



Mixed Species Survey

Survey Compiled by:
Dawn Petefish, Peoria's Glen Oak Zoo

In November of 2004, the Rodent Insectivore and Lagomorph TAG sent Mixed Species surveys to 145 institutions via e-mail. The survey forms were generated using the species information provided by these institutions during the TAG's 2002 space survey.

This information has been compiled and the following are the results. As stated in the TAG's three-year action plan, It is our hope that by compiling and sorting this information we will better assist institutions in efficiently utilizing exhibit and holding spaces dedicated to rodents, insectivores and lagomorphs.

If you have any problems viewing this survey or have any other questions please contact: Dawn Petefish, Peoria's Glen Oak Zoo

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Results from the 2002 space survey, 2004 mixed species survey and all other TAG related information can be found on the Rodent TAG Website.

<http://www.glenoakzoo.org/rodent%20TAG.htm>.

RTAG Mixed Species Survey- Respondents

<u>Institution</u>	<u>Respondent</u>	<u>Contact Information</u>
Alexandria Zoo	Carla Oncay	carla.oncay@cityofalex.com
Arizona-Sonora Desert Museum	Mary Powell-McConnell	mpowell-mcconnell@desertmuseum.org
Baltimore Zoo	Christine Bartos	cmbaltzoo@aol.com
Beardsley Zoo	Jeanne Yuckienuz	Beardsleyz@aol.com
Brandywine Zoo	Leslie S. Brennan	lbrennan@state.de.us
Brevard Zoo	Michelle Smurl	msmurl@brevardzoo.org
Bronx Zoo/WCS	Claudia Wilson	cwilson@wcs.org
Brookfield Zoo	Glenn Granat	glgranat@brookfieldzoo.org
Busch Gardens	Raina Collins	Raina.Collins@BuschGardens.com
Caldwell Zoo	Linda Kunze	education@caldwellzoo.org
Central Florida Zoological Park	Bonnie Breitbeil	bonnieb@centralfloridazoo.org
Cheyenne Mountain Zoo	Tracy Leeds	TLeeds@cmzoo.org
Cleveland Metroparks Zoo	Alan Sironen	als@clevelandmetroparks.com
Cosley Zoo	Sue Wahlgren	wpdzoo@wheatonparks.org
Detroit Zoo	Michelle Seldon	mseldon@detroitzoo.org
Emporia Zoo	David Traylor	emporiazoo@emporia.ws
Fort Wayne Children's Zoo	Mark Weldon	Mark@kidszoo.com
Fort Worth Zoological Park	John H. Ward	jward@fortworthzoo.org
Great Plains Zoo and Delbridge Museum	Dan Brands	members@gpzoo.org
Houston Zoo	Tonya Boyd (Tinker)	tboyd@houstonzoo.org
Jacksonville Zoological Gardens	Craig Miller	millerc@jaxzoo.org
Kangaroo Conservation Center	Debbie Nelson	RooFarm@aol.com
Knoxville Zoological Gardens	Lisa New	knoxzoo@knoxville-zoo.org
Lincoln Park Zoo		
Los Angeles Zoo	Jeff Holland	jholland@zoo.lacity.org
Mesker Park Zoo	Erik Beck	ebeck@meskerparkzoo.com
Miami Metro	Steve Conners	SCONNER@miamidade.gov
Micke Grove Zoo	Susan Senser	director@mgzoo.com
Mill Mountain Zoo	David Wood	Dwood@mmzoo.org
Miller Park	John Tobias	jtobias@cityblm.org
Milwaukee County Zoological Gardens	Jan Rafert	jrafert@milwcnty.com
Minnesota Zoological Garden	Laura Treshel (Kevin Willis)	laura.trechsel@state.mn.us
Moody Gardens	Paula Kolvig	pkolvig@moodygardens.com

RTAG Mixed Species Survey- Respondents

<u>Institution</u>	<u>Respondent</u>	<u>Respondent</u>
North Carolina Zoological Park	Lorraine Smith	lorraine.smith@ncmail.net
Oglebay's Zoo	Mindi White	mlwhite10@hotmail.com
Oregon Zoo	Gilbert Gomez	gomezg@metro.dst.or.us
Peoria's Glen Oak Zoo	Dawn Petefish	dpetefish@peoriazoo.org
Reid Park Zoo	Scott Barton	reidzoo@ci.tucson.az.us
Riverside Zoo	Tim French	tfrench@scottsbuff.org
Rolling Hills Zoo	Sandy Walker	Sandy@rollinghillszoo.com
Sacramento Zoo	Jim Schnormeier	jschnormeier@cityofsacramento.org
San Diego Wild Animal Park	Randy Rieches	rrieches@sandiegozoo.org
Santa Ana Zoo	Connie Sweet	csweet@ci.santa-ana.ca.us
Santa Barbara Zoo	Alan Varsik	avarsik@santabarazoo.org
Scovill Zoo	Dave Webster	Dave@Decparks.com
Sedgewick County Zoo	Mike Quick	mammals@scz.org
St. Louis Zoological Park (Children's Zoo)	Mark Wanner	wanner@stlzoo.org
Sunset Zoo	Ryan Gulker	gulker@ci.manhattan.ks.us
Tautphaus Park Zoo	Bill Gersonde	bgersonde@ci.idaho-falls.id.us
The Living Desert	Kim Auckland	kaucklandtld@aol.com
The Zoo	Neil Anderson	anderson_ns@itol.com
Topeka Zoo		
Utah's Hogle Zoo	Gina Phillips (Jane Larson)	gphillips@hoglezoo.org
Utica Zoo	Allison Sinnot	uticzoo@dreamscape.com
Zoo Montana	Debbie Aden	daden@zoomontana.org
Zoo New England	Linda Rohr	lrohr@zoonewengland.com

RTAG Mixed Species Survey / Sorted by Common Name

Mixed with Species

Was the pairing Successful?

ACOUCHI

Myoprocta acouchy pratti

Houston Zoo	Antelope ground squirrel	<i>Ammospermophilus harrisi</i>	NO	acouchi attacked squirrel
Milwaukee County Zoological Gardens	Cotton-top tamarin	<i>Saguinus oedipus</i>	NO	Cotton-tops attacked the acouchi. This may or may not have been because the tamarins had young offspring.
Beardsley Zoo	Hispaniolan Sliders		YES	
Beardsley Zoo	Green Iguana	<i>Iguana iguana</i>	YES	
Beardsley Zoo	Blue and Gold Macaw	<i>Ara ararauna</i>	YES	
Beardsley Zoo	Scarlett Ibis	<i>Eudocimus ruber</i>	YES	
Beardsley Zoo	Ringed Teal		YES	
Beardsley Zoo	Argentine Ruddy Duck	<i>Oxyura vittata</i>	YES	
Beardsley Zoo	Green Heron	<i>Butorides virescens</i>	YES	
Beardsley Zoo	Cattle Egret	<i>Ardeola ibis</i>	YES	
Beardsley Zoo	Blue -grey Tanager		YES	
Beardsley Zoo	White-lined Tanager		YES	
Beardsley Zoo	Silver-beaked Tanager		YES	
Beardsley Zoo	White-bellied Caiques		YES	
Beardsley Zoo	Monk Parakeet		YES	
Beardsley Zoo	Wood Rails		YES	
Beardsley Zoo	Troupial		YES	
Beardsley Zoo	Saffron Finch		YES	
Bronx Zoo/WCS	Marmosets species		YES	
Bronx Zoo/WCS	Reed's titi's monkeys		YES	
Bronx Zoo/WCS	Saki monkeys		YES	
Houston Zoo	Cotton topped tamarins	<i>Saguinus oedipus</i>	YES	Individual CTT's have not worked - too aggressive to acouchis
Houston Zoo	Emperor Tamarins	<i>Saguinus imperator subgriscens</i>	YES	occasional aggression over food
Houston Zoo	Golden Lion tamarins	<i>Leontopithecus rosalia</i>	YES	
Houston Zoo	Prevost's squirrel	<i>Callosciurus prevostii</i>	YES	
Houston Zoo	Pygmy Marmosets	<i>Callithrix pygmaea</i>	YES	
Milwaukee County Zoological Gardens	Goeldi's monkey	<i>Callimico goeldii</i>	YES	
Milwaukee County Zoological Gardens	Golden lion tamarin	<i>Leontopithecus rosalia</i>	YES	
Milwaukee County Zoological Gardens	Owl Monkey	<i>Aotus lemurinus</i>	YES	

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Topeka Zoo	GIANT BLACK SQUIRREL	<i>Ratufa bicolor</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	MEXICAN PORCUPINE	<i>Coendu mex</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	NUTRIA	<i>COYPU</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Cleveland Metroparks Zoo				
Mesker Park Zoo	Owl Monkeys			worked fine
Sedgewick County Zoo	Free-flight birds			acouchi are free-roam in a large jungle building.
Sedgewick County Zoo	Free-flight fruit bats	<i>Pteropsus giganteus</i>		acouchi are free-roam in a large jungle building.
	AFRICAN BRUSH-TAILED PORCUPINE	<i>Atherurus africanus</i>		
Bronx Zoo/WCS	Bay duikers		YES	
Bronx Zoo/WCS	Moholi galagos		YES	
Bronx Zoo/WCS	Rodriquez fruit bats		YES	
	AFRICAN CRESTED PORCUPINE	<i>Hystrix africaeaustralis</i>		
Alexandria Zoo			N/A	The African Crested Porcupine are currently exhibited alone.
Jacksonville Zoological Gardens			N/A	
Baltimore Zoo			NO	
San Diego Wild Animal Park	South African Crested Por	<i>Hystrix a. africaeaustralis</i>	NO	Attempted to mix with hoofstock, Hoofstock would not tolerate the porcupines and chased them until removed.
Brookfield Zoo	Aardwolf	<i>Proteles cristata</i>	YES	
Brookfield Zoo	Fennec Fox	<i>Vulpes zerda</i>	YES	
Brookfield Zoo	Meerkat	<i>Suricatta suricatta</i>	YES	Breeding porcupines while meercats can be problematic, (meercats may attack young porcupines)
Miami Metro	Bat eared foxes		YES	

Mixed with Species		Was the pairing Successful?	
Reid Park Zoo	2.0 Mandrill	<i>Mandrillus sphinx</i>	YES The mandrills will occasionally herd the porcupines, and there have been a few incidences of seeing mandrills with spines in their hands, but they've been together for years and they make a great exhibit. This also gives the porcupines a large exhibit.
Reid Park Zoo	Greater galago		YES Woodland Park Zoo. Worked well.
Reid Park Zoo	Springhaas		YES Woodland Park Zoo. Worked well.
Brevard Zoo			
Central Florida Zoological Park	none		
Cleveland Metroparks Zoo			
Great Plains Zoo and Delbridge Museum			Not currently in collection
Great Plains Zoo and Delbridge Museum			Not currently in collection
Utah's Hogle Zoo	N/A		
Zoo New England			no

AGOUTI

		<i>Dasyprocta cristata</i>		
Brevard Zoo	Hyacinth Macaw	<i>Anodorhynchus hyacinthinus</i>	YES	
Cleveland Metroparks Zoo				
Sacramento Zoo				We have had no experience with mixing this species with any others
Scovill Zoo				

