i>Thyselium palustre</i> | | | | | ✓ | | | | | ✓ |
| <i>Torilis arvensis</i> | | | ✓ | | | | ✓ | | | ✓ |
| <i>Baldellia ranunculoides</i> | | | | ✓ | | | | | | |
| <i>Damasonium alisma</i> | | ✓ | | | | | ✓ | ✓ | ✓ | |
| <i>Hydrocharis morsus-ranae</i> | | | | | ✓ | | | | | |
| <i>Stratiotes aloides</i> | | | | ✓ | | | | | ✓ | |
| <i>Zostera marina</i> | | | | ✓ | | | | | | |
| <i>Zostera noltei</i> | | | | | ✓ | | | | | |
| <i>Potamogeton coloratus</i> | | | | | | | | | | ✓ |
| <i>Potamogeton friesii</i> | | | | ✓ | | | | | | ✓ |
| <i>Potamogeton compressus</i> | | | ✓ | | | | ✓ | | | ✓ |
| <i>Potamogeton acutifolius</i> | | ✓ | | | | | ✓ | | ✓ | |
| <i>Groenlandia densa</i> | | | | | ✓ | | | | | |
| <i>Ruppia cirrhosa</i> | | | | ✓ | | | | | | ✓ |
| <i>Colchicum autumnale</i> | | | | ✓ | | | | | | |
| <i>Fritillaria meleagris</i> | | | | | | | | | | ✓ |
| <i>Cephalanthera damasonium</i> | | | | | ✓ | | ✓ | | | |
| <i>Epipactis dunensis</i> | | | | | | ✓ | | | | ✓ |
| <i>Epipactis phyllanthes</i> | | | | | | | | | | ✓ |
| <i>Neottia nidus-avis</i> | | | | ✓ | | | | | | |
| <i>Spiranthes spiralis</i> | | | | ✓ | | | | | | |
| <i>Platanthera chlorantha</i> | | | | ✓ | | | | | | |
| <i>Platanthera bifolia</i> | | | | | ✓ | | ✓ | | | |
| <i>Neotinea ustulata</i> | | | ✓ | | | | ✓ | | | ✓ |
| <i>Coeloglossum viride</i> | | | | | ✓ | | ✓ | | | |
| <i>Orchis simia</i> | | | | | ✓ | | ✓ | ✓ | ✓ | |
| <i>Anacamptis morio</i> | | | | ✓ | | | | | | |
| <i>Ophrys insectifera</i> | | | | | ✓ | | ✓ | | | |
| <i>Allium schoenoprasum</i> | | | | | | | | | | ✓ |
| <i>Allium oleraceum</i> | | | | | ✓ | | | | | |
| <i>Maianthemum bifolium</i> | | | | | ✓ | | | | ✓ | |
| <i>Hyacinthoides non-scripta</i> | | | | | | | ✓ | | | |
| <i>Juncus compressus</i> | | | | ✓ | | | | | | |
| <i>Blysmus compressus</i> | | | | | ✓ | | ✓ | | | |
| <i>Cyperus longus</i> | | | | ✓ | | | | | | ✓ |
| <i>Carex appropinquata</i> | | | | ✓ | | | | | | ✓ |
| <i>Carex diandra</i> | | | | ✓ | | | | | | |
| <i>Carex divisa</i> | | | | | ✓ | | ✓ | | | ✓ |
| <i>Carex elongata</i> | | | | | | | | | | ✓ |
| <i>Lolium temulentum</i> | | ✓ | | | | | ✓ | | ✓ | |
| <i>Festuca arenaria</i> | | | | | | | | | | ✓ |
| <i>Puccinellia rupestris</i> | | | | | | | | | | ✓ |

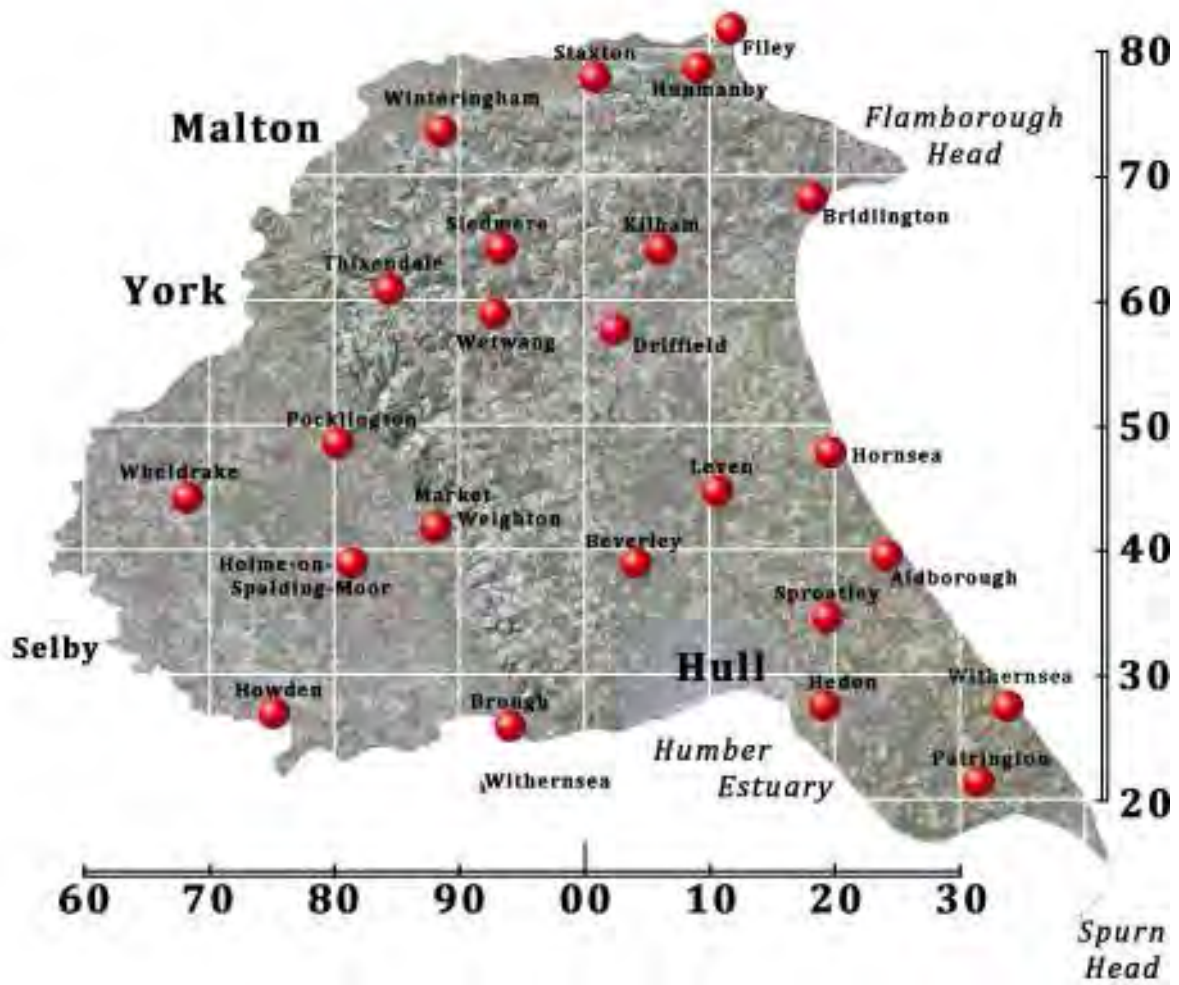
| | | | | | | | | | | |
|-------------------------------------|----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|
| <i>Parapholis incurva</i> | | | | | | | | | | ✓ |
| <i>Deschampsia setacea</i> | | | | | | | | | | ✓ |
| <i>Calamagrostis x gracilescens</i> | | | | | | | | | ✓ | |
| <i>Calamagrostis stricta</i> | | | | | ✓ | | | ✓ | ✓ | |
| <i>Apera spica-venti</i> | | | | ✓ | | | | | | |
| <i>Bromus secalinus</i> | | | | | ✓ | | | | | ✓ |
| <i>Bromopsis benekenii</i> | | | | | | | | | | ✓ |
| <i>Hordeum marinum</i> | | | | | ✓ | | | ✓ | | ✓ |
| | 1 | 12 | 22 | 37 | 48 | 3 | 17 | 54 | 27 | 78 |

The 175 plants which qualify for inclusion on one or more of the above criteria will remain a constant element in the register and will only be dropped or augmented by changes agreed at a national level. The regional component, however, will be dynamic and plants will be deleted as more records are accumulated and added as stations are lost, although this will be more difficult to monitor. In this first draft there has been a conscious effort to err on the side of caution and any taxon which lacks firm recent evidence of its security (more than 10 sites) has been included. Currently 297 plants have been added on this basis (casual aliens excluded). In view of this deficiency a detailed analysis of the vice-county's flora has not been attempted with this edition of the register.

Inevitably Crackles' flora of 1990 has been used as the base line for this document. It is now over two decades since its publication and the distribution maps gave equal weighting to records made as early as 1950. There have been great changes in the region over the intervening six decades, most of which have resulted in habitat and species loss. For this document the status of each taxon has been established purely on the basis of records made since the publication of Crackles' flora.

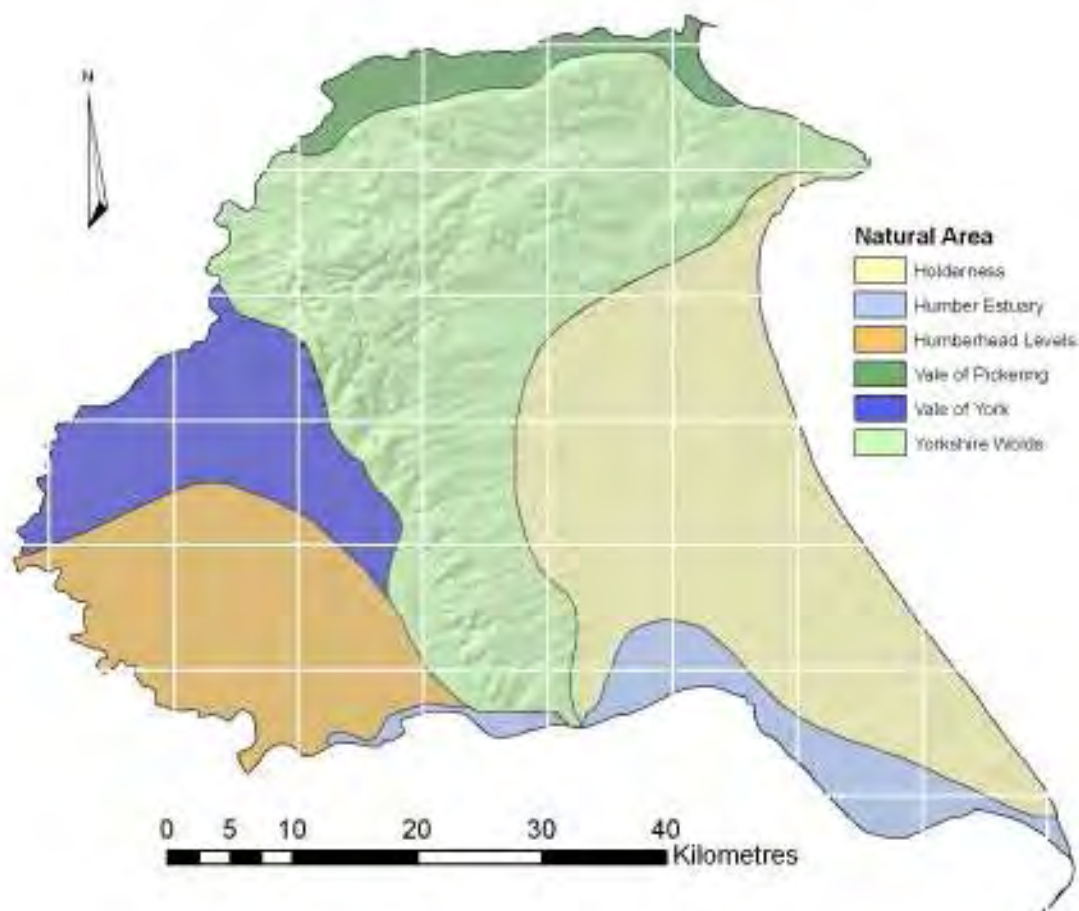
The register section contains all of the sites reported since 1990 for the 472 taxa which qualify for inclusion. In cases where there have been several records for the same plant/site combination only the most recent has been included. There is always a balance which must be maintained between openness and security and in a very few instances has it been considered necessary to deliberately downgrade the spatial precision of a record. In many cases records have been collected, with landowner permission, during surveys of private land. The inclusion of a site on the register neither confers nor implies any right of public access. Grid references are presented to a maximum resolution of six figures (100m) although in some instances GPS data are available which would increase the precision by a further order of magnitude. In many cases, particularly where the plant appeared on a list, the location is only known at the monad or tetrad level. In the worst cases, usually for historical records of extinct taxa, the record cannot be placed more accurately than the ten kilometer square. Maps showing the recent records overlain on the 1950 – 1990 data have been presented for some plants, particularly where there appears to have been a significant change in abundance or spatial distribution. It is hoped that these maps will stimulate a re-examination of some of the older sites.

The vice-county



A Wolds valley, Fordon

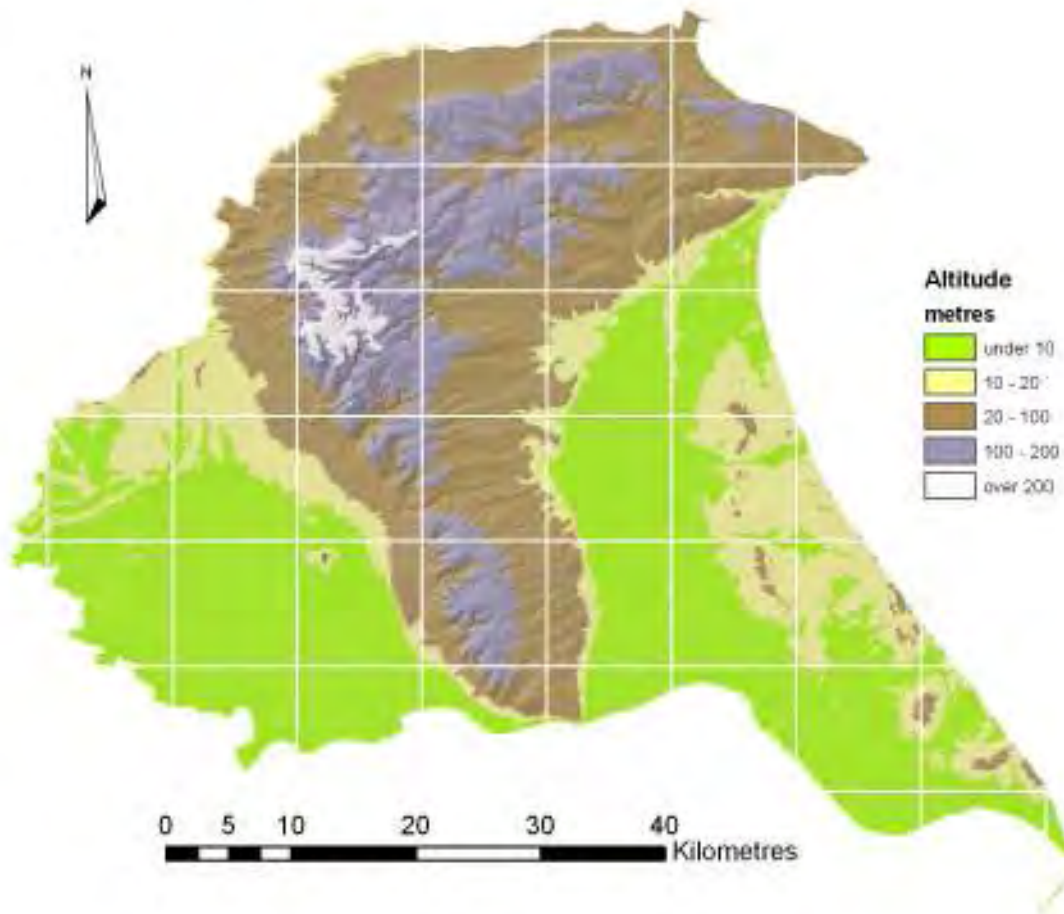
South-east Yorkshire – Natural Character Areas



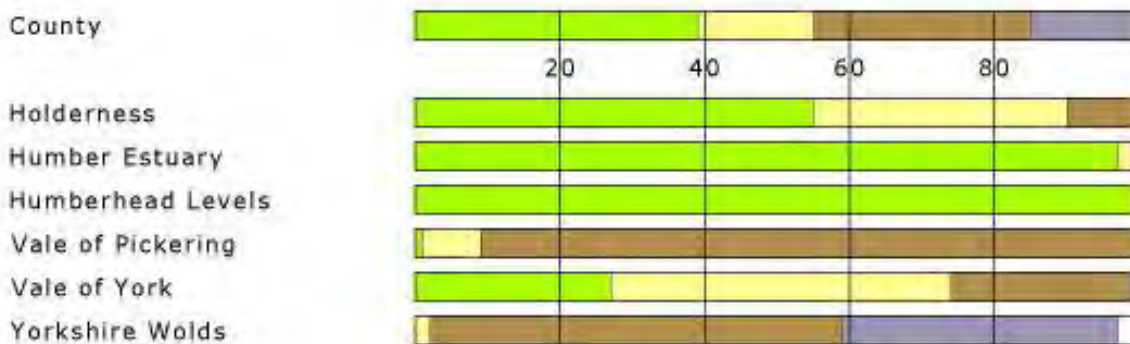
Watsonian vice-county 61, South-east Yorkshire, extends to over 3000 square kilometres of predominantly agricultural land with few large urban areas. Accounts of the area's soils and geology are well presented by R Arnett (Crackles 1990). Since the publication of Crackles' flora, Natural England has defined the 159 Natural Character Areas (NCAs) of England. Profiles of these areas are now available from the Natural England website with the exception of Holderness which will be available by 2014. These accounts present an extremely thorough description of each area and provide a good foundation for the interpretation of the county's flora. The above map shows how these NCAs intersect with the vice-county boundary and that following how they are defined by altitude.

| id | | Area km² | % of vc61 | % of NCA in vc 61 |
|-----------|---------------------------------|----------------------------|------------------|--------------------------|
| 40 | <i>Holderness</i> | 875 | 29 | 100 |
| 41 | <i>Humber Estuary</i> | 179 | 6 | 65 |
| 39 | <i>Humberhead Levels</i> | 433 | 14 | 25 |
| 26 | <i>Vale of Pickering</i> | 106 | 4 | 25 |
| 28 | <i>Vale of York</i> | 314 | 10 | 25 |
| 27 | <i>Yorkshire Wolds</i> | 1127 | 37 | 100 |

South-east Yorkshire – Altitude



Proportion of each altitude class by Natural Character Area



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Index of contributors and abbreviations used

| | | | |
|-------------|---------------------------|--------------|----------------------------|
| PAA | Penny Anderson Associates | RDG | Good, R. D. |
| IAA | Ashworth, I. A. | RG | Goulder, R. |
| JA | Atkins, J. | GG | Grainger, G. |
| RA | Atkinson, R. | DRG | Grant, D. R. |
| TA | Audas, T. | EYBC | East Yorkshire Botany Club |
| LA | Aukland, L. | EYBG | East Yorkshire Bat Group |
| NA | Aukland, N. | MH | Hammond, M. |
| RB | Baines, R. | CH | Hartley, C. |
| LB | Ball, L. | RH | Hawley, R. |
| CB | Birkinshaw, C. | LH | Hawthorne, L. |
| AB | Blackshaw, A. | DEH | Haythornthwaite, D. E. |
| BSBI | BSBI field meeting | JFH-S | Hope-Simpson, J. F. |
| DJB | Boatman, D. J. | AH | Horne, A. |
| GB | Boer, G. de | FH | Houseman, F. |
| EB | Bray, E. | DH | Hughes, D. |
| JHB | Bratton, J. H. | JH | Hunt, J. |
| HB | Britten, H. | GH | Hylands, G. |
| DB | Broughton, D. | GJ | Jarvis, G. |
| JB | Burrows, J. | RJ | Jefferson, R. |
| JC | Carroll, J. | VJ | Jones, V. |
| AC | Chadwick, A. | FK | Kenington, F. |
| CAC | Cheetham, C. A. | JK | Killingbeck, J. |
| MC | Clark, M. | RVL | Lansdown, R. V. |
| FEC | Crackles, F. E. | AL | Lane, A. |
| ECha | Chalk, E. | JDL | Levis, J. D. |
| WNC | Cheesman, W. N. | RL | Lewis, R. |
| EC | Chicken, E. | CL | Lowe, C. |
| PJC | Cook, P. J. | KM | McDowell, K. |
| DC | Coverdale, D. | CM | McGregor, C. |
| ERC | Cross, E. R. | BM | Mallison, B. |
| JC | Cudworth, J. | AM | Marshall, A. |
| HJD | Davis, H. J. | JJM | Marshall, J. J. |
| ND | Deall, N. | WRM | Meek, W. R. |
| TD | Dennis, T. | JM | Merryweather, J. |
| JKD | Dews, J. K. | TFM | Medd, T. F. |
| TED | Dixon, T. E. | KMM | Middleton, K. M. |
| ATD | Dobson, A. T. | PM | Middleton, P. |
| WRD | Dolling, W. R. | RM | Middleton, R. |
| SD | Donaghy, S. | HRM | Mosier, H. M. |
| ED | Drabble, E. | ABM | Mowat, A. B. |
| PD | Dunning, P. | JN | Newbould, J. |
| RAE | Eades, R. A. | TN | Normandale, T. |
| SCE | Elliott, S. C. | PN | Nuttall, P. |
| KF | Fenton, K. | HFP | Parsons, H. F. |
| RF | Frith, R. | BP | Pashby, B. |
| MJYF | Foley, M. J. Y. | SP | Pashby, S. |
| PAG | Gardam, P. A. | EJP | Payne, E. J. |
| CIG | Gillings, C. I. | EAP | Peak, E. A. |

| | |
|-------------|------------------------------|
| TP | Petch, T. |
| MP | Pilsworth, M. |
| CDP | Preston, C. D. |
| HP | Proctor, H. |
| GP | Purchas, Miss G. |
| RR | Rafe, R. |
| GR | Roberts, G. |
| JRu | Rudd, J. |
| JR | Rushton, J. |
| MMS | Sayer, M. M. |
| JDS | Shanklin, J. D. |
| JS | Simmons, J. |
| KS | Sheehan, K. |
| GS | Simpson, G. |
| MBS | Slater, M. B. |
| WAS | Sledge, W. A. |
| AMS | Smith, A. M. |
| GS | Smith, G. |
| HNHS | Hull Natural History Society |
| MT | Thompson, M. |

| | |
|------------|--|
| SAT | Tolhurst, S. A. |
| CT | Toohie, C. |
| CV | Vaughan, C. |
| KW | Walker, K. |
| CW | Waterfall, C. |
| EHW | Wear, E. H. |
| SW | White, S. |
| HJW | Wilkinson, H. J. |
| CCW | Wilson, C. C. |
| GW | Wilmore, G. |
| PQW | Winter, P. Q. |
| DW | Wood, D. |
| MW | Woods, M. |
| MY | Yates, M. |
| YNU | Yorkshire Naturalists' Union field meeting. |
| DAW | Wilkins, D. A. |
| ! | Seen by the author(s) here |
| * | Known introduction |

Acknowledgements

The authors are greatly indebted to the many recorders who have provided the raw data on which this account is based. We sincerely hope that they will be spurred into action by the obvious gaps that have been revealed in our knowledge and that it will result in a deluge of records to make the next edition an accurate reflection of the distribution of South-east Yorkshire's rare and scarce plants.

