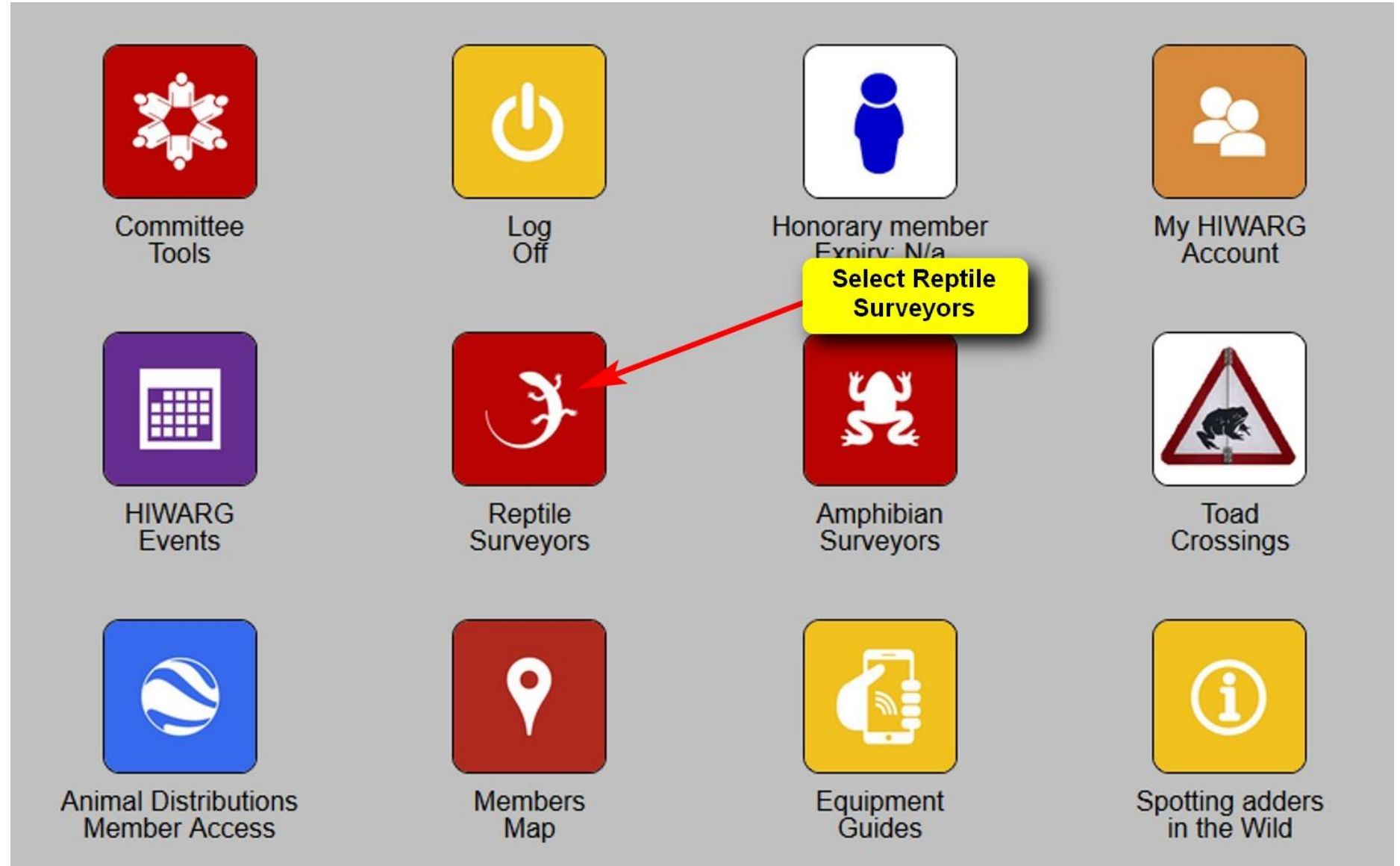


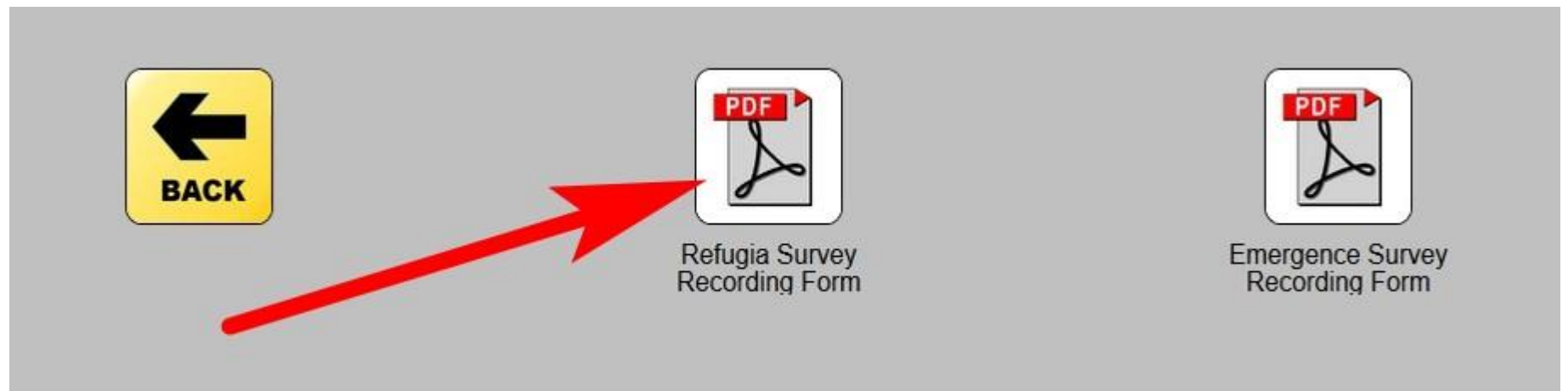
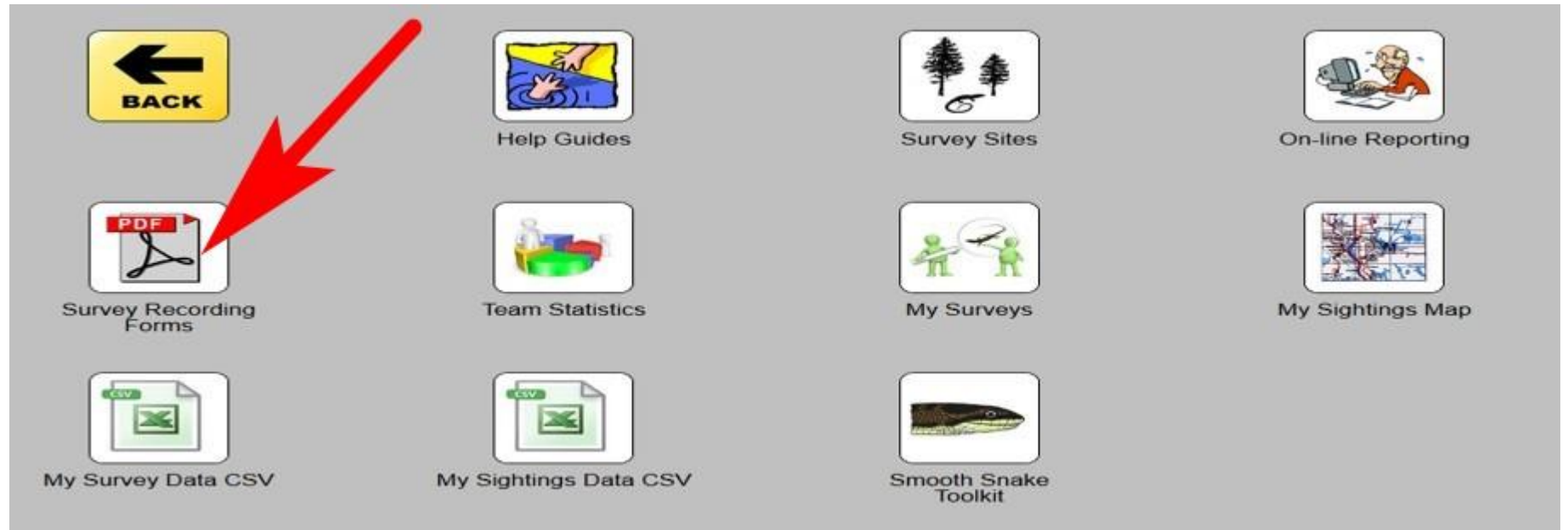
Reptile transect survey Quick Guide

**Click on Reptile
Surveyors Icon**



Survey recording forms

Print survey recording form or welcome to use a notebook or similar.



**The forms are
designed to capture
all the information
that will need to be
uploaded later.**



HIWARG Reptile Survey Team
Refugia Survey Recording Sheet



Survey Details

Surveyor:	Site Name:	Survey Type: Visual & Refugia
Date:	Survey Start Time:	Survey End Time:
Comments:		

