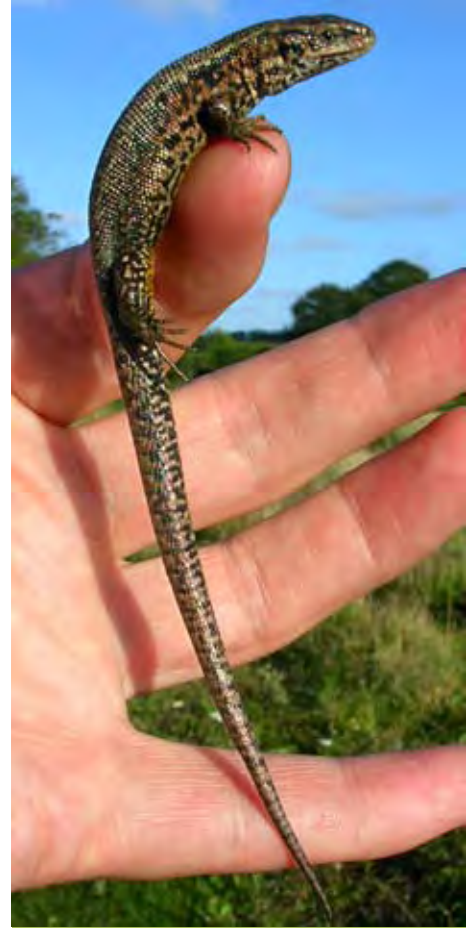


Natterjack Toad, Great Crested Newt & Reptile Courses 2011

*Training for professionals
run by the
Amphibian and Reptile
Conservation Trust
in partnership with the
Field Studies Council*



**amphibian and reptile
conservation**



Great crested newts, licensing and mitigation

£305 (£285 if room sharing)

Course Level: advanced

Tuesday 8th - Thursday 10th February

Arrive 2.00pm on Tuesday

Depart 4.00pm on Thursday

Venue Preston Montford Field Studies Centre, Montford Bridge, Shrewsbury, Shropshire, SY4 1DX

Course overview

This course brings together the theory and the practice of great crested newt mitigation. Real life case studies and examples of best practice will be used to identify some of the pitfalls often encountered when developing great crested newt mitigation projects. The course will give participants a thorough understanding of Natural England form WML-A14-2 and the skills needed to manage a great crested newt mitigation project from start to finish.

Tuesday

- An introduction to licence applications
- Project planning
- Case studies demonstrating good and bad practice

Wednesday

- Running a mitigation project
- Completion of the Natural England Template for Method Statement to support application for licence in respect of great crested newts (Form WML-A14-2)

Thursday

- Workshop using a local scenario
- Project management and completion

Target audience

This course has been designed for those ecologists with a firm grasp of great crested newt survey techniques and with some experience of great crested newt licensing and mitigation projects. It will also be useful for local authority ecologists and planners who need to assess and comment on planning issues that relate to great crested newts.

Please note

This course will not cover great crested newt identification, ecology or great crested newt survey techniques.

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Great crested newts, licensing and mitigation *(continued)*

About the tutors

This course will be jointly led by
Jim Fairclough and **David Orchard**

Jim Fairclough is Senior Ecologist with Golder Associates, specialising in applied ecology with a particular interest in freshwater habitats. Over the past ten years, Jim has been directly involved in great crested newt mitigation projects at a diverse range of sites across England. His main responsibility has been for licence applications and subsequent management of GCN mitigation projects in the field. Jim has provided training on great crested newt survey and mitigation for the last three years.

David Orchard is Ponds Officer with Amphibian and Reptile Conservation and provides specialist advice on amphibian and reptile BAP species as part of the Million Ponds Project. Before this he carried out great crested newt surveys across north west England and was involved with mitigation projects on a consultancy basis. David has been involved with great crested newt survey training since 2006

This course will include a best practice demonstration of the different types of great crested newt exclusion fencing which will be installed at Preston Montford Field Studies Centre as part of this course. There will also be a live demonstration of the mechanical installation of exclusion fencing. This very popular section of the course will again be led by **Matt Dixon**, director of Legacy Habitat Management Ltd.