Notes for 2nd edition 2014

The only changes made in this edition are to some of the taxon tables and maps which have been updated to reflect new records made in 2013.

Notes for 3rd edition 2015

Over the last year the systematic recording of the vice-county for the Atlas 2020 project has produced many new records. This has resulted in the following status changes -

Re-discovered Extinct taxa

Silene gallica
Dipsacus pilosus
Spirodela polyrhiza

Rare taxa which are now considered Scarce

Ononis spinosa
Parnassia palustris
Epilobium roseum
Tilia platyphyllos
Oenanthe crocata
Petroselinum segetum
Potamogeton polygonifolius
Catapodium marinum
Polygonum arenastrum

Taxa which are considered to be Secure

Ranunculus lingua
Rorippa palustris
Myosotis ramosissima
Arctium lappa
Artemisia maritima
Viburnum lanata
Torilis nodosa
Bromus commutatus
Silene noctiflora
Euphorbia exigua
Legousia hybrida
Viola tricolor
Veronica agrestis

LYCOPHYTES

LYCOPODIACEAE

Lycopodiella inundata (L.) Holub
Marsh Clubmoss
Status: Regionally Extinct

Reputedly from Langwith Moor (Cheetham & Sledge 1941);
no confirmed records.

Lycopodium clavatum L.
Stag's-horn Clubmoss
Status: Regionally Extinct

Last record-
Houghton Woods SE88-36- 1953 RDG

SELAGINELLACEAE

Selaginella selaginoides (L.) P. Beauv.
Lesser Clubmoss
Status: Regionally Extinct

Last record-
Near Newbald Springs SE91-37- 1900 JFR

ISOETACEAE

Isoetes lacustris L.
Quillwort
Status: Regionally Extinct

Last record-
Riccald Common SE6--3-- <1900 WNC

EUSPORANGIATE FERNS

OPHIOGLOSSACEAE

Ophioglossum vulgatum (L.)
Adder's-tongue
Status: Regionally Scarce



Hornsea Mere TA181461 2013 JHB
Priory Meadows TA055315 2013 RM
Wharram Quarry SE861651 2011 GJ
Cliffe Hill Wood SE877360 2010 GW&KM

Goodmanham Dale SE91-43- 2009 JK
Calvert Lane railway triangle TA061292 2009 PAA
Speeton Cliffs TA15-75 2003 GIG

Botrychium lunaria (L.) Sw.
Moonwort
Status: Regionally Extinct

Last record-
Thorpe Hall! TA10-67- 1988 PAG

CALAMOPHYTES

EQUISETACEAE

Equisetum hyemale (L.)
Rough Horsetail
Status: Regionally Extinct

Last record-
Bubwith SE7--3-- c1887 GR

Equisetum x litorale Kühlew. ex Rupr.
Shore Horsetail
Status: Regionally Extinct

Last record-
Brandesburton pit 14 ?TA10-46- 1981 FEC

LEPTOSPORANGIATE FERNS

OSMUNDACEAE

Osmunda regalis L.
Royal Fern
Status: Regionally Rare

Skipwith Common SE63N 2014 HNHS
Winestead (planted?) TA317247 2008 PJC

Langwith Common SE6--4-- 1965 GB

MARSILEACEAE

Pilularia globulifera L.
Pillwort
Status: NT, BAP, Nationally Scarce, Regionally Rare

Last record-
Skipwith Common SE648375 1999 RVL

The plant was not found at this site when visited by the
YNU in 2010.

ASPLENIACEAE

Asplenium marinum L.

Sea Spleenwort
Status: Regionally Rare

Hull waterfront, tidal basin TA098281 2014 HNHS

The plant was unknown in the vice-county until 2004.

Asplenium ceterach L.

Rustyback
Status: Regionally Rare/Extinct

Allderidge Avenue, Hull TA074310 2004 RM

THELYPTERIDACEAE

Thelypteris palustris Schott

Marsh Fern
Status: Nationally Rare

Kelleythorpe TA012561 2012 PJC
Pulfin! TA049440 1983 EHW

Phegopteris connectilis (Michx.) Watt

Beech Fern
Status: Regionally Extinct

No authenticated and well localised records.

Oreopteris limbosperma (All.) Holub

Lemon-scented Fern
Status: Regionally Rare

Skipwith Common SE63N 2014 HNHS
Houghton Moor SE8--3-- 1988 BSBI

WOODSIACEAE

Gymnocarpium dryopteris (L.) Newman

Oak Fern
Status: Regionally Extinct

Last record-
Near Sledmere SE9--6-- 1897 TA

Gymnocarpium robertianum (Hoffm.) Newman

Limestone Fern
Status: Regionally Rare/Extinct

Last record-
Foggathorpe rly. station SE754372 1984 JM

Cystopteris fragilis (L.) Bernh.

Brittle Bladder-fern
Status: Regionally Rare

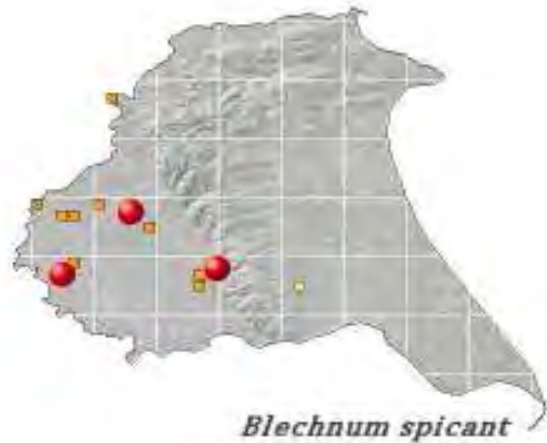
Patrington rly. station TA307233 2002 PJC

Previously also known from Burstwick station on the same disused railway line (TA224271 1956 ABM).

BLECHNACEAE

Blechnum spicant (L.) Roth

Hard-fern
Status: Regionally Scarce



Skipwith Common west SE63N 20014 HNHS
Houghton Moor SE897380 2010 GW&KM
Allerthorpe Common SE760478 2008 GW

DRYOPTERIDACEAE

Polystichum setiferum (Forsk.) T. Moore ex Woyn.

Soft Shield-fern
Status: Regionally Scarce

Holmpton TA368238 2014 PJC
York-Selby track, Escrick SE619401 2012 PJC
Spring Dale SE84W 2010 RM
Lund Moor Wood SE983488 2010 RM

Polystichum aculeatum (L.) Roth

Hard Shield-fern
Status: Regionally Scarce

Speeton cliffs TA17M 2014 RM
Danes Dyke, Flamborough TA213713 2013 RM&JS
Filey TA118798 2013 JK
Acklam SE787616 2011 JK
Londesborough Park SE870458 2011 JK
Nunkeeling Lane TA14-49- 2011 RM
Mill Avenue TA19-37- 2009 PJC
Wycliffe, North Plantation TA185383 2009 PJC
Humber Bridge Country Park TA01-25- 2009 RM

Dryopteris affinis agg. (Lowe) Fraser-Jenk.

Scaly Male-fern
Status: Regionally Scarce

Old Wood TA17-36- 2009 PJC
Dismantled rly. junction, Hull TA057292 2008 PAA
Danes Dyke, Flamborough TA21-69- 2007 RM

Scaly Male-ferns are regionally scarce and the status of the separate taxa which comprise the aggregate is poorly known.

Dryopteris cambrensis (Fraser-Jenk.) Beitel & W.R. Buck
Narrow Male-fern
Status: Regionally Rare

Fish Ponds Wood TA145675 1987 EC

Dryopteris borrieri
(Newman) Newman ex Oberh. & Tavel
Borrer's Male-fern
Status: Regionally Scarce

Skipwith Common SE63N 2014 HNHS
Lowthorpe Beck, Harpham TA085613 2009 PJC
Cowden, Collin Hill TA231414 2001 PJC
Harpham Moor TA16A 1987 EC

Although both the Cowden and Harpham specimens agree with the descriptions given for *Dryopteris affinis* subsp. *borrieri* according to Stace (1st Edition 1991), material from both places needs to be examined by the more robust key to the group (Byrne, Pullen and Fraser-Jenkins, 2008). This may be true for all *D. affinis* group records.

Dryopteris cristata (L.) A. Gray
Crested Buckler-fern
Status: CR, BAP, Nationally Rare, Regionally Extinct

Last record-
Firby SE7--6-- 1923 GP

POLYPODIACEAE

Polypodium vulgare L.
Polypody
Status: Regionally Rare

Halsham TA287273 2007 WRD

Polypodium interjectum Shivas
Intermediate Polypody
Status: Regionally Scarce

Wawne TA092368 2015 RM
Holderness House, Hull TA116305 2015 RM
Withernsea TA32N 2014 PJC
Spurn TA419148 2012 RM
Green Lane, Hull TA098296 2011 RM
Huggate SE883553 2007 RM
Burton Agnes TA10-63- 2006 RM

EU-DICOTS

CERATOPHYLLACEAE

Ceratophyllum submersum L.
Soft Hornwort
Status: Regionally Rare

Pocklington Canal SE785452 1986 SAT

Also recorded by SAT at several other points along the canal.

PAPAVERACEAE

Papaver argemone L.
Prickly Poppy
Status: VU, Regionally Scarce



Potter Brompton! SE983769 2014 CCW&TN
Fordon TA060747 2014 TN
Potter Brompton! SE977773 2013 HNHS
Hunmanby TA100745 2013 CCW&TN
Staxton Brow TA016785 2012 PJC
Willerby Carr TA003787 2012 PJC
West Knapton verge SE873752 2009 EC& PJC
North Cave wetlands reserve SE884323 2004 DJB
Rillington SE85-73- 2002 MH
Staxton sand pit TA02-79- 1995 CCW

Meconopsis cambrica (L.) Vig.
Welsh Poppy
Status: Nationally Scarce

Not native but occasionally found as a garden escape. More than ten sites since 1990.

Glaucium flavum Crantz
Yellow Horned-poppy
Status: Regionally Extinct

Last record-
Spurn Head NNR TA40-11- 2000 PJC

Fumaria muralis Sond. ex W.D.J. Koch
Common Ramping-fumitory
Status: Regionally Extinct

Last record-
Skipwith SE6--3-- 1878 HFP

Fumaria purpurea Pugsley
Purple Ramping-fumitory
Status: BAP, Regionally Extinct

Last record-
Skipwith SE65-38- 1912 anon.

***Fumaria densiflora* DC.**

Dense-flowered Fumitory
Status: Regionally Rare

Fordon TA056754 2014 TN
West Knapton SE874746 2011 CIG

***Fumaria parviflora* Lam.**

Fine-leaved Fumitory
Status: VU, Nationally Scarce, Regionally Scarce

Staxton Brow TA016785 2012 PJC
+Fordon TA055757 2011 CIG
Potter Brompton SE973762 2009 CIG
Wolds Way, Potter Brompton SE973761 2008 CIG
Wolds Way, East Heselton SE93-75- 2004 CCW
West Knapton Wold SE89-74- 2002 JRu
Ganton Wold SE97-75- 2002 JRu

+ several sites in the area.

***Fumaria vaillantii* Loisel.**

Few-flowered Fumitory
Status: VU, Regionally Rare

Fordon TA055757 2011 CIG

This is the first and only record of the taxon; determined by R. J. Murphy.

RANUNCULACEAE

***Helleborus foetidus* L.**

Stinking Hellebore
Status: Nationally Scarce, Regionally Rare

Ganton Station SE981768 2013 CIG
Humber Bridge Country Park TA105246 1991 FEC

Known at the latter site since 1931 but probably an introduction.

***Helleborus viridis* L.**

Green Hellebore
Status: Regionally Rare

Bishop Wilton SE802584 2014 JK
Routh TA092425 2011 RM

***Actaea spicata* L.**

Baneberry
Status: Nationally Scarce, Regionally Rare

Beckhead Plantation SE816536 2012 PJC
Millington Wood SE836536 2009 CT

Spel Howe in 1983 (YNU)

***Ranunculus parviflorus* L.**

Small-flowered Buttercup
Status: Regionally Rare

South Fordon Fm., Fordon TA0--7-- 2014 TN
West End Farm, Muston TA0--7-- 2009 PW
Frais Thorpe TA169172 2006 RM
Welwick, Haverfield Quarry TA320201 1996 WRD

***Ranunculus arvensis* L.**

Corn Buttercup
Status: CR, Regionally Rare

Burdale SE898607 2014 GJ
Weel! TA070404 2002 IAA
North Duffield Carrs SE--63-- 1995 TED

This taxon has been introduced at several sites by the Cornfield Flowers Project.

***Ranunculus lingua* L.**

Greater Spearwort
Status: Regionally secure

Although this appeared in previous editions of the RPR, there are now enough modern records to remove it. It does, however, seem to be a plant that is deliberately introduced so its status is probably more precarious than it would seem.

***Ranunculus hederaceus* L.**

Ivy-leaved Crowfoot
Status: Regionally Rare

Heslington Tillmire SE63-47- 2013 RM
Hoddy Cows Marsh! TA182738 2011 HNHS

***Ranunculus baudotii* Godr.**

Brackish Water-crowfoot
Status: Regionally Scarce

Long Bank, Kilnsea TA41D 2014 PJC
Skeffling TA31U 2014 PJC
Kilnsea TA403165 2013 PJC
Kilnsea Beacon Lagoons TA411169 2012 PJC
Kilnsea! TA417151 2011 YNU
North Cave Wetlands! SE880330 2010 RG

***Ranunculus aquatilis* L.**

Common Water-crowfoot
Status: Regionally Scarce

Figham Common TA058379 2014 GJ
Arram Carrs TA048444 2009 KS
Watton Abbey Field TA020499 2009 KS
Beverley, Swine Moor TA04K 2006 RM

***Ranunculus peltatus* Schrank**

Pond Water-crowfoot
Status: Regionally Scarce

Long Bank, Kilnsea TA41D 2014 PJC
Roos TA22Z 2014 PJC
Fish Ponds Wood TA144675 2013 PJC
Magdalen Grange, Gristhorpe TA085808 2012 CIG
Broomfleet Brick Pits SE862282 2011 GW
North Cave wetlands reserve! SE887332 2003 RG

***Ranunculus penicillatus* (Dumort.) Bab.**

Stream Water-crowfoot
Status: Regionally Scarce/Secure

West Beck, Chesney Farm TA040568 2002 RG
River Hull, Tickton TA05-42- 2002 RG

The colonies may be very large; status regarded as secure.

Ranunculus fluitans Lam.
River Water-crowfoot
Status: Regionally Rare/Extinct

Last record-
River Derwent, Elvington SE7—4-- 1973 YNU

Myosurus minimus L.
Mousetail
Status: VU, Regionally Rare

Ellerton SE698410 2009 MY
Burton Constable Estate TA18-38- 1999 MH

Adonis annua L.
Pheasant's-eye
Status: Endangered, BAP, Nationally Scarce

Has occurred as a casual alien in Bridlington (Robinson 1902).

BUXACEAE

Buxus sempervirens L.
Box
Status: DD, Nationally Rare, Planted?

*Millington Dale! SE842533 2013 HNHS
*Lodge Plantation SE880394 2010 GW&KM
*Sand Walk Wood SE883389 2010 GW&KM
*Fox Covert, Bishop Wilton SE785554 2009 PM
*Kilwick Percy N. Plantation SE833510 2009 CL
*Letterbox Plantation SE775467 2009 PM
*Thornham Hill Gravel Pit TA112595 2009 PM
*Waplington SE778468 2009 PM
*Wycliffe, North Plantation TA185383 2009 PJC
*Deepdale Plantation SE950400 2008 KS.
*High Wood, Warter SE847499 2008 GW

All of the above records are deliberate plantings. It is unlikely that native populations are present.

GROSSULARIACEAE

Ribes alpinum L.
Mountain Currant
Status: Nationally Rare

Well Dale SE865530 2007 CL
Brantingham SE947297 2002 PJC

SAXIFRAGACEAE

Saxifraga granulata L.
Meadow Saxifrage
Status: Regionally Rare

Wauldby Scrogs SE985301 2013 RM
Settrington Church Yard SE839703 2009 KMM
Hotham Hall! SE896336 2006 IAA
West Heselton SE 9--7-- 2000 MH

The Wauldby Scrogs colony is confirmation of an old record. The Settrington plants are likely to have been a deliberate introduction.

Saxifraga hypnoides L.
Mossy Saxifrage
Status: VU

In 1964 this plant was found as a deliberate introduction to a wild situation in SE65; it is unlikely to have survived.

Saxifraga tridactylites L.
Rue-leaved Saxifrage
Status: Regionally Scarce

Wheldrake SE690446 2011 RM
Breckstreet Farm Airfield SE768415 2010 GW&KM
Dalton SE95-45- 2009 GW&KM
Haverfield Quarry, Welwick TA329195 2007 PJC

Most recent records relate to disturbed environments. Is seed being imported to the county with limestone aggregate?

Chrysosplenium oppositifolium L.
Opposite-leaved Golden-saxifrage
Status: Regionally Scarce



Bella Farm - Wharram Percy SE86-64- 2010 RM
Crow Wood SE787569 2009 PM
Grimthorpe Wood SE811524 2009 CL
North Grimston SE84-67- 2006 RM

Chrysosplenium alternifolium L.
Alternate-leaved Golden-saxifrage
Status: Regionally Extinct

Last record-
Moreby Park SE6--4-- 1929 HB

CRASSULACEAE

Sedum telephium L.
Orpine
Status: Regionally Extinct

Last record-
Asselby, disused railway SE7--2-- 1983 YNU

***Sedum rupestre* L.**
 Reflexed Stonecrop
 Status: Regionally Rare

Stoneferry, Hull TA102313 2012 RM

***Sedum forsterianum* Sm.**
 Rock Stonecrop
 Status: Nationally Scarce

The plant has been reported but only as a garden escape.

HALORAGACEAE

***Myriophyllum verticillatum* L.**
 Whorled Water-milfoil
 Status: VU, Regionally Scarce

Dyke by Sallymere, Marton TA177382 2009 PJC
 Sandholme Bridge TA100450 2005 RG
 Leven Canal TA096450 2005 RG
 Figham, Barmston Drain TA057392 2005 RG
 Figham, Barmston Drain TA060387 2005 RG
 Broomfleet Washlands SE868282 2003 MH

***Myriophyllum alterniflorum* DC.**
 Alternate Water-milfoil
 Status: Regionally Extinct

Last record-
 Sandholme SE8--3-- 1958 RDG

FABACEAE

***Astragalus danicus* Retz.**
 Purple Milk-vetch
 Status: EN, BAP, Regionally Rare



North Dale, Fordon TA041767 2013 CIG
 Fordon! TA046752 2004 RA

***Astragalus glycyphyllos* L.**
 Wild Liquorice
 Status: Regionally Extinct

Last record-
 North Cave! SE884325 1988 BSBI

***Onobrychis viciifolia* Scop.**
 Sainfoin
 Status: NT, Regionally Rare

Creyke Beck Substation TA044349 2007 AC

Also as a known introduction at Old Rectory Farm, Nunburnholme.

***Lotus tenuis* Waldst. & Kit. ex Willd.**
 Narrow-leaved Bird's-foot-trefoil
 Status: Regionally Scarce

Long Bank, Kilnsea TA41D 2014 PJC
 Skeffling TA31U 2014 PJC
 Salt End TA163286 2007 RM
 Cherry Cobb Sands TA195231 2004 MH
 Patrington Haven TA318180 2004 MH
 Humber Bank, Kilnsea TA404163 2004 PJC
 St Andrew's Quay, Hull! TA066265 2003 HNHS
 Spurn Head NNR TA405114 2001 MH

The status of this taxon in the vice-county has been discussed by P J Cook (2005).

***Ornithopus perpusillus* L.**
 Bird's-foot
 Status: Regionally Scarce



Allerthorpe Common SE752474 2014 EYBC
 Potter Brompton! SE983769 2014 CCW&TN
 Calley Heath, Barmby Moor SE751496 2008 PJC
 Hull, river mouth TA10-28- 2006 RM
 North Cliffe Wood SE83T 2006 RM
 West Knapton, Sands Wood SE87-75- 2005 RM

***Hippocrepis comosa* L.**
 Horseshoe Vetch
 Status: Regionally Rare

Vessey Pasture Dale SE830623 2012 JK
 Thixendale SE816617 2011 JK

***Vicia sylvatica* L.**
 Wood Vetch
 Status: Regionally Extinct

Last record-
 Pocklington Wood SE81-50- 1961 FEC

***Vicia lathyroides* L.**
Spring Vetch
Status: Regionally Scarce

| | | | |
|---------------------------|----------|------|-----|
| Potter Brompton | SE980772 | 2012 | CIG |
| Staxton, west sand pit | TA011790 | 2005 | CIG |
| West Knapton, Sands Wood | SE87-75- | 2005 | RM |
| Spurn NNR Ch. Bank & War. | TA41-12- | 2000 | PJC |

***Vicia lutea* L.**
Yellow-vetch
Status: NT, Nationally Scarce

Recorded by CW as an alien on the Hull Docks (Wilson 1938), long extinct.

