

ASSOCIATION OF ZOOS AQUARIUMS

Using ZIMS to help prepare for your AZA Accreditation

Revised 8 April 2025



AZA Accreditation Supplement

Using ZIMS to help prepare for your AZA Accreditation

Contact Species360 Support

Revised 8 April 2025

Introduction

The ZIMS application can help make your AZA accreditation process easier by helping you gather information for your application and provide answers to questions during your site visit. Some of the accreditation questions can be answered directly by downloading/ printing information from ZIMS in the form of reports or exports. ZIMS helps you easily gather information you will need to answer questions in the requested format (narrative, provided form, etc.).

How to use this document:

This document follows the <u>AZA Accreditation Standards & Related Policies (2022)</u> document, and outlines ways in which ZIMS can be used to answer specific points. Only sections within the standards that can be assisted with ZIMS will be included. Each section in this document will correspond to the numbered section within the accreditation standards for ease.



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1. Animal Welfare, Care and Management

This section outlines the ways ZIMS can assist your accreditation process within Section 1 – Animal Welfare, Care and Management.

1.3 Documents and Policies

1.3.1 Institutional Collection Plan

"The institution must follow an Institutional Collection Plan (ICP). The ICP must be reevaluated and updates at minimum every 5 years".

ICPs can be documented in ZIMS by capturing plans for each exhibit within the Planned Taxa grids in the Enclosure module. In the below example, we planned to add black swans (*Cygnus atratus*) and red kangaroos (*Macropus rufus*) in 2021, and add Parma wallabies (*Macropus parma*) and red-necked wallabies (*Macropus* rufogriseus) in 2022.

Pla	Planned Taxa											
⊿												
		Taxonomy Scientific Name	Target Population By Sex	Population By Sex Year								
		Cygnus atratus	1.2.0	2021	~							
		Macropus parma	1.3.0	2022	V							
		Macropus rufogriseus	1.2.0	2022	~							
		Macropus rufus	1.2.0	2021	×							
	Pr	rev Page 1 of 1 Next	Page Size 20 Change									

The plans for black swans, Parma wallabies and red-necked wallabies are still active, but we can see the plan for red-kangaroos has been marked inactive due to the enclosure not being suitable. A note was added to the plan to document this.



Notes can also be added to document why you wish to add a specific species, as we see here with the Parma wallabies.

Cy	gnus atratus 1.2.0	
		×
یں۔ ا	Institutions are needed to house this endangered wallaby. We hope to contribute to the managed program.	
Prev	Page 1 of 1 Next Page Size 20	Change



Once you have recorded your planned taxa for your enclosures, you can run a report within ZIMS to search for all your planned taxa.

Within the Enclosure module search box, navigate to Planned Taxa Search (1). Search for specific species, taxa groups or plan years (2), or leave the search criteria blank to bring up all planned taxa entered in ZIMS. Click Search to run the search (3).

🕀 Endosure						
Search for enclosures		9	Add N	lew	🔛 Tre	e Vie
	«					
Enclosure Search	•					
Maintenance Search	•					
Enclosure Alert Search	•					
Actual Physical Merge Search	•					
Cleanup Error Search	•					
Measurement Template Search	•					
Note / Observation Search	•					
Planned Taxa Search 1						
Taxonomy Filter By Taxonomy						
Include Taxon Below						
Active	3					
🕫 Reset 🛛 🔍	Search					

This will bring up a list of your planned taxa (filtered by your search criteria). You can export this list to Excel or PDF by clicking on the buttons highlighted.

ę	₿ B	nclosure						Help	Menu 🗸 💶 💷 🔜
S	Sear	ch for enclosures	P 🔶 Add New 🛛 👯	Supports 🕘 🕅	Nerge Enclosures - Batcl	h Measurements 🔇 👔	🗄 Your enclosure lists 🗸 🎱		
0	>>	Enclosure Plann							
	Enclosure Taxonomy				Female	Other	Target Year	Active	Total Individuals/Groups
		<u>R1</u>	Aceros corrugatus / Sunda wrinkled hombill	1	1	0	2025	~	2/0
		<u>R1</u>	Ailurus / Red panda	1	1	0	2020	~	2/0
		<u>R2</u>	Macropus parma / Parma wallaby	1	3	0	2022	~	6/0
		<u>R2</u>	Macropus rufus / Red kangaroo	0	2	0	2022	×	6/0
		<u>R2</u>	Cygnus atratus / Black swan	1	1	0	2021	×	6/0
		<u>R2</u>	Macropus rufogriseus / Red-necked wallaby	1	6	0	2023	~	6/0
		🕅 🖣 Page	1 of 1 🕨 🕅 🍣 Page Size 20 Chang	e 🙉 🤰					1 - 6 of 6

Read more here:

- Enclosure Planned Taxa ZIMS Help Document
- Institutional Collection Planning ZIMS Help Document

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1.3.2 Transaction Records

"Records must be maintained for all transactions involving acquisition, transfer, euthanasia or reintroduction of animals to and from the institution and must include the terms of transaction".

You can quickly export a list of transactions (acquisitions and dispositions, including births and deaths) for your institution by running the Transaction Report. This report is found in the Start Menu, under Reports, Transaction Report.



	0	Activity Report	
9 0	00	Enclosure Activity Report	
Accession	000	Enclosure Occupants Summary Report Enclosure Report	
 Animals Taxonomy 	000	Global Permit Report	
Institution Enclosure	000	Inventory Detail Report	
Reports Ife Support	000	Multi-Facility Inventory Report	
Collection Trips Species360 Post Office	000	Peak Holding	
Medical Studbook	0	Species Event History	
Search for local animals	00	Taxon Report Acquisitions and Dispositi over a specified date range be selected.	on (including Births and Death) ge. A specific other institution can
ocurention local animals	9	Transaction Report	C

First, choose the scope of your report (1). You can choose to include both groups and individual records, or just groups or just individuals. You can also choose to include prebirths (egg & fetus). You can run the report for the animalia taxonomy, which will bring up all transactions for your zoo within the data range, or you can choose to limit by taxa and enclosure to look at a specific area of your zoo. You can also choose to look at transactions related to a specific party or location.

🍠 Transaction Report					
5					
E Run Report Favourite Search Filters	💌 🛞 🛃 🖓				
NOTE: Recently entered data may not appear on	reports for 180 seconds after it was entered.				
Scope 1 All Individuals Only Groups Onl Include Pre-Births Report Start Date * 01/01/2022 Taxonomic Scope * Animalia / Animals × Include taxonomy below Specific Party Search Institution	Report End Date * 08/02/2022 Enclosure Search For Enclosure Include Enclosures Below	Transaction Filter ⓐ Basic △ Advanced ⓐ All physical, ownership, and partial group transactions ⓐ All physical transactions △ All ownership transactions ▲ All ownership transactions ▲ Births ▲ Births ▲ Acquisitions (Excluding Births)			
Subset Ocountry Ocontinent		Transaction Filter O Basic Advanced			
Display Options		All transactions (excluding Death in Transits)			
Sort By Show					
Common Name Pre	ferred ID	P → Birth > → Acquisition			
	al ID				
Taxonomy Name Format Global O Local					

Next you need to set transaction filters for your report. Basic (2) lets you choose whether to include all births, all deaths, all acquisitions and all dispositions, and physical or



ownership transactions. Advanced filters (3) allow you to choose specific types of birth, death, acquisition and disposition, for example partial group transactions, or egg deaths.

Finally you need to set your display options (4), or leave them as default. You can choose to sort your results by taxa, ID or type, and whether you want to use Local or Global taxonomy. Once you have set all of your filters, click Run Report (5) at the top of your screen.

Here is an example report for the training data set. Our report is grouped by taxonomy to show the transactions for each species.

Report Start Date 01/01/1800	e: DU	MMY DATA	Transac	tion Report An	imalia	Report End Date: 08/02/2022	360
Preferred ID	GAN	Sex	Age at Date	Date	Transaction	Vendor/ Recipient	Vendor ID
Bali mynah			Leucopsa	rothschildi			
T0018	CBH21-00013	Female	0Y,0M,0D	23/06/2011	Birth/Hatch		
T0019	CBH21-00014	Male	0Y,0M,0D	23/07/2011	Birth/Hatch		
Bearded barbet			Lybius dut	bius			
T0026	CBH21-00021	Undetermined	0Y,0M,0D	29/11/2021	Hatch Event(Egg)		
Jackass penguin			Spheniscu	is demersus			
T0030	CBH22-00025	Male	0Y,0M,0D	28/04/2011	Birth/Hatch		
T0031	CBH22-00026	Male	0Y,0M,0D	28/04/2011	Birth/Hatch		
T0032	CBH22-00027	Male	0Y,0M,0D	28/04/2011	Birth/Hatch		
T0033	CBH22-00028	Male	0Y,0M,0D	28/04/2011	Birth/Hatch		
T0034	CBH22-00029	Female	0Y,0M,0D	28/04/2011	Birth/Hatch		
T0035	CBH22-00030	Female	0Y,0M,0D	28/04/2011	Birth/Hatch		
T0036	CBH22-00031	Female	0Y,0M,0D	28/04/2011	Birth/Hatch		
Mountain chicken	frog		Leptodact	ylus fallax			
T0021	CBH21-00016	Female	0Y,0M,0D	01/04/2020	Birth/Hatch		
Orange clownfish	1		Amphiprio	n percula			
T0020	CBH21-00015	0.0.7	0Y,11M,28D	09/08/2021	Donation From +[0.0.7]	TRAINING2	UNDETERMINED
Red panda			Ailurus ful	gens			
T001	CBH21-00001	Female	0Y,0M,0D	19/11/2000	Birth/Hatch		
T001	CBH21-00001	Female	18Y,3M,22D	13/03/2019	Death		
T002	CBH21-00002	Male	0Y,0M,0D	15/10/2000	Birth/Hatch		
T002	CBH21-00002	Male	19Y,5M,2D	17/03/2020	Death		
T0027	CBH21-00022	Female	0Y,0M,0D	15/01/2019	Birth/Hatch		
T0028	CBH21-00023	Male	0Y,0M,0D	15/07/2020	Birth/Hatch		
T0029	CBH21-00024	Male	0Y,0M,0D	15/01/2019	Birth/Hatch		
T003	CBH21-00003	Male	0Y,0M,0D	15/08/2010	Birth/Hatch		
T004	CBH21-00004	Male	0Y,0M,0D	28/04/2011	Birth/Hatch		
T005	CBH21-00005	Female	0Y,0M,0D	06/06/2013	Birth/Hatch		
T006	MPQ21-00001	Female	4Y,4M,8D	22/03/2019	Donation From	TRAINING2	R001
T007	CBH21-00006	Male	0Y,0M,0D	15/08/2010	Birth/Hatch		
T007	CBH21-00006	Male	3Y,3M,8D	23/11/2013	Loan Out To	TRAINING2	Undetermined
St Lucia amazon			Amazona	versicolor			
T0010	SBQ19-01030	Female	3Y,6M,7D	23/11/2018	Donation From	2018REASE	PP007
T0011	SBQ19-01027	Male	3Y,8M,1D	23/11/2018	Donation From	2018REASE	PP006

To export a list of deaths detailing whether the death was natural or euthanasia, an Activity Report can be used. The Activity Report is found in the Start Menu, under Reports, Activity Report.



	0	Activity Report
	0	Daily Report
	0	Enclosure Activity Report
🐣 TRAINING / Species360 Train	0	Enclosure Occupants Summary Report
	9	Enclosure Report
	9	Enrichment Session Report
A Tayonomy	9	Global Permit Report
Institution	0	Exports 🕨
Enclosure	0	Inventory Detail Report
Reports	0	Loan Report
Life Support	0	Multi-Facility Inventory Report
Collection Trins	9	Note Retrieval
Species360 Post Office	9	Peak Holding
Martical	9	Permit Application
Studback	0	Species Event History
Slubbok	0	Specimen Report
	0	Taxon Report
Search for local animals	0	Transaction Report
🕐 Start 🚿 🍈	9	Wild Acquisitions Report

In the search criteria, set Event Type to Deaths, then select any other filters you wish to run. You can run the report, and then export to PDF, or you can click Export for Raw Excel if you want to run some quick formatting to highlight the natural vs euthanasia deaths.

