

www.gov.uk/naturalengland

Request for Quotation

##

## Request for Quotation

**Species Evidence Base data gathering- Plants**

You are invited , to submit a quotation for the requirement described in the specification below.

Please confirm, by email, receipt of these documents and whether you intend to submit a quote.

Your response should be returned to the following email address by: 17:00 7/10/2022

Email: Patrick.shannon-hughes@naturalengland.org.uk

Date:7/10/2022

Time: 17:00

Ensure you state the reference number and ‘Final Submission’ in the subject field to make it clear that it is your response.

**Contact Details and Timeline**

Patrick Shannon-Hughes and Jon Webb (jon.webb@naturalengland.org.uk) will be your contact for any questions linked to the content of the quote pack or the process. Please submit any questions by email to both contacts and note that, unless commercially sensitive, both the question and the response will be circulated to all tenderers.

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| Action | Date |
| Date of issue of RFQ | 14-09-2022 at 17:00 BST |
| Deadline for clarifications questions | 3-10-2022 at 17:00 BST |
| Deadline for receipt of Quotation | 7-10-2022 at 17:00 BST |
| Intended date of Contract Award | 14-10-2022 |
| Intended Contract Start Date | 17-10-2022 |
| Intended Delivery Date / Contract Duration  | 28/02/2023 |

**Glossary**

Unless the context otherwise requires the following words and expressions used within this Request for Quotation shall have the following meanings (to be interpreted in the singular or plural as the context requires):

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| “Authority”  | Means the Department for Environment, Food and Rural Affairs acting as part of Natural England  |
| “RFQ”  | Means this Request for Quotation and all related documents published by the Authority and made available to suppliers  |
| “Contract”  | Means the contract to be entered into by the Authority and the successful supplier.  |

**Conditions applying to the RFQ**

You should examine your response to the RFQ and related documents ensuring it is complete prior to submitting your completed quotation.

Your quotation must contain sufficient information to enable the Authority to evaluate it fairly and effectively. You should ensure that you have prepared your quotation fully and accurately and that prices quoted are arithmetically correct for the units stated.

The supplier by submitting a quotation is deemed to accept the terms and conditions in the RFQ. Failure to comply with the instructions set out in the RTQ may result in the supplier’s exclusion from this procurement.

Page Break

**Acceptance of Quotations**

By issuing this RFQ the Authority does not bind itself to accept any quotation and reserves the right not to award a contract to any supplier who submits a quotation.

**Costs**

The Authority will not reimburse you for any costs and expenses which you incur preparing and submitting your quotation, even if the Authority amends or terminates the procurement process.

**Mandatory Requirements**

The RFQ includes mandatory requirements and, if you do not comply with them, your quotation will not be evaluated.  All mandatory requirements are set out in Bravo.

**Clarifications**

The Authority reserves the right to discuss, confidentially, any aspect of your quotation with you prior to any award of Contract to clarify matters.

**Amendments**

The Authority may amend the RFQ at any time prior to the deadline for receipt. If it amends the RFQ the Authority will notify you in writing and may extend the deadline for receipt in order to give you a reasonable time in which to take the amendment into account.

**Conditions of Contract**

The terms and conditions attached Condensed Terms and Conditions will be included in any contract awarded as a result of this RFQ process. The Authority will not accept any material changes to these terms and conditions proposed by a supplier.

**Specification**

The Authority is Natural England. The Authority’s priorities are to secure a healthy natural environment; a sustainable, low-carbon economy; a thriving farming sector and a sustainable, healthy and secure food supply. Further information about the Authority can be found at: [Natural England](http://www.naturalengland.org.uk/)

**Species Evidence Base**

Currently, species information is scattered, held in the heads of specialists, NGOs, cryptic spreadsheets and many publications. Much information is not available at all e.g., what habitat is a species found in? what are its critical needs? For most practitioners, entertaining the thought of incorporating species recovery is near-impossible without this evidence.

The Species Evidence Base (SEB) will meet these needs by containing novel and useful information on species that can be queried and analysed. It will provide a command of the underlying species evidence, representing the first steps towards holistic species recovery within Natural England’s Nature Recovery Network. It does so by centralising species information in one place in a novel and new way. This Species Evidence Base (SEB) will focus on important species listed in Environment Act targets, notably those associated with the abundance target and the extinction rate target.