***Lathyrus linifolius* (Reichard) Bässler**
Bitter-vetch
Status: Regionally Rare

| | | | |
|-----------------------|----------|------|-----|
| Burton Constable Park | TA189369 | 2013 | JH |
| Longdale, Thixendale | SE836604 | 2010 | PJC |
| Beverley Westwood | TA01-39- | 2010 | RM |

***Lathyrus palustris* L.**
Marsh Pea
Status: Nationally Threatened, Nationally Scarce,
Regionally Rare

| | | | |
|-------------------|----------|------|-----|
| Wassand | TA177466 | 2011 | DC |
| Pulfin | TA049439 | 1995 | RM |
| Pocklington Canal | SE727455 | 1986 | SAT |

***Lathyrus hirsutus* L.**
Hairy Vetchling
Status: Nationally Rare, Regionally Rare

| | | | |
|-----------------|----------|------|----|
| Oppe Wood, Hull | TA060333 | 2011 | RL |
|-----------------|----------|------|----|

Only known in the vice-county as an alien.

***Lathyrus nissolia* L.**
Grass Vetchling
Status: Regionally Extinct

| | | | |
|-------------------------------|----------|-------|--|
| Last record- Sigglesthorne | TA1--4-- | c1800 | |
|-------------------------------|----------|-------|--|

***Lathyrus aphaca* L.**
Yellow Vetchling
Status: VU, Nationally Scarce

A grain alien, not persisting. No recent records

***Ononis spinosa* L.**
Spiny Restharrow
Status: Regionally Scarce

| | | | |
|------------------|----------|------|------|
| Paul Holme | TA169254 | 2014 | BSBI |
| Patrington Haven | TA32A | 2014 | PJC |
| Welton Water! | SE955247 | 2012 | HNHS |
| Station Farm | TA058580 | 2009 | CL |

***Medicago sativa* subsp. *falcata* (L.) Arcang.**
Sickle Medick
Status: Nationally Scarce, Regionally Rare

| | | | |
|-------|----------|------|-------|
| Spurn | TA406117 | 2010 | DW&MW |
|-------|----------|------|-------|

Only known in the vice-county as an alien.

***Medicago polymorpha* L.**
Toothed Medick
Status: Nationally Scarce, Regionally Extinct

| | | | |
|---------------------------------------|----------|------|-----|
| Last record- Beet fields, Thornton | SE7--4-- | 1981 | FEC |
|---------------------------------------|----------|------|-----|

Only known in the vice-county as an alien.

***Trifolium suffocatum* L.**
Suffocated Clover
Status: Nationally Scarce, Regionally Rare

| | | | |
|----------------|----------|------|-------|
| Kilnsea Warren | TA418149 | 2010 | DW&MW |
|----------------|----------|------|-------|

***Trifolium fragiferum* L.**
Strawberry Clover
Status: Regionally Rare



| | | | |
|-----------------------|----------|------|-------|
| Long Bank, Kilnsea | TA41D | 2014 | PJC |
| Kilnsea | TA41-15- | 2010 | DW&MW |
| Bilton, ASDA Car Park | TA13L | 1991 | WRD |

***Trifolium micranthum* Viv.**
Slender Trefoil
Status: Regionally Scarce

| | | | |
|--------------------------|----------|------|-----|
| Withernsea | TA32N | 2014 | PJC |
| Ivy House Centre, Hollym | TA344250 | 2012 | PJC |
| Holderness House | TA116304 | 2009 | RM |
| Lawn area Molescroft | TA021409 | 2000 | PJC |
| West Knapton | SE8--7-- | 1996 | MH |

Probably under-recorded, increasing as a lawn weed (Cook 2008).

***Trifolium striatum* L.**

Knotted Clover
Status: Regionally Scarce

| | | | |
|-----------------------------|----------|------|--------|
| Potter Brompton! | SE983769 | 2014 | CCW&TN |
| Castle Hill, Cottingham | TA03G | 2014 | RL |
| Withernsea, South promenade | TA348272 | 2014 | PJC |
| Spurn Head NNR | TA41-12- | 2010 | DW&MW |
| Haverfield Quarry, Welwick | TA329195 | 2007 | PJC |
| Hull, river mouth | TA10-28- | 2006 | RM |
| Staxton, east sand pit | TA023793 | 2005 | CCW |

***Trifolium scabrum* L.**

Rough Clover
Status: Regionally Rare

| | | | |
|------------------------|----------|------|------|
| Humber Bank, Skeffling | TA31Y | 2014 | BSBI |
| Haverfield (see next) | TA31Y | 2014 | PJC |
| Welwick Bank! | TA327196 | 2011 | HNHS |

***Trifolium subterraneum* L.**

Subterranean Clover
Status: Regionally Extinct

| | | | |
|-------------------|----------|------|----|
| Hull, river mouth | TA10-28- | 2006 | RM |
|-------------------|----------|------|----|

Site now developed.

***Genista anglica* L.**

Petty Whin
Status: NT, Regionally Extinct

| | | | |
|-------------------------------------|----------|------|-----|
| Last record- Allerthorpe Common! | SE761476 | 1986 | EHW |
|-------------------------------------|----------|------|-----|

***Genista tinctoria* L.**

Dyer's Greenweed
Status: Regionally Extinct

| | | | |
|-----------------------|----------|------|----|
| Last record- Risby | TA0--3-- | 1957 | CV |
|-----------------------|----------|------|----|

POLYGALACEAE***Polygala serpyllifolia* Hosé**

Heath Milkwort
Status: Regionally Rare

| | | | |
|--------------------|----------|------|------|
| Allerthorpe Common | SE758479 | 2003 | PJC |
| Hotham Carrs | SE86-34- | 1988 | BSBI |

ROSACEAE***Crataegus laevigata* (Poir.) DC.**

Midland Hawthorn
Status: Regionally Rare

| | | | |
|-------------------------|----------|------|----|
| Crake Dale | SE991682 | 2010 | CL |
| North Dalton | SE932526 | 2009 | CL |
| Sandfield Closes, Wawne | TA086378 | 2007 | RA |

***Rubus saxatilis* L.**

Stone Bramble
Status: Regionally Rare

| | | | |
|-----------------------|----------|------|-----|
| Home-on-Spalding-Moor | SE82-39- | 1987 | EHW |
|-----------------------|----------|------|-----|

***Potentilla argentea* L.**

Hoary Cinquefoil
Status: NT

Has been recorded as a casual alien on the Hull Docks, 1933
AKW (Wilson 1938).

***Potentilla tabernaemontani* Asch.**

Spring Cinquefoil
Status: Nationally Scarce, Regionally Rare

| | | | |
|------------------|----------|------|----|
| Fordon, Can Dale | TA0--7-- | 2009 | MH |
|------------------|----------|------|----|

***Potentilla anglica* Laichard.**

Trailing Tormentil
Status: Regionally Rare

| | | | |
|--------------|----------|------|------|
| Hotham Carrs | SE86-34- | 1988 | BSBI |
| Common Wood | SE814315 | 1988 | EHW |

In view of the number of sites given by Crackles (1990) it seems likely that it is often overlooked.

***Potentilla x mixta* sens. lat.**

Hybrid Cinquefoil
Status: Regionally Rare

| | | | |
|-----------------|----------|------|------|
| Priory Meadows! | TA054314 | 2013 | BSBI |
| Well Dale | SE865530 | 2007 | CL |
| Hudson Way | TA0042 | 2000 | JKD |

The Priory meadows specimen is almost certainly *P. x italica*

***Comarum palustris* L.**

Marsh Cinquefoil
Status: Regionally Scarce



| | | | |
|----------------------------|----------|------|------|
| Allerthorpe Common | SE761474 | 2014 | EYBC |
| Heslington Tillmire | SE63-47- | 2013 | RM |
| Sunderlandwick Oxbow marsh | TA011557 | 2012 | PJC |
| Wassand | TA177466 | 2011 | PJC |
| Thornton Ellers! | SE73-45- | 2010 | YNU |
| Wansford Marsh | TA047569 | 2009 | PJC |
| Skipwith Common | SE63N | 2009 | RA |
| Hotham Carrs | SE861329 | 2002 | RG |

Agrimonia procera Wallr.

Fragrant Agrimony
Status: Regionally Rare

Hagg Wood, Dunnington SE68-52- 1996 MH

Previously known from Fish Ponds Wood, Risby 1957
RDG

Alchemilla vulgaris agg.

The individual species which form this aggregate are not particularly well known and the data should be treated cautiously.

Alchemilla xanthochlora Rothm.

Intermediate Lady's-mantle
Status: Regionally Scarce

Dalton Wood SE951451 2009 GW
Ashlack Wood & Railway Line SE906460 2008 GW
Warter Priors SE855497 2008 GW
Eastrington Ponds SE780297 2007 GW

Alchemilla filicaulis Buser

Hairy Lady's-mantle
Status: Regionally Rare

North Newbald SE93D 2014 HNHS
Cottingham, north! TA04-33- 2011 HNHS

Alchemilla glabra Neygenf.

Smooth Lady's-mantle
Status: Regionally Extinct

Last record-
Black Plantation, Holme-on-Spalding-Moor
SE79-36- 1857 RDG

Rosa pimpinellifolia L.

Burnet Rose
Status: Regionally Scarce

St Andrew's Quay, Hull TA06-26- 2014 HNHS
Nine Springs Dale SE868695 2011 JK
Butcher Haven TA12-77- 2006 RM
Primrose Valley TA17J 2006 RM

Rosa caesia Sm.

Hairy Dog-rose
Status: Regionally Rare

Kilham TA078647 1999 EC
Boynton TA132693 1987 EC
Woodhall SE69-31- 1985 EC

The Kilham plant was determined as *R. caesia* subsp. *vosagiaca*, the other two as *R. caesia* subsp. *caesia*.

Rosa obtusifolia Desv.

Round-leaved Dog-rose
Status: Regionally Rare

Harpham Moor 1987 EC
Fangfoss SE74-52- 1982 EC

Rosa sherardii Davies

Sherard's Downy-rose
Status: Regionally Rare

Muston TA095802 2012 CIG
Butterwick-Sherburn SE974736 1989 EC
Hunmanby Gap TA132772 1980 EC

Rosa mollis Sm.

Soft Downy-rose
Status: Regionally Rare

Burton Flemming TA078732 2008 CIG

Rosa rubiginosa L.

Sweet-briar
Status: Regionally Scarce

Cottingham North TA04-33- 2011 HNHS
Spurn Head NNR TA41-12- 2010 DW&MW
*Ferry Road, Wawne TA082372 2006 RA
Stoneferry, Hull TA103313 2006 RM

The distribution of native specimens is now difficult to establish as it seems to be planted by utility companies in hedgerow restoration work.

Rosa micrantha Borrer ex Sm.

Small-flowered Sweet-briar
Status: Regionally Rare

Woldgate TA140671 1980 EC

Specimen determined by A. L. Primavesi.

ELAEAGNACEAE

Hippophae rhamnoides L.

Sea-buckthorn
Status: Nationally Scarce, Regionally secure.

Only considered native near Spurn where it was first recorded in 1884. It is now frequently found along the Humber bank to Weeton. Frequent roadside plantings have increased the number of records considerably with bird-sown seedlings being common around Hull.

MYRICACEAE

Myrica gale L.

Bog-myrtle
Status: Regionally Extinct

Nineteenth Century records from Langwith, Houghton Moor and Sutton upon Derwent (Crackles 1990).

PARNASSIACEAE

Parnassia palustris L.

Grass-of-Parnassus
Status: Regionally Scarce

Speeton cliffs TA154753 2014 RM
Reighton Gap TA141763 2014 SW
Primrose Valley – Filey TA122788 2013 GJ
Muston Sands TA119794 2006 RM

All known sites now in Filey Bay where it may be abundant.

EUPHORBIACEAE

***Euphorbia exigua* L.**

Dwarf Spurge
 Status: Nationally Near Threatened, Regionally Secure

This taxon appeared in the first two editions of the RPR but by 2014 there were enough records to re-classify it as secure.

***Euphorbia cyparissias* L.**

Cypress Spurge
 Status: Regionally Extinct

Last "native" record-
 Millington SE8--5-- 1954 JFH-S

SALICACEAE

The Willows and Poplars of the vice-county have not been critically examined and the following treatment probably paints an over-pessimistic picture of their status. No assessment of the native Black-poplar (*Populus nigra*) or hybrid Willows has been attempted.

***Salix pentandra* L.**

Bay Willow
 Status: Regionally Scarce

West of Sancton! SE893389 2014 HNHS
 Spring Dale SE84W 2010 JK
 Kelleythorpe marshes TA013561 2010 PJC
 Little Driffield Beck TA011575 2009 PJC
 The Bottoms, Wansford TA037567 2009 PJC

***Salix triandra* L.**

Almond Willow
 Status: Regionally Scarce

Skeffling, Burstall Bank TA363184 2014 PJC
 Paul Holme Copse TA187250 2010 JC
 River Hull, Little Driffield TA0157 2006 DB
 Owsethorpe TA83A 2003 PJC

***Salix purpurea* L.**

Purple Willow
 Status: Regionally Extinct?

Last record:-
 Boynton TA16I 1988 EC

***Salix aurita* L.**

Eared Willow
 Status: Regionally Rare

Bielby SE787440 2013 HNHS
 Wharram Quarry SE859652 2011 GJ
 Top Hill Low TA072487 2009 KS
 Sand Pit, South Newbald SE912356 2008 KS

***Salix repens* L.**

Creeping Willow
 Status: Regionally Scarce



Allerthorpe Common SE75-47- 2014 EYBC
 Skipwith Common SE63N 2014 HNHS
 Allerthorpe Common SE76-47- 2013 RM
 South Cliffe Common SE860350 2010 GW&KM
 Holme-on-Spalding-Moor SE83J 2003 PJC

VIOLACEAE

***Viola canina* L.**

Heath Dog-violet
 Status: NT, Regionally Rare

Spurn Head NNR TA416127 2010 MW&DW
 Heslington Tilmire SE63-47- 2004 Mh

Older records from Allerthorpe Common (SE74)

***Viola palustris* L.**

Marsh Violet
 Status: Regionally Rare



Thornton Ellers SE73-45- 2010 YNU
 Houghton Moor SE897380 2010 GW&KM
 Snake Hall SE8--3-- 1981 YNU

***Viola tricolor* L.**

Wild Pansy
Status: Regionally Secure

This taxon appeared in the first two editions of the RPR. There are now enough post-2000 records to re-classify it as Regionally Secure.

LINACEAE

***Linum perenne* L.**

Perennial Flax
Status: Nationally Scarce, Regionally Scarce

| | | | |
|---------------|----------|------|------|
| Pasture Dale! | SE859545 | 2010 | HNHS |
| Burdale | SE873620 | 1991 | MC |
| Duggleby Wold | SE868694 | 1990 | MJYF |
| Sherburn Wold | SE969791 | 1990 | MJYF |

Few recent records but is likely to be overlooked and still present at the older sites.

***Radiola linoides* Roth**

Allseed
Status: Nationally Threatened, Regionally Rare/Extinct

Last record-
Allerthorpe Common SE7--4-- 1985 CH

HYPERICACEAE

***Hypericum x desetangii* Lamotte**

Des Etangs' St John's-wort
Status: Regionally Rare

| | | | |
|---------------------------|----------|------|-----|
| Top Hill Low | TA070476 | 2012 | YNU |
| Frodingham Lane, Rimswell | TA318265 | 2009 | PJC |
| Byway west of Holmpton | TA354224 | 2009 | PJC |

***Hypericum humifusum* L.**

Trailing St John's-wort
Status: Regionally Rare

| | | | |
|-----------------------------|----------|------|-----|
| Allerthorpe Common | SE763474 | 2008 | RM |
| Wheldrake Wood! | SE662469 | 2004 | YNU |
| The Moors, Burton Constable | TA1--3-- | 1988 | YNU |



***Hypericum montanum* L.**

Pale St John's-wort
Status: Nationally Threatened, Regionally Rare

Millington Dale North Road Verge SE858546 2007 GW

***Hypericum elodes* L.**

Marsh St John's-wort
Status: Regionally Rare

| | | | |
|------------------------|----------|------|-----|
| West End Farm, Harpham | TA085615 | 2011 | GJ |
| Allerthorpe Common | SE761473 | 2003 | PJC |

GERANIACEAE

***Geranium rotundifolium* L.**

Round-leaved Crane's-bill
Status: Regionally Rare

| | | | |
|------------------------|----------|------|----|
| Hull, near river mouth | TA10-28- | 2006 | RM |
| Bilton Grange, Hull | TA14-31- | 2005 | RM |

Although a native species, it only seems to occur as an alien in the vice-county.

***Geranium sanguineum* L.**

Bloody Crane's-bill
Status: Regionally Scarce?

| | | | |
|------------------------------|----------|------|------|
| *Filey | TA18A | 2014 | RM |
| *Speeton | TA17M | 2014 | RM |
| West Field, Huggate | SE85S | 2014 | RM |
| Primrose Valley -Filey | TA11-79- | 2013 | GJ |
| Nine Springs Dale | SE868695 | 2011 | JK |
| Pasture Dale! | SE85-54- | 2010 | HNHS |
| *Hull, south of disused rly. | TA144298 | 2008 | PAA |
| Millington Dale Verge | SE858546 | 2007 | GW |
| Duggleby High Barn | SE86U | 2007 | RM |
| *Salt End, Hull | TA12U | 2007 | RM |
| Primrose Valley! | TA17J | 2006 | YNU |

Distribution is confused by established garden discards *

***Geranium columbinum* L.**

Long-stalked Crane's-bill
Status: Regionally Rare

Well Dale Plantation, Cowlam SE975650 2010 PN

***Erodium moschatum* (L.) L'Hér.**

Musk Stork's-bill
Status: Regionally Extinct

Last record-
Aldborough TA2--3-- 1901 TP

LYTHRACEAE

***Lythrum hyssopifolia* L.**

Grass-poly
Status: EN, WC, BAP, Nationally Rare

Has occurred as an alien, King George Dock, Hull.

***Lythrum portula* (L.) D.A. Webb**

Water-purslane
Status: Regionally Rare

Heslington Tilmire SE63-47- 2004 MH
Allerthorpe Common SE754472 2003 PJC
Houghton Moor SE885366 1988 BSBI

ONAGRACEAE

***Epilobium roseum* Schreb.**

Pale Willowherb
Status: Regionally Scarce/Under-recorded?

Withernsea TA32N 2014 PJC
Roos TA22Z 2014 PJC
Pitfield Fishpond TA123377 2013 JH
Market Weighton SE866423 2011 PJC
Beverley, south hectad TA0--3-- 2008 JKD

MALVACEAE

***Malva setigera* Schimp. & Spenn.**

Rough Mallow
Status: WC

Occurred briefly on a bombed site in Hull, 1952 FEC.

***Tilia platyphyllos* Scop.**

Large-leaved Lime
Status: Nationally Regionally Scarce

*North Newbald TA913367 2014 GJ
White Hall Plantation TA295240 2013 JH
Little Kelk TA106608 2008 KS
Sancton East SE911395 2008 KS
*Hull TA 2000 HNHS

Probably always planted.

THYMELAEACEAE

***Daphne laureola* L.**

Spurge-laurel
Status: Regionally Scarce

Holmpton TA364236 2014 PJC
Fish Ponds Wood TA144675 2013 PJC
Roos Furze TA289318 2013 PJC
Whitedale TA167408 2012 PJC
Zigzag Plantation TA105670 2011 RB
Winestead High Wood TA296263 2010 PM
Dalton Wood SE951451 2009 GW
Pickhills Wood TA051547 2009 CL
Elloughton Wold Woods SE963284 2008 JC
Hornsea Mere TA19-47- 2002 MH
Lowthorpe TA087609 200? RM

BRASSICACEAE

***Camelina sativa* (L.) Crantz**

Gold-of-pleasure
Status: Nationally Rare

*South Dalton Wold! SE9344 2010 HNHS

Now only occurring as a component of game cover crops.

***Barbarea stricta* Andrz.**

Small-flowered Winter-ress
Status: Regionally Rare?

Holmpton, as arable weed TA376211 2014 PJC
Elmswell springs TA004576 2010 PJC
Beverley TA03P 2008 JKD

Was not noticed in the county until 1969 – may be overlooked. See Cook (2003) for discussion of occurrence as an arable weed.

***Rorippa palustris* (L.) Besser**

Marsh Yellow-ress
Status: Regionally Secure

This taxon appeared in earlier editions of the RPR but by 2014 there were enough records to re-classify it as regionally secure.

***Rorippa sylvestris* (L.) Besser**

Creeping Yellow-ress
Status: Regionally Scarce

Brighton SE73C 2014 RM
Brickyard Lane, Melton! SE92S 2011 HNHS
Dunnington SE671517 2000 AH
Wheldrake SE676442 2000 AH

{Other records but no exact details available}

Rorippa amphibia (L.) Besser

Great Yellow-cress
Status: Regionally Scarce

| | | | |
|-------------------------|----------|------|--------|
| Eastburn Beck | TA00-54- | 2008 | DB |
| Saltend, Hedon Drain | TA171227 | 2005 | PJC |
| Rillington (R. Derwent) | SE82-77- | 2003 | CCW |
| Gall Plantation. | TA13-39- | 1988 | EHW&RM |

Crackles regards this as locally frequent in the Derwent Valley.

Cardamine amara L.

Large Bitter-cress
Status: Regionally Scarce

| | | | |
|-----------------------------------|----------|------|----|
| Brough Airfield - Elloughton Ings | SE947257 | 2010 | JC |
| Cote Wood | TA096406 | 2009 | KS |
| Mill Dam, Beswick | TA014488 | 2009 | KS |
| Watton Abbey Field | TA020499 | 2009 | KS |

Some of these records need confirmation as they are outside the previously known distribution.

Cardamine impatiens L.

