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| **Minor Award Name** | **Plant Identification & Use** |
| **Minor Award Code** | 5N2527 |
| **Level** | 5 |

**Some suggested resources to support delivery:**

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| --- | --- | --- | --- | --- |
| **Theme/Topic** | **Type** | **Relevance** | **Author/Source** | **Web Link** |
| **Nomenclature & Taxonomy** | Document | Struggling to understand the meaning of botanical plant names? This website is for you. | The Seed Site | <http://theseedsite.co.uk/latin.html> |
| Online Quiz | Plants identified will also require to be classified by family so this website is helpful | Biology Dept Clermount College USA | <http://biology.clc.uc.edu/courses/bioall/plant%20families.htm> |
| Crossword | Plant Family Crossword Puzzle | Waynes Word | <http://waynesword.palomar.edu/plfam1.htm> |
| Document | Biological Classification and it’s rules | Biology Dept Buffalo College | <http://www.bio200.buffalo.edu/labs/nomenclature.html> |
| Website | An online textbook of natural history | Waynes Word | <http://waynesword.palomar.edu/indxwayn.htm> |
| Video | Taxonomy & The Tree of Life | Khan Academy | <https://youtu.be/oHvLlS_Sc54?list=PL45F6A0BF66AD2FDF> |
| PDF | Quick Guide to Plant Families | Dr Matthew Jebb NBG Glasnevin | <http://botanicgardens.ie/educ/quick.pdf> |
| **Glossary of Terms** | Website | A glossary of terms along with plant photos explaining the specific epithet | School of Ag & Food Science UCD | <http://www.ucd.ie/plantmat/glossaryofterms> |
| Blog | A brief list of botanical terms and their definitions. | Miranda Hodgson | <http://www.wildchicken.com/nature/garden/ga007_botanical_words_and_definitions.htm> |
| Textbook | Kingdom Plantae (Plant Divisions) | Waynes Word | <http://waynesword.palomar.edu/trmar99.htm#plantae> |
| Botany & Botanical Keys | Online Course | An online course in Botany | Identiplant | <http://identiplant.co.uk/plant2015wp> |
| Booklet | So you want to know your plants?  A guide for future field botanists | Botanical Society of Britain & Ireland (BSBI) | <http://bsbi.org.uk/Know_your_plants.pdf> |
| Booklet | Resources for Beginners | Clare O Reilly  BSBI | <http://www.bsbi.org.uk/Resources.pdf> |
| Website | Inflorescence Terminology | Wayne Word | <http://waynesword.palomar.edu/terminf1.htm> |
| Video | Using a dichotomous key | UK Forestry Dept | <https://youtu.be/UGSW8aFvr_Q> |
| Online Quiz | Dichotomous Key to Families | New England Wildflower Soc. | <https://gobotany.newenglandwild.org/dkey/#c1,c2> |
| Article | 50 Years in Irish Botany | Daniel L Kelly BSBI | <http://www.bsbi.org.uk/50_years_of_BSBI_in_Ireland_Daniel_L_Kelly.pdf> |
| Online Key | An online botanical key for wild plants in Ireland | BSBI | <http://www.botanicalkeys.co.uk/flora> |
| Article | Beatrix Potter, the acclaimed children's book author also was an ahead-of-her-time botanist | Manasee Wagh The Scientist | <http://www.the-scientist.com/?articles.view/articleNo/24954/title/Beatrix-Potter--scientist> |
| Field Guide | The Wildflowers of Ireland | Zoe Devlin Author | <http://www.collinspress.ie/the-wildflowers-of-ireland.html> |
| **A – Z of Plants** | Documentary | The Botany of Desire - an eye-opening exploration of the human relationship with the plant world | Public Broadcasting Station (PBS) / Youtube | <https://youtu.be/GdXOeWMwX-4?list=PLHWbuC0VQYNyO8YGkg96FbrUrhHf7TWLc> |
| Book | The Botany of Desire focuses on 4 plants that has been under artificial selection by humans for quite different functions such as sweetness (apple), beauty (tulip), intoxication (cannabis) and high calorie content (potato). Interesting read! | Michael Pollan Author | <http://www.amazon.com/gp/product/0375760393?ref_=cm_lmf_tit_4> |
| Movie | The Botany of Desire – this movie is based on the book of the same name written by Michael Pollan | Uzay Sezen Nature Documentaries | <http://naturedocumentaries.org/126/the-botany-of-desire> |
| Blog | This charity has spent over thirty years researching, finding and propagating Irish plants. This lifetime work is documented on their website. | Irish Garden Plant Society | <http://irishgardenplantsociety.com> |
| Website | Alpine Society of Irelands website covers the growing, propagation and conservation of alpine, rock garden and woodland plants, small hardy herbaceous plants, hardy and half-hardy bulbs, hardy ferns and small shrubs. | Alpine Society of Ireland | <http://www.alpinegardensociety.ie> |
| Blog | Wildflowers of Wexford | Paul Green | <http://wildflowersofwexford.blogspot.ie> |