ALGERIAN HEDGEHOG

		<i>Atelerix algirus</i>		
Knoxville Zoological Gardens				not mixed
St. Louis Zoological Park (Children's Zo				

AMERICAN BEAVER

		<i>Castor canadensis</i>		
Emporia Zoo	American Beaver		N/A	hand raised
Oregon Zoo	Barrow's goldeneye	<i>Bucephala islandica</i>	YES	
Oregon Zoo	Common goldeneye	<i>Bucephala clangula</i>	YES	
Oregon Zoo	Hooded margsenser	<i>Mergus cucullatus</i>	YES	
Oregon Zoo	Ring-neck duck	<i>Aythya collaris</i>	YES	
Arizona-Sonora Desert Museum				N/A
Cleveland Metroparks Zoo				
Knoxville Zoological Gardens	cattle egrets			exhibit not open yet

	<u>Mixed with Species</u>	<u>Was the pairing Successful?</u>
Knoxville Zoological Gardens	migratory songbirds	exhibit not open yet
Knoxville Zoological Gardens	wood ducks	exhibit not open yet
Minnesota Zoological Garden		

AMERICAN RED SQUIRREL	<i>Tamiasciurus hudsonicus</i>	
Cosley Zoo		Have never exhibited

AMERICAN WHITE RABBIT	<i>Oryctolagus cuniculus american_ white</i>	
Great Plains Zoo and Delbridge Museum	Tortoise of various specie	YES Also - Education/housed individually
Great Plains Zoo and Delbridge Museum	Tortoise of various specie	YES Also - Education/housed individually
Cleveland Metroparks Zoo		
Oregon Zoo		
St. Louis Zoological Park (Children's Zo		

BLACK GIANT SQUIRREL	<i>Ratufa bicolor</i>	
Cleveland Metroparks Zoo		

BLACK-TAILED JACK RABBIT	<i>Lepus californicus</i>	
The Living Desert	Black Vulture, Cattle Egret	YES Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	Fulvous ducks, teals, hou:	YES Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	mockingbirds, blackbirds,	YES Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	Mourning and White-wing:	YES Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
Arizona-Sonora Desert Museum		NO LONGER HAVE
Sunset Zoo	none	

BLACK-TAILED PRAIRIE DOG	<i>Cynomys ludovicianus</i>	
Baltimore Zoo		NO
Emporia Zoo	Nine- banded armadillo	YES mixed with 9-banded armadillo 2.0
Fort Worth Zoological Park	Burrowing Owls <i>Athene cunicularia hypugaea</i>	YES
San Diego Wild Animal Park	Canadian porcupine <i>Erethizon d. dorsatum</i>	YES mixed with prairie dog

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Sedgewick County Zoo	Bison	<i>Bison bison</i>	YES	Prairie dogs escaped from original exhibit and live in with bison and pronghorn
Sedgewick County Zoo	Pronghorn	<i>Antilocapra americana</i>	YES	Prairie dogs escaped from original exhibit and live in with bison and pronghorn
Sedgewick County Zoo	Sandhil crane		YES	Prairie dogs escaped from original exhibit and live in with bison and pronghorn
Sunset Zoo	box turtles (various ssp.)	<i>Tarapene ornata</i>	YES	
Sunset Zoo	burrowing owl	<i>Speotyto cunicularia</i>	YES	
Sunset Zoo	turkey vulture	<i>Cathartes aura</i>	YES	Exhibit space (amount and quality) must be evaluated to house p-dogs and burrowing owls.
Arizona-Sonora Desert Museum				N/A
Beardsley Zoo				Housed alone.
Central Florida Zoological Park	none			Education animal
Detroit Zoo				Never in a mixed species exhibit
Fort Wayne Children's Zoo	None			
Great Plains Zoo and Delbridge Museum				Exhibited as a colony
Great Plains Zoo and Delbridge Museum				Exhibited as a colony
Knoxville Zoological Gardens				not mixed
Los Angeles Zoo	Not mixed with any other			
Mesker Park Zoo				None
Mill Mountain Zoo				
Milwaukee County Zoological Gardens				We have never had this species in a mixed species exhibit.
Scovill Zoo				
St. Louis Zoological Park (Children's Zoological Park)				
Zoo New England				no
	BRAZILIAN AGOUTI	<i>Dasyprocta leporina</i>		
Oglebay's Zoo	Chicken		NO	Chicken was put in the exhibit to see if any species of galliformes from South America could be added to the exhibit. The agoutis chased the chicken as soon as it came to the ground. Tamarins were fine with the chicken as was the iguana.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>
Oglebay's Zoo	Green Aracari		NO Agoutis killed green aracari that fell to ground. Believe that attack was due to the aracari startling the agoutis when it fell to the ground.
Zoo New England	Coatis		NO Some years ago we tried agoutis with coatis but the coatis were too aggressive toward the agoutis.
Oglebay's Zoo	Cotton-top Tamarin		YES
Oglebay's Zoo	Green Iguana		YES
Reid Park Zoo	Macaw		YES Brevard zoo. Worked well.
Mesker Park Zoo	Agouti (brother)		killed before mixed with others
Mesker Park Zoo	Curassow		Not a problem yet
Mesker Park Zoo	Red hand Tamari		This one just killed one of the tamarins after being together for over a year.
Minnesota Zoological Garden			for future; mixed exh. with tamarin, sloth exhibit not complete yet so I cannot say if it will work or not

BRITISH LOP EARED RABBIT

Oryctolagus cuniculus brit_lopear

Jacksonville Zoological Gardens

N/A

CACTUS MOUSE

Peromyscus eremicus

Bronx Zoo/WCS

CAIRO SPINY MOUSE

Acomys cahirinus

Los Angeles Zoo

Not mixed w/ any other sp

The Living Desert

CAPYBARA

Hydrochaeris hydrochaeris

Emporia Zoo

N/A

0.2

Zoo New England

Baird's tapir

Tapirus bairdii

NO

Not compatible, aggression, chased each other.

Zoo New England

Llama

Llama glama

NO

Capy aggressive to llama, bit him. No serious problems. The biting occurred primarily because the llama was an older animal that liked to lie down and the capy would try to intimidate him by biting him.

Rolling Hills Zoo

Maned wolf

We have t

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>
Alexandria Zoo		YES The Capy Bara are currently housed in a mixed exhibit with ducks and turkeys
Beardsley Zoo	Lesser Magellan goose <i>Chloephaga picta picta</i>	YES Geese nested, hatched and raised young.
Brandywine Zoo	cara cara bird	YES no problems with any species
Brandywine Zoo	various ducks	YES no problems with any species
Brandywine Zoo	various turtles	YES no problems with any species
Brevard Zoo	Bahama Pintail <i>Anas b. bahamensis</i>	YES
Brevard Zoo	Black bellied whistling du <i>Dendrocygna autumnalis</i>	YES
Brevard Zoo	Coscoroba swan <i>Coscoroba coscoroba</i>	YES
Caldwell Zoo	American White Ibis <i>Eudocimus albus</i>	YES
Caldwell Zoo	Common Squirrel Monkey <i>Saimiri sciureus</i>	YES
Caldwell Zoo	Giant Anteater <i>Myrmecophaga tridactyla</i>	YES
Caldwell Zoo	King Vulture <i>Sarcohamphus papa</i>	YES
Caldwell Zoo	Northern Helmeted Curras <i>Crax pauxi pauxi</i>	YES
Caldwell Zoo	Red-legged Seriema <i>Cariama cristata</i>	YES
Caldwell Zoo	Ringed Teal <i>Callonetta leucophrys</i>	YES
Caldwell Zoo	Sharp-winged Teal <i>Anas flavirostris oxyptera</i>	YES
Detroit Zoo	Alpaca and Brazilian tapir:	YES Single handraised capybara with two female alpaca and a male and female tapir. High strung female
Detroit Zoo	Giant Anteater	YES Single males and a single handraised female capybara introduced at separate time to 1.2 giant anteaters.
Detroit Zoo	Guanacos, Brazilian tapirs	YES Separate but connected location, (Belle Isle Zoo) three male capybaras were housed with seven male guanaco. Some fighting occurred and male capybaras displayed displaced aggression towards one another.
Detroit Zoo	Ponticherry vulture, Rheas	YES
Detroit Zoo	Pudu	YES Single male capybara housed with single male Pudu. They really like each others company, sleep with each other and have copulated. The pudu was the copulator.
Detroit Zoo	Ring tailed Coati and Pudu	YES Single male capybara introduced to single male coati and Pudu. Worked very well until coati escaped exhibit and was moved.

Mixed with Species**Was the pairing Successful?**

Milwaukee County Zoological Gardens	King Vulture	<i>Sarcorhamphus papa</i>	YES	
Santa Ana Zoo	Black howler monkey	<i>Alouatta caraya</i>	YES	This is a current exhibit situation.
Santa Ana Zoo	Black necked Swan	<i>Cygnus melanocoryphys</i>	YES	
Santa Ana Zoo	Capuchin monkey	<i>Cebus apella</i>	YES	
Santa Ana Zoo	Crested Screamer	<i>Chauna torquata</i>	YES	
Santa Barbara Zoo	Agouti	<i>Myoprocta</i>	YES	
Scovill Zoo	Blue & Gold Macaw	<i>Ara ararauna</i>	YES	our macaw grooms the capy's, they all eat out of same food tub (their choice to, more are offered)
Scovill Zoo	Green Iguana	<i>Iguana iguana</i>	YES	
Sedgewick County Zoo	Baird's tapir	<i>Tapirus bairdii</i>	YES	some aggression both ways
St. Louis Zoological Park (Children's Zoo)	Giant anteater	<i>Myrmecophaga tridactyla</i>	YES	
Zoo New England	Cape teal	<i>Anas capensis</i>	YES	This is actually voluntary by the birds since they are free flight in the building, but they are compatible. The birds predominantly stay in the pool (except the guinea fowl). They are full winged, so they can fly out of the exhibit if necessary.
Zoo New England	Cavies		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Magellan geese		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Marbled teal	<i>Marmaronetta angastirostris</i>	YES	This is actually voluntary by the birds since they are free flight in the building, but they are compatible. The birds predominantly stay in the pool (except the guinea fowl). They are full winged, so they can fly out of the exhibit if necessary.
Zoo New England	Rheas		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	W. Hartlaub's ducks	<i>Pteronetta h. hartlaubii</i>	YES	This is actually voluntary by the birds since they are free flight in the building, but they are compatible. The birds predominantly stay in the pool (except the guinea fowl). They are full winged, so they can fly out of the exhibit if necessary.