Narrow-leaved Bitter-cress
Status: Near Threatened, Nationally Rare, Regionally Extinct

| | | | |
|---------------|----------|------|----|
| Last record- | | | |
| Londesborough | SE868447 | 1980 | RM |

Lepidium heterophyllum Benth.

Smith's Pepperwort
Status: Regionally Rare

Seems to occur as a casual, only records from Hull, Beverley and TA08.

Lepidium latifolium L.

Dittander
Status: Nationally Scarce, Regionally Scarce

| | | | |
|--------------------------|----------|------|-------|
| Bridlington Street, Hull | TA096298 | 2011 | RM |
| Newton Garth | TA181269 | 2011 | PJC |
| Paull | TA171267 | 2011 | PJC |
| Hull, A1033 | TA121292 | 2011 | PJC |
| Barmston Drain, Hull | TA07-33- | 2010 | RM |
| Newport Pond | SE852307 | 2010 | GW&KM |
| Eastrington Tip | SE786298 | 2007 | GW |

Alyssum alyssoides (L.) L.

Small Alison
Status: WC

| | | | |
|------------------|----------|------|----|
| Little Driffield | TA008578 | 2009 | CL |
|------------------|----------|------|----|

This taxon is known to have been deliberately introduced at Water Fulford (SE64) and Nunburnholme (SE84) - 2014.

Brassica oleracea L.

Cabbage
Status: Nationally Scarce

Has occurred as an alien on the Hull docks.

Cakile maritima Scop.

Sea Rocket
Status: Regionally Scarce

| | | | |
|--------------------|----------|------|-------|
| Long Bank, Kilnsea | TA41D | 2014 | PJC |
| Redhouse Farm | TA33F | 2014 | PJC |
| Earl's Dyke! | TA170613 | 2011 | HNHS |
| Spurn Head NNR | TA41-12- | 2010 | DW&MW |
| Spurn Head NNR | TA42-13- | 2010 | DW&MW |
| Spurn Head NNR | TA42-14- | 2010 | DW&MW |
| Auburn Sands | TA16R | 2006 | RM |

Crambe maritima L.

Sea-kale
Status: Regionally Rare

| | | | |
|--------------------|--------|------|-----|
| Long Banl, Kilnsea | TA401D | 2014 | PJC |
|--------------------|--------|------|-----|

Previously also known from Sand-le-Mere TA33.

Teesdalia nudicaulis (L.) W.T. Aiton

Shepherd's Cress
Status: NT, Regionally Rare

| | | | |
|--------------|----------|------|-----|
| Calley Heath | SE75-49- | 2008 | PJC |
|--------------|----------|------|-----|

Matthiola sinuata (L.) W.T. Aiton

Sea Stock
Status: Nationally Vulnerable, BAP, Nationally Rare

Old records for Hull docks as an alien.

Iberis amara L.

Wild Candytuft
Status: Nationally Vulnerable, BAP, Nationally Scarce, Regionally Extinct

| | | | |
|-----------------------|----------|------|-----|
| Last record- | | | |
| West of Enthorpe sta. | SE91-45- | 1971 | FEC |

This is the only site where the plant has been seen in vc61.

SANTALACEAE**Viscum album** L.

Mistletoe
Status: Regionally Scarce

| | | | |
|-----------------------------|----------|------|-----|
| Sutton, Hull | TA122331 | 2014 | JH |
| Skidby | TA001336 | 2014 | AL |
| Magnolia House, Cottingham | TA05-32- | 2013 | RG |
| The Keld, Driffield! | TA013576 | 2012 | VG |
| Manor Close, Beverley | TA030402 | 2012 | VG |
| Haworth Hall | TA088336 | 2008 | RM |
| Hull, Western Cemetery! | TA071296 | 2008 | PAA |
| Beverley | TA032404 | 2008 | RA |
| *Winestead Weldon's Cottage | TA317248 | 2001 | PJC |

Range of hosts including Apple, Lime & Sorbus. Has occurred near Haworth Hall on Hawthorn.

POLYGONACEAE

Persicaria bistorta (L.) Samp.

Common Bistort

Status: Regionally Rare

Swanland (planted?) SE987252 2008 JC

Persicaria minor (Huds.) Opiz

Small Water-pepper

Status: Nationally Vulnerable, Regionally Rare/Extinct

Last record-
Barnby on the Marsh SE6--2-- 1985 TFM

Polygonum arenastrum Boreau

Equal-leaved Knotgrass

Status: Regionally Scarce/ Under-recorded?

Lilac Farm, Bugthorpe SE763570 2014 CCW&TN
Beck Ho. Fm., Menethorpe SE768673 2013 CCW&TN
Glebe F., Potter Brompton SE983769 2014 CCW&TN
Fordon TA060747 2014 TN
West End Fm., Muston TA089797 2014 CCW&TN
High Field Fm., Hunmanby TA100745 2013 CCW&TN
Orchard Park, Hull TA068339 2010 PJC

Also known from Haverfield Quarry and as a pavement weed in Withernsea and Castle Hill, Cottingham. More work is needed on the Knotgrasses.

Rumex longifolius DC.

Northern Dock

Status: Regionally Extinct

Last record-
Naburn sewage works SE6--4-- 1979 EB

Rumex palustris Sm.

Marsh Dock

Status: Regionally Extinct

Last record-
Derwent Ings SE7--4-- 1987 CB

Rumex maritimus L.

Golden Dock

Status: Regionally Rare

Thorpe Hall TA109675 2012 PJC

DROSERACEAE

Drosera rotundifolia L.

Round-leaved Sundew

Status: Regionally Extinct

Last record-
Allerthorpe Common SE762476 1984 RM

This plant was also known from Skipwith Common until 1964 (FEC).

Drosera intermedia Hayne

Oblong-leaved Sundew

Status: Regionally Extinct

Last record
Allerthorpe Common SE7--4-- 1985 CH

CARYOPHYLLACEAE

Arenaria leptoclados (Rchb.) Guss.

Slender Sandwort

Status: Regionally Scarce/Under-recorded?

Potter Brompton Brow SE984764 2012 PJC
West Knapton verge SE873752 2009 PJC&EC
Cowlam, Well Dale SE969653 1997 BSBI
Burstwick, gravel quarry TA22S 1993 FEC&PJC

The taxon is almost certainly under-recorded, with few surveyors checking the fruits.

Minuartia hybrida (Vill.) Schischk.

Fine-leaved Sandwort

Status: EN, BAP, Nationally Scarce,
Regionally Rare/Extinct?

Last record-
Kipling Cotes, Granny's Attic TA932438 1985 DRG

Stellaria nemorum L.

Wood Stitchwort

Status: Regionally Rare

Thornton Eilers Wood! SE74H 2009 YNU

See comments for *S. neglecta*.

Stellaria pallida (Dumort.) Crép.

Lesser Chickweed

Status: Regionally Scarce.

Potter Brompton! SE977773 2013 HNHS
Willerby Carr! TA006795 2012 YNU
Humber bank, Welwick TA33-19- 2011 PJC
Breckstreet Farm Dis. Airfield SE768415 2010 GW&KM
West Hessleron, Wolds Way SE902748 2008 CIG
Potter Brompton SE98-77- 2006 CIG

Only on sandy soils.

Stellaria neglecta Weihe

Greater Chickweed

Status: Regionally Rare

West Wood, Bugthorpe SE765587 2009 PM
Little Driffield SSSI TA001575 2009 PJC

For many years records for *Stellaria neglecta* were rejected. A record at Firby (1985 EC, attested P Benoit) was accepted but cast some doubt on the determination of an earlier record for *S. nemorum* at the same place. *S. neglecta* may be under-recorded and both species are certainly rare, and require critical determination.

Stellaria palustris Ehrh. ex Hoffm.

Marsh Stitchwort

Status: VU, BAP, Regionally Scarce/Secure?

| | | | |
|-----------------------|----------|------|----|
| Breighton | SE73C | 2014 | RM |
| Wheldrake Ings | SE695443 | 2011 | RM |
| Ellerton | SE698415 | 2009 | MY |
| North Duffield Carrs | SE69-37- | 2004 | MH |
| North Duffield Ings | SE70-35- | 2004 | MH |
| Bubwith Ings | SE70-36 | 2004 | MH |
| Aughton Ings | SE69-38- | 2004 | MH |
| East Cottingwith Ings | SE69-41- | 2004 | MH |
| Thorganby Ings | SE69-41- | 2004 | MH |

Probably widespread in the Lower Derwent valley.

Cerastium diffusum Pers.

Sea Mouse-ear

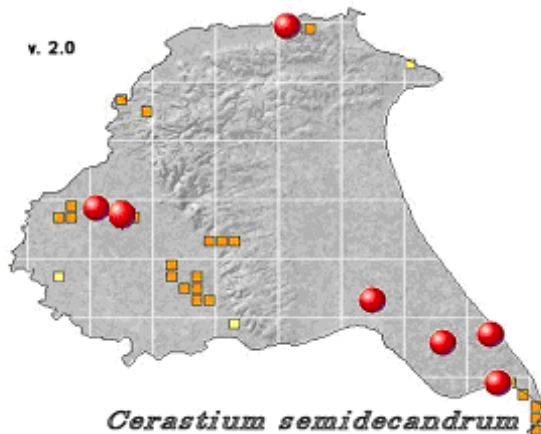
Status: Regionally Scarce

| | | | |
|------------------------------|----------|------|-------|
| Old railway line, Ruddens | TA14Q | 2014 | RM |
| Long Bank, Kilnsea | TA41D | 2014 | PJC |
| Withernsea, South promenade | TA348272 | 2014 | PJC |
| Gipsey Race, Bridlington | TA18-67- | 2011 | PJC |
| Bridlington Harbour car park | TA183665 | 2007 | PJC |
| Spurn Head NNR | SE42-13- | 2004 | MW&DW |
| Hornsea seafront | TA209476 | 1994 | PJC |

Cerastium semidecandrum L.

Little Mouse-ear

Status: Regionally Scarce



| | | | |
|----------------------------|----------|------|------|
| Allerthorpe Common | SE752474 | 2014 | EYBC |
| Marfleet - Withernsea Rly | TA261258 | 2013 | PJC |
| Marfleet - Withernsea Rly | TA338273 | 2013 | PJC |
| Sutton Wood | SE710485 | 2009 | PM |
| Staxton Sand pit | TA01-79- | 2004 | CIG |
| Welwick, Haverfield Quarry | TA31J | 1994 | PJC |
| Bilton, ASDA Car Park | TA13L | 1991 | WED |

Probably under-recorded.

Myosoton aquaticum (L.) Moench

Water Chickweed

Status: Regionally Scarce

| | | | |
|---------------------------|----------|------|----|
| Swine Moor | TA04-40- | 2009 | RM |
| River Hull above Wansford | TA06-56- | 2006 | DB |
| Pocklington Canal | SE74H | 2007 | DB |
| Pocklington Canal | SE74B | 2007 | DB |
| Sop Dyke | SE745446 | 2002 | RG |



Sagina nodosa (L.) Fenzl

Knotted Pearlwort

Status: Regionally Rare

| | | | |
|---------------------|----------|------|------|
| Allerthorpe Common! | SE760478 | 2014 | EYBC |
| Wheldrake Wood! | SE662469 | 2004 | YNU |
| Langwith | SE6--4-- | 1980 | EB |

Sagina filicaulis Jord.

Slender Pearlwort

Status: Regionally Data deficient

| | | | |
|--------------------|----------|------|-----|
| Orchard Park, Hull | TA068339 | 2010 | PJC |
|--------------------|----------|------|-----|

Sagina maritima Don

Sea Pearlwort

Status: Regionally Scarce

| | | | |
|--------------------------|----------|------|--------|
| Easington Seaside | TA41E | 2014 | PJC |
| Long Bank, Kilnsea | TA41D | 2014 | PJC |
| Sea wall, Alexandra Dock | TA12-28- | 2012 | RM |
| Bridlington harbour | TA18-67- | 2011 | PJC |
| Spurn Point NNR | TA399109 | 2000 | PJC&AM |
| Spurn Point NNR | TA404113 | 2000 | PJC&AM |

Scleranthus annuus L.

Annual Knawel

Status: EN, BAP, Regionally Scarce



| | | | |
|--------------------------|----------|------|-----|
| Willerby Carr | TA003787 | 2012 | PJC |
| Bubwith Rail Trail | SE824399 | 2008 | RM |
| Rabbit Hill, Eddlethorpe | SE778654 | 2008 | KW |
| Holme-on-Spalding-Moor | SE83J | 2003 | PJC |
| Bungalow Farm, N. Cave! | SE83W | 1987 | EHW |

***Corrigiola litoralis* L.**

Strapwort
Status: CR, WC, BAP, Nationally Rare,
Regionally Rare

Last record-
Weedley, railway SE93653310 2000 AM

Has occurred briefly at four localities, all on disused railway tracks, three on the Hull – Barnsley line.

***Spergula arvensis* L.**

Corn Spurrey
Status: VU, Regionally Secure.

This plant is still encountered fairly frequently. It is even found on some newly-created roadside verges in Hull where imported soil has been used.

***Spergularia rubra* (L.) J. Presl & C. Presl**

Sand Spurrey
Status: Regionally Scarce



| | | | |
|------------------------------|----------|------|------|
| Allertorpe Common | SE76-47- | 2014 | EYBC |
| Marfleet - Withernsea Rly. | TA261258 | 2013 | PJC |
| Marfleet - Withernsea Rly. | TA338273 | 2013 | PJC |
| Wheldrake Wood! | SE64N | 2011 | HNHS |
| Harswell railway line | SE82-39- | 2009 | RM |
| Calvert Lane rly. line, Hull | TA057292 | 2008 | PAA |
| Heslington Tilmire | SE63-47- | 2004 | MH |
| South Cliffe Common | SE85-34- | 2002 | JRu |

Some reported records of *S. rubra* from roadsides have been checked and found to be *Spergularia marina*, a species now widespread by salt-treated roads.

***Agrostemma githago* L.**

Corncockle
Status: Regionally Extinct
(except as deliberate introduction)

This plant is often encountered as a deliberate introduction (e.g. Hatfield 2012, PJC) but does not persist.

***Silene uniflora* Roth**

Sea Champion
Status: Regionally Extinct

Last record-
Spurn Point NNR SE412123 1978 JC&FEC

***Silene noctiflora* L.**

Night-flowering Catchfly
Status: VU, Regionally Secure

This taxon appeared in the first two editions of the RPR but additional data from the Cornfield Flowers Project has provided enough post-2000 to reclassify it as secure.

Although described by Robinson (1902) as ‘rare, in sandy cornfields’, Crackles (1990) regarded this plant as being locally frequent on the Wolds. This increase on the Wolds is not shown by recent records.

***Silene gallica* L.**

Small-flowered Catchfly
Status: EN, BAP, Nationally Scarce, Regionally Rare

Nunburnholme SE825468 2014 CCW&TN
Haggewoods SE628394 2014 LH

***Dianthus deltoides* L.**

Maiden Pink
Status: NT, Nationally Scarce, Regionally Extinct

Last record-
Skipwith Common SE65-37- 1977 TFM

Known from the Scampston-Rillington area until 1957

AMARANTHACEAE

***Chenopodium bonus-henricus* L.**

Good-King-Henry
Status: VU, Regionally Rare

Beverley Barracks Disused Pit TA025373 2008 KS
North Cave SE83W 2003 DJB
Owthorpe area. SE83A 2003 PJC

***Chenopodium glaucum* L.**

Oak-leaved Goosefoot
Status: VU, Nationally Scarce, Regionally Extinct

Has occurred as an alien on Hull docks (Robinson 1902)

***Chenopodium vulvaria* L.**

Stinking Goosefoot
Status: EN, WC, BAP, Nationally Scarce,
Regionally Extinct

Has occurred as an alien.

***Chenopodium urbicum* L.**

Upright Goosefoot
Status: CR, BAP, Nationally Rare, Regionally Extinct

Has occurred as an alien.

***Chenopodium murale* L.**

Nettle-leaved Goosefoot
Status: VU, Regionally Extinct

Has occurred as an alien.

Atriplex x gustafssoniana Tascher.

Kattegat Orache
Status: Regionally Rare

| | | | |
|----------------------|----------|------|-----|
| Easington seaside | TA41E | 2014 | PJC |
| Redhouse Farm | TA33F | 2014 | PJC |
| Holmpton, The Runnel | TA32M | 1999 | FK |
| Barmston lagoons | TA16-60- | 1990 | EC |

The Barmston specimen is in the herbarium of Eric Chicken (Hull University), determined by Akeroyd, J. R. Subsequent to the determination of the Holmpton material by Dr J Akeroyd this hybrid was found to be synonymous with *A. patula* var. *bracicata* Westerlund (pers comm. PJC/Akeroyd). All *A. patula* occurring on coastal clay should be examined critically to determine the status of this taxon.

Atriplex glabriuscula Edmondston

Babington's Orache
Status: Regionally Rare

| | | | |
|------------------------|----------|------|---------|
| Easington seaside | TA41E | 2014 | PJC |
| Long Bank, Kilnsea | TA41D | 2014 | PJC |
| Spurn Head NNR | TA42-14- | 2004 | MW&DW |
| Spurn Head NNR | TA41C | 1995 | PJC&FEC |
| Easington, Humber Bank | TA31Y | 1995 | PJC |

Atriplex x taschereaui Stace

Taschereau's Orache
Status: Regionally Rare/extinct

Last record-

| | | | |
|----------|----------|------|----|
| Barmston | TA17-59- | 1978 | EC |
|----------|----------|------|----|

Atriplex longipes Drejer

Long-stalked Orache
Status: Nationally Scarce, Regionally Rare/extinct

Last record-

| | | | |
|------------------|----------|------|----|
| Barmston lagoons | TA16-60- | 1990 | EC |
|------------------|----------|------|----|

Atriplex laciniata L.

Frosted Orache
Status: Regionally Rare

| | | | |
|--------------------|----------|------|-----|
| Easington seaside | TA41E | 2014 | PJC |
| Long Bank, Kilnsea | TA41D | 2014 | PJC |
| Fraisthorpe Beach | TA169614 | 2011 | PJC |

Salicornia ramosissima Woods

Purple Glasswort
Status: Regionally Extinct

Last record-

| | | | |
|-------------|----------|----|------|
| Stone Creek | TA2--1-- | EC | 1972 |
|-------------|----------|----|------|

This record needs confirmation.

Salicornia fragilis P.W. Ball & Tutin

Yellow Glasswort
Status: Nationally Scarce, Regionally Extinct

Last record-

| | | | |
|-----------------|----------|----|------|
| Spurn saltmarsh | TA4--1-- | KF | 1977 |
|-----------------|----------|----|------|

Salicornia dolichostachya Moss

Long-spiked Glasswort
Status: Regionally Extinct

Last record-

| | | | |
|-----------------|----------|------|----|
| Spurn saltmarsh | TA4--1-- | 1977 | KF |
|-----------------|----------|------|----|

For a discussion of Glassworts see Fenton (1977).

Salsola kali* subsp. *kali

Prickly Saltwort
Status: BAP, Regionally Scarce

| | | | |
|-----------------------------|----------|------|--------|
| Kilnsea, Beacon Lagoon | TA41D | 2014 | PJC |
| Easington seaside | TA41E | 2014 | PJC&RM |
| Redhouse Farm | TA33F | 2014 | PJC |
| Fraisthorpe beach | TA169614 | 2011 | PJC |
| Barmston beach | TA172585 | 2011 | PJC |
| Tunstall, S of Sand-le-Mere | TA32-30- | 2011 | WRD |
| Spurn Head NNR | TA42-13- | 2004 | MW&DW |

MONTIACEAE

Montia fontana L.

Blinks
Status: Regionally Scarce

| | | | |
|-----------------------------|----------|------|------|
| Skipwith Common | SE63N | 2014 | HNHS |
| Heslington Tillmire | SE6347 | 2013 | RM |
| Rise Park Estate | TA15-41- | 2011 | KS |
| Thornton Ellers! | SE73-45- | 2010 | YNU |
| Bunny Hill and Duck Nest! | SE83M | 2010 | RA |
| Gransmoor & I. of Man Woods | TA120608 | 2010 | KS |
| Mill Avenue | TA19-37- | 2009 | PJC |
| The Moors, Moor Covert | TA18-37- | 2009 | PJC |
| Elstronwick | TA23G | 1995 | WRD |

Also present on Swine Moor ! (TA04K)

BALSAMINACEAE

Impatiens noli-tangere L.

Touch-me-not Balsam
Status: Nationally Scarce, Regionally Extinct

Last record-

| | | | |
|--------------|----------|------|----|
| Derwent Ings | SE7--4-- | 1987 | CB |
|--------------|----------|------|----|

POLEMONIACEAE

Polemonium caeruleum L.

Jacob's-ladder
Status: Nationally Rare, Regionally as alien

| | | | |
|-----------------|-------|------|----|
| Primrose Valley | TA17J | 2006 | RM |
|-----------------|-------|------|----|

Only as a garden discard or deliberate introduction.

PRIMULACEAE

Hottonia palustris L.

Water-violet
Status: Regionally Scarce

| | | | |
|----------------------------|----------|------|------|
| Arram! | TA047443 | 2013 | HNHS |
| Kilnwick Percy golf course | SE816498 | 2011 | PJC |
| North Howden Fish Ponds | SE753311 | 2010 | KM |
| Barmby Pond | SE695292 | 2007 | GW |

Sandholme Br., Leven Canal TA098450 2007 DB
 Leven Canal TA096450 2005 RG
 Rillington Carr SE82-76- 2003 CCW

***Lysimachia nemorum* L.**

Yellow Pimpernel
 Status: Regionally Scarce/Secure

Hollicarrs Wood SE63F&G 2014 BSBI
 Birkhill Wood TA032357 2014 HNHS
 Fish Ponds Wood TA144675 2013 PJC
 North Cliffe Wood SE863372 2011 RM
 Bentley Moor Wood TA020367 2009 GW
 Black Plantation SE736533 2009 PM
 Sutton Wood SE710485 2009 PM
 Little Wood SE957374 2008 KS
 Wassand Hall TA17-46- 2007 RM
 Brantingham Dale, south SE94-30- 2007 RM

***Lysimachia thyrsiflora* L.**

Tufted Loosestrife
 Status: Nationally Scarce

The record of this plant in the vice-county is a long standing error.