Reptile Sightings

Tin number or Grid ref	Tin Status	Species	Life Stage	Gender	Comment

Planning a survey

Click on Survey Sites



Help Guides



Survey Sites



On-line Reporting

Select Survey Sites



Survey Recording Forms



Team Statistics



My Surveys



My Sightings Map



My Survey Data CSV



My Sightings Data CSV

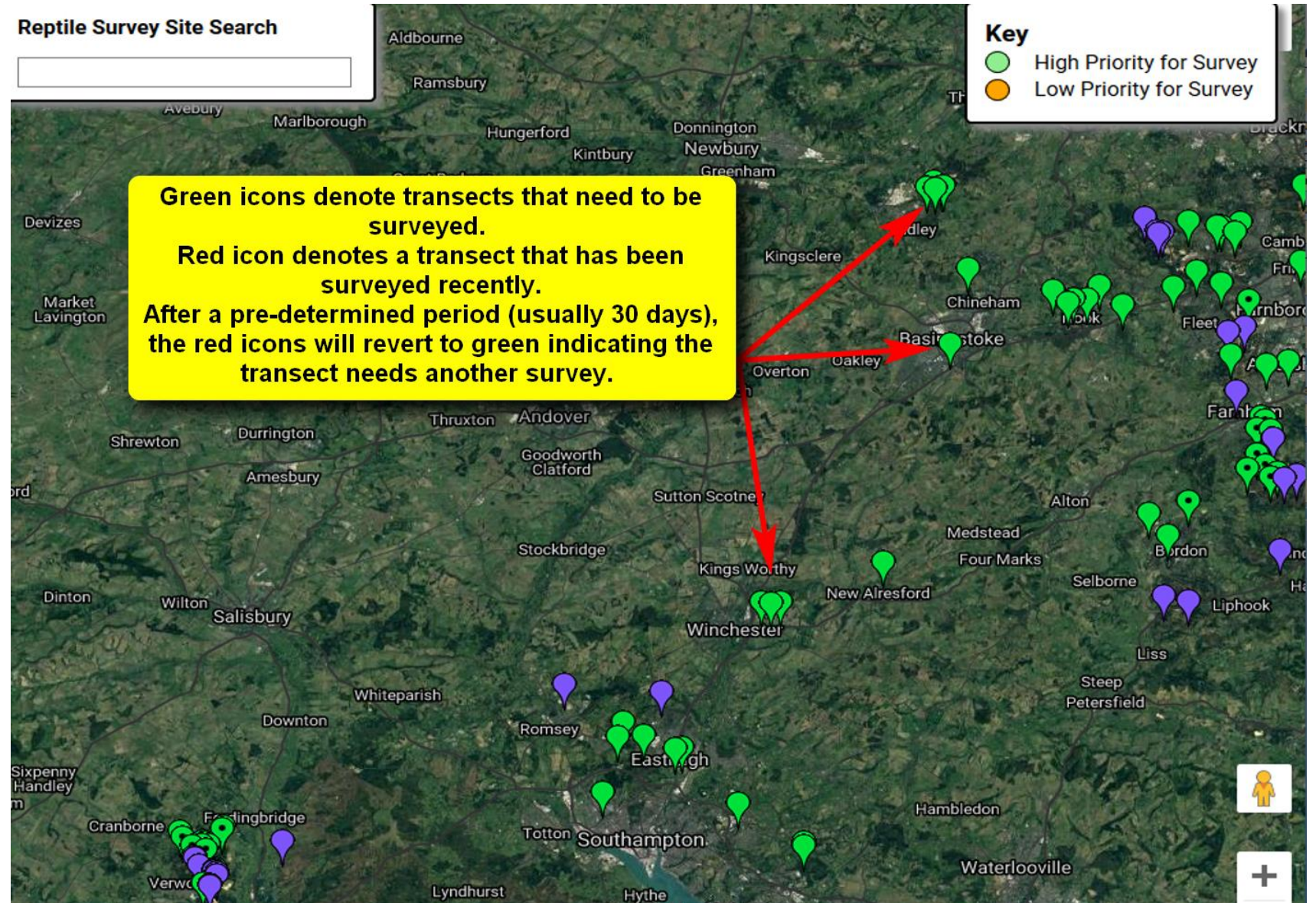


Smooth Snake Toolkit

Selecting a transect to survey

Select a site for survey i.e. Green Icon.

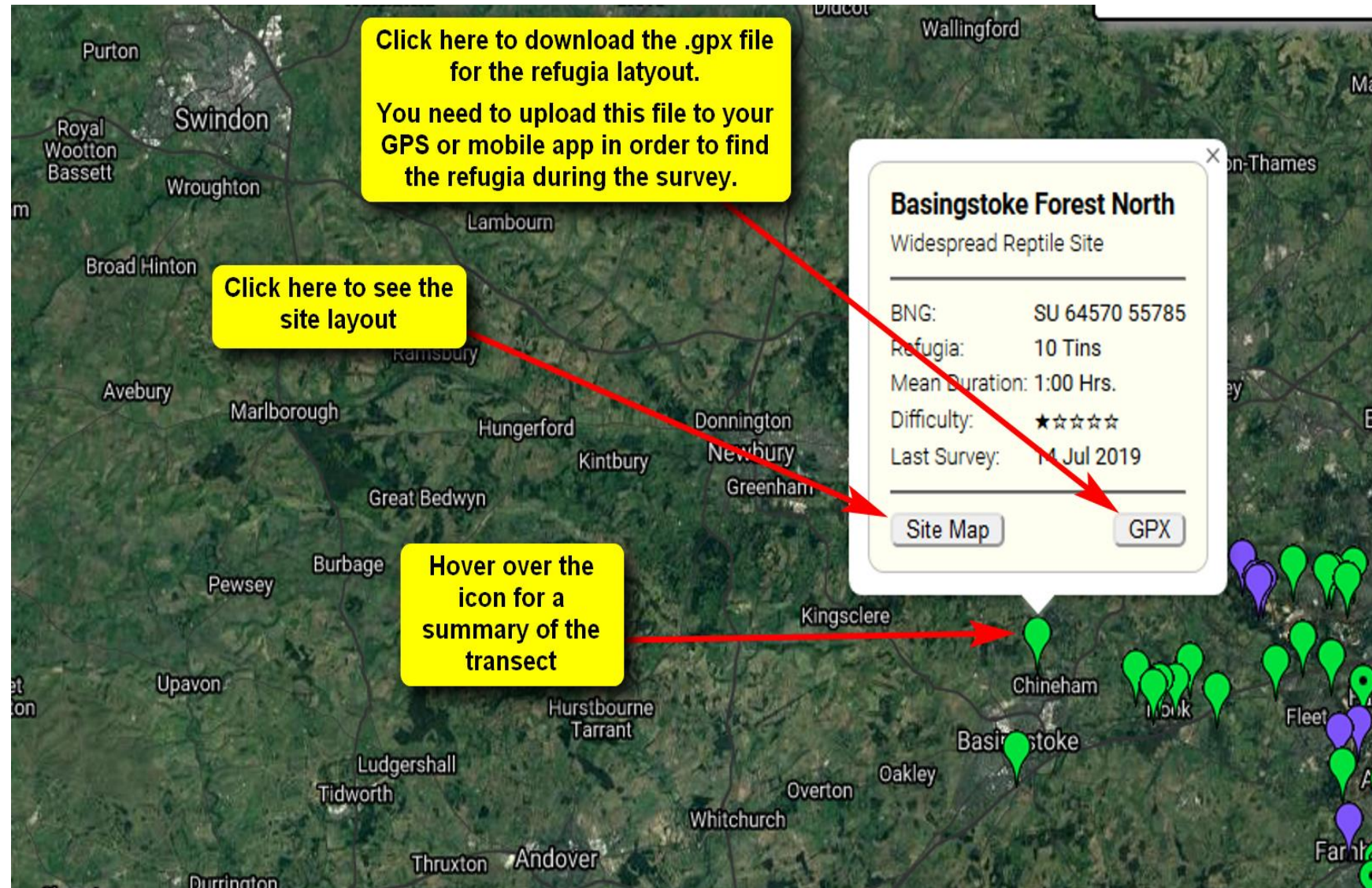
Red icons have already been surveyed in the past 30 days.