This project will serve as a proof-of-concept for a larger project in developing a tool to be used by a wide range of stakeholders. If this pilot proves successful, this project will seek to bring in stakeholders to expand the scope the Species Evidence Base and then develop a website to host SEB, alongside features to assist in extracting and analysis data in the SEB. The first users of this analysis are likely to be Defra, Natural England and other stakeholders like Responsible Authorities, and other Government bodies like the Environment Agency and Forestry Commission.

**Requirement**

We require specialists to gather the data for Plants that includes 612 species (Species listed in Annex 1). Evidence gathered for each species is split into five categories: Trends, Habitats, Pressures, Climate Change and Actions.  In total there will be approximately 50 fields that need addressing for each species (Provisional fields and parameters list in Annex 2- attached) .

For most fields, there will parameters on what can be entered- either Yes/No or multiple choice based on a range. Supplier will fill out the fields based on their current knowledge and understanding for each species. We do not expect there to be existing evidence for all the fields for all species and expect that supplier will use their expertise and experience of Plants to provide their best estimate.

A workbook with the fields will be provided for each Category. Fields that cannot be left blank will be indicated. We expect the supplier to fill in as many of the fields as possible for each species. A comments section will be provided on each workbook for the supplier to provide any extra information they think is relevant, but not recorded elsewhere. There will also be a place to record any comments for a species overall.

After the data gathering exercise has been completed, supplier will be required to attend a three-hour online workshop with specialists who have been gathering evidence for other taxa. The workshop will aim to draw out common themes on the challenges of completing the current dataset, future changes, and additions.

Suppliers will also be required to attend a second workshop specifically on the continued development and refinement of actions for improving species abundance to be held in February

We require personnel who can demonstrate a high degree of expertise in Plants who can draw upon their own knowledge alongside a command of sources of information on Plants to rapidly find answers to complete fields on the range of species included.

**Outputs**

* Attend initiation meeting in the first week of project commencing. Keep NE project manager up to date on progress
* Completed datasets for Plants for Trends, Habitats, Pressures, Climate Change and Actions that includes comments on information not captured and explanations for any gaps in data not supplied.
* Attendance on 3 -hour online workshop for evaluating task and next steps
* Attendance on 3 -hour online workshop for developing actions to increase species abundance
* A brief (2 page maximum) evaluation report on

**Skills Required**

* High degree of expertise in Plants who can draw upon their own knowledge alongside a command of sources of information on Plants to rapidly find answers to complete fields on the range of species included.
* Confidence to provide answers based on limited evidence to complete dataset
* Excellent organisational skills.
* Excellent time management and project management skills to deliver the contract on time and to a high quality.

It is anticipated that this contract will be awarded tor a period of 4 months to end no later than 28/02/2023 Prices will remain fixed for the duration of the contract award period. We may at our sole discretion extend this contract to include related or further work. Any extension shall be agreed in advance of any work commencing and may be subject to further competition.

**Prices**

Prices must be submitted in £ sterling, inclusive of VAT.

**Evaluation Criteria**

Submissions will be evaluated 50% on cost and 50% on quality of submission.

Cost will be evaluated on two criteria:

1. Price per species completed (including VAT) (80%)
2. Total cost of bid (including VAT) (20%)

Quality will be based on the following criteria:

* Personnel: Experience and qualifications of proposed personnel to undertake task. Including describing their range and depth of knowledge for Plants. (60%)
* Project plan: Including timeline and risk management for ensuring project is delivered on time and is of high quality (25%)
* Experience: Previous projects of a similar nature where expertise in Plants and ability to complete project on time is demonstrated (15%)

**Quotation Submission**

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| **Score** | **Justification** |
| For a score of hundred (100):   | Excellent - Response is completely relevant and excellent overall.  The response is comprehensive, unambiguous and demonstrates a thorough understanding of the requirement and provides details of how the requirement will be met in full. |
| For a score of seventy (70):   | Good - Response is relevant and good.  The response demonstrates a good understanding and provides details on how the requirements will be fulfilled.  |
| For a score of fifty (50):   | Acceptable - Response is relevant and acceptable.  The response provides sufficient evidence to fulfil basic requirements. |
| For a score of twenty (20):   | Poor - Response is partially relevant and/or poor.  The response addresses some elements of the requirements but contains insufficient / limited detail or explanation to demonstrate how the requirement will be fulfilled. |
| For a score of zero (0):   | Unacceptable - Nil or inadequate response.  Fails to demonstrate an ability to meet the requirement. |

**Contract Management**

This contract shall be managed on behalf of the Authority by Patrick Shannon-Hughes (Patrick.shannon-hughes@naturalengland.org.uk)

This contract will be managed by a project manager withing Natural England. After an initiation meeting, there will be a scheduled online bi-weekly call with the project manager and a NE expert on Plants. However, if there are no issues a meeting can be replace with a brief update in an email to the project manager to report on progress.