| Books | In this website you will find all the publications produced by the Botanical Society of Britain and Ireland (BSBI). The society publishes a wide range of books on Botany, including a series of handbooks on 'difficult' plant groups. | Summerfield Books | <http://www.summerfieldbooks.com/search.asp?types=BSBI+Publications> |
| Database | An up to date database of all invasive non-native plant species | Northern Ireland Environment Agency & NPWS | <http://invasivespeciesireland.com> |
| PDF | Ten Good Reasons to Plant A Tree | Fiann Ó Nualláin Author | <http://www.bordbia.ie/consumer/gardening/GardeningArticles/Documents/10%20good%20reasons%20or%20more%20to%20plant%20a%20tree.pdf> |
| Website | Tree & Shrub Specialists | Fermoy Woodland | <http://fermoywoodland.ie> |
| Website | Irish Nut Growers Association – all you need to know about growing nuts in Ireland | Irish Nut Growers | <http://www.irishnutgrowers.ie> |
| Website | Look up, view a photo and read about plants growing in MBG. Plants are listed by scientific name, common name and plant characteristics are given. MBG has a similar climate to ours. | Missouri Botanic Gardens (MSG) USA | <http://www.missouribotanicalgarden.org/plantfinder/plantfindersearch.aspx> |
| Website | Wildflowers & Weeds of Ireland | Zoe Devlin | <http://www.wildflowersofireland.net> |
| PDF | Interior landscaping / Houseplants | Fiann Ó Nualláin Author | <http://www.bordbia.ie/consumer/gardening/GardeningArticles/Documents/Interior%20landscaping%20in%20the%20workplace,%20benefits%20to%20business.pdf> |
| PDF | Articles produced by Bord Bia covering 20 different topics from bedding to fruit | Start Gardening Series Bord Bia | <http://www.bordbia.ie/consumer/gardening/itsgardentime/pages/gardentips.aspx> |
| Website | Specialist nursery for unusual herbaceous perennials and grasses | Liat Schurmann Mount Venus | <http://www.mountvenusnursery.com/MVN/MVHome2.html> |
| Website | Irish Flora | NBG Glasnevin | <http://www.botanicgardens.ie/herb/census/flora.htm> |
| Website | Helpful website whether growing fruit or vegetables. Also covers square foot gardening and green manures | Niall Mc Allister Quickcrop | <https://www.quickcrop.ie> |
| Book | Based on authors gardening experiences in an Irish climate and under Irish conditions, this book covers all that’s needed to know about growing vegetables. A must read! | Klaus Laitenberg Author / Lecturer | <http://www.greenvegetableseeds.com/the-books> |
| PDF | The Benefits of Community Gardening | Ruth O’Connor Bord Bia | <http://www.bordbia.ie/consumer/gardening/GardeningArticles/ScientificArticles/The_Benefits_of_Community_Gardens.pdf> |
| Documentary | Heritage Garden Donnybrook Dublin 4 | Church Services TV on Vimeo | <https://vimeo.com/86348875> |
| Website | Herb grower & supplier | Jekka McVicar | <https://www.jekkasherbfarm.com> |
| Website | Organic grower / supplier of herbs in Ireland | Denise Dunne The Herb Garden | <http://www.theherbgarden.ie> |
| Article | Planting with 1916 in mind (topical)  Very topical discussion for a class given 2016 is just around the corner. In this article Diarmuid Gavin's discusses a design for a 1916 garden of remembrance | Diarmuid Gavin / Irish Independent | <http://www.independent.ie/life/home-garden/gardens/diarmuid-gavin-planting-peace-31110661.html> |
| Guided Tour | The Arboretum is a plant collection of international standing. Covering 252 hectares with over 4.5k species of tree and shrub this arboretum is worth a visit! | JFK Arboretum Wexford | <http://www.heritageireland.ie/en/south-east/thejohnfkennedyarboretum> |
| Website | A comprehensive list of Vascular plants (flowering plants, conifers, ferns and their allies) and of *Bryophytes* (mosses and liverworts). | RBG Kew and Missouri Botanic Gardens | <http://www.theplantlist.org> |
| Database | Excellent online images and information on all plants suitable for the Irish climate. | Anthea Howbert & Tig Mays | <https://www.howbertandmays.ie> |
| Phone App | Explore the historic glasshouses and Great Palm House at NBG Glasnevin | Ingenious Ireland NBG Glasnevin | <http://ingeniousireland.ie/product/dublin-botanic-gardens-green-audio-tour-copy> |
| **How To Plant & Maintain Plants** | Video | Terrific selection of videos covering everything the novice gardener requires from planting to pruning | Mark Abbott Compton | <https://www.youtube.com/user/LearnHowToGarden> |
| Database | Biggest gardening website in the UK | Crocus | [crocus.co.uk](http://crocus.co.uk) |
| Database | Access a database of over 20k plants. Build up a personal plant list and get monthly plant care reminders by email | Nicola Gammon Shoot Gardening | [shootgardening.co.uk](http://shootgardening.co.uk) |
| Video | No Dig Method | Charles Dowding | <http://www.charlesdowding.co.uk/no-dig-method-with-charles-dowding> |

