

# COMMON TOAD AND COMMON FROG SURVEY RECORDING FORM (PAGE 1 of 4)

Your Name	Date
Square: 4 figure grid ref e.g. SP1243 (see your map)	Pond: 8 figure grid ref e.g. SP 1235 4325 (see your map)
Pond name (if known)	
Determiner name ( <u>optional</u> - if someone confirms the identity of the species you've recorded)	Voucher material (optional - comment if you've taken a photo to confirm identification)

Please complete a COMMON TOAD AND COMMON FROG SURVEY sheet for <u>each pond</u> surveyed in your 1km grid square.

The aim is to visit each survey pond in the 1km square in March or April and see if frogs, toads or their spawn are present. An average sized pond will take around 45 minutes to sample (longer if the pond is large). If you are uncertain about adult or spawn identification, you can learn all the skills needed from our online information sheets and video. Go to <a href="https://www.freshwaterhabitats.org.uk/projects/pondnet/survey-options/frogandtoad">www.freshwaterhabitats.org.uk/projects/pondnet/survey-options/frogandtoad</a> for survey guides and more information.

#### **METHOD**

- Undertake a **visual search** (no equipment needed) of your ponds **during the day time** in March or April, looking for adult frogs and toads, or their spawn. You only need to **visit the pond once** each year.
- If you see other amphibians whilst looking for frogs and toads you can record them as well.
- Complete a Pond Habitat Survey Form (pages 2 to 4) to calculate a Habitat Suitability Index this is a metric of pond quality for Great Crested Newts but can also be used as a guide to pond quality for other amphibians.
- Please enter your results online at: www.freshwaterhabitats.org.uk/projects/waternet
- You can take and upload photos of the amphibians found for reference and confirmation purposes.

### **Common Toad and Common Frog sightings:**

Note: if you don't find any evidence of toads or frogs at a pond, this is an important result - please tick the last column in the table, and be sure to enter these findings online.

	Tick	k, add numbe	Tick			
	Adult	Immature	Tadpole	Spawn	Not seen this visit	Identification uncertain
Common Toad				*		
Common Frog						

<sup>\*</sup> if you find toad spawn you only need to tick the box. It is not necessary to count strings of toad spawn in this survey,

#### Other amphibians seen at the pond:

Record any other amphibians seen whilst searching for Common Frogs and Common Toads.

	1	Tick, add numbers and a range*					
	Adult	Immature	Larvae or efts	Eggs	Identification uncertain		
<b>Great Crested Newt</b>							
Palmate Newt							
Smooth Newt							
Non-native amphibian (list)							

Notes (e.g. number of males and females):

<sup>\*</sup> if you have experience (and a licence) you may want to record presence of Great Crested Newt or other newt eggs that you find. Unwrapping leaves to identify newt eggs can be damaging, so please minimise the number looked at - record presence (not abundance) of newt eggs.





<sup>\*</sup> For range values choose one of the following options: 1, 2-5, 6-10, 11-20, 21-50, 51-100, 101-200, 201-500, 501-1000, 1001-2000, 2001+



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### Please complete a POND HABITAT SURVEY sheet at each pond surveyed.

This is a really important part of the survey at your pond. Please complete this form whether amphibians are present or absent. Critical HSI metrics are indicated by a shaded box – we cannot calculate an HSI score for the pond unless these have been submitted. Other metrics will give us a full picture of pond quality.

Go to: www.freshwaterhabitats.org.uk/projects/pondnet/survey-options/habitats for survey guides and more information.