We will raise purchase orders to cover the cost of the services and will issue to the awarded supplier following contract award. Invoices can be submitted with 50% on submission of draft and 50% upon completion.

### Disclosure

All Central Government Departments, their Executive Agencies and Non Departmental Public Bodies are subject to control and reporting within Government. In particular, they report to the Cabinet Office and HM Treasury for all expenditure. Further the Cabinet Office has a cross-Government role delivering overall Government policy on public procurement, including ensuring value for money and related aspects of good procurement practice.

For these purposes, the Authority may disclose within Government any details contained in your quotation. The information will not be disclosed outside Government during the procurement.

In addition, the Authority is subject to the Freedom of Information Act 2000 and the Environmental Information Regulations 2004, which provide a public right of access to information held by public bodies. In accordance with these two statutes, the Authority may be required to disclose information contained in your quotation to any person who submits a request for information pursuant to those statutes.

By submitting a quotation you consent to these terms as part of the procurement.

### Disclaimers

Whilst the information in this RFQ and any supporting information referred to herein or provided to you by the Authority have been prepared in good faith the Authority does not warrant that this information is comprehensive or that it has been independently verified.

The Authority does not:

* make any representation or warranty (express or implied) as to the accuracy, reasonableness or completeness of the RFQ;
* accept any liability for the information contained in the RFQ or for the fairness, accuracy or completeness of that information; or
* accept any liability for any loss or damage (other than in respect of fraudulent misrepresentation or any other liability which cannot lawfully be excluded) arising as a result of reliance on such information or any subsequent communication.

Any supplier considering entering into contractual relationships with the Authority following receipt of the RFQ should make its own investigations and independent assessment of the Authority and its requirements for the goods and/or services and should seek its own professional financial and legal advice.

**Protection of Personal Data**

In order to comply with the General Data Protection Regulations 2018 the contractor must agree to the following:

* You must only process any personal data in strict accordance with instructions from the Authority
* You must ensure that all the personal data that we disclose to you or you collect on our behalf under this agreement are kept confidential.
* You must take reasonable steps to ensure the reliability of employees who have access to personal data.
* Only employees who may be required to assist in meeting the obligations under this agreement may have access to the personal data.
* Any disclosure of personal data must be made in confidence and extend only so far as that which is specifically necessary for the purposes of this agreement.
* You must ensure that there are appropriate security measures in place to safeguard against any unauthorised access or unlawful processing or accidental loss, destruction or damage or disclosure of the personal data.
* On termination of this agreement, for whatever reason, the personal data must be returned to us promptly and safely, together with all copies in your possession or control.

**General Data Protection Regulations 2018**

For the purposes of the Regulations the Authority is the data processor.

The personal information that we have asked you provide on individuals (data subjects) that will be working for you on this contract will be used in compiling the tender list and in assessing your offer. If you are unsuccessful the information will be **held and destroyed within two years** of the award of contracts. If you are awarded a contract it will be retained for the duration of the contract and destroyed within **seven years** of the contract’s expiry.

We may monitor the performance of the individuals during the execution of the contract, and the results of our monitoring, together with the information that you have provided, will be used in determining what work is allocated under the contract, and in any renewal of the contract or in the award of future contracts of a similar nature. The information will not be disclosed to anyone outside the Authority without the consent of the data subject, unless the Authority is required by law to make such disclosures.