Run Report Export For Raw Excel Favo	urite Search Filters 🛛 🖌 🛞 🛃 🖓
NOTE: Recently entered data may not appear on	reports for 180 seconds after it was entered.
Report Start Date *	Taxonomic Scope
01/02/1800	Filter By Taxonomy
Report End Date *	Include Taxonomy below selected level
08/02/2022	Enclosure
Date Range Filter	Search For Enclosure
Event Date 👻	
Event Type	Include Enclosures Below
Deaths 🗸 Select All	Group By
Entered By	GAN 👻

Here is an example Activity Report Excel export for deaths (some columns have been removed from this example). You can see in column I that ZIMS uses the standard term: **Deaths:**Natural/Non-euthanasia, **Deaths:**Euthanasia, management, **Deaths:**Euthanasia, medical, **Deaths:**Euthanasia, etc.

	A	В	С	D	E	F	G	н	1	J	K	L	м	N
1	GroupSort	EventTypeID	ISISGAN	LocalPreferredID	ScientificName	CommonName	Sex	Event	EventDetails	RecordedBy	Detail	ActualTransDateFormatted	ActualEntryDate	ActualTransactionDate
2		Deaths	CBH21-00001	T001	Ailurus fulgens	Red panda	Female	Deaths	Death:Natural/Non-euthanasia: :	Species360 Training		13/03/2019	19/11/2021	13/03/2019
з		Deaths	CBH21-00002	T002	Ailurus fulgens	Red panda	Male	Deaths	Death:Euthanasia, management: :	Species360 Training		17/03/2020	19/11/2021	17/03/2020
	Copyright, Species360, 2022. All rights													
4	reserved.													

You can use conditional formatting in Excel to highlight cells containing specific words. First, highlight column I (1), click Conditional Formatting (2), click Highlight Cell Rules (3) and choose Text that Contains... (4).





In the pop-up, type in the text you want to highlight, and choose the color you would like to highlight in. You can also use 'More Rules...' in the conditional formatting menu to use rules such as 'does not contain' to highlight anything but a natural death.

G	н	1	J	к	
Sex	Event	EventDetails	RecordedBy	Detail	Actu
Female	Deaths	Death:Natural/Non-euthanasia: :	Species360 Training		
Male	Deaths	Death:Euthanasia, management: :	Species360 Training		
Text Th	nat Conta	ains		?	×
Format	t cells tha	t contain the text:			
Natura	al	1 with Gr	een Fill with Dark Gree	n Text	\sim
			OK	Cance	I

Read more here:

Husbandry Reports ZIMS Help Document

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1.3.2 Non-AZA Transactions

"Provide a list of all animal transactions with non-AZA accredited facilities over the last five years." – AZA Accreditation/Certification Questionnaire



Run a Transaction report for 'Acquisitions from another institution' and 'Dispositions to another institution' within the last 5 year period.

Pur Dened Environte Control Filler		
NOTE: Desently entered data may not appear on	reports for 180 seconds ofter it was entered	
NOTE: Recently entered data may not appear on	reports for 160 seconds after it was entered.	
Scope		Transaction Filter
All Individuals Only Groups Only	,	Basic Advanced
Include Pre-Births		Death in Transit
Report Start Date *	Report End Date *	All transactions (including Death in Transits)
Jan 01, 2018	Jan 01, 2023	
Taxonomic Scope *	Enclosure	▶ 🛄 Birth
Animalia / Animals ×	Search For Enclosure	Acquisition
Tashuda tawaasan balam	🖓 Tankuda Eardenimen Balauri	▷ □ ✓ From another institution
Include taxonomy below	Include Enclosures Below	From wild
Specific Party	Collections	▷ 🚞 🗌 Rescued
Search Institution	Main Institution Animal Collectior 👻	Appeared
C.L.J.		
None Country Continent		
		Indeterminate
		Term,free acquisition
Display Options		► Fetus identified
Sort By Show		▷ □ ✓ To another institution
Common Name 💉 💿 Pref	erred ID	Release to wild
Font Size ③		▷ ☐ Missina
	11.12	
$\bigcirc A \cap A$		
Then Export to Exc	el.	

In ZIMS, open the Institution Search and Search for 'AZA' in Global institutions. Open the Association Members tab to expand and click the Excel logo to export the members list to Excel.

Institution Search									Hein Menu	- 0
ZA ×	P Your Local Institutions	Add New 💮 My Institution							Help Hello	
Institution Statistics										
Details										
🔄 Expand all 🔚 Collapse all										
Institution Profile			Ass	sociation Members						
4 2 🔤 🏹			4	2 1 2						
Institution Details	Institution Details			L	Manania	Country	Chata / Danuinan	Species360	ZIMS	Association
Name / Mnemonic	Association of Zoos & Aquariums	(AZA) / AZA		Name	Pillemonic	Country	State/Province	Member	Institution	Accredited
Species360 Membershi	р 💜			Abilene Zoological Gardens	ABILENE	United States	Texas	×	~	~
Institution Category	Global/Regional Association			Acuario de	VERA CRAQ	Mexico	Veracruz	×	×	~
Institution Type	Regional Association, Studbook A	uthorizing Institution		Veracruz, A.C.						
Species360 Institution	310500999			Adventure Aquarium	ADVENTURE	United States	New Jersey	×	×	~
Member of	Lose Member of WAZA / World Association of Zoos and Aquariums (WAZA) Gommunication Details Geographical Location			Africam Safari (Africam, S. A. de C.V.)	PUEBLA	Mexico	Puebla	~	*	*
Communication Detail				Akron Zoological Park	AKRON	United States	Ohio	~	*	*
Address 8403 Colesville	Rd, Suite 710	Continent North America		Alaska SeaLife Center	AK SEALIF	United States	Alaska	*	*	*
~		Country United States		Albuquerque	ABQBIOPK	United	New Mexico	~	v	~

In Excel you will now have two spreadsheets, one with a list of AZA members and another with your Transaction report.

In the Transaction report spreadsheet, add two columns and title them;

- AZA accredited?
- Mnemonic



In the AZA member spreadsheet; Copy (Ctrl + C) the list of Mnemonics, and paste (Ctrl + V) them into the Mnemonic column that was newly created in the Transaction report spreadsheet.

Now all the information is on one spreadsheet you can use a formula to complete the empty 'AZA accredited?' column.

SU	$M \rightarrow i \times f_x = IF(ISNUMBER(MATCH(G5, J:J, 0)), "AZA accredited", "Non-AZA")$										
	А		В	С	D	E	F	G	н	I.	J
1	Report Start Date:		Transact	ion Don	ort (Au	aimelie)	Report End Da	te:			Ī
2	Jan 01, 2018		ITalisaci	юпкер		iiiialia)	Jan 01, 2023			A	
3											
4	Preferred ID	GAN		SEX	Age at	E Date	Transaction	Vendor / Recipien	Vendor ID	AZA accreited?	Mnemonic
5	10.000	PORCE A		Family	-	Nov 09, 2022	Donation To	NORRISTOW	UNDETERMINED	"Non-AZA")	ABILENE
6	and a second	Piger 1	-	-	- 24	7 Oct 08, 2018	Donation To	HEMKER GF	UNDETERMINED		VERA CRAQ
7	and a	Figure 1		1.000	10.100	, Jul 29, 2021	Donation To	HEMKER GF	UNDETERMINED	C	ADVENTURE
8	Acres 1	PROPERTY.		-	-	8 Nov 09, 2022	Donation To	NORRISTOW	UNDETERMINED		PUEBLA
9	All the late in the late of the	-		and the second second							AKRON
10	100	Filmers 4	-	-) Oct 01, 2021	Purchase	CALZOOSUP	UNDETERMINED		AK SEALIF

A) You want to populate this column to say whether a Vendor/Recipient that was involved in a Transaction with you, was AZA accredited or Non-AZA. To do this you will type a formula into the first cell under this column title.

B) The formula you will use is:

=IF(ISNUMBER(MATCH (select the first cell in Vendor/Recipient list, Select the column
which the Mnemonics are in, 0)), "AZA accredited", "Non-AZA")
Which will look like this:
=IF(ISNUMBER(MATCH(G5, J:J, 0)), "AZA accredited", "Non-AZA")

In this example, if the value in cell G5 can be found in column J of the spreadsheet, the formula will output "AZA accredited." If the value is not found, the cell will populate with Non-AZA.

C) Hover over the bottom right corner of the cell you input the formula into, and a '+' icon will appear. Double click this and the all the other cells in this column will apply the formula.

Note: To delete the formulas but keep the results; Copy Column I (AZA accredited?) and Paste Values only 🛱 in the same location. You can now delete Column J (Mnemonic column) without affecting the values in Column I.

You can use conditional formatting in Excel to highlight cells containing specific words. First, highlight the 'AZA accredited?' column (1), click Conditional Formatting (2), click Highlight Cell Rules (3) and choose Text that Contains... (4).



				1	
~	2 🔜 🛛 🗖	Normal		Bad	Good
9 €.0 .00	Conditional Formatting ~ Table ~	Neutral		Calculation	Check
iber 🕞	Highlight Cells	Rules >		<u>G</u> reater Than	
	Top/Bottom Ru	iles >		<u>L</u> ess Than	
	<u>D</u> ata Bars	>		<u>B</u> etween	0
AZA accredite	Color <u>S</u> cales	>		<u>E</u> qual To	
Non-AZA AZA accredite	Icon Sets	>	la	Text that Contain	4 IS
Non-AZA AZA accredite	➡ New Rule ☑ Clear Rules	>		<u>A</u> Date Occurring	-
Non-AZA Non-AZA Non-AZA	Manage <u>R</u> ules			<u>D</u> uplicate Values.	
Non-AZA Non-AZA			M	ore Rules	

In the pop-up, type in the text you want to highlight, and choose the color you would like to highlight in.

G	Н	1	J	K
te:				
Vendor / Recipient	Vendor ID	AZA accredited?		
		Non-AZA		
NORRISTOW	UNDETERMINED	AZA accredited		
HEMKER GF	UNDETERMINED	Non-AZA		
HEMKER GF	UNDETERMINED	Non-AZA		
NORRISTOW	UNDETERMINED	AZA accredited		
		Non-AZA		
CALZOOSUP	UNDETERMINED	Non-AZA		
CALZOOSUP	UNDETERMINED	Non-AZA		
Text That Contains	;		?	×
Format cells that co	ontain the text:			_
Non-AZA	1 N	with Light Red Fill wi	th Dark Red	Text 🗸
		ОК	с	ancel

You now have a list of all Acquisitions and Dispositions from AZA and Non-AZA accredited institutions in the last 5 years for your institution, with Non-AZA highlighted for ease of viewing.

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1.3.2 Permit Records

"Copies of all relevant permits, etc. must be maintained".

Though you store your permits and documentation externally to ZIMS, you can still use ZIMS to bring up a list of all permit numbers stored in the system. Within the Start Menu, click Institution, My Institution, to open up your institution in the institution module.



😤 TRAINING / Species360 T	raini	ing
Accession	•	💡 Logout
less Animals	►	Switch Institution
Taxonomy	▶	🔅 My Preferences
Institution		Institution Search
Enclosure	•	+ Add New Institution
Reports	▶	😡 My Institution
S Life Support		(1) My Contact Directory
Collection Trips		Institution Preferences
Species360 Post Office		My Calendar
Medical	₽	Animal Available Search
Studbook	₽	Species Wanted Search
		👔 Species360 Member Maps
Search for local animals	-	👔 Data Management 🤣
	_	

The permits section within your institution lists all the permits you have recorded. You can use the search form to filter specific permits, and you can export your list of permits to Excel of PDF by clicking on the export buttons.

