

ENRICHMENT IN ZIMS

[Contact Species360 Support](#)

The Enrichment module in ZIMS is a three-step process. First you create an Enrichment Item, then you Assign the item to an animal(s), and finally you record Sessions using the Enrichment Item.

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[Record an Enrichment Session](#)

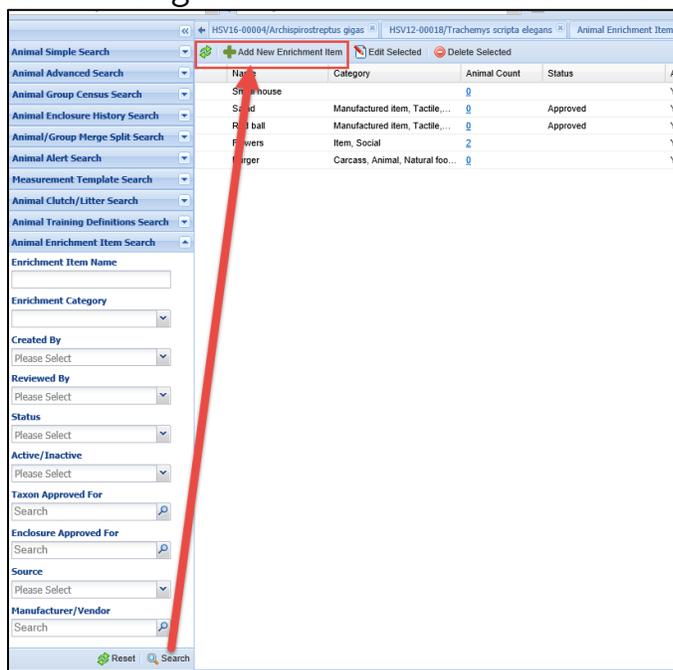
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Add Enrichment Item

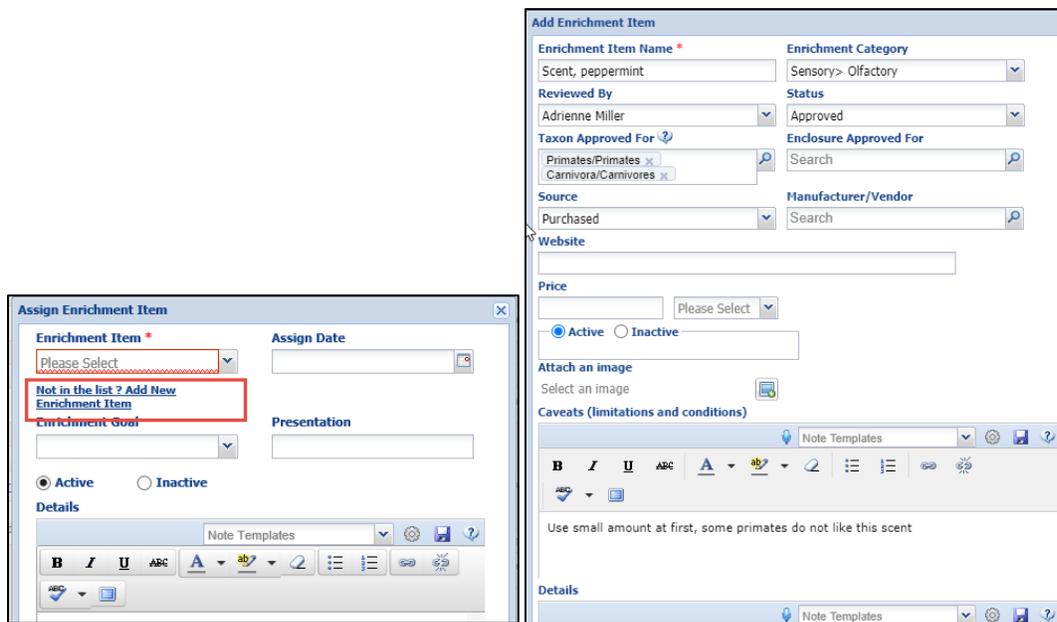
To create a new Enrichment Item, open the Animals module. At the bottom of the left side search box go to Enrichment Item Search > Search > Add New.