**Annex 1: List of Species**

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| --- |
| *Anotrichium barbatum* |
| *Cruoria cruoriaeformis* |
| *Dermocorynus montagnei* |
| *Lithothamnion corallioides* |
| *Padina pavonica* |
| *Phymatolithon calcareum* |
| *Chara baltica* |
| *Chara canescens* |
| *Chara connivens* |
| *Chara intermedia* |
| *Lamprothamnium papulosum* |
| *Nitella tenuissima* |
| *Nitellopsis obtusa* |
| *Tolypella intricata* |
| *Tolypella prolifera* |
| *Achillea millefolium* |
| *Adonis annua* |
| *Aethusa cynapium* |
| *Agrimonia eupatoria* |
| *Ajuga chamaepitys* |
| *Ajuga reptans* |
| *Ajuga pyramidalis* |
| *Alchemilla acutiloba* |
| *Alchemilla glomerulans* |
| *Alchemilla micans* |
| *Alchemilla minima* |
| *Alchemilla monticola* |
| *Alchemilla subcrenata* |
| *Alchemilla wichurae* |
| *Alisma gramineum* |
| *Allium oleraceum* |
| *Allium sphaerocephalon* |
| *Allium ursinum* |
| *Alopecurus geniculatus* |
| *Anagallis arvensis* |
| *Anacamptis morio*  |
| *Anthemis arvensis* |
| *Anthemis cotula* |
| *Anthoxanthum odoratum* |
| *Anthyllis vulneraria* |
| *Apera spica-venti* |
| *Apium repens* |
| *Arabis glabra* |
| *Arabis scabra* |
| *Arenaria norvegica subsp. anglica*  |
| *Armeria maritima subsp. elongata* |
| *Artemisia campestris* |
| *Artemisia campestris subsp. campestris* |
| *Arum italicum* |
| *Arum maculatum* |
| *Asparagus prostratus*  |
| *Asplenium obovatum* |
| *Asplenium septentrionale* |
| *Asplenium trichomanes subsp. pachyrachis* |
| *Astragalus danicus* |
| *Atriplex pedunculata* |
| *Baldellia ranunculoides* |
| *Bellis perennis* |
| *Blackstonia perfoliata* |
| *Blechnum spicant* |
| *Blysmus compressus* |
| *Briza media* |
| *Bromopsis erecta* |
| *Bromus interruptus* |
| *Bromus secalinus* |
| *Bupleurum baldense* |
| *Bupleurum rotundifolium* |
| *Bupleurum tenuissimum* |
| *Buxus sempervirens* |
| *Calamagrostis stricta* |
| *Calluna vulgaris* |
| *Caltha palustris* |
| *Campanula glomerata* |
| *Campanula latifolia* |
| *Campanula patula* |
| *Campanula rapunculus* |
| *Campanula rotundifolia* |
| *Campanula trachelium* |
| *Capsella bursa-pastoris* |
| *Cardamine impatiens* |
| *Cardamine pratensis* |
| *Carduus nutans* |
| *Carex appropinquata* |
| *Carex cespitosa* |
| *Carex depauperata* |
| *Carex diandra* |
| *Carex divisa* |
| *Carex ericetorum* |
| *Carex flava* |
| *Carex maritima* |
| *Carex muricata subsp. muricata* |
| *Carex pendula* |
| *Carex remota* |
| *Carex sylvatica* |
| *Carex vulpina* |
| *Carum carvi* |
| *Centaurea calcitrapa* |
| *Centaurea cyanus* |
| *Centaurium scilloides* |
| *Centaurium tenuiflorum* |
| *Centunculus minimus*  |
| *Cephalanthera damasonium* |
| *Cephalanthera longifolia* |
| *Cephalanthera rubra* |
| *Cerastium arvense* |
| *Cerastium fontanum* |
| *Cerastium glomeratum* |
| *Ceratocapnos claviculata* |
| *Chaenorhinum minus* |
| *Chaerophyllum temulum* |
| *Chamaemelum nobile* |
| *Chenopodium album* |
| *Chenopodium bonus-henricus* |
| *Chenopodium glaucum* |
| *Chenopodium murale* |
| *Chenopodium urbicum* |
| *Chenopodium vulvaria* |
| *Cicendia filiformis* |
| *Circaea lutetiana* |
| *Cirsium acaule* |
| *Cirsium tuberosum* |
| *Clematis vitalba* |
| *Clinopodium acinos* |