Perr	Permits											
⊿	🛃 🔄 🎲 Show search form 🔊 Actio											
	Туре	ID	Name	Authority	Effective Date	Expiration Date	Assignments					
	BALAI TESTPERMIT2 CITES, US Fish & Wildlife Service			CITES, US Fish & Wildlife Service	Granted/Issued (Final)- Unconditional <u>View Status History</u> (<u>1 Records)</u>	08/02/2022		1 Assignment(s) Recorded <u>(edit/view)</u>				
	BALAI number		TESTPERMIT3	CITES, US Fish & Wildlife Service	Granted/Issued (Final)- Unconditional <u>View Status History</u> (<u>1 Records)</u>	08/02/2022		1 Assignment(s) Recorded <u>(edit/view)</u>				
	Possession TESTPERMIT1 CITES				Granted/Issued (Final)- Unconditional <u>View Status History</u> (<u>1 Records)</u>	28/04/2011		2 Assignment(s) Recorded <u>(edit/view)</u>				
	I I											

Read more here:

Permits ZIMS Help Document

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1.4 Records

1.4.0 Evidence of having a zoological records management system

"The institution must show evidence of having a zoological records management system for managing animal records, veterinary records, and other relevant information".

Demonstrate you use ZIMS to manage your zoological records, either by showing your records in ZIMS, or by exporting reports. As a ZIMS user, and member of Species360, you are helping to improve animal care and welfare, and inform species conservation through global data.

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1.4.1 Animal Inventory

"An animal inventory must be compiled at least once a year and include data regarding animals added and removed from the institution's collection whether by birth, transfer, death or introduction to the wild".

There are two types of inventory report that can be run in ZIMS, the Inventory Summary Report, and the Inventory Detail Report.



The Inventory Summary Report provides a six column inventory, detailing the number of animals at the start date and end date, and details the number of births, acquisitions, deaths and dispositions during that time period. The report can be run for individuals only, or for individuals and groups. You can also choose to include any group split/merges in the acquisition and disposition columns.

Inventory Summary Report								_ = ×	
								3	
Run Report K Export For Raw Exc	Favourite Search Filters	💌 🛞 🛃 🔇	Ç,						
NOTE: Recently entered data may not a	appear on reports for 180 seconds	after it was ent	tered.						
Taxonomic Scope *		Z Tachuda Cre							
Animalia / Animals 🗙 🔎			Jups						
Taxonomic Resolution *		Include Gro	oup Split / Me	rge Transactions					
Species		Collections							
Percent Start Date * Depart End D	ata 8	Primary Anim	al Collection,	1 👻					
Report Start Date Report End D	ale	Print Type							
01/01/2022 08/02/2022		Ο Δ4	0	etter					
Physical or Ownership		<u> </u>	0						
Physical 👻									
Sort By									
Taxonomic Order	·								
< < 1 of 1 > >	Export to the selected format	Export							
Poport Start Date	Sum	mary Inve	ntory Re	oort For		Poport End	Data <i>m</i>		
01/01/2022		Animali	a / Animals			Report End Date			
0110112022	Report Type:	Physi	cal			08/02/2022 200			
			_		Copyright, Spe	cies360, 2022. All rights	reserved. 00		
Taxonomic	Common Name	Beginning	Births	Acquisitions	Deaths	Dispositions	Ending		
Amphiphion percuit	Mountain chicken from	0.0.7	0.0.0	0.0.0	0.0.0	0.0.0	0.0.7		
Sphoniscus domon	eve lackase percuin	420	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0		
Amazona versicolo	r St Lucia amazon	4.3.0	0.0.0	0.0.0	0.0.0	0.0.0	4.3.0		
Lybius dubius	Bearded barbet	0.01	0.0.0	0.0.0	0.0.0	0.0.0	0.0.1		
l eucopsar rothsch	ildi Bali mynah	110	0.0.0	0.0.0	0.0.0	0.0.0	110		
Ailurus fulnone	Red panda	430	0.0.0	0.0.0	0.0.0	0.0.0	430		
TOTAL	. teo panda	10.9.14	0.0.0	0.0.0	0.0.0	0.0.0	10.9.14		
TOTAL			2.0.0	2.0.0	2.0.0	2.0.0			
* = Group Inventory (Counts Included In Row								
** = Colony counts in	cluded in Row								
Included Institution									
ITRAINING1 Training	0								
[Treating] fraining								-	



The Inventory Detail Report provides the same six column inventory, but gives you the option to include or exclude animals in or out on loan. In addition to the six columns in the Summary Report, the Detail Report also has a change column. When the report displays, it splits each species into the separate rows: Owned And Onsite, In On Loan, Out On Loan, Groups and Colonies. You can also choose to display CITES and IUCN information on your inventory for added value.

Note that group animals in/out on loan will **not** display in the In On Loan or Out On Loan Columns.

🍠 Inventory Detail Report								
								3
🛞 Run Report 📓 Export For Raw Excel Favor	urite Search Filters	 	3					
NOTE: Recently entered data may not appear on re	eports for 180 secor	nds after it was en	tered.					
Scope Report Start Date * Report 01/01/2022 08/0 Taxonomic Scope * Colle Animalia / Animals × Prim Show IUCN Or CITES Filters Cites O Cites EU O IUCN Cites Type Please Select ×	ort End Date * 12/2022 Acctions Hary Animal Collect	ion, 1 🔽	Diss So Tt	axonomic Orde Display Taxor Include anim Include anim int Type A4	er nomic Tree als Owned Ar als In On Loa O Letter	Taxo Sper I Ir nd Onsite I Ir	nomic Resolution * cies clude animals Out On clude Groups ? clude Group Split / Me	Loan rge Transactions
I of 2 Image: Export to the selected format Export Image: Export								<u>^</u>
Taxonomy	Beginning	Births	Acquisitions	Change	Deaths	Dispositions	Ending Status	
Amphiprion percula							Orange clownfish	
Owned And Onsite	0.0.0	0.0.0	0.0.0	0	0.0.0	0.0.0	0.0.0	
In On Loan	0.0.0	0.0.0	0.0.0	0	0.0.0	0.0.0	0.0.0	
Out On Loan	0.0.0	0.0.0	0.0.0	0	0.0.0	0.0.0	0.0.0	
Groups	0.0.7	0.0.0	0.0.0		0.0.0	0.0.0	0.0.7	
L'entedactulus fallers	0.0.0	0.0.0	0.0.0		0.0.0	0.0.0	untain abiakan fra-	
Owned And Onsite	010	0.0.0	0.0.0	0	000	0.0.0	0.1.0	
In On Loan	0.0.0	0.0.0	0.0.0	0	0.0.0	0.0.0	0.0.0	
Out On Loan	0.0.0	0.0.0	0.0.0	0	0.0.0	0.0.0	0.0.0	
Groups *	0.0.0	0.0.0	0.0.0		0.0.0	0.0.0	0.0.0	
Colonies	0.0.0	0.0.0	0.0.0		0.0.0	0.0.0	0.0.0	
Spheniscus demersus		CITES: I	I/IUCN: Vulnerable	(VU)			Jackass penguin	
Owned And Onsite	4.3.0	0.0.0	0.0.0	0	0.0.0	0.0.0	4.3.0	
In On Loan								
In On Loan	0.0.0	0.0.0	0.0.0	0	0.0.0	0.0.0	0.0.0	

Another way to see your animals in or out on loan is to run a Loan Report. The Loan Report is accessed from the Start Menu, under Reports, Loan Report.



	0	Activity Report
	0	Daily Report
	0	Enclosure Activity Report
arraining / Species360 Trai	9	Enclosure Occupants Summary Report
	0	Enclosure Report
	0	Enrichment Session Report
Taxonomy	0	Global Permit Report
(a) lastitution	0	Exports 🕨
() Feeleway	0	Inventory Detail Report
C Baseda	0	Inventory Summary Report
Reports P	0	Loan Report
Cite Support	0	Note Retrieval
Collection Trips	0	Peak Holding
Species360 Post Office	10	Permit Application
🜍 Medical 🔹 🕨		Canadian Event Mintery
💮 Studbook		Species Event matory
		Specimen Report
	9	Taxon Report
Search for local animals	0	Transaction Report
() Start	9	Wild Acquisitions Report

The Loan Report lists the details for each animal In on Loan or Out on Loan. You will need to run the report once for animals In on Loan, and again for animals Out on Loan.

		*
🕞 Run Report Favourite Search Filters 💌 🛞	۵. ا	
NOTE: Recently entered data may not appear on reports	for 180 seconds after it was entered.	
Taxonomic Scope *	Collections	
Animalia / Animals 🗙	Primary Animal Collection, 1	
Include Taxonomy below selected level	Specific Party	
Report Start Date *	Search Institution	
01/01/2022	Animal Identifier Type	
Report End Date *	Please Select Y Select All	
08/02/2022	Z Exclude Zero-Count Open Groups 3	
Loan Type *	Note Type	
Loan Out (not at your facility, owned 👻	Please Select V Select All	
Select One	Print Type	
1. Loan In (at your facility, not owned by you)	● A4 O Letter	
2. Loan Out (not at your facility, owned by you)		
Include Obsolete Records		
	aected format ♥ Export 🖓 🔯 🖶	
		Ê.
Bapart Start	Data Lean Benert For Benert End Data	
01/01/2022	Loan Report For Report End Date	
Report Type:	Total Count:1 Copyright, Species360, 2022, All rights reserved.	
Training2	TRAINING2	
T007 / CBH	121-00006 Male Ailurus fulgens / Red panda	
Visit Histo	IV. Association Menderland III. Day Over Depended Dy. Discocifient Designed Level ID Day Over Data Over	
15/08/2010	Birth/Hatch In In TRAINING / T007 Loan Out To Out - 23/11/2013	
Sex-Contr	aception: Male Birth Type: Captive Birth/Hatch	
Hybrid Sta	Atus: False Birth Location: Training	
Sire:	CBH21-00002 (TRAINING / T002) Dam: CBH21-00001 (TRAINING / T001)	
Rearing:		

Read more here:

Husbandry Reports ZIMS Help Document

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1.4.3 Animal Identifiers

"Animals must be identifiable, whatever practical, and have corresponding ID numbers."



Animal identifiers can be recorded in the Identifiers grid on an animals record. Identifiers can be physical identifiers, such as tags, bands, markings and transponders, or logical identifiers, such as house names, studbook numbers and passport numbers.

Id	entifiers							
4	\$	7						Actions -
		Туре	Identifier	Location/Descriptor	Status	Effective Date	Preferred	Reported By
	•	Local ID	T004	-	Active	28/04/2011	V	TRAINING
	Q	Physical characteristics	Short tail	-	Active	09/02/2022	×	TRAINING
	Q	Color Marking - Natural	Dark fur patch at top of tail	-	Active	09/02/2022	×	TRAINING
	Q	Regional Studbook Number	AZA/123	-	Active	09/02/2022	×	TRAINING
	G	Transponder	123 45 67890 09876	-	In-Use	28/06/2011	×	TRAINING
	Q	House Name	Ray	-	Active	29/04/2011	×	TRAINING
	Prev	Page 1 of 1	Next Page Size	Change				

You can view identifiers for multiple animals in Animal Search Results by customizing the columns to display the required identifiers. You can export the list by clicking the Export to Excel button.