***Anagallis tenella* (L.) L.**

Bog Pimpernel
 Status: Regionally Scarce

Skipwith Common west SE63N 2014 HNHS
 Wansford Marsh TA047569 2009 PJC
 Allerthorpe Common SE760478 2008 GW
 Huddy Cows Spring TA182737 1998 RF

Anagallis arvensis* subsp. *foemina

(Mill.) Schinz & Thell.

Blue Pimpernel
 Status: Nationally Scarce, Regionally Rare

Parthian Road, Hull TA14-31- 2000 HNHS

The above was a casual alien.

***Centunculus minimus* L.**

Chaffweed
 Status: NT, Regionally Rare

Allerthorpe Common SE762475 2003 PJC

***Samolus valerandi* L.**

Brookweed
 Status: Regionally Scarce

Paull Holme Strays TA182252 2013 EYBC
 Ings Drain SE87-32- 2011 RG
 White Drain TA062485 2010 RG
 Broomfleet Brick Pits (South) SE867282 2010 GW&KM
 North Cave Wetlands SE880330 2010 RG
 Swine Moor TA05-41- 2008 RM
 Skidby Carr Lane, Dunswell TA06-35- 2005 RA
 Holderness Drain, Tickton Br. TA07-42- 2005 RG
 Land of Nod SE84-37- 2002 MH



ERICACEAE

***Erica cinerea* L.**

Bell Heather
 Status: Regionally Rare

Allerthorpe Common SE76-47- 2007 RM

***Andromeda polifolia* L.**

Bog-rosemary
 Status: Regionally Extinct

“Bogs near Howden” T Knowlton (Teesdale 1800). No records for last two centuries.

***Vaccinium myrtillus* L.**

Bilberry
 Status: Regionally Extinct

Last record-
 Kennythorpe SE7--6-- 1970 ATD

Has occurred more recently as an Alien on Alexander Dock reservation, Hull (FEC).

***Pyrola minor* L.**

Common Wintergreen
 Status: Regionally Rare

Allerthorpe Common SE761476 1998 PJC&DRG

***Hypopitys monotropa* Crantz**

Yellow Bird's-nest
 Status: EN, BAP, Nationally Scarce, Regionally Extinct

Last record-
 Wintringham, FC woodland SE8--7-- 1969 GS

RUBIACEAE

***Asperula cynanchica* L.**

Squinancywort
 Status: Regionally Extinct?

Last record-
 Langton Wold SE8--7-- 1983 RJ

Long known at this, the only, site.

***Galium odoratum* (L.) Scop.**

Woodruff
Status: Regionally Rare

| | | | |
|--------------------------|----------|------|-----|
| Millington Wood | SE838530 | 2014 | YNU |
| Goodmanham | SE84W | 2014 | GJ |
| Rifle Butts quarry | SE897427 | 2014 | GJ |
| Birch Rush | SE771386 | 2010 | GW |
| Nunburnholme, Bratt Wood | SE84-48- | 1995 | PJC |

Native population may be boosted by garden escapes.

***Galium tricornerutum* Dandy**

Corn Cleavers
Status: CR, BAP, Nationally Rare, Regionally Extinct

According to Robinson (1902) this plant was “*frequent in cornfields ...*”, Marfleet, Sutton & Benningholme are mentioned. Since then it has only occurred as a casual, mainly on the Hull docks. Last record in 1954 from a bombed site in Hull (FEC).

***Galium parisiense* L.**

Wall Bedstraw
Status: VU, Nationally Scarce, Regionally Extinct

Long extinct, only record for wall at Boynton (Teesdale 1798).

GENTIANACEAE

***Centaurium littorale* (Turner ex Sm.) Gilmour**

Seaside Centaury
Status: Nationally Scarce, Regionally Extinct/Error?

Only ever reported from the Filey Brigg area (TA17/TA18). A specimen of putative *C. littorale* from Filey was submitted by Mr Jackson in 1999 and determined (PJC) as *C. erythraea* var. *capitatum* (Willd.) Melderis. The 1945 record for *C. littorale* at Filey may therefore refer to this.

***Centaurium pulchellum* (Sw.) Druce**

Lesser Centaury
Status: Regionally Extinct

Last record-
Allerthorpe Common SE7--44-- 1954 RDG

This specimen is held in the Hull University herbarium (HLU:7482). On the coast this is a plant of open sandy and muddy grassy places, often by estuaries, sand dunes and in upper saltmarsh. These are habitats afforded by the Humber estuary and the plant does occur on the south bank. More work is needed on coastal and estuarine material.

***Gentianella campestris* (L.) Börner**

Field Gentian
Status: VU, BAP, Regionally Error/Extinct.

There are no specimens to confirm that this plant ever grew in the vice-county.

***Gentiana pneumonanthe* L.**

Marsh Gentian
Status: Nationally Scarce, Regionally Rare

Skipwith Common! SE653372 2014 HNHS

Until 1980s this plant was also known from Allerthorpe Common (RR) and Heslington Golf Course (FEC).

BORAGINACEAE

***Lithospermum officinale* L.**

Common Gromwell
Status: Regionally Extinct

Last record-
Lowthorpe TA0--6-- 1964 JR

***Lithospermum arvense* L.**

Field Gromwell
Status: EN, Regionally Extinct

Last record-
Skirpenbeck SE7--5-- 1957 MT

There have been recent introductions by the Cornfield Flowers Project at Menethorpe (SE7667) and Fordon (TA0674).

***Myosotis secunda* Al. Murray**

Creeping Forget-me-not
Status: Regionally Error/Extinct

Crackles (1990) casts some doubt on the validity of records for this taxon in the vice-county. Material that was strongly cf. *M. secunda* submitted by JKD in 1998 was determined (P. Benoit) as (most probably) the backcross on the hybrid *M. laxa* x *M. scorpioides* by *M. laxa*. This vindicates Crackles' doubt on the validity of some records.

***Myosotis ramosissima* Rochel**

Early Forget-me-not
Status: Regionally Secure

Although this taxon appeared in earlier editions of the RPR by 2014 there were enough records to regard it as secure.

***Cynoglossum officinale* L.**

Hound's-tongue
Status: NT, Regionally Rare

Spurn Point NNR TA41B&C 1998 GG

CONVOLVULACEAE

***Calystegia soldanella* (L.) R. Br.**

Sea Bindweed
Status: Regionally Scarce?

| | | | |
|--------------------|----------|------|-------|
| Easington seaside | TA41E | 2014 | PJC |
| Long Bank, Kilnsea | TA41E | 2014 | PJC |
| Spurn Head NNR | TA4--1-- | 2010 | MW&DW |
| Spurn Head NNR | TA4--2-- | 2010 | MW&DW |

Only found at Spurn but widely distributed there. Formerly at Sand-le-Mere (TA33) and Fraisthorpe (TA16).

***Cuscuta europaea* L.**

Greater Dodder
Status: Nationally Scarce, Regionally Extinct

Last record-
Hemingborough SE6--3-- (1902) WNC

***Cuscuta epithymum* (L.) L.**

Dodder
Status: VU, Regionally Extinct

Last recorded by Walsh & Rimington (1953) as being seen at Hunmanby (TA1--7--) in 1916.

SOLANACEAE

***Hyoscyamus niger* L.**

Henbane
Status: VU, Regionally Rare

Burdale Pit SE876623 2011 JK

VERONICACEAE

***Veronica scutellata* L.**

Marsh Speedwell
Status: Regionally Scarce

Heslington Tilmire SE63-47- 2004 MH
North Duffield Carrs SE69-36- 2004 MH
Bubwith Ings SE70-36- 2004 MH
Allerthorpe Common SE759476 2003 PJC
Driffield, Kings Mill TA0--5-- 1995 EC

Humberhead Levels – possibly under-recorded

***Veronica agrestis* L.**

Green Field-speedwell
Status: Regionally Secure

This taxon appeared in the first two editions of the RPR but there are now enough post-2000 records to consider it secure.

The data suggests that there is severe under-recording of this plant. There seems to be a local "tradition" of regarding all ruderal Veronicas as *V. persica* without making a critical examination.

***Veronica polita* Fr.**

Grey Field-speedwell
Status: Regionally Scarce

Willerby Carr TA003787 2012 PJC
Nunburnholme SE825468 2012 CCW&TN
Fordon TA053752 2011 CCW&TN
Kelleythorpe industrial estate TA00-57- 2011 EC
Winteringham SE874745 2010 CCW&TN
Brown Moor Fm, Leavening SE811623 2010 CCW&TN
Welwick, Haverfield! TA32A c2006 EYBG
Thorpe Bassett SE870716 2005 CCW&CIG
Welwick, Bushes Dune TA33-19- 2002 PJC

***Veronica spicata* L.**

Spiked Speedwell
Status: WC

This taxon appears on a list of the plants of Spurn Point (Crackles 1975c) where it is noted as a casual in 1961.

***Misopates orontium* (L.) Raf.**

Weasel's-snout
Status: VU

There is a single unconfirmed record for the western Hull docks area TA02 in 1961.

***Kickxia elatine* (L.) Dumort.**

Sharp-leaved Fluellen
Status: Regionally Extinct

Last record-
Swindale, North Newbald SE9--3-- 1977 EHW

Introduced at Old Rectory Farm, Nunburnholme 2010.

PLANTAGINACEAE

***Littorella uniflora* (L.) Asch.**

Shoreweed
Status: Regionally Extinct

Only record-
Skipwith Common SE6--3-- (1902) HJW

CALLITRICHACEAE

***Callitriche hermaphroditica* L.**

Autumnal Water-starwort
Status: Regionally Extinct

Last record-
Dyke near Bubwith SE7--3-- 1984 DRG

***Callitriche platycarpa* Kütz.**

Various-leaved Water-starwort
Status: Regionally Scarce/Under-recorded?

Swine Moor TA050408 2010 GW&KM
Bealey's Beck Lockington SE987447 2009 GW
Saltmarshe Delph SE770248 2009 GW
Figham Pastures TA060390 2008 GW
Howden Marsh SE742284 2007 GW

Callitriche obtusangula Le Gall

Blunt-fruited Water-starwort
Status: Regionally Scarce/Under-recorded?

| | | | |
|------------------------------|----------|------|-----|
| Hollym Carrs | TA329245 | 2012 | PJC |
| Lowthorpe Beck, Harpham | TA085613 | 2009 | PJC |
| River Hull, Little Driffield | TA01-57- | 2006 | DB |
| Eastburn Beck | TA00-54- | 2006 | DB |
| River Hull above Wansford | TA06-56- | 2006 | DB |
| Kelk Beck | TA05Z | 2006 | DB |

Callitriche brutia* subsp. *hamulata

(Kütz. ex W.D.J. Koch) O. Bolòs & Vigo

Intermediate Water-starwort
Status: Regionally Rare/Under-recorded?

| | | | |
|---------------------|----------|------|-------|
| Seaton Old Wood | SE788393 | 2010 | GW&KM |
| Tunstall, Gillsmere | TA299331 | 1993 | DRG |

SCROPHULARIACEAE

Limosella aquatica L.

Mudwort
Status: Nationally Scarce, Regionally Extinct

| | | | |
|-----------------------------|----------|------|-----|
| Only site- Near Skipwith | SE6--3-- | 1937 | EJP |
|-----------------------------|----------|------|-----|

First recorded at Skipwith by H J Wilkinson in 1883.

LAMIACEAE

Stachys arvensis (L.) L.

Field Woundwort
Status: NT, Regionally Secure

The plant still seems to be secure with more than ten records.

Lamiastrum galeobdolon (L.) Ehrend. & Polatschek

Yellow Archangel
Status: Regionally Rare

| | | | |
|-----------------|----------|------|-------|
| Houghton Moor | SE897380 | 2010 | GW&KM |
| Newbald Springs | SE918372 | 2008 | KS |

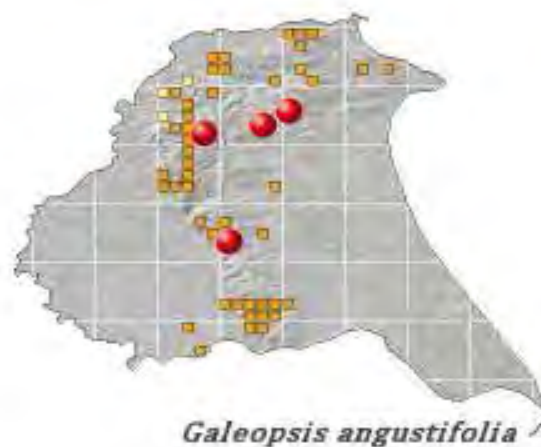
The native distribution is now confused by garden escapes. Only subspecies *argenteum* can readily be recognised as such.

Galeopsis angustifolia Ehrh. ex Hoffm. Red

Hemp-nettle
Status: CR, BAP, Nationally Scarce, Regionally Scarce

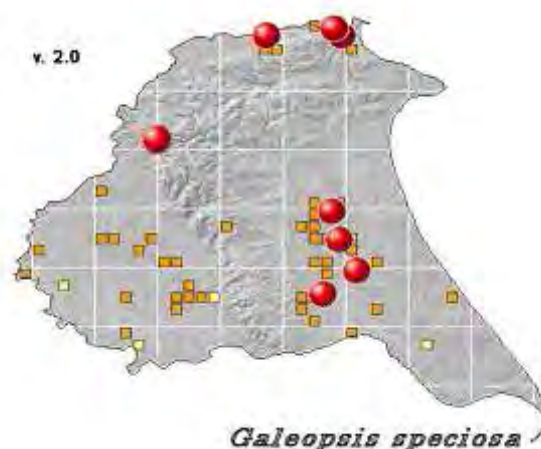
| | | | |
|-----------------|----------|------|------|
| Fimber! | SE86V | 2014 | HNHS |
| Burdale | SE86R | 2014 | HNHS |
| Low Cowlam | SE973633 | 2011 | HNHS |
| Langtoft Quarry | TA011659 | 2009 | CCW |
| Goodmanham Dale | SE91-43- | 2009 | JK |

This taxon has been introduced at Menethorpe, Nunburnholme, Fordon & Potter Brompton by the Cornfield Flowers Project.



Galeopsis speciosa Mill.

Large-flowered Hemp-nettle
Status: VU, Regionally Scarce



| | | | |
|-----------------------------|----------|------|---------|
| Magdalen Grange, Gristhorpe | TA083807 | 2012 | CIG |
| Potter Brompton Carr! | SE975790 | 2012 | YNU |
| Tophill Low! | TA078497 | 2012 | YNU |
| Brown Moor Fm., Leavening | SE799621 | 2010 | CCW&CIG |
| Leven Canal | TA04X | 2010 | RA |
| Woodhouse Lane, Arnold Ings | TA118398 | 2008 | RM |
| Skidby Carr Lane, Dunswell! | TA06-35- | 2006 | HNHS |
| Muston, West End farm | TA09-79- | 2002 | PQW |

Galeopsis bifida Boenn.

Bifid Hemp-nettle
Status: Regionally data deficient

Status not known, no recent records but certainly under-recorded.

Marrubium vulgare L.

White Horehound
Status: Nationally Scarce, Regionally Extinct

| | | | |
|---------------------------------|----------|------|----|
| Last record- Great Givendale | SE8--5-- | 1966 | EC |
|---------------------------------|----------|------|----|

Scutellaria minor Huds.

Lesser Skullcap
Status: Regionally Extinct

| | | | |
|---------------------------------|----------|------|---------|
| Last record- Skipwith Common | SE6--3-- | 1959 | JDL&WAS |
|---------------------------------|----------|------|---------|

***Nepeta cataria* L.**

Cat-mint

Status: VU, BAP, Regionally Extinct

Last native records-

| | | | |
|---------------|----------|------|-----|
| Goodmanham | SE8--4-- | 1909 | JJM |
| Beverley Park | TA0--3-- | 1909 | JJM |

The above records were published by the Hull Scientific and Field Naturalists' Club in their Transactions for 1909. The plant was recorded as a casual on King George Dock, Hull by T Stainforth in 1933 (Wilson 1938).

***Clinopodium acinos* (L.) Kuntze**

Basil Thyme

Status: VU, BAP, Regionally Scarce



| | | | |
|-----------------------------|----------|------|---------|
| Hudson Way, Granny's Attic! | SE92-43- | 2012 | HNHS |
| Drewton Dale! | SE93G | 2010 | YNU |
| Etton Wold Quarry | SE931437 | 2009 | RM |
| Goodmanham Dale | SE91-43- | 2009 | RM |
| Weedly Springs | SE94-33- | 2007 | RM |
| Staxton Wold | TA02-77 | 2004 | CIG&CCW |

***Thymus pulegioides* L.**

Large Thyme

Status: Regionally Scarce



| | | | |
|-------------------|----------|------|------|
| Burdale! | SE86R | 2014 | HNHS |
| Wye Dale West! | SE91-35- | 2012 | HNHS |
| Wye Dale East! | SE92-35- | 2011 | HNHS |
| Burdale Pit | SE876623 | 2011 | JK |
| Goodmanham Dale | SE91-43- | 2008 | JK |
| Beverley Westwood | TA03E | 2008 | JKD |

***Mentha arvensis* L.**

Corn Mint

Status: Regionally Scarce and decreasing

| | | | |
|-------------------------------|----------|------|--------|
| Brickyard Fm., Beswick | TA020482 | 2014 | CCW&TN |
| Cranswick Common | TA05K | 2014 | RM |
| Skipwith | SE63N | 2014 | HNHS |
| Allerthorpe Common | SE752474 | 2014 | EYMG |
| Osgodby and Lund | SE63L | 2014 | GJ&SD |
| Fairholme | TA13D | 2014 | RM |
| Potter Brompton | SE977773 | 2013 | HNHS |
| Admirals Field | SE941457 | 2010 | PJC |
| Broomfleet Brick Pits (North) | SE864286 | 2010 | GW&KM |
| Wheldrake Wood! | SE662469 | 2004 | YNU |

***Mentha x verticillata* L.**

Whorled Mint

Status: Regionally Rare

| | | | |
|-----------------------------|----------|------|-----|
| Keld and Tumulus, Driffield | TA015564 | 2009 | PJC |
| Rillington, Low Moor Farm | SE82-76- | 2003 | CIG |

***Mentha pulegium* L.**

Pennyroyal

Status: EN, WC, BAP, Nationally Scarce, Regionally Extinct

Last record-

| | | | |
|-----------------|----------|------|-----|
| Skipwith Common | SE6--3-- | 1937 | EJP |
|-----------------|----------|------|-----|

***Salvia pratensis* L.**

Meadow Clary

Status: NT, WC, Nationally Scarce

Has only ever occurred regionally as a dock alien.

***Salvia verbenaca* L.**

Wild Clary

Status: Regionally Rare

| | | | |
|---------------------------|----------|------|-----|
| Sherburn Rd, Weaverthorpe | SE966709 | 2012 | CIG |
| Skipsea Moat | TA160549 | 2011 | PJC |
| Weaverthorpe | SE966710 | 2007 | CGI |

Has also occurred as a dock alien.

OROBANCHACEAE

***Melampyrum pratense* L.**

Common Cow-wheat

Status: Regionally Extinct

Last record-

| | | | |
|-------|----------|------|-----|
| Kexby | SE7--5-- | 1956 | RDG |
|-------|----------|------|-----|

Specimen in Hull University Herbarium (HLU:8645)

***Euphrasia micrantha* Rchb.**

Status: DD, Regionally unknown

Only record (origin unknown) for specimen collected in 1932 from SE96, identified by P. F. Yeo.

***Rhinanthus angustifolius* C.C. Gmel.**

Greater Yellow-rattle

Status: WC, Nationally Rare, Regionally Extinct

Last record-

| | | | |
|--------------------------|----------|------|-----|
| Roadside, Barlby-Riccall | SE6--3-- | 1912 | YNU |
|--------------------------|----------|------|-----|

***Pedicularis palustris* L.**
Marsh Lousewort
Status: Regionally Rare



Wansford Marsh TA047569 2009 PJC

***Pedicularis sylvatica* L.**
Lousewort
Status: Regionally Rare



Allerthorpe Common SE76-47- 2011 RM
Eddlethorpe, Manor Farm SE7--6-- 1999 WRM

***Lathraea squamaria* L.**
Toothwort
Status: Regionally Rare

Last record-
Millington Wood SE83-53- 2009 CT

Regarded as still present in Eppleworth Wood (SE93) by Crackles (1990).

***Orobanche rapum-genistae* Thuill.**
Greater Broomrape
Status: NT, Nationally Scarce, Regionally Extinct

Last record-
Kelsey Hill TA2--2-- 1936 HJD

***Orobanche elatior* Sutton**
Knapweed Broomrape
Status: Regionally Rare

Mount Airy, South Cave! SE932315 2012 HNHS
Flower Hill SE935385 2007 IAA
Grindale, road verge TA15-69- 2006 CIG

***Orobanche reticulata* Wallr.**
Thistle Broomrape
Status: NT, WC, Nationally Rare, Regionally Rare

Wharram Quarry SE859652 2013 GJ

Wharram Quarry population of 10 spikes in 2011.

***Orobanche minor* Sm.**
Common Broomrape
Status: Regionally Scarce

Hull University campus TA078318 2008 JB
Tower Street, Hull TA103285 2008 RM
Newbald, High Hunsley Circuit SE928384 2004 PJC
Priory Sidings, Hull TA056265 1998 RM

LENTIBULARIACEAE

***Pinguicula vulgaris* L.**
Common Butterwort
Status: Regionally Rare

Hoddy Cows Spring TA182737 1998 RF

Regarded by Crackles (1990) as still being present at Wansford (TA05).

***Utricularia vulgaris* L.**
Greater Bladderwort
Status: Regionally Rare

Paull Holme Strays TA182252 2013 EYBC
Leven Canal TA04X 2010 RM

This plant is still reasonably abundant along Leven Canal but rarely flowers.

***Utricularia minor* L.**
Lesser Bladderwort
Status: Regionally Extinct

Last recorded near Beverley by Dr Hull (Robinson 1902).

VERBENACEAE

***Verbena officinalis* L.**
Vervain
Status: Regionally Rare

Willerby TA03F 2008 JKD
St Andrews Quay, west TA06-26- 2007 RA

CAMPANULACEAE

Campanula patula L.

Spreading Bellflower
Status: EN, BAP, Nationally Scarce

Regionally only ever found as a dock alien.