| *Clinopodium calamintha* |
| *Clinopodium menthifolium* |
| *Cochlearia pyrenaica subsp. alpina*  |
| *Cochlearia pyrenaica subsp. pyrenaica* |
| *Coeloglossum viride*  |
| *Coincya wrightii* |
| *Colchicum autumnale* |
| *Conopodium majus* |
| *Corallorhiza trifida* |
| *Cornus sanguinea* |
| *Cornus suecica* |
| *Corrigiola litoralis* |
| *Corylus avellana* |
| *Corynephorus canescens* |
| *Crassula aquatica* |
| *Crataegus monogyna* |
| *Crepis foetida* |
| *Crepis mollis* |
| *Crepis paludosa* |
| *Crepis praemorsa* |
| *Cruciata laevipes* |
| *Cuscuta epithymum* |
| *Cynoglossum germanicum* |
| *Cynoglossum officinale* |
| *Cyperus fuscus* |
| *Cyperus longus* |
| *Cypripedium calceolus* |
| *Cystopteris diaphana* |
| *Cytisus scoparius* |
| *Dactylorhiza fuchsii* |
| *Dactylorhiza incarnata subsp. gemmana* |
| *Dactylorhiza incarnata subsp. ochroleuca* |
| *Damasonium alisma* |
| *Daphne laureola* |
| *Daphne mezereum* |
| *Damasonium alisma* |
| *Daucus carota* |
| *Deschampsia cespitosa* |
| *Dianthus armeria* |
| *Dianthus deltoides* |
| *Dianthus gratianopolitanus* |
| *Digitalis purpurea* |
| *Diphasiastrum complanatum* |
| *Drosera anglica* |
| *Dryopteris cristata* |
| *Eleocharis palustris subsp. palustris* |
| *Epipactis dunensis* |
| *Epipactis leptochila*  |
| *Epipactis sancta* |
| *Epipogium aphyllum* |
| *Equisetum ramosissimum* |
| *Erica cinerea* |
| *Eriophorum gracile* |
| *Eryngium campestre* |
| *Euonymus europaeus* |
| *Euphorbia amygdaloides* |
| *Euphorbia exigua* |
| *Euphorbia helioscopia*  |
| *Euphorbia hyberna* |
| *Euphrasia arctica* |
| *Euphrasia arctica subsp. arctica* |
| *Euphrasia arctica subsp. borealis* |
| *Euphrasia confusa* |
| *Euphrasia frigida* |
| *Euphrasia micrantha* |
| *Euphrasia officinalis subsp. anglica*  |
| *Euphrasia officinalis subsp. Monticola* |
| *Euphrasia officinalis subsp. pratensis*  |
| *Euphrasia ostenfeldii* |
| *Euphrasia pseudokerneri* |
| *Euphrasia rivularis* |
| *Euphrasia vigursii* |
| *Fallopia dumetorum* |
| *Festuca rubra subsp. scotica* |
| *Filago lutescens* |
| *Filago minima* |
| *Filago pyramidata* |
| *Filago vulgaris* |
| *Filipendula vulgaris* |
| *Frankenia laevis* |
| *Fumaria parviflora* |
| *Fumaria purpurea* |
| *Fumaria vaillantii* |
| *Galeopsis angustifolia* |
| *Galeopsis speciosa* |
| *Galium mollugo* |
| *Galium odoratum* |
| *Galium palustre* |
| *Galium parisiense* |
| *Galium pumilum s.l.* |
| *Galium saxatile* |
| *Galium tricornutum* |
| *Genista anglica* |
| *Genista pilosa* |
| *Gentianella amarella subsp. septentrionalis* |
| *Gentianella anglica* |
| *Gentianella campestris* |
| *Gentianella germanica* |
| *Gentianella uliginosa* |
| *Gentianopsis ciliata*  |
| *Geranium sylvaticum* |
| *Geum urbanum* |
| *Glebionis segetum* |
| *Glechoma hederacea* |
| *Gnaphalium sylvaticum* |
| *Groenlandia densa* |
| *Gymnadenia densiflora* |
| *Gymnadenia conopsea* |
| *Hedera helix* |
| *Helianthemum apenninum* |
| *Helianthemum oelandicum subsp. levigatum* |
| *Helictotrichon pratense* |
| *Heracleum sphondylium* |
| *Heracleum sphondylium subsp. flavescens* |
| *Herminium monorchis* |
| *Herniaria ciliolata subsp. ciliolata* |
| *Hieracium sect. Alpestria* |
| *Hieracium aequiserratum* |
