

Keepers as Population Managers

The Basics of Population Management

Amanda Hall- Scovill Zoo

Jessica Munson- Milwaukee County Zoo

Amanda Ista- Milwaukee County Zoo



AZA Managed Programs

*578 managed programs
(as of March 2012)

*How the programs are
managed:

-TAG

-SSP

-Studbook

*Levels of management:

- Green SSP

- Yellow SSP

- Red Studbook



Studbook

*What is a studbook?

*What is the purpose of a studbook?

*How is a studbook used?



ROCKHOPP

File Edit View Overlay Validate Reports Export Help

Select Filters As of 7/31/2012 AND Status = Living

Totals: 168.187.1 (356) at 18 Institutions No Sort Order Applied No Edits

Currentness Date: 1/15/2011

Master	Reproductive	Sex	Events	Specimen	Notes	UDFs	Studbook Overview								
Studbook ID	Edit	Current Sex	Current Location	Current Local ID	Sire	Dam	Hatch Date	Hatch Date Est.	Current Age	Current Age Est.	Current Status	Current Reproduct			
75	...	Female	DETROIT	1634	39	45	7/4/1972	None	40.074	None	Living	Not Contrac			
96	...	Male	ORLANDO	RK0003	WILD	WILD	12/15/1977	Year	34.626	Year	Living	Not Contrac			
117	...	Female	MILWAUKEE	B2465	WILD	WILD	1/1/1979	Year	33.58	Year	Living	Not Contrac			
120	...	Male	MILWAUKEE	B2467	WILD	WILD	1/1/1979	Year	33.58	Year	Living	Not Contrac			
121	...	Male	MILWAUKEE	B2464	WILD	WILD	1/1/1979	Year	33.58	Year	Living	Not Contrac			
131	...	Female	MILWAUKEE	B2468	115	117	11/22/1983	None	28.69	None	Living	Not Contrac			
134	...	Female	BIODOME	18	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
148	...	Female	LOUISVILL	201965	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
150	...	Female	LOUISVILL	201966	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
158	...	Female	LOUISVILL	201969	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
191	...	Male	BOS NEAQ	85023	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
194	...	Male	BOS NEAQ	85026	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
200	...	Male	BOS NEAQ	85032	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
209	...	Female	BOS NEAQ	MH8582	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
211	...	Female	DETROIT	1637	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
212	...	Female	DETROIT	1638	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
213	...	Female	DETROIT	1639	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
214	...	Male	DETROIT	1640	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			
217	...	Male	DETROIT	1643	WILD	WILD	1/1/1984	Year	28.58	Year	Living	Not Contrac			

7:10 PM

How to Create a Studbook

*Programs used to create studbooks

-SPARKS

-Poplink

*Information needed to create a studbook

-taxon reports

-specimen reports

*Where to get information for the studbook

-Registrars

-IRs

Report Start Date 1/1/1900		Taxon Report for <i>Eira barbara</i>		Report End Date 3/31/2011	
489	<i>Eira barbara</i>	Lower Risk - Least		Tayra	
<u>Date in</u>	<u>Acquisition - Vendor/local Id</u>	<u>Holder</u>	<u>Disposition - Recipient/local Id</u>	<u>Date out</u>	
1 Jun 1980	Loan In from YOURZOO-278	MYZOO			
7 Jun 1989	Trade from YOURZOO-278	MYZOO	Sale to THEIRZOO	8 Jun 1989	
<u>Sex:</u>	Male -	<u>Birth type:</u>	Captive Born		
<u>Hybrid status</u>	Not a hybrid	<u>Birth Location:</u>	The Zoo		
<u>Enclosure</u>	REMOVED	<u>Birthdate-Age:</u>	~ 1976 - ~13Y at transfer		
<u>Rearing:</u>		<u>House Name:</u>	ADAM		
490	<i>Eira barbara</i>	Lower Risk - Least		Tayra	
<u>Date in</u>	<u>Acquisition - Vendor/local Id</u>	<u>Holder</u>	<u>Disposition - Recipient/local Id</u>	<u>Date out</u>	
1 Jun 1980	Loan In from YOURZOO-280	MYZOO	Loan Transfer HERZOO	6 Apr 1988	
<u>Sex:</u>	Female -	<u>Birth type:</u>	Captive Born		
<u>Hybrid status</u>	Not a hybrid	<u>Birth Location:</u>	The Zoo		
<u>Enclosure</u>		<u>Birthdate-Age:</u>	~ Sep 1976 - ~11Y,6M at transfer		
<u>Rearing:</u>		<u>House Name:</u>	PHYLLIS		
491	<i>Eira barbara</i>	Lower Risk - Least		Tayra	
<u>Date in</u>	<u>Acquisition - Vendor/local Id</u>	<u>Holder</u>	<u>Disposition - Recipient/local Id</u>	<u>Date out</u>	
1 Jun 1980	Loan In from YOURZOO-279	MYZOO			
7 Jun 1989	Trade from YOURZOO-279	MYZOO	Sale to THEIRZOO	8 Jun 1989	
<u>Sex:</u>	Female -	<u>Birth type:</u>	Captive Born		
<u>Hybrid status</u>	Not a hybrid	<u>Birth Location:</u>	The Zoo		
<u>Enclosure</u>	REMOVED	<u>Birthdate-Age:</u>	~ Sep 1976 - ~12Y,8M at transfer		
<u>Rearing:</u>		<u>House Name:</u>	MIDGE		
1463	<i>Eira barbara</i>	Lower Risk - Least		Tayra	
<u>Date in</u>	<u>Acquisition - Vendor/local Id</u>	<u>Holder</u>	<u>Disposition - Recipient/local Id</u>	<u>Date out</u>	