View basic transect information

Hover over the icon & click site map to view the site or GPX to just download the latest refugia locations for GPS.

Alternatively just click on the green icon.



View transect layout

**View the transect
refugia layout.**

**This helps you plan
you walk.**

**It helps to print a
screenshot of this
view to take along.**



IMPORTANT: Read site info & instructions

Check the site information & any special instructions.

Transect overview view showing refugia layout.

Hint: It may be useful to print a screenshot of this view to take along to help orientate yourself when on site.

Click on these for more details about the site.

IMPORTANT

Read the instructions and follow them as they relate to the specific transect. In some cases you need to notify the area ranger before going on site.

You can download the refugia .gpx files here too

Map Layers

- ☒ - Adder
- ☐ - Grass snake
- ☐ - Smooth snake
- ☐ - Common lizard
- ☐ - Slow worm
- ☐ - Sand lizard

- ☒ 0 Refugia
- ☐ 0 Missing Refugia?
- ☒ P Parking
- ☐ Black Spots

Map data ©2020 Imagery ©2020, CNES / Airbus, GeoMAPPING plc, Infoterra Ltd & Bluesky, Maxar Technologies 50 m

GPX Labels Information Status Report Submit Survey Last Transect Change Site Edit Site

IMPORTANT: Read site info & instructions

Follow the instructions carefully & advise land managers before visiting the site if required.

Site Name:
Basingstoke Forest North

County:
Hampshire

Site Owner:
FC

Manager Contact:
Sir

Site Key:
SGBFN

District:
Basingstoke and Deane

Site Manager:
FC

Site Access:

Site information page.
Be sure to read & comply with instructions in these fields.

Survey Focus:
Widespread species. GCN presence.

Site Information:

Site Access:

Site Sensitivities:
GCN likely

Reptile species known to be present at Basingstoke Forest North				
Species	Status	Total number seen	Last sighting	Surveyor
Slow worm:	Present	3	14 07 2019	Pete Gillatt
Common lizard:	Not Recorded	0	N/a	N/a
Grass snake:	Not Recorded	0	N/a	N/a
Adder:	Not Recorded	0	N/a	N/a
Sand lizard:	Not Recorded	0	N/a	N/a
Smooth snake:	Not Recorded	0	N/a	N/a

IMPORTANT: Read site info & instructions

Follow the instructions carefully & advise land managers before visiting the site if required.

Site Name: [REDACTED]		Site Key: SGBWW
County: Hampshire	District: Hart	Vice County: 12
Site Owner: FC	Site Manager: FC	
Manager Contact: Wildlife Ranger: [REDACTED] k Mobile: [REDACTED] Forester: [REDACTED]		
Site Access: Drive in access via Welsh Drive *Note: gate may be locked at any time*. Walk on access from B3016, limited parking (one space on verge before [REDACTED] Caravan Park entrance, two spaces near recycling depot)	Site Sensitivities: Known Chytrid presence in northern areas of [REDACTED] Plantation. Treat all of site with increased biosecurity measures: Follow "Advice Note 4: Amphibian Disease Precautions: A Guide for UK Fieldworkers" in HIWARG members portal/Amphibian Surveyors Tools.	Survey Focus: Surveyors to have copy of FE Permit on site. Sheila Dyason FE Permit holder Widespread reptiles, refugia
Site Information: Email the following FE contacts a few days before surveying. Include dates, times and grid refs. Simon has asked that you text when you are on site and again when you leave.		

Site Status Review

Site Status report view	
Reporting Period	2012 to 2020
Number of Surveys	2
Survey Hours	2.0
Number of Refugia	10 tins
Survey Area	12.0 Ha
Refugia Density	0.83 tins/Ha