Name	Category	Animal Count	Status
Shed house		0	Approved
Solid	Manufactured item, Tactile...	0	Approved
Roll ball	Manufactured item, Tactile...	0	Approved
Flowers	Item, Social	2	Approved
Larger	Carcass, Animal, Natural foo...	0	Approved

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You can also add a new item from the Enrichment grid (under More Details) > Actions > Assign Enrichment Item > Add New Enrichment Item.



You can capture a lot of information in the Enrichment Item grid but only the Enrichment Item Name is mandatory. Because the Item search looks at the beginning of the name, it is recommended that if you have different types of similar items you name them by type first and then the specifics. Below we are adding a scent that is peppermint. We could also add a scent, lilac and scent, orange. Another example would be various balls would be named ball, red and ball, blue. If you have not followed this convention, the Item can be found in the search by placing a “%” before and after the Item Name.

If a Status of “Not Approved” is selected, you will not be able to assign the item to any animals.

By default, the Item will be assigned to Animalia. If you assign an Item to a Taxon using Taxon Approved for you will be able to assign the Item only to members of that Taxon, or

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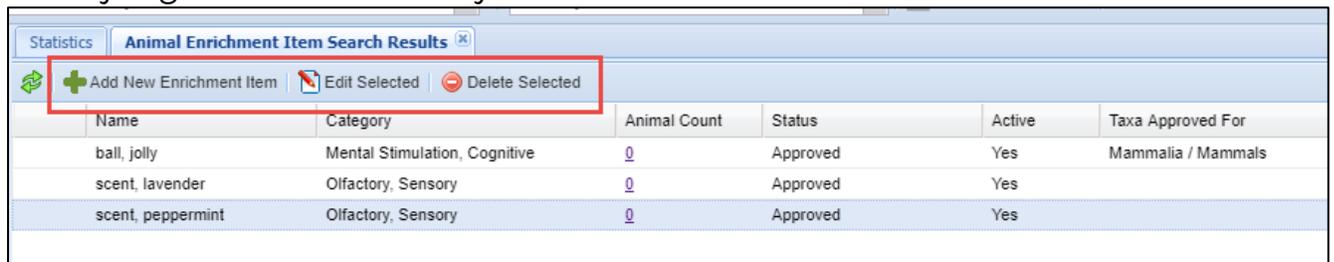
below. You cannot assign the item below to a bongo as it is assigned to Primates and Carnivores.

Currently, the Enclosure Approved for is for your information only. It will not limit assignment only to occupants of that enclosure.

The following Rules apply for the Active/Inactive radio buttons

- Active
 - Can be Assigned and Sessions added at any time after the Assignment date to the appropriate taxa
- Inactive
 - If already Assigned
Sessions can be added on dates between Assignment date and date it was marked Inactive
 - If not already Assigned
It cannot be Assigned
Workaround for historical data
Mark Active – Assign to Record – Mark Inactive
Sessions can be added between Assignment/Inactive dates

Your Enrichment Items will display in the Enrichment Item Search results grid. This is also where you go to edit or delete any Items, or add new ones.



Name	Category	Animal Count	Status	Active	Taxa Approved For
ball, jolly	Mental Stimulation, Cognitive	0	Approved	Yes	Mammalia / Mammals
scent, lavender	Olfactory, Sensory	0	Approved	Yes	
scent, peppermint	Olfactory, Sensory	0	Approved	Yes	

