

Richmond Park Zooniverse Project Instructions

Thank you for your interest in helping with the wildlife survey of Richmond Park which is being conducted by the London Hogwatch project of the Zoological Society of London (ZSL) together with volunteers from the Friends of Richmond Park (FRP), who are also funding the project, and overseen by The Royal Parks (TRP).

The aim of the project is to record a comprehensive view of wildlife activity in the park through images captured by 150 cameras. These were deployed across the park by FRP volunteers, London HogWatch, and TRP staff between 9th-30th April 2024 and recorded in total around 600,000 images. We now need help to classify those images so that we can identify as many species as possible and thus determine where in the park they were seen and when.

To begin classifying the images you will first need to create a login for yourself to the Zooniverse software platform (and remember the username and password you used). The instructions below describe how to register and then how to begin classifying the images. Each image will be classified by several people and of course you will not need to classify all 600,000 images yourself! Images containing humans or with no obvious wildlife, as classified by an AI system, have already been removed from the data set.

Some images will be difficult to classify (for example deer legs) or will have been triggered by moving shrubs rather than wildlife. We therefore don't expect you to be able to identify a wildlife species in every image and there are classification options to cater for this sort of ambiguous image.

We hope that you enjoy being part of a large and important Citizen Science project which will help The Royal Parks and ZSL to extend their understanding of how wildlife uses the wonderful resource of Richmond Park.

Follow the instructions below to get registered and start classifying. Please make sure you have **registered an account and **signed in**, **BEFORE** you start classifying.**

In summary:

1. Click on this link or copy and paste it into your browser to go to the Richmond Park Zooniverse project landing page:
<https://www.zooniverse.org/projects/londonhogwatch/london-hogwatch-richmond-park>
2. Register an account on the Zooniverse web page and remember the password you use for future logins.
3. Check to make sure you're signed in.
4. Start identifying wildlife species under the "Classify" header on the top right of the web page.
5. Follow the Tutorial found within "Classify" to get started.
6. Classify as many images as you have time for. Feel free to stop your session by closing down the webpage and returning later, when you want.

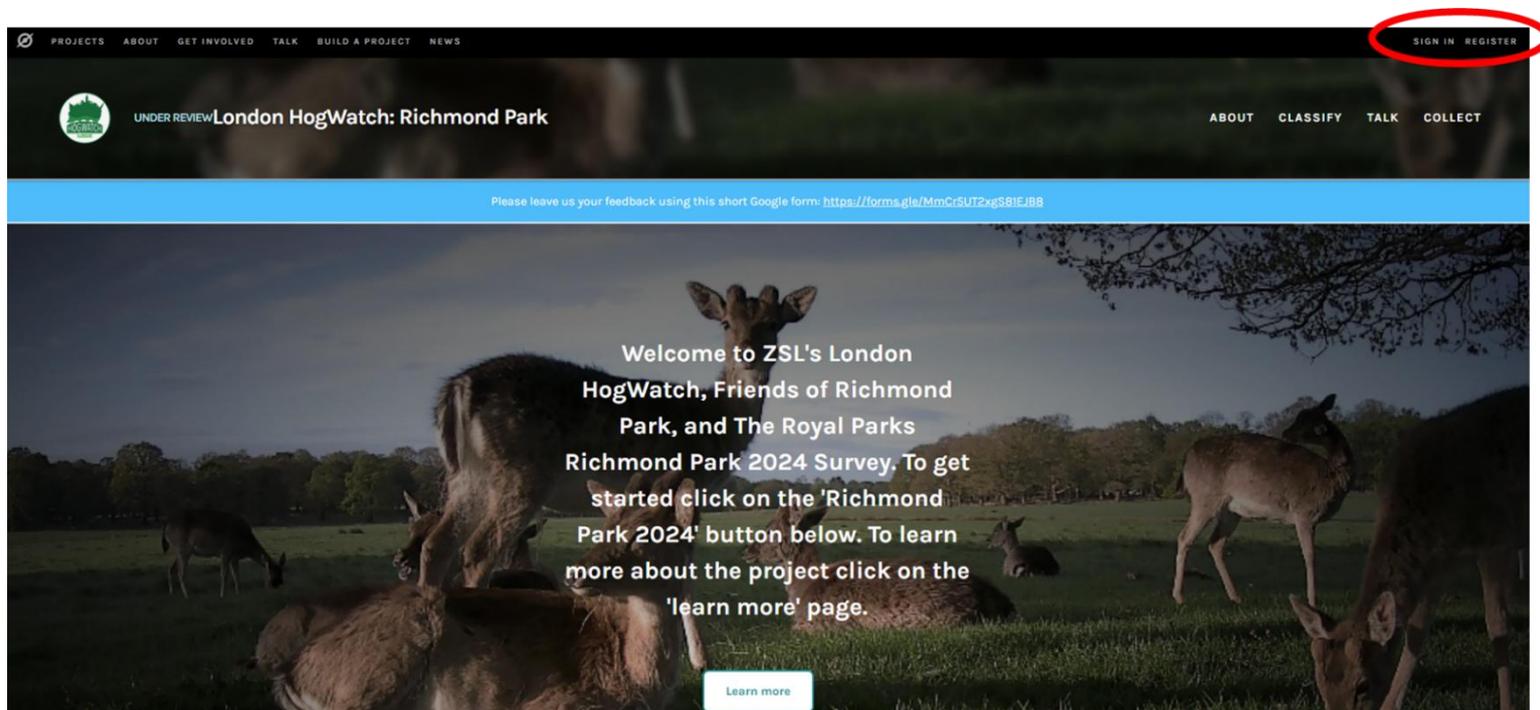
Further details are given below or on the FRP website page for the project:

<https://www.frp.org.uk/richmond-park-wildlife-survey/>

Registration

After clicking on the link above you will see several information areas about the project.

Press 'register' at the top right of the landing page (see the image below) to sign up to Zooniverse before getting started on classifying images. If aged under 16, the registering person will need to fill out the registration with an adult present.



Once you click 'register' you will be greeted with a pop-up screen that asks you to fill out some information:

- **Username (Required):** this will be shown publicly but does not have to be your actual name if you wish not to share that information. For example, you could be 'RPLover25'.
- **Password (Required):** this is of your choosing
- **Confirm Password (Required):** password repeated
- **Email Address (Required):** email address you wish to have any correspondence from Zooniverse to, and to be associated with your account
- **Confirm Email Address (Required):** email address repeated
- **Real Name (Optional):** not required
- Tick that you agree with the privacy policy (required), mailing list (optional), test new projects (optional)

Once you've registered you will be redirected back to the **London HogWatch: Richmond Park** page.

Check to make sure you're **signed in** and are greeted by the Richmond Park Project home page (image above). If you get redirected at any point somewhere else just head back to the link to the project landing page provided with the invitation to take part in the survey.

(If you run into problems select the **"Talk"** menu item at the top right of the landing page screen and then select **"Technical Help"** to report bugs and any other problems.)

Get Started - The London HogWatch: Richmond Park project

Now that you're on this page you can scroll down the page and learn how many volunteers are taking part, classifications completed already, and subjects (sequence of images) to be identified. There are also links to various **'External Project Links'** (see image below), and other information about the survey.

To get started classifying images, from this landing page under **'Get Started ↓'** click on **'Richmond Park 2024'** (see image below). This will take you to the page where you can start classifying images. You will be greeted with a **'Tutorial'** which will give you instructions on your task – see the image below.

Get started ↓

Help us identify animal and bird species from our camera trap survey in Richmond Park by clicking on the button below! A tutorial will then appear which explains what you need to do.

Richmond Park 2024

LONDON HOGWATCH: RICHMOND PARK STATISTICS

0% Complete

8	183	199	0
Volunteers	Classifications	Subjects	Completed Subjects

1 person is talking about London HogWatch: Richmond Park right now.

Join in

WORDS FROM THE RESEARCHER

"Richmond Park's wildlife is waiting to be discovered! By helping us identify species in these images, you're helping us conserve important wildlife populations under threat."

ABOUT LONDON HOGWATCH: RICHMOND PARK

London HogWatch has partnered with Friends of Richmond Park and The Royal Parks to conduct a large scale camera trap survey of Richmond Park. In April 2024 we deployed 150 camera traps for three weeks in order to assess the park's biodiversity. The cameras collected over 600,000 images in total. Using AI and machine learning, human and blank images have been removed, leaving just over 200,000 images left to analyse. That many images would take a long time to analyse as a small team, and that's where you come in! We're asking for help from volunteers to identify the species captured in this study and discover more about the wildlife of Richmond.

