

# ASSOCIATION OF ZOOS AQUARIUMS

Using ZIMS to help prepare for your AZA Accreditation

Revised 11 August 2023



### **AZA Accreditation Supplement**

Using ZIMS to help prepare for your AZA Accreditation

Contact Species360 Support

Revised 11 August 2023

#### 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

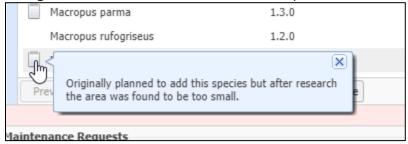
#### 1.3.1 Institutional Collection Plan

"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.

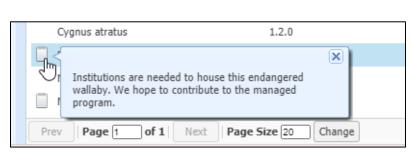
\$	<b>E</b>			Action
	Taxonomy Scientific Name	Target Population By Sex	Year	Active
	Cygnus atratus	1.2.0	2021	~
	Macropus parma	1.3.0	2022	$\checkmark$
	Macropus rufogriseus	1.2.0	2022	$\checkmark$
	Macropus rufus	1.2.0	2021	×
Dr	ev Page 1 of 1 Next P	age Size 20 Change		

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.





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).

🕀 Enclosure	
Search for enclosures	
	«
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	1
	1
Include Taxon Below	
Target Year	1
	]
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.

	-				Merge Enclosures - Batch	412	Your enclosure lists - 32
Enclosu	e Taxonomy	Male	Female	Other	Target Year	Active	Total Individuals/Groups
		wale	Female		-		
<u>R1</u>	Aceros corrugatus / Sunda wrinkled hornbill	1	1	0	2025	<b>~</b>	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	<b>~</b>	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	<b>v</b>	6/0

Read more here:

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

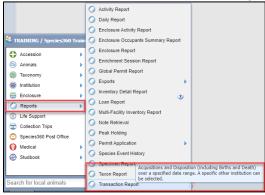
**Back to Topics** 



#### 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.



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	✓ ◎ 및 ②	
NOTE: Recently entered data may not appear or	reports for 180 seconds after it was entered.	
Scope		Transaction Filter
All	ly	O Basic Advanced     Term     O All physical, ownership, and partial group transactions
Include Pre-Births		All physical, ownership, and partial group transactions
Report Start Date *	Report End Date *	All physical transactions
01/01/2022	08/02/2022	
Taxonomic Scope *	Enclosure	All ownership transactions
Animalia / Animals 🗙 🔑	Search For Enclosure	Transaction Type
Include taxonomy below	Include Enclosures Below	✓ Births ✓ Deaths
Specific Party		Acquisitions (Excluding Births) Z Dispositions (Excluding Deaths) Z
Search Institution		
Subset		
None      Country      Continent		Transaction Filter
		Death in Transit
Display Options 4		All transactions (excluding Death in Transits)
Sort By Show		
	ferred ID	⊳ 🥅 Birth
East Size 2		▷ 🗀 Acquisition
	tal ID	▷ 🛄 🗋 Disposition
		Death     Death     Death
		E Reported Holder
		E Reported Owner
Taxonomy Name Format		▷ 🛄 Split/Merge
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	C DU	MMY DATA	Transac	tion Report An	imalia	Report End Date: 08/02/2022	36 <b>0</b>
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 du	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			Amphipric	n percula			
T0020	CBH21-00015	0.0.7	0Y,11M,28D	09/08/2021	Donation From +[0.0.7]	TRAINING2	UNDETERMINE
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		
Г003	CBH21-00003	Male	0Y,0M,0D	15/08/2010	Birth/Hatch		
F004	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			
F0010	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.

Activity Report
O Daily Report
Enclosure Activity Report
Enclosure Occupants Summary Report
Enclosure Report
Enrichment Session Report
Global Permit Report
🥥 Exports 🕨
Inventory Detail Report
🖉 Loan Report
Multi-Facility Inventory Report
Note Retrieval
Peak Holding
Permit Application
Species Event History
Specimen Report
🕥 Taxon Report
Transaction Report
Wild Acquisitions Report



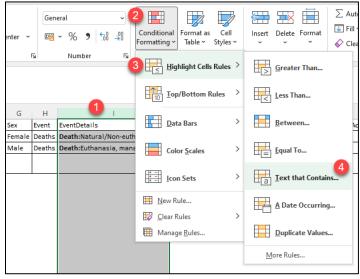
In the search criteria, set Event Type to Deaths, then select any other filters you wish to run. You can run the report, and then export to PDF, or you can click Export for Raw Excel if you want to run some quick formatting to highlight the natural vs euthanasia deaths.

Run Report Report For Raw Excel Favour	ite Search Filters 🗸 🛞 📮 🗸		
NOTE: Recently entered data may not appear on re			
Report Start Date *	Taxonomic Scope		
01/02/1800	Filter By Taxonomy		
Report End Date *	Include Taxonomy below selected level		
08/02/2022			
Date Range Filter	Enclosure		
Event Date	Search For Enclosure		
	Include Enclosures Below		
Deaths Select All	Group By		
Entered By	GAN 👻		
Please Select			
Print Type			
A4     C Letter			

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	К	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.													1

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).



8



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	l.	J	К	
Sex	Event	EventDetails	RecordedBy	Detail	Actua
Female	Deaths	Death:Natural/Non-euthanasia: :	Species360 Training		
Male	Deaths	Death:Euthanasia, management: :	Species360 Training		
μ					
Text Th	nat Conta	ains		?	×
Format	t cells tha	at contain the text:			
Natura	al	1 with Gr	een Fill with Dark Gree	n Text	<b>`</b>
			ОК	Cance	I

Read more here:

Husbandry Reports ZIMS Help Document

#### Back to Topics

#### 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.

7 Transaction Report		
Run Report Favourite Search Filters	▼ ◎ J	
NOTE: Recently entered data may not appear o	on reports for 180 seconds after it was entered.	
Scope		Transaction Filter
		O Basic Advanced
All O Individuals Only O Groups Or	niy	
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
		▷ □ ✓ From another institution
Include taxonomy below	Include Enclosures Below	From wild
Specific Party	Collections	▷ 🗀 🗌 Rescued
Search Institution	Main Institution Animal Collectior 👻	Appeared
	Hein Indication Annual Concedor	Recapture
Subset Ocountry Ocontinent		▷ 🛄 🗌 Retrieved
Country Continent		Dindeterminate
		Contract of the second se
		From lay
isplay Options		
Sort By Show		Disposition ▷ □ V To another institution
Common Name 👻 💿 Pr	eferred ID	Release to wild
Font Size 🔇 🔿 Lo	ocal ID	▷ ☐ Missina

Then Export to Excel.



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.

stitution Search								Help Menu	
Vour Local Institutio	ns 🔎 💠 Add New 😡 My Institution								
Institution Statistics AZA 8									
Details									
Expand all 🖹 Collapse all									
Institution Profile		A	ssociation Members						
4 2 🔤 🏹			4 2 📧 🕇						
Institution Details							C : 000	ZIMS	
Name / Mnemonic Association of Zoos & Aqua	(June (A7A) / A7A		Name	Mnemonic	Country	State/Province	Species360 Member	Institution	Accredited
Species360 Membership	THE (ACA) / ACA		Abilene Zoological	ABILENE	United	Texas	<b>~</b>	*	<b>V</b>
Institution Category Global/Regional Association			Gardens Acuario de	VERA CRAO	States Mexico	Veracruz	×	×	~
Institution Type Regional Association, Stude			Veracruz, A.C.	VERN GROAD	PIEAICO	veraciuz	•	•	
Species360 Institution 310500999			Adventure Aquarium	ADVENTURE	United States	New Jersey	×	×	<b>V</b>
Code			Africam Safari	PUEBLA	Mexico	Puebla	<b>~</b>	~	~
Member of WAZA / World Association	of Zoos and Aquariums (WAZA)		(Africam, S. A. de C.V.)				Ť	Ť	*
			Akron Zoological	AKRON	United	Ohio	~	<b>~</b>	~
Communication Details	Geographical Location		Park		States		Ť		Ť
Address 8403 Colesville Rd, Suite 710	Continent North America		Alaska SeaLife Center	AK SEALIF	United States	Alaska	~	*	<b>~</b>
~	Country United States		Albuquerque	ABQBIOPK	United	New Mexico	<b>~</b>	<b>~</b>	~

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.