ž) An	ima	ls <u>Le</u>	arnZIMS_TRAINING_ONLY										x
5	Sear	ch A	nim	als By Identifier/GAN		P 😲 F	ilter By Institution	on	2	E Your animal li	sts 💞 🔢 Batch	Measurements		
I	»	St	atistio	cs CBH21-00004/Ailurus	s fulgens 🗷 Sea	arch Results 💌	Search Results	8						
		=	Actio	ns for selected animal(s)	ę									
				Preferred ID	Scientific Na	DOB/Establi	Current Encl	House Name	International	Regional Stu	Bands	Тад	Transponder	
			G	[T004/TRAINING]	Ailurus fulgens	28/04/2011	<u>R2</u>	[Ray/TRAINI		[123/TRAINI			[123 45 6789	
			G	[T005/TRAINING]	Ailurus fulgens	06/06/2013	<u>R1</u>	[Bob/TRAINI	[1554/TRAIN					
			G	[T0011/TRAINING] [P	Amazona ver	22/03/2015	<u>TB1</u>				[Dark green/			
			G	[T0016/TRAINING]	Amazona ver	20/06/2020	<u>TB1</u>		[1585/TRAIN		[Red 53 PO/			
			G	[T0010/TRAINING] [P	Amazona ver	16/05/2015	<u>TB1</u>				[White/2018			
		14	4	Page 1 of 1	🕅 🛛 🍣 Page S	ize 32 Ch	ange 🜆 🤰						1 - 32	2 of 32

Another useful identifier is making use of the Images section in an animal record. You can use this grid to record identifying images, such as markings or characteristics. You can also set the picture as the profile picture for the record for quick identification, for example this zebra's strip pattern.



	Individual	GAN: CBH22-00032 / Alive / Male / Adult	Parent In	nfo							
	Local ID	[T0037/TRAINING]	▷ <- Cli	ick here for details							
	Preferred ID	T0037									
	Species	🛞 Equus zebra / 🎯 Mountain zebra 🛛 IUCN; EN CITES; II	Langthr								
	Birth Location	Training	Lenguis								
	Birth Type	Captive Birth/Hatch	P <- C/	LK Here for details							
	3) Birth / Age	28/04/2011 / 10 Years 9 Months 12 Days									
	Current Collection	Primary Animal Collection	Rearing								
	Current Enclosure	R2	▷ <- Cli	ck here for details							
	Health Status	Define Statue									
	Redu Cardillar Care	Undekensioned	Taxonomy / Sex Type / Collection								
	Body Condition Score	<u>undetermined</u>	▷ <- Cli	ick here for details							
P	ysical Holder History		Alerts								
⊳	<- Click here for details		<- Click here for details								
0	wnership Transaction His	story									
⊳	<- Click here for details		inages								
			4				Actions •				
W	eiahts			Thumbnail	Image Title	Created Date	Profile Image				
D	<- Click here for details				Pump	09/02/2022	~				
-	< circle here for details				Rump	05/02/2022	•				
				SA M							
Co	ontraception		Prev	Page of 1	Next Page Size 20	Change					
Þ	<- Click here for details				. ago onco ev						

Read more here:

Images ZIMS Help Document

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1.4.4 Records Storage

"A disaster preparedness and business continuity plan should be in place for vital animal and veterinary records, and those that have long-term or permanent retention requirements."

Complete details on data backup, redundancy, and retention available here.

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1.4.10 Current Records

"Animal records must be kept current."

Husbandry and Enclosure Records

You can use Daily Activity to show how current your Husbandry and Enclosure records are. You can find Daily Activity from the Start Menu > New Features > Daily Activity.





Daily Activity displays all entries added to ZIMS in the animal husbandry record, including transactions, weights, notes and observations. You can export information for a specific date range (no more than 31 days at a time), taxonomic scope, enclosure or specific record type. You can also export the report to raw Excel.

😃 ZIMS Daily activity	0%	=
Animal Enclosure		
Taxon Search for a taxon Cast 30 days Record types v 4 collections v	Jump to section 🖌	4
✓ Animal events 6 Records		
✓ Enclosure moves ³ Records		
✓ Identifiers 6 Records		
✓ Notes & observations 1Record		
V Sex type TRecord		

The raw excel report is organized by record type and each record type is displayed



separately on a new sheet in the spreadsheet.

	A	В	С	D	E	F	G	н	1	J	K	L	Μ	N A
1	Preferred ID	Other ID	Scientific name	Common name	Census	Recorded date	Event date	Event	Recorded by	Responsible party	Enclosure	Details		
2	T0319	bobby	Prionailurus rubiginosus	Rusty-spotted cat	1.0.0	26/03/2025	19/03/2025	Rescued	Local Admin	Local Admin	TRAINING			
3	T0319	bobby	Prionailurus rubiginosus	Rusty-spotted cat	1.0.0	26/03/2025	26/03/2025	Release to Wild	Local Admin	Local Admin				
4	T0322		Entacmaea quadricolor	Bladdertipped anemone	0.0.20	07/04/2025	07/04/2025	From Another Institution	Local Admin	Local Admin	TANK 04			
5	T00183		Entacmaea quadricolor	Bladdertipped anemone	0.0.17	07/04/2025	07/04/2025	Partial Death Event in Group	Local Admin	Local Admin	PO1			
6	T0322		Entacmaea quadricolor	Bladdertipped anemone	0.0.19	07/04/2025	07/04/2025	Partial Death Event in Group	Local Admin	Local Admin	TANK 04			
7	T0323		Entacmaea quadricolor	Bladdertipped anemone	0.0.9	07/04/2025	07/04/2025	Group Split	Local Admin	Local Admin	TANK 03			
8														
9														
10														
11														
12														
13														
14														
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16														
17														
18														
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25														
26														
27														
28														
29														
30	_													
24		Animal ev	ents Enclosure moure	Identifiers Notes 9 abs	onution	Couting M	leights & lengths	L		1			_	
			Enclosure moves	Identifiers Notes & obs	ervations	s sex type w	reights & lengths	· · · · · ·						

Daily Activity also displays information recently entered into the Enclosure modules. Choose to run the report for all enclosure or specific enclosures. You can export the report to raw Excel.

ZIMS Daily activity	
Animal Enclosure	
Enclosure V Search for an enclosure Q 🗄 Last 30 days Record types V	Jump to section v
Checklist items 4 Records	
Q Chemical additions There aren't any records for this event type that match your search.	
Q Maintenance There aren't any records for this event type that match your search.	
V Measurements 6 Records	
Q Notes & observations There aren't any records for this event type that match your search.	

Medical Records

To display how up to date your medical records are you can choose to display the medical dashboard, which shows the most recent medical entries, or to run and export a ***** report.



The medical dashboard displays entries from the past 7 days by default. You can change the filter if you wish to increase or decrease the date range, and you can export the list by clicking Export Medical List.

Medical Records LearnZIMS_TRAINING_0	DNLY		_			Help M	lenu 🗸 💶 🗖 💻 🗶
😁 New 🗸 🖹 Edit 🛛 🗶 Delete 🛛 🔚 Manag	ge Animal Lists 🗸 🛛 🧬 Reload medical lis	t 🛛 🌹 Export medical lis	t 🕗 Medical Rep	oorts 🔹 Medical Apps 👻 🕕 Sample Storage		_	🙆 My Calendar
Dashboard 🤣	Animal	(5 Records)	Date	Details	Responsible Staff	🍣 🛛 Basic Info	-
Select animal to see detail	■ 09/02/2022					Identifiers	GAN:CBH21-00005
A Records	T0026 / Bearded barbet /	CBH21-00021	09/02/2022	SOAP: Test a	Species360 Trai	Local ID	T005
Clinical notes (1)	O T005 / Red panda / CBH2	21-00005	09/02/2022	Inflacam (15 mg/ml Liquid) (Meloxicam) 2 mg twice a day (bid) for 2 doses Oral (p.o.)	Species360 Trai	House Name	Bob
Diagnoses & Procedures	😑 👩 T005 / Red panda / CBH2	21-00005	09/02/2022	Inflacam (15 mg/ml Liquid) (Meloxicam) 5 mg once a day (sid) for 6 doses Oral (p.o.)	Species360 Trai	Current Enclosure	<u>R1</u>
Samples	 	1-00005	09/02/2022	Necropsy: Case #: ~ Necropsy report: ~		Sex	Female
Zests & Results	■ 07/02/2022					Scientific Name	Ailurus fulgens
Anesthesia (1)	T005 / Red panda / CBH2	1.00005	07/02/2022	Pending completion (no rating/recovery data provided: no effects or milestone	Keener 2	Common Name	Red panda
Necropsy/Biopsy (1)			OTTOLIEULE		reoper 2	Birth	06/06/2013
Physiological measurements						Age	8Y 8M 3D
Diagnostic imaging						Arrival	06/06/2013
0						Owner 🚜	TRAINING

Read more here:

- Daily Activity Help Document
- Medical Reports ZIMS Help Document

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1.4.12 Records Sharing

"When a specimen is transferred to another institution, all data for that animal within the zoological records management system, must be transferred with the animal".

Sharing with other ZIMS institutions

In ZIMS you can easily share an animal's husbandry or medical records with another ZIMS institution. You can share a single record through the animals module, or a whole taxon (e.g. species or class) through the institution module. In order for another ZIMS institution to be able to view your medical records, they must have the same level of sharing (Gold, Silver, Bronze, No sharing). These medical sharing preferences can be found in Institutional Preferences, under ZIMS Accessibility and Features.



Medical Records Sharing	
Gold Level Sharing	2
○ Silver Level Sharing	3
O Bronze Level Sharing	3
○ No Sharing	
External Medical record sharin <i>institutions</i> have external record medical record sharing and the animal with the other institution between institutions, allowing viewing the medical history of medical records shared/viewed sharing chosen by each institut share. Species360 supports 3 of view, never edit, the historical in	ng: Medical records can be seen by another institution <i>if both</i> cord sharing enabled, <i>both institutions</i> have selected a level of a sharing institution has shared the medical records of the specific n. Record sharing is most commonly associated with animal moves both for sharing information prior to confirming a transaction and an animal once it has moved to another institution. The types of d is controlled by the minimum common level of medical record tion; you will never see more record types than you are willing to different levels of record sharing. The receiving institution can only medical records.

You can share a single record from an animal record in the External Sharing grid within the Detail tab.

Ex	ternal Sharing				
⊿	2 1 2				> Actions -
	Institution	Animal	Taxonomy	Record Type	Created Date
	TORONTO	2648 [Hippopotamus amphibius/Hippopotamus]	-	Husbandry	Nov 21, 2016
	Prev Page	e 1 of 1 Next Page Size 30 Change			

You can share records for a whole taxon, e.g., for an entire species or class, or share a single record within the External Sharing grid in the My Institution tab in the Institution module. This grid will display all records your institution has shared. You can also export your full list of shared records to Excel of PDF by clicking on the export buttons.

E	xterna	l Sharing						
	₄ 2	🔊 🤰 Sh	ow search form					🔊 Actions 🗸
	In	stitution	Animal	Taxonomy	Record Type	Details	Created Date	Created By
	W	UPPERTAL		Mammalia/Mammals	Medical, Husbandry		Feb 10, 2022	Species360 Member Support
	VA	ILLEYZOO	LB.11 -1111 [Rana pipiens/Northern leopard frog]		Medical, Husbandry		Aug 30, 2021	Species360 Member Support

Sharing with non-ZIMS institutions

ZIMS records cannot be shared with other records management systems, but data can be exported to send to those collections.



You can run a Specimen Report to extract all husbandry information added to the animal. The Specimen Report can be found under the Start Menu, Reports, Specimen Report, or it can be accessed from an animal record by clicking Actions on the Details tab.



The specimen report allows you to select which information you would like to extract in your report, including basic animal information such as birth/hatch dates, parents, identifiers, and more detailed information such as notes & observation, training sessions and feed logs. Once run, the report can be exported to various formats, including PDF, which you can then send on to the receiving institution.