Campanula rapunculus L.

Rampion Bellflower
Status: EN, BAP, Nationally Rare

Regionally only as a garden escape.

Campanula trachelium L.

Nettle-leaved Bellflower
Status: Regionally Rare

| | | | |
|------------------|----------|------|-----|
| Millington Wood! | SE83-53- | 2014 | YNU |
| The Belt | TA111669 | 2011 | RB |
| Top Hill Low | TA072487 | 2009 | KS |

Sometimes also found as a garden escape.

Legousia hybrida (L.) Delarbre

Venus's-looking-glass
Status: Regionally Secure

This taxon was included in the first two editions of the RPR but there are now enough post-2000 records to re-classify it as secure.

Jasione montana L.

Sheep's-bit
Status: Regionally Extinct?

Crackles (1990) considered that it was still present near Barmby Moor (SE74).

MENYANTHACEAE

Menyanthes trifoliata L.

Bogbean
Status: Regionally Scarce/Introduced

| | | | |
|---------------------------|----------|------|--------|
| Newbald Beckies | SE91-37- | 2014 | HNHS |
| Aike, south of | TA051456 | 2013 | JHB&LB |
| Heslington Tillmire | SE6347 | 2013 | RM |
| *High Farm Country Park | TA09-43- | 2011 | RM |
| Elmswell springs | TA004576 | 2010 | PJC |
| *North Cave Wetlands | SE884333 | 2010 | RG |
| Wansford (2 sites) | TA051566 | 2009 | PJC |
| Hoddy Cows spring | TA182737 | 2009 | PJC |
| *Bransholme Fishing Lakes | TA111352 | 2008 | PAA |
| *Hull, Pearson Park | TA086304 | 2008 | PAA |
| Givendale Farm | SE825544 | 2007 | CL |
| *Walkington Pond | TA00-37- | 2002 | RG |

The scarce native distribution has been confused by *introductions.

Nymphoides peltata Kuntze

Fringed Water-lily
Status: Nationally Scarce

Regionally only as an introduction.

| | | | |
|----------------------|----------|------|------|
| Kelsey Hill! | TA2326 | 2013 | HNHS |
| Holmes Field Reserve | SE792471 | 2008 | GW |

ASTERACEAE

Arctium lappa L.

Greater Burdock
Status: Regionally Secure

This taxon was included in the first two editions of the RPR but by 2014 there were enough records to consider it secure.

Arctium nemorosum Lej.

Wood Burdock
Status: Regionally Rare/Under-recorded

| | | | |
|--------------------|----------|------|-----------|
| North Cave | SE83W | 2003 | PJCet al. |
| Hive | SE817309 | 2003 | PJC |
| Kelk and Gransmoor | TA16A | 2003 | EC&PJC |

Cirsium dissectum (L.) Hill

Meadow Thistle
Status: Regionally Rare

| | | | |
|--------------------|----------|------|--------|
| Allerthorpe Common | SE753477 | 2003 | PJC&EC |
|--------------------|----------|------|--------|

Cirsium acaule (L.) Scop.

Dwarf Thistle
Status: Regionally Scarce

| | | | |
|----------------------|----------|------|------|
| Goodmanham Dale! | SE910430 | 2013 | HNHS |
| Wyedale! | SE92-35- | 2011 | HNHS |
| Cinqufoil Brow | SE969636 | 2011 | JK |
| York Road, Sledmere | SE973625 | 2011 | JK |
| Beverley, Lime Kilns | TA018391 | 2011 | RM |
| Flat Top (South) | SE805558 | 2008 | CL |

***Centaurea cyanus* L.**

Cornflower

Status: BAP, Regionally Scarce

| | | | |
|-------------------------|----------|------|--------|
| Potter Brompton! | SE98-77- | 2014 | CCW&TN |
| *Haggewoods, Escrick | SE6239 | 2014 | BSBI |
| Saltshouse Road, Hull | TA12-32- | 2012 | RM |
| Dunnington south | TA15-51- | 2011 | RM |
| Carrhouse Bridge, Swine | TA121367 | 2011 | AC |
| Sand Lane, North Cliffe | SE859374 | 2011 | CM |
| Sand Lane, North Cliffe | SE843376 | 2001 | CM |
| Little Leven | TA102457 | 2009 | RM |
| Beverley south hectad | TA0--3-- | 2008 | JKD |
| *Ennerdale, Hull | TA087332 | 2006 | RM |
| Meaux Abbey Farm | TA04V | 2005 | RM |

Increasingly found as a deliberate planting.

***Centaurea calcitrapa* L.**

Red Star-thistle

Status: CR, BAP, Nationally Rare

Regionally only ever as a dock alien, no recent records.

***Arnoseris minima* (L.) Schweigg. & Körte**

Lamb's Succory

Status: EX, BAP, Regionally Extinct

Last record-

| | | | |
|-------------|----------|------|-----|
| Near Bielby | SE7--4-- | 1960 | MMS |
|-------------|----------|------|-----|

***Hypochaeris glabra* L.**

Smooth Cat's-ear

Status: VU, Regionally Rare

| | | | |
|----------------------------|----------|------|--------|
| Potter Brompton! | SE983769 | 2014 | CCW&TN |
| Wolds Way, Potter Brompton | SE975765 | 2012 | RM |
| Winteringham | SE87-75- | 2010 | CCW&TN |

***Picris hieracioides* L.**

Hawkweed Oxtongue

Status: Regionally Scarce

| | | | |
|-----------------------------|----------|------|------|
| Fimber! | SE881617 | 2014 | HNHS |
| Langtoft quarry | | | |
| Walkington! | SE97-77- | 2012 | HNHS |
| Granny's Attic! | SE92-43- | 200? | JN |
| Thixendale! | SE86K | 2007 | RA |
| Oxmaradyke, rly. embankment | SE82P | 2003 | MH |

***Sonchus palustris* L.**

Marsh Sow-thistle

Status: Nationally Scarce, Regionally Rare?

Unconfirmed records from Brough Haven and Blacktoft.

***Taraxacum aggregate* - Insufficient data for analysis**

***Crepis paludosa* (L.) Moench**

Marsh Hawk's-beard

Status: Regionally Scarce

| | | | |
|-------------------------|----------|------|------|
| North Newbald Becksies! | SE918371 | 2014 | HNHS |
| Danes' Dyke | TA213713 | 2011 | PJC |
| Admiral Plantation | SE818586 | 2009 | CL |
| Allerthorpe Common | SE760478 | 2008 | GW |
| Eddlethorpe, Manor Farm | SE7--6-- | 2003 | MH |

Probably also still present in Kirkham area

***Hieracium* – too little data for any meaningful analysis. The Nationally Rare taxa *H. acuminatum*, *H. diaphanoides* and *H. diaphanum* have been recorded in the past.**

***Filago vulgaris* Lam.**

Common Cudweed

Status: NT, Regionally Secure.

Still reasonably frequent with more than 25 records.

***Filago lutescens* Jord.**

Red-tipped Cudweed

Status: Regionally Extinct

Only record-

| | | | |
|-------------|----------|------|-----|
| Spurn Point | TA4--1-- | 1978 | FEC |
|-------------|----------|------|-----|

***Filago pyramidata* L.**

Broad-leaved Cudweed

Status: EN, WC, BAP, Nationally Scarce

Filey

| | | |
|----------|------|----|
| TA11-80- | 1925 | ED |
|----------|------|----|

Not mentioned in Crackles (1990) and only known as an East Yorkshire plant from an old, unsubstantiated record.

***Filago minima* (Sm.) Pers.**

Small Cudweed

Status: Regionally Rare



| | | | |
|-----------------------------|----------|------|------|
| Bunny Hill! | SE857357 | 2010 | HNHS |
| Allerthorpe Common | SE760476 | 2003 | PJC |
| Dunnington, industrial site | SE672518 | 1996 | YNU |

***Antennaria dioica* (L.) Gaertn.**

Mountain Everlasting

Status: Regionally Extinct

There is an undated specimen in the Reeves herbarium at Scarborough Museums (2000.648.2842) collected by M. B. Slater from Langton Wold (SE86). Another specimen dated 1889 (2000.648.2843) is annotated by W. W. Reeves as coming from Mr Slater's garden in Malton although "Mr Slater could not remember where it came from." A specimen of 1850 attributed to R. Spruce is also labeled Langton Wold.

***Gnaphalium sylvaticum* L.**

Heath Cudweed
Status: EN, Regionally Rare

Wheldrake Wood! SE661464 2004 YNU
Allerthorpe Common SE760477 2003 PJC



***Solidago virgaurea* L.**

Goldenrod
Status: Regionally Extinct

Last secure record (HLL:100451)-
Skipwith SE6--3-- 1934 AKW

There have been other more recent records for Skipwith and Allerthorpe Commons but there may be some confusion with the garden escape *S. canadensis*.

***Artemisia campestris* L.**

Field Wormwood
Status: VU, WC, BAP, Nationally Rare

Has occurred as a dock alien in Hull (Robinson 1902).

***Artemisia maritima* L.**

Sea Wormwood
Status: Regionally Secure

This taxon appeared in the first two editions of the RPR but by 2014 there were enough records to consider it secure.

Restricted to the Spurn peninsula and the banks of the outer Humber west to Paull.

***Chamaemelum nobile* (L.) All.**

Chamomile
Status: VU, BAP, Regionally Extinct

Last records-
Scampston SE87-74- 1956 TFM
Skirpenbeck SE74-57- 1956 MT

***Anthemis arvensis* L.**

Corn Chamomile
Status: EN, Regionally Rare

*Haggewoods, Escrick! SE6239 2014 BSBI
Potter Brompton SE983769 2012 CCW&TN
Pocklington Canal SE74S 2007 DB
Holme upon Spalding Moor SE83J 2003 PJC

* Introduction (also at High Field farm, Hunmanby)..

***Anthemis cotula* L.**

Stinking Chamomile
Status: VU, Regionally Rare

Rudston 2012 PJC
Hollym, Carrs Nature Reserve TA32H 1994 PJC
Fitling, North Farm TA23M 1991 PJC

***Glebionis segetum* (L.) Fourr.**

Corn Marigold
Status: VU, Regionally Secure

There are enough recent records to classify this as Regionally Secure. The natural populations are boosted by deliberate introductions.

***Senecio sylvaticus* L.**

Heath Groundsel



Status: Regionally Scarce

Easington seaside TA41E 2014 PJC
Haverfield TA31J 2014 PJC
Bempton Cliffs! TA18-74- 2011 RA
Spurn Head NNR TA4--1-- 2008 PJC&AM
Allerthorpe Common SE763474 2008 RM
Wheldrake Wood! SE662469 2004 YNU

***Bidens cernua* L.**

Nodding Bur-marigold
Status: Regionally Rare

High Farm Fishing Lake TA088436 2011 RM
*Beverley Beck TA05-39- 2004 RG

Beverley Beck was a known, and non-persisting, introduction.

***Bidens tripartita* L.**
Trifid Bur-marigold
Status: Regionally Rare

Pocklington Canal SE711440 2002 RG

Either side of Hall Hills swing bridge.

ADOXACEAE

***Adoxa moschatellina* L.**
Moschatel
Status: Regionally Rare

Scrayingham, The Rush SE7--6-- 1995 MH

CAPRIFOLIACEAE

***Sambucus ebulus* L.**
Dwarf Elder
Status: Regionally Extinct

Not seen in the county for two centuries.

***Viburnum lantana* L.**
Wayfaring-tree
Status: Regionally Secure

Although this taxon appeared in the first two editions of the RPR by 2014 there were enough records to consider it secure. The native distribution is difficult to assess as mos, if not all, records are of planted material

***Lonicera xylosteum* L.**
Fly Honeysuckle
Status: Nationally Rare, Regionally Rare

Introduction?
Beckhead Plantation SE816536 2012 PJC

VALERIANACEAE

***Valerianella carinata* Loisel.**
Keeled-fruited Cornsalad
Status: Regionally Rare

Garden in Staxton TA01-79- 2006 CIG
Willerby (N Yorks) TA07E 2003 LA&NA

***Valerianella rimosa* Bastard**
Broad-fruited Cornsalad
Status: EN, BAP, Nationally Scarce, Regionally Extinct

Last record-
Market Weighton SE8--3-- 1908 JJM

***Valerianella dentata* (L.) Pollich**
Narrow-fruited Cornsalad
Status: EN, Regionally Scarce

Fordon! TA060747 2014 TN
Common Lane, Wawne TA107376 2012 RM
Granny's Attic SE931440 2008 LE
Scarn Dale SE875515 2000 CL
Ganton Wold SE97-75- 2002 JRu



Valerianella dentata

***Valerianella eriocarpa* Desv.**
Hairy-fruited Cornsalad
Status: Nationally Rare,

Regionally only ever as a dock alien CW (Wilson 1938).

DIPSACACEAE

***Dipsacus pilosus* L.**
Small Teasel
Status: Regionally Rare

North Ferriby SE990254 2014 HNHS
Old chalk quarry, Hessle TA0--2-- 1966 EC

APIACEAE

***Eryngium maritimum* L.**
Sea-holly
Status: Regionally Scarce

Easington seaside TA41E 2014 PJC
Long Bank, Kilnsea TA41D 2014 PJC
Spurn –through several monads 2010 DW&MW

***Anthriscus caucalis* M. Bieb.**
Bur Chervil
Status: Regionally Scarce

Wolds Way, Potter Brompton SE98-76- 2013 HNHS
Flixton Wold TA07N 2008 RM
West Heselton Brow SE90-74- 2005 RM
North Cave SE83W 2003 PJC
Staxton Sand Pit TA02-79- 1997 CCW
West Heselton – Yedingham SE898784 1999 PJC

***Scandix pecten-veneris* L.**
Shepherd's-needle
Status: CR, BAP, Regionally Scarce

Etton, West End SE972432 2009 JKD
West Knapton verge SE873752 2009 EC&PJC
Fitling, North Farm TA249359 2002 PJC
Burton Pidsea TA252307 1995 RM
Swine TA13K 1995 FK

Deliberate introductions known from Potter Brompton, Water Fulford, Fordon, Hunmanby and Filey. See Cook (2003) for a discussion.

***Myrrhis odorata* (L.) Scop.**

Sweet Cicely

Status: Regionally Rare (Introduced?)

Burton Fleming Road Verge TA070737 2007 GW
Rudston TA09-67- 2007 RM

***Sium latifolium* L.**

Greater Water-parsnip

Status: EN, BAP, Nationally Scarce, Regionally Scarce

*Tophill Low, south end! TA070476 2012 YNU
*Hollym Carrs TA329245 2012 PJC
Wassand TA177466 2011 PJC
North Duffield Carrs SE69-37- 2004 MH
Dyon Drain, Bubwith Ings SE708367 2004 MH
Ellerton Ings SE69-39- 2004 MH

The populations at Tophill Low and Hollym are introductions reared from the Wassand population.

***Oenanthe fistulosa* L.**

Tubular Water-dropwort

Status VU, BAP, Regionally Secure.

Regionally secure with more than ten sites since 1990.

***Oenanthe silaifolia* M. Bieb.**

Narrow-leaved Water-dropwort



Status: NT: Nationally Scarce, Regionally Scarce

Brighton SE73C 2014 RM
Nunburnholme meadow SE842470 2012 PJC
Ellerton SE698415 2010 MY
Elvington SE6--4-- 2002 JRu

***Oenanthe pimpinelloides* L.**

Corky-fruited Water-dropwort

Status: Regionally Rare

Wood Lane, Willerby Carr fm! TA047312 2011 YNU
Ennerdale Sports Field! TA087332 2010 HNHS

***Oenanthe lachenalii* C.C. Gmel.**

Parsley Water-dropwort

Status: Regionally Rare

Broomfleet Washlands SE868282 2003 MH
Oxmardyke Marr SE85-28- 2003 MH

***Oenanthe crocata* L.**

Hemlock Water-dropwort

Status: Regionally Scarce

Wawne, River Hull! TA085362 2014 RA&RM
Bransholme lagoon, Hull! TA085338 2014 HNHS
Welton Water! SE92M 2012 HNHS
Brickyard Lane, Melton SE92S 2011 HNHS

***Oenanthe fluviatilis* (Bab.) Coleman**

River Water-dropwort

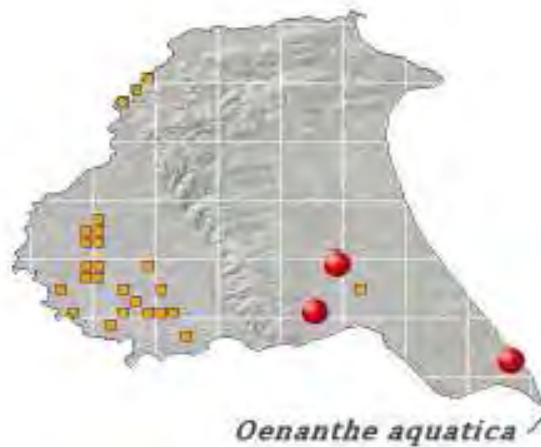
Status: Regionally Rare

Struncheon Hill, River Hull! TA079508 2012 RG

***Oenanthe aquatica* (L.) Poir.**

Fine-leaved Water-dropwort

Status: Regionally Rare



Priory Meadows! TA055313 2014 HNHS
Meaux Abbey! TA09-39- 2013 HNHS
Weeton, Black Dyke TA32R 1997 FK

***Bupleurum tenuissimum* L.**

Slender Hare's-ear

Status: VU, BAP, Nationally Scarce, Regionally Rare

Lockham TA397168 2010 PJC
Paull Holme TA17-24- 2008 EYBG

The latter is an unconfirmed record from a former known site (FEC 1963).

***Bupleurum baldense* Turra**

Small Hare's-ear

Status: VU, WC, Nationally Rare

Regionally only ever as an alien on the Hull docks (Extinct).

***Bupleurum rotundifolium* L.**

Thorow-wax

Status: CR, BAP, Nationally Rare, Rare casual

*Nunburnholme SE825468 2014 CCW&TN
Pocklington allotments SE802495 2013 SCE

This seems to be a relic of recent exotic seed planting. Has occurred on the Wolds & at Hedon (Robinson 1902)

Apium repens (Jacq.) Lag.
Creeping Marshwort
Status: VU, WC, BAP, Nationally Rare, Regionally Extinct

The last authenticated specimens of this plant collected in the county were those of F. A. Lees, taken at Skipwith in 1885, now at Bradford Museum they were confirmed by R. D. Meikle in 1975. In 1879 Lees circulated material from this site through the Botanical Exchange Club and specimens remain in various herbaria. In the description he admits that it does not match the description in English Botany and does not seem to set viable seed – hybrid origin? The hybrid *A. nodiflorum* x *A. repens* has been found near Hornsea Mere (Crackles 1976), determined by Meikle.

Apium inundatum (L.) Rchb. f.
Lesser Marshwort
Status: Regionally Rare

Brough Airfield/Elloughton Ings SE947257 2010 JC
Hoddy Cows spring TA182737 2009 PJC

Petroselinum segetum (L.) W.D.J. Koch
Corn Parsley
Status: Regionally Scarce

| | | | |
|----------------------------|----------|------|-----|
| Fordon | TA060747 | 2014 | TN |
| Haverfield | TA31J | 2014 | PJC |
| Long Bank, Kilnsea | TA41D | 2014 | PJC |
| Partington Haven | TA32A | 2014 | PJC |
| Hunmanby Grange, Cans Dale | TA064754 | 2012 | CIG |
| Paull Holme | TA18-24- | 2004 | SD |

For discussion see Cook (2008).

Sison amomum L.
Stone Parsley
Status: Regionally Scarce

| | | | |
|-----------------------------|----------|------|-----|
| Patrington, Humber Bank | TA31-17- | 2009 | MH |
| Patrington, Outstray | TA322184 | 2002 | MH |
| Patrington, Winestead Drain | TA334183 | 2002 | MH |
| Patrington, Winestead Drain | TA334193 | 2001 | PJC |
| Patrington Haven | TA304205 | 1995 | PJC |

These sites are vulnerable to managed retreat. The sites found in 2002 have been lost (Cook, 2003).

Cicuta virosa L.
Cowbane
Status: Nationally Scarce, Regionally Extinct

Early records from Langwith and the Kexby-Elvington area. Not seen in the county since 1870 (Lees et al. 1941).

Carum carvi L.
Caraway
Status: EN, BAP, Regionally Rare

Old Wife Lane, Cowden TA222426 2005 RM

Thyselium palustre (L.) Raf.
Milk-parsley
Status: VU, Nationally Scarce, Regionally Rare

Wassand TA177466 2011 PJC

Pastinaca sativa L.
Wild Parsnip
Status: Regionally Rare

| | | | |
|----------------------------|----------|------|-------|
| Clough Road, Hull | TA09-31- | 2013 | RM |
| Flamborough, Whelkie Wynds | TA23-70- | 2012 | JDS |
| Spurn Head NNR | TA42-13- | 2004 | MW&DW |

Probably always a casual.

Torilis arvensis (Huds.) Link
Spreading Hedge-parsley
Status: EN, BAP, Nationally Scarce, Regionally Extinct

Last and only record-
Cliffe/Holme-on-Spalding-Moor SE8--3-- 1937 AKW

Torilis nodosa (L.) Gaertn.
Knotted Hedge-parsley
Status: Regionally Secure

This taxon appeared in the first two editions of the RPR. By 2015 there were enough records to consider it secure.

ACORACEAE

Acorus calamus L.
Sweet-flag
Status: Regionally Scarce

| | | | |
|---------------------------------|----------|------|--------|
| Aike, south of | TA051456 | 2013 | JHB&LB |
| Grindale Mere | TA132712 | 2011 | RB |
| Brough Airfield/Elloughton Ings | SE947257 | 2010 | JC |
| Foggathorpe Pond | SE757373 | 2010 | GW&KM |
| *Bishop Burton Large Pond | TA990398 | 2009 | RG |
| *Bishop Burton Small Pond | TA990399 | 2009 | RG |

Probably always planted.