20 to. <u>m</u>						10			
Is the pon yes, no, ur	<b>d new?</b> (less taknown	than 10	yrs old)	a	Year of creation late, decade, unknot			Pond Altitude (m)	
Area m <sup>2</sup>	probably not	be the	urface area of the po current water level es at the pond's ou	of the	<u>pond</u> . The high wat	er level	line shoul	d be evident from v	vetland
Pond drie	s? 1 = never drie 2 = rarely drie 3 = sometime 4 = annually	es dr es <b>4</b> : es pe	<ul> <li>Never dries, 2 = ought, 3 = Sometin</li> <li>Dries annually. Dersonal judgement establishment</li> </ul>	n <b>es dri</b> Deduce e.g. wat	es: dries between to pond permanence	three ye	ars in ten cal knowle	to most years, edge (e.g. landown	er) and
Overhang	ing trees & sh	nrubs						e of how much of th	
			g by trees and shrul			directly overhung by trees and shrubs, i.e. that would be shaded if the sun was overhead (use			
	% pond mar	gin ove	rhung to at least 1n	n from 1	the pond margin			w) as a guide).	•
Waterfowl	impact 1 = major 2 = minor 3 = none	hav imp	<b>Major</b> = severe impact of waterfowl e.g. few or no submerged plants, water turbid, pond ban have patches where vegetation removed, feed put down; <b>Minor</b> = waterfowl present, but little impact on pond vegetation, pond still supports submerged plants and banks are not denuded of vegetation; <b>None</b> = no evidence of waterfowl impact (moorhens may be present).						but little
Fish prese	1 = major 2 = minor 3 = possible 4 = absent	Car con	<b>Major</b> = dense populations of fish known to be present; <b>Minor</b> = small numbers of Crucian Carp, goldfish or stickleback known to be present; <b>Possible</b> = no evidence of fish, but local conditions suggest that they may be present; <b>Absent</b> = no records of fish stocking and no fish revealed during survey.						t local
Disturban	ce by dogs 1 = major 2 = minor 3 = none	turb sub	<b>Major</b> = dogs repeatedly use the pond, compacted edges with little vegetation, water very turbid; <b>Minor</b> = dogs use the pond, but little impact on pond vegetation, pond still supports submerged plants and banks are not denuded of vegetation; <b>None</b> = no evidence that dogs are using the pond.						
Aquatic ve	- T		mergent, floating ar		• .		10%	$\bigcirc \bigcirc $	$(\bullet)(\bullet)$
%	% of the whole pond (wet and dry) occupied by emergent vegetation – incl. plants like grasses, water mint and rushes, but not floating (e.g. pondweed)								
%		water surface area covered by all vegetation (emergent, floating weed) and submerged).						***	
Water left	in the pond							D	danna kataka
%		an be 0% if the pond has dried out.					down height t difference		
cm		The height drop from the maximum  Current water level between maximum					en maximum 8 t water level)		
Grazing	Tick if there i	is ovida	ence the pond is gra	zod by	livestock If <b>ves</b> c	omplete	the follow	ing boyes:	
%	- -		azed (note: stock ca	-	•	•		ing boxes.	
%	•	_	er grazed (note: stock of		•	•	•	erwise inaccessible	e edges).
	1		ank 1-5 (1=infreque		•		•		• ,
Pond man	_	•	tick boxes to list mar		·	Ū			,
Fully	/ dredged		Partly dredged		>5% vegetation rem	oved	<	:5% vegetation remo	ved
Tree	es planted		Trees clear-felled		Trees cut back / cop	piced	P	ond changed shape	/ size
Plan	its introduced		Bank plants mown		Structural work e.g.	to dam	S	traw added	
Add other of	or more detail								