You can export a complete medical history from the Medical module by running a Complete Medical History report, or by exporting the medical dashboard for an animal. The Complete Medical History report is found in the Start Menu, under Medical, Medical Reports, Complete Medical History, or within the Medical module under Reports,



arraining / Species360 Trai	ning			
Accession	6	🕽 Logout		
less Animals	4	Switch Institution	_	
Taxonomy	6		9	Complete Medical History
Institution	6	Global Resources	0	Medical Caseload Management Report
Enclosure	6	Tools	0	Calendar Items Report
Reports	6	Security Tools	0	Anesthesia Summary Report
Life Support	C	Recent	0	Sample, Test & Result Report
Collection Trips		Dalasea Notae	0	Weight Monitoring Report
Species360 Post Office	0	Medical Records	0	Daily Medical Activity Summary Report
Medical	0	Medical Resources	0	Pathology Case Report
Studback	0	Medical Reports 🔹 🕨	0	Unresolved Medical Issues Report
Stadbook	0	Pharmacy Inventory	0	Active Prescriptions/Treatments Report
	0	Sample Storage	0	Medical Metrics Report
Search for local animals	0	Dictionary •	0	Clinical Note File Copy Report
(U Start) S ()	e	Test Upload	0	Pharmacy Reports



You can only run the Complete Medical History report for one animal at a time. You can select which sections of the medical record to extract if you only need to share part of the report. You can also limit the report to specific dates, for example if you only need to extract the past year. When you have run the report, you can click the Export PDF button to download the report to send on.

Complete Medical History acal Reports - Medical Apps -										
nplete Medica	History									
Run Report	Favourite Search Filters	🗸 🛞 📕 🗞								
IOTE: Recently	entered data may not app	ear on reports for 180	seconds after it was entered.							
nimal ID *										
T005/Ailurus fu	Igens/Red panda/CBH21-(00005 × 🔎								
rom date	To date									
ecord Type —										
💋 Clinical note	s 🗹 Diagnoses & Proced	lures 🗹 Treatments/I	Prescriptions 🔽 Samples 🔽 Tes	ts & Results 🗹 Anesthesia 🗹 Physiological me	asurements 🔽 Pathology					
			Medical History Report	for All Record Types			360			
Animal Type	GAN	Preferred ID	Taxonomy		Sex	Birth Date				
Individual	CBH21-00005	T005	Ailurus fulgens/Red panda		Female	06/06/2013				
09/02/2022 Prescription/ Basic Info Date Writte Start Date Prescribed B	Treatment n 05 Sy 55	9/02/2022 9/02/2022 00:00 pecies360 Training animal		Weight Info Date Measurement Value Estimate	09/02/2022 3.4 kg No					
Treatment De	atail Item/Drug Inflacan	n (15 mg/ml Liquid) (Mel	oxicam)	Exclude From Reference Intervals	Yes	Export PDF				

You can also download a full medical history from the Medical Dashboard. When in Medical, search for your specific animal, make sure any filters have been removed if you want to send the full record, then click Export Medical List, or click the PDF icon next to the animal ID.



Predical Records LearnZIMS_TRAINING_ONL	Medical Records LearnZIMS_TRAINING_ONLY								
Pew ▼ Sedit Sedit Manage A	Animal Lists 🔹 🍣 Reload medical list	😨 Export medical list	⊘Medical Report	is▼ Medical Apps▼ () Sample Storage					
Dashboard 😲	Animal	(5 Records) D	ate C	Details					
Select animal to see detail	∃ 09/02/2022								
Records	T005 / Red panda / CBH21-	00005 09	9/02/2022 li	nflacam (15 mg/ml Liquid) (Meloxicam) 2 mg twice a day (bid) f					
⊿ 🔁 T005/Ailurus fulgens/ 🤤 🗮 🛄	T005 / Red panda / CBH21-	00005 09	9/02/2022 li	nflacam (15 mg/ml Liquid) (Meloxicam) 5 mg once a day (sid) fo					
Clinical notes	🔿 🕐 T005 / Red panda / CBH21-	00005 09	0/02/2022 N	Necropsy: Case #: ~ Necropsy report: ~					
Diagnoses & Procedures Sections/Treatments (3)	∃ 07/02/2022								
C Samples	T005 / Red panda / CBH21-	00005 07	7/02/2022 F	Pending completion (no rating/recovery data provided; no e					
Tests & Results Anesthesia (1)	⊒ 25/11/2021								
Necropsy/Biopsy (1)	T005 / Red panda / CBH21-	00005 25	5/11/2021 li	nflacam (15 mg/ml Liquid) (Meloxicam) 3 mg once a week (q7d					
Physiological measurements									

Read more here:

- External Record Sharing ZIMS Help Document
- Medical Record Sharing ZIMS Help Document
- Husbandry Reports ZIMS Help Document
- <u>Medical Reports ZIMS Help Document</u>
- Medical Dashboard ZIMS Help Document

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1.4.13 AZA Studbook-Managed Species

"For AZA studbook-managed species, all data that is required to manage these programs effectively must be submitted to Species360 for use in ZIMS for Studbooks".

By accessioning your animals into ZIMS, and recording data on these animals, including birth/hatch information, parents, rearing and contraception, you are fulfilling your requirements for section 1.4.13.

To view which species you hold which are part of AZA studbook-managed species, you can use the Global Studbook Search Tool. The Global Studbook Search Tool is found in the Start Menu, under Studbooks, Global Studbook Search Tool.





In the Search on the left, enter your institution in the Taxonomy Held By box, and AZA in the scope to bring up a list of species at your institution which are held in AZA studbooks. If required, you can export the list to PDF or Excel.

🙀 Global Studbo	ok Search Tool									
Search			Taxonomy Held By	CALGARY, AZA	: 50 Studbooks 🔅	/iew graphs 🖻	port to Excel	Export to PDF		
Taxonomy Search taxe	onomy	٩	Studbook Name	Studbook Keeper	Studbook Keeper Email	Studbook Keeper Institution	Scope	Living Animals	Curren t Holder s	IUCN Status
Include be Taxonomy H	elow Ield By		[TAG MONITORED] Puma, (Puma concolor)	Michelle Schireman	michelle.schireman@o regonzoo.org	PORTLAND	AZA	130 (62.64.4)	69	Least Concern (LR/Ic)
CALGARY	(×		Bear, Black (Ursus americanus)	Ann Meyer	ameyer@auduboninstit ute.org	AUDUBON	AZA	738 (344.327.67)	192	Least Concern (LC)
AZA ×			Bison, American (Plains) (Bison bison)	Mollye Nardi	mnardi@gpzoo.org	SIOUX FAL	AZA	2590 (1217.1210.163)	332	Near Threatened (NT)
Name	ea Institution		Cat, Pallas's (Otocolobus manul)	Scott Kayser	skayser@birminghamz oo.com	BIRMINGHM	AZA	56 (32.24.0)	20	Least Concern (LC)
Search peo	ople		Colobus, Eastern Black- and-White (Colobus guereza)	Kesha Schreiber	kschreib@springfieldm o.gov	DICKERSON	AZA	206 (97.108.1)	53	Least Concern (LC)
Please Sel	ect	-	Crane, Grey-crowned (Balearica regulorum)	Ryan Weber	ryan.weber@toledozoo .org	TOLEDO	AZA	277 (124.136.17)	79	Endangered (EN)
Please Sel	ect	Ŧ	Crane, Whooping (Grus americana)	Sprina Liu	sprina.liu@dallaszoo.c om	DALLAS	AZA	295 (151.139.5)	23	Endangered (EN)
ວ Reset Q Search	🔇 Graph		Crocodile, Dwarf (Osteolaemus tetraspis)	Vicki Villanova	vicki.villanova@omaha zoo.com	OMAHA	AZA	276 (34.51.191)	68	Vulnerable (VU)
			Deer, Musk Siberian (Moschus moschiferus)	Matthew Ardaiolo	mardaiolo@denverzoo. org	DENVER	AZA	13 (7.6.0)	5	Vulnerable (VU)
			Dragon, Komodo (Varanus komodoensis)	Chris Baker	cbaker@memphiszoo. org	MEMPHIS	AZA	136 (83.53.0)	75	Endangered (EN)
			Flamingo, Chilean	Holly Ray	hray@okczoo.org	OKLAHOMA	AZA	1978	82	Near Threatened

Read more here:

Global Studbook Search Tool ZIMS Help Document

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1.5 Animal Welfare, Care and Well-being

1.5.0 Assessing animal welfare and wellness

"The institution must have a process for assessing animal welfare and wellness".

If you use the Care and Welfare module for assessing welfare and wellness, you can demonstrate your use and export data in a range of ways. The Care and Welfare module is found in the Start Menu under Animals, Care and Welfare.



Within the Care and Welfare module, clicking Templates on the left panel (1) will show a list of all templates you have set up (2). Search the templates (3) to filter your list, or click on the blue name (2) to demonstrate the welfare and wellness indicators you are monitoring.

	Care and Welfare								×
	Templates 🛨	3							
Care and Welfare	🙀 Chart	Filter by Name	Created by						0
	Export	Name	Created By	Created Date	Last Assessed Date	Institution S	Sha	Edit	
	Templates	Primates	Species360 Training	14/02/2022	~	×	×	×	
	2	Red Panda	Species360 Training	14/02/2022	~	×	×	×	
		Tropical birds	Species360 Training	14/02/2022	~	×	×	×	්්

To view recorded data within the module, click on Chart (1) and search for the animal you wish to view (2), along with any date filters. All recorded data for that animal and timeframe will appear in the graph (3). Alternatively, click Switch to List view (4) to view all the data in a list (5).





Care and Welfare TRAINING ONLY				
Chart More_Options				
🙀 Chart	T0036/Spheniscus demers	us/Jackass penguin/CBH22	2-00031 × Animal Detail	Switch to graph view
Export	Filter by Name	Created by		
Templates	From 15/1/2022	To 14/2/2022	Interaction with enviro ×	-
5	Date - Time	Category	+3 Indicator Value Sca Filter by Category or Indicate	le Observed By
	2022-02-04	Behavior	Abnormal/undesired 3 behaviors	Species360 Training 🥒 📋
	2022-02-04	Behavior	Excessive vocalization 0 0/1	Species360 Training 🥒 📋
	2022-02-04	Physical Health	Evidence of 1 0/1 pain/discomfort	Species360 Training 🥒 📋

To export care and welfare data, choose Export from the left panel (1), fill in your search criteria (2), then click Export (3) to export the data to excel.

If you want to export all data entered into Care and Welfare, set the start date to 1/1/1800, set the Taxonomy to Animalia/Animals, and select all your indicators.



Care and Welfare _TRAINING_ONLY	Care and Welfare_TRAINING_ONLY	
Export More_Options	Export Care and Welfare Data	×
🙀 Chart	2	
Export	Start Date* 1/1/1800 End Date* 14/2/2022 ##	
Handicators	○ Animal ○ Animal List ○ Enclosure . Taxonomy*	
Templates	Animalia/Animals ×	
	✓ Include taxa below	
	Add another	
	Indicators * 🥹	
	Abnormal/undesired behaviors × +6	-
		3
	NOTE: Recently entered data may not appear on exports for 180 seconds after it was entered.	Export Cancel

A	B	C	D	E	F	G	H	
1 Care and Welfare								
2								
3 Printed on: 14/02/2022								
4								
5 Entity Name	Scientific Name	Date of measurement	Indicator	Value	Scale	Indicator Note	Note	Observed By
5 T0030	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training
T0031	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training
T0032	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training
T0033	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training
0 T0034	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training
1 T0035	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training

Outside of the Care and Welfare module, you can also view and export your data in the Animal Graphing Tool. The Animal Graphing Tool is found in the Start Menu under Tools, Animal Graphing Tool.



The Animal Graphing Tool lets you graph multiple animals at the same time to compare their welfare and wellness. Choose your date range (1) and your animals (2). In the Measurement Type (3), choose all of the Care and Welfare categories. Then, because we have chosen multiple animals, we can choose to group the graphs by Animal or Measurement Type (4). We have chosen Measurement Type here to compare the indicators across multiple animals. Click Show Graph (5) to run.



