

Keiron Derek Brown

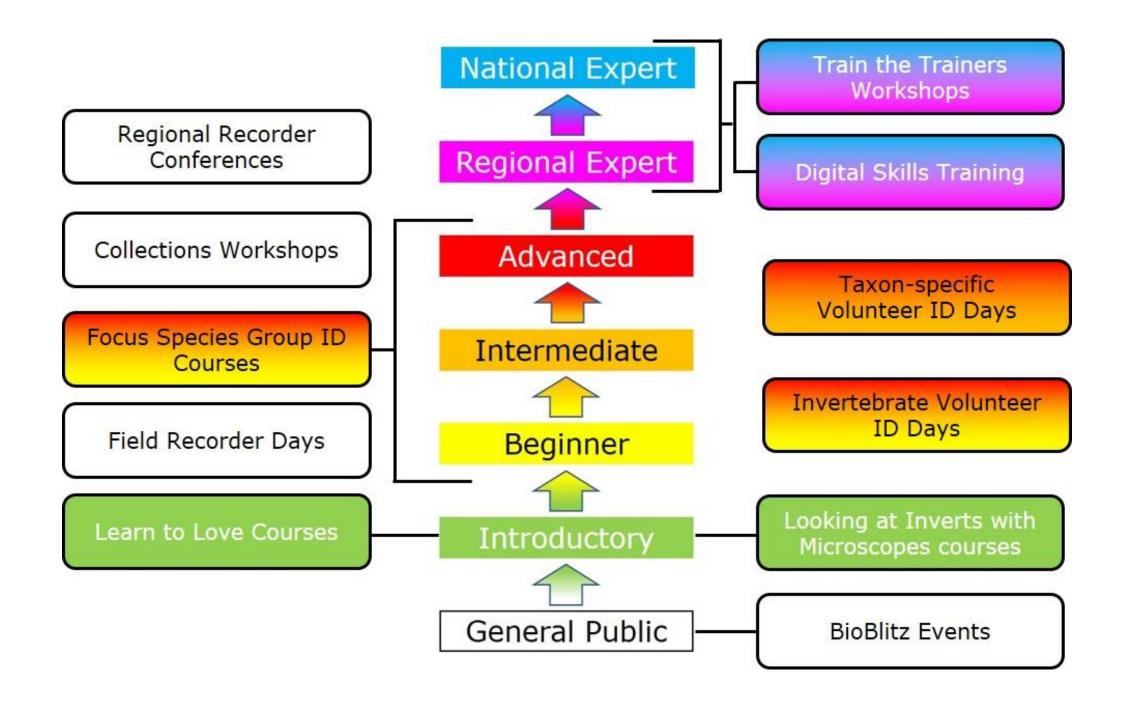






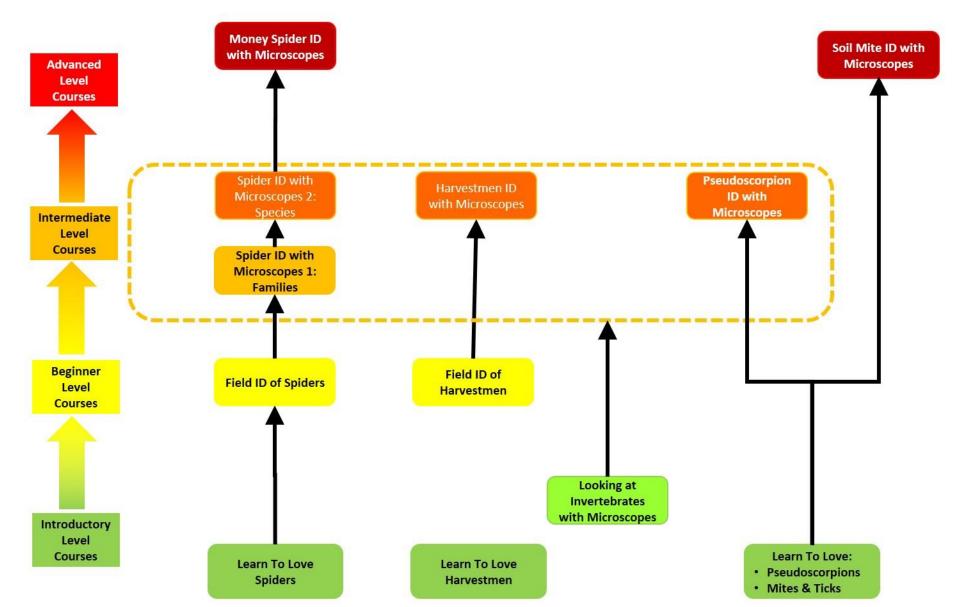






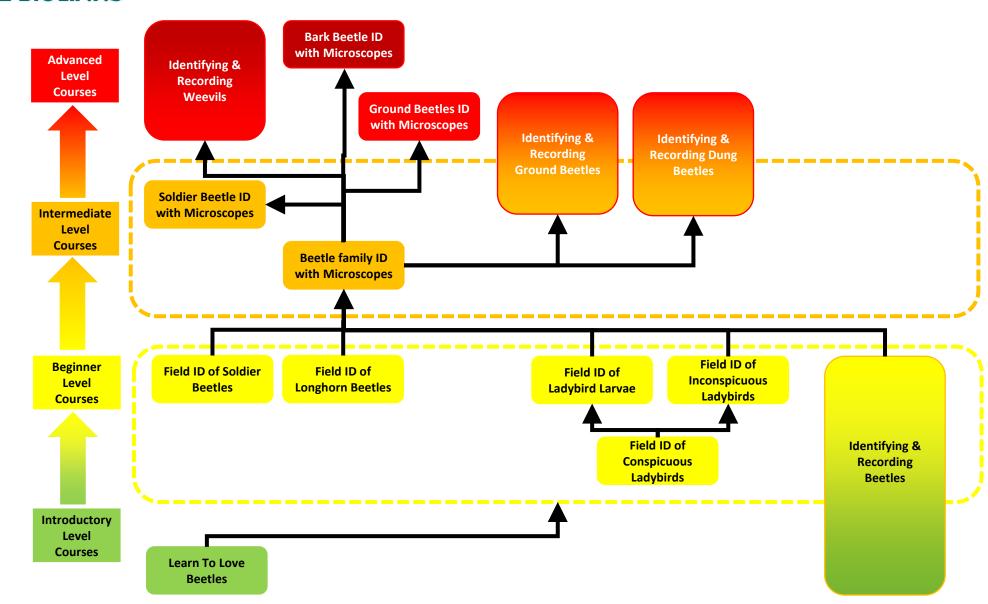
Arachnid ID Training Pathway







2020 Beetle ID Training Courses



Big Tree Country 2: Tree identification for improvers

KD * Sun 26 May - Thu 30 May * £330 * Intermediate Tutor: Jerry Dicker

This course builty confidence and skills in the Identification of native, naturalized and exocic trees found in Pershahire's Big Tree Country in will also study spring woodland ground flors communities and woodland acology. History and management. The course complements the grecading course, book both to receive a 15% discount on Nex.

Trees and Tree Identification in Summer

FM * Mon 27 May - Wed 29 May * £295 * Open to all Tutor: Alanna Cooper

Summer is a great time for looking at broad-leaved and conflerous trees definition in a great mediat are at their beat and they are often already producing finite and reader the will risk a number of their with a first diversity of these, exploring around the Carren local includer woods. hedgerous, churchyords and garklands to find as many specific as possible. so identify in the field. We will spend time getting to grips with bottonical terminology, including different growth patterns of branches, shapes of leaves and the structure and classification of fruits and cones.

