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## Data entry in ZIMS

### [Contact Species360 Support](#)

Data entry is a mobile-friendly way to entry records. In addition to [the Daily Activity Dashboard](#), Data entry has been designed to simplify current ZIMS processes, providing users with a fast and easy experience for entering records while on the go.

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Data entry is automatically available in the following Species 360 template roles; Local Admin, Read Only and User. Functionality will need turning on in role management for Custom roles by Local Admins.

- Users with rights to add notes can enter notes for single and batch animals
- Users with rights to add weights can enter weights for single animals
- Users with rights to add census can enter census records for groups

Notes on IP Restrictions, Provisional Data and Advanced Access Management access:

- If a user has provisional notes access - they cannot record notes through mobile data entry
- If a user has provisional weights access - they cannot record weights through mobile data entry
  - buttons for those record types will be visible but greyed out and not clickable
  - users with provisional rights can still enter data for those record types as provisional through ZIMS Desktop features
- If a user has advanced access management access - Data Entry option will not display in the Start > New Features menu
- IP restrictions are not currently enforced in the Data Entry feature
- Single Session rules are not currently enforced in Data Entry.

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## Accessing Data entry

When logged into ZIMS through <https://zims.species360.org>, you can access Data entry from the ZIMS Start Menu under New Features when you have been granted permissions.



1. From the Start Menu in ZIMS, when you have permissions, you will see the...

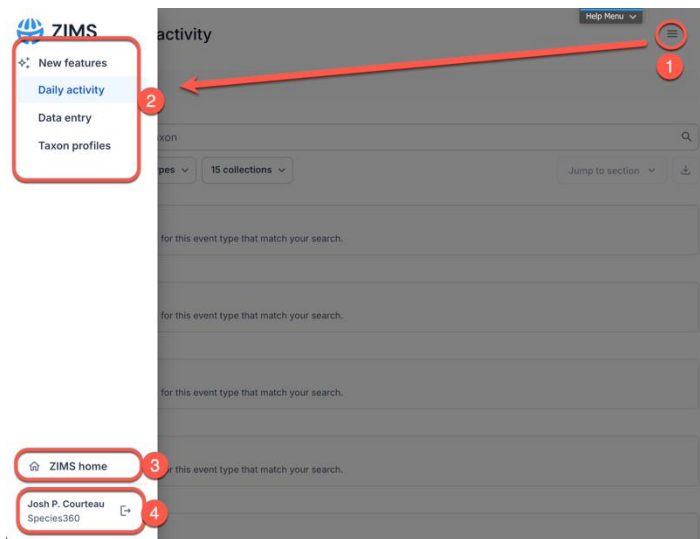
2. New Features menu

3. Depending on your permissions, you will see links to open the mobile friendly features in a new browser.

When you click Data entry, it will open as a new tab within your internet browser in the new sub-domain:

<https://zims2.species360.org>

When using the new features, you will see a new navigation menu option:



1. The menu at top right will open...

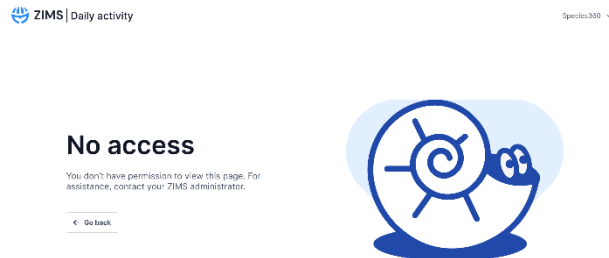
2. The side-bar navigation with options to switch to different tools.

3. Access to the traditional ZIMS desktop is available here.

4. The option to log-out is available here. Your original ZIMS browser tab will remain open so navigation between the two is simple. Note, if you log-out in Data entry, you will close your main ZIMS Session as well.

It is also possible to directly access your institutions Data entry through this address: <https://zims2.species360.org/data-entry>

If you do not have access, you will see the following:



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## Using Data entry

Entering records via the Data entry screen works on mobile devices and on desktop browser. We recommend Google Chrome for best results. The options available via data entry will be limited based on your permissions in ZIMS and more record types will be added in the coming months.

See below for more details.

1. Select the animal(s) to enter records for in this session.
2. Depending on the animal(s) or group record selected above, the option to add a note, weight or census will be available. Select the desired record type.
3. Select the date for entry (census assumes 'today').
4. Create record option will take you to the next screen for the appropriate record entry screen.
5. Recently added records will display for this session.
6. [Change institution and log-out option](#)

Additional features, filters and record types will be added periodically.

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## QR Codes

You can customize the data entry form to select specific animals and entry types (note, weights, ect.) and download a QR code that can be scanned from a mobile phone. When loading the data entry form from the QR code, users will be taken directly to the form, partially filled in, for quicker entry.

Some examples of how these can be used:

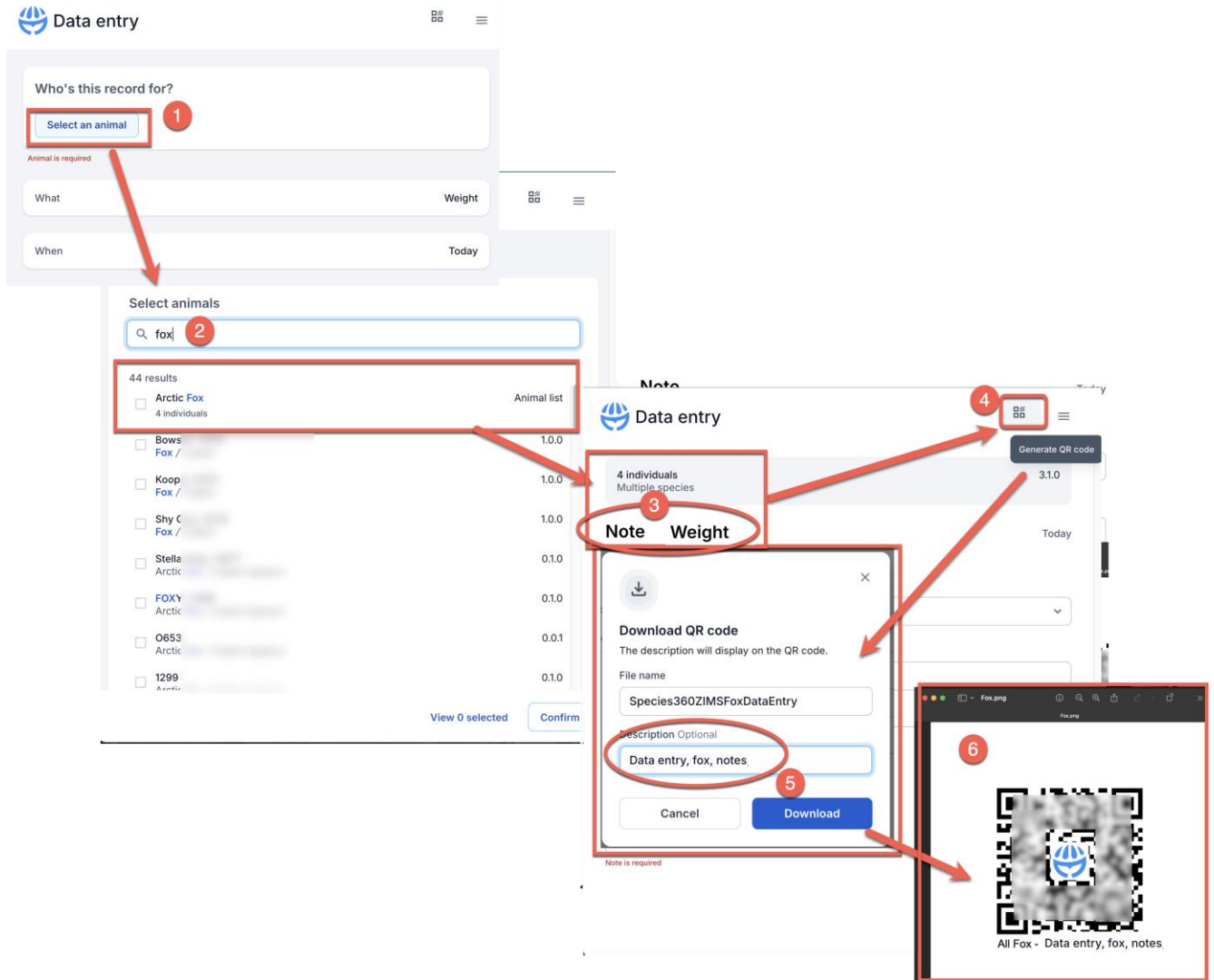
- Select the enclosure occupants for daily notes, print the QR Code in the keeper access area for easy reference.
- For animals needing daily/frequent weights, create an animal list and add this QR Code to your daily checklists.

There are some limitations to the QR Code download:

- If an animal list or enclosure (to select occupants) are selected and then later someone edits the animal list or occupants, the URL/QR code won't update yet. It will only have the original animals that were selected and saved for the QR code.
- If a user selects an animal list that has ~500 animals, the URL won't work to generate a QR code to include all those animals, it will just direct back to the data entry screen with an error message.
- The QR code URL removes all the extra text if it is over 16000 characters, this happens if selecting 10k animals or more in the data entry search
- QR Codes from animals/lists assume the user scanning the code has permissions to access the defined records.

Setting up a QR Code:

- 1) From Data Entry, select records.
- 2) Select one, or multiple records, or select from a list.
- 3) Choose your record type Ex: Note, Weight, ect.
- 4) At this point, creating a QR code will use your selections to create a custom link back to the data entry form with the criteria defined above.
- 5) Name the downloadable QR code appropriately, referencing the criteria defined above for easy reference, the text entered in the description field will print on the QR Code for easy reference.
- 6) Save/share/print the QR Code you download with your team.



The screenshot illustrates the 'Data entry' workflow in the Species360 system. It is divided into several numbered steps:

- Step 1:** The user is prompted 'Who's this record for?' and clicks the 'Select an animal' button.
- Step 2:** A search bar is used to find animals, with 'fox' entered. A list of 44 results is shown, including 'Arctic Fox' (4 individuals), 'Bows Fox', 'Koop Fox', 'Shy C Fox', 'Stella Arctic', 'FOXY Arctic', 'O653 Arctic', and '1299 Arctic'.
- Step 3:** The user selects '4 individuals Multiple species' from the list. A 'Note Weight' dialog box is shown, where the user enters 'Data entry, fox, notes' in the 'Description Optional' field.
- Step 4:** The user clicks the 'Generate QR code' button, which shows a '3.1.0' version indicator.
- Step 5:** The user clicks the 'Download' button in the 'Download QR code' dialog box. The dialog shows the file name 'Species360ZIMSFoxDataEntry' and the description 'Data entry, fox, notes'.
- Step 6:** The downloaded QR code is displayed in a window titled 'Fox.png'. The QR code contains the text 'All Fox - Data entry, fox, notes'.

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Logging Out and/or Changing Institutions

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When you have loaded the Data entry, the current session is ‘shared’ with your ZIMS Desktop log-on. If you have a multi-institutional setup in ZIMS, you will only see the data from your current institution in the Data entry tool. You will need to use the Start>Switch Institution feature on the ZIMS desktop to change institution before reloading the Data entry to see your other collection data.

**Note, logging off in Data Entry will also close your ZIMS desktop session – any unsaved changes will be lost.**

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