Mixed with Species**Was the pairing Successful?**

Milwaukee County Zoological Gardens	Alpaca	<i>Lama pacos</i>	Yes / No	Depending on the individual capybaras, sometimes it has worked. Other times capybaras have been very aggressive to the other animals.
Milwaukee County Zoological Gardens	Baird's Tapir	<i>Tapirus bairdii</i>	Yes / No	
Milwaukee County Zoological Gardens	Patagonian Cavy	<i>Dolichotis patagonum</i>	Yes / No	
Detroit Zoo	Guanacos and Tapirs Bell		Yes / No	Tapir housed in close quarters with capybaras had some chasing issues with the capybaras.
Brandywine Zoo				
Cleveland Metroparks Zoo				
Great Plains Zoo and Delbridge Museur				Not currently in collection
Great Plains Zoo and Delbridge Museur				Not currently in collection
Jacksonville Zoological Gardens	1.1 Baird's tapirs and			No problems.
Jacksonville Zoological Gardens	1.1 white-faced sakis.			No problems.
Knoxville Zoological Gardens				we do not have
Mesker Park Zoo	BlackNeckSwan			worked well/large lake/land area (2 lakes)
Mesker Park Zoo	Coscoroba Swan			worked well/large lake/land area (2 lakes)
Mesker Park Zoo	Costa Rican Deer			worked well/large lake/land area (2 lakes)
Mesker Park Zoo	Guanacos			worked well/large lake/land area (2 lakes)
Mesker Park Zoo	various ducks			worked well/large lake/land area (2 lakes)
Oglebay's Zoo				
Reid Park Zoo	None			We have a female who's been aggressive toward conspecifics in the past, and recently toward our female common tapir when we tried housing them together. This has led to us keeping her by herself. When we get other capybaras in I plan to try mixed exhibits with them again.
Sedgewick County Zoo	Many species of birds			exhibit located in large aviary. Many species of birds have access to exhibit.

Mixed with Species**Was the pairing Successful?****CAVY*****Cavia aperea***

Zoo New England	Capybara	YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Flamingos	YES	Cavies (several) with waterfowl and flamingos. Successful.
Zoo New England	Magellan geese	YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Rheas	YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Bronx Zoo/WCS			
Scovill Zoo			

CHINCHILLA***Chinchilla lanigera***

Emporia Zoo	Chinchilla	N/A	all male
Jacksonville Zoological Gardens		N/A	
Brevard Zoo		NO	
Brookfield Zoo	Degu	YES	2 males degus housed with castrated male chinchilla as outreach animals
Baltimore Zoo			not here during my time
Brandywine Zoo			outreach animals
Bronx Zoo/WCS			
Caldwell Zoo			
Central Florida Zoological Park	none		Education animal
Cleveland Metroparks Zoo			
Fort Wayne Children's Zoo	None		Education Animal
Great Plains Zoo and Delbridge Museum			Education/housed individually
Great Plains Zoo and Delbridge Museum			Education/housed individually
Knoxville Zoological Gardens			not mixed- education animal
Minnesota Zoological Garden			
Oglebay's Zoo			
Santa Ana Zoo			not mixed
Scovill Zoo			
Sedgewick County Zoo			
St. Louis Zoological Park (Children's Zoo)			
Sunset Zoo	none		
Tautphaus Park Zoo			

Mixed with Species**Was the pairing Successful?**

Utah's Hogle Zoo	N/A			
Utica Zoo				
Zoo New England				no

COMMON HAMSTER***Cricetus cricetus***

Brookfield Zoo	NA			
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CRESTED PORCUPINE***Hystrix cristata***

Baltimore Zoo				NO
Detroit Zoo	Rock Hyrax	<i>Procavia</i>		Not really
				Single Rock hyrax male housed briefly with 1.2 porcupines tried to sleep next to the porcupine and got stuck by its quills.
North Carolina Zoological Park	Meerkat	<i>Suricata suricatta suricatta</i>		YES
				Will need an effective means to segregate food.
Santa Ana Zoo	Greater bushbaby	<i>Otolemur crassicaudatus</i>		YES
Santa Ana Zoo	Ring-tailed lemur	<i>Lemur catta</i>		YES
Santa Ana Zoo	Trumpeter hornbill	<i>Bycanistes bucinator</i>		YES
Lincoln Park Zoo				We did not attempt to mix species
Sacramento Zoo				We have had no experience with mixing this species with any others no longer in collection
Santa Ana Zoo				
The Living Desert				

CURURO***Spalacopus cyanus***

Bronx Zoo/WCS				
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DAMARA MOLE-RAT***Cryptomys damarensis***

Bronx Zoo/WCS				
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DEER MOUSE***Peromyscus maniculatus***

Bronx Zoo/WCS				
Cosley Zoo				Have never exhibited
Zoo New England				no

DEGU***Octodon degus***

Baltimore Zoo				NO
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	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Brookfield Zoo	Chinchilla	<i>Chinchilla lanigera</i>	YES	2 male degus housed with 1 castrated male chinchilla and 2 female chinchillas on exhibit.
Bronx Zoo/WCS				
Emporia Zoo				
Knoxville Zoological Gardens				not mixed
Utah's Hogle Zoo	N/A			
Utica Zoo				
DESERT COTTONTAIL RABBIT <i>Sylvilagus audubonii</i>				
Bronx Zoo/WCS	Southern flying squirrels		YES	
The Living Desert	Black Vulture, Cattle Egret		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	Fulvous ducks, teals, hou:		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	mockingbirds, blackbirds,		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	Mourning and White-wing		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
Utah's Hogle Zoo	N/A			
DWARF HAMSTER <i>Phodopus roborovski</i>				
Knoxville Zoological Gardens				not mixed
EASTERN COTTONTAIL RABBIT <i>Sylvilagus floridanus</i>				
Bronx Zoo/WCS	Southern flying squirrels		YES	
Minnesota Zoological Garden	Southern flying squirrel	<i>Glaucomys volans</i>	YES	
EASTERN GREY SQUIRREL <i>Sciurus carolinensis</i>				
Zoo Montana				
EASTERN WOODRAT <i>Neotoma floridana</i>				
Baltimore Zoo				not here during my time
Bronx Zoo/WCS				
Brookfield Zoo	NA			

Mixed with Species**Was the pairing Successful?**

Cosley Zoo				Have never exhibited
Sunset Zoo	none			

EGYPTIAN SPINY MOUSE*Acomys nubilis*

Bronx Zoo/WCS				
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EURASIAN HARVEST MOUSE*Micromys minutus*

Bronx Zoo/WCS				
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EUROPEAN RABBIT*Oryctolagus cuniculus*

Jacksonville Zoological Gardens			N/A	
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Brookfield Zoo	Guinea Pig	<i>Cavia porcellus</i>	YES	Done in supervised outdoor setting for past 3 years.
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Beardsley Zoo				Housed alone.
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Central Florida Zoological Park	none			Education animal
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Fort Worth Zoological Park	None			
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Los Angeles Zoo	Not mixed w/ any other sp			
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Mesker Park Zoo				None (Education Animals)
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Mill Mountain Zoo				
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Milwaukee County Zoological Gardens				Education animals, housed separately.
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Minnesota Zoological Garden				
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North Carolina Zoological Park				Housed alone, not in mixed species exhibit.
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Santa Ana Zoo				not mixed
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Santa Barbara Zoo				
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St. Louis Zoological Park (Children's Zo				
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Zoo Montana				
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Zoo New England				no
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FAT-TAILED GERBIL*Pachyuromys duprasi*

Bronx Zoo/WCS				
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FLEMISH GIANT RABBIT*Oryctolagus cuniculus flemish_giant*

Baltimore Zoo				not here during my time
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Cosley Zoo				Exhibited with other breeds of rabbits
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Mixed with Species

Was the pairing Successful?

FOUR-STRIPED GRASS MOUSE

Rhabdomys pumilio

Bronx Zoo/WCS

FOUR-TOED ELEPHANT SHREW

Petrodromus tetradactylus

Jacksonville Zoological Gardens

N/A

GEOFFROY'S GROUND SQUIRREL

Xerus erythropus

Baltimore Zoo

not here during my time

GERBIL

Meriones unguiculatus domestic

Jacksonville Zoological Gardens

N/A

GIANT BLACK SQUIRREL

Ratufa bicolor

Topeka Zoo

ACOUCHI

Myoprocta pratti

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Topeka Zoo

MEXICAN PORCUPINE

Coendu mex

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Topeka Zoo

NUTRIA

COYPU

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

GIANT POUCHED RAT

Cricetomys emini

Brookfield Zoo

NA

Oglebay's Zoo

Utah's Hogle Zoo

N/A

GOLDEN MOUSE

Ochrotomys nuttalli

Brookfield Zoo

NA

GUINEA PIG

Cavia porcellus

Brevard Zoo

NO

Brookfield Zoo

Domestic Rabbit

Oryctolagus cuniculus

YES

done is a supervised outdoor setting for the past 3 years.

Brandywine Zoo

outreach animals

Mixed with Species**Was the pairing Successful?**

Caldwell Zoo		0.2.0 guinea pig/education animals--not in mixed species exhibit
Cleveland Metroparks Zoo		
Cosley Zoo		Have never exhibited
Knoxville Zoological Gardens		not mixed- education animal
Los Angeles Zoo	Not mixed with any other s	
Milwaukee County Zoological Gardens		Education animals, housed separately.
Minnesota Zoological Garden		
Santa Ana Zoo		not mixed
St. Louis Zoological Park (Children's Zo		

GUNNISON'S PRAIRIE DOG***Cynomys gunnisoni***

Zoo New England		no
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HARES/RABBITS***Leporidae***

Knoxville Zoological Gardens		not mixed
St. Louis Zoological Park (Children's Zo		

HARRIS' ANTELOPE SQUIRREL***Ammospermophilus harrisi***

Houston Zoo	Acouchi	<i>Myoprocta acouchy pratti</i>	NO	acouchi attacked squirrel
Houston Zoo	Gambel's quail	<i>Callipepla gambelii</i>	NO	Quail scared easy and hit glass
Houston Zoo	Pancake tortoise	<i>Malacochersus tornieri</i>	NO	Squirrels chewed on tortoise's shell
Houston Zoo	Golden Lion Tamarins	<i>Leontopithecus rosalia</i>	YES	
Houston Zoo	Pygmy Marmosets	<i>Callithrix pygmaea</i>	YES	
Arizona-Sonora Desert Museum				N/A

HEDGEHOG***Atelerix albiventris***

Alexandria Zoo			N/A	This species is housed alone at this time.
San Diego Wild Animal Park			No attempt	
Zoo New England	Potto	<i>Perodicticus potto</i>	YES	No problems seen between 1 hedgehog and 1 potto. Would try again if animals available.
Caldwell Zoo				0.1.0 hedgehog/education animal--not in mixed species exhibit
Central Florida Zoological Park	none			Education animal

Mixed with Species**Was the pairing Successful?**

Cleveland Metroparks Zoo		
Emporia Zoo		
Fort Wayne Children's Zoo	None	Education Animal
Los Angeles Zoo	Not mixed w/ any other sp	
Mesker Park Zoo		None (Education Animals)
Minnesota Zoological Garden		
Oglebay's Zoo		
Oregon Zoo		
Reid Park Zoo	None	Education/breeding animals
Santa Ana Zoo		not mixed
Scovill Zoo		
Sunset Zoo		none
Tautphaus Park Zoo		
Utah's Hogle Zoo	N/A	
Zoo Montana		

HISPID COTTON RAT***Sigmodon hispidus***

Bronx Zoo/WCS

HOUSE MOUSE***Mus musculus***

Brookfield Zoo

NA

Fort Worth Zoological Park

None**INDIAN CRESTED PORCUPINE*****Hystrix indica***

Bronx Zoo/WCS

Indian fruit bats**YES**

Mill Mountain Zoo

Wrinkled hornbill*Aceros corrugatus***YES**

Hornbill can be aggressive to porcupines at times. With different activity times their interaction is rare.