Tree Identification: Summer

LDN = Sat 01 Jun = Non-residential = £35 = Beginner Tutor: Betting Metcalfe The creat in The Regent's Park are magnificent stere is a huge variety of

tree species, so the park is ideally suited for learning how to identify trees. their special, so the principle of obeing states for eathing now to delicity these. There will be a foreign on practical observation with the after so through one observation and it. At the end of the course, so though the combination liams for the group of many of the areas and also a number of special. Feel including the group of many of the areas and also a number of special. Feel including the course of the course and also a number of special. Feel including the course of the c

Discovering Veteran Trees

LDN * Sat 22 Jun * Non-residential * £35 * Beginner

examing views somes the Thomas entury, is also the setting for an array of viscent street. We will survey their ecology and importance as a habitation and look at the development of the parkland within its landscape. Other activities will include assessment of veteran trees for their wildfle rolus. apping the location of our surveyed trees and collating the gathered data a Includes RIC fold out drant Tee Nome Toll.

identification of Deciduous *-

AM ■ Sat 29 Jun ■ Non Tutor: Rachel C> Deer Ecology KD % 10 Apr Mon 08 Apr # £152 # Open to di

identifying British Trees

BW = Thu 25 Jul = Non-residential = £45 = Open to all Tytor: John Hondley

sance commencement of the year to spoke this extending group whiles the leaves fivilizated even flowers are still present, heights you to become femiliar with train actions fairing from a rely upon sithoutests, but in and buts. A range of rigidithest and use of regis will extend a training and obtains between many of the affirition treasure. The found of this can but upons will be accessed to the contract of the contract be broad-leaved trees attrough conflient will be looked at in least detail. This course will also look at the range of British woodlands, planted, semi-natural and and ent, their ecology and munagement.

introduction to Woodlands

BW = Wed 31 Jul = Non-residential = £45 = Open to all Tutor: John Handley

Whodands create a changing environment divolutious the year great avaited of flowers that fill the woodand floor before the canopy burst. into life and dark, sepret comers, renerable reterans, primal basis and press dominated by brandies or nepties. All these press, and so much more are accommodated within our glorious woodbrids and they all have their own story to tell. This course will look at the Natory, management and use, scalegy and folklors of our woodsnots.

Mon 20 M- Fe (02 Aug * ££M) 8 Open to di

Broad-Leaved Trees

JH ■ Fri 23 Aug - Sun 25 Aug ■ £268 ■ Intermediate Tutor: Ros Bennett

Late summer is a good time to turn our otherflor to the broad-leo-ed trees Soon they will start to tritratum our bridgings this a blaze of color. Now it the dine to learn what we can from the follogs and fruits, before we have to rely on owig formation and without phousehed to help us identify these important members of our repural heritage, YYYYU

Identifying Woodland Trees in Leaf

EF * Sat 07 Sep * Non-residential * £35 * Beginner Tutor: Andy Deane

On this course we will learn identifying flooures of many of the treat found in and pround Egyling Forest using flower, bank fruits, must and seeds to help us Site withs will include another woodland plantation press. with non-radius and common woodland triest alike. Public these trees in context, participants will also learn connecting of the lines of these these and their place in the woodland environment. Ree includes RSC fold our chart. The Name Tell.

Introduction to Orchards

LDN . Sat 14 Sep . Non-residential . £35 . Beginner Tutor: Lesle Williams

Traditional profunds are a cultural Nature in the local landscape and a Such softer wild it's hoolest. There are thousands of arrive sortedes, many considered local to porticular stress. How can you design and orects a community probable or one in a gardent Why are recommoded important, and how can one encourage the orest during the first few years? Stored in Greenwich Park, Res Induces RSC fold out chairt Guide to Rotaths:

presidential # £45 8 8 eginner

to the state of th

Tree Identification: Autumn The Historic parkland of Greenwich Park, much of it on steep slopes giving LDN # Sat 21 Sep # Mon-resign

Discovering Veteran Trees of Epping Forest

EF = Sat 05 Oct = Non-residential = £35 = Beginner Tutor: Sharon Brown

If you appreciate old treat then this is the course for your well over \$0,000. tread within Entiry Royalt are doubled as veteran treat of considerable age and becars. These support a diverse army of organisms including birds. Inversebrates and fungl. "But will study a selection of these simpling these, measure and age a few and obtains dome of the discourse associated with them. Carring for these treat it important and there will be discussions about the various techniques used in their management. Res includes RSC. feld our store Tay Name Pell.