| *Hieracium amnicola* |
| *Hieracium ampliatiforme* |
| *Hieracium anguinum* |
| *Hieracium angustatum* |
| *Hieracium apiculatidens* |
| *Hieracium argutifolium* |
| *Hieracium bakeranum* |
| *Hieracium brigantum* |
| *Hieracium britanniciforme* |
| *Hieracium britannicum*  |
| *Hieracium caesionigrescens* |
| *Hieracium caesitium auct. Angl.* |
| *Hieracium candelabrae* |
| *Hieracium chrysolorum* |
| *Hieracium commixtum* |
| *Hieracium crebridens* |
| *Hieracium cumbriense* |
| *Hieracium cuneifrons*  |
| *Hieracium cyathis* |
| *Hieracium dalense* |
| *Hieracium dentulum* |
| *Hieracium dowardense* |
| *Hieracium eminentiforme* |
| *Hieracium eustomon* |
| *Hieracium filisquamum* |
| *Hieracium fissuricola*  |
| *Hieracium glanduliceps* |
| *Hieracium holophyllum*  |
| *Hieracium inaequilaterum* |
| *Hieracium integratum* |
| *Hieracium itunense* |
| *Hieracium jaculifolium* |
| *Hieracium lakelandicum* |
| *Hieracium leyanum* |
| *Hieracium lortetiae* |
| *Hieracium maculoides* |
| *Hieracium mammidens* |
| *Hieracium megapodium* |
| *Hieracium microspilum* |
| *Hieracium mirandum*  |
| *Hieracium naviense*  |
| *Hieracium ornatilorum* |
| *Hieracium pachyphylloides* |
| *Hieracium peccense* |
| *Hieracium peroblongum* |
| *Hieracium pollichiae* |
| *Hieracium portlandicum* |
| *Hieracium prominentidens* |
| *Hieracium promontoriale* |
| *Hieracium pulchrius* |
| *Hieracium rhomboides auct. Angl.* |
| *Hieracium sinuolatum* |
| *Hieracium stenolepiforme* |
| *Hieracium stictum* |
| *Hieracium subbritannicum* |
| *Hieracium subgracilentipes* |
| *Hieracium sublasiophyllum* |
| *Hieracium subplanifolium* |
| *Hieracium subprasinifolium* |
| *Hieracium surrejanum* |
| *Hieracium vagicola* |
| *Himantoglossum hircinum* |
| *Hieracium subgracilentipes* |
| *Hippocrepis comosa* |
| *Holcus lanatus* |
| *Hordeum marinum* |
| *Hordeum secalinum* |
| *Hyacinthoides non-scripta* |
| *Hydrilla verticillata* |
| *Hydrocharis morsus-ranae* |
| *Hydrocotyle vulgaris* |
| *Hymenophyllum wilsonii* |
| *Hyoscyamus niger* |
| *Hypericum linariifolium* |
| *Hypericum maculatum subsp. maculatum* |
| *Hypericum montanum* |
| *Hypericum tetrapterum* |
| *Hypochaeris glabra* |
| *Hypochaeris radicata* |
| *Hypochaeris maculata* |
| *Hypopitys monotropa* |
| *Hypopitys monotropa subsp. hypophegea*  |
| *Hypopitys monotropa sunsp. monotropa*  |
| *Iberis amara* |
| *Ilex aquifolium* |
| *Illecebrum verticillatum* |
| *Imperatoria ostruthium*  |
| *Inula conyzae* |
| *Iris pseudacorus* |
| *Isoetes histrix* |
| *Jasione montana* |
| *Juncus capitatus* |
| *Juncus compressus* |
| *Juncus pygmaeus* |
| *Juncus squarrosus* |
| *Juniperus communis*  |
| *Juniperus communis subsp. hemisphaerica* |
| *Kickxia elatine* |
| *Kickxia spuria* |
| *Knautia arvensis* |
| *Koeleria vallesiana* |
| *Lactuca saligna* |
| *Lamiastrum galeobdolon subsp. galeobdolon* |
| *Lamium amplexicaule* |
| *Lathyrus aphaca* |
| *Lathyrus palustris* |
| *Leersia oryzoides* |
| *Leucanthemum vulgare* |
| *Limonium recurvum* |
| *Linum catharticum* |
| *Liparis loeselii* |
| *Lithospermum arvense* |
| *Lobelia urens* |
| *Lolium temulentum* |
| *Lonicera periclymenum* |
| *Lotus angustissimus* |
| *Luronium natans* |