EXTERNAL PROJECT LINKS

- ZSL London HogWatch Website
- Friends of Richmond Park
- The Royal Parks
- <https://x.com/LondonHogWatch>
- https://www.instagram.com/hogwatch_zsl

Begin the classification task

Once you enter the page you should be greeted by the **'Tutorial'** (see image below), a sequence of information boxes explaining the identification process. If you need to access this information again at any time, just click **'Tutorial'**.

You will be presented with a sequence of images within which you will need to identify what is in the image by choosing an option from a list of species. After you identify a species in an image you will then need to select **'how many individuals?'** of that species are present, before you can confirm the classification. If there are several species in an image, then you should repeat this process for each species before moving to the next image.

Please feel free to continue classifying images for as long as you like. Just close your browser to finish a session – there's no need to log out. When you return for another session, the system will know which images you have already classified and offer new images. Clearly, with many thousands of images to be classified, each person will only be able to look at a small proportion of the overall set of images.

Once you have finished classifying an image and moved to the next image, then it is not possible to re-classify an image if you think that you may have got the classification wrong.

Each image will be classified by several different people and a consensus classification used for that image. In cases where there is no obvious consensus, ZSL's expert zoologists will review the images so that the classifications are as accurate as possible.

The screenshot shows the Zooniverse interface for the 'London HogWatch: Richmond Park' project. The top navigation bar includes 'ABOUT', 'CLASSIFY', 'TALK', and 'COLLECT'. A 'TUTORIAL' link is also visible on the right side. A 'Welcome!' modal is overlaid on a trail camera photo of a grassy field. The modal text reads: 'Welcome to the Richmond Park Survey! In this project, we are asking you to identify animals found in trail camera photos from Richmond Park. Your help allows us to understand more about Richmond's important wildlife and biodiversity!' with a 'Continue' button and a progress indicator. To the right, a 'TASK' table lists various animal species for classification.

TASK		TUTORIAL		
Like	Pattern	Colour	Tail	Size
Fox	Rat	Reptile		
Deer (Fallow)	Blackbird	Robin		
Deer (Red)	Blue Tit	Skylark		
Badger	Carriion Crow	Sparrow (House)		
Jackdaw	Collared Dove	Starling		
Rabbit	Coot	Swan (Mute)		
Squirrel (Grey)	Duck	Thrush		
Pigeon (Woodpigeon)	Dunnoek	Woodpecker (Great Spotted)		
Cat	Goose	Woodpecker (Green)		
Deer (Muntjac)	Great Tit	Wren		
Deer (Roe)	Jay	Bird (Other)		
Deer (Unidentified)	Magpie	Human		
Dog	Moorhen	Mammal (Other)		
Hedgehog	Owl	Don't Know		
Horse	Pigeon (Feral Pigeon)	Nothing here		

NOTE: IPAD USERS

A technical fault has been observed when using Zooniverse on iPads. When classifying more than one species, or answering, 'Nothing Here', Zooniverse will also highlight another species, usually found beneath the identify button, eg 'Goose', 'Great Tit' etc.

This is **not** actually indicating that you selected this species but merely **highlighting** the species. If you touch anywhere else on the screen it should disappear, and you will be left with your selection and can continue on to the next image.

To double check what classification you have chosen before moving on to the next sequence, look in the bottom left-hand side of the screen where your actual classification should be shown (see the image below).



ALREADY SEEN!

TASK			TUTORIAL	
Like	Pattern	Colour	Tail	Size
Badger	Goose		Reptile	
Blackbird	Great Tit		Robin	
Blue Tit	Hedgehog		Skylark	
Cat	Horse		Sparrow (House)	
Crow	Human		Squirrel (Grey)	
Collared Dove	Jackdaw		Starling	
Coot	Jay		Swan (Mute)	
Deer (Fallow)	Magpie		Thrush	
Deer (Muntjac)	Moorhen		Woodpucker (Great Spotted)	
Deer (Red)	Mouse		Woodpucker (Green)	
Deer (Roe)	Owl		Wren	
Deer (Unidentified)	Pigeon (Feral)		Bird (Other)	
Dog	Pigeon (Wood)		Mammal (Other)	
Duck	Rabbit		Nothing here	
Duncock	Rat		Don't Know	
Fox				

Showing 46 of 46 [Clear filters](#)