LEMNACEAE

Spirodela polyrhiza (L.) Schleid.
Greater Duckweed
Status: Regionally Rare

| | | | |
|--------------|----------|------|----|
| Hornsea Mere | TA193467 | 2103 | LB |
| Land of Nod | SE83-36- | 1974 | EC |

Lemna gibba L.
Fat Duckweed
Status: Regionally Scarce

| | | | |
|-----------------------------|----------|------|---------|
| Emmotland | TA081513 | 2013 | JHB |
| Derwent, Ruston Carr Bridge | SE961795 | 2008 | CIG |
| Hagg Bridge | SE717453 | 2002 | RG |
| Hall Hills Bridge (N) | SE710438 | 2002 | RG |
| Hall Hills Bridge (S) | SE711442 | 2002 | RG |
| Cowden, bomb crater | TA237422 | 2001 | WRD&PJC |
| Burstwick Drain | TA224286 | 1991 | WRD |

ALISMATACEAE

Baldellia ranunculoides (L.) Parl.

Lesser Water-plantain
Status: NT, Regionally Rare

North Cave SE881325 2003 DJB
Derwent Ings SE7--4-- 1987 CB
Walbut Lock, Pocklington C. SE774441 1986 SAT

Alisma lanceolatum With.

Narrow-leaved Water-plantain
Status: Regionally Scarce

Fish Ponds Wood TA144675 2013 PJC
Pocklington Canal SE780440 2007 DB
Pocklington Canal SE785441 2007 DB
Leven Canal TA102449 2007 DB
Broomfleet Washlands SE868282 2003 MH

Damasonium alisma Mill.

Starfruit
Status: CR, WC, BAP, Nationally Rare, Regionally Extinct

Last and only record-
Stoneferry, Hull TA10-31- 1870s EAP&TD

Reported in Robinson (1902)

HYDROCHARITACEAE

Hydrocharis morsus-ranae L.

Frogbit
Status: VU, Regionally Extinct

*Haggewoods, Escrick! SE6239 2014 BSBI
This is a deliberate and recent introduction.

Last native record-
Hemingborough SE6--3-- 1956 RDG
(HLU: 11715)

There is also an unverified record for this plant made during the "Aquatic Plant Project" at East Cottingwith Lock on the Pocklington Canal, 1971.

Stratiotes aloides L.

Water-soldier
Status: NT, Nationally Rare, Regionally Extinct

*Haggewoods, Escrick! SE6239 2014 BSBI
This is a deliberate and recent introduction.

Last record-
Borrow pit, Pulfin TA052442 1983 RM

First found at this site in 1979 by S. Priest & J. Higgins close to some of its historical stations. (Crackles 1982)

ZOSTERACEAE

Zostera marina L.

Eelgrass
Status: NT, Regionally Rare/Extinct

Spurn Head TA40-11- 1974 FEC

Despite the fact that it is often stated that there are extensive beds of *Z. marina* and *Z. noltei* at Spurn, there are surprisingly few formal records for this genus in East Yorkshire. A good account is given in Pashby (1977).

A survey by Natural England made in 2012 failed to locate this plant.

Zostera noltei Hornem.

Dwarf Eelgrass
Status: VU, Regionally Rare/Extinct

Spurn Head TA4-1-- 1976 BP

Previous surveys had found beds of the plant in Spurn Bight at TA 41731341, TA 41851342 and TA 41863446. These were not present in 2012. (Scott & Page 2012). As less than 1% of the potential area was surveyed it is possible that there are undetected colonies still surviving.

POTAMOGETONACEAE

Potamogeton polygonifolius Pourr.

Bog Pondweed
Status: Regionally Scarce

Allerthorpe Common SE75-47- 2014 EYBC
South Cliffe Common SE860350 2010 GW&KM
Skipwith Common! SE63N 2009 YNU
Wheldrake Wood! SE662469 2004 YNU

Potamogeton coloratus Hornem.

Fen Pondweed
Status: Nationally Scarce, Regionally Extinct

Last record-
Kelleythorpe Marsh (RNG) TA0-5-- 1950 WAS

Potamogeton gramineus L.

Various-leaved Pondweed
Status: Regionally Extinct

Last record-
Lowthorpe TA0--6-- 1890 YNU

Potamogeton alpinus Balb.

Red Pondweed
Status: Regionally Extinct

Last record-
Skerne & Frodingham Becks TA0--5-- 1982 ECha

Formerly common in the River Hull and large drains
{Holderness} (Robinson 1902).

Potamogeton perfoliatus L.

Perfoliate Pondweed
Status: Regionally Rare

Canal, Newport SE856303 2005 RG
Yokefleet SE82-32- 2002 MH

Potamogeton friesii Rupr.

Flat-stalked Pondweed
Status: NT, Nationally Scarce, regionally Secure.

Regionally secure with more than 10 records.

Potamogeton obtusifolius Mert. & W.D.J. Koch

Blunt-leaved Pondweed
Status: Regionally Extinct

There is a 1798 Teesdale specimen collected at Beverley by
R Teesdale in BM. Robinson (1902) regards it as being
present in Hull drains.

Potamogeton bertholdii Fieber

Small Pondweed
Status: Regionally Scarce

Emmotland TA081513 2013 JHB
Hollym Carrs TA329245 2012 PJC
White Drain TA062485 2011 RG
North Cave Wetlands SE880330 2007 RG
Pond near Ganton golf course SE97-78- 2006 CIG
Low Drain TA07-50 2005 RG
Black Drain (S) SE745447 2002 RG
Pocklington C., Coat's Bridge SE785450 2002 RG

There are plenty of earlier records, the taxon may be under-
recorded.

Potamogeton trichoides Cham. & Schltdl.

Hairlike Pondweed
Status: Regionally Rare

Wheldrake Ings SE704434 1993 CDP

This is the first and only vc record.

Potamogeton compressus L.

Grass-wrack Pondweed
Status: EN, BAP, Nationally Scarce, Regionally Extinct

Only record is that of Robert Teesdale (1800) for Beverley
(TA03) in 1798.

Potamogeton acutifolius Link

Sharp-leaved Pondweed
Status: CR, BAP, Nationally Rare, Regionally Extinct

Again the only record is that of Robert Teesdale (1800) for
Beverley (TA03) in 1798. Teesdale's specimens, now in
LINN, have been confirmed by J. E. Dandy and G. Taylor.

Groenlandia densa (L.) Fourr.

Opposite-leaved Pondweed
Status: VU, Regionally Scarce



Easingwold Farm TA063482 2011 KS
Arram Carrs TA048444 2009 KS
Canal Head, Pocklington SE799473 2009 RM
Winteringham pond SE878733 2007 CIG
Kelk Beck TA05Z 2006 DB
Barmston Drain TA053418 2005 RG
Barmston Drain TA053423 2005 RG
Starberry Drain, Watton TA06-47- 2004 MH
Sop Dyke SE745446 2002 RG
Withernsea, roadside ditch TA356257 1999 PJC

RUPPIACEAE

Ruppia maritima L.

Beaked Tasselweed
Status: Regionally Scarce

Kilnsea Wetlands Reserve TA406167 2014 PJC
Kilnsea, Beacon Lane TA415163 2006 PJC
Patington Haven TA318180 2004 MH
Fisherman's Channel TA29-19- 1998 PJC
Kilnsea, Beacon Lagoons TA412169 1992 FEC&PJC

Ruppia cirrhosa (Petagna) Grande

Spiral Tasselweed
Status: NT, Nationally Scarce, Regionally Scarce

Kilnsea Wetlands Reserve TA406167 2014 PJC
Welwick Saltmarsh drain TA333191 1999 PJC
Spurn Head NNR, Canal scrape TA416151 1999 PJC
Kilnsea, Marsh Lane ditch TA414184 1998 PJC
Kilnsea, Beacon Lagoons TA412169 1992 FEC&PJC

For an account of this and the previous taxon see Crackles
(1983).

NARTHECIACEAE

Narthecium ossifragum (L.) Huds.

Bog Asphodel

Status: Regionally Extinct

Last and only record-

Houghton Woods SE8--3-- 1888 JFR

MELANTHIACEAE

Paris quadrifolia L.

Herb-paris

Status: Regionally Extinct

Last record-

Enthorpe Wood SE94D 1976 MC

COLCHICACEAE

Colchicum autumnale L.

Meadow Saffron

Status: NT, Regionally Extinct

“Frequent. Fulford Ings and South Dalton (Baines), where it still grows plentifully.” Robinson (1902).

LILIACEAE

Gagea lutea (L.) Ker Gawl.

Yellow Star-of-Bethlehem

Status: Regionally Extinct

Last record-

Sutton upon Derwent SE7--4-- 1932 DH

Fritillaria meleagris L.

Fritillary

Status: Nationally Scarce, Regionally Extinct

Last record-

Spinney, Sewerby House TA1--6-- (Flintoff 1931)

ORCHIDACEAE

Cephalanthera damasonium (Mill.) Druce

White Helleborine

Status: VU, BAP, Regionally Extinct

Last record-

Melton Wood (HLU:12692) SE9--2-- 1952 DAW

Had previously been found at or near this site by Miss Burnett & Mrs Bisat in 1920 (Robinson 1922).

Epipactis palustris (L.) Crantz

Marsh Helleborine

Status: Regionally Rare/Extinct?

Last record-

R. Hull, Driffield TA0--5-- 1967 MC
Crackles (1990) considered that the plant was still at this site.

This plant has suffered severely from habitat loss.

Epipactis helleborine (L.) Crantz

Broad-leaved Helleborine

Status: Regionally Scarce

Allerthorpe Common!

Osgodby & Lund SE76-47- 2014 EYBC

Low Cowlam!

Cote Wood SE972633 2011 JK

Winestead, Weldon Plantation TA096406 2009 KS

Escrick, Moreby Wood TA314250 1997 PJC

SE60-42- 1996 MH

Epipactis phyllanthes G.E. Sm.

Green-flowered Helleborine

Status: Nationally Scarce, Regionally Extinct

Last record-

South Cave SE9--3-- 1977 JA

This plant was found close to the only previous locality, discovered by Mrs I Grewe in 1954 - “two dozen plants over several acres ...” (Young 1955).

Epipactis dunensis (D. & D.A. Stephenson) Godfery

Dune Helleborine

Status: DD, Nationally Scarce, Regionally Extinct

Only record (Crackles 1990)-

Skipwith Common SE6--3-- 1985 TFM

Determined by A. J. Richards

Neottia nidus-avis (L.) Rich.

Bird's-nest Orchid

Status: NT, Regionally Rare/Extinct

Escrick, Moreby Wood

SE60-42- 1996 MH

Neottia cordata (L.) Rich.

Lesser Twayblade

Status: Regionally Extinct

Last and only record-

Langwith SE6--4-- 1875 HRM

First recorded at this site, a wood four miles east of York, in 1834 (Baines 1840).

Spiranthes spiralis (L.) Chevall.

Autumn Lady's-tresses

Status: NT, Regionally Rare

Fordon Bank

TA05-75- 2013 GJ

Goodyera repens (L.) R. Br.

Creeping Lady's-tresses

Status: Regionally Extinct

Last and only site-

Houghton Woods (SCAR648.503) SE8--3-- 1892 JMM

Herbarium records from this site start in 1841.

***Platanthera chlorantha* (Custer) Rchb.**

Greater Butterfly-orchid
Status: NT, Regionally Rare

Tibthorpe TA96-54- 2011 RA&RM

This seems to be the only consistent site for the plant. Other records from Millington (EC 1975) and Butterwick (PAG 1985).

***Platanthera bifolia* (L.) Rich.**

Lesser Butterfly-orchid
Status: VU, BAP, Regionally Extinct

Last record-
Skipwith Common SE6--3-- 1976 EB

Historical records exist for Langwith (SE64), Houghton Woods (SE83), Brantingham Dale (SE93) and Birkhill Wood (TA03).

Anacamptis morio

(L.) R.M. Bateman, Pridgeon & M.W. Chase
Green-winged Orchid
Status: NT, Regionally Scarce



Anacamptis morio

Fordon Sheepwalks TA054758 2012 RM
Newton Maske SE707495 2012 RM&RG
Swine Moor! TA04K 2009 JKD
Priory Meadows, Hull TA052314 2004 RM
Muston, West End Farm TA09-79- 2000 PQW

Robinson (1902) considered it to be a common plant in Holderness and Derwentland. It has been almost eradicated by the ploughing of permanent pasture.

***Gymnadenia conopsea* (L.) R. Br.**

Fragrant Orchid
Status: Regionally Scarce

Cleaving Coombe! SE86-46- 2014 HNHS
Speeton Cliffs TA15-75- 2013 RM
Kelk, Lakeside TA103604 2012 PJC
Primrose Valley! TA121791 2006 YNU
Flamborough Rty. Cutting TA194707 2009 PJC
Warter east SE87-50- 2006 RM
Catwick, disused gravel pit TA136461 1998 PJC&GH

***Coeloglossum viride* (L.) Hartm.**

Frog Orchid



Coeloglossum viride

Status: VU, BAP, Regionally Rare
Cow Moor, Millington Dale SE847528 2014 YNU
Fordon Sheepwalks TA054758 2009 RM

Most 20th century records are for the Wolds.

***Dactylorhiza incarnata* (L.) Soó**

Early Marsh-orchid
Status: Regionally Rare



Dactylorhiza incarnata

Little Kelk Wetland TA103604 2012 PJC
Tophill Low TA067478 2012 JN

***Dactylorhiza purpurella* (T. & T.A. Stephenson) Soó**

Northern Marsh-orchid
Status: Regionally Scarce



Dactylorhiza purpurella

Coate Bridge Lock SE785452 2014 GJ
 Long Bank, Kilnsea TA41D 2014 PJC
 Withernsea TA346267 2014 PJC
 Primrose Valley -Filey TA122788 2013 GJ
 Harper's Plantation, Foxholes SE999735 2012 CIG
 Little Kelk Wetland TA103604 2012 PJC
 Nunburnholme meadow SE842470 2012 PJC
 Elloughton Wold Woods SE963284 2008 JC
 Hull, S of dis. Withernsea Line TA144298 2008 PAA

***Orchis simia* Lam.**

Monkey Orchid
 Status: VU, WC, BAP, Nationally Rare, Regionally Extinct

Only record-
 Spurn TA421145 1974 – 1981

This colony was first noticed by Mrs A. Fritchley in 1974, reaching a maximum size of 25 plants in 1981. (Crackles 1975b, 1990)

Neotinea ustulata

(L.) R.M. Bateman, Pridgeon & M.W. Chase
 Burnt Orchid
 Status: EN, BAP, Nationally Scarce, Regionally Extinct.

Last Record-
 Hunmanby TA17C 1973 MC

Historical records for several sites in the vice-county.

***Ophrys insectifera* L.**

Fly Orchid
 Status: VU, BAP, Regionally Extinct

Last record-
 Rudston TA0--6-- 1910 CAC

Baines (1840) recorded the plant from Hessle but this is now considered to be a mistake for *O. apifera*.

ALLIACEAE

***Allium schoenoprasum* L.**

Chives
 Status: Nationally Scarce

There is a 19th century record for this plant on Beverley Westwood (JJM, Robinson 1902). Robinson, quite reasonably, dismisses this as a garden relic.

***Allium oleraceum* L.**

Field Garlic
 Status: VU, Regionally Rare

Rillington SE85-73- 2002 MH

This record remains unconfirmed.

***Allium scorodoprasum* L.**

Sand Leek
 Status: Regionally Rare

Meaux TA093395 2002 RM

***Narcissus pseudonarcissus* L.**

Daffodil
 Status: Regionally Rare/Introduced

So widely planted that native plants are difficult to identify.

ASPARAGACEAE

***Convallaria majalis* L.**

Lily-of-the-valley
 Status: Regionally Rare

Little Wold Plantation SE928323 2008 GW
 Millington Wood SE835536 2009 CT

***Polygonatum multiflorum* (L.) All.**

Solomon's-seal
 Status: Regionally Rare

Humber Bridge Country Park TA01-25- 2009 RM

Could this be an escaped *P. x hybridum*?

***Maianthemum bifolium* (L.) F.W. Schmidt**

May Lily
 Status: VU, Nationally Rare, Regionally Rare

Allerthorpe Common! SE76-47- 2014 EYBG

***Hyacinthoides non-scripta* (L.) Chouard ex Rothm.**

Bluebell
 Status: WC, Regionally Secure

Abundant in many woods throughout the vice-county.

TYPHACEAE

***Sparganium natans* L.**

Least Bur-reed
 Status: Regionally Extinct

Recorded by Teesdale (1800) for Swine Moor (TA14), considered extinct by Robinson (1902).

JUNCACEAE

***Juncus compressus* Jacq.**

Round-fruited Rush
 Status: NT, Regionally Rare

East Cottingwith Ings SE700423 2004 MH
 North Duffield Carrs SE697368 2004 MH

***Juncus ranarius* Songien & E.P. Perrier**

Frog Rush
 Status: Regionally Rare

Kilnsea, Beacon Lagoons TA413168 2014 PJC
 North Field Farm, Kilnsea TA41-16- 2013 PJC
 Easington, Biglin's field TA395171 1999 PJC

***Juncus bulbosus* L.**

Bulbous Rush
 Status: Regionally Rare

Allerthorpe Common SE760478 2008 GW
 Tickton Bridge TA07-42- 2005 RG
 Holderness Drain TA07-43- 2005 RG

Juncus maritimus Lam.
Sea Rush
Status: Regionally Rare

Kilnsea TA41-15- 2014 PJC
Spurn Head NNR TA40-11- 2011 MW&DW

Luzula pilosa (L.) Willd.
Hairy Wood-rush
Status: Regionally Scarce



Houghton Moor SE897380 2010 GW&KM
Seaton Old Wood SE788393 2010 GW&KM
Allerthorpe Common SE76-47- 2007 RM
North Cliffe Wood SE83T 2006 RM

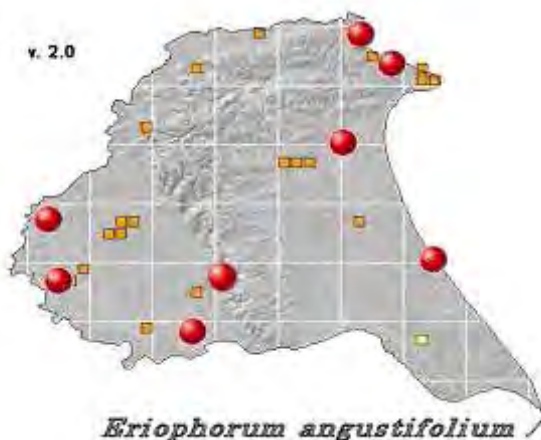
Luzula sylvatica (Huds.) Gaudin
Great Wood-rush
Status: Regionally Rare?

Last record-
Jillywood Lane, Bentley! TA025352 1980 HNHS

Probably still there.

CYPERACEAE

Eriophorum angustifolium Honck.
Common Cottongrass



Status: Regionally Scarce

North Newbald Beckies! SE918371 2014 HNHS
Skipwith Common west! SE63N 2014 HNHS
Heslington Tillmire SE63-47- 2013 RM

Little Kelk Wetland TA103604 2012 PJC
Broomfleet Washlands! SE86-28- 2010 HNHS
Primrose Valley! TA17J 2006 YNU
Cowden , Lark Hill TA248406 2001 PJC
Hoddy Cows Spring TA182737 1998 RF

Eriophorum latifolium Hoppe
Broad-leaved Cottongrass
Status: Regionally Extinct

Last record-
Skipwith Common (HLU13267) SE6--3-- 1954 RDG

Also known from Weedley Springs, SE93-33- (CW, Robinson 1902)

Eriophorum vaginatum L.
Hare's-tail Cottongrass
Status: Regionally Rare?

Houghton Moor SE897380 2010 GW&KM
North Cliffe Wood SE862372 2010 GW&KM
South Cliffe,Bunny Hill Farm SE83M 2004 MH

Trichophorum cespitosum (L.) Hartm.
Deergrass
Status: Regionally Rare

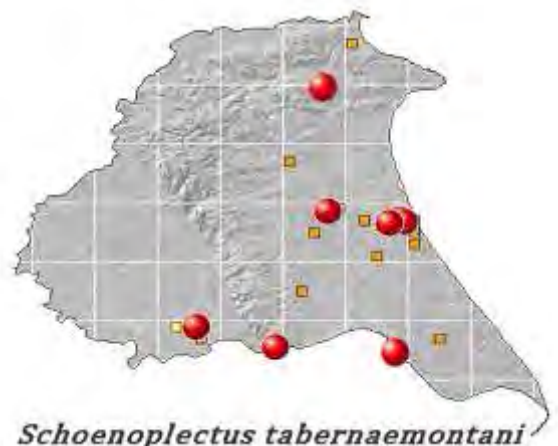
Skipwith Common SE66-38- 2011 RM

Only on Skipwith & Allerthorpe Commons, where it may be in quantity.

Scirpus sylvaticus L.
Wood Club-rush
Status: Regionally Extinct

Last record-
Fulford Ings SE60-49- 1979 EB

Schoenoplectus tabernaemontani (C.C. Gmel.) Palla
Grey Club-rush



Status: Regionally Scarce

Paul Holme! TA12S 2014 BSBI
Swaythorpe TA058699 2014 RM
Burstwick TA22I 2014 PJC
Hornsea Mere SSSI TA186472 2011 PJC
Hornsea Mere SSSI TA194467 2011 PJC
Broomfleet Brick Pits (North) SE864286 2010 GW&KM
Croftings Pond TA169466 2009 KM

Top Hill Low TA072487 2009 KS
 Ings and Priory Fields SE987252 2008 JC

Eleocharis uniglumis (Link) Schult.

Slender Spike-rush
 Status: Regionally Scarce

Nunburnholme Meadow SE842470 2012 PJC
 Hornsea Mere TA20-47- 2010 PJC
 Kilnwick Percy golf course SE816498 2010 PJC
 Broomfleet Washlands SE868282 2003 MH
 Hornsea TA14Y 1999 PJC
 Dunnington SE672519 1996 PJC

Eleocharis multicaulis (Sm.) Desv.

Many-stalked Spike-rush
 Status: Regionally Extinct

Last record-
 Hemingborough (HLU:13401) SE7--2-- 1956 RDG

All records have been from Humber Head Levels.

Eleocharis quinqueflora (Hartmann) O. Schwarz

Few-flowered Spike-rush
 Status: Regionally Rare

Hoddy Cows Spring TA182737 1998 RF

Eleocharis acicularis (L.) Roem. & Schult.