Reptile Species Summary

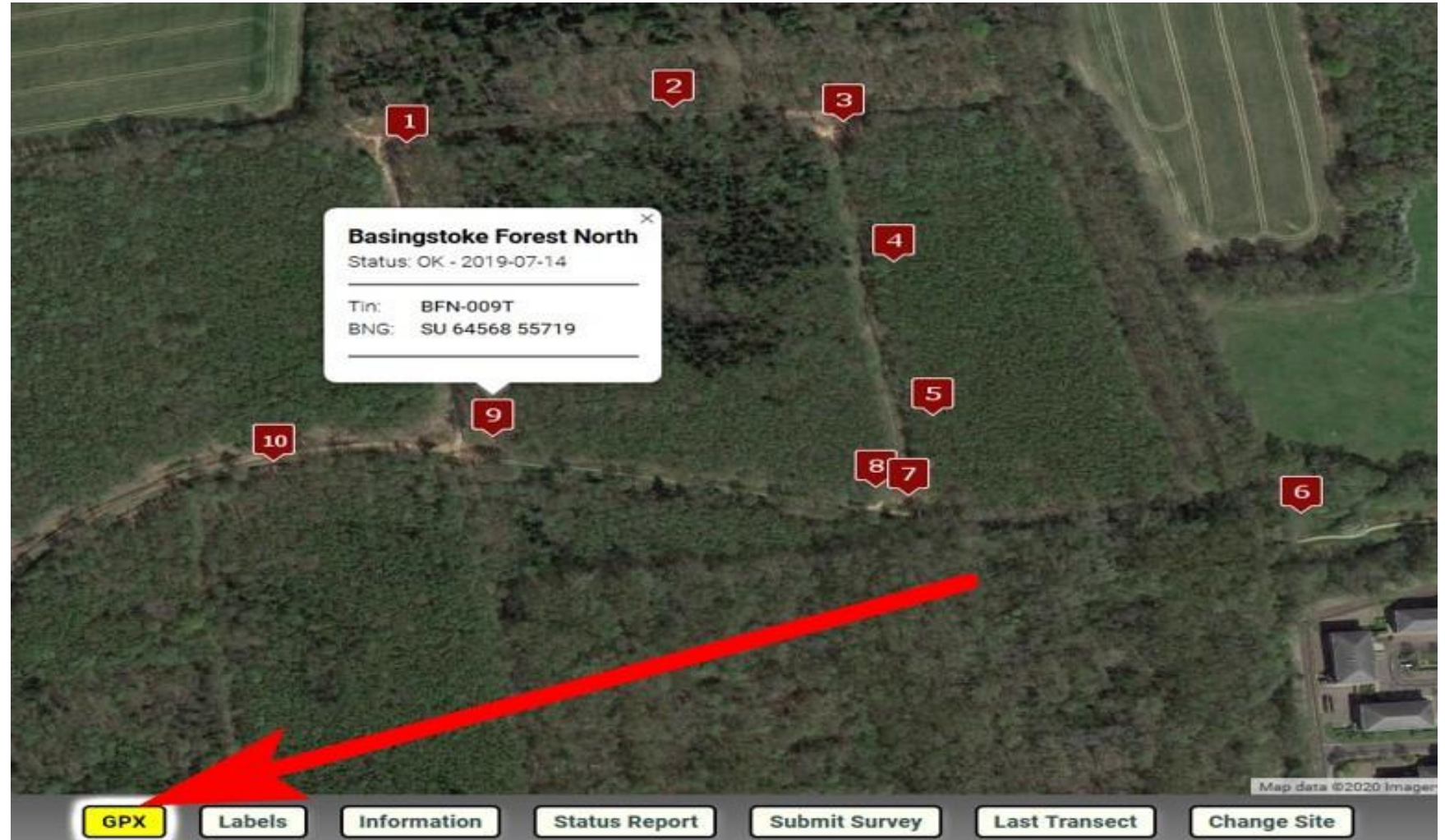
European Protected Species								
Common name	Scientific name	Occurrence	Total Recorded	Detection probability per hour			Trend	Confidence of Probable absence
				At site	In region	Comparative		
Smooth snake	<i>Coronella austriaca</i>	Not Recorded	0	0.000	0.121	N/a	N/a	4%
Sand lizard	<i>Lacerta agilis</i>	Not Recorded	0	0.000	0.107	N/a	N/a	8%
Other UK BAP Priority Species								
Common name	Scientific name	Occurrence	Total Recorded	Detection probability per hour			Trend	Confidence of Probable absence
				At site	In region	Comparative		
Adder	<i>Vipera berus</i>	Not Recorded	0	0.000	0.319	N/a	N/a	16%
Grass snake	<i>Natrix helvetica</i>	Not Recorded	0	0.000	0.192	N/a	N/a	6%
Common lizard	<i>Zootoca vivipara</i>	Not Recorded	0	0.000	0.407	N/a	N/a	10%
Slow worm	<i>Anguis fragilis</i>	PRESENT	3	1.000	0.554	Good (181%)	Stable	0%

Reptile Species Conservation Condition

[illegible]