Cleveland Metroparks Zoo

St. Louis Zoological Park (Children's Zoo) **NO LONGER IN COLLECT****KANGAROO RAT*****Dipodomys insularis***

Utica Zoo

Desert Iguana*Dipsosaurus dorsalis***YES**

no problems between these species

Utica Zoo

Zebra-tailed Lizard*Callisaurus draconoides***YES**

North Carolina Zoological Park

Housed alone, not in mixed species exhibit.

Mixed with Species**Was the pairing Successful?****LARGE TREE SHREW*****Tupaia tana***

Brookfield Zoo	Prevosts Squirrel	<i>Callosciurus prevosti</i>	YES	This squirrel had no incisors. Would not try this with an intact squirrel.
Oglebay's Zoo	Black-naped fruit dove		YES	No problems
Oglebay's Zoo	Bleeding heart pigeon		YES	No problems
Oglebay's Zoo	Crested wood partridge		YES	No problems
Oglebay's Zoo	Greater Malayan chevrotai		YES	No problems
Oglebay's Zoo	Indian flying fox		YES	No problems
Cleveland Metroparks Zoo				
Minnesota Zoological Garden	(no longer in collection)			

LEAST SHREW***Cryptotis parva***

Brookfield Zoo	NA			
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LESSER MADAGASCAR HEDGEHOG TENREC *Echinops telfairi*

Jacksonville Zoological Gardens			N/A	
Bronx Zoo/WCS	Lesser mouse lemurs		YES	
Houston Zoo	Coquerel's mouse lemur	<i>Microcebus coquereli</i>	YES	
Caldwell Zoo				no longer housed at Caldwell Zoo
Central Florida Zoological Park	none			Education animal
Cleveland Metroparks Zoo				
Emporia Zoo				Education 0.1; 12 years old
Minnesota Zoological Garden	Standings day gecko			food stealing problems: tenrecs eating most f the gecko crickets
Reid Park Zoo	None			Education animal
Santa Barbara Zoo				
Scovill Zoo				
Utah's Hogle Zoo	N/A			
Utica Zoo				none

LOW'S SQUIRREL***Sundasciurus lowii***

Bronx Zoo/WCS				
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Mixed with Species**Was the pairing Successful?****MADAGASCAN RAT***Hypogeomys antimena*

Cleveland Metroparks Zoo

MEADOW VOLE*Microtus pennsylvanicus*

Cosley Zoo

Have never exhibited

MERRIAM'S KANGAROO RAT*Dipodomys merriami*

Arizona-Sonora Desert Museum

N/A

Bronx Zoo/WCS

Fort Worth Zoological Park

None

Single species exhibit

St. Louis Zoological Park (Children's Zo

The Living Desert

MEXICAN PORCUPINE*Sphiggurus mexicanus*

Houston Zoo

Hoffman's sloth*Choloepus hoffmanni*

YES

Houston Zoo

Squirrel monkeys*Saimiri boliviensis*

YES

Sloths and squirrel monkeys occasionally got quills in hand or face.

Topeka Zoo

ACOUCHI*Myoprocta pratti*

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Topeka Zoo

GIANT BLACK SQUIRREL*Ratufa bicolor*

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Topeka Zoo

NUTRIA*COYPU*

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Caldwell Zoo

no longer housed at Caldwell Zoo

Milwaukee County Zoological Gardens

We have never had this species in a mixed species exhibit.

MONGOLIAN GERBIL*Meriones unguiculatus*

Bronx Zoo/WCS

Knoxville Zoological Gardens

not mixed

Sunset Zoo

none**MOUNTAIN PACA***Agouti taczanowskii*

Cleveland Metroparks Zoo

Mixed with Species**Was the pairing Successful?****MOUSE-LIKE HAMSTER*****Calomyscus mystax***

Bronx Zoo/WCS

NAKED MOLE-RAT***Heterocephalus glaber***

Jacksonville Zoological Gardens

N/A

Brevard Zoo

NO

Bronx Zoo/WCS

Brookfield Zoo

NA

Cleveland Metroparks Zoo

Oglebay's Zoo

Oregon Zoo

St. Louis Zoological Park (Children's Zo)

The Living Desert

NORTH AMERICAN PORCUPINE***Erethizon dorsatum***

Zoo New England

NA river otter*Lontra canadensis*

NO

Didn't Work - 1.0 NA porcupine with 0.1 NA river otter that didn't work because the porcupine intimidated the otter by "appropriating" the exhibit and the otter stopped eating. No fighting.

Fort Worth Zoological Park

Ring-tailed Cacomistle*Bassariscus astutus*

YES

Great Plains Zoo and Delbridge Museum

American Crow

YES

Great Plains Zoo and Delbridge Museum

American Crow

YES

Minnesota Zoological Garden

Greathorned Owls

YES

San Diego Wild Animal Park

Black-tailed Praire Dog*Cynomys ludovicianus*

YES

mixed with North American porcupine

Sedgewick County Zoo

Turkey vulture

YES

Zoo Montana

Great-horned owl*Bubo virginianus*

YES

This is not a permanent mixed species display. The porcupine only spends the day with the bird(s) and returns to her holding at night. The porcupine does like to sleep in the owl's shelter.

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Zoo Montana	Turkey vulture	<i>Cathartes aura</i>	YES This is not a permanent mixed species display. The porcupine only spends the day with the bird(s) and returns to her holding at night. The porcupine does like to sleep in the owl's shelter.
Beardsley Zoo			Housed alone, currently none in collection.
Brookfield Zoo	NA		
Knoxville Zoological Gardens			we do not have
Milwaukee County Zoological Gardens			We have never had this species in a mixed species exhibit.
Utica Zoo			none
Zoo Montana			
NORTHERN FLYING SQUIRREL		<i>Glaucomys sabrinus</i>	
Zoo Montana			
NORTHERN GRASSHOPPER MOUSE		<i>Onychomys leucogaster</i>	
Arizona-Sonora Desert Museum			NO LONGER HAVE
NORTHERN PALM SQUIRREL		<i>Funambulus pennantii</i>	
Bronx Zoo/WCS			
NORWAY RAT		<i>Rattus norvegicus</i>	
Bronx Zoo/WCS			
Mesker Park Zoo			None (Education Animals)
Milwaukee County Zoological Gardens			Education animals, housed separately.
Minnesota Zoological Garden			
Oregon Zoo			
Scovill Zoo			
NUTRIA		<i>Myocastor coypus</i>	
Alexandria Zoo			N/A We currently have no Nutria at this time.
Topeka Zoo	ACOUCHI	<i>Myoprocta pratti</i>	YES All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Topeka Zoo	GIANT BLACK SQUIRREL	<i>Ratufa bicolor</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	MEXICAN PORCUPINE	<i>Coendu mex</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
St. Louis Zoological Park (Children's Zoo)	NO LONGER IN COLLECT			
PACA		<i>Agouti paca</i>		
Cleveland Metroparks Zoo				
PACARANA		<i>Dinomys branickii</i>		
Los Angeles Zoo	common piping guan	<i>Aburria pipile</i>	YES	No problems.
Cleveland Metroparks Zoo				
PATAGONIAN CAVY		<i>Dolichotis patagonum</i>		
Alexandria Zoo			YES	The Patagonian Cavy our housed in a mixed exhibit with Agouti, tapirs and chickens
Brevard Zoo	Giant Anteater	<i>Myrmecophaga tridactyla</i>	YES	Depends on individual, previous anteater showed aggression towards the cavies
Reid Park Zoo	common tapirs		YES	(2) Woodland park Zoo.
Reid Park Zoo	rheas		YES	(1) Brevard Zoo, Both exhibits worked well.
Santa Ana Zoo	Common Rhea	<i>Rhea americana</i>	YES	
Santa Ana Zoo	Guanaco	<i>Lama guanicoe</i>	YES	Cavies no longer in collection-moved out due to unmanagable biting fly problem with cavy ears. The mixed exhibit was very successful.
Tautphaus Park Zoo	greater rhea	<i>rhea americana</i>	YES	Cavies have access to burrow/barn allowing them to escape if the guanacos and rheas start running around exhibit.
Tautphaus Park Zoo	Guanaco	<i>lama guanicoe</i>	YES	Cavies have access to burrow/barn allowing them to escape if the guanacos and rheas start running around exhibit.
Utah's Hogle Zoo	Patagonian conure	<i>Cyanoliseus patagonus patagonus</i>	YES	No problems or concerns
Utah's Hogle Zoo	Picui ground dove	<i>Columbina picui</i>	YES	No problems or concerns
Utah's Hogle Zoo	Rufous-collard sparrow	<i>Zonotrichia capensis</i>	YES	No problems or concerns
Utah's Hogle Zoo	Saffron finch	<i>Sicalis flaveola</i>	YES	No problems or concerns

Mixed with Species**Was the pairing Successful?**

Sunset Zoo	none			
Utah's Hogle Zoo	Common gallinule	<i>Gallinula chloropus</i>		No problems or concerns
PREHENSILE-TAILED PORCUPINE				
		<i>Coendou prehensilis</i>		
Brandywine Zoo	golden head tamarins	<i>Leontopithecus chrysomelas</i>	NO	aggressive with porcupines
Brevard Zoo			NO	
Oglebay's Zoo	Cotton-top Tamarin	<i>Saguinus oedipus</i>	NO	Tamarins attacked porcupine. Porcupine climbed in tamarin nestbox. Porcupine went into nestbox and would quill tamarins. Box with smaller hole was given to tamarins, and things went well after that. Juvenile tamarins would also inspect the porcupine. Sometimes they would get quilled and scream, and the father tamarin would attack the porcupine and get filled with quills.
St. Louis Zoological Park (Children's Zoo)	three-banded armadillo	<i>Tolypeutes matacus</i>	NO	armadillo received many quills on two different occasions
Brandywine Zoo	goeldi monkeys	<i>callimico goeldii</i>	YES	fine, no problem
Brandywine Zoo	golden hand tamarins	<i>sanguinus midas</i>	YES	old, no problem
Bronx Zoo/WCS	Douroucoulis		YES	
Los Angeles Zoo	cotton-top tamarin	<i>Saguinus oedipus</i>	YES	Porcupines are in with both tamarins and armadillos. No problems at all.
Los Angeles Zoo	three-banded armadillo	<i>Tolypeutes matacus</i>	YES	
Mesker Park Zoo	Owl Monkey	<i>Aotus l. griseimembra</i>	YES	Mixed with Owl monkeys and Sloths separately - not all 3 at same time
Mesker Park Zoo	Two-Toed Sloths	<i>Choloepus didactylus</i>	YES	Mixed with Owl monkeys and Sloths separately - not all 3 at same time
Moody Gardens	Owl Monkey	<i>Aotus lemurinus</i>	YES	A few problems with quills, but nothing that requires medical attention.
Oglebay's Zoo	Hoffmann's two-toed sloth	<i>Choloepus hoffmanni</i>	YES	
Utah's Hogle Zoo	Black tufted-ear marmoset	<i>Callithrix kuhlii</i>	YES	Marmosetes do very well with the porcupine and agouti at the same time.
Utah's Hogle Zoo	Prevost squirrel	<i>Callosciurus prevostii</i>	YES	Successful with older, less aggressive males. Male got quilled a couple of itkes when new porcupine babies were born, but it was not serious
Utah's Hogle Zoo	Speckled mousebird	<i>Colius striatus</i>	YES	Mousebirds were only temporary, but they did very well.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Utah's Hogle Zoo	St.Vincent's agouti	<i>Dasyprocta leporina aguti</i>	YES	Agouti have been quilled on occasion, but no serious injury not here during my time
Baltimore Zoo				
Brandywine Zoo				
Central Florida Zoological Park	none			
Cleveland Metroparks Zoo				
Fort Worth Zoological Park	None			
Moody Gardens	Tamandua	<i>Tamandua tetradactyla</i>		
Tautphaus Park Zoo				