Management Plans- Breeding Recommendations

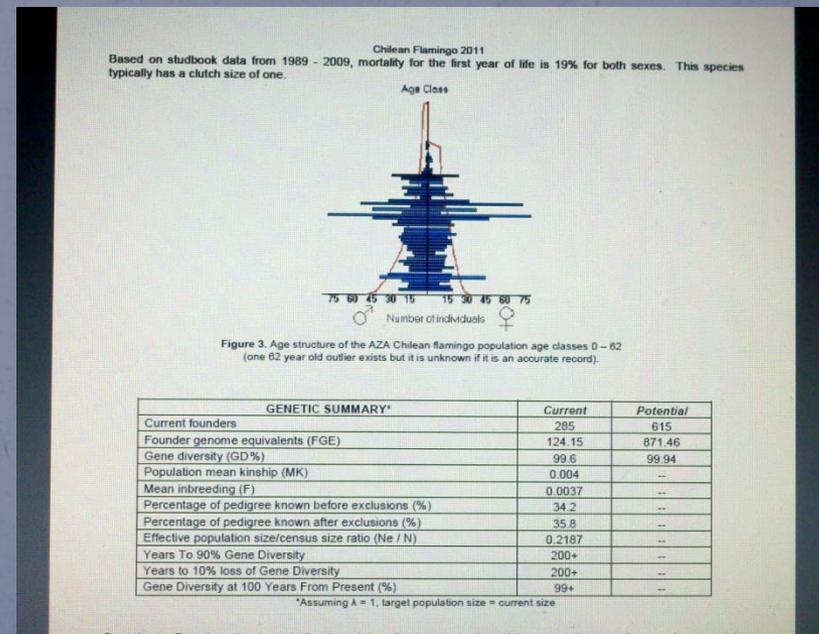
*Management plans are created from:

- information in the studbook
- wants/needs survey

*Required to be done at least every 3 years

*Recommendations made for:

- breeding
- transfers
- companionship



A Keepers Role in Management Plans

*Keepers are the experts on their animals

- Husbandry
- Natural History
- Behavior
- Conservation



Becoming a Population Manager

*AZA website - www.aza.org
- Animal Program Handbooks

*Vacant Positions

*Application
- Institution support
- Population management class



Qualities of a Successful Population Manager

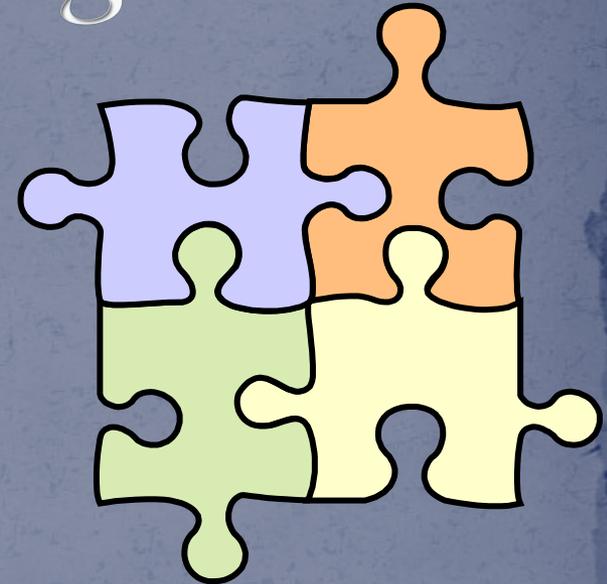
*Organized



*Time Manager



*Problem Solver



*Communicator



Questions?