SUN	i -	$\times \checkmark f_x$	=IF(ISNUMBER(MATCH(G5, J:J	, 0)), "AZA accred	ited", "Non-AZA")	B		
	А	В	C D E	F	G	Н	1	J
_	Report Start Date: Jan 01, 2018	Transacti	tion Report(Animalia)	Report End Dat Jan 01, 2023	te:		A	
	Preferred ID	GAN	SEX Age at EDate	Transaction	Vendor / Recipien	Vendor ID	AZA accreited?	Mnemonic
		F19417 - 68838 F19417 - 68838 F19417 - 68838 F19417 - 68838	Nov 09, 2022 7 Oct 08, 2018 Jul 29, 2021 Nov 09, 2022	Donation To Donation To	Norristow Hemker GF Hemker GF Norristow	UNDETERMINED UNDETERMINED UNDETERMINED UNDETERMINED	"Non-AZA")	ABILENE VERA CRAQ ADVENTURE PUEBLA
	terio la labor pr	F3621-0168	) Oct 01, 2021	Purchase	CALZOOSUP	UNDETERMINED		AKRON 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")



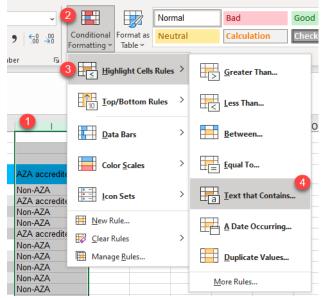
#### *Which will look like this:* =IF(ISNUMBER(MATCH(G5, J:J, 0)), "AZA accredited", "Non-AZA")

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).



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	К
te:				
Vendor / Recipie	en 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 Contai	ns		?	×
Format cells that	contain the text:			
Non-AZA	Î	with Light Red Fill w	ith Dark Red	Text 🗸
		OK		ancel

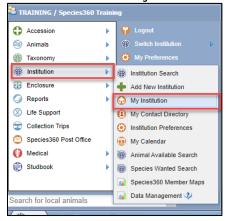
You now have a list of all Acquisitions and Dispositions from AZA and Non-AZA accredited institutions in the last 5 years for your institution, with Non-AZA highlighted for ease of viewing.

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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.



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.



Туре	ID	Name	Authority	Status Type	Effective Date	Expiration Date	Assignments
BALAI number		TESTPERMIT2	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> (1 Records)	28/04/2011		2 Assignment(s) Recorded <u>(edit/view</u>

#### Read more here:

• Permits ZIMS Help Document

#### **Back to Topics**

#### 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.

#### Back to Topics

#### 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.



		-	
		9	Activity Report
		0	Daily Report
		9	Enclosure Activity Report
😤 TRAINING / Species360 Tra	aini	0	Enclosure Occupants Summary Report
Accession	Þ	9	Enclosure Report
Animals		0	Enrichment Session Report
Taxonomy	1	9	Global Permit Report
	1	0	Exports
Institution	1	0	Inventory Detail Report
Enclosure	Þ	0	Inventory Summary Report
Reports	Þ	0	Loan Report
C Life Support		9	
Collection Trips		9	Note Retrieval
Species360 Post Office		9	Peak Holding
Medical		9	Permit Application
Studbook		0	Species Event History
	1	9	Specimen Report
		0	Taxon Report
Search for local animals		Ö	Transaction Report
🕐 Start) 🏐 🋞		0	Wild Acquisitions 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								
Run Report Report For Raw Excel	avourite Search Filters	🔽 🛞 🗖 🤇	2)					
NOTE: Recently entered data may not appear	r on reports for <b>180</b> seconds	after it was enti	ered.					
Taxonomic Scope *		🛃 Include Gro	oups					
Taxonomic Resolution *		_	oup Split / Me	erge Transactions				
Species 👻		Collections						
Report Start Date * Report End Date *		Primary Anima	al Collection,	1 ~				
	9	Print Type						
Physical or Ownership		<b>O</b> A4	0	Letter				
Physical or Ownership								
Sort By								
Taxonomic Order								
Report Start Date	rt to the selected format <b>\</b> Sum	Export S		port For		Report End	Date a	<u>^</u>
01/01/2022			a / Animals			08/02/	2022	
01/01/2022	Report Type:	Physic					<u>u</u> u	
Toursenis	0	Destautan	Dista	• 1+1		cies360, 2022. All rights		
Taxonomic Amphiprion percula *	Common Name Orange clownfish	Beginning 0.0.7	Births 0.0.0	Acquisitions 0.0.0	Deaths 0.0.0	Dispositions 0.0.0	Ending 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	
Spheniscus demersus	Jackass penguin	4.3.0	0.0.0	0.0.0	0.0.0	0.0.0	4.3.0	
Amazona versicolor	St Lucia amazon	1.1.6	0.0.0	0.0.0	0.0.0	0.0.0	1.1.6	
Lybius dubius Leucopsar rothschildi	Bearded barbet Bali mynah	0.0.1	0.0.0	0.0.0	0.0.0	0.0.0	0.0.1	
Ailurus fulgens	Red panda	4.3.0	0.0.0	0.0.0	0.0.0	0.0.0	4.3.0	
TOTAL	iveo panua	4.3.0	0.0.0	0.0.0	0.0.0	0.0.0	4.3.0	
* = Group Inventory Count ** = Colony counts include + = Both Group and Colony Included Institutions	d in Row							
[TRAINING] Training								

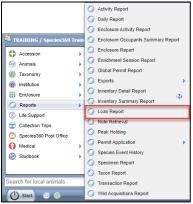
The Inventory Detail Report provides the same six column inventory, but gives you the option to include or exclude animals in or out on loan. In addition to the six columns in the Summary Report, the Detail Report also has a change column. When the report displays, it splits each species into the separate 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	<b>i Repört</b> iort								_ = <b> = _ </b>
		_	_	_	_	_	_		
🕑 Run Report 🛽 🖪	Export For Raw Excel Favourite	e Search Filters	▼ ∅	2					
NOTE: Recently e	entered data may not appear on repo	rts for 180 secor	ıds after it was en	tered.					
Scope				Dis	play Options				
Report Start I		End Date *	_		ort By			nomic Resolution *	
01/01/2022	08/02/2	2022		Т	axonomic Ord	er	▼ Spec	ies	*
Taxonomic So					) Display Taxo	nomic Tree	🔽 In	clude animals Out On	Loan
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Show IUCN O	a CITES Siltons				Include anin	lais Owned And	Onsite 🗹 In	ciude Groups 🤯	
SHOW TOCK O	i CITES FILLEIS					nals In On Loan	🗌 In	clude Group Split / M	erge Transactions
○ Cites ○	Cites EU 🔿 IUCN			Pi	int Type				
	-				A4	◯ Letter			
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< < 1	of 2 > > Export to the	selected forma	t 🕶 Export 🦉						
									<b>_</b>
	Report Start Date		Detailed	Inventory F	eport for		Report E	End Date 🛙 🚳	
	01/01/2022			nimalia / Anima	•		. 08	/02/2022 200	
						Copyrigh	t, Species360, 2022. All ri	ghts reserved.	
	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 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	
	Colonies	0.0.0	0.0.0	0.0.0		0.0.0	0.0.0	0.0.0	
	Leptodactylus fallax Owned And Onsite	0.1.0	0.0.0	0.0.0	0	0.0.0	0.0.0	untain chicken frog 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	; (VU)	0.0.0	0.0.0	0.0.0	
	· · · ·		0.0.0		e (VU) 0				
	Colonies Spheniscus demersus	0.0.0	0.0.0 CITES: I	0.0.0 I/IUCN: Vulnerable		0.0.0	0.0.0	0.0.0 Jackass penguin	

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.





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.

Loan Report		
		۸
🕞 Run Report   Favourite Search Filters 💌 🕅	) 🖬 🔍	
NOTE: Recently entered data may not appear on repo	ts 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 Select All	
08/02/2022	Z Exclude Zero-Count Open Groups 🕐	
Loan Type *	Note Type	
Loan Out (not at your facility, owned	Please 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		
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		A
Report Sta		
01/01/202		
Report Typ		
Training		
Visit His	iH21-00006   Male   Ailurus fulgens / Red panda tory	
Date in 15/08/20	Acquisition - Vendor/Local ID Phy. Own Reported By. Disposition - Recipient/Local ID Phy. Own Date Out 0 Birth/Hatch In In TRAINING / T007 Loan Out To Out - 23/11/2013	
15/06/20	TRAINING2/UNDETERM+	
Sex-Col Hybrid	traception: Male Birth Type: Captive Birth/Hatch tatus: False Birth Location: Training	
Enclosu Sire:	re: Birthdate - Age: 15/08/2010 - 11Y,5M,24D	
Rearing		

#### Read more here:

Husbandry Reports ZIMS Help Document

#### **Back to Topics**

#### 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.

ntifiers	3						() Ac	tions •
	Туре	Identifier	Location/Descriptor	Status	Effective Date	Preferred	Reported By	
G	Local ID	T004	-	Active	28/04/2011	~	TRAINING	
-	Physical characteristics	Short tail	-	Active	09/02/2022	×	TRAINING	
-	Color Marking - Natural	Dark fur patch at top of tail	-	Active	09/02/2022	×	TRAINING	
-	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	



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.