## **COMMON TOAD AND COMMON FROG SURVEY**

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water quality.						
Turbidity / water clarity: Estimate turbidity looking down into c.20cm depth of water in the pond.						
1 = clear; 2 = moderately clear; 3 = moderately turbid; 4 = turbid						
Inflows and outflows: (tick if inflow or outflow present or leave blank)						
Inflow present Outflow present			Outflow present			
Water chemistry: If suita	ble kits	and me	ters are available (or leave blank)			
pH			Conductivity (µS cm-1)			
Nitrate (NO <sup>3-</sup> -N ppm): PP	M kite i	orovidad				
(tick one from the followin			, , , , , , , , , , , , , , , , , , , ,			
<0.2 0.2-0.5 0.5-1	1-2	2-5	5-10 10 + <0.02 0.02-0.05 0.05-0.1 0.1-0.2 0.2-0.5 0.5-1 1 -			
Pond base:						
			immediately underlies the pond. You may know, or be able to see the underlying geology ew ponds. If not, check a geology map or leave this section blank.			
			e the % composition of <b>each</b> of pond base: 1= 0-32%, 2= 33-66%, 3= 67-100%			
Silt/ clay	Sand	l, gravel,	cobbles Hard rock Peat Other (please specify)			
Surrounding land use:	urround	ling land	use in distance zones from the pand perimeter (i.e. the maximum winter water level) used			
			use in distance zones from the pond perimeter (i.e. the maximum winter water level) used a zone will include surrounding trees/scrub.			
Habitat	0-5m	0-100m	Examples			
Trees, woodland & scrub	%	%	Deciduous and coniferous woodland, individual trees, scrub and hedgerows.			
Heath & moorland			Lowland and upland heathland, moorland and mountain; includes bracken.			
Rank vegetation			Unmanaged grass, neglected and abandoned land, set-aside, verges and buffer strips.			
Unimproved grassland			Herb-rich, calcareous and acid grassland (good quality plant indicators usually present).  Low percentage of agricultural grasses. Not fertilised, little or no drainage.			
Semi-improved grassland			A transition category. Grasslands modified by fertilisers, drainage, herbicides or intensive grazing, but retaining elements of natural grassland types in the area.			
Improved grassland			Fertile agricultural grass, often bright green and lush; including parks and golf greens.			
Arable			All crops. Includes flower and fruit crops (e.g. strawberries) and ploughed land.			
Urban buildings & gardens			Areas in curtilage (associated with buildings); including glass-houses and farm yards.			
Roads, tracks & paths			Including car-parks and footpaths.			
Rock, stone & gravel			Cliffs, rock-outcrops, gravel-pits, quarries, areas of sand and gravel or stone.			
Bog, fen, marsh & flush			Wetland vegetation and blanket bog.			
Ponds & lakes			Permanent and seasonal waterbodies; including trackway pools.			
Streams & ditches			Rivers, streams, ditches, springs and canals.			
Other (state)	Other (state)  E.g. maritime vegetation, saltmarsh, sand-dune, orchards and railways.					
Is the pond in (choose one op	-		rea? (e.g. nature reserve, SSSI, etc.) nknown)			
<b>Invasive non-native species:</b> Record any non-native invasive species you know to be present in the pond, or leave blank if you are unsure. Visit <a href="https://freshwaterhabitats.org.uk/projects/pondnet/survey-options">https://freshwaterhabitats.org.uk/projects/pondnet/survey-options</a> for tips on identification (please tick all that apply).						
New Zealand Pign			Floating Pennywort  Non-native Pondweed, e.g.:			
			Nuttell's Deadward Flades nutellii			
Parrot's Feather Water Fern  Myriophyllum aquaticum Azolla filiculoides			Water Felli			



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<u>_ocation</u> score for Great Crested Newts (selec	et pond location based on map to right)
A (optimal), B (marginal) or C (unsuitate	ole)
Number of ponds: Note: ponds are <2ha in size map, an OS map, Google maps, or other mapping	- to help you calculate the total use the PondNet g tool):
Number of <i>other</i> ponds (exclude the survey centre. Omit ponds separated by amphibian	pond) in a 1km radius circle centred on the pond harriers e.g. large rivers or roads.
If there are more than 12 ponds present in	the 1km radius, you can just tick this box.
None = clearly no suitable habitat within in opportunities for foraging and shelter (e.g.	tion - 1 = none, 2 = poor, 3 = moderate, 4 = good)  mediate pond locale; Poor = habitat with poor structure that offers limited amenity grassland); Moderate = offers opportunities for foraging and shelter, but habitat that offers good opportunities for foraging and shelter completely surrounds and.
Bad = clearly polluted, only pollution-tolera	on - 1 = bad, 2 = poor, 3 = moderate, 4 = good) ant invertebrates, no submerged plants; Poor = low invertebrate diversity, few invertebrate diversity; Good = abundant and diverse invertebrate community, grassland, heath, woodland.
How much of pond perimeter could be surveyed? Note areas of the pond which were not accessible.	
Comments box: e.g. new ownership, changes since previous visit, any other information about the pond.	
emergent vegetation. These will help you to calc others can use on future visits.	pond, marking on variables such as amount of shade and patches of culate percentage cover and provide a record of the pond which you or
www.freshwaterhabitats.org.uk/projects/wate	aps (or scan them if you have a scanner) and upload them with the record ernet.
	LOTTERY FUNDED