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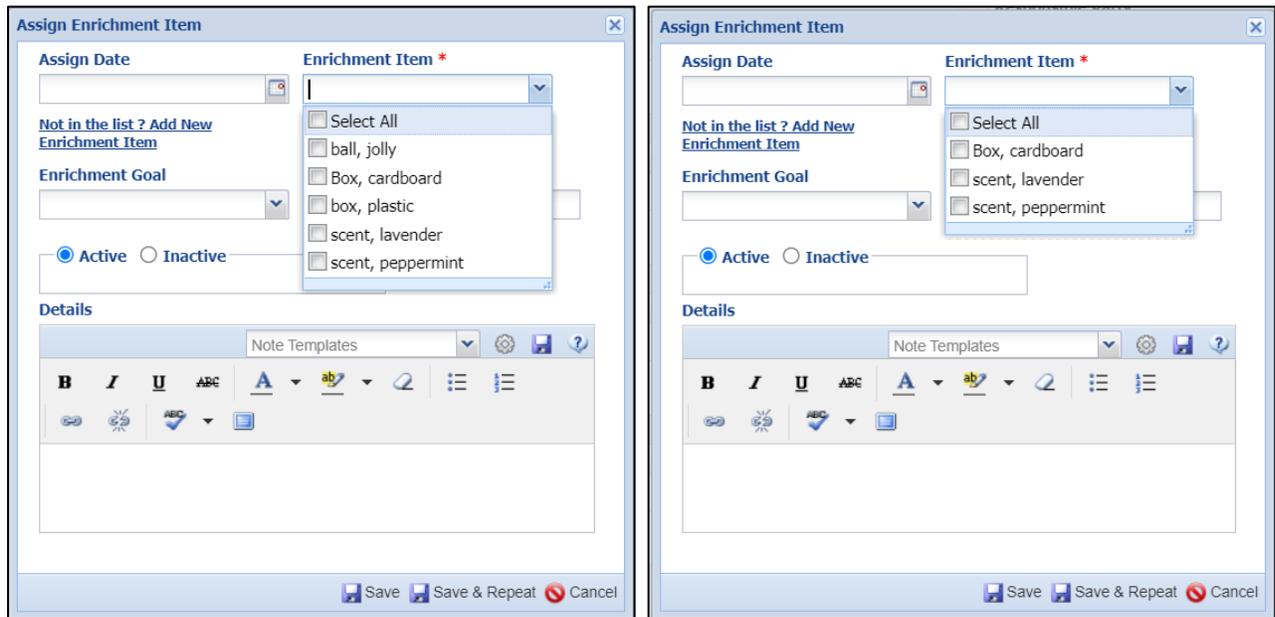
Assign Enrichment Item(s)

You then need to assign the item(s) to an animal. First set the date when the item was assigned. Take care when backdating items as you cannot create a Enrichment Session for a date earlier than when the Item was Assigned.

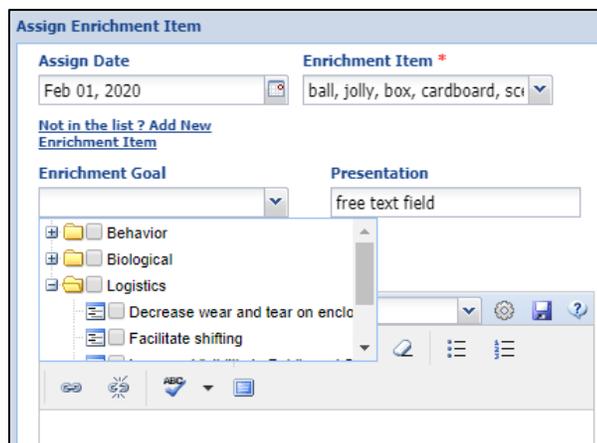
Only Items assigned to the species (or a higher taxonomy) or with no Taxonomic assignment will display in the Assign Item grid. Note that the jolly ball and plastic box appear in the left-hand record below (a mammal), but they do not in the right-hand record (a bird). The jolly ball and plastic box were assigned to the Mammalia taxonomic record so do not display for selection in the bird record on the right.

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You can assign multiple enrichment items at the same time, or choose to select all. However, if the Enrichment Goal is not the same for each item you should assign them separately to capture the Goal correctly.



The Enrichment Goal is a cascading multi-select dropdown and the Presentation is a free text field.



The Item(s) will now display in the record.

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Enrichment					
Enrichment Item Name	Category	Goal	Date Assigned	Sessions	
 ball, jolly	-	Enclosure Usage, Behavior	Feb 01, 2020	No Sessions Recorded	add new
 box, cardboard	-	Enclosure Usage, Behavior	Feb 01, 2020	No Sessions Recorded	add new
 scent, lavender	-	Behavior, Enclosure Usage	Feb 01, 2020	No Sessions Recorded	add new

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Record an Enrichment Session

Once you have your Enrichment Items assigned, you can record an Enrichment Session. Select Add New under Sessions. As mentioned, the Date cannot be before the Item was assigned. Date is the only mandatory field. The Animal Reaction is a multi-select cascading dropdown. If adjustments need to be made you can record them in the Details box, or use this free text field as needed.

