



## How to report your sightings of spittlebugs and other xylem-feeding insects on iRecord in seven easy steps

### STEP 1. You can access the iRecord website using the following URL:

<https://www.brc.ac.uk/irecord/xylem-feeding-insects>

The front page looks like this:

Home Record Explore Activities Summaries Verify Verify - new Forum Help

Survey of Xylem-feeding Insects

Help us find froghoppers, spot spittlebugs and look for leafhoppers!

This is the recording form for the Survey of Xylem-feeding Insects.

The survey focuses on all froghopper (spittlebug) species and certain larger species of leafhopper that feed on plant xylem fluid, and that may become important vectors of Xylella disease in plants. The results will be used to map the distribution of these insects to understand better how Xylella might enter and spread in the UK. The survey is part of the BRIGIT project coordinated by the John Innes Centre.

Further information on how to carry out the survey, and guidance on identifying the froghopper and leafhopper species, can be found on survey website.

What Did You See? (Where Was It?)

Your survey details:

Recorder Name:  \*

Date:  \*

Time spent searching (minutes):  \*

Area searched (square metres):  \*

What plant were the insects found on?  \*

Extra notes on "other" hostplant species:

Species	Certainty	Identifier	Stage	Quantity	Comment	Add photos
		Stewart, Alan				Select a species first

We recommend that you register with iRecord (it is very quick and easy), so that you don't have to enter your details each time you want to enter a record. It will also enable us to contact you if we have a query about one of your records. Please use your real name rather than a pseudonym.

### STEP 2. Entering the details of your survey.

The first section of the record entry form looks like this:

Your survey details:

Recorder Name:  \*

Date:  \*

Time spent searching (minutes):  \*

Area searched (square metres):  \*

A red star \* next to a box means that you must enter something in that field in order for your record to be valid.

- Enter your name in the *Recorder Name* box (if you have registered, this will already have been entered for you).
- Enter the date.
- Enter how long you spent searching for spittle or adult insects
- Estimate the approximate area of habitat that you searched

These last two entries will help us get an idea of the size of the local spittlebug/leafhopper population.

### STEP 3. What plant were the insects found on?

A major aim of the BRIGIT project is to find out what plants these insects feed on. When you start typing in the *What plant....* field, a drop-down list will appear. Click on the name of your plant when it appears. If the name of your plant doesn't appear, please type *Other species* (a clickable drop-down will appear) and then enter the name of your plant in the box underneath.

What plant were the insects found on?  \*

Extra notes on "other" hostplant species:

## STEP 4. Entering record(s) of spittlebugs/leafhoppers that you found.

This is where you should enter the details of what insects you saw.

- (i) Species: start typing a species name and a drop-down list will appear to choose from
- (ii) Certainty: record how certain you feel about your identification (certain, likely, uncertain)
- (iii) Identifier: this may be yourself or someone else
- (iv) Stage: please indicate whether you are recording spittle only, the insect inside the spittle or an adult insect
- (v) Quantity: how many did you see?
- (vi) Comment: please add any relevant comments for each record

Please list each leafhopper and frog hopper you found. **If at all possible add a photo of each species recorded.** For a guide to identifying the insects see the [survey website](#). (Note that this form focuses on just the species included in the survey - to record other wildlife use the main iRecord forms via the "Record" menu, above.)

Species	Certainty	Identifier	Stage	Quantity	Comment	Add photos
	▼		▼			Select a species first
	*	*	*	*		

Use \* as a wildcard when searching for species names. If anyone helped with the identification please enter their name under "Identified by". Please give an estimate of the number of individual insects seen.

- (vii) Add photos: In order for us to verify your record(s), we need you to upload suitable photos. Please add at least one photo of each species you record. Once you have entered a species name, an *Add images* button will appear on the right hand side of the form. Clicking on this button will bring up an *Add photo* button, from which you can navigate to click on the relevant file on your computer. You can add as many photos as you wish. If you are taking photos on commercial premises (e.g. a garden centre), please obtain the owner's permission first.

Please list each leafhopper and frog hopper you found. **If at all possible add a photo of each species recorded.** For a guide to identifying the insects see the [survey website](#). (Note that this form focuses on just the species included in the survey - to record other wildlife use the main iRecord forms via the "Record" menu, above.)

Species	Certainty	Identifier	Stage	Quantity	Comment	Add photos
Philaenus spumarius Cuckoo-Spit Insect insect - true bug (Hemiptera)	▼	A	▼			<b>Add images</b> +
	*	*	*	*		Select a species first

## STEP 5. Moving to the next page.

Assuming you have filled in all the required details on the first page of the form (you will be prompted if any information has been left out or is invalid), you can now move on to the second page by clicking on the tab here:



Home » Record » Project-specific forms » Survey of Xylem-feeding Insects

### Survey of Xylem-feeding Insects

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The survey focuses on all frog hopper (spittlebug) species and certain larger species of leaf hopper that feed on plant xylem fluid, and that may become important will be used to map the distribution of these insects to understand better how *Xylella* might enter and spread in the UK. The survey is part of the BRIGIT project

Further information on how to carry out the survey, and guidance on identifying the frog hopper and leaf hopper species, can be found on [survey website](#).

What Did You See? **Where Was It?**

Your survey details:

Recorder Name:  \*

Please add your name, if it is not already shown, using the format "Surname, First name"

## STEP 6. Where were the insects seen?

- (i) Location name: Please use a name that best describes where you found the insect(s)

What Did You See? Where Was It?

Please provide a location name for where you saw the insect(s) - this can be the name of the nearest town or village, or another location name taken from an OS map. If recording from your garden, do not enter your full postal address as the information you provide will be visible to others.

Location name:

Use the map controls to find the location and its grid-reference. Click on the map to select the location and a grid reference will be entered automatically for you. Alternatively, if you know your grid-reference you can type it directly into the box:

British National Grid

If you can't find your location on the map, you can search for a place name or postcode and then click on the map to set the grid reference:

Habitat:

Which of these habitats best describes your location?

Additional survey comments:

- (ii) Grid-reference: If you know the grid-reference of the location, just type it in. Otherwise, click on the relevant part of the map. You can zoom in or out using the +/- scale on the left-hand side. You can move the map around by dragging it (hold down left button and move mouse). Messages will appear in a light brown box below the grid-reference box indicating how to proceed.

What Did You See? Where Was It?

Please provide a location name for where you saw the insect(s) - this can be the name of the nearest town or village, or another location name taken from an OS map. If recording from your garden, do not enter your full postal address as the information you provide will be visible to others.

Location name:

Use the map controls to find the location and its grid-reference. Click on the map to select the location and a grid reference will be entered automatically for you. Alternatively, if you know your grid-reference you can type it directly into the box:

TQ2271  British National Grid

1km square selected. Please click on the map again to provide a more accurate location.

If you can't find your location on the map, you can search for a place name or postcode and then click on the map to set the grid reference:

Habitat:

Which of these habitats best describes your location?

Additional survey comments:

- (iii) Search button: If you prefer, you can use enter a postcode or place name here to find your location on the map.
- (iv) Habitat: Choose the most relevant category from the drop-down menu
- (v) Comments: Add any additional information or comments here.

## STEP 7. Submit

Once you are satisfied that all the information you have entered is correct, press the *Submit* button and your record will be sent for verification. You should receive a response within a week. THANK YOU!