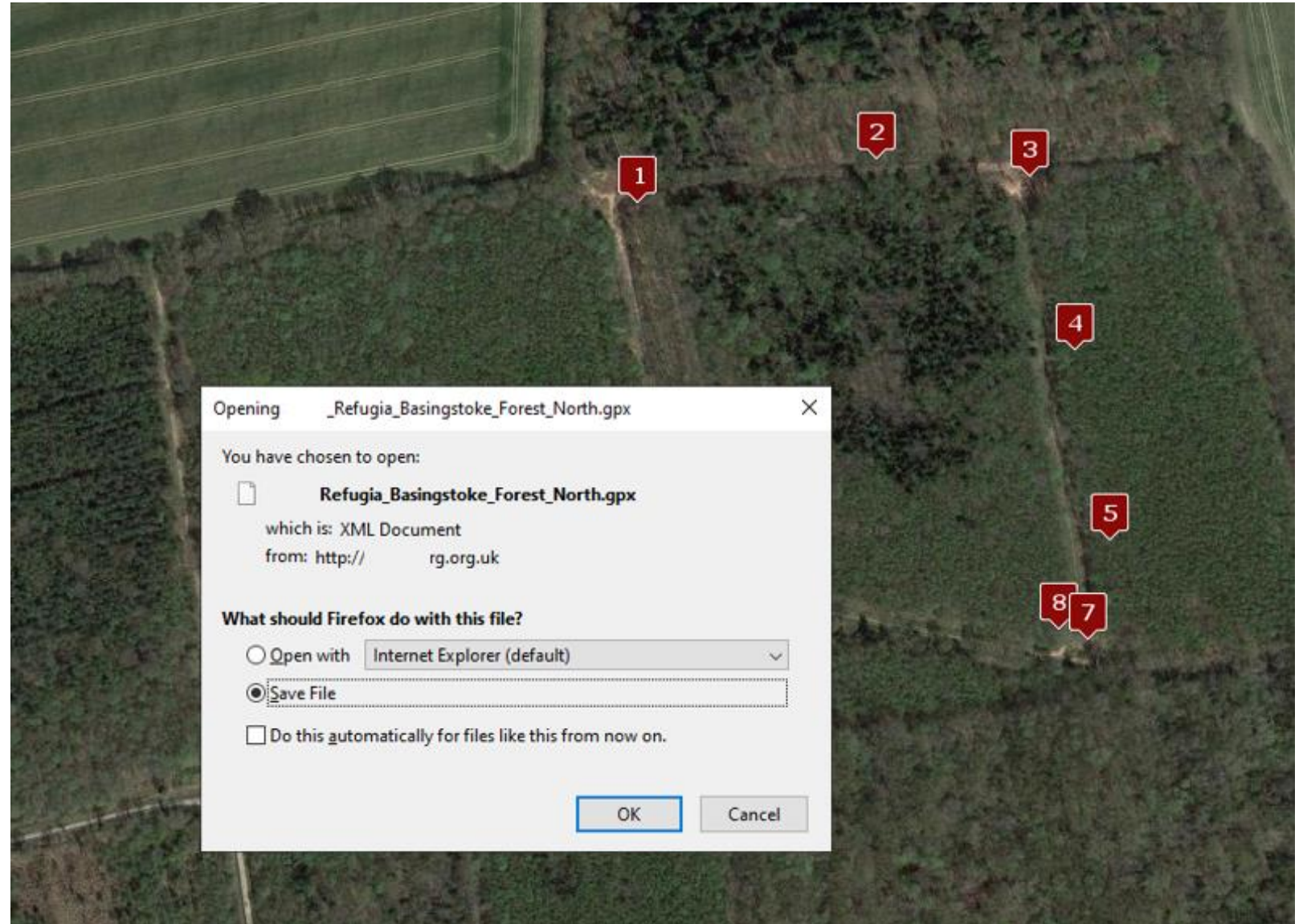
Downloading refugia locations

Click on GPX to download refugia .gpx file to you PC.