Done ⚙️

Nothing here ⌵

17°C LHW22CAM57 04/15/2024 01:35:24PM

Further information about the project

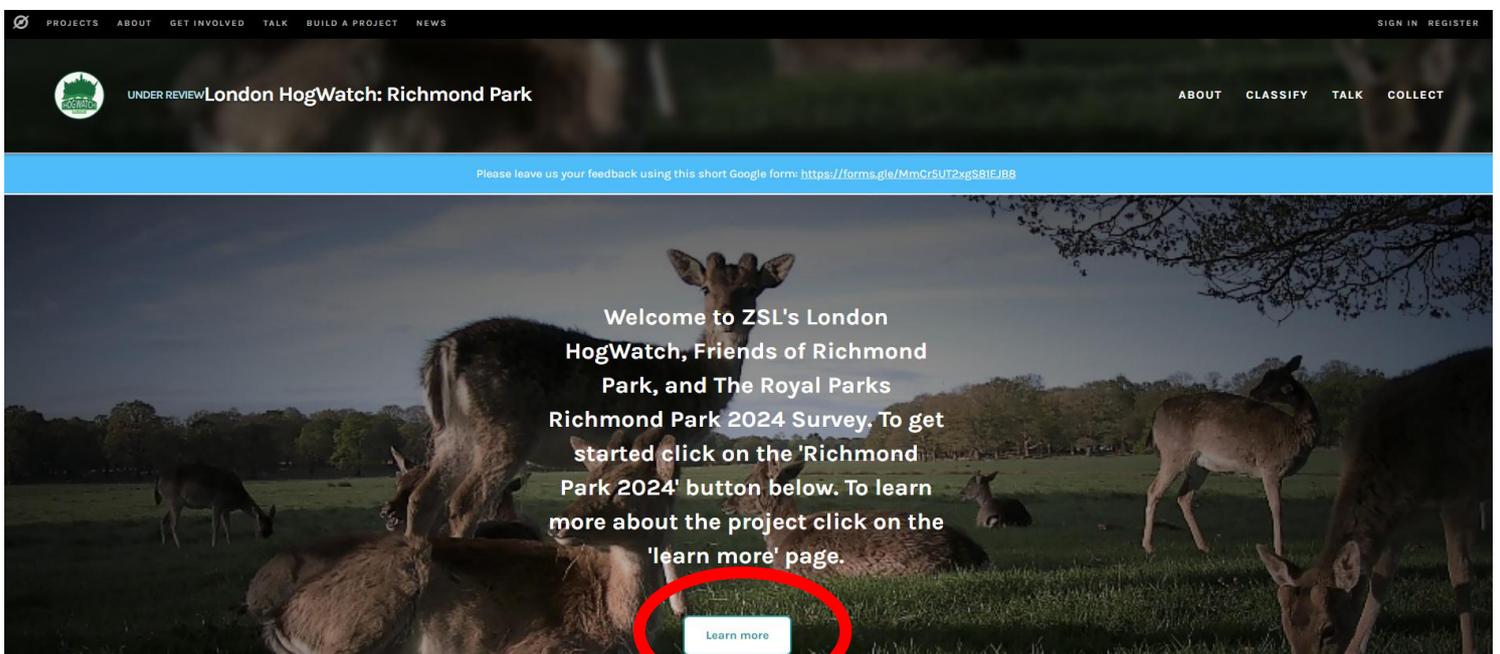
If you click on the **'Learn More'** button on the landing page (indicated by the red oval in the image below), you will be taken to our **'About'** section.

From here you can navigate to the:

- **'Research'** page where there is an explanation of the survey, and partners.
- **'The Team'** and find out who was involved in the survey
- **'Results'** where we will post results from analysis of the data
- **'Education'** where we've linked some Hedgehog information
- **'FAQ'** section for answers to frequently asked questions

To navigate to classifying images from this area click on **'Classify'** in the top right corner.

Click on **'Talk'** to see discussions, click **'Collect'** to see collections of images from this survey people have shared, click on **'Recent'** to see classifications you've made so far.



PROJECTS ABOUT GET INVOLVED TALK BUILD A PROJECT NEWS SIGN IN REGISTER

UNDER REVIEW **London HogWatch: Richmond Park** ABOUT CLASSIFY TALK COLLECT

Please leave us your feedback using this short Google form: <https://forms.gle/MmCrSUT2xgS81EJ88>

Welcome to ZSL's London HogWatch, Friends of Richmond Park, and The Royal Parks Richmond Park 2024 Survey. To get started click on the 'Richmond Park 2024' button below. To learn more about the project click on the 'learn more' page.

Learn more