PREVOST'S SQUIRREL

Callosciurus prevostii

Oglebay's Zoo	Black-naped fruit dove	<i>Ptilinopus melanospila</i>	NO	Male squirrel chased
Oglebay's Zoo	Bleeding heart pigeon	<i>Gallucolumba luzonica</i>	NO	Male squirrel chased
Oglebay's Zoo	Crested wood partridge	<i>Rollulus roulroul</i>	NO	Male squirrel chased
Oglebay's Zoo	Greater Malayan chevrotai	<i>Tragulus napu</i>	NO	Male squirrel chased
Oglebay's Zoo	Green junglefowl	<i>Gallus varius</i>	NO	Male squirrel chased
Oglebay's Zoo	Palawan peacock pheasant	<i>Polyplectron emphanum</i>	NO	Male squirrel chased
Oglebay's Zoo	Pygmy slow loris	<i>Nycticebus pygmaeus</i>	NO	Male squirrel bit loris foot
Alexandria Zoo			YES	This specie is housed in a mixed exhibit with 1.0 Ring Necked Pheasant
Bronx Zoo/WCS	Malayan tapirs		YES	
Bronx Zoo/WCS	Many Asian bird species		YES	
Bronx Zoo/WCS	White-cheeked gibbons		YES	
Brookfield Zoo	Binturong	<i>Artictus binturong</i>	YES	Giant Asian Squirrel: some aggression from Prevosts towards males. RFB: some aggression towards bats when Prevosts were breeding.
Brookfield Zoo	Giant Asian Squirrel	<i>Ratufa bicolor</i>	YES	
Brookfield Zoo	Rodriguez Fruit Bat	<i>Pteropus rodricensis</i>	YES	
Brookfield Zoo	Small Clawed Otter	<i>Amblonyx cinereus</i>	YES	
Houston Zoo	Acouchi	<i>Myoprocta acouchy pratti</i>	YES	Squirrels will occasionally jump acouchis over food
Houston Zoo	Coquerel's mouse lemur	<i>Microcebus coquereli</i>	YES	
Houston Zoo	Pygmy slow loris	<i>Nycticebus pygmaeus</i>	YES	
Houston Zoo	Rock Hyrax	<i>Procavia capensis</i>	YES	

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Lincoln Park Zoo	Asian small-clawed otter	<i>Amblonyx cinereus</i>	YES	Squirrels occasionally steal fish from otters, otters occasionally ate rat chow! Only 1 altercation in 8 years, otter de-gloved last inch of squirrel's tail.
Los Angeles Zoo	Indian fruit bat	<i>Pteropus giganteus</i>	YES	Both species got along well. Did have to be creative in keeping squirrels out of bat food. Resolved that best by putting bat food out at night when squirrels sleeping.
Minnesota Zoological Garden	Larger Malayan Chevrotai	<i>Tragulus napu</i>	YES	Food stealing by Squirrels
Minnesota Zoological Garden	Slow loris	<i>Nycticebus coucang</i>	YES	Some aggression towards loris when squirrel has young in nest
Moody Gardens	Slow Loris	<i>Nycticebus coucang bengalensis</i>	YES	Need to provide a shift for squirrels for evening time to prevent food stealing from the loris. The squirrels will frequently steal loris food.
Oglebay's Zoo	Indian flying fox	<i>Pteropus giganteus</i>	YES	Yes
Oglebay's Zoo	Indian star tortoise	<i>Geochelone elegans</i>	YES	Yes
Oglebay's Zoo	Tokay gecko	<i>Gekko gekko</i>	YES	Yes
Santa Barbara Zoo	Reeve's muntjac	<i>Muntiacus reevesi</i>	YES	
Santa Barbara Zoo	Spectacled langur	<i>Trachypitecus obscurus</i>	YES	play interactions
Utah's Hogle Zoo	Prehensile tailed procupin	<i>Coendou prehensilis</i>	YES	Successful with older, less aggressive males. Male got quilled a couple of itkes when new porcupine babies were born, but it was not serious
Cleveland Metroparks Zoo				
Fort Wayne Children's Zoo	None			
Micke Grove Zoo				N/A
Sedgewick County Zoo				
St. Louis Zoological Park (Children's Zo				
Tautphaus Park Zoo				
Zoo Montana				

PYGMY AFRICAN GERBIL

Gerbillus perpallidus

Bronx Zoo/WCS

PYGMY RABBIT

Brachylagus idahoensis

Oregon Zoo

Mixed with Species

Was the pairing Successful?

PYGMY TREE SHREW

Tupaia minor

Cleveland Metroparks Zoo

Utah's Hogle Zoo

N/A

RAT

Rattus norvegicus domestic

Jacksonville Zoological Gardens

Cosley Zoo

N/A

Single species exhibit

REX RABBIT

Oryctolagus cuniculus rex

Baltimore Zoo

Cosley Zoo

not here during my time

Exhibited with other breeds of rabbits. Currently we exhibit a mini rex

Oglebay's Zoo

ROCK CAVY

Kerodon rupestris

Bronx Zoo/WCS

Utah's Hogle Zoo

N/A

ROCK HYRAX

Procavia capensis

Brookfield Zoo

Fennec Fox

NO

Ok for several months. Male hyrax became aggressive during breeding season.

Mixed with Species

Was the pairing Successful?

Oglebay's Zoo

Slender-tailed Meerkat

YES

Some aggression between male hyrax and meerkats when first introduced. Male hyrax was somewhat aggressive with meerkats when it was first introduced to the exhibit. Female hyraxes got along very well with meerkats. They would even curl up together when temperature would get cooler. Most of the aggression between the male hyrax and the meerkats occurred over a nestbox both species were trying to occupy. When nestboxes with holes small enough to keep the hyrax out were made, all got along well. Do have to provide enough enrichment for all animals, so there is no fighting. Male hyrax has also been pulled when meerkat kits are present.

Houston Zoo	Coquerel's mouse lemurs	
Houston Zoo	Prevost squirrels	need plenty of propping
Houston Zoo	Pygmy slow loris	
Houston Zoo	Spiny mice	worked really well

ROOF RAT

Rattus rattus

Brookfield Zoo	NA	
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SHORT-EARED ELEPHANT SHREW

Macroscelides proboscideus

Jacksonville Zoological Gardens		N/A
Knoxville Zoological Gardens		not mixed
The Living Desert		

SLENDER-TAILED CLOUD RAT

Phloeomys pallidus

Bronx Zoo/WCS		
Minnesota Zoological Garden		

SMITH'S BUSH SQUIRREL

Paraxerus cepapi

Bronx Zoo/WCS		
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Mixed with Species**Was the pairing Successful?****SOUTH AFRICAN HEDGEHOG*****Atelerix frontalis***

Baltimore Zoo				not here during my time
Beardsley Zoo				Housed alone.
Cosley Zoo				Have never exhibited.
Great Plains Zoo and Delbridge Museum				Education/housed individually
Great Plains Zoo and Delbridge Museum				Education/housed individually

SOUTHERN FLYING SQUIRREL***Glaucomys volans***

Bronx Zoo/WCS	Desert cottontail rabbit		YES	
Minnesota Zoological Garden	Cottontail rabbits	<i>Sylvilagus floridanus</i>	YES	
Central Florida Zoological Park	none			Education animal
Cosley Zoo				Have never exhibited
Mesker Park Zoo				None (Education Animals)
Mill Mountain Zoo				
Utah's Hogle Zoo	N/A			
Utica Zoo				

Spiny mice***Acomys***

Houston Zoo	Rock Hyrax			worked really well
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SPRINGHAAS***Pedetes capensis***

Mesker Park Zoo				None. Thought about putting in with fennec fox but never got up the nerve.
Brookfield Zoo	Aardwolf	<i>Proteles cristatus</i>	Maybe	
Brookfield Zoo	Fennec Fox	<i>Vulpes zerda</i>	NO	
Brookfield Zoo	Aardvark	<i>Orycteropus afer</i>	YES	Fennec fox tried to eat springhass. Aardwolf pick up springhass by the ears.
Milwaukee County Zoological Gardens	Mohol's bushbaby	<i>Galago moholi</i>	YES	Works well with little or no interaction between species.
St. Louis Zoological Park (Children's Zoo)	Leopard tortoise	<i>Geochelone pardalis</i>	YES	
Fort Worth Zoological Park	None			
Great Plains Zoo and Delbridge Museum				Education/housed individually
Great Plains Zoo and Delbridge Museum				Education/housed individually

Mixed with Species**Was the pairing Successful?****ST VINCENT AGOUTI*****Dasyprocta leporina aguti***

Lincoln Park Zoo	Pileated jay sp.		NO	There was competition for the food source when mixed with a pileated jay species
Moody Gardens	Cotton top tamarins		NO	
Moody Gardens	Fish		NO	The agouti appeared to be too shy and skittish around guests walking on pathway near his feed station. Often found hiding and was stressed easily.
Moody Gardens	Free flight birds		NO	
Moody Gardens	Sloths		NO	
Alexandria Zoo			YES	The Agouti our housed in a mixed exhibit with cavy, tapir, and chickens.
Los Angeles Zoo	black howler monkey	<i>Alouatta caraya</i>	YES	
Los Angeles Zoo	southern pudu	<i>Pudu puda</i>	YES	No problems with any of these species.
Los Angeles Zoo	white-faced saki	<i>Pithecia pithecia</i>	YES	
Oregon Zoo	Black howler monkey	<i>Alouatta caraya</i>	YES	
Oregon Zoo	Dwarf caiman	<i>Paleosuchus palpebrosus</i>	YES	
Oregon Zoo	Swainson's toucan	<i>Ramphastos swainsonii</i>	YES	
Oregon Zoo	White-faced saki	<i>Pithecia pithecia</i>	YES	
Santa Ana Zoo	Channel billed Toucan	<i>Ramphastos vitellinus</i>	YES	
Santa Ana Zoo	Green iguana	<i>Iguana iguana</i>	YES	
Santa Ana Zoo	Hoffmans Sloth	<i>Choloepus hoffmanni</i>	YES	
Santa Ana Zoo	White faced Saki	<i>Pithecia pithecia</i>	YES	This is a current exhibit situation.
St. Louis Zoological Park (Children's Zoo)	Golden headed lion tamarin	<i>Leontopithecus chrysomelas</i>	YES	
St. Louis Zoological Park (Children's Zoo)	Linne's two-toed sloth	<i>Choloepus didactylus</i>	YES	
St. Louis Zoological Park (Children's Zoo)	pygmy marmoset	<i>Callithrix p. pygmaea</i>	YES	
Jacksonville Zoological Gardens	0.1 gray-winged trumpeter			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	0.1 red-legged seriema			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	0.2 gray-necked wood rail:			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	0.2 white-headed piping g:			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	1.1 Chilean pudu			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	2.0 blue-knobbed curasso'			Neotropical walk-through aviary. No problems.