Add Enrichment Session

Date * Provided By

Time Given Time Removed

Animal Reaction Duration of Animal Involvement

Session Rating Enrichment Session Goal

Readjustment/Changes Recommended

Details

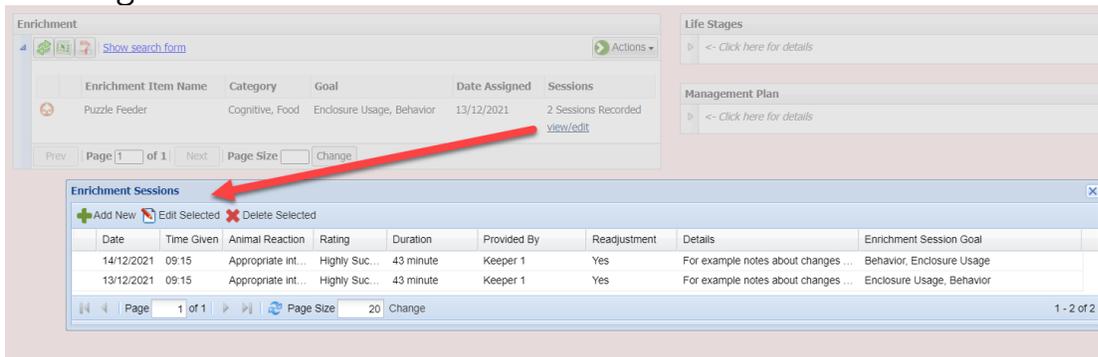
Note Templates

B *I* U ABC

For example notes about changes to be made.

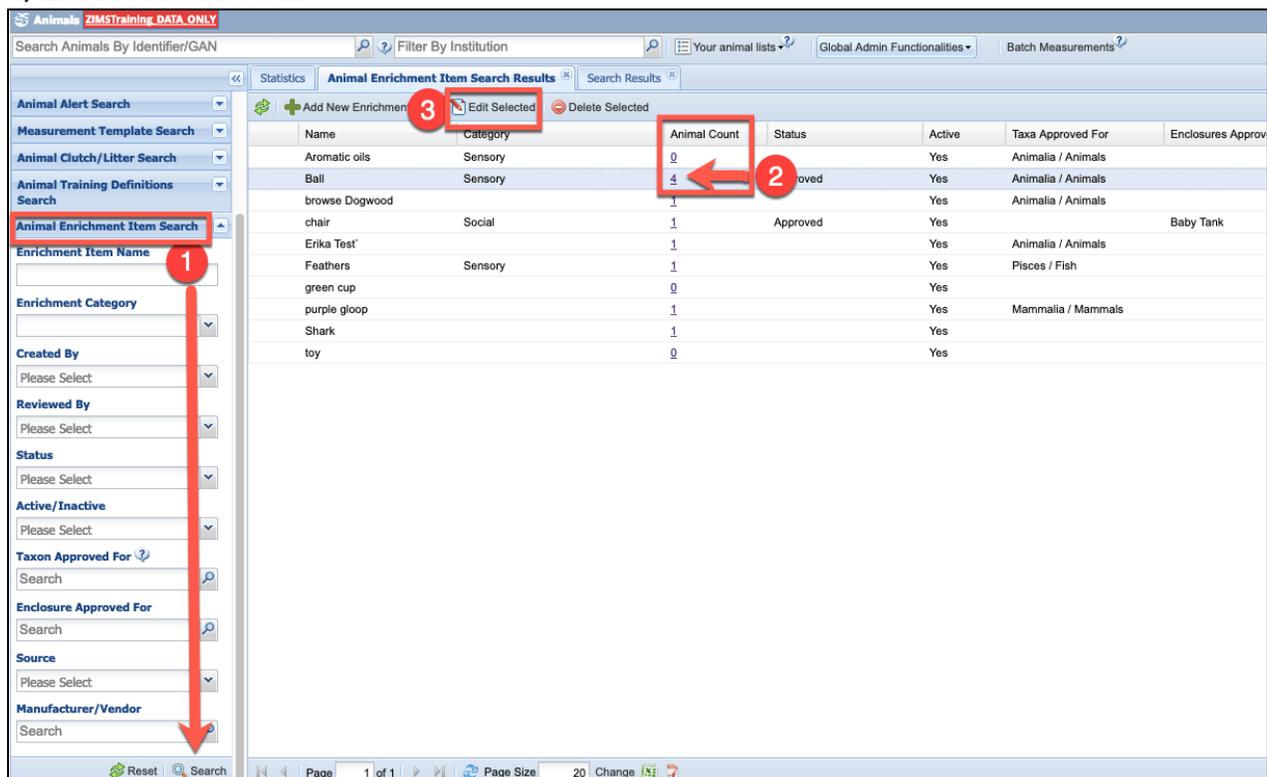
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You can view the Sessions from the View/Edit link. You can Add a New Session, or Edit or Delete a Session from this grid. You can also export the grid to Excel or pdf for reviewing or emailing.