| *Luzula pallescens*  |
| *Lycopodiella inundata* |
| *Lycopus europaeus* |
| *Lysimachia nemorum* |
| *Lythrum hyssopifolia* |
| *Lythrum salicaria* |
| *Maianthemum bifolium* |
| *Matricaria recutita* |
| *Matthiola sinuata* |
| *Medicago lupulina* |
| *Medicago minima* |
| *Melampyrum arvense* |
| *Melampyrum cristatum* |
| *Melampyrum sylvaticum* |
| *Melica uniflora* |
| *Melittis melissophyllum* |
| *Mentha pulegium* |
| *Mentha suaveolens* |
| *Mercurialis perennis* |
| *Mertensia maritima* |
| *Meum athamanticum* |
| *Microthlaspi perfoliatum*  |
| *Milium effusum* |
| *Minuartia hybrida* |
| *Minuartia stricta* |
| *Minuartia verna* |
| *Misopates orontium* |
| *Moehringia trinervia* |
| *Muscari neglectum* |
| *Mycelis muralis* |
| *Myosotis alpestris* |
| *Myosurus minimus* |
| *Myriophyllum verticillatum* |
| *Najas flexilis* |
| *Najas marina* |
| *Nardus stricta* |
| *Neotinea ustulata*  |
| *Neottia nidus-avis* |
| *Neottia ovata* |
| *Nepeta cataria* |
| *Oenanthe fistulosa* |
| *Oenanthe silaifolia* |
| *Onobrychis viciifolia* |
| *Ophioglossum lusitanicum* |
| *Ophioglossum vulgatum* |
| *Ophrys fuciflora* |
| *Ophrys insectifera* |
| *Orchis anthropophora*  |
| *Orchis militaris* |
| *Orchis purpurea* |
| *Orchis simia* |
| *Origanum vulgare* |
| *Ornithopus perpusillus* |
| *Orobanche caryophyllacea* |
| *Orobanche picridis*  |
| *Orobanche purpurea* |
| *Orobanche rapum-genistae* |
| *Orobanche reticulata* |
| *Osmunda regalis* |
| *Oxalis acetosella* |
| *Papaver argemone* |
| *Pastinaca sativa* |
| *Persicaria lapathifolia* |
| *Persicaria minor* |
| *Persicaria mitis* |
| *Petasites hybridus* |
| *Petrorhagia nanteuilii* |
| *Petrorhagia prolifera* |
| *Phalaris arundinacea* |
| *Phyllitis scolopendrium* |
| *Phyteuma spicatum* |
| *Pilosella officinarum* |
| *Pilosella peleteriana* |
| *Pilularia globulifera* |
| *Pimpinella major* |
| *Plantago coronopus* |
| *Plantago media* |
| *Platanthera bifolia* |
| *Platanthera chlorantha* |
| *Poa glauca* |
| *Polygala amarella* |
| *Polygala vulgaris subsp. collina* |
| *Polygonatum verticillatum* |
| *Polygonum maritimum* |
| *Polystichum lonchitis* |
| *Potamogeton acutifolius* |
| *Potamogeton compressus* |
| *Potamogeton friesii* |
| *Potamogeton nodosus* |
| *Potamogeton praelongus* |
| *Potentilla anserina* |
| *Potentilla argentea* |
| *Potentilla fruticosa* |
| *Potentilla sterilis* |
| *Primula elatior* |
| *Primula farinosa* |
| *Primula veris* |
| *Prunus spinosa* |
| *Pseudorchis albida* |
| *Puccinellia fasciculata* |
| *Pulicaria vulgaris* |
| *Pulmonaria obscura* |
| *Pulsatilla vulgaris* |
| *Pyrola media* |
| *Pyrola rotundifolia subsp. rotundifolia* |
| *Pyrus cordata* |
| *Radiola linoides* |
| *Ranunculus arvensis* |
| *Ranunculus bulbosus* |
| *Ranunculus ophioglossifolius* |
| *Ranunculus repens* |
| *Ranunculus reptans* |
| *Ranunculus tripartitus* |
| *Reseda lutea* |
| *Rhamnus cathartica* |
| *Rhinanthus minor* |
| *Rhinanthus minor subsp. calcareus* |
| *Rhinanthus minor subsp. monticola* |
| *Romulea columnae* |
| *Rosa agrestis* |
| *Rumex acetosa* |
| *Rumex acetosella* |
| *Rumex rupestris* |
| *Ruppia cirrhosa* |
| *Ruscus aculeatus* |
| *Salicornia emerici*  |
| *Salicornia obscura* |
