



# **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.

Topics: <u>Add Enrichment Item</u> <u>Assign Enrichment Item</u> <u>Record an Enrichment Session</u> <u>Export Enrichment Information</u> <u>Export Enrichment Grid</u> <u>Enrichment Sessions Report</u>

# 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.



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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.

Enrichment			Life Stages
A Show search form		🔊 Actions 🗸	▷ <- Click here for a
There are no enrichment found for this animal.		🔶 Assign E	nrichment Item
			Management Plan
			> <- Click here for de
	Add Enrichment Item		
	Enrichment Item Name *	Enrichment	Category
	Scent, peppermint	Sensory> C	Olfactory 👻

	Enrichment Item Name * Enrichment Category
	Scent, peppermint Sensory> Olfactory
	Reviewed By Status
	Adrienne Miller 👻 Approved 👻
	Taxon Approved For 🖗 Enclosure Approved For
	Primates/Primates x P Search P
	Source Manufacturer/Vendor
	Purchased V Search
	Website
	Price
Assign Enrichment Item	Please Select 💌
Enrichment Item * Assign Date	Active      Inactive
Please Select	Attach an image
Not in the list 2 Add New	Select an image
Enrichment Item	Caveats (limitations and conditions)
Emichment Goal Presentation	
×	Vote lemplates V 🧐 🖬 🗸
	B I ∐ ABG <u>A</u> ▼ <sup>4</sup> 2 ▼ 2 ⊟ ⊟ ∞ 炎
	💞 🔻 🗐
Details	
Note Templates 💌 🛞 🛃 🤣	Use small amount at first, some primates do not like this scent
Β Ι <u>U</u> ΑΘΕ <u>A</u> ▼ <sup>B</sup> 2 ▼ 2 ⊟ ⊟ ∞ ∅	
ASC - 🔲	Details
	🕴 Note Templates 💉 🛞 🚽 🔮

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



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.

Stat	istics Animal Enrichment	Item Search Results 🗵				
ø	+Add New Enrichment Item	🔊 Edit Selected 🛛 🤤 Delete Selected				
	Name	Category	Animal Count	Status	Active	Taxa Approved For
	ball, jolly	Mental Stimulation, Cognitive	<u>0</u>	Approved	Yes	Mammalia / Mammals
	scent, lavender	Olfactory, Sensory	<u>0</u>	Approved	Yes	
	scent, peppermint	Olfactory, Sensory	<u>0</u>	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.



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.

Assign Enrichment Item	×	Assig	n Enrichment Item			×
Assign Date	Enrichment Item *	As	sign Date		Enrichment Item *	
Not in the list ? Add New         Enrichment Item         Enrichment Goal	Select All ball, jolly Box, cardboard box, plastic scent, lavender scent, peppermint		t in the list ? Add New richment Item richment Goal Active O Inactive - tails B I U ABC S I V I ABC	Note T	Select All Box, cardboard Scent, lavender Scent, peppermint emplates	\$
	🚽 Save 🍃 Save & Repeat 🚫 Cancel				🛃 Save 🚽 Save & Repeat 🚫	Cancel

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

Assign Enrichment Item				
Assign Date	Enrichment Item *			
Feb 01, 2020 🔤 ball, jolly, box, cardboard, sct 👻				
Not in the list ? Add New Enrichment Item				
Enrichment Goal	Presentation			
~	free text field			
🗄 🧰 🔲 Behavior	A			
Biological				
E Decrease wear and tear	r on enclo			
E Facilitate shifting	<u>·</u>			
en 💥 🥰 🗕				

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





<b>\$</b>	Show search form				Actions
	Enrichment Item Name	Category	Goal	Date Assigned	Sessions
G	ball, jolly	-	Enclosure Usage, Behavior	Feb 01, 2020	No Sessions Recorded <u>add new</u>
G	box, cardboard		Enclosure Usage, Behavior	Feb 01, 2020	No Sessions Recorded <u>add new</u>
G	scent, lavender		Behavior, Enclosure Usage	Feb 01, 2020	No Sessions Recorded <u>add new</u>

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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	
13/12/2021 🔤 Keeper 1 👻	,
Time Given Time Removed	
09:15	•
Animal Reaction Duration of Animal Involvement	
Positive>Appropriate interactio 💙 43 minute 💙	•
Session Rating Enrichment Session Goal	
Highly Successful   Behavior> Enclosure Usage	•
Readiustment/Changes Recommended	
Details	
🕴 Note Templates 💌 🚳 🛃 🗸	2)
B I U AB€ A - № - 2 Ξ Ξ	
ee šž ♥ ▼ 🔲	
For example notes about changes to be made.	
🛃 Save 🚽 Save & Repeat	🚫 Cancel



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.