To edit existing enrichment items, you must have appropriate role rights and need to be aware that previously entered sessions may be impacted. Always add a note to impacted animals records when editing an assigned enrichment item -

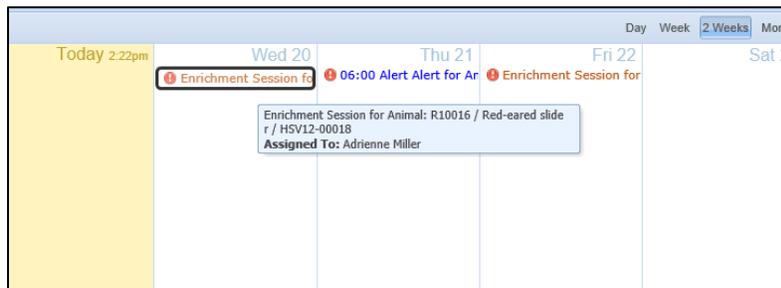
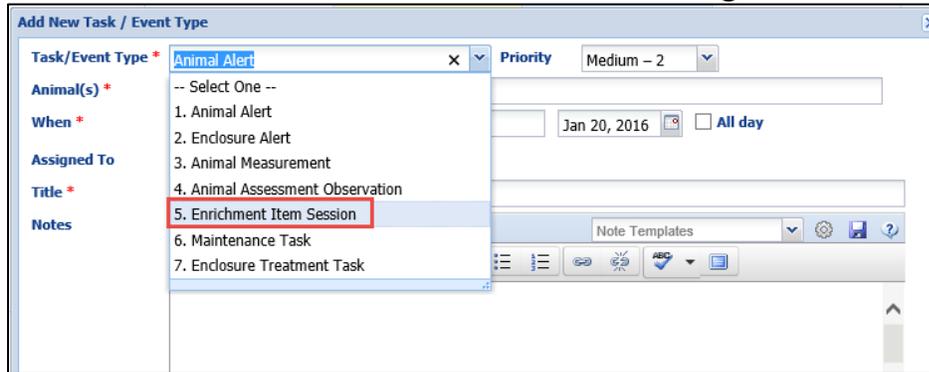
- 1) From Animals module, left hand Enrichment Item Search,
- 2) Find item to edit, see impacted animals (consider a Batch note)
- 3) Edit selected item



Name	Category	Animal Count	Status	Active	Taxa Approved For	Enclosures Approved
Aromatic oils	Sensory	0	Approved	Yes	Animalia / Animals	
Ball	Sensory	4	Approved	Yes	Animalia / Animals	
browse Dogwood		1	Approved	Yes	Animalia / Animals	
chair	Social	1	Approved	Yes		Baby Tank
Erika Test		1	Approved	Yes	Animalia / Animals	
Feathers	Sensory	1	Approved	Yes	Pisces / Fish	
green cup		0	Approved	Yes		
purple gloop		1	Approved	Yes	Mammalia / Mammals	
Shark		1	Approved	Yes		
toy		0	Approved	Yes		

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You can also schedule Enrichment Sessions using the Calendar Task Functionality.



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Export Enrichment Sessions

There are two ways to export enrichment information, through the animal record by exporting the Enrichment Grid, or running an Enrichment Session Report.

Exporting the Enrichment Grid

You can quickly export the enrichment information for an animal's record by clicking on the Export to PDF or Export to Excel buttons within the Enrichment Grid. The export will list every assigned enrichment item, along with the sessions for that item. Below is an example of the PDF export.