L E G A C Y

• Habitat Management Limited •

caudon specialist wildlife
fencing systems

Widespread reptiles and mitigation

£300 (£280 if room sharing)

Course Level: intermediate to advanced

Tuesday 22nd - Thursday 24th February

Arrive in time for evening meal 6.30pm on Tuesday

Depart 4.00pm on Thursday

Venue Juniper Hall Field Studies Centre, Juniper Hall Field Centre, Dorking, Surrey, RH5 6DA

Course overview

Tuesday

- An overview of reptile mitigation - the current situation in the UK
- An introduction to reptile mitigation strategies for the four widespread species (adder, grass snake, viviparous lizard, slow-worm)

Wednesday

- Habitat assessment, survey interpretation and evaluation
- In situ and ex situ mitigation methods - capture, exclusion, habitat manipulation and creation
- Lizard ecology and mitigation methodologies
- Case studies and worked examples of best practice
- Project planning

Thursday

- Snake and ecology mitigation methodologies
- Case studies and worked examples of best practice
- Monitoring, future habitat management and reporting of mitigation
- Running a mitigation project - capturing, exclusion fencing, receptor site selection, habitat management and manipulation, future monitoring and management plans
- Completion of a reptile mitigation method statement to fulfil the requirements of the Wildlife and Countryside Act 1981 (as amended), PPS 9 Nature Conservation and Biodiversity and the National Biodiversity Action Plan

Target audience

This course has been designed to give ecological consultants and other professionals a thorough understanding of reptile mitigation best practice. It will also be useful for local authority ecologists and planners who need to assess and comment on planning issues that relate to widespread reptiles and development issues.

Please note

This course will not cover reptile survey and identification. It will be assumed that course participants have these skills.

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Widespread reptiles and mitigation *(continued)*

About the tutors

*This course will be jointly led by **Jon Cranfield** and **John Baker***

Jon Cranfield is the director of Herpetologic, an ecology consultancy specialising in amphibian and reptile survey and mitigation work. Jon has over ten years experience of reptile mitigation. He is a member of Institute of Ecology and Environmental Management, for whom he delivers professional reptile survey and mitigation courses. He is also the vice-chair of Amphibian and Reptile Groups of the UK.

John Baker is the Widespread Species Officer with The Amphibian and Reptile Conservation Trust and has extensive experience of reptiles and their ecology. John has worked in research and consultancy and has recently co-edited the Reptile Habitat Management Handbook. He has also delivered amphibian and reptile training for volunteers and professionals over many years.



Great crested newts and licensing for surveys

(£80)

Course Level: introductory

Wednesday 20th April

Arrive 11.30am

Depart 9.00pm

Venue Rixton Claypits Local Nature Reserve (SAC, SSSI), Warrington Cheshire, WA3 6EB

Course overview

- Species identification
- An introduction to legislation
- The value of great crested newt records
- Great crested newt ecology
- Natural England survey methods
- Survey planning
- Habitat Suitability Index for great crested newts

What to bring

Wellies, waterproofs, clip-board, paper and pen. Also, please bring a high powered torch if you have one.

Target audience

The course has been designed for ecologists, rangers or land managers who are looking to undertake great crested newt surveys on a professional basis. On completion of the course, participants will receive a certificate of attendance that can be used to support an application to Natural England to survey for great crested newts.

Please note

Tea and coffee will be provided during the day but please bring your own lunch. There will be an opportunity for an evening meal at a reasonably priced local pub, the cost of which is not included in the course fee.

About the tutor

This course will be led by **David Orchard**

David Orchard is Ponds Officer with Amphibian and Reptile Conservation and provides specialist advice on amphibian and reptile BAP species as part of the Million Ponds Project. Before this he carried out great crested newt surveys across north west England on a consultancy basis. David has been involved with great crested newt survey training since 2006 and he is now county recorder for amphibians and reptiles in the Vice Counties of South and West Lancashire. He has also played a leading role in the establishment of an online recording system for amphibians and reptiles in the UK.



Reptile survey

(£80)

Course Level: introductory

Thursday 21st April

Arrive 10.00am

Depart 9.00pm

Venue Risley Moss Local Nature Reserve (SAC, SSSI), Ordnance Avenue, Birchwood, Warrington, Cheshire, WA3 6QX

Course overview

- Species identification
- An introduction to legislation
- Reptile ecology
- Survey methods
- Survey planning

What to bring:

Wellies, waterproofs, clip-board, paper and pen.

Target audience:

The course has been designed for ecologists, rangers or land managers who are looking to undertake reptile surveys on a professional basis.

Please note:

Tea and coffee will be provided during the day but please bring your own lunch.

About the tutor

*This course will be led by **Rob Smith***

Rob Smith is a professional consultant who specializes in amphibians, reptiles, mammals and birds. He has a great deal of experience in surveying these species as well as holding a Natural England protected species licence for both bats and great crested newts. In addition to his consultancy work, Rob has spent over 15 years monitoring and surveying amphibian and reptiles at Risley Moss Local Nature Reserve in Cheshire, which supports five species of amphibians and four species of reptiles. Rob has run regular courses on Risley Moss and the species present on the site.