1 Animal Graphing Tool		_ = = <mark>_</mark> ×
Favorite Filters Please Select 💽 🏟 🖺 🖉 Feature Upd	sted!	▲ Toggle Search Pane
Date Range*		
1/2/2022 🛍 4/2/2022	*	
Animal(s)*	Measurement Type * 3	
T0036/Spheniscus demersus/Jackass peng ×	Care and Welfare - Behavior × Animal Weight × Care and Welfare - Environmental ×	-
T0035/Spheniscus demersus/Jackass peng 🗙	Care and Welfare - Mental Domain × Care and Welfare - Nutrition × +1	
T0033/Spheniscus demersus/Jackass peng 🗙	Please Select	
T0030/Spheniscus demersus/Jackass peng ×		
T0034/Spheniscus demersus/Jackass peng ×		
T0032/Spheniscus demersus/Jackass peng ×		
T0031/Spheniscus demersus/Jackass peng ×		
Search local animals		
Group Graphs By: * Animal Measurement Type Show Graph 		

Each indicator is displayed in its own graph, as we chose to group graphs by Measurement Type. Click on the hamburger icon \equiv on each graph to export the data to excel or export the graph as a picture.





Read more here:

<u>Care and Welfare ZIMS Help Document</u>

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1.5.9 Water Quality Monitoring

"The institution must have a regular program of monitoring water quality for fish, marine mammals, and other aquatic animals. A written record must be maintained to document long-term water quality results and chemical additions".

You can graph or export your water quality data easily using the Environmental Quality Graph to demonstrate your regular monitoring program. The Environmental Quality Graph can be found in the Start Menu under Tools, Environmental Quality Graph



Choose your date range (1) and your enclosures, life supports or components (2). You can use the magnifier glass to search for items here, or look for entities under a specific responsible party. Choose your Measurement Types (3) then choose to either Show Graph, or Export straight to Excel.

L Environmental Quality Graph	٢	
Favorite Filters Please Select Image: Comparison of the select	E Resture Updated!	▲ Toggle Search Pane
Date Range*		
1/10/2021	31/10/2021	
Enclosure / LS / Component / Responsibl	e Party / * Measurement Type *	
Holding Pool 1 × Holding Pool 2 ×	Water temperature × pH × 3	-
Penguin Exhibit Pool ×	Q Please Select	
Type Enclosure / LS / Comp	Show advanced selection	
Show Graph	4	

Show Graph:





Export to Excel:

	A	В	С	D	E	F	G	
1	Environmental Quality Graph							
2	Printed on: 14/02/2022							
3								
4	Date	Time	Entity	pH Value	UOM	Water temperature Value	UOM	
5	2021-10-01	00:00:00	Holding Pool 1	6	pН			
6	2021-10-08	00:00:00	Holding Pool 1	6	pН			
7	2021-10-15	00:00:00	Holding Pool 1	6.5	pН			
8	2021-10-19	00:00:00	Holding Pool 1	7	pН			
9	2021-10-27	00:00:00	Holding Pool 1	7.5	pН			
10	2021-10-01	00:00:00	Holding Pool 1			25	°C	
11	2021-10-08	00:00:00	Holding Pool 1			26	°C	
12	2021-10-19	00:00:00	Holding Pool 1			27	°C	
13	2021-10-27	00:00:00	Holding Pool 1			29	°C	
14	2021-10-01	00:00:00	Holding Pool 2	8	pН			
15	2021-10-08	00:00:00	Holding Pool 2	7.7	pН			
16	2021-10-15	00:00:00	Holding Pool 2	9	pН			
17	2021 10 10	00-00-00	Holding Dool 2	86	nH			_

Read more here:

• Environmental Quality Graph ZIMS Help Document

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1.5.10 Temporary, seasonal and traveling animals

"Temporary, seasonal and traveling live animal exhibits, programs, or presentations (regardless of ownership or contractual arrangements) must be presented and maintained at the same level of care as the institution's permanent resident animals".

You can choose to record temporary, seasonal and traveling live animals in ZIMS, either under your main institution (if appropriate) or as a separate Global or Local Collection.



If you use a global collection, your animals and data will contribute to the global dataset, e.g. global reference intervals and weights. If you choose to use a Local collection, the animals and data can only be seen or used by your institution.

Collections can be created and managed within the Collections grid in the Institution module.

nstitution Search							
Global Institutions	🔶 Add N	lew (My Institution				
Institution Statistics My Institution							
Details							
😫 Expand all 🖹 Collapse all 🛛 🙀 Animal Statistics 🛛 🚯 Contact Directory 🛛 💥 Measurem	ent Preferenc	es					
			CICK HERE for details				
Medical Roles 🔇 🥸		Coll	ections				
Click here for details		4 🍣 🔠 🏆 Show search form					
			Name	Туре	Scope	Active	
			Incomplete Accessions	Incomplete Accession	Local	~	١.,
			Primary Animal Collection	Main Collection	Global	8	
			Wild Pathology	Research	Local	~	
			🕅 🗐 Page 1 of 1	▶ 🕅 🛛 🥙 Page Size	20 Chan	ge 1 - 3 of 3	

When you accession an animal, you need to state which collection the animal is being accessioned into. You can then move animals in and out of collections within the Taxonomy/Sex Type/Collection grid within the animal record.

😂 Individual Animal From Another Institution 🛛 🗖 🗮 💌	Animals LearnZIMS_TRAINING_ONLY	
Save Save & Repeat 🕸 Reset Favourite Accession Template 💌	Search Animals By Identifier/GAN	P 🗄 Your animal lists 🖓 🛛 Batch Mea
Clutch/Litter ID Please Select V Not in the list? Add New Clutch/Litter ID	Statistics CBH21-00004/Ailurus fulgens Maior Life Event My Transactions Details More Details Note & Observation of Major Life Event My Transactions Comparison The Collapse all Observation of Collapse all Observations Observation of Collapse all Observations Observation of Collapse all Observations	nal Graphing Tool
Received Dead My Institution Details Local ID Please Select	Contraception Taxonomy / Sex Type / C > < Click here for details Enclosures Change Date	iollection
Collection * Primary Animal Collection * Enclosure Training * P	 ▷ <- Click here for details ♀ 14/02/2022 A 00:00 ♀ 28/04/2011 A 00:00 ♀ 28/04/2011 A 00:00 	nimal Quarantine - TRAINING collection hange nimal Primary - TRAINING collection Animal change Collection

If you use separate collections, you can choose to include or exclude these animals in reports or searches anywhere you see the "Collections" filter box, for example below in the Animal Search and in the Inventory Summary Report.



😂 Animals	Inventory Summary Report							
Search Animals By Identifier/GAN								
×	Run Report Export For Raw Excel Fa	vourite Search Filters	🖌 🛞 📙 🔇	Q. C.				
Animal Simple Search	NOTE: Recently entered data may not appear	on reports for 180 seconds	after it was ent	ered.				
Favourite Search Filte 💌 🛞 🛃 🖓	Taxonomic Scope *		Z Include Gro	uns				
	Animalia / Animals 🗙 🖉 🔎			ups -				
	Taxonomic Resolution *		🗌 Include Gro	up Split / Me	rge Transactions			
O All Animais	Coories		Collections					
Current Animals	Species		Primary Anima	al Collection,	1 👻			
	Report Start Date * Report End Date *	Ľ	Drint Tuno					
Owned and On Site	01/01/2022 🔤 08/02/2022 📑		Print Type					
Owned, but Off Site	Physical or Ownership		A4	01	Letter			
	Physical							
On Site, but not Owned	- Inviter							
	Sort By							
Local ID 🔇	Taxonomic Order							
Institution 3	Experies Second	t to the selected format 🗸	Export					
Filter By Institution		to the selected format .	_ expore 🥥					
· nor by normality		0						
Taxonomy 🔇	Report Start Date	Sum	mary inve	ntory Rep	port For		Report End	Date 🛙 🚳
Filter By Taxonomy	01/01/2022	Denest Turney	Animalia	a / Animals			08/02	^{/2022} 2000
Current Collection		Report Type.	Physic	cal		Copyright, Spe	cies360, 2022. All rights	s reserved.
Plaze Calact	Taxonomic	Common Name	Beginning	Births	Acquisitions	Deaths	Dispositions	Ending
Piedse Select	Amphiprion percula *	Orange clownfish	0.0.7	0.0.0	0.0.0	0.0.0	0.0.0	0.0.7
	Leptodactylus fallax	Mountain chicken frog	0.1.0	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0
🎸 Reset 🛛 🔍 Search	Spneniscus demersus	Jackass penguin	4.3.0	0.0.0	0.0.0	0.0.0	0.0.0	4.3.0

Read more here:

<u>Collections ZIMS Help Document</u>

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1.5.11 Deaths during transport

"Animal transportation must be conducted in a manner that is safe, well-planned and coordinated, and minimizes risk to the animal(s), employees, and general public."

ZIMS can help demonstrate the number of deaths that have occurred during transport at your institution. Run a Transaction Report, set the scope details, select the advanced filter, include 'Only transactions that were Death In Transit', and select 'Disposition' and 'Acquisition' as the transaction type and Run Report.



🖉 Transaction Report	
Transaction Report 5 Run Report Favourite Search Filters Run Report NoTE: Recently entered data may not appear on reports for 180 seconds after it was entered. Scope Include Pre-Births Report Start Date * 01/01/2024 Taxonomic Scope * Animalia / Animalis Include taxonomy below Include Enclosure Search For Enclosure Include Enclosures Below Specific Party Search Institution Subset None Country Continent	Transaction Filter Basic Advanced Death in Transit Only transactions that were Death in Transit Only transactions that were Death in Transit Birth Birth C Acquisition C Disposition Death Death Death Death Partial Group Transactions Reported Holder Reported Owner Split/Merge
Specific Party Search Institution Subset None O Country O Continent Display Options	Control Contro Control Control Control Control Control Control Control Control Co
Sort By Common Name Font Size Common Name Common Nam	

This generates a report that can be exported, which includes any deaths that occurred during any imports or exports from your institution when a Death In Transit has been recorded.

Report Start Date: 01/01/2024			Transacti	ion Report Aı	Report End Date: 31/12/2024				
Preferred ID	GAN	Sex	Age at Date	Date	Transaction	Vendor/Recipient	Vendor ID		
Oriental pied hornbill Anthracoceros albirostris									
T00114	CBH23-00110	Undetermined	1Y,6M,3D	13/11/2024	Donation To (Alive, Death In Transit)	bob the breeder	Undetermined		
Panther goby			Barbulifer	pantherinus					
SD1	CBH22-00061	Undetermined	6Y,0M,4D	08/09/2024	Donation From (Alive, Received Dead)	TRAINING2	UNDETERMINED		
08/04/2025	260 2025 All right	reconved		TRAININ	IG	(Brackets display # acquired o	r dispositioned from group)		

Read more here:

• <u>Reports in Husbandry - see Transaction report</u>

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1.5.14 UV Spectrum for long-term/permanently indoor-housed animals

"If animals are housed either long-term or permanently in indoor facilities, the appropriate UV spectrum for the species (based on the knowledge available to date) should be provided in these enclosures".

UV measurements can be recorded on terrestrial enclosures, life supports and components. The UV measurements can then be exported via the <u>Environmental Quality</u> <u>Graph</u>.

Read more here:

Environmental Quality Graph ZIMS Help Document

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1.6 Enrichment and Husbandry Training

1.6.3 Documenting Enrichment Activities

"Enrichment activities must be documented and evaluated, and program refinements should be made based on the results, if appropriate. Records must be kept current".

Enrichment can be recorded on an animals record within the Enrichment grid. Here you can assign items to an animal/group, and add sessions to record an animals interaction when the enrichment is provided. You can view the sessions for each item by clicking View/Edit for that item. You can export the enrichment items and sessions for a record by clicking the export to PDF or Excel buttons.

S Ar	nimals						
Sea	rch An	imals B	y Identifier/GAN	Q	Filter By Institution	P 🗄 Your anima	al lists ઐ
>>	Stati	istics	I5522-01247/126/Leucopsa	r rothschildi 🗵			
	Deta	ails M	ore Details Note & Observat	ion 🎱 Major Life	e Event My Transactions		
	2	7 🖽	Expand all 🖹 Collapse all				
	Enr	richment	t				
	⊿	8	3 Show search form				Actions •
		_	Enrichment Item Name	Category	Goal	Date Assigned	Sessions
			EInclinent Rein Name	Category	Goal	Date Assigned	Sessions
		G	Box, cardboard	-	Increase Behavioral Repertoire, Behavior	09/11/2021	5 Sessions Recorded <u>view/edit</u>
		Θ	scent, lavender	-	Enclosure Usage, Behavior	04/10/2021	3 Sessions Recorded view/edit
		Q	scent, peppermint	-	Behavior, Enclosure Usage	04/10/2021	1 Session Recorded <u>view/edit</u>
		Prev	Page 1 of 1 Next	Page Size 20	Change		

You can export the enrichment items and sessions for your whole collection by running the Enrichment Sessions Report. This report can be found in the Start Menu under Reports, Enrichment Sessions Report.