identification of Conifers

PM # Fri 18 Oct - Sun 20 Oct # £295 # Intermediate Tutor: Mark Duffell

A charteradic group of treat, with pacthetically pleasing foliage and cones, that with a little experience can be placed into recognizable groups e.g. Spruces on Fire What can seem like an initially challenging group can be broken down and identified to species By a range of workshops, lectures and field visits, you will build confidence to accurately identify Confidence. By the end of the counts you should be able to identify in the field and coracting a range of the major genera of conflient and, have had practice looking for appropriate characters to confirm the species.

Getting to Know Conifers

JH = Fri 08 Nov - Sun 10 Nov = £268 = Intermediate

Autumn and withour provide a wonderful apportunity to focus our attention the conflient, most of which are everymen and offi bear cones. The Bridge flors is remarkably oppor in diversity of native conflets but many roduced preder form a major feature in our landscare. This course Included a Habit to Bedgebury Pinetum In Kent which has a fine collection of this magnificent group of oreas, 1999.

Trees and Tree Identification: The Challenge of Early Winter

FM . Fri 15 Nov - Sun 17 Nov . £270 . Open to all Tutor: Ros Bennett

This course is concerned with liberofication. Depending on weather conditions, much of Szuntzi, will be spent at the Centre, spring through speciment and getting to gripp with the terminology of the Natures of the tare stems, the winter bust and (in the case of the conflets) needle prorgament and cores. We shall also procide working with differen lajo to liberofication. However, reportless of the weather on Sunday, we shall apend planty of time explosive Bat Conservation Fust (BCI)

Vegetative Grass Identification

PM = Fri 10 May - Mon 13 May = £395 = Intermediate Tutor: Hilary Wollage

This course simp to dispel the myth that grasses are one of the more difficult nibra families to Identify Participants will be improduced to direplified dichesomous layer to demonstrate that most species of grass can be identified through the observation of a few diagnostic characteristics on non-flowering plants at any time of year. This field based course will visit a wide range of habitats and should be invaluable to shope cornying our botanical surveys including Phase 1 and NVC.

Introduction to Grasses

BW . Sat 11 May . Non-residential . £45 . Open to all Tutor: John Handley

Grasslands are complex systems whose flors is determined by a value of factors including soil type, drainage, although and management. The species of grast present can help deare apart these characteristics and help determine the status how natural unimproved and diverse the site and inform management decisions. However gratest for many people are disheprentingly similar and difficult to bell opers. This course will help by solid foundations enabling the individual to Understand terminology. commonly used in guidebooks though it will focus on identifying species In their regetative mass - commonly required for year-round recognition

identification of Grasses

PM * Tue 21 May * Non-residential * £45 * Open to all Tutor: Mark Duffell

Grasser slong with sedger and number make up nearly a shird of our Bristin flora and wherever you are, they can be observed forming an Important part of our landscape. Often they are key species that allow the exception of different point communities or institute. Learn to this the mysters out of post 100 years they extending the flower incomes of grasses, comparing different speaks and understanding the ways these high to make a recovered learning comparing the different speaks and on individual comparing of the phases are produced as the produced of the communities of the communities and of the communities of the recognition of different plant communities or habitats. Learn to