Working with natterjacks: understanding their ecology, surveys and licensing

(£80)

Course Level: introductory

Wednesday 27th April

Arrive 2.00pm

Depart 10.00pm (approx)

Venue Millom Network Centre, Salthouse Road, Millom, Cumbria, LA18 5AB

Course overview

- Natterjack identification at all life stages
- Legal and licensing issues
- Natterjack toad ecology
- Survey techniques
- Site visit to witness different stages of the natterjack life cycle, including the male chorus
- Conservation and habitat management
- Mitigation for development

The course venue is less than five minutes walk from Millom Railway Station. After an evening meal we will look for natterjack spawn and tadpoles on the nearby Haverigg Dunes and, if weather conditions are favourable, hear males calling around the breeding pools.



What to bring

Wellies, waterproofs, clip-board, paper and pen. Also, please bring a high powered torch if you have one. Warm clothing is advisable!

Target audience

The course is specifically aimed at Environmental Consultants, Planners and FEP agents (working with DEFRA's Environmental Stewardship scheme) but everyone with an interest in natterjacks is welcome to attend.

Please note

Tea and coffee will be provided during the day. There will be an opportunity for an evening meal at a reasonably priced local pub, the cost of which is not included in the course fee.

About the tutors

The course has been prepared by two experts in the field of natterjack ecology and conservation, **John Buckley** (UK Amphibian Conservation Officer) and **Bill Shaw** (Cumbria Natterjack Conservation Officer), both of whom work for The Amphibian and Reptile Conservation Trust.



Pond assessment, creation and management

£300 (£280 if room sharing)

Course Level: advanced

Tuesday 23rd - Thursday 25th August

Arrive in time for evening meal at 6.30pm on Tuesday

Depart 4.00pm on Thursday

Venue Preston Montford Field Studies Centre, Montford Bridge, Shrewsbury, Shropshire, SY4 1DX

Course overview

Tuesday evening

- An overview of ponds in the UK landscape.

Wednesday

- Pond monitoring in the UK and the results of the Countryside Survey
- Ecological assessment of ponds: standardised methods and their uses
- An overview of pond plants, invertebrates and of the keys available to identify them
- Introduction to the PSYM assessment method and a practical exercise based on local ponds

Thursday

- An overview of best practice principles for creating clean water ponds and ponds for BAP species, with a focus on amphibians and reptiles
- Pond management and the new risk assessment tool (including workshop session and scenario)

Target audience

The course has been designed for ecologists and land managers with an interest in the assessment, management and creation of ponds for biodiversity.

About the tutors

This course will be jointly led by Pascale Nicolet and David Orchard

Dr Pascale Nicolet is Senior Freshwater Ecologist with Pond Conservation, the national charity dedicated to protecting our freshwater wildlife. Pascale has extensive experience of wetland plant and macroinvertebrate surveys, ecological assessments and monitoring. She is currently the National Coordinator of the Million Pond project in England and Wales and the Secretary of the European Pond Conservation Network.

David Orchard is Ponds Project Officer with the Amphibian and Reptile Conservation Trust. David has broad experience of working with amphibian and reptile BAP species and he now coordinates the amphibian and reptile part of the Million Ponds Project, developing and delivering a programme of pond creation and restoration throughout England and Wales.



The Amphibian and Reptile Conservation Trust

The Amphibian and Reptile Conservation Trust is the charity dedicated to the conservation of our native amphibians and reptiles.

The organisation is responsible for habitat management and the conservation of our rarest reptiles on over 80 sites. The Amphibian and Reptile Conservation Trust is also lead or joint lead partner for the great crested newt, natterjack toad, sand lizard, smooth snake and pool frog Species Action Plans.



The Field Studies Council

The Field Studies Council (FSC) is a pioneering educational charity committed to bringing environmental understanding to all.

Established in 1943, the FSC has become internationally respected for its national network of 17 education centres, international outreach training projects, research programmes, information and publication services and wide range of fascinating professional training and leisure courses. The FSC provides informative and enjoyable opportunities for people of all ages and abilities to discover, explore, be inspired by, and understand the natural environment. The FSC believes the more we know about the environment, the more we can appreciate its needs and protect its diversity and beauty for future generations.



www.field-studies-council.org

How do I book?