Animal Basic Info			
Individual	GAN: ISS22-01247 / Alive / Female / -		
Local ID	[126/SPECIE360]		
Preferred ID	126		
Species	Leucopsar rothschildi / Bali myna IUCN: CR CITES: I CITESU: A		
Birth Location	Species360		
Birth Type	Captive Birth/Hatch		
Birth / Age	10/01/2020 / 2 Years 22 Days		
Current Collection	Primary Animal Collection		
Current Enclosure	Species360		

Enrichment			
Enrichment Item Name	Category	Goal	Date Assigned
Box, cardboard	-	Increase Behavioral RepertoireBehavior	09/11/2021

Enrichment Session List						
Date	Time Given	Goal	Animal Reaction	Rating	Provided By	Details
15/12/2021	-	-	-	-	Hannah Jenkins	-
21/12/2021	-	-	-	-	Hannah Jenkins	-
24/12/2021	-	-	-	-	Hannah Jenkins	-
30/01/2022	-	-	-	-	Hannah Jenkins	-
01/02/2022	-	-	-	-	Hannah Jenkins	-

Enrichment Session List						
Date	Time Given	Goal	Animal Reaction	Rating	Provided By	Details
12/01/2022	-	-	-	-	Hannah Jenkins	-
20/01/2022	-	-	-	-	Hannah Jenkins	-
30/01/2022	-	-	-	-	Hannah Jenkins	-

Enrichment Session List						
Date	Time Given	Goal	Animal Reaction	Rating	Provided By	Details
13/01/2022	-	-	-	-	Hannah Jenkins	-

Enrichment Sessions Report

You can export the enrichment sessions for multiple animals or for a taxonomic group by running the Enrichment Session Report. The report can be found in the start menu under reports.

To run the report, choose whether to run for a taxonomy or specific animals (1), you can include or exclude animals in particular collections (2). Set your date range (3) then click Export for Raw Excel (4).

Enrichment Session Report

4 Export For Raw Excel Favourite Search Filters

NOTE: Recently entered data may not appear on reports for 180 seconds after it was entered.

Taxonomy * Animal(s) *

1

Include Taxon Below

Collections **2**

Report Start Date * **3**

Report End Date *

The Excel export will list each session within the search criteria with all the details.

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	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	Sex	Enrichment Item	Enrichment Categor	Enrichment Goal	Session Date	Time Given	Time Removed	Duration Of Animal	Presentation	Animal Reaction	Session Goal	Session Rating	Details	Provided By	Flagged For Readq	Assigned Date	Animal Type	Birth Type	Birth Date	Enclosure
2	Female	Box, cardboard	-	Behavior, Increases E	15/12/2021	-	-	-	-	-	-	-	-	Hannah Jenkins	False	11/3/2021 12:00:00	Individual	Captive Birth/Match	11/3/2020 12:00:00	Species360
3	Female	Box, cardboard	-	Behavior, Increases E	23/12/2021	-	-	-	-	-	-	-	-	Hannah Jenkins	False	11/3/2021 12:00:00	Individual	Captive Birth/Match	11/3/2020 12:00:00	Species360
4	Female	Box, cardboard	-	Behavior, Increases E	24/12/2021	-	-	-	-	-	-	-	-	Hannah Jenkins	False	11/3/2021 12:00:00	Individual	Captive Birth/Match	11/3/2020 12:00:00	Species360
5	Female	scout, live/dead	-	Behavior, Endurance	12/01/2022	-	-	-	-	-	-	-	-	Hannah Jenkins	False	10/4/2021 12:00:00	Individual	Captive Birth/Match	11/3/2020 12:00:00	Species360
6	Female	scout, paper/matt	-	Behavior, Endurance	13/01/2022	-	-	-	-	-	-	-	-	Hannah Jenkins	False	10/4/2021 12:00:00	Individual	Captive Birth/Match	11/3/2020 12:00:00	Species360
7	Female	scout, live/dead	-	Behavior, Endurance	20/01/2022	-	-	-	-	-	-	-	-	Hannah Jenkins	False	10/4/2021 12:00:00	Individual	Captive Birth/Match	11/3/2020 12:00:00	Species360
8	Female	scout, live/dead	-	Behavior, Endurance	30/01/2022	-	-	-	-	-	-	-	-	Hannah Jenkins	False	10/4/2021 12:00:00	Individual	Captive Birth/Match	11/3/2020 12:00:00	Species360
9	Female	Box, cardboard	-	Behavior, Increases E	30/01/2022	-	-	-	-	-	-	-	-	Hannah Jenkins	False	11/3/2021 12:00:00	Individual	Captive Birth/Match	11/3/2020 12:00:00	Species360
10	Female	Box, cardboard	-	Behavior, Increases E	01/02/2022	-	-	-	-	-	-	-	-	Hannah Jenkins	False	11/3/2021 12:00:00	Individual	Captive Birth/Match	11/3/2020 12:00:00	Species360
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