Grass Identification FM w Fri 31 M

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Natural

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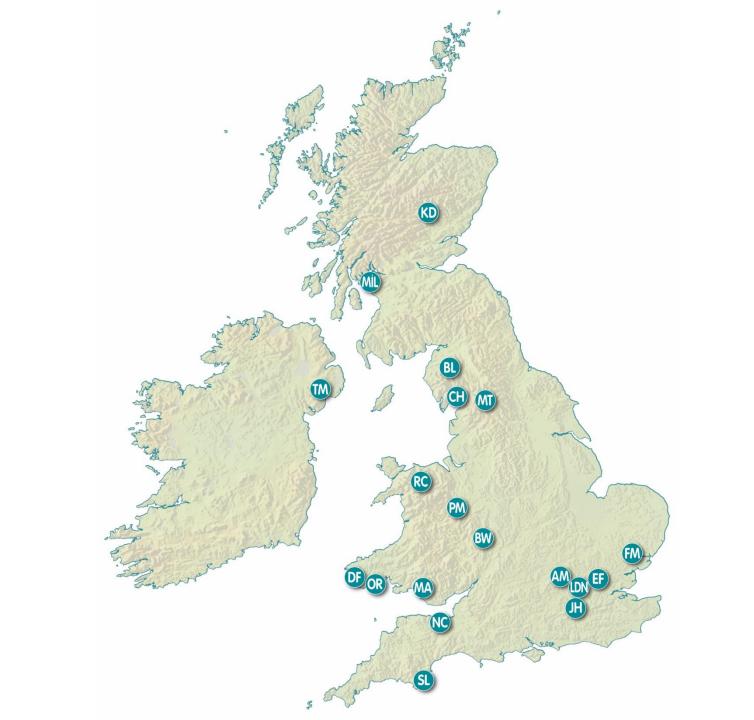
Sun 12 May a £232 a Open to all