	<u>Mixed with Species</u>	<u>Was the pairing Successful?</u>
Jacksonville Zoological Gardens	fish	Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	many other bird species	Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	turtles	Neotropical walk-through aviary. No problems.
<hr/>		
	STAR-NOSED MOLE	<i>Condylura cristata</i>
Beardsley Zoo		None in collection.
<hr/>		
	STRIPED HAIRY-FOOTED HAMSTER	<i>Phodopus sungorus</i>
Bronx Zoo/WCS		
<hr/>		
	THIRTEEN-LINED GROUND SQUIRREL	<i>Spermophilus tridecemlineatus</i>
Cosley Zoo		Have never exhibited
<hr/>		
	UTAH PRAIRIE DOG	<i>Cynomys parvidens</i>
Utah's Hogle Zoo	N/A	
<hr/>		
	VARIEGATED ROCK SQUIRREL	<i>Spermophilus variegatus</i>
Utah's Hogle Zoo	N/A	
<hr/>		
	WESTERN EUROPEAN HEDGEHOG	<i>Erinaceus europaeus</i>
Jacksonville Zoological Gardens		N/A
Brookfield Zoo	NA	
<hr/>		
	WHITE-TAILED ANTELOPE SQUIRREL	<i>Ammospermophilus leucurus</i>
The Living Desert		
<hr/>		
	WHITE-TAILED PRAIRIE DOG	<i>Cynomys leucurus</i>
Zoo Montana		
<hr/>		
	WHITE-THROATED WOODRAT	<i>Neotoma albigula</i>
Arizona-Sonora Desert Museum		N/A
<hr/>		

Mixed with Species

Was the pairing Successful?

WOODCHUCK

Marmota monax

Emporia Zoo			N/A	hand raised
Brookfield Zoo	Raccoon	<i>Procyon lotor</i>	YES	Housed in large outside grotto. These species have been housed together for over 20 years.
Brookfield Zoo	Striped Skunk	<i>Mephitis mephitis</i>	YES	
Mesker Park Zoo				None (Nothing to put w/him)
Milwaukee County Zoological Gardens				Education animals, housed separately.
St. Louis Zoological Park (Children's Zo				

WOODLAND DORMOUSE

Graphiurus murinus

Bronx Zoo/WCS				
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YELLOW-BELLIED MARMOT

Marmota flaviventris

Utah's Hogle Zoo	N/A			
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ZEBRA MOUSE

Lemniscomys barbarus

Bronx Zoo/WCS				
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RTAG Mixed Species Survey Sorted by Scientific Name

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>		
Acomys		Spiny mice		
Houston Zoo	Rock Hyrax			worked really well
Acomys cahirinus		CAIRO SPINY MOUSE		
Los Angeles Zoo	Not mixed w/ any other sp			
The Living Desert				
Acomys nubilis		EGYPTIAN SPINY MOUSE		
Bronx Zoo/WCS				
Agouti paca		PACA		
Cleveland Metroparks Zoo				
Agouti taczanowskii		MOUNTAIN PACA		
Cleveland Metroparks Zoo				
Ammospermophilus harrisi		HARRIS' ANTELOPE SQUIRREL		
Houston Zoo	Acouchi	<i>Myoprocta acouchy pratti</i>	NO	acouchi attacked squirrel
Houston Zoo	Gambel's quail	<i>Callipepla gambelii</i>	NO	Quail scared easy and hit glass
Houston Zoo	Pancake tortoise	<i>Malacochersus tornieri</i>	NO	Squirrels chewed on tortoise's shell
Houston Zoo	Golden Lion Tamarins	<i>Leontopithecus rosalia</i>	YES	
Houston Zoo	Pygmy Marmosets	<i>Callithrix pygmaea</i>	YES	
Arizona-Sonora Desert Museum				N/A
Ammospermophilus leucurus		WHITE-TAILED ANTELOPE SQUIRREL		
The Living Desert				
Atelerix albiventris		HEDGEHOG		
Alexandria Zoo			N/A	This species is housed alone at this time.
San Diego Wild Animal Park			No attemp	
Zoo New England	Potto	<i>Perodicticus potto</i>	YES	No problems seen between 1 hedgehog and 1 potto. Would try again if animals available.

Mixed with Species**Was the pairing Successful?**

Caldwell Zoo		0.1.0 hedgehog/education animal--not in mixed species exhibit
Central Florida Zoological Park	none	Education animal
Cleveland Metroparks Zoo		
Emporia Zoo		
Fort Wayne Children's Zoo	None	Education Animal
Los Angeles Zoo	Not mixed w/ any other sp	
Mesker Park Zoo		None (Education Animals)
Minnesota Zoological Garden		
Oglebay's Zoo		
Oregon Zoo		
Reid Park Zoo	None	Education/breeding animals
Santa Ana Zoo		not mixed
Scovill Zoo		
Sunset Zoo		none
Tautphaus Park Zoo		
Utah's Hogle Zoo	N/A	
Zoo Montana		

Atelerix algirus**ALGERIAN HEDGEHOG**

Knoxville Zoological Gardens		not mixed
St. Louis Zoological Park (Children's Zoo)		

Atelerix frontalis**SOUTH AFRICAN HEDGEHOG**

Baltimore Zoo		not here during my time
Beardsley Zoo		Housed alone.
Cosley Zoo		Have never exhibited.
Great Plains Zoo and Delbridge Museum		Education/housed individually
Great Plains Zoo and Delbridge Museum		Education/housed individually

Atherurus africanus**AFRICAN BRUSH-TAILED PORCUPINE**

Bronx Zoo/WCS	Bay duikers	YES
Bronx Zoo/WCS	Moholi galagos	YES
Bronx Zoo/WCS	Rodriquez fruit bats	YES

Mixed with Species**Was the pairing Successful?****Brachylagus idahoensis****PYGMY RABBIT**

Oregon Zoo

Callosciurus prevostii**PREVOST'S SQUIRREL**

Oglebay's Zoo	Black-naped fruit dove	<i>Ptilinopus melanospila</i>	NO	Male squirrel chased
Oglebay's Zoo	Bleeding heart pigeon	<i>Gallicolumba luzonica</i>	NO	Male squirrel chased
Oglebay's Zoo	Crested wood partridge	<i>Rollulus roulroul</i>	NO	Male squirrel chased
Oglebay's Zoo	Greater Malayan chevrotai	<i>Tragulus napu</i>	NO	Male squirrel chased
Oglebay's Zoo	Green junglefowl	<i>Gallus varius</i>	NO	Male squirrel chased
Oglebay's Zoo	Palawan peacock pheasant	<i>Polyplectron emphanum</i>	NO	Male squirrel chased
Oglebay's Zoo	Pygmy slow loris	<i>Nycticebus pygmaeus</i>	NO	Male squirrel bit loris foot
Alexandria Zoo			YES	This specie is housed in a mixed exhibit with 1.0 Ring Necked Pheasant
Bronx Zoo/WCS	Malayan tapirs		YES	
Bronx Zoo/WCS	Many Asian bird species		YES	
Bronx Zoo/WCS	White-cheeked gibbons		YES	
Brookfield Zoo	Binturong	<i>Artictus binturong</i>	YES	Giant Asian Squirrel: some aggression from Prevosts towards males. RFB: some aggression towards bats when Prevosts were breeding.
Brookfield Zoo	Giant Asian Squirrel	<i>Ratufa bicolor</i>	YES	
Brookfield Zoo	Rodriguez Fruit Bat	<i>Pteropus rodricensis</i>	YES	
Brookfield Zoo	Small Clawed Otter	<i>Amblonyx cinereus</i>	YES	
Houston Zoo	Acouchi	<i>Myoprocta acouchy pratti</i>	YES	Squirrels will occasionally jump acouchis over food
Houston Zoo	Coquerel's mouse lemur	<i>Microcebus coquereli</i>	YES	
Houston Zoo	Pygmy slow loris	<i>Nycticebus pygmaeus</i>	YES	
Houston Zoo	Rock Hyrax	<i>Procavia capensis</i>	YES	
Lincoln Park Zoo	Asian small-clawed otter	<i>Amblonyx cinereus</i>	YES	Squirrels occasionally steal fish from otters, otters occasionally ate rat chow! Only 1 altercation in 8 years, otter de-gloved last inch of squirrel's tail.
Los Angeles Zoo	Indian fruit bat	<i>Pteropus giganteus</i>	YES	Both species got along well. Did have to be creative in keeping squirrels out of bat food. Resolved that best by putting bat food out at night when squirrels sleeping.
Minnesota Zoological Garden	Larger Malayan Chevrotai	<i>Tragulus napu</i>	YES	Food stealing by Squirrels

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Minnesota Zoological Garden	Slow loris	<i>Nycticebus coucang</i>	YES	Some aggression towards loris when squirrel has young in nest
Moody Gardens	Slow Loris	<i>Nycticebus coucang bengalensis</i>	YES	Need to provide a shift for squirrels for evening time to prevent food stealing from the loris. The squirrels will frequently steal loris food.
Oglebay's Zoo	Indian flying fox	<i>Pteropus giganteus</i>	YES	Yes
Oglebay's Zoo	Indian star tortoise	<i>Geochelone elegans</i>	YES	Yes
Oglebay's Zoo	Tokay gecko	<i>Gekko gekko</i>	YES	Yes
Santa Barbara Zoo	Reeve's muntjac	<i>Muntiacus reevesi</i>	YES	
Santa Barbara Zoo	Spectacled langur	<i>Trachypitecus obscurus</i>	YES	play interactions
Utah's Hogle Zoo	Prehensile tailed procupin	<i>Coendou prehensilis</i>	YES	Successful with older, less aggressive males. Male got quilled a couple of itkes when new porcupine babies were born, but it was not serious
Cleveland Metroparks Zoo				
Fort Wayne Children's Zoo	None			
Micke Grove Zoo				N/A
Sedgewick County Zoo				
St. Louis Zoological Park (Children's Zo				
Tautphaus Park Zoo				
Zoo Montana				

Calomyscus mystax

MOUSE-LIKE HAMSTER

Bronx Zoo/WCS

Castor canadensis

AMERICAN BEAVER

Emporia Zoo	American Beaver		N/A	hand raised
Oregon Zoo	Barrow's goldeneye	<i>Bucephala islandica</i>	YES	
Oregon Zoo	Common goldeneye	<i>Bucephala clangula</i>	YES	
Oregon Zoo	Hooded margsener	<i>Mergus cucullatus</i>	YES	
Oregon Zoo	Ring-neck duck	<i>Aythya collaris</i>	YES	
Arizona-Sonora Desert Museum				N/A
Cleveland Metroparks Zoo				
Knoxville Zoological Gardens	cattle egrets			exhibit not open yet
Knoxville Zoological Gardens	migratory songbirds			exhibit not open yet
Knoxville Zoological Gardens	wood ducks			exhibit not open yet
Minnesota Zoological Garden				