To run the report for all the enrichment sessions added, set the Taxonomy to Animalia/Animals and set the Start Date to 01/01/1800.

🍠 Enrichment Session Repo	vrt						
		۲					
Export For Raw Excel	avourite Search Filters 🛛 🗸 🛞 🛃 🗸						
NOTE: Recently entered da	NOTE: Recently entered data may not appear on reports for 180 seconds after it was entered.						
Taxonomy * 🔿 Anim	al(s) *						
Animalia/Animals ×	\sim						
Include Taxon Below							
Collections	Primary Animal Collection, Rese 💌						
Report Start Date *	01/01/1800						
Report End Date *	14/02/2022						

The report exports all enrichment sessions given, detailing the item as well as the goal, reaction, staff and much more.

GAN	Proferred ID	Taxonomy: Scientif Sex	Errichment Rem	Enrichment Cotogo Enrichme	ust Gosl 🔅	Seccion Date	Time Gires	Time Removed	Derotion Of Anima	Precentation	Animal Reaction	Service Goal	Service Roting	Dotaile	Provided By	Flogged For Readj	Accigned Date	Animal Type	Birth Type /	Birth Date	Enclosero	
15514-00208	2632	Scisenochromic shi Undetermined	Ball	Sencory Behavior.	r, Enclosur-I	05/01/2016	0130	09:00			Popitive				corgi test Nolan	Palce	NV2016 12:00:00	Individual	Indeterminate 1	12/6/2013 12:00:01		
10014-00208	2632	Scisenochromis and Undetermined	Bell	Sendory Behavior,	r, Encloser-I	07/01/2016	11:15	19:45			Positive				corgi test Nolun	False	1/1/2016 12:00:00 .	Individual	Indeterminate *	12/6/2013 12:00:00		
15514-00208	2632	Scisenochromic shi Undetermined	Ball	Sencory Behavior	r, Enclosur-I	08/01/2016	17:15	01:15	3600 hour		Pozitive		Moderstely Succes	a Thio io se example i	corgi tect Nolsa	Falco	1/1/2016 12:00:00	Individual	Indeterminate *	12/6/2013 12:00:00	-	
15514-00205	26-92	Sciaenochromis and Undetermined	D-4	Sensory Debasion	. Enclosure "	10/05/2016								test	+ ¹	False	WV2016 12:00:00 .	Individual	Indeterminate 7	12/6/2013 12:00:00		
15514-00198	MAMO	Miggenus ungeillic Malo	Shork	- Biologic	al, Other B I	02/06/2016	00:30	00:45	300 minute		Pozitivo		Highly Successful		Michale Mozez	Falco	6/1/2016 12:00:00	Individual	Captive Birth/Hotel	10/15/2013 12:00:0	Michale's home 10 gal Aq	ssrism
15514-00208	2632	Scisesochromic abl Undetermined	Feathers	Sencory -		01/02/2017										Falce		Individual	Indeterminate 1	12/6/2013 12:00:00	-	
18816-00354	ebh1	Max maxeelas / Hor Female	browse Dogwood	- Biologic	al. Increase 1	15/02/2017									Addaids TNT	False	2/1/2017 12:00:00	Individual	Captive Birth/Hotel 1	8/6/1303 12:00:00	Species360	
15516-00354	abh1	Maz mazcalaz / Hor Female	Bul	Sencory -		15/03/2017	0100	02:30	5400 hour						Noise Horvey	Falco	12/1/2016 12:00:00	Individual	Captive Birth/Hotel	8/6/1909 12:00:00	Speciez360	
15513-00121	11001	Cuphotilspis fronts -	Del	Sensory Debasion	. Enclosure I	02/05/2010										False	•	Group of Asimals	Indeterminate	10/27/2011 12:00:0	Front Fish Task	
18816-00354	abb1	Maz mazcalaz / Hor Female	chair	Social ·		11/07/2018								topotast	Erito Fronk	Falco	12/1/2016 12:00:00	Individual	Captive Birth/Hotel (8/6/1909 12:00:00		
15517-00441	Phoebe Buffae	Poscilla reticulata / Fonale	Ball	Sencory Biologics	al Increase '	17/05/2018					Not Observed		Highle Successful	earlichmont cooplose	Kin Larcon	Falce	5/17/2018 12:00:00	Individual	Indeterminate	2/17/2017 12:00:00		
10012-00016	MAM2	Panaio oblongs / L. Undetermined	Aromatic oils	Scroory ·	1	02/07/2019									Nolas Horroy	False	6/4/2019 12:00:00	Individual	Undetermined	7/2/2011 12:00:00	Michele's home 10 gal Ag	ssrism
15520-00973	KIM97233	Hydrochooraz hydr Fonals	Ball	Sencory -		18/12/2020	00:30	01:30			Pozitive				Kin Loreon	Falco	12/18/2020 12:00+	Individual	Undetermined	12/1/2020 12:00:00		
15512-00005	Whitness	Betta / Betta Male	Dall	Sensory -		11/03/2021	00:15	0115			Positive				Kin Larson	Falce	3/19/2021 12:00:00	Individual	Indeterminate	2/20/2012 12:00:0		
18821-01066	BUDDY	Perameter geneii / E Male	Bul	Schoory Behavior	. Encloser	14/05/2021	00:45	02:30			Not Observed				Kin Lorzon	Falco	5/14/2021 12:00:00	Individual	Captine Birth/Hotel	4/1/2021 12:00:00	Speciez360	
80010-15221 5	48	Ara nacao / Scarlei Fenale	Ball	Sencory Behavior	. Eaclocary	23/06/2021	00:15	00:30						tect note added to	Kin Larcon	Falce	6/22/2021 12:00:0	Individual	Wild Birth/Hatch	2/1/2021 12:00:00		
18812-00006	Whitney	Betta / Betta Male	Ball	Scroory -		28/07/2021	00.00	00.00			Enablishing acquiring				Kin Larson	False	3/19/2021 12:00:00	Individual	Indeterminate	2/20/2012 12:00:0		
a 18821-01117	KIM8900	Parachsinodon azel -	grosa cup			28/07/2021	00:30	01:15							Kin Loreon	Falco		Group of Asimple			Front Figh Tank	
15312-00005	Whitness	Betta / Betta Male	Ball	Sensoru -		28/07/2021	12:15	12:15			Avoids item				Kin Larson	Falce	3/19/2021 12:00:00	Individual	Indeterminate	2/20/2012 12:00:0		
1 10021-01120	21-105	Hedrochocras hedr Fonals	Aromatic oila	Schoory Behavior	. Encloser	29/07/2021	00:15	0145			Positing				Kin Larzon	Falco	7/28/2021 12:00:0	Individual	Captine Birth/Hotel	5/1/2021 12:00:00	enclosure 1	
10010-15221 2	44	Morar baccases / f Undetermined	Aromatic offic	Seecory -		20/03/2021							Highle Succepted		Elicabeth Hunt	Falce	WV202112:00:00	Individual	Coptive Birth/Hotel	2/18/2021 12:00:00	Speciec360	
18821-01147	105	Carassias auratus a Undetermined	Aromatic oils	Sensora Facilitate	e shiftian 1 t	06/12/2021					Arkenwiederd its	distriction of the	w Moderately Succes	testing.	Matthew Sherry	False	12/6/2021 12:00:01	Individual	Captive Birth/Hatel	3/2/2021 12:00:00	Species360	
18822-01247	126	Loscopeter rothachi Femala	Boz, cardboard	- Bebanice	. Increase I	15/12/2021									Hannah Junking	Falco	19/3/2021 12:00:00	Individual	Captine Birth/Hotel	1/10/2020 12:00:00	Specier360	
s ISS22-01247	126	Leaconcor rothschi Fenale	Box. cardboard	- Debasion	. Increase I a	2912/2021									Hannah Janking	Falce	19/1/2021 12:00:00	Individual	Captive Birth/Hatel	1/10/2020 12:00:01	Speciec360	
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15522-01242	123	Turciopa trancatual Fomalo	Ball	Sencory -		05/01/2022	00:30	01:15							Kin Lorcon	Falce	1/5/2022 12:00:00	Individual	Coptive Birth/Hotel	1/5/2022 12:00:00	Kine sectorare 5	
15522-01247	126	Learonste rothschi Fenale	scent loceader	- Relaxion	Eadlosury 1	12/01/2022									Hannah Jonkins	False	10/4/2021 12:00:01	Individual	Captive Birth/Hatel	1/10/2020 12:00:00	Species360	
18822-01247	126	Learonne rothschi Femala	accel perpensiel	- Behavior	Faclorer.	13/01/2022									Hannah Janking	False	10/4/2021 12:00:0	Individent	Contine Birth/Hotel	1/10/2020 12:00:00	Species360	
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10000-01047	196	Lanconcos cothechi Fanala	Box cardboard	- Babagios	A location of the	0402/2022									Hannah Insking	Falce	199/2021 12:00:00	budialden!	Contine Birth Mond	1/10/2020 12:00:01	Speciar 260	

Read more here:

• Enrichment ZIMS Help Document

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1.6.4 Documenting Training Activities

"The institution should follow a formal written animal training program that facilitates husbandry, science, and veterinary procedures and enhances the overall health and wellbeing of the animals".

Training can be recorded on an animals record within the Training grid. Here you can assign training programs to an animal/group, and add sessions to record an animals daily training session. You can view the sessions for each program by clicking View/Edit for that program. You can export the training programs and sessions for a record by clicking the export to PDF or Excel buttons.

GAN	: CBH	21-00004/	Ailurus fulge	ns x	P 3	Filter By Institution		P E Your animal lists
>>	Stat	stics	Animal Trainir	ng Definitions Sea	arch Results 🛎 🛛 CBI	121-00004/Ailurus fu	lgens 🛞	
	Deta	ils Mo	ore Details	Note & Obser	vation 🌱 Major Life B	Event My Transaction	s	
	2	7 🖽 E	Expand all	Collapse all				
	Tra	inina Inf	ormation					
	4	\$	2					Actions -
			Behavior	Trained At	Current Status	Date Range	Purpose	Sessions
		G	Target	TRAINING	Maintaining (<u>1 record</u>)	15/07/2015 / -	Husbandry	4 Sessions Recorded (<u>view/edit</u>)
		G	Injection	TRAINING	Maintaining (<u>1 record</u>)	19/11/2014 / -	Health Care	No Sessions Recorded (<u>add new</u>)
		Prev	Page 1	of 1 Next	Page Size 20	Change		

Read more here:

• Training ZIMS Help Document

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1.7 Commercial Collectors

"Institutions that acquire aquatic animals from the wild must make a good faith effort to determine that collecting procedures are done in a sustainable manner".

"Institutions dealing with commercial collectors must determine that the collectors are properly permitted to conduct legal collections of animals (including aquatic animals) from the wild".

You can record the details of any wild animal collections under Collection Trips. Collection trips are managed within the Collection Trips module, found in the Start Menu.