History

n M Aun - Mon 17 Am a £373 a Open to all

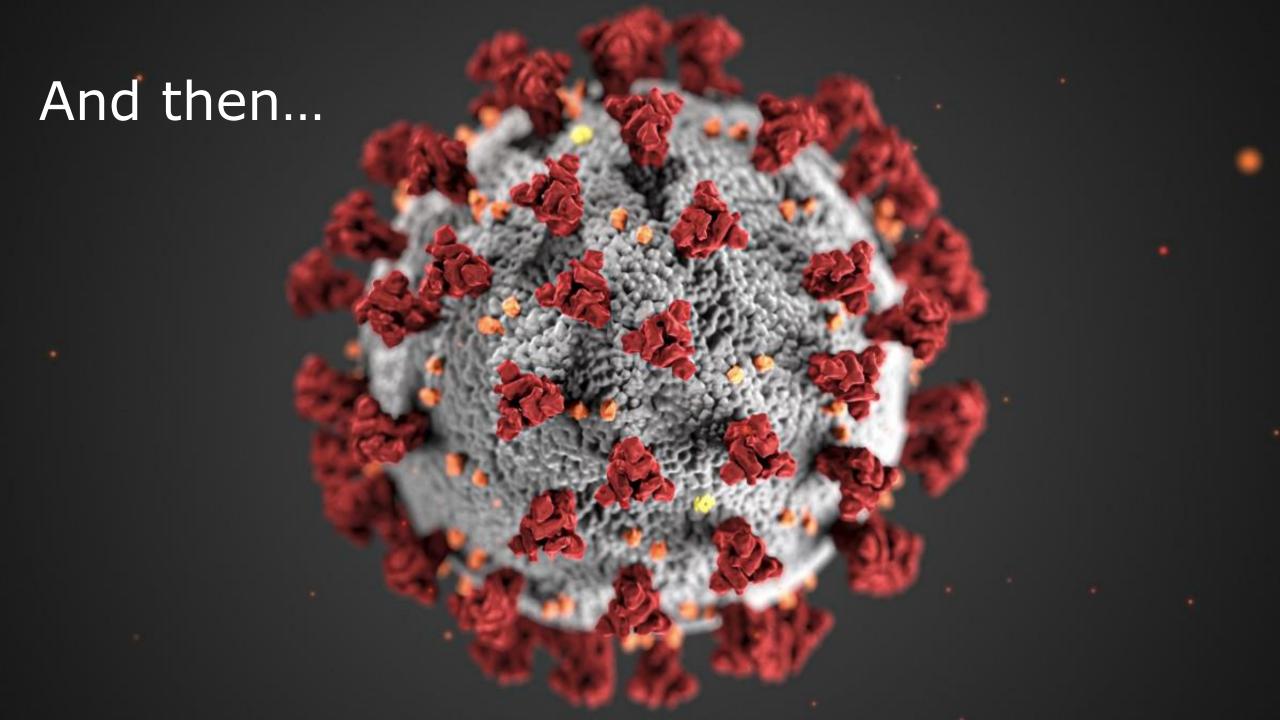
FSC

File a fir 18 Oct - Sun 20 Oct a £270 a Open





Changes within the FSC



What did we want to achieve







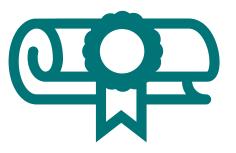
























Week 1: Introduction to Biological Recording

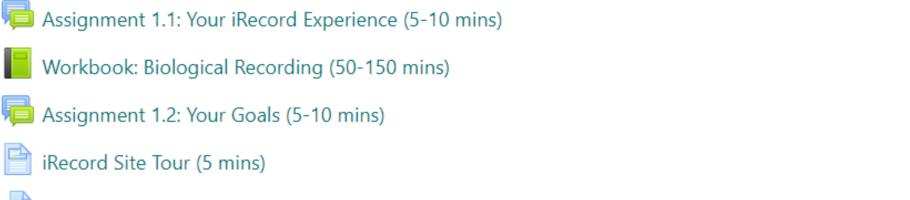
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During Week 1 we will provide you with an introduction to biological recording and get you set up on the iRecord platform for the assignments that will be set in future weeks.

Learners should allow 2 to 3.5 hours to work through all of the content ahead of the live session. The live session will be 1 hour in duration and take place at 18:30 on 23.09.2020.

We'd like to start by asking you to tell the class a little bit about your experience with iRecord (don't worry if you're new to it - this course is designed for absolute beginners) and what you hope to get out of the course.





Assessment Level	Knowledge description (Natural History)	Skills description (Natural History)	Roles (Natural History)
Authority	Authoritative knowledge of subject, including detailed knowledge of specialist areas. Able to communicate subject to a range of audiences, including the academic or scientific community.	Demonstrates full competence across all subject skills and able to demonstrate these to all audiences. Authority on standards and guidelines relating to technical methods and use of specialist equipment. Considered authority on subject.	
Expert	Excellent knowledge of subject, including detailed knowledge of specialist areas. Able to communicate subject to a range of audiences, including the academic or scientific community.	Demonstrates full competence across all subject skills and able to demonstrate these to all audiences. Able to evaluate technical methods and use of specialist equipment to make recommendations.	Considered expert on subject, holding nationally important professional and/or volunteer roles specialising in subject.
Advanced	Very good knowledge of subject, including some specialist areas. Able to communicate subject to a range of audiences, including the academic or scientific community.	Considerable experience of subject skills and able to demonstrate these to less experienced individuals. Experience of undertaking highly technical methods. Highly competent with specialist equipment and able to advise others.	Holds professional and/or volunteer role specifically relevant to the subject. Minimum level for FSC associate tutor. Highly valued biological recorder for subject and records rarely or never queried by experts.
Improver/ Intermediate	Basic to good knowledge of subject, with good understanding of all basic terminology and concepts. Able to share knowledge with general population to Beginner-level audiences and communicate with Advanced and Expert-level individuals regarding subject.	Experience of applying range of subject skills and able to demonstrate competence in most relevant basic skills. Competent with using specialist equipment, though with limited or no competence regarding highly technical methods	Minimum level for applying subject knowledge and skills within professional and/or volunteer role without supervision. Active biological recorder for subject and contributes verifiable records to national scheme.
Beginner	Limited knowledge of subject, with understanding of some basic terminology and concepts. Able to communicate some basic concepts to general population audience.	Limited experience of applying basic skills and unable to demonstrate competence. Little or no experience of using any specialist equipment.	Requires further development (or supervision/ guidance) in order to be able to apply subject knowledge and skills within professional and/or volunteer roles. Relevant recorder experience limited to entry level citizen science projects and initiatives, though may have some experience of records being accepted.
Introductory	Understands the importance of nature, but with little or no knowledge specific to the subject.	May be aware of the skills relevant to the subject but little or no experience of applying them and unable to demonstrate competence.	Little or no previous experience with relevant volunteer, recorder or professional roles relating to the subject.
General Population	General population (little or no knowledge of or engagement with natural history)		