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Sea	rch /	Anim	als By Identifier/GAN		۹ 🗘 🔍	ilter By Instituti	on	<b>P</b>	🗄 Your animal li	sts 💞 🔰 Batch	Measurements	
>>	S	tatistic	CBH21-00004/Ailurus	s fulgens 🛎 🛛 Sea	arch Results 💌	Search Results	×					
	E	Actio	ns for selected animal(s)	\$								
			Preferred ID	Scientific Na	DOB/Establi	Current Encl	House Name	International	Regional Stu	Bands	Тад	Transponder
		$\Theta$	[T004/TRAINING]	Ailurus fulgens	28/04/2011	<u>R2</u>	[Ray/TRAINI		[123/TRAINI			[123 45 6789 🔺
		$\Theta$	[T005/TRAINING]	Ailurus fulgens	06/06/2013	<u>R1</u>	[Bob/TRAINI	[1554/TRAIN				
		$\Theta$	[T0011/TRAINING] [P	Amazona ver	22/03/2015	<u>TB1</u>				[Dark green/		
		$\Theta$	[T0016/TRAINING]	Amazona ver	20/06/2020	<u>TB1</u>		[1585/TRAIN		[Red 53 PO/		
		$\Theta$	[T0010/TRAINING] [P	Amazona ver	16/05/2015	<u>TB1</u>				[White/2018		
	M	4	Page 1 of 1 🕨	🕅 🛛 🔊 Page Si	ize 32 Ct	nange 🜆 🦹						1 - 32 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	Pare	ent Info			
Local ID	[T0037/TRAINING]	D ·	<- Click here for details			
Preferred ID	T0037					
Species	💿 Equus zebra / 💿 Mountain zebra 🛛 IUCN: EN CITES: II	Leng	athe			
Birth Location	Training		<- Click here for details			
Birth Type	Captive Birth/Hatch	-	< click here for details			
③Birth / Age	28/04/2011 / 10 Years 9 Months 12 Days					
Current Collection	Primary Animal Collection	Rear				
Current Enclosure	<u>R2</u>		<- Click here for details			
Health Status	Define Status					
Body Condition Score	Undetermined		onomy / Sex Type / Coll	ection		
· ·			<- Click here for details			
Physical Holder History		Aler	ts			
<ul> <li>&lt;- Click here for details</li> </ul>		▶ •	<- Click here for details			
Ownership Transaction His	story	Ima	qes			
▷ <- Click here for details		4				Actions -
Weights			Thumbnail	Image Title	Created Date	Profile Image
▷ <- Click here for details			> >w	Rump	09/02/2022	×
Contraception						
<- Click here for details			Prev Page of	I Next Page Size 20	Change	

Read more here:

Images ZIMS Help Document

#### Back to Topics

#### 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 <u>available here</u>. <u>More details on the Species360 website</u>.

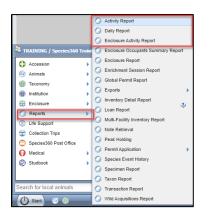
#### Back to Topics

#### 1.4.10 Current Records

"Animal records must be kept current."

#### Husbandry, Enclosure and Life Support Records

You can use the Activity Report, Enclosure Activity Report or Daily Report to show how current your records Husbandry, Enclosure and Life Support records are. You can find all three reports in the Start Menu under Reports.



The Activity Report displays all entries added to ZIMS in the husbandry, including transactions, weights, notes and observations. You can export information for a specific date range, taxonomic scope, enclosure or specific event type. You can export the report to PDF or raw Excel.



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Eve	ent Date		~	Include Enclo	sures Below					
	nt Type									
Ple	ase Select	▼ Sel	ect All	Group By		~				
Ent	ered By			GAN		•				
Ple	ase Select		~							
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	A4	<ul> <li>Letter</li> </ul>								
K	< 1	of 10 📏	Export to the	selected format 🗸	Export 😘 [	21 🔒				<b>^</b>
		Report Star	t Date						Report End Date 🖉 🚳	
		02/08/2021				Activity F	Report		09/02/2022 20	
									Copyright, Species360, 2022. All rights reserved.	
		GAN:		Local/Preferred II	D:	Sex:		Taxonomy:		
		Event:	Enrichment Item		Recorded By:	Species360	Event Date:	19/11/2021	Date Recorded: 19/11/2021	
		Details	: Enrichment Item:	Puzzle Feeder		Training				
		GAN: CB	121-00002	Local/Preferred II		Sex: Male		Taxonomy: Ailurus fulgens	Red panda	
		Event:	Animal Weights		Recorded By:	Species 360 Training	Event Date:	16/12/2021	Date Recorded: 16/12/2021	
		Details	: Live weight: 3.4	kilogram						
		GAN: CB	121-00004	Local/Preferred II	D: T004	Sex: Male		Taxonomy: Ailurus fulgens	Red panda	
		Event:	Observations		Recorded By:	Species360 Training	Event Date:	16/08/2021	Date Recorded: 31/01/2022	
		Details	: Animal Care / M	edical Observation			t foot looking cl	ean and dry. Does not appear t	to be causing any discomfort.	
		Event:	Observations		Recorded By:	Species360 Training	Event Date:	26/08/2021	Date Recorded: 31/01/2022	
		Details	: Management / T	raining/Conditionin			well. Holding in	position for a long time.		
			Observations		Recorded By: 5	Species360	Event Date:		Date Recorded: 31/01/2022	
		Details	: Animal Care / M	edical Observation	(MO): Observer:	Training : Wound on back righ	foot does not	appear to causing discomfort. H	Healing well.	
			Feeding		Recorded By:	Species360	Event Date:		Date Recorded: 19/11/2021	
		Details	: Food Provided:	Apple Quantity Fed		Training Consumed: 5 gram /	mount Left: 0	oram		<b>•</b> •

Use the Enclosure Activity Report to display information recently entered into the Enclosure and Life Support modules. Choose to run the report for your whole institution, specific enclosures or by enclosure lists.

Enclosure Activity Report LearnZIMS_TRAINING_ONLY	
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🕞 Run Report   Favourite Search Filters 🛛 🗸 🛞 🚽 🖓	
NOTE: Recently entered data may not appear on reports for 180 seconds	after it was entered.
Report Start Date *	Enclosure      Enclosure List
02/02/2022	Search For Enclosure
Report End Date *	
09/02/2022	Include Enclosures Below
Event Type	Group By
Please Select V Select All	Enclosure 👻
Responsible Party	
Please Select 💙	
Print Type	
● A4 O Letter	
<	•
I of 1 I Export to the selected format V	Export 😘 👰 🛔
No Animal Enclosure Moves Found	
R2   Exhibit	Enclosure Notes and Observations
Date Note Type	Notes Entered By
08/02/2022 General / Enclosure planned taxa / Planned Taxa Note	Institutions are needed to house this endangered species. Species360 Training We hope to contribute to the managed programme.



Use the Daily Report to run a recent report and show how up to date your records are. The Daily Report displays up to 1 month of daily information from the Husbandry, Enclosure and Life Support modules.

