

# National Amphibian and Reptile Recording Scheme – NARRS Amphibian Survey Form (Three Visit) Pilot – Spring 2006

## Data protection and copyright agreement

I understand that the information that I provide on this form, including my name and contact details, and those of any landowner, will be entered onto a computer database. I agree to share any intellectual property rights that may pertain to the data submitted on this form.

Signature \_\_\_\_\_

## Pond details

Pond grid reference  Nearest town

The grid reference needs to be in the form SP123456, or more detailed. For information on how to use the national grid please see [www.ordnancesurvey.co.uk/oswebsite/freefun/nationalgrid/nghelp1.html](http://www.ordnancesurvey.co.uk/oswebsite/freefun/nationalgrid/nghelp1.html)

Pond name/address/reference number (and source)

If the pond no longer exists please tick here

## Your details (only your name is necessary if returning multiple forms)

Surveyor \_\_\_\_\_ Address \_\_\_\_\_

(Print name) \_\_\_\_\_

Phone number \_\_\_\_\_

Email \_\_\_\_\_ Post code \_\_\_\_\_

Can we contact you if necessary? \_\_\_\_\_ Y / N

If you have attended a training course, please give date and name of trainer \_\_\_\_\_

**Landowner details** *If the pond is on private land you must have the landowner/manager's permission (signature below) to visit the site. If the pond is in a public access area we are still interested in knowing who owns the land.*

Name \_\_\_\_\_

Address \_\_\_\_\_

Post code \_\_\_\_\_ Phone number \_\_\_\_\_

I, the landowner/manager, agree to allow this amphibian/pond survey (signature) \_\_\_\_\_

## Habitat suitability factors

1. Map Location. Zone A, B or C. Refer to Oldham <i>et al.</i> 2000 or leave blank.		6. Number of water fowl seen per pond or per 1000 m <sup>2</sup> of large ponds.	
2. Pond area in m <sup>2</sup> . Estimate.		7. Fish presence. 1 = major, 2 = minor, 3 = possible, 4 = absent.	
3. Number of years in ten pond dries up. Estimate or ask landowner.		8. Number of ponds within 1 km (1: 25 000 maps) not separated by barriers to dispersal.	
4. Water quality. Score 1 = bad, 2 = poor, 3 = moderate, 4 = good.		9. Terrestrial habitat. 1-5, see below.	
5. Percentage perimeter shaded (to at least 1 m from shore). Estimate.		10. Percentage of pond surface occupied by aquatic vegetation (May-Sept). Estimate.	

**Terrestrial habitat** 1 = Newts confined to pond area, almost total barrier to dispersal, 2 = Poor available habitat with major barriers within 500 m, 3 = Moderate available habitat with moderate barriers within 500 m, 4 = Good available habitat with minor barriers within 500 m, 5 = Good available habitat with no serious barriers within 500 m.

Notes

Please complete the form overleaf by recording conditions under which the survey was carried out and by ticking boxes to indicate species present. Recording counts is optional.

If daytime survey (visual search and netting) and torching take place on different dates please provide the information on conditions for both dates.

### Survey visit 1

	Visual search				Netting				Date	
	Adu	Imm	Larva	Egg	Adu	Imm	Larva	Egg	Time	: to :
Common frog									Air temperature °C	
Common toad									Water temperature °C	
Great crested newt									Rain (score 0, 1, 2, 3)	
Palmate newt									Wind (Beaufort scale, 0-6)	
Smooth newt									Shoreline searched visually	%
Other species									Shoreline netted	%

	Torchlight survey				Date	
	Adu	Imm	Larva	Egg	Time	: to :
Common frog					Air temperature °C	
Common toad					Water temperature °C	
Great crested newt					Rain (score 1-4)	
Palmate newt					Water clarity (score 1-3)	
Smooth newt					Bright moonlight? (tick)	
Other species					Shoreline searched	%

### Survey visit 2

	Visual search				Netting				Date	
	Adu	Imm	Larva	Egg	Adu	Imm	Larva	Egg	Time	: to :
Common frog									Air temperature °C	
Common toad									Water temperature °C	
Great crested newt									Rain (score 0, 1, 2, 3)	
Palmate newt									Wind (Beaufort scale, 0-6)	
Smooth newt									Shoreline searched visually	%
Other species									Shoreline netted	%

	Torchlight survey				Date	
	Adu	Imm	Larva	Egg	Time	: to :
Common frog					Air temperature °C	
Common toad					Water temperature °C	
Great crested newt					Rain (score 1-4)	
Palmate newt					Water clarity (score 1-3)	
Smooth newt					Bright moonlight? (tick)	
Other species					Shoreline searched	%

### Survey visit 3

	Visual search				Netting				Date	
	Adu	Imm	Larva	Egg	Adu	Imm	Larva	Egg	Time	: to :
Common frog									Air temperature °C	
Common toad									Water temperature °C	
Great crested newt									Rain (score 0, 1, 2, 3)	
Palmate newt									Wind (Beaufort scale, 0-6)	
Smooth newt									Shoreline searched visually	%
Other species									Shoreline netted	%

	Torchlight survey				Date	
	Adu	Imm	Larva	Egg	Time	: to :
Common frog					Air temperature °C	
Common toad					Water temperature °C	
Great crested newt					Rain (score 1-4)	
Palmate newt					Water clarity (score 1-3)	
Smooth newt					Bright moonlight? (tick)	
Other species					Shoreline searched	%

**Rainfall** 0 = none, 1 = yesterday, 2 = immediately prior, 3 = during survey. You can report more than one of these.

**Water clarity** 1 = good, pond bottom visible, 2 = intermediate, bottom visible in shallows, 3 = turbid, bottom not visible.

**Beaufort scale** 0 = calm (smoke rises vertically), 1 = light air (smoke drifts in the wind),

2 = light breeze (leaves rustle, wind felt on face, 3 = gentle breeze (small twigs in constant motion, light flags extended),

4 = moderate wind (dust, leaves and loose paper raised, small branches move), 5 = fresh wind (small trees sway),

6 = strong wind (large branches move, whistling in phone wires, difficult to use umbrellas).