1-1-								Life Stages		
注  子	Show search	form					Actions -	Click here for details		
E	Inrichment Ite	em Name	Category	Goal		Date Assigned	Sessions	Management Disp		
) P	uzzle Feeder		Cognitive Food	Enclosure Lisage	Behavior	13/12/2021	2 Sessions Recorded	Management Plan		
	diffe i codei		cognicite, rood	Enclosure obuge	, benarior	10/11/1011	view/edit	<ul> <li>Click here for details</li> </ul>		
Prev	page 1 or	1 Next	Page Size	Change						
( Frank	ichment Sessi	ons								
Enri	icinicii ocosi	0110								
Enri	Add New 🕅 I	Edit Selected	X Delete Selecte	d						
+	Add New 🔊 i	Edit Selected Time Given	X Delete Selecte	Rating	Duration	Provided By	Readjustment	Details	Enrichment Session Goal	
+	Add New No I	Edit Selected Time Given 09:15	Delete Selecte Animal Reaction Appropriate int	Rating Highly Suc	Duration 43 minute	Provided By Keeper 1	Readjustment Yes	Details For example notes about changes	Enrichment Session Goal Behavior, Enclosure Usage	
+	Add New No. 1010 Date 14/12/2021 13/12/2021	Edit Selected Time Given 09:15 09:15	Celete Selecte Animal Reaction Appropriate int Appropriate int	Rating Highly Suc Highly Suc	Duration 43 minute 43 minute	Provided By Keeper 1 Keeper 1	Readjustment Yes Yes	Details For example notes about changes For example notes about changes	Enrichment Session Goal Behavior, Enclosure Usage Enclosure Usage, Behavior	
+	Add New N 1	Edit Selected Time Given 09:15 09:15	Celete Selecte Animal Reaction Appropriate int Appropriate int	Rating Highly Suc Highly Suc	Duration 43 minute 43 minute	Provided By Keeper 1 Keeper 1	Readjustment Yes Yes	Details For example notes about changes For example notes about changes	Enrichment Session Goal Behavlor, Enclosure Usage Enclosure Usage, Behavlor	

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

S Animals ZIMSTRaining DATA ON	LY							
Search Animals By Identifier/GA	٨N	P 3 F	iter By Institution	🔎 🛛 🗄 Your anim	al lists 🦃 Global Ad	min Functionalities -	Batch Measurements	
	~	Statistics Animal Enrich	ment Item Search Results 🙁 S	earch Results 🗵				
Animal Alert Search		🕸 🛉 Add New Enrichmen	3 SEdit Selected Opele	te Selected	_			
Measurement Template Search		Name	Category	Animal Count	Status	Active	Taxa Approved For	Enclosures Approv
Animal Clutch/Litter Search		Aromatic oils	Sensory	<u>0</u>		Yes	Animalia / Animals	
Animal Training Definitions		Ball	Sensory	4	2 oved	Yes	Animalia / Animals	
Search		browse Dogwood		1		Yes	Animalia / Animals	
Animal Enrichment Item Search		chair	Social	1	Approved	Yes		Baby Tank
Enrichment Item Name		Erika Test'		1		Yes	Animalia / Animals	
	h II	Feathers	Sensory	1		Yes	Pisces / Fish	
Envictment Category	- 1	green cup		<u>0</u>		Yes		
Enrichment Category	~	purple gloop		1		Yes	Mammalia / Mammals	
	-	Shark		1		Yes		
Created By		toy		<u>0</u>		Yes		
Please Select	*							
Reviewed By								
Please Select	~							
Status								
Please Select	~							
Active/Inactive								
Please Select	~							
Taxon Approved For 🖓	- 1							
Search	P							
Enclosure Approved For								
Search	P							
Source	- 1							
Please Select	~							
Manufacturer/Vendor								
Search	P							
🕫 Reset 🛛 🔍 Se	arch	I I I Page 1 of 1	▶ ▶	Change 🔠 🏅				

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

Add New Task / Even	t Type					2
Task/Event Type *	Animal Alert	×	~	Priority	Medium – 2 💙	
Animal(s) *	Select One					
When *	1. Animal Alert			1.	a 20, 2016 🔲 🗌 All day	
	2. Enclosure Alert			Ja	11 20, 2010 All day	
Assigned To	3. Animal Measurement					
Title *	4. Animal Assessment Observation					
Notes	5. Enrichment Item Session					
notes	6. Maintenance Task				Note Templates V (2)	
	7. Enclosure Treatment Task			E 15 (*	e 🔅 🖤 🗕 📃	