Run Report Favourite Search Filters	× 💿 🖬 🖉			
	pear on reports for 180 seconds after it	was entered.		
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01/12/2021	to 31/12/2021	2		
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Include ambient temperature rang Include note keywords	e for report date 🐝			
	Animal O Enclosure O Enclosur	e List 🔿 Life Support System 🔿 Life Supp	ort System List O Component O Comr	nonent List
Animalia / Animals 31	P			
Include Taxon Below				
Non-ZIMS Information 📀				
Animal Event Types				
Unselect All				
Animal Events	Weights/Lengths	Notes & Observations	Development Milestones/Life Stages	
Enclosure Moves	Feed Log	Exclude notes from other grid	is 🗹 Enrichments	
Identifiers	Training	Sex Type/Contraception	Animal Checklist Item	
Care & Welfare		Rearing		
				· · ·
( < 1 of 4 ) E	export to the selected format 💙 🛛 🛙	Export 🧐 🔜 🛢		
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Enclosure		export 🧐 📓 🛢		^
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Enclosure N 01/12/2021 T0021 M Enclosur T	foves ountain ohloken frog / Leptodacty/us fa s Reson Aptio Managament More Out	War   CBH21-00018  Anna moved mon training to H1 due to served changes. And mini traveled and settid well.	Enclosure: TB2 Responsible Party Recorded By Keeper 1 Speciesseu Training	
Enclosure M 01/12/2021 T0021 M Enologu	foves ountain ohloken frog / Leptodacty/us fa s Reson Aptio Managament More Out	Nax   CBH21-00016 n Nobs Arman Invoices Transming to H1 due to same changes. Animal travelled and settide well. In Animal movied to the birt for bure and given access to both TB1 and TB2 through an open hatch. Animal traveled and settide well and hear	Enclosure: TB2 Responsible Party Recorded By Kapper 1 Space3eu Training Keeper 1 Space390 Training	
Enclosure N 01/12/2021 T0021 M Enclosur T	Toves sountain chloken frog / Leptodiacty/lus fa Rescon Actio Management Actio Disposition Move preparation Disposition Move	Nex   CEH21-00019 A Notes Arimat moved from training to K1 due to seried change. Animat traveled and settled well. In Arimat moved to the train house and given access to both 181 and TEB training. been seen eating in both sides of the enclosure in Animat moved to the training and the training and the training	Enclosure: TB2 Responsible Party Recorded By Kapper 1 Spichastau Training Keeper 1 Species380	
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Enclosure M <u>BiH22021</u> <u>T0021   M</u> <u>Enclosure</u> <u>T0021   M</u> <u>Enclosure</u> <u>T0021   M</u> <u>TB2</u> <u>Identifiers</u> <u>No data four</u> <u>Training</u> <u>15412021</u> <u>T004   Rev</u> <u>T004   Rev</u> <u>T004   Rev</u> <u>T004   Rev</u>	Ioves Sountain chloken frog / Leptodiacty/lus fa Rescon Actio Responsition Move preparation	Max   CEH21-00018     Anna rowat from training to H1 due to same changes. Anna rowat from training to H1 due to same changes. Anna rowat from training to H1 due to same backs to both TB1 and TB2 through an open hatch. Anna traveled and satisfied well and has the Anna moved to the bir chause and given access to both TB1 and TB2 through an open hatch. Anna traveled and satisfied well and has been seen eating in both sides of the enclosure extension traveled and satisfied well and has been seen eating in both sides of the enclosure extension traveled and satisfied well and has been seen eating in both sides of the enclosure extension traveled and satisfied well and has been seen eating in both sides of the enclosure extension traveled and satisfied well and has been the traveled and satisfied well and has been seen eating in both sides of the enclosure extension the traveled and satisfied well and has been the traveled and the both the top well and the both well and the traveled and the both well and the bo	Enclosure. TB2 Responsible Party Records By Kapper 1 Species380 Training Keeper 1 Species380 Training Keeper 1 Species380 Training Individual Male Enclosure. R2 Trained By Records By	
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#### 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_ONI	Y			_			Help M	lenu 🗸 🗖 🗖
😁 New 🗸   🔪 Edit   💢 Delete   📃 Manage /	Animal Lis	its 🗸 🛛 🧬 Reload medical lis	t   🌹 Export medical lis	st   💋 Medical Rep	orts - Medical Apps - 📵 Sample Storage			🔞 My Ca
Dashboard 🤣		Animal	(5 Records)	Date	Details	Responsible Staff	😂 🛛 Basic Info	
Select animal to see detail	∃ 09/	02/2022					Identifiers	GAN:CBH21-00005
Records	E	T0026 / Bearded barbet /	CBH21-00021	09/02/2022	SOAP: Test	Species360 Trai	Local ID	T005
Clinical notes (1) Diagnoses & Procedures Prescriptions/Treatments (2)	• 0	T005 / Red panda / CBH2	1-00005	09/02/2022	Inflacam (15 mg/ml Liquid) (Meloxicam) 2 mg twice a day (bid) for 2 doses Oral (p.o.)	Species360 Trai		Bob
	• (	T005 / Red panda / CBH2	1-00005	09/02/2022	Inflacam (15 mg/ml Liquid) (Meloxicam) 5 mg once a day (sid) for 6 doses Oral (p.o.)	Species360 Tral	Current Enclosure	<u>R1</u>
Samples	0	T005 / Red panda / CBH2	1-00005	09/02/2022	Necropsy: Case #: ~ Necropsy report: ~		Sex	Female
Z Tests & Results	■ 07/	02/2022					Scientific Name	
Anesthesia (1)		T005 / Red panda / CBH2	1-00005	07/02/2022	Pending completion (no rating/recovery data provided; no effects or milestone	Keeper 2	Common Name Birth	Red panda 06/06/2013
Physiological measurements								8Y 8M 3D
Diagnostic imaging							Arrival	06/06/2013
9							Owner 👞	TRAINING

#### Read more here:

- Husbandry Reports ZIMS Help Document
- Medical Reports ZIMS Help Document

#### Back to Topics

#### 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.



animal with the other institution. Record sharing institution has shared the incurca records of the specific animal with the other institution. Record sharing is most commonly associated with animal moves between institutions, allowing both for sharing information prior to confirming a transaction and viewing the medical history of an animal once it has moved to another institution. The types of medical records shared/viewed is controlled by the minimum common level of medical record sharing chosen by each institution; you will never see more record types than you are willing to share. Species360 supports 3 different levels of record sharing. The receiving institution can only view, never edit, the historical 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 1				> 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			

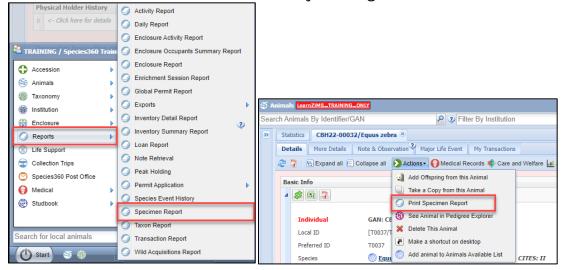
You can share records for a whole taxon, e.g., for an entire species or class, or share a single record within the External Sharing grid in the My Institution tab in the Institution module. This grid will display all records your institution has shared. You can also export your full list of shared records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

Ext	ernal Sharing								
⊿	A 2 📓 🖓 Show search form								
	Institution	Animal	Taxonomy	Record Type	Details	Created Date	Created By		
	WUPPERTAL		Mammalia/Mammals	Medical, Husbandry		Feb 10, 2022	Species360 Member Support		
	VALLEYZOO	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.

Specimen Report: _TRAINING_ONLY					_ = <b>_</b> ×
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E Run Report Favourite Search Filters	· · · · · · · · · · · · · · · · · · ·				
Report Scope					
Animal(s)*					
GAN: CBH21-00004/Ailurus fulgen	15 × 2				
Report Start Date * Report E	ind Date *				
01/01/1800 3 10/02/2					
- Optional Sections			d 		
Select All					
Geletichi					
Identifiers	Permits	🗹 Enrichn	nent Item		
Sex History	🗹 Live Weight Graph	🗹 Enrichn	nent Session		
Parents	Live Weight Units	Alerts			
	gram 💙	_	e Notes and Observations		
Rearing	🗹 Animal Weights	_	e Notes and Observations		
Contraception	Animal Lengths	Notes			
🗹 Life Stage		Observa	ations		
Development Milestones	Training	🗹 Grou	up History Notes		
Enclosure History	Training Sessions	🗆 Exd	ude notes from other grids		
Management Plan	Feed Log		ypes / Note Sub Types (W		
Management Plan				*	
<b></b>					•
	port to the selected format 💙 🛙 E	xport 💁 👰 🚔			A
	Spe	ecimen Report		S 💿	
	-	Local ID: TRAI	NING / T004	20	
	Species360 CBH21-00004 GAN			ω <b>Ο</b>	
	Ailurus fulgens Studbooks	Red panda			
	Order Carnivora	Family Ailurid	зе		
	IUCN Endangered (EN) Start Date 01/01/1800	CITES I End Date 10/02/2022	Consticht	, Species360, 2022. All rights reserved.	
Basic Animal Informati				Differences Found	
Sex - Contraception Mal		Alive		Differences round	
	04/2011 - 10Y,9M,13D Preferm ining Rearing		T004		
Birth Type Cap	ptive Birth/Hatch Hybrid	Status Not Hybrid			
TOO		T001)	)1 (TRAINING /		
Current Collection Prin Clutch / Litter	mary Animal Collection Collect Enclos	<u>ion Trip</u> ure R2			
Visit History					
Date in Acquisi			sition - Recipient/Local ID	Phy Own Date Out	
28/04/2011 Birth/Ha Identifiers	iun in in	TRAINING / T004			
Reported By Effectiv TRAINING 09/02/2			Status Comments Active		
1104111105 08/02/2	022 Regional AZA/12 Studbook Number		-Add 2		_ <b>-</b> •



You can export a complete medical history form 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	Trainir	ıg	
Accession	Þ	😱 Logout	
less Animals	•	Switch Institution	Comulate Madical Ulisters
Taxonomy	Þ	🔅 My Preferences	Complete Medical History
Institution	•	Global Resources	Medical Caseload Management Report
Enclosure	•	🤔 Tools	🥥 Calendar Items Report
Reports	•	Security Tools	Anesthesia Summary Report
Life Support		Recent	🥥 Sample, Test & Result Report 🔹 🕨
Collection Trips		Dalazoa Notao	Weight Monitoring Report
Species360 Post Office	- 1	Medical Records	Oaily Medical Activity Summary Report
Medical	Þ	Medical Resources	Pathology Case Report
Studbook	-	🕗 Medical Reports 🛛 🕨	O Unresolved Medical Issues Report
Studbook	1	Pharmacy Inventory	Active Prescriptions/Treatments Report
		Sample Storage	Medical Metrics Report
Search for local animals		Oictionary	Clinical Note File Copy Report
🕐 Start) 🥌 🍈		🤨 Test Upload	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.