Downloading refugia locations

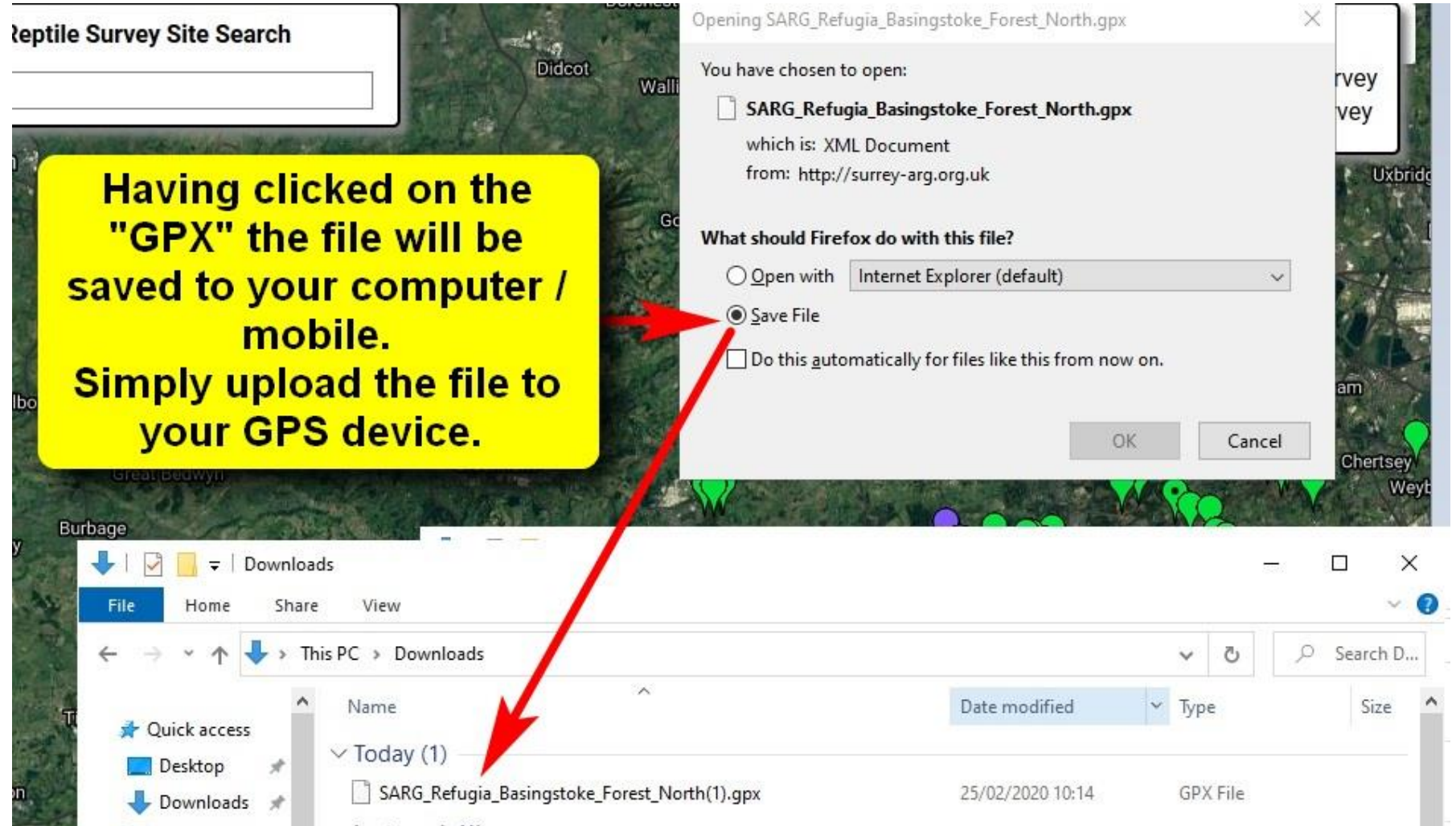
Save .gpx file to
PC



Downloading refugia locations

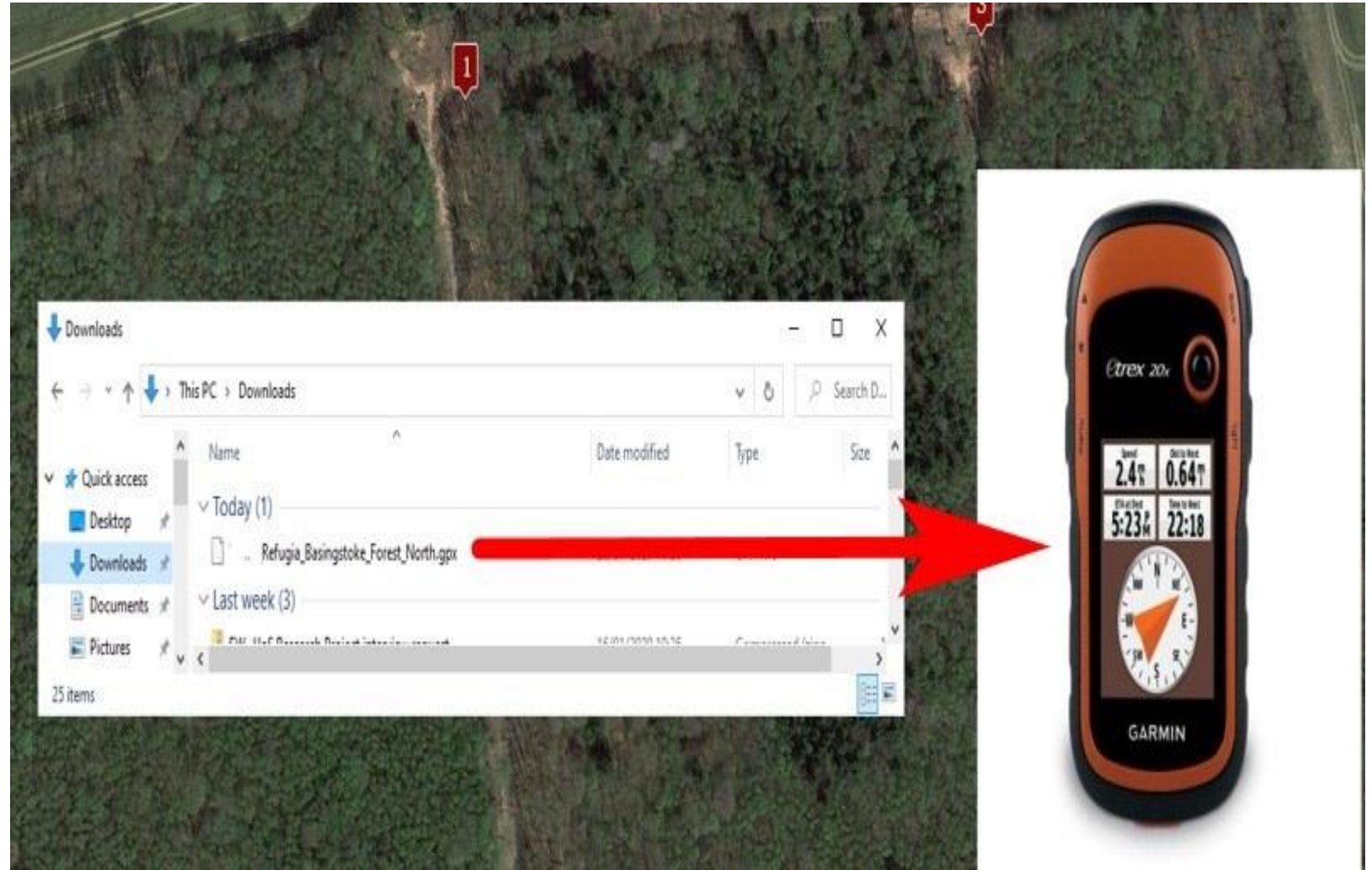
Click on GPX to download refugia .gpx file to you PC.

**Having clicked on the "GPX" the file will be saved to your computer / mobile.
Simply upload the file to your GPS device.**



Upload refugia file to GPS

**Copy .gpx file to
GPS.
Follow individual
GPS instructions.**



Do survey & record all finds



Head off & do your transect survey.

You do not need to follow the transect by the numbers, and you are encouraged to look for animals in appropriate looking areas between refugia.

We typically know there are animals around the refugia... we want to know where else they are on the site.

Record all your sightings at and between refugia i.e. visual sightings.

As per the recording sheets we record:

Transect name, start & end time.

Tin number or if visual sighting, record the 10 digit Grid Reference.

Refugia condition - present / not found.