All course bookings are being taken by the Field Studies Council.
Please book your course with the relevant centre. These are:

Great crested newts, licensing and mitigation

Held at: *Preston Montford Field Studies Centre* • Book with:

Preston Montford Field Studies Centre, Montford Bridge, Shrewsbury, Shropshire, SY4 1DX
0845 330 7378

Widespread reptiles and mitigation

Held at: *Juniper Hall Field Studies Centre* • Book with:

Juniper Hall Field Studies Centre, Juniper Hall Field Centre, Dorking, Surrey, RH5 6DA
0845 458 3507

Great crested newts and licensing for surveys

Held at: *Rixton Claypits SAC, SSSI* • Book with:

The Field Studies Council, Head Office, Preston Montford, Montford Bridge, Shrewsbury, Shropshire, SY4 1DX
0845 345 4071

Reptile survey

Held at: *Risley Moss SAC, SSSI* • Book with:

The Field Studies Council, Head Office, Preston Montford, Montford Bridge, Shrewsbury, Shropshire, SY4 1DX
0845 345 4071

Working with natterjacks

Held at: *Millom Network Centre* • Book with:

The Field Studies Council, Head Office, Preston Montford, Montford Bridge, Shrewsbury, Shropshire, SY4 1DX
0845 345 4071

Pond assessment, creation and management

Held at: *Preston Montford Field Studies Centre* • Book with:

Preston Montford Field Studies Centre, Montford Bridge, Shrewsbury, Shropshire, SY4 1DX
0845 330 7378

Please use the Field Studies Council booking form overleaf and use a separate booking form for each participant, making your cheque payable to The Field Studies Council.

What is included within residential course fee?

- Full Board, sole occupancy (shared occupancy at a reduced fee) accommodation including a cooked breakfast, picnic lunch, home made cakes and an evening meal. Vegetarian and other dietary options are available
- Use of centre resources including library, workrooms, studios and the Centre grounds
- Centre organised transport during the course and most admission fees
- Transfer to and from Shrewsbury train station
- Insurance to cover cancellation, personal belongings, personal accident, legal liability and medical emergency / emergency travel arrangements.

The non-residential course fee includes all of the above except breakfast and accommodation.

Enquiries

For booking and general enquiries please contact the relevant Field Studies Centre. For specific queries about course content please contact **David Orchard** at david.orchard@arc-trust.org

FSC COURSES BOOKING FORM

Please send this form to the relevant Field Centre.

Use a separate form for each Centre to which you wish to apply. *You should make a provisional booking by contacting the Centre concerned.*
Further forms can be obtained from FSC Head Office and FSC Centres or a photocopy can be used.

No.	Title	First name	Surname	m/f	FSC Membership No. (if applicable)
1					
2					
3					
4					

Address for correspondence		
Postcode	Please send FSC Membership details <input type="checkbox"/>	
Tel (home)	Tel (daytime)	email

Are you happy to be contacted by email Yes No

Course(s) for which you are applying:

Name of Field Centre	Course Title	Dates
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Please tick the appropriate boxes:

ACCOMMODATION

If you share a room a discount of £10 per night will be offered.

- I require a room for sole occupancy
- I prefer a single room, but will share if necessary
- I would prefer to share
- We require a double/family room
- I/we wish to be non-resident

AGE GROUP

Over: 20 30 40 50 60 70 Age if under 20

TRAVEL ARRANGEMENTS

I shall be travelling by: Car Train Coach Other

I am willing to use my car on field trips during the course
(I understand the cost of petrol will be refunded) Yes No

OTHER REQUIREMENTS

If you require special meals for medical or ethical reasons please indicate the type of diet

If you have a medical condition, physical or sensory impairment which is relevant to the course please attach a note giving details, which will be treated in confidence.

Signed:

PAYMENT

Full payment will be required to confirm bookings on day courses at Epping Forest. A booking deposit is required of £30 per person for courses under £150, £50 per person for courses £150 and over.

	No. People		Per Person	Total
Booking deposit(s)	<input type="text"/>	@	£ <input type="text"/>	£ <input type="text"/>
OR				
Full course fee(s)	<input type="text"/>	@	£ <input type="text"/>	£ <input type="text"/>
Total enclosed £				<input type="text"/>

Cheques should be made payable to *Field Studies Council*.

Please charge my Mastercard Visa Delta Switch (issue no.)

Card no.

Start date Expiry date

Until this deposit is paid the booking is treated as provisional and there is no certainty that a place can be held. The deposit is automatically forfeit if the booking is cancelled for any reason. If cancellation is made less than 28 days before the commencement of the course, the balance of the fee is payable in full, a condition which is accepted when the booking is confirmed.

Date:

How did our courses come to your attention?

From a friend Advertisement* Magazine article* Other *please specify.....

FUTURE MAILINGS

To help us send you relevant information please indicate which course brochure you would like to receive in 2010.

FSC Natural History Courses FSC Arts Courses FSC Family Holiday Courses