| *Salix lapponum* |
| *Salsola kali* |
| *Salvia pratensis* |
| *Sanguisorba officinalis* |
| *Sanicula europaea* |
| *Saxifraga granulata* |
| *Saxifraga hirculus* |
| *Saxifraga hypnoides* |
| *Scandix pecten-veneris* |
| *Scabiosa columbaria* |
| *Schoenoplectus triqueter* |
| *Scirpoides holoschoenus* |
| *Scirpus sylvaticus* |
| *Scleranthus annuus* |
| *Scleranthus annuus subsp. annuus* |
| *Scleranthus annuus subsp. polycarpos* |
| *Scleranthus perennis subsp. prostratus*  |
| *Scorzonera humilis* |
| *Scutellaria galericulata* |
| *Sedum anglicum* |
| *Sedum villosum* |
| *Selinum carvifolia* |
| *Senecio paludosus* |
| *Seseli libanotis* |
| *Sherardia arvensis* |
| *Silaum silaus* |
| *Silene conica* |
| *Silene dioica* |
| *Silene flos-cuculi* |
| *Silene gallica* |
| *Silene latifolia* |
| *Silene noctiflora* |
| *Silene nutans* |
| *Silene otites* |
| *Silene suecica (Lychnis alpina)* |
| *Sium latifolium* |
| *Solidago virgaurea* |
| *Sonchus arvensis* |
| *Sonchus oleraceus* |
| *Sorbus admonitor* |
| *Sorbus anglica* |
| *Sorbus bristoliensis* |
| *Sorbus cheddarensis* |
| *Sorbus domestica* |
| *Sorbus eminens* |
| *Sorbus eminentiformis* |
| *Sorbus eminentoides* |
| *Sorbus lancastriensis* |
| *Sorbus leighensis* |
| *Sorbus margaretae* |
| *Sorbus parviloba* |
| *Sorbus rupicoloides* |
| *Sorbus saxicola* |
| *Sorbus subcuneata* |
| *Sorbus vexans* |
| *Sorbus whiteana* |
| *Sorbus wilmottiana* |
| *Spartina maritima* |
| *Spergula arvensis* |
| *Spergularia rubra* |
| *Spiranthes spiralis* |
| *Stachys arvensis* |
| *Stachys germanica* |
| *Stachys officinalis* |
| *Stellaria graminea* |
| *Stellaria holostea* |
| *Stellaria palustris* |
| *Stratiotes aloides* |
| *Succisa pratensis* |
| *Symphytum officinale* |
| *Tamus communis* |
| *Taraxacum akteum* |
| *Taraxacum beeftinkii* |
| *Taraxacum hygrophilum* |
| *Taraxacum margettsii* |
| *Taraxacum pseudonordstedtii* |
| *Teesdalia nudicaulis* |
| *Tephroseris integrifolia* |
| *Teucrium scordium* |
| *Teucrium scorodonia* |
| *Thyselium palustre*  |
| *Torilis arvensis* |
| *Torilis japonica* |
| *Trichophorum cespitosum*  |
| *Trifolium bocconei* |
| *Trifolium campestre* |
| *Trifolium dubium* |
| *Trifolium ochroleucon* |
| *Trifolium pratense* |
| *Trifolium strictum* |
| *Triglochin palustre* |
| *Tripleurospermum inodorum* |
| *Turritis glabra (Arabis glabra)* |
| *Utricularia intermedia s.l.* |
| *Utricularia intermedia s.s.* |
| *Utricularia ochroleuca* |
| *Utricularia stygia* |
| *Valeriana dioica* |
| *Valeriana officinalis* |
| *Valerianella dentata* |
| *Valerianella rimosa* |
| *Veronica arvensis* |
| *Veronica montana* |
| *Veronica officinalis* |
| *Veronica serpyllifolia subsp. humifusa* |
| *Veronica triphyllos* |
| *Veronica verna* |
| *Vicia bithynica* |
| *Vicia cracca* |
| *Vicia hirsuta* |
| *Vicia lutea* |
| *Vicia orobus* |
| *Vicia parviflora* |
| *Viola arvensis* |
| *Viola canina* |
| *Viola canina subsp. canina* |
| *Viola canina subsp. montana* |
| *Viola kitaibeliana* |
| *Viola lactea* |
| *Viola persicifolia* |
| *Viola tricolor* |
| *Viola tricolor subsp. tricolor* |
| *Wahlenbergia hederacea* |
| *Wolffia arrhiza* |
| *Woodsia ilvensis* |
| *Zostera marina* |
| *Zostera noltei* |