				Day	Week	2 Weeks	Mont
Today 2:22pm	Wed 20	Thu 21 9 06:00 Alert Alert for Ar	Brrichment S	Fri 22 Session for		ç	Sat 2
	Enrichme r / HSV12 Assigned	nt Session for Animal: R10016 / -00018 <b>I To:</b> Adrienne Miller	Red-eared slide				

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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.





ividual			G	GAN: ISS22-01247 / Alive / Female /-					
al ID			[1	[126/SPECIE360]					
ferred ID			1	126					
cies			b	eucopsar rothschi	idi / Bali myna IUCN : CR CITE	ES : I CITESEU : A			
th Location			s	pecies360					
th Type			C	aptive Birth/Hatch					
th / Age			1	0/01/2020 / 2 Yes	ars 22 Days				
rent Collectio	n		P	rimary Animal Co	llection				
rent Enclosur				inaciae360					
ichment									
Enrichment Ite	em Name C	ategory	Goal				Date Assigned		
Box, cardboard			Increase	Behavioral Repertor	reBehavior		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				
scent, lavender			Enclosure	UsageBehavior			04/10/2021		
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				
scent, peppermin	nt -		Behavior	Enclosure Usage			04/10/2021		
	Session List								
Enrichment									
Enrichment Date	Time Given	Goal	Animal Reaction	Rating	Provided By	Details			

#### **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										
Export For Raw Excel	Favourite Search Filters 🔹 🛞 🛃 🖓									
NOTE: Recently entered data may not appear on reports for 180 seconds after it was entered.										
Image: Second system       Image: Second system         Image: Second										
Collections Report Start Date * Report End Date *	Primary Animal Collection, Rese  2 01/02/2022 3 01/02/2022 3									

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





	D	E	F	G	н		J	к	L	M	N	0	P	8	B	s	т	0		
1 Sex		Enrichment Item	Enrichment Catego	or Enrichment Goal	Session Date	Time Giren	Time Removed	Duration Of Anima	I Presentation	Animal Reaction	Session Goal	Session Rating	Details	Provided By	Flagged For Read	lji. Assigned Date	Animal Type	Birth Type	Birth Date	Enclosure
2 Fomo	le .	Box, cardboard		Behavior, Increase	E 15/12/2021									Hannah Jenkins	False	11/3/2021 12:00:01	Individual	Captive Birth/Hatch	1/10/2020 12:00:0	0 Species360
3 Fema	le	Box, cardboard		Behavior, Increase	E 21/12/2021									Hannah Jenking	False	11/9/2021 12:00:01	Individual	Captive Birth/Hatcl	1/10/2020 12:00:0	O Species360
4 Fema	le	Box, cardboard		Behavior, Increase	E 24/12/2021					•				Hannah Jenkins	False	11/3/2021 12:00:0	) Individual	Captive Birth/Hatch	1/10/2020 12:00:0	0 Species360
5 Fema	le .	pcent, lavender		Behavior, Enclosur	12/01/2022									Hannah Jenking	False	10/4/2021 12:00:0	0 Individual	Captive Birth/Hatcl	1/10/2020 12:00:0	O Species360
6 Fema	le	scent, peppermint		Behavior, Enclosur	e 13/01/2022									Hannah Jenking	False	10/4/2021 12:00:0	0 Individual	Captive Birth/Hatcl	1/10/2020 12:00:0	O Species360
7 Fema	le	scent, lavender		Behavior, Enclosur	e 20/01/2022									Hannah Jenkins	False	10/4/2021 12:00:0	0 Individual	Captive Birth/Hatch	1/10/2020 12:00:0	0 Species360
8 Fema	le	pcent, lavender		Behavior, Enclosur	30/01/2022									Hannah Jenking	False	10/4/2021 12:00:0	0 Individual	Captive Birth/Hatcl	1/10/2020 12:00:0	O Species360
9 Fema	le	Box, cardboard		Behavior, Increase	E 30/01/2022									Hannah Jenkins	False	11/9/2021 12:00:00	Individual	Captive Birth/Hatcl	1/10/2020 12:00:0	0 Species360
10 Fema	le	Box, cardboard		Behavior, Increase	E 01/02/2022									Hannah Jenking	False	11/3/2021 12:00:01	Individual	Captive Birth/Hatch	1/10/2020 12:00:0	0 Species360
11																				
12																				

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