Species, incl. Life Stage, Gender

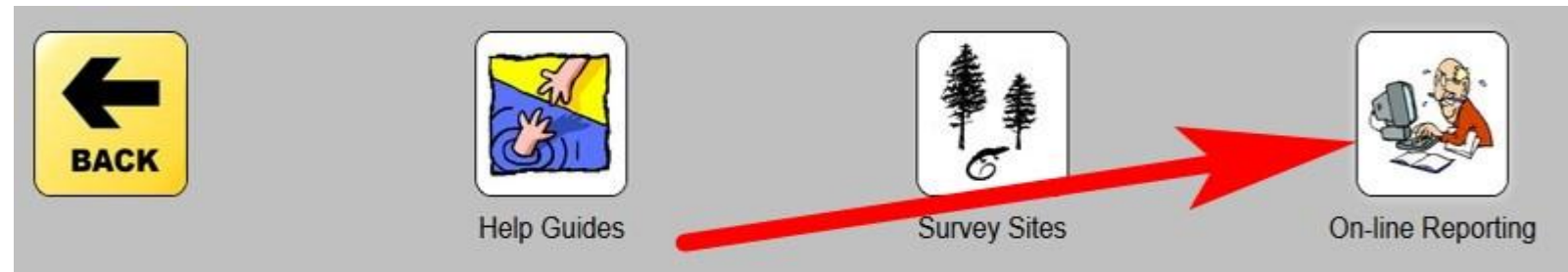
Comments

After the survey submit the survey data

After the survey there are two ways to capture the data.



or



Select the correct transect

**Enter date &
survey times**

Step 1 - Enter Survey Description

Refugia Survey

This form is for reporting results from formal refugia surveys at core sites only
For casual sightings at other sites use the [Sightings Report Form](#)

Name of Surveyor: Test Gillatt

Email of Surveyor: pete@ .org.uk

Name of Site: Basingstoke Forest North

Date of Survey: 13 January 2020

Survey times: Start End
24 hr clock 14:35

Enter Sighting

	Hour						Minute		
AM	00	01	02	03	04	05	00	05	10
	06	07	08	09	10	11	15	20	25
PM	12	13	14	15	16	17	30	35	40
	18	19	20	21	22	23	45	50	55

Start capturing the data

**Capture date &
start end time**

Name of Surveyor: Test Gillatt

Email of Surveyor: pete@ j.uk

Name of Site: Basingstoke Forest North

Date of Survey: 13 January 2020

Survey times: Start End
24 hr clock 14:35 16:35

Enter Sightings

Recording animals found at refugia

Select refugia
number

Records from the Refugia survey of **Basingstoke Forest North** by **Test Gillatt** (pete@arg.org.uk) on 13 January 2020 between 14:35 and 16:35

Record: 1 Tin: ☒ Vis: ☐ Tin Number: Select refuge status Location: Number of reptiles:

Select refuge

at this location, leave the table blank

Add number seen in grid		Smooth Snake	Grass Snake	Slow Worm	Sand Lizard	Common Lizard	Unknown
Adult	Male:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Female:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Unknown:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sub-Adult	Male:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Female:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Unknown:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Juvenile	Male:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Female:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Unknown:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Burrow:		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Slough:		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Eggs:		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Corpse:		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments:		<input type="text"/>					

Capture refugia and animal details

**Update refugia status.
Mark as “Not found” if
that is the case.**

**(If refugia is marked as not found 3
successive surveys, committee are
notified & will visit site to replace
the missing refugia.)**

**Add in the qty of animals
per life stage / sex as
found at the refugia**

Records from the Refugia survey of **Basingstoke Forest North** by **Test Gillatt** (pete@arg.org.uk)
on 13 January 2020 between 14:35 and 16:35

Record: 1 Tin: ☒ Vis: ☐ Tin Number: status Location: Number of reptiles:

If no sighting, please leave the table blank

Add number seen in grid		Smooth Snake	Adder	Worm	Sand Lizard	Common Lizard	Unknown
Adult	Male:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Female:	<input type="text"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Unknown:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sub-Adult	Male:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Female:	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Unknown:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Juvenile	Male:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Female:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Unknown:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Burrow:		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Slough:		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Eggs:		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Corpse:		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments: <input type="text"/>							

Next record

Add another sighting

Record: 1 Tin: ☒ Vis: ☐ Tin Number: status Location: Number of reptiles:

If no sightings at this location, leave the table blank

Add number seen in grid		Smooth Snake	Adder	Grass Snake	Slow Worm	Sand Lizard	Common Lizard	Unknown
Adult	Male:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Female:	<input type="text"/>	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Unknown:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sub-Adult	Male:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Female:	<input type="text"/>	1	<input type="text"/>	1	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Unknown:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Juvenile	Male:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Female:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Unknown:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Burrow:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Slough:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Eggs:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Corpse:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments:		<input type="text"/>						

Recording a visual sighting

Select “Vis” for visual sighting.

Enter 10 digit Grid Ref.

Add in the qty of animals per life stage / sex as found at the refugia

Records from the Refugia survey of **Basingstoke Forest North** by **Test Gillatt** (pete@g.org.uk) on 13 January 2020 between 14:35 and 16:35

Record: 1 Tin: ☒ Vis: ☐ Tin Number: BFN-001T Present Location: SU6 26559 Number of reptiles: 4

Record: 2 Tin: ☐ Vis: ☒ Location: SU6 26559 Number of reptiles: 1

If no sightings at this location, leave the table blank

Add number seen in grid		Smooth Snake	Adder	Grass Snake	Slow Worm	Sand Lizard	Common Lizard	Unknown
Adult	Male:							
	Female:							
	Unknown:							
Sub-Adult	Male:			1				
	Female:							
	Unknown:							
Juvenile	Male:							
	Female:							
	Unknown:							
Burrow:								
Slough:								
Eggs:								
Corpse:								
Comments:								

Add another Refuge or Sighting

Delete this record

Submit Survey Report

When all transect sighting have been captured

Submit Survey Report

Adult	Female:								
	Unknown:								
Sub-Adult	Male:			1					
	Female:								
	Unknown:								
Juvenile	Male:								
	Female:								
	Unknown:								
Burrow:									
Slough:									
Eggs:									
Corpse:									
Comments:									
Add another Refuge or Sighting		Delete this record							
		Submit Survey Report							