							_
precented	l History						
Run Report	Favourite Search Filters	🖌 🔘 📮 🖓					
OTE: 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	es 🔽 Diagnoses & Proce	dures 🔽 Treatments/	Prescriptions 🔽 Samples 🔽	Tests & Results 🛛 Anesthesia 🔽 Physiological meas	surements 🔽 Pathology	/	
						SPECI	ED
			Medical History Repo	ort for All Record Types		36	0
Animal Type	GAN	Preferred ID	Taxonomy		Sex	Birth Date	
Individual		T005	Ailurus fulgens/Red panda			oc loc loc vo	
Individual	CBH21-00005	1005	Allurus fulgens/Red panda		Female	06/06/2013	
Individual	CBH21-00005	1005	Allurus fulgens/Ked panda		Female	06/06/2013	
	CBH21-00005	1005	Ailurus tulgens/Ked panda		Female	06/06/2013	
09/02/2022		1005	Ailurus tuigens/ked panda		Female	06/06/2013	
09/02/2022 Prescription/		1005	Ailurus fuigens/ked panda		Female	06/06/2013	
09/02/2022 Prescription/	Treatment		Ailurus tulgensi ked panda			06/06/2013	
09/02/2022 Prescription/ Basic Info Date Writte Start Date	Treatment	9/02/2022 9/02/2022 00:00	Ailurus tulgensi ked panda	Weight Info Date Heasurement Value	09/02/2022	06/06/2013	
09/02/2022 Prescription/ Basic Info Date Writte Start Date Prescribed I	rreatment n 0 By 5	9/02/2022 9/02/2022 00:00 pecies360 Training	Ailurus tulgens/ked panda	Date Measurement Value Estimate		06/06/2013	
09/02/2022 Prescription/ Basic Info Date Writte Start Date	Treatment n 0 By 5 For 1	9/02/2022 9/02/2022 00:00 pecie350 Training animal	Ailurus tulgens/ked panda	Date Measurement Value	09/02/2022 3.4 kg	06/06/2013	
09/02/2022 Prescription/ Basic Info- Date Writte Start Date Prescribed I	Treatment n 0 By 5 For 1	9/02/2022 9/02/2022 00:00 pecie350 Training animal	Ailurus tulgensi ked panda	Date Measurement Value Estimate	09/02/2022 3.4 kg No	06/06/2013	
09/02/2022 Prescription/ Basic Info- Date Writte Start Date Prescribed I	Treatment  To 0  Treatment  Treatment  tail	9/02/2022 9/02/2022 00:00 9/02/2022 00:00 pecies360 Training animal		Date Measurement Value Estimate	09/02/2022 3.4 kg No	06/06/2013	
09/02/2022 Prescription/ Basic Info Date Writte Start Date Prescribed I Reason For	Treatment  To 0  Treatment  Treatment  tail	9/02/2022 9/02/2022 00:00 pecie350 Training animal		Date Measurement Value Estimate	09/02/2022 3.4 kg No	06/06/2013	

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.

Medical Records <a href="https://www.esthical.com">LearnZIMS_TRAINING_ONL</a>	Y		_	
😁 New 🗸 🖹 Edit 🛛 🗶 Delete 🛛 🖽 Manage A	nimal Lists 🔹 🍣 Reload medical list	😨 Export medical list	Medical Repo	orts≖ Medical Apps≖ (
Dashboard 😲	Animal	(5 Records) D	)ate	Details
Select animal to see detail	∃ 09/02/2022			
Records	😑 👩 T005 / Red panda / CBH21-	00005 0	9/02/2022	Inflacam (15 mg/ml Liquid) (Meloxicam) 2 mg twice a day (bid) f
a 🔄 T005/Ailurus fulgens/	😑 🚯 T005 / Red panda / CBH21-	00005 0	9/02/2022	Inflacam (15 mg/ml Liquid) (Meloxicam) 5 mg once a day (sid) fo
Clinical notes	🔾 🍈 T005 / Red panda / CBH21-	00005 0	9/02/2022	Necropsy: Case #: ~ Necropsy report: ~
<ul> <li>Diagnoses &amp; Procedures</li> <li>V B Prescriptions/Treatments (3)</li> </ul>	□ 07/02/2022			
C Samples	D05 / Red panda / CBH21-	00005 0	7/02/2022	Pending completion (no rating/recovery data provided; no e
✓ Tests & Results ✓ Anesthesia (1)	⊒ 25/11/2021			
Necropsy/Biopsy (1)	😑 👩 T005 / Red panda / CBH21-	00005 2	5/11/2021	Inflacam (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
- Medical Reports ZIMS Help Document
- Medical Dashboard ZIMS Help Document

#### Back to Topics

#### 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.

Search	Taxonomy Held By	Taxonomy Held By CALGARY, AZA: 50 Studbooks								
Search taxonomy Q	Studbook Name	Studbook Keeper	Studbook Keeper Email	Studbook Keeper Institution	Scope	Living Animals	Curren t Holder s	IUCN Status		
Include below	[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 X	Bison, American (Plains) (Bison bison)	Mollye Nardi	mnardi@gpzoo.org	SIOUX FAL	AZA	2590 (1217.1210.163)	332	Near Threatened (NT)		
User Assigned ● Name ○ Institution	Cat, Pallas's (Otocolobus manul)	Scott Kayser	skayser@birminghamz oo.com	BIRMINGHM	AZA	56 (32.24.0)	20	Least Concern (LC)		
Search people User Title	Colobus, Eastern Black- and-White (Colobus guereza)	Kesha Schreiber	kschreib@springfieldm o.gov	DICKERSON	AZA	206 (97.108.1)	53	Least Concern (LC)		
Please Select -	Crane, Grey-crowned (Balearica regulorum)	Ryan Weber	ryan.weber@toledozoo .org	TOLEDO	AZA	277 (124.136.17)	79	Endangered (EN)		
Please Select	Crane, Whooping (Grus americana)	Sprina Liu	sprina.liu@dallaszoo.c om	DALLAS	AZA	295 (151.139.5)	23	Endangered (EN)		
D Reset   Image: Graph     Q Search   Image: 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

**Back to Topics** 

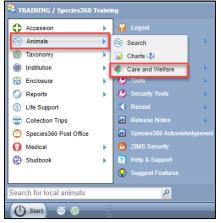


#### 1.5 Animal Welfare, Care and Well-being

#### 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							
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	~	×	×	×	<ul><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li></ul>
2	Red Panda		Species360 Training	14/02/2022	~	×	×	×	<ul><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li></ul> <li></li>
	Tropical birds		Species360 Training	14/02/2022	~	×	×	×	<ul><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li></ul>

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).





	Spheniscus der	mersus/Ja	ickass	s penguin/CBH2	2-00031 ×	Animal Detail			Switch to graph	view
Filter by	/ Name		Created by							
	15/1/2022	<b>#</b>	То	14/2/2022	<b>**</b>		ion with envire	D × 🔻		
Date	<b>.</b>	Time	Cat	egory	Indicato	r	Value Category or l	Scale	Observed By	
2022-02-0	1		Beha	avior		l/undesired	3		Species360 Training	/
2022-02-0	1		Beha	avior	Excessiv	e vocalization	0	0/1	Species360 Training	1
	5 From 2 Date 2022-02-04	5	From 15/1/2022 Date  Time 2022-02-04	From 15/1/2022  min	From 15/1/2022	From 15/1/2022  To 14/2/2022  Date  Time Category Indicato 2022-02-04 Behavior Abnorma behavior	From 15/1/2022  To 14/2/2022  Interact t3 Date  Time Category Indicator Filter by 2022-02-04 Behavior Abnormal/undesired behaviors	From     15/1/2022     To     14/2/2022     Interaction with environment of the environment o	From 15/1/2022  To 14/2/2022  Interaction with enviro  +3 Filter by Category Indicator 2022-02-04 Behavior Abnormal/undesired behaviors	From     15/1/2022     To     14/2/2022     Interaction with enviro       Date     •     Time     Category     Indicator       2022-02-04     Behavior     Abnormal/undesired     3     Species360 Training behaviors

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		
Export More_Options	Export Care and Welfare Data	×
🙀 Chart	2	
Export 1	Start Date <sup>*</sup> 1/1/1800 🗰 End Date <sup>*</sup> 14/2/2022 🗰	
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	Add another	
	Indicators * 🥹	
	Abnormal/undesired behaviors ×) +6	•
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1 Care and Welfare									_
2	T								
3 Printed on: 14/02/2022									
4									_
5 Entity Name	Scientific Name	Date of measurement	Indicator	Value	Scale	Indicator Note	Note	Observed By	
6 T0030	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training	
7 T0031	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training	
8 T0032	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training	
9 T0033	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training	
10 T0034	Spheniscus demersus	2022-02-01	Abnormal/undesired behaviors	2	#	-	-	Species360 Training	
11 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.