Mixed with Species**Was the pairing Successful?**

<i>Cavia aperea</i>		CAVY		
Zoo New England	Capybara		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Flamingos		YES	Cavies (several) with waterfowl and flamingos. Successful.
Zoo New England	Magellan geese		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Rheas		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Bronx Zoo/WCS				
<i>Cavia aperea pamparum</i>		CAVY		
Scovill Zoo				
<i>Cavia porcellus</i>		GUINEA PIG		
Caldwell Zoo				0.2.0 guinea pig/education animals--not in mixed species exhibit
<i>Cavia porcellus</i>		GUINEA PIG		
Brevard Zoo			NO	
Brookfield Zoo	Domestic Rabbit	<i>Oryctolagus cuniculus</i>	YES	done is a supervised outdoor setting for the past 3 years.
Brandywine Zoo				outreach animals
Cleveland Metroparks Zoo				
Cosley Zoo				Have never exhibited
Knoxville Zoological Gardens				not mixed- education animal
Los Angeles Zoo Not mixed with any other :				
Milwaukee County Zoological Gardens				Education animals, housed separately.
Minnesota Zoological Garden				
Santa Ana Zoo				not mixed
St. Louis Zoological Park (Children's Zo				
<i>Chinchilla</i>		CHINCHILLA		
Baltimore Zoo				not here during my time

Mixed with Species**Was the pairing Successful?**

Brandywine Zoo				outreach animals
Great Plains Zoo and Delbridge Museum				Education/housed individually
Great Plains Zoo and Delbridge Museum				Education/housed individually
Knoxville Zoological Gardens				not mixed- education animal

Chinchilla brevicaudata**CHINCHILLA**

Brevard Zoo				NO
Sedgewick County Zoo				
Sunset Zoo	none			

Chinchilla lanigera**CHINCHILLA**

Emporia Zoo	Chinchilla			N/A	all male
Jacksonville Zoological Gardens				N/A	
Brookfield Zoo	Degu	<i>Octodon degus</i>		YES	2 males degus housed with castrated male chinchilla as
Bronx Zoo/WCS					
Caldwell Zoo					
Central Florida Zoological Park	none				Education animal
Cleveland Metroparks Zoo					
Fort Wayne Children's Zoo	None				Education Animal
Minnesota Zoological Garden					
Oglebay's Zoo					
Santa Ana Zoo					not mixed
Scovill Zoo					
St. Louis Zoological Park (Children's Zo					
Tautphaus Park Zoo					
Utah's Hogle Zoo	N/A				
Utica Zoo					
Zoo New England					no

Coendou prehensilis**PREHENSILE-TAILED PORCUPINE**

Brandywine Zoo	golden head tamarins	<i>Leontopithecus chrysomelas</i>		NO	aggressive with porcupines
Brevard Zoo				NO	

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Oglebay's Zoo	Cotton-top Tamarin	<i>Saguinus oedipus</i>	NO	Tamarins attacked porcupine. Porcupine climbed in tamarin nestbox. Porcupine went into nestbox and would quill tamarins. Box with smaller hole was given to tamarins, and things went well after that. Juvenile tamarins would also inspect the porcupine. Sometimes they would get quilled and scream, and the father tamarin would attack the porcupine and get filled with quills.
St. Louis Zoological Park (Children's Zoo)	three-banded armadillo	<i>Tolypeutes matacus</i>	NO	armadillo received many quills on two different occasions
Brandywine Zoo	goeldi monkeys	<i>callimico goeldii</i>	YES	fine, no problem
Brandywine Zoo	golden hand tamarins	<i>sanguinus midas</i>	YES	old, no problem
Bronx Zoo/WCS	Douroucoulis		YES	
Los Angeles Zoo	cotton-top tamarin	<i>Saguinus oedipus</i>	YES	Porcupines are in with both tamarins and armadillos. No problems at all.
Los Angeles Zoo	three-banded armadillo	<i>Tolypeutes matacus</i>	YES	
Mesker Park Zoo	Owl Monkey	<i>Aotus l. griseimembra</i>	YES	Mixed with Owl monkeys and Sloths separately - not all 3 at same time
Mesker Park Zoo	Two-Toed Sloths	<i>Choloepus didactylus</i>	YES	Mixed with Owl monkeys and Sloths separately - not all 3 at same time
Moody Gardens	Owl Monkey	<i>Aotus lemurinus</i>	YES	A few problems with quills, but nothing that requires medical attention.
Oglebay's Zoo	Hoffmann's two-toed sloth	<i>Choloepus hoffmanni</i>	YES	
Utah's Hogle Zoo	Black tufted-ear marmoset	<i>Callithrix kuhlii</i>	YES	Marmosets do very well with the porcupine and agouti at the same time.
Utah's Hogle Zoo	Prevost squirrel	<i>Callosciurus prevostii</i>	YES	Successful with older, less aggressive males. Male got quilled a couple of itkes when new porcupine babies were born, but it was not serious
Utah's Hogle Zoo	Speckled mousebird	<i>Colius striatus</i>	YES	Mousebirds were only temporary, but they did very well.
Utah's Hogle Zoo	St.Vincent's agouti	<i>Dasyprocta leporina aguti</i>	YES	Agouti have been quilled on occasion, but no serious injury
Baltimore Zoo				not here during my time
Brandywine Zoo				
Central Florida Zoological Park	none			
Cleveland Metroparks Zoo				

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Fort Worth Zoological Park	Burrowing Owls	<i>Athene cunicularia hypugaea</i>	YES	
San Diego Wild Animal Park	Canadian porcupine	<i>Erethizon d. dorsatum</i>	YES	mixed with prairie dog
Sedgewick County Zoo	Bison	<i>Bison bison</i>	YES	Prairie dogs escaped from original exhibit and live in with bison and pronghorn
Sedgewick County Zoo	Pronghorn	<i>Antilocapra americana</i>	YES	Prairie dogs escaped from original exhibit and live in with bison and pronghorn
Sedgewick County Zoo	Sandhill crane		YES	Prairie dogs escaped from original exhibit and live in with bison and pronghorn
Sunset Zoo	box turtles (various ssp.)	<i>Tarapene ornata</i>	YES	
Sunset Zoo	burrowing owl	<i>Speotyto cunicularia</i>	YES	
Sunset Zoo	turkey vulture	<i>Cathartes aura</i>	YES	Exhibit space (amount and quality) must be evaluated to house p-dogs and burrowing owls.
Arizona-Sonora Desert Museum				N/A
Beardsley Zoo				Housed alone.
Central Florida Zoological Park	none			Education animal
Fort Wayne Children's Zoo	None			
Great Plains Zoo and Delbridge Museum				Exhibited as a colony
Great Plains Zoo and Delbridge Museum				Exhibited as a colony
Knoxville Zoological Gardens				not mixed
Los Angeles Zoo	Not mixed with any other s			
Mesker Park Zoo				None
Mill Mountain Zoo				
Scovill Zoo				
St. Louis Zoological Park (Children's Zo				
Zoo New England				no
<i>Cynomys parvidens</i> UTAH PRAIRIE DOG				
Utah's Hogle Zoo	N/A			
<i>Dasyprocta</i> AGOUTI				
Scovill Zoo				
<i>Dasyprocta cristata</i> AGOUTI				
Brevard Zoo	Hyacinth Macaw	<i>Anodorhynchus hyacinthinus</i>	YES	
Cleveland Metroparks Zoo				

Mixed with Species**Was the pairing Successful?*****Dasyprocta leporina*****BRAZILIAN AGOUTI**

Zoo New England	Coatis	NO	Some years ago we tried agoutis with coatis but the coatis were too aggressive toward the agoutis.
Reid Park Zoo	Macaw	YES	Brevard zoo. Worked well.
Mesker Park Zoo	Agouti (brother)		killed before mixed with others
Mesker Park Zoo	Curassow		Not a problem yet
Mesker Park Zoo	Red hand Tamari		This one just killed one of the tamarins after being together for over a year.
Minnesota Zoological Garden			for future; mixed exh. with tamarin, sloth exhibit not complete yet so I cannot say if it will work or not

Dasyprocta leporina**BRAZILIAN AGOUTI**

Oglebay's Zoo	Chicken	NO	Chicken was put in the exhibit to see if any species of galliformes from South America could be added to the exhibit. The agoutis chased the chicken as soon as it came to the ground. Tamarins were fine with the chicken as was the iguana.
Oglebay's Zoo	Green Aracari	NO	Agoutis killed green aracari that fell to ground. Believe that attack was due to the aracari startling the agoutis when it fell to the ground.
Oglebay's Zoo	Cotton-top Tamarin	YES	
Oglebay's Zoo	Green Iguana	YES	

Dasyprocta leporina agouti**ST VINCENT AGOUTI**

Moody Gardens	Cotton top tamarins	NO	
Moody Gardens	Fish	NO	The agouti appeared to be too shy and skittish around guests walking on pathway near his feed station. Often found hiding and was stressed easily.
Moody Gardens	Free flight birds	NO	
Moody Gardens	Sloths	NO	

Mixed with Species**Was the pairing Successful?*****Dasyprocta leporina aguti*****ST VINCENT AGOUTI**

Lincoln Park Zoo	Pileated jay sp.		NO	There was competition for the food source when mixed with a pileated jay species
Alexandria Zoo			YES	The Agouti our housed in a mixed exhibit with cavy, tapir, and chickens.
Los Angeles Zoo	black howler monkey	<i>Alouatta caraya</i>	YES	
Los Angeles Zoo	southern pudu	<i>Pudu pudu</i>	YES	No problems with any of these species.
Los Angeles Zoo	white-faced saki	<i>Pithecia pithecia</i>	YES	
Oregon Zoo	Black howler monkey	<i>Alouatta caraya</i>	YES	
Oregon Zoo	Dwarf caiman	<i>Paleosuchus palpebrosus</i>	YES	
Oregon Zoo	Swainson's toucan	<i>Ramphastos swainsonii</i>	YES	
Oregon Zoo	White-faced saki	<i>Pithecia pithecia</i>	YES	
Santa Ana Zoo	Channel billed Toucan	<i>Ramphastos vitellinus</i>	YES	
Santa Ana Zoo	Green iguana	<i>Iguana iguana</i>	YES	
Santa Ana Zoo	Hoffmans Sloth	<i>Choloepus hoffmanni</i>	YES	
Santa Ana Zoo	White faced Saki	<i>Pithecia pithecia</i>	YES	This is a current exhibit situation.
St. Louis Zoological Park (Children's Zoo)	Golden headed lion tamarin	<i>Leontopithecus chrysomelas</i>	YES	
St. Louis Zoological Park (Children's Zoo)	Linne's two-toed sloth	<i>Choloepus didactylus</i>	YES	
St. Louis Zoological Park (Children's Zoo)	pygmy marmoset	<i>Callithrix p. pygmaea</i>	YES	
Jacksonville Zoological Gardens	0.1 gray-winged trumpeter			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	0.1 red-legged seriema			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	0.2 gray-necked wood rail			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	0.2 white-headed piping g			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	1.1 Chilean pudu			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	2.0 blue-knobbed curasso			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	fish			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	many other bird species			Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	turtles			Neotropical walk-through aviary. No problems.