Content of the second s	Fraini	ng							
Accession	Þ	😱 Logout							
less Animals	₽	Switch Institution							
Taxonomy	₽	🔅 My Preferences							
Institution	₽	Global Resources							
Enclosure	Þ	🤔 Tools 🔹 👂							
Reports	Þ	🤔 Security Tools 🛛 👂							
S Life Support		Recent 🕨							
Collection Trips		🔟 Release Notes 🔹 🕨							
Species360 Post Office	-	Species360 Acknowledgement							
🔞 Medical	Þ	CIMS Security							
Studbook	Þ	Help & Support							
		Q Suggest Features							
Search for local animals	Search for local animals								
🕐 Start 🚿 🍈		S Animals							

Collection Trips				
Collection Trip	dd New Collection Trip			
(<)	Search Results 🛞			
CollectionTrip Search	Name	Start Date	End Date	Supervised By
Trip Name	Partula Programme 2022	01/02/2022	08/02/2022	Species360 Training
Trip Personnel				
Please Select				
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Start Date Range				
From Date 🖸 To Date				
End Date Range				
From Date 🖪 To Date 🖪				
Trip Lead				
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Country				
Search for Country				
🕫 Reset 🛛 🔍 Search	🕅 🖣 Page 1 of 1 🕨 🕅 😂	Page Size 20 Change 🔠 🏅	ð	1 - 1 of 1

With each Collection Trip, you can record the staff involved, locations, vehicles, associated permits and also animals collected.



ollec	tion Trips											
ctior	n Trip	🗸 🔶 Add I	New Collection Trip									
P	artula Programme 2	022 🗷										
D	etails											
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	4 2 🖾 🏅				Actions -	4	2 🙉 🏅				Action	ons -
	Name	Partu	ula Programme 2022				Responsible	Party	Insti	tution	Trip Role	
	Start Date	01/0	2/2022				Keeper 1		TRAI	NING	Participant	
	End Date	08/0	2/2022				Species360 Tr	raining	TRAI	NING	Supervisor	
	Trip Lead	Spec	ies360 Training									
C	ollection Trip Locati	on										
	4 🎅 🕅 🏅										Actio	ons •
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	Outcome	Method	Entity Accession	Taxor	nomy 9	Sex/Co	unt L	ocal ID		Country/St	tate/Location	
	Accession		Group of Animals	Partula	a hebe	0.0.30	[CBH22-00033]	[T0038]			

You can also assign animals to your collection trip when accessioning.

😫 Individual Animal Collected Fro	m Wild		x
🚽 Save 🛛 🚽 Save & Repeat 🛛 🕸 R	Reset Favourite Accession Template 💌) 🛞 📕 🔊 🍳	
Please Select 🗸	Add New Clutch/Litter ID	Please Select	-
Collection Information		Record Rearing Information 3	
Collection Date *	Α	Birth Information Birth Data *	
Collection Method	Collection Trip	Estimate	- 1
Collection Location	Select One 1. Partula Programme 2022	Birth Type * Wild Birth/Hatch	
Search for Country	Please Select	Birth Location	
Location Modifier	Water Type	 Institution Geo Location 	
Diazco Solact	Diasco Solact		•

You can export a list of all wild caught animals in your institution using the Wild Acquisitions Report. This report can be found in the Start Menu, under Reports, Wild Acquisitions Report.





The Wild Acquisitions Report can be filtered to show animals from specific taxonomy, between date ranges, or from a specific collection trip or type of collection trip.

FE: Recently entered data may not appear on reports f	or 180 seconds after it was entered.		
cope		Collection Trip Report Filters	
Report Start Date *	Report End Date *	Term	
01/01/2022	14/02/2022	Collected from the Wild(Physical and Ownership), Cl ¥	
Taxonomic Scope *		Location Country State/Province	
Include Taxonomy below selected level		Please Select V Please Select V	
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isplay Options		Please Select 🗸	
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isplay Options Sort By Date V Local ID Print Type	Y	Vater Type Please Select Collection Method Please Select Permit	

Once run, the report can exported to various formats.

Ø Wild Acquisitions Report				
				*
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K I of 1 > K Export to the selected form	at 🕶 Export 🧐 🙆 🛢			A
Report Start Date 01/01/1800	Wild Acquisiti Animalia / A	ons Report Animals	Report End Date 14/02/2022 Copyright, Species380, 2022. All rights reserved	2 2 0 2 4 C
T0040 Partula snail /	Partula dentifera		Group of	Animals
Date Location	Water Type	Method Number	r Staff Responsible Permit	
03/02/2022 French F	olynesia	0.0.40	Species360 Training TESTPER	
T0038 Partula snail /	Partula hebe		Group of	Animals
Date Location	Water Type	Method Number	r Staff Responsible Permit	
14/02/2022 French F	olynesia	0.0.30	Species360 Training TESTPER	
T0039 Partula snail /	Partula tohiveana		Group of	Animals
Date Location	Water Type	Method Number	r Staff Responsible Permit	NALT 4
14/02/2022 French F	olynesia	0.0.20	Species sou maining TESTPER	

Read more here:

- <u>Collection Trips ZIMS Help Document</u>
- <u>Wild Acquisitions Report ZIMS Help Document</u>



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2. Veterinary Care

This section outlines the ways ZIMS can assist your accreditation process within Section 2 – Veterinary Care.

2.0 Veterinary Care Program

2.0.4 Complete Medical Records

"Complete medical records must be maintained on all animals in the collection that have received veterinary attention".

See 1.4.10 for animal records.

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2.0.7 Mortality Trends

"Trends in the overall health and mortality of the animals should be monitored and evaluated over time to strengthen the preventive medicine program."

ZIMS provides tools to track Relevant Death Information (i.e. mortality) using the Morbidity and Mortality Analysis report, found in the Start Menu > Medical > Medical Resources > Morbidity and Mortality Analysis.



To view Relevant Death Information graphs for animals in your institution, you must first



record this information when recording a Death transaction or through the Necropsy record.

Disposition - Death	×
Date * 08/04/2025 2 12:00 PM Estir	nate
Discovered Date	
Relevant Death Information 🧳	Primary Body System Affected
Infectious disease> Bacterial ▼ Ξ Indeterminate G V Infectious disease	Please Select
E V Bacterial Fungal Metazoan Parasite	Submitted for Necropsy
Protozoal Viral No necropsy performed	Add To Transaction List S Cancel
Non-infectious Disease or Conc Solution Parental neglect Premature birth	
t Necropsy/Death	
ubmission? Case Info Gross I	Vecropsy Samples and Tests Measurements Histopathology Images Finalize
Preview 🛛 🚽 Save 🛛 🍌 Sign off	
Finalization Date *	Relevant Death Info 🔇 Check all diagnoses that are significant contributors to deat
	Infectious disease> Bacterial Y No items to display
Responsible Pathologist 🖓 ~	Adverse Environmental Conditions Behavior Chronic disease
Responsible Resident ~	Gillonic disease Gill
Death Date 🔔	M E Indeterminate
08/04/2025	N □ □ V Infectious disease
Final Summary	E V Bactenal
	E Metazoan Parasite

To track Relevant Death Information at your institution, open the Morbidity and Mortality Analysis report, select Relevant Death Information Analysis and set the scope to My Institution. Apply filters for taxonomy and date range, and then View Graph.



🥥 Morbidity & Mortality Analysis		Help Menu 🗸 🗖 🗖 🗾 🗸
		*
Morbidity/Mortality Function	○ Global ○ Continent ● My Institution	
Most common clinical issues	Animals at my institution.	
Relevant death information analysis	2 Pestrict analysis to animals dving at this institution	
○ Search by diagnosis (local animals only)	Accession Types *	
Taxonomy *:	Individual, Group of Animals	
Animalia/Animals x	Death Date	
✓ Include Taxon Below		
		4
		🔗 Reset 🛛 🕞 View Graph

A graph showing useful Relevant Death Information (RDI) records will be generated. Click on the graph to see further breakdowns of certain categories.

🥥 Morbidity & Mortality Analysis			Help Menu	- 0 ×
				*
Back to Relevant Death Information	ant Death Information 10/03/2019 to 08 Useful RDI red Scope: My Instit 8 Animals	n: Animalia/Animals 8/04/2025 cords tution	S Export RDI an	nalysis 🗮
Infectious disease (37.5%)				
<u>Trauma (25.0%)</u>				
<u>Neonatal issues (12.5%)</u>				
Non-infectious Disease or Condition (12.5%)				
Restraint complications (12.5%)				
	0	1 Animals	2	3

Read more here:

- <u>Relevant Death Information</u>
- Global Medical Resources

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2.5 Necropsy

2.5.1 Necropsies

"Deceased animals should be necropsied to determine the cause of death for tracking morbidity and mortality trends to strengthen the program of veterinary care and meet SSPrelated requests".

A full list of Necropsies can be found within the Medical module. Within the dashboard, click Necropsy/Biopsy at the bottom of the screen (1). Choose to run a Necropsy/Biopsy Simple Search or a Necropsy/Biopsy Advanced Search (2). A full list of necropsies matching your search will appear in the center screen (3). If you want to export the full necropsies in your list, click Export Medical List.

😝 Medical Records		4								
🎌 New - 🖹 Edit 🗮 Delete 🗄 Manage Animal Lists - 🖉 Reload medical list 🦹 Export medical list 🥥 Medical Reports - Medical Apps - 🕞 Sample Storage 🔞 My Calendar										
Necropsy/Biopsy Simple Search	Animal	(3 Records)	Date	Details			Responsible S	taff	🍣 🛛 Basic Info	
Necropsy/Biopsy Advanced Search		3							Identifiers	GAN:ISS20-00763
Record Scope	🔘 🍘 38 / Humphea	ad cichlid / ISS20-00763	06/04/2021	Necropsy: Case #: -	Necropsy report: ~				Local ID	38
	04/06/2021								Current Enclosure	Front Fish Tank
Local O Shared O All	04/00/2021	nitar borned envy (JES20.00200	04/06/2024	Neeropau: Case # .	Neeronay report -			_	Sex	Undetermined
	0 0 A323347 30	nital-normed bryx / 13/320-00000	04/00/2021	Necropsy. Case #.	Necropsy report. ~				Scientific Name	Cyphotilapia frontosa
Necropsy	06/16/2020								Common Name	Humphead cichlid
	🔾 🕐 Monica Geller	/ Guppy / ISS17-00442	06/16/2020	Necropsy: Case #: ~	Necropsy report: ~				Birth	~ < 10/2//2011
Animal ID									Owner #	SPECIE360
Please select									Holder	SPECIE360
Taxonomy									Last Weight	~
search									Collection	Primary Animal
✓ Include Taxon Below									Concetion	Collection
Necropsy/Biopsy Date 3									Health Status	~
From To									Add New Status	
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- Search By Status									Medical Alerts	
									No Active Medical Ale	erts Found
🐉 Reset 🛛 🔍 Search									Active Problems No Active Problems F	ound
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Clinical Notes									Active Enclosure P	rescriptions
Diagnoses & Procedures	GAN	Preferred ID Taxonon	ıy		Sex	Birth Date	Age		No Active Enclosure F	Prescription Found
Prescriptions/Treatments	(g) ISS20-00763	38 Cyphotila	pia frontosa/Humphead	cichlid	Undetermined	~ < 10/27/2011	9Y 7M 8D		Calendar Tasks	of Add New Task
	Submission							1		
C Samples	Death Date	06/04/2021 0	0:00	Carcass Weight-				Ĭ		
😫 Tests & Results	Date Submitted	06/04/2021		Measurement		~				
	Date Discovered	~		Estimate		No				
Anesthesia	Submitted By	Martha Mega	rry	Exclude from	eference intervals	No				
Physiological Measurements	Manner of Death	Natural/Non-	euthanasia	Death Location -						
Mecropsy/Biopsy				Enclosure : Fro	nt Fish Tank			-		

Read more here:

<u>Necropsy/Biopsy ZIMS Help Document</u>

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3.0 Conservation

This section outlines the ways ZIMS can assist your accreditation process within Section 3 - Conservation.



3.3 Participation/Support

3.3.1 SSP/SAFE Participation

"The institution must participate in every SSP that pertains to an animal within their collection. The institution may indicate at what level it desires to participate in each SSP".

"The institution should participate in every SAFE program that pertains to an animal within their collection".

See 1.4.13 for searching for AZA SSP species at your institution.

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Revised 8 April 2025