Needle Spike-rush
 Status: Regionally Extinct

Last record-
 Heslington Fields SE6--4-- 1984 EB

Isolepis setacea (L.) R. Br.

Bristle Club-rush
 Status: Regionally Scarce



Danes' Dyke TA215696 2013 RM&JS
 Heslington Tillmire SE63-47- 2013 RM
 Staxton TA011798 2012 PJC
 Swine Moor! TA050412 2009 JKD
 Muston, West End Farm TA08-80- 2003 CIG

Eleogiton fluitans (L.) Link

Floating Club-rush
 Status: Regionally Scarce

Tickton Bridge TA074424 2012 RG&RM
 South Wold Brow SE815576 2007 CL
 Holderness Drain TA07-43- 2005 RG
 Thornton Ellers SE72-45- 1990 TED

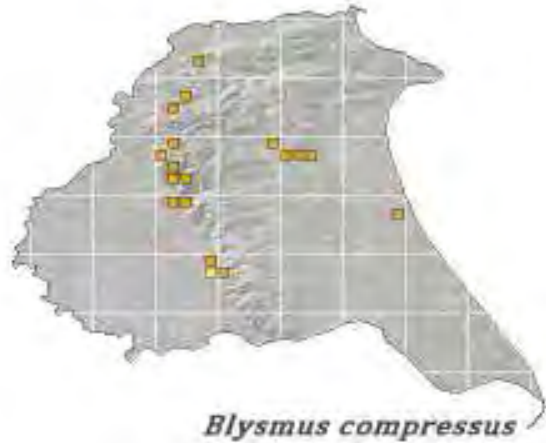
Cyperus longus L.

Galingale
 Status: NT, Nationally Scarce, Regionally alien

*Andrew Marvel School, Hull TA017747 2008 PAA
 Ganton House Dewpond TA017747 2005 CIG
 Crosslands Pond SE878322 2001 RG

Blysmus compressus (L.) Panz. ex Link

Flat-sedge
 Status: VU, BAP, Regionally Extinct?



Last record-
 Newbald Springs SE91-37- 1968 FEC

Crackles (1990) considered it still to be present at Hornsea Mere.

Schoenus nigricans L.

Black Bog-rush
 Status: Regionally Rare/Extinct

Last record-
 Flixton Carrs (site destroyed) SE0--7-- 1971 FEC&MC

Cladium mariscus (L.) Pohl

Great Fen-sedge
 Status: Regionally Rare

Flixton Carr TA025805 2012 PJC

This site was first discovered by Vince Jones.

Carex paniculata L.

Greater Tussock-sedge
 Status: Regionally Scarce

Clough Plantation TA284216 2010 PM
 Thornton Ellers Wood! SE73-45- 2010 YNU
 Bryan Mills SSSI! TA013462 2010 PJC

| | | | |
|---------------------------|----------|------|-----|
| Island west of Bell Mills | TA027566 | 2009 | PJC |
| Wansford Marsh | TA047569 | 2009 | PJC |
| Driffield | TA0--5-- | 2005 | RM |
| Eddlethorpe Manor Farm | SE7--6-- | 1999 | WRM |

Also in Beverley Beck as a known introduction (RG)



Carex appropinquata Schumach.
Fibrous Tussock-sedge
Status: NT, Nationally Scarce, Regionally Extinct

| | | | |
|--------------|-------|------|-----|
| Last record- | | | |
| Pulfin | TA04M | 1968 | FEC |

Carex diandra Schrank
Lesser Tussock-sedge
Status: NT, Regionally Rare

| | | | |
|----------------|----------|------|-----|
| Wansford Marsh | TA047569 | 2009 | PJC |
|----------------|----------|------|-----|

Crackles (1990) considered it to be still present at Kelleythorpe (TA05).

Carex muricata L.
Prickly Sedge
Status: Regionally Extinct

Only record-
Sand pit, Deighton (HLU:14146) SE6--4-- 1956 RDG

This specimen was determined *C. muricata* subsp. *lamprocarpa* (= subsp. *pairae*) by R W David in 1982.

Carex divulsa Stokes **subsp. divulsa**
Grey Sedge

An old error for an atypical growth form of *C. divulsa* subsp. *leersii* at Kirkham (SE76).

Carex divulsa subsp. leersii (Kneuck.) W. Koch
Many-leaved Sedge
Status: Regionally Rare

| | | | |
|----------------------------|----------|------|-----|
| Hudson Way, Raventhorpe | TA00-42- | 2010 | RM |
| Keyingham, disused railway | TA252259 | 1993 | PJC |

Carex arenaria L.
Sand Sedge
Status: Regionally Scarce/Secure

Known from Spurn Head and the adjacent Humber bank where it may be abundant.

Carex divisa Huds.
Divided Sedge
Status: VU, BAP, Nationally Scarce, Regionally Rare

| | | | |
|-----------------------------|----------|------|-----|
| Skeffling | TA368183 | 2014 | PJC |
| Ferriby Ings | SE988253 | 2008 | RDG |
| Broomfleet washland | SE82U | 2003 | MH |
| Easington, N of Lagoon SSSI | TA408184 | 1997 | PJC |

See Suddaby (2003). The latter two sites are now lost.

Carex echinata Murray
Star Sedge
Status: Regionally Scarce

| | | | |
|--------------------|----------|------|-----|
| Wansford Marsh | TA047569 | 2009 | PJC |
| Snowclose Marsh | TA003464 | 2006 | RM |
| Heslington Tilmire | SE63-47- | 2004 | MH |
| Hoddy Cows Spring | TA182737 | 1998 | RF |

Carex dioica L.
Dioecious Sedge
Status: Regionally Extinct

| | | | |
|---------------|----------|------|--------|
| Last records- | | | |
| Buckton | TA1--7-- | 1973 | MC&FEC |
| Speeton | TA1--7-- | 1973 | MC&FEC |

Carex elongata L.
Elongated Sedge
Status: Nationally Scarce, Regionally Extinct

| | | | |
|---------------|----------|------|----|
| Last record- | | | |
| Langwith (BM) | SE6--4-- | 1874 | JC |

Carex canescens L.
White Sedge
Status: Regionally Rare

| | | | |
|-------------|----------|------|----|
| Sutton Wood | SE710485 | 2009 | PM |
|-------------|----------|------|----|

Carex lasiocarpa Ehrh.
Slender Sedge
Status: Regionally Extinct

| | | | |
|--------------|----------|------|---------|
| Last record- | | | |
| Kelleythorpe | TA01-56- | 1950 | FEC&WAS |

Carex pseudocyperus L.
Cyperus Sedge
Status: Regionally Scarce

| | | | |
|----------------------|----------|------|------|
| Haggewoods, Escrick | SE62-39- | 2014 | BSBI |
| Marbottom Plantation | TA003498 | 2009 | KS |
| Saltmarshes Delph | SE770248 | 2009 | GW |
| Station Farm | TA058580 | 2009 | CL |
| Yarmshaw Plantation | SE730287 | 2009 | GW |

Carex rostrata Stokes
 Bottle Sedge
 Status: Regionally Scarce



Carex rostrata

Kelleythorpe marshes TA013561 2010 PJC
 Butcher Haven! TA12-77- 2006 YNU
 North Cave Wetland reserve SE884323 2004 RG
 Roos Bog, Geological SSSI TA273289 1994 PJC

Carex vesicaria L.
 Bladder-sedge
 Status: Regionally Scarce



Carex vesicaria

Thornton Ellers Wood! SE72-45- 2010 YNU
 Rillington, Low Moor Farm SE82-76- 2003 CIG
 Withernsea TA356257 1995 PJC
 Withernsea TA337271 1993 PJC

Carex binervis Sm.
 Green-ribbed Sedge
 Status: Regionally Extinct?

Last records-
 Skipwith-Thorganby SE6--4-- 1981 FEC
 High Catton (near) SE7--5-- 1981 DEH

Carex distans L.
 Distant Sedge
 Status: Regionally Rare

Humber bank TA31Y 2014 BSBI
 Long Bank, Kilnsea TA41D 2014 PJC
 Kilnsea! TA41-15- 2011 YNU
 Easington Lagoon SSSI TA409175 2001 PJC

Carex extensa Gooden.
 Long-bracted Sedge
 Status: Regionally Rare

Long Bank, Kilnsea TA41D 2014 PJC
 Skeffling, Winsetts Bank marsh TA382177 2011 PJC
 Kilnsea, Humber Bank marsh TA405162 2004 PJC

Only known in the Kilnsea area.

Carex hostiana DC.
 Tawny Sedge
 Status: Regionally Rare

Heslington Tilmire SE64I 2004 MH

Carex lepidocarpa Tausch.
 Long-stalked Yellow-sedge
 Status: Regionally Rare

North Newbald Beckies SE918371 2014 HNHS
 The Island, Harpham TA083617 2009 PJC
 Wansford Marsh TA047569 2009 PJC

Carex demissa Hornem.
 Common Yellow-sedge
 Status: Regionally Scarce

Skipwith Common! SE63N 2014 HNHS
 Allerthorpe Common SE752474 2014 EYBC
 Broomfleet washlands! SE86-28- 2010 HNHS
 Strick Pastures TA096512 2009 CL
 Wressle Verge SE725314 2008 KM

Carex oederi Retz.
 Small-fruited Yellow-sedge
 Status: Regionally Extinct?

Last record-
 Skipwith Common SE6--3-- 1974 HP

Carex pallescens L.
 Pale Sedge
 Status: Regionally Rare

Sancton Houghton Hall SE8939 2014 HNHS
 Elloughton Lings Plantation SE959289 2008 JC
 Speeton TA15-75 2003 CIG

Carex pilulifera L.
 Pill Sedge
 Status: Regionally Rare

South Cliffe Common SE86-35- 2010 GW&KM
 Houghton Moor SE897380 2010 GW&KM
 North Cliffe Wood SE83T 2006 RM

Carex elata All.
 Tufted-sedge
 Status: Regionally Scarce?

Old Main Drain, Hull! TA105353 2008 AB
 Sandholme Br. Leven C. TA100450 2005 RG

Still well distributed along the length of Leven Canal.

***Carex pulicaris* L.**

Flea Sedge
Status: Regionally Rare

Houghton Moor SE897380 2010 GW&KM
Heslington Tilmire SE63-47- 2004 MH

POACEAE

***Nardus stricta* L.**

Mat-grass
Status: Regionally Scarce

Allerthorpe Common SE75-47- 2014 EYBG
Heslington Tillmire SE63-47- 2013 RM
Swine Moor! TA048407 1992 JKD
Hotham Carrs SE86-34- 1988 BSBI

***Lolium temulentum* L.**

Darnel
Status: CR, BAP, Nationally Rare, Regionally Extinct

Last record-
North Cave village SE--83-- 1899 JFR

***Festuca arenaria* Osbeck**

Rush-leaved Fescue
Status: Nationally Scarce, Regionally Secure?

This taxon seems to be reasonably frequent at Spurn and along the eastern Humber

***Festuca filiformis* Pourr.**

Fine-leaved Sheep's-fescue
Status: Regionally Extinct

Last record-
Allerthorpe Common SE7--4-- 1955 AKW

This was determined as *F. ovina* subsp. *hirtula* by C E Hubbard – can this be safely recorded as *F. filiformis* rather than *F. ovina*?

***Puccinellia rupestris* (With.) Fernald & Weath.**

Stiff Saltmarsh-grass
Status: Nationally Scarce, Extinct

Only record-
North Landing, Flamborough TA23-72- AMS 1935

This was noted by Sledge in the *Naturalist* (1936) Flowering Plants report for 1935.

***Poa pratensis* subsp. *angustifolia* (L.) Lej.**

Narrow-leaved Meadow-grass
Status: Regionally Rare

Withernsea, disused railway TA33-27- 1999 PJC
Ottringham, disused railway TA276254 1998 PJC

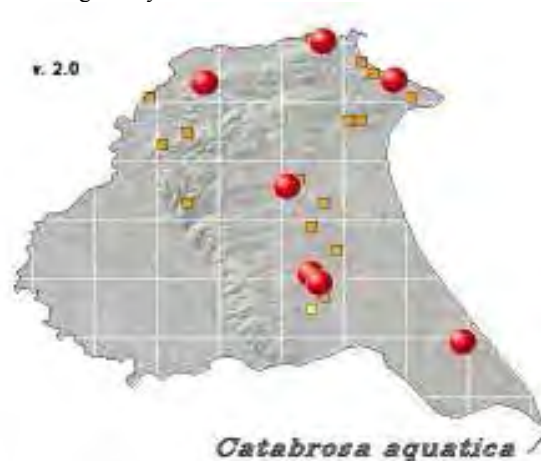
***Poa compressa* L.**

Flattened Meadow-grass
Status: Regionally Scarce/Under-recorded

Patrington TA32B 2014 PJC
Withernsea TA32N 2014 PJC
Marfleet - Withernsea Rly. TA180292 2013 PJC
Marfleet - Withernsea Rly. TA234264 2013 PJC
Marfleet - Withernsea Rly. TA261258 2013 PJC
Marfleet - Withernsea Rly. TA338273 2013 PJC
Gipsey Race, Bridlington TA1867 2011 PJC
Scrub Wood Lane TA033409 2009 KS
Elloughton Wold Woods SE963284 2008 JC
Grimston TA284352 2006 PJC

***Catabrosa aquatica* (L.) P. Beauv.**

Whorl-grass
Status: Regionally Scarce



Roos, Castle fishpond TA291294 2014 PJC
Lebberston Carr TA069803 2013 CIG
Sunderlandwick Oxbow TA011557 2012 PJC
Hoddy Cows Marsh! TA182738 2011 HNHS
Swine Moor TA04K 2009 RM
Figham Pastures TA060390 2008 GW
Winteringham pond SE878733 2007 CIG

***Catapodium marinum* (L.) C.E. Hubb.**

Sea Fern-grass
Status: Regionally Scarce/Under-recorded

Albert Dock, Hull! TA093277 2014 GJ
Long Bank, Kilnsea TA41D 2014 PJC
St Andrew's Quay, Hull TA0626 2014 HNHS
Spurn head NNR TA42-13- 2004 MW&DW

***Parapholis incurva* (L.) C.E. Hubb.**

Curved Hard-grass
Status: Nationally Scarce, Regionally Rare

Spurn NNR, Chalk Bank TA407118 2000 PJC

***Deschampsia setacea* (Huds.) Hack.**

Bog Hair-grass
Status: Nationally Scarce, Regionally Extinct

Last record-
Burton Flemming SE0--7-- 1909

This record from Lees et al. (1941). Earlier record from Skipwith Common.

***Deschampsia flexuosa* (L.) Trin.**

Wavy Hair-grass

Status: Regionally Scarce/Under-recorded?



| | | | |
|---------------------|-----------|------|-------|
| Allerthorpe Common! | SE75-47-- | 2014 | EYBC |
| Heslington Tillmire | SE63-47- | 2013 | RM |
| North Cliffe Wood | SE862372 | 2010 | GW&KM |
| Warren Wood | SE768465 | 2009 | PM |
| Allerthorpe Common | SE760478 | 2008 | GW |
| Houghton Moor | SE88-36-- | 2004 | RG |

***Calamagrostis x gracilescens* (Blytt) Blytt
(*C. canescens* x *stricta*)**

Status: Nationally Rare, Regionally Rare

| | | | |
|-------------|----------|------|-----|
| Leven Canal | TA07-45- | 2001 | PJC |
|-------------|----------|------|-----|

This remains the only place where this rare hybrid has been known to occur for certain. For a full discussion see Crackles (1975a).

***Calamagrostis stricta* (Timm) Koeler**

Narrow Small-reed

Status: VU, BAP, Nationally Rare,
Regionally Rare/Extinct

Last record (only site)-

| | | | |
|-------------|----------|------|-----|
| Leven Canal | TA07-45- | 1970 | FEC |
|-------------|----------|------|-----|

Crackles (1990) considered the plant to still be present, although there are no formal records.

***Apera spica-venti* (L.) P. Beauv.**

Loose Silky-bent

Status: NT, Regionally Scarce



| | | | |
|---------------------------|----------|------|-----|
| Seaton Ross | SE74V | 2014 | RM |
| Patrington | TA32B | 2014 | PJC |
| Willerby Carr! | TA006795 | 2012 | YNU |
| York-Selby track, Escrick | SE619401 | 2012 | PJC |
| Harswell railway line | SE82-39- | 2009 | RM |
| South Cliffe Common | SE86-35- | 2009 | JK |
| Pocklington Canal, Bielby | SE782440 | 2008 | RA |
| Allerthorpe Common | SE761472 | 2003 | PJC |
| Everingham | SE80-41- | 2002 | MH |

***Apera interrupta* (L.) P. Beauv.**

Dense Silky-bent

Status: Regionally Rare

| | | | |
|-----------------|----------|------|--------|
| Potter Brompton | SE983769 | 2014 | CCW&TN |
|-----------------|----------|------|--------|

Seed from this site used at Water Fulford (SE64), 2014.

***Alopecurus aequalis* Sobol.**

Orange Foxtail

Status: Regionally Extinct

Last record-

| | | | |
|----------------------------|----------|------|----|
| Brandesburton (gravel pit) | TA1--4-- | 1969 | MC |
|----------------------------|----------|------|----|

***Phleum arenarium* L.**

Sand Cat's-tail

Status: Regionally Rare

| | | | |
|----------------|----------|------|-------|
| Spurn Head NNR | TA41-12- | 2004 | MW&DW |
|----------------|----------|------|-------|

Known at this site since 1898.

***Glyceria x pedicellata* F. Towns.**

Hybrid Sweet-grass

Status: Regionally Scarce

| | | | |
|-------------------------|----------|------|------|
| Roos south | TA22Z | 2014 | PJC |
| Priory Meadows | TA053314 | 2013 | RM |
| Sancton west | SE83Z | 2013 | HNHS |
| Carr House Farm, Seamer | TA034805 | 2012 | PJC |
| Sunderlandwick Oxbow | TA011557 | 2012 | PJC |
| Hollym Carrs | TA329245 | 2012 | PJC |
| Skipsea Moat and Field | TA160549 | 2011 | PJC |

***Glyceria declinata* Bréb.**

Small Sweet-grass

Status: Regionally Scarce



| | | | |
|-------------------------------|----------|------|-------|
| Burdale | SE86R | 2014 | RM |
| North Newbald Becksies | SE918371 | 2014 | HNHS |
| Potter Brompton, North Screed | SE969786 | 2012 | PJC |
| South Cliffe Carr | SE855351 | 2012 | PN |
| North Cave Beck and Ponds | SE889325 | 2010 | GW&KM |

Hoddy Cows spring TA182737 2009 PJC
 Bransholme Fishing Lakes TA111352 2008 PAA
 Rillington Carr SE82-77- 2003 CIG

Bromus commutatus Schrad.

Meadow Brome
 Status: Regionally Secure

This taxon appeared in the first two editions of the RPR. There are now enough records to regard it as secure.

There has been a rapid expansion of *Bromus commutatus*, *B. racemosus*, *B. secalinus* and *Bromus hordeaceus* subsp. *longipedicellatus* in cereal crop margins in S E Yorkshire, in common with many other areas of Britain, Cook (1997). Subsequent use of herbicide specific to these species has significantly reduced the incidence of records.

Bromus commutatus and *B. racemosus* show a wide variability in measurable characters and only plants at the extremes can be confidently distinguished from one another in the field. The recent records attributable to PJC are a sample of records for which differentiation is certain. This species is expected to decline to pre-1997 rarity.

Bromus racemosus L.

Smooth Brome
 Status: Regionally Scarce

Bielby SE787440 2013 HNHS
 Nunburnholme meadow SE842470 2012 PJC
 Elloughton Dale, east SE956291 2012 PN
 Easington, N of Lagoon SSSI TA408184 1997 PJC

See comments for *Bromus commutatus*.

Bromus secalinus L.

Rye Brome
 Status: VU, Nationally Scarce, Regionally Secure

More than 10 records over the recording period but does not seem to persist.

Anisantha diandra (Roth) Tutin ex Tzvelev

Great Brome
 Status: Regionally Rare

Flixton Carr TA024806 2012 PJC
 Halsham, East End TA291277 2002 PJC
 Gransmoor TA116608 2001 EC&PJC

Sightings of this taxon expanded rapidly in the period 2002 to ca 2008 and have declined markedly since. All records have been found in the margin of crops of barley suggesting that this may have been introduced as a cereal seed contaminant. It may be under recorded as *Anisantha sterilis* and 'over-recorded' for *A. rigida* (see below).

Anisantha rigida (Roth) Hyl.

Ripgut Brome
 Status: Regionally Rare

West Lutton SE96T 2001 PJC

May be under-recorded as either *Anisantha sterilis* or *Anisantha diandra*. The erect posture of the inflorescence is not fully evident until it is mature and the only certain

differentiation is by examination of the spikelet callus. More work needs to be done on these taxa.

Bromopsis benekenii (Lange) Holub

Lesser Hairy-brome
 Status: Nationally Scarce, Regionally Rare/Extinct

Last and only record-
 Wheldrake Ings SE6--4-- 1984 EB

Elytrigia juncea (L.) Nevski

Sand Couch
 Status: Regionally Scarce

Easington seaside TA41E 2014 PJC
 Kilnsea TA417158 2014 PJC
 Spurn Head NNR (5 monads) 2010 MW&DW
 Auburn Sands! TA16R 2006 YNU

Hordeum marinum Huds.

Sea Barley
 Status: VU, BAP, Nationally Scarce, Regionally Extinct

Last record-
 Hedon TA1--2-- 1901 TP

Danthonia decumbens (L.) DC.

Heath-grass
 Status: Regionally Scarce/Under-recorded



Longdale, Thixendale SE836604 2010 PJC
 West Dale Fordon TA035750 2010 CL
 Swine Moor TA04K 2009 RM
 Elloughton Wold Woods SE963284 2008 JC
 Eddlethorpe, Manor Farm SE7--6-- 1999 WRM

Molinia caerulea (L.) Moench

Purple Moor-grass
 Status: Regionally Scarce

Skipwith Common! SE63N 2014 HNHS
 Allerthorpe Common! SE762475 2014 EYBC
 South Cliffe Common SE865345 2012 PN
 Houghton Moor SE897380 2010 GW&KM

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