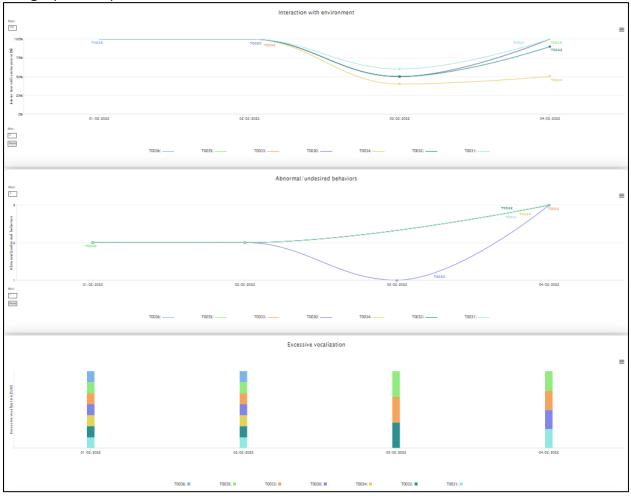


The Animal Graphing Tool lets you graph multiple animals at the same time to compare their welfare and wellness. Choose your date range (1) and your animals (2). In the Measurement Type (3), choose all of the Care and Welfare categories. Then, because we have chosen multiple animals, we can choose to 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		_ = <b>=</b> <mark>×</mark>
Favorite Filters Please Select 💽 🏟 🖺 🖉 Feature Upd	sted!	▲ Toggle Search Pane
Date Range*		
1/2/2022 🛍 4/2/2022	<b>*</b>	
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: * <ul> <li>Animal  <ul> <li>Measurement Type</li> </ul> </li> <li>Show Graph</li> </ul>		

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





#### Read more here:

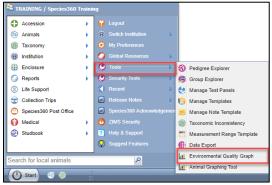
<u>Care and Welfare ZIMS Help Document</u>

#### Back to Topics

#### 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 too 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

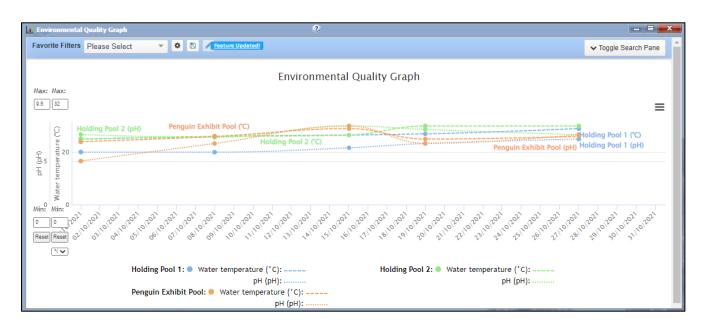


Choose your date range (1) and your enclosures, life supports or components (2). You can use the magnifier glass to search for items here, or look for entities under a specific responsible party. Choose your Measurement Types (3) then choose to either Show Graph, or Export straight to Excel.

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

#### Show Graph:





#### Export to Excel:

	Α	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	pH		
7	2021-10-15	00:00:00	Holding Pool 1	6.5	pH		
8	2021-10-19	00:00:00	Holding Pool 1	7	pH		
9	2021-10-27	00:00:00	Holding Pool 1	7.5	pH		
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	pH		
15	2021-10-08	00:00:00	Holding Pool 2	7.7	pH		
16	2021-10-15	00:00:00	Holding Pool 2	9	pH		
17	2021 10 10	00-00-00	Holding Dool 2	8.6	nH		

#### Read more here:

• Environmental Quality Graph ZIMS Help Document

#### **Back to Topics**

#### 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.

Institution Search     LearnZIMS_TRAINING		_ <b>=</b> ×
Global Institutions	💠 Add New 😡 My Institution	
Institution Statistics My Institution		
Details		
😌 Expand all 😑 Collapse all 🛛 🙀 Animal Statistics 🛛 😫 Contact Directory 🛛 💥 Measureme		
Circk field for details		
Medical Roles 🛛 🖓	Collections	
Click here for details	4 🤁 🕅 🏹   Show search form	🔊 Actions 🗸
	Name Type Scope	Active
	Incomplete Accessions Incomplete Accession Local	×
	Primary Animal Collection Main Collection Global	×
	Wild Pathology Research Local	×
	🛛 🕅 🗐 Page 🚺 of 1 🗼 🕅 🖓 Page Size 👥 20 Chang	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 LeemZIMS_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         Major Life Event         My Transactions           Details         More Details         Note & Observation         Major Life Event         My Transactions           27         Expand all E Collapse all         Actions         Medical Records         Care and Welfare         Lt Anim	mal Graphing Tool
Received Dead      My Institution Details     Local ID •      Responsible_Party     T0038	Date	
Collection Primary Animal Collection V Enclosure Training X	€ 28/04/2011 A 00:00 €	Collection Change

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								
<b>«</b>	Run Report 📓 Export For Raw Excel	Favourite Search Filters	🖌 🎯 🖪 🤅	Q.				
Animal Simple Search 🔺	NOTE: Recently entered data may not app	ear on reports for 180 seconds	after it was ent	ered.				
Favourite Search Filte 🗙 🛞 🛃 🖓	Taxonomic Scope *		Include Gro					
Global O Local	Animalia / Animals 🗙 🔎			Jups				
	Taxonomic Resolution *		🗌 Include Gro	oup Split / Me	rge Transactions			
All Animals	Species		Collections					
Current Animals			Primary Anima	al Collection,	1 🕶			
	Report Start Date * Report End Date		Print Type					
Owned and On Site	01/01/2022 🖸 08/02/2022			0				
Owned, but Off Site	Physical or Ownership		A4	0	Letter			
On Site, but not Owned	Physical 👻							
on site, but not owned	Sort By							
Local ID ③	Taxonomic Order							
Institution 🔇	K 1 of 1 >	port to the selected format $ imes$	Export 😏	i 😫 🗎				
Filter By Institution								
Taxonomy 🔇	Report Start Date	Sum	mary Inve	ntory Rep	oort For		Report End	Date 🛙 🌀
Filter By Taxonomy	01/01/2022		Animalia	a / Animals			08/02	/2022 2020
Current Collection		Report Type:	Physic	cal		Consciential Cons	cies360, 2022. All rights	
	Taxonomic	Common Name	Beginning	Births	Acquisitions	Deaths	Dispositions	Ending
Please 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	Spheniscus 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>

#### **Back to Topics**

#### 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

#### **Back to Topics**

#### 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".* 

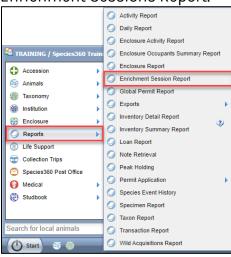
Enrichment can be recorded on an animals record within the Enrichment grid. Here you can assign items to an animal/group, and add sessions to record an animals interaction



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 Ai	nimals B	y Identifier/GAN	Q	Filter By Institution	P I I Your anim	al lists 📲
>>	Sta	tistics	I5522-01247/126/Leucopsar	rothschildi 🗵			
	Det	tails M	ore Details Note & Observat	ion <sup>2</sup> Major Life	e Event My Transactions		
	2	7   🖽	Expand all 🔚 Collapse all				
	En	richment					
	⊿	8	Show search form				Actions -
		_	Enrichment Item Name	Category	Goal	Date Assigned	Sessions
		G	Box, cardboard	-	Increase Behavioral Repertoire, Behavior	09/11/2021	5 Sessions Recorded view/edit
		G	scent, lavender	-	Enclosure Usage, Behavior	04/10/2021	3 Sessions Recorded <u>view/edit</u>
		G	scent, peppermint	-	Behavior, Enclosure Usage	04/10/2021	1 Session Recorded view/edit
		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	rt	
		۲
Export For Raw Excel	avourite Search Filters 🛛 🗸 🛞 🛃 🖓	
NOTE: Recently entered dat	ta may not appear on reports for 180 seconds after it was entered.	
Taxonomy * 🔿 Anim	al(s) *	
Animalia/Animals ×	$\boldsymbol{\varphi}$	
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.