BWA203	Finding Bees in their Natural Habitats	Introductory	Learners will be able to describe the natural habitats of bees and give some examples of interesting bees found in the UK.
BWA204	Bees as Pollinators	Introductory	Learners will be able to describe the ecosystem services bees provide us with and their role in pollination
BWA205	Bumblebee Ecology & Behaviour	Beginner	Learners will be able to explain bumblebee ecology, such as their nesting preferences, habitats, diet and their behaviour.
BWA206	The 'Big 8' British Bumblebees	Beginner	Learners will be able to describe how to identify the big 8 British bumblebee species by looking at tail colour, banding as well as the differences between castes
BWA207	Identifying Bumblebees in the Field	Beginner	Learners will be able to identify the big 8 bumblebee species in the field and understand how to use sweep nets/hand lenses to catch and examine bumblebees.
BWA208	Recording Bees	Beginner	Learners will be able to explain the importance of recording bees and understand how to submit records
BWA209	British Bee Taxonomy	Intermediate	Learners will have a general understanding of British bee taxonomy and classification.
BWA210	Bee Genera Characteristics and ID Features	Intermediate	Learners will be able to explain the morphological features of bees required for identifying British bees to genera level.

Level

Topics

Advanced Level (Professional)

Non-native Earthworms in the British Isles

Earthworm Dissection

Using the Key to Earthworms
Found in Artificial Environments

Interpreting & Reporting Earthworm Data

Intermediate Level (Recorder) Preservation & Collection Techniques: Earthworms

Earthworm Recording

Earthworm Sampling Techniques: Soil Pit Surveys Earthworm Specimen ID
Practice: Earthworm Collection

Earthworm Identification Features

Earthworm Sampling Techniques: Vermifuge & Microhabitat Methods Earthworm Specimen ID
Practice: Personal Specimens

Using FSC Key to the Earthworms of the UK & Ireland

Earthworm Sampling Techniques: Biomass Earthworm Specimen ID Practice: Rare Earthworms

Using Microscopes to Identify
Earthworms

Earthworm Site Survey Practice

Beginner Level (Volunteer) Earthworm Ecosystem Services
& Applications

Gardening For Earthworms

Earthworms & Agriculture

Earthworms & Composting

Introductory Level (Personal Interest) Finding Earthworms in their Natural Environments

Earthworm Field Signs

Earthworm Biology

Earthworm Ecology

Level

Advanced Level (Professional)

Courses

Advanced Earthworm ID with Microscopes

Venue-based (1-day) / 4 Topics

Intermediate Level (Recorder)

Identifying & Recording
Earthworms
Venue-based (3-day) / 10 Topics

Earthworm Sampling
Techniques
Venue-based (1-day) / 4 Topics

Earthworm ID with
Microscopes
Venue-based (1-day) / 4 Topics

Earthworm Recording Theory Course Short Online / 2 Topics

Beginner Level (Volunteer)

Earthworm
Applications
Venue-based (1-day) / 4 Topics

Earthworms for Farmers Short Online / 2 Topics

Earthworms for Gardeners Short Online / 2 Topics

Introductory Level (Personal Interest)

Learn To Love
Earthworms
Venue-based (1-day) / 4 Topics

Learn To Love Earthworms Online / 4 Topics Earthworm Taster Course Short Online / 2 Topics Earthworms for Environmental Educators Short Online / 2 Topics





FSC BioLinks
Project
Manager









Project
Officer
(South East)



Digital
Development
Manager



Marketing
Officer
(Part time)