**Useful Organisations:**

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| **Name** | **Contact Information** |
| Bord Bia | <http://www.bordbia.ie/consumer/gardening/pages/default.aspx> |
| Teagasc | <http://www.teagasc.ie> |
| Irish Garden Magazine | <http://www.garden.ie> |
| National Botanic Gardens Glasnevin | <http://www.botanicgardens.ie> |
| Royal Horticultural Society | <https://www.rhs.org.uk/> |
| Jane Powers (author, photographer and gardening correspondent for the *Sunday Times* in Ireland) | <http://www.onebeanrow.com> |
| Coillte | <http://www.woodlandrestoration.ie/plants-and-animals-of-priority-woodlands.php> |
| National Parks & Wildlife Service (NPWS) | <http://www.npws.ie/education> |
| Trinity College Dublin (Botany Dept) | <http://botanytcd.blogspot.ie> |
| BEC Consultants | [www.botanicalenvironmental.com](http://www.botanicalenvironmental.com) |
| Exam Papers | <http://www.mocks.ie> |
| Intel Education - Exam Papers & Study notes | <http://inteleducationresources.intel.co.uk/content.aspx?id=846> |
| Met Eireann (Weather) | <http://www.met.ie> |
| Agro Forestry | <https://www.agroforestry.co.uk> |

**Other Resources:**

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| **MOOCs (Massive Online Open Courses)** | |
| Online courses delivered mainly by Universities and Colleges worldwide.  Useful to search regularly for new courses and new start dates. Most courses are free. Charge often applies if assessment and certification is required.  Provide excellent CPD for individuals or resources that can support teaching and learning. | What is a MOOC?  <https://www.youtube.com/watch?v=eW3gMGqcZQc>  Providers of MOOCs  e.g.  <https://www.mooc-list.com/>  <https://www.coursera.org/>  <https://www.udemy.com/>  <http://www.extension.harvard.edu/open-learning-initiative>  <https://www.uclaextension.edu/pages/search.aspx?c=free+courses>  <http://oyc.yale.edu/> |