	SAN	Proferred ID	Taxonomy: Scientif Sex	Enrichment Item	Errichment Cotogo		Seccion Date	Time Gires	Time Removed	Derstion Of Animal	Precentation		Service Goal	Section Roting	Dotsile	Provided By	Flogged For Roodj		Animal Type			Enclosero	
	\$\$14-00205	2632	Sciaenochromis ahl Undetermined			Behavior, Enclosur		0130	03:00			Positive				corgi test Nolan		WW2016 12:00:00 /		Indeterminate	12/6/2013 12:00:0		
5 B	\$\$14-00208	2632	Scisenochromic shi Undetermined	Bull	Schoory	Behavior, Enclosur	07/01/2016	11:15	19:45			Positive				corgitect Nolun	Falco	1/1/2016 12:00:00 /	Individual	Indeterminate	12/6/2013 12:00:0	.0	
	\$\$14-00208	2632	Scisenochromic shi Undetermined			Behavior, Enclosur		17:15	01:15	3600 hour		Positive		Moderately Succes	This is an example (	corgi test Nolan		1/1/2016 12:00:00 /		Indeterminate	12/6/2013 12:00:0		
5 B	\$\$14-00208	2632	Sciaceochromis and Undetermined	Bell	Scedory	Behavior, Enclosur	10/05/2016								test			1/1/2016 12:00:00 /			12/6/2013 12:00:0		
6 B	\$\$14-00198	MAM0	Micganus angailtic Male	Shork		Biological, Other E	8 02/06/2016	00:30	00:45	300 minute		Pozitive		Highly Succeptul		Michele Mozez	Falco	6/1/2016 12:00:00	Individual	Captive Birth/Hotel	10/15/2013 12:00:0	0 Michele's home 10	gal Aquarium
	\$\$14-00208	26.92	Sciaenochronis ald Undetermined	Feathers	Sensory		01/02/2017						•				False		Individual		12/6/2013 12:00:0		
0 8	\$\$16-00354	abh1	Maz mazcalaz / Hor Female	browze Dogwood		<b>Biological</b> , Increase	< 15/02/2017									Addaide TNT	Falco	2/1/2017 12:00:00 .	Individual	Captive Birth/Hotel	8/6/1909 12:00:00	) Species360	
9 8	\$\$16-00354	ebh1	Mas musculas / Hor Female	Ball	Sensory		15/03/2017	0100	02:30	5400 hour						Nolas Harvey	False	1279/2016 12:00:00	Individual	Captive Birth/Hotel	8/6/1909 12:00:00	3 Species360	
0 8	\$\$13-00121	11001	Caphotilapia fronte -	Bull	Schoory	Behavior, Encloser	02/05/2018										Falso		Group of Asimola	Indeterminate	10/27/2011 12:00:0	J Front Figh Tunk	
1 8	\$\$16-00354	obb1	Max musculas / Hor Female	chair	Social		11/07/2018								topotpet	Eriks Freek	Falco	12792016 12:00:00	Individual	Coptive Birth/Hotel	8/6/1909 12:00:00	ð -	
2 8	\$\$17-00441	Phoebe Buffae	Poccilia reticulata / Female	Del.	Sendery	<b>Biological</b> , Increase	17/03/2018					Not Observed		<b>Highly Successful</b>	carickment peppion	Kin Larson	False	3/17/2018 12:00:00	Individual	Indeterminate	2/17/2017 12:00:00	5.	
0 0	\$\$12-00016	MAM2	Panajo oblongs / L. Undetermined	Aromatic oile	Sencory		02/07/2019									Nolas Horver	Falco	6/4/2019 12:00:00	Individual	Undetermined	7/2/2011 12:00:00	Michele's home 10	col Acessian
4 8	\$\$20-00373	KIM07233	Hedrochoeras hedr Female	Dal	Sensory		10/12/2020	00:30	0130			Positive				Kin Larson	False	12/10/2020 12:00:0	Individual	Undetermined	12/1/2020 12:00:0	(·	
5 6	\$\$12-00005	Whitney	Betta / Betta Male	Ball	Sengery		11/03/2021	00:15	01:15			Pozitino				Kin Larzon	Falco	3/19/2021 12:00:00	Individual	Indeterminate	2/20/2012 12:00:0	ð -	
96 B	\$\$21-01066	BUDDY	Perameles quoii / E Male	54I	Sensory	Behavior, Enclosur	14/05/2021	00:45	02:30			Not Observed				Kin Larson	Palce	5/14/2021 12:00:00	Individual	Captive Birth/Hatel	4/1/2021 12:00:00	Species360	
17 B	\$\$21-01038	48	Ara naceo / Scarlet Female	Bell	Scepory	Behavior, Encloser	23/06/2021	00:15	00:30						test note added to	Kin Largon	False	6/22/2021 12:00:0	Individual	Wild Birth/Hetch	2/1/2021 12:00:00	1	
12 12	\$\$12-00005	Whitney	Betts / Betts Male	B4I	Sencory		28/07/2021	00:00	00:00			Evaluation sugative				Kin Larcon	Falco	3/19/2021 12:00:00	Individual	Indetormissto	2/20/2012 12:00:0	ð -	
19 B	\$\$21-01117	KIM6300	Paracheirodon and -	green cup			28/07/2021	00:00	0115							Kin Larson	False		Group of Asimals			Front Fish Tunk	
20 8	\$\$12-00005	Whitney	Botts / Botts Male	Bul	Sencory		28/07/2021	12:15	13:15			Avoids iton				Kin Larzon	Falco	3/19/2021 12:00:00	Individual	Indetormissto	2/20/2012 12:00:0	٥.	
1 8	5521-01120	21-105	Hedrochoeras hedr Female	Aromatic oils	Sensory	Behavior, Enclosur	1505/10/65	00:15	01:45			Positive				Kin Larson	False	7/28/2021 12:00:0	Individual	Captive Birth/Notel	5/V202112:00:00	enclosure 1	
22 8	\$\$21-01007	44	Mores baccavas / / Undetermined	Aromatic oile	Schoory		20/03/2021							Highly Successful		Elizabeth Hunt	Falzo	1/1/2021 12:00:00 /	Individual	Coptine Birth/Hotel	2/18/2021 12:00:0	( Species360	
2 8	\$\$21-01147	105	Carappies awates a Undetermined	Aromatic oils	Sencory	Facilitate chifting, I	1 06/12/2021					Acknowledged iter	distrollamolBelov	Moderately Succes	tecting	Matthew Sherry	Falce	12/6/2021 12:00:00	Individual	Captive Birth/Hotel	5/2/2021 12:00:00	3 Species360	
24 B	\$\$22-01247	126	Loscoppor rothochi Female	Box, cardboard		Behavior, Increase	15/12/2021									Hannah Joniting	False	193/2021 12:00:00	Individual	Captive Birth/Hytel	1/10/2020 12:00:0	C Species360	
5 1	\$\$22-01247	126	Loucopeur rothechi Fenale	Box, cardboard		Behavior, Increase	1 21/12/2021									Hannah Junking	Falco	195/2021 12:00:00	Individual	Coptive Birth/Hotel	1/10/2020 12:00:0	(Specier360	
6 B	\$\$22-01247	126	Lescopsar rothschi Fenale	Box, cardboard		<b>Behavior</b> , Increase	24/12/2021									Hannah Jenking	False	1VM202112:00:00	Individual	Captive Birth/Notel	1/10/2020 12:00:0	C Species360	
27 8	\$\$22-01242	123	Turziopz trancstuz Fonsis	Bul	Seneory		05/01/2022	00:30	01:15							Kin Larzon	Falco	1/5/2022 12:00:00	Individual	Coptine Birth/Hotel	1/5/2022 12:00:00	King enclosure 5	
2 E	\$\$22-01247	126	Leucopsar rothschi Fenale	scent, lovender		Behavior, Enclosur	12/01/2022									Hannah Jenking	False	10/4/2021 12:00:00	Individual	Captive Birth/Hotel	0.00.51 0505/01/1	C Species360	
9 8	\$\$22-01247	126	Loscopour rothachi Fonale	point, papporniat		Behavior, Encloser	13/01/2022									Hannah Jonking	Falco	10/4/2021 12:00:00	Individual	Captine Birth/Hotel	1/10/2020 12:00:0	C Species360	
10 2	\$\$22-01247	126	Lescopetr rothschi Fenale	ocent, lovender		Behavior, Enclosur	20/01/2022									Hannah Jonking	Falce	10747202112:00:00	Individual	Captive Birth/Hotel	1/10/2020 12:00:0	C Species360	
и В	\$\$22-01247	126	Lescopear rothschi Female	point, lavender		Behavior, Enclosur	30/01/2022									Hannah Jonking	False	10/4/2021 12:00:00	Individual	Captive Birth/Hatel			
2 8	\$\$22-01247	126	Loucopeur rothachi Fenale	Box, cardboard		Behavior, Increase	1 30/01/2022									Hannah Junking	Falco	195/2021 12:00:00	Individual	Coptive Birth/Hotel	1/10/2020 12:00:0	( Specier360	
33 E	3322-01247	126	Lescopsar rothschi Fenale	Box, cardboard		Debasion, Increase	01/02/2022									Hannah Jonkins	False	IV:N2021 \$2:00:00	budiational	Captive Birth/Hatel	1210/2020 12:00 0	C Species360	