Mixed with Species**Was the pairing Successful?*****Dasyprocta punctata*****AGOUTI**

Sacramento Zoo				We have had no experience with mixing this species with any others
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Dinomys branickii**PACARANA**

Los Angeles Zoo	common piping guan	<i>Aburria pipile</i>	YES	No problems.
Cleveland Metroparks Zoo				

Dipodomys insularis**KANGAROO RAT**

Utica Zoo	Desert Iguana	<i>Dipsosaurus dorsalis</i>	YES	no problems between these species
Utica Zoo	Zebra-tailed Lizard	<i>Callisaurus draconoides</i>	YES	
North Carolina Zoological Park				Housed alone, not in mixed species exhibit.

Dipodomys merriami**MERRIAM'S KANGAROO RAT**

Arizona-Sonora Desert Museum				N/A
Bronx Zoo/WCS				
Fort Worth Zoological Park	None			Single species exhibit
St. Louis Zoological Park (Children's Zoo)				
The Living Desert				

Dolichotis patagonum**PATAGONIAN CAVY**

Alexandria Zoo			YES	The Patagonian Cavy our housed in a mixed exhibit with Agouti, tapirs and chickens
Brevard Zoo	Giant Anteater	<i>Myrmecophaga tridactyla</i>	YES	Depends on individual, previous anteater showed aggression towards the cavies
Reid Park Zoo	common tapirs		YES	(2) Woodland park Zoo.
Reid Park Zoo	rheas		YES	(1) Brevard Zoo, Both exhibits worked well.
Santa Ana Zoo	Common Rhea	<i>Rhea americana</i>	YES	
Santa Ana Zoo	Guanaco	<i>Lama guanicoe</i>	YES	Cavies no longer in collection-moved out due to unmanagable biting fly problem with cavy ears. The mixed exhibit was very successful.
Tautphaus Park Zoo	greater rhea	<i>rhea americana</i>	YES	Cavies have access to burrow/barn allowing them to escape if the guanacos and rheas start running around exhibit.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Tautphaus Park Zoo	Guanaco	<i>lama guanicoe</i>	YES	Cavies have access to burrow/barn allowing them to escape if the guanacos and rheas start running around exhibit.
Utah's Hogle Zoo	Patagonian conure	<i>Cyanoliseus patagonus patagonus</i>	YES	No problems or concerns
Utah's Hogle Zoo	Picui ground dove	<i>Columbina picui</i>	YES	No problems or concerns
Utah's Hogle Zoo	Rufous-collard sparrow	<i>Zonotrichia capensis</i>	YES	No problems or concerns
Utah's Hogle Zoo	Saffron finch	<i>Sicalis flaveola</i>	YES	No problems or concerns
Sunset Zoo	none			
Utah's Hogle Zoo	Common gallinule	<i>Gallinula chloropus</i>		No problems or concerns
<i>Echinops telfairi</i>		LESSER MADAGASCAR HEDGEHOG TENREC		
Jacksonville Zoological Gardens			N/A	
Bronx Zoo/WCS	Lesser mouse lemurs		YES	
Houston Zoo	Coquerel's mouse lemur	<i>Microcebus coquereli</i>	YES	
Caldwell Zoo				no longer housed at Caldwell Zoo
Central Florida Zoological Park	none			Education animal
Cleveland Metroparks Zoo				
Emporia Zoo				Education 0.1; 12 years old
Minnesota Zoological Garden	Standings day gecko			food stealing problems: tenrecs eating most f the gecko crickets
Reid Park Zoo	None			Education animal
Santa Barbara Zoo				
Scovill Zoo				
Utah's Hogle Zoo	N/A			
Utica Zoo				none
<i>Erethizon dorsatum</i>		NORTH AMERICAN PORCUPINE		
Milwaukee County Zoological Gardens				We have never had this species in a mixed species exhibit.
<i>Erethizon dorsatum</i>		NORTH AMERICAN PORCUPINE		
Zoo New England	NA river otter	<i>Lontra canadensis</i>	NO	Didn't Work - 1.0 NA porcupine with 0.1 NA river otter that didn't work because the porcupine intimidated the otter by "appropriating" the exhibit and the otter stopped eating. No fighting.
Fort Worth Zoological Park	Ring-tailed Cacomistle	<i>Bassariscus astutus</i>	YES	

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Minnesota Zoological Garden	Greathorned Owls		YES
San Diego Wild Animal Park	Black-tailed Prairie Dog	<i>Cynomys ludovicianus</i>	YES mixed with North American porcupine
Sedgewick County Zoo	Turkey vulture		YES
Zoo Montana	Great-horned owl	<i>Bubo virginianus</i>	YES This is not a permanent mixed species display. The porcupine only spends the day with the bird(s) and returns to her holding at night. The porcupine does like to sleep in the owl's shelter.
Zoo Montana	Turkey vulture	<i>Cathartes aura</i>	YES This is not a permanent mixed species display. The porcupine only spends the day with the bird(s) and returns to her holding at night. The porcupine does like to sleep in the owl's shelter.
Beardsley Zoo			Housed alone, currently none in collection.
Brookfield Zoo	NA		
Knoxville Zoological Gardens			we do not have
Utica Zoo			none
Zoo Montana			
<i>Erethizon dorsatum couesi</i>		NORTH AMERICAN PORCUPINE	
Great Plains Zoo and Delbridge Museum	American Crow		YES
Great Plains Zoo and Delbridge Museum	American Crow		YES
<i>Erinaceus europaeus</i>		WESTERN EUROPEAN HEDGEHOG	
Jacksonville Zoological Gardens			N/A
Brookfield Zoo	NA		
<i>Funambulus pennantii</i>		NORTHERN PALM SQUIRREL	
Bronx Zoo/WCS			
<i>Gerbillus perpallidus</i>		PYGMY AFRICAN GERBIL	
Bronx Zoo/WCS			
<i>Glaucomys sabrinus</i>		NORTHERN FLYING SQUIRREL	
Zoo Montana			

Mixed with Species**Was the pairing Successful?****Glaucomys volans****SOUTHERN FLYING SQUIRREL**

Bronx Zoo/WCS	Desert cottontail rabbit		YES	
Minnesota Zoological Garden	Cottontail rabbits	<i>Sylvilagus floridanus</i>	YES	
Central Florida Zoological Park	none			Education animal
Cosley Zoo				Have never exhibited
Mesker Park Zoo				None (Education Animals)
Mill Mountain Zoo				
Utah's Hogle Zoo	N/A			

Glaucomys volans volans**SOUTHERN FLYING SQUIRREL**

Utica Zoo				
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Graphiurus murinus**WOODLAND DORMOUSE**

Bronx Zoo/WCS				
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Heterocephalus glaber**NAKED MOLE-RAT**

Jacksonville Zoological Gardens			N/A	
Brevard Zoo			NO	
Bronx Zoo/WCS				
Brookfield Zoo	NA			
Cleveland Metroparks Zoo				
Oglebay's Zoo				
Oregon Zoo				
St. Louis Zoological Park (Children's Zo				
The Living Desert				

Hydrochaeris hydrochaeris**CAPYBARA**

Milwaukee County Zoological Gardens	King Vulture	<i>Sarcorhamphus papa</i>	YES	
Milwaukee County Zoological Gardens	Alpaca	<i>Lama pacos</i>	Yes / No	Depending on the individual capybaras, sometimes it has worked. Other times capybaras have been very aggressive to the other animals.
Milwaukee County Zoological Gardens	Baird's Tapir	<i>Tapirus bairdii</i>	Yes / No	
Milwaukee County Zoological Gardens	Patagonian Cavy	<i>Dolichotis patagonum</i>	Yes / No	
Jacksonville Zoological Gardens	1.1 Baird's tapirs and			No problems.

Mixed with Species**Was the pairing Successful?****Hydrochaeris hydrochaeris****CAPYBARA**

Emporia Zoo			N/A	0.2
Zoo New England	Baird's tapir	<i>Tapirus bairdii</i>	NO	Not compatible, aggression, chased each other.
Zoo New England	Llama	<i>Llama glama</i>	NO	Capy aggressive to llama, bit him. No serious problems. The biting occurred primarily because the llama was an older animal that liked to lie down and the capy would try to intimidate him by biting him.
Rolling Hills Zoo	Maned wolf		We have r	
Alexandria Zoo			YES	The Capy Bara are currently housed in a mixed exhibit with ducks and turkeys
Beardsley Zoo	Lesser Magellan goose	<i>Chloephaga picta picta</i>	YES	Geese nested, hatched and raised young.
Brandywine Zoo	cara cara bird		YES	no problems with any species
Brandywine Zoo	various ducks		YES	no problems with any species
Brandywine Zoo	various turtles		YES	no problems with any species
Brevard Zoo	Bahama Pintail	<i>Anas b. bahamensis</i>	YES	
Brevard Zoo	Black bellied whistling duck	<i>Dendrocygna autumnalis</i>	YES	
Brevard Zoo	Coscoroba swan	<i>Coscoroba coscoroba</i>	YES	
Caldwell Zoo	American White Ibis	<i>Eudocimus albus</i>	YES	
Caldwell Zoo	Common Squirrel Monkey	<i>Saimiri sciureus</i>	YES	
Caldwell Zoo	Giant Anteater	<i>Myrmecophaga tridactyla</i>	YES	
Caldwell Zoo	King Vulture	<i>Sarcohampus papa</i>	YES	
Caldwell Zoo	Northern Helmeted Curassow	<i>Crax pauxi pauxi</i>	YES	
Caldwell Zoo	Red-legged Seriema	<i>Cariama cristata</i>	YES	
Caldwell Zoo	Ringed Teal	<i>Callonetta leucophrys</i>	YES	
Caldwell Zoo	Sharp-winged Teal	<i>Anas flavirostris oxyptera</i>	YES	
Detroit Zoo	Alpaca and Brazilian tapir:		YES	Single handraised capybara with two female alpaca and a male and female tapir. High strung female
Detroit Zoo	Giant Anteater		YES	Single males and a single handraised female capybara introduced at separate time to 1.2 giant anteaters.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>
Detroit Zoo	Guanacos, Brazilian tapirs		YES Separate but connected location, (Belle Isle Zoo) three male capybaras were housed with seven male guanaco. Some fighting occurred and male capybaras displayed displaced aggression towards one another.
Detroit Zoo	Ponticherry vulture, Rheas		YES
Detroit Zoo	Pudu		YES Single male capybara housed with single male Pudu. They really like each others company, sleep with each other and have copulated. The pudu was the copulator.
Detroit Zoo	Ring tailed Coati and Pudu		YES Single male capybara introduced to single male coati and Pudu. Worked very well until coati escaped exhibit and was moved.
Santa Ana Zoo	Black howler monkey	<i>Alouatta caraya</i>	YES This is a current exhibit situation.
Santa Ana Zoo	Black necked Swan	<i>Cygnus melanocoryphys</i>	YES
Santa Ana Zoo	Capuchin monkey	<i>Cebus apella</i>	YES
Santa Ana Zoo	Crested Screamer	<i>Chauna torquata</i>	YES
Santa Barbara Zoo	Agouti	<i>Myoprocta</i>	YES
Scovill Zoo	Blue & Gold Macaw	<i>Ara ararauna</i>	YES our macaw grooms the capy's, they all eat our of same food tub (their choice to, more are offered)
Scovill Zoo	Green Iguana	<i>Iguana iguana</i>	YES
Sedgewick County Zoo	Baird's tapir	<i>Tapirus bairdii</i>	YES some aggression both ways
St. Louis Zoological Park (Children's Zoo)	