#### Read more here:

Enrichment ZIMS Help Document

#### Back to Topics

#### 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.



기분	Statistics										
		Statistics Animal Training Definitions Search Results (#) CBH21-00004/Ailurus fulgens (#)									
	Details	M	ore Details	Note & Observ	vation 🎱 Major Life E	Event My Transactions					
2	2 😨	€⊒ E	Expand all	Collapse all							
	Testala	- 7 - 1									
			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 (view/edit)			
		G	Injection	TRAINING	Maintaining (1 record)	19/11/2014 / -	Health Care	No Sessions Recorded (add new)			

#### Read more here:

• Training ZIMS Help Document

#### **Back to Topics**

#### 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.





Collection Trips				
Collection Trip 💌 📫 Ad	Id 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				
Taxonomy				
Taxonomy 🔎				
Start Date Range       From Date       To Date				
End Date Range				
From Date 🔹 To Date				
Trip Lead				
Please Select				
Geographic Area				
Please Select 👻				
Country				
Search for Country				
🕫 Reset 🔍 Search	🕅 🔍 Page 1 of 1 🕨 🕅	Page Size 20 Cha	nge 🔠 🎝	1 - 1 of

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

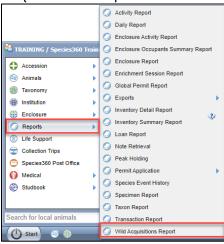
ction Trip	👻 📫 Ac	dd New Collection Trip							
Partula Programm	e 2022 🗵								
Details									
Refresh 🖽 Expa	ad all E Collanse a	-11 🎮							
Refresh Expa	nd all E Collapse a	all 🔐							
Basic Info						p Personnel			
4 🍣 🖾 🤰				Actions •	⊿	2 🔤 🏅			Actions
Name	Pa	artula Programme 2022				Responsible Party	In	stitution	Trip Role
Start Date	0:	1/02/2022				Keeper 1	TR	AINING	Participant
End Date	04	8/02/2022				Species360 Training	TR	AINING	Supervisor
Trip Lead	S	pecies360 Training							
Collection Trip Lo	cation								
4 🍣 🕅 🏅									Actions
Geographic	Geographic Area Country		State / Location		Location Modifier		Water Type Coor		Coordinates
		French Polynesia					~		Altitude:
Collection Trip Ve	hicle List								
4 2 🕅 🏹									Actions
Webiele New	_		Trees		<b>C1</b> - <b>1</b>		V-bid- Owner		
Vehicle Nam	e		Туре	No rec	Status		Vehicle Owner		
				No rec	cora i	ound			
Collection Trip Pe	rmits List								_
4 2 🕅 🎝									Actions
Name	Туре	Issuing Author	ity	Status			Effective	Date	Expiration Date
TESTPERMIT	Possession	n CITES			Granted/Issued (Final)-Unconditional		28/04/2011		Indefinite
Collection Trip Ac	cession Log								
4 2 🕅 🏹	-								Actions
Outcome	Method	Entity Accession	Taxor	NOTIVY (	Sex/C	ount Local ID		Country	/State/Location
Outcome	riculou	Entity Accession	10,01	ioniy :	JCATU	Local ID		country/	State/Location



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

😫 Individual Animal Collected From Wild	
🕞 Save 🛛 🚽 Save & Repeat   🌮 Reset 🛛 Favourite Accession Template 🛩	🐵 🖬 🔊 🍳
Please Select Add New Clutch/Litter ID	Please Select <ul> <li>Please Select</li> <li> </li></ul>
Collection Information	Record Rearing Information 3
Collection Date *	Birth Information
Collection Method Collection Trip Partula Programme 2022	Birth Date *
Collection Location Select One 1. Partula Programme 2022	Birth Type * Wild Birth/Hatch
Search for Country Piease Select	Birth Location
Location Modifier Water Type	Institution     Geo Location

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.



Vild Acquisitions Report	- = =
🕑 Run Report 🛛 Favourite Search Filters 🔤 💌 🛞 🚽 🔇	
NOTE: Recently entered data may not appear on reports for 180 seconds after it was entered.	
Scope	Collection Trip Report Filters
Report Start Date * Report End Date *	Term
01/01/2022	Collected from the Wild(Physical and Ownership), Cl 🔽
Taxonomic Scope *	Location Country State/Province
Include Taxonomy below selected level	Vater Type
Display Options	Please Select
Sort By Identifier	Collection Method
Date 👻 Local ID 💌	Please Select
Print Type	Permit
A4      Letter	Please Select

#### Once run, the report can exported to various formats.

Wild Acquisitions Report				_ = <b>= _</b>
				8
🔨 🔨 1 of 1 义	Export to the selected format  Export  Selected format			
	P			A
	Report Start Date 01/01/1800	Wild Acquisitions Report Animalia / Animals	Report End Date 400 14/02/2022	
	T0040   Partula snail / Partula dentifera		Group of Animals	
	Date Location	Water Type Method	Number Staff Responsible Permit	
	03/02/2022 French Polynesia		0.0.40 Species360 Training TESTPERMIT1	
	T0038   Partula snail / Partula hebe Date Location	Water Type Method	Group of Animals Number Staff Responsible Permit	
	14/02/2022 French Polynesia	Water Type - Mealou	0.0.30 Species360 Training TESTPERMIT1	
	T0039   Partula snail / Partula tohiveana		Group of Animals	
	Date Location 14/02/2022 French Polynesia	Water Type Method	Number         Staff Responsible         Permit           0.0.20         Species360 Training         TESTPERMIT1	

#### Read more here:

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

#### 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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#### 2.5 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 ™ New - NEdit X Delete ⊞ Manage A	nimal Lister 🔊 Reloa		al list	norte - Medical Anne	Sample Storag	10				👝 🗖 🕳 🗙
Necropsy/Biopsy Simple Search	Animal	(3 Records		Details	(Groampie Storag	0	Responsible St	taff	Basic Info	
Necropsy/Biopsy Advanced Search	<b>■ 06/04/2021</b>		,							C 111/10/2010 00/202
	S 00/01/2021	ad cichlid / ISS20-00763	06/04/2021	Necropsy: Case #:	Newsyl				Identifiers Local ID	GAN: <u>ISS20-00763</u> 38
Record Scope	0 💋 367 Humphe	ad cicrilid / 15520-00/65	06/04/2021	Necropsy. Case #.	<ul> <li>Necropsy report. ~</li> </ul>				Current Enclosure	
Local      Shared      All	<b>04/06/2021</b>								Sex	Undetermined
	🔾 🍘 A32554 / Scir	mitar-horned oryx / ISS20-00800	04/06/2021	Necropsy: Case #:	- Necropsy report: ~				Scientific Name	Cyphotilapia frontosa
Necropsy O Biopsy O All									Common Name	Humphead cichlid
Necropsy O Biopsy O All	□ 06/16/2020							_	Birth	~ < 10/27/2011
himal ID	🔾 💋 Monica Gelle	r/Guppy/ISS17-00442	06/16/2020	Necropsy: Case #:	<ul> <li>Necropsy report: ~</li> </ul>				Arrival	10/16/2020
lease select									Owner 🚕	SPECIE360
lease select									Holder	SPECIE360
axonomy									Last Weight	~
earch 🔎									Add New Weight	
Include Taxon Below									Collection	Primary Animal Collection
ecropsy/Biopsy Date ③									Health Status	~
rom To									Add New Status	
									Body Condition Score	Undetermined
									Medical Alerts	
Search By Status									No Active Medical Al	erts Found
									Active Problems	
🐉 Reset 🛛 🔍 Search									No Active Problems	Found
Dashboard									Active Prescription	ns/Treatments
	CERPORT to PDF	Edit 🗙 Delete					🗖 Ma	iximize	No Active Prescriptio	ns/Treatments Found
Clinical Notes									Active Enclosure F	
Diagnoses & Procedures	GAN	Preferred ID Taxono	my		Sex	Birth Date	Age	Ê	No Active Enclosure	Prescription Found
- Diagnoses a Frocedules	6 ISS20-00763	38 Cyphotil	apia frontosa/Humphea	d cichlid	Undetermined	~ < 10/27/2011	9Y 7M 8D		Calendar Tasks	📥 Add New Tasl
Prescriptions/Treatments										
Course in the	Submission									
Samples	Death Date	06/04/2021	00:00	Carcass Weight						
Tests & Results	Date Submitted	06/04/2021		Measurement		~				
	Date Discovered	~		Estimate		No				
Anesthesia	Submitted By	Martha Meg	arry	Exclude from	reference intervals	No				
Physiological Measurements	Manner of Death	Natural/Non		Death Location -						
				Enclosure : Fr	nt Fish Tank					
Recropsyrbiopsy								Ψ.		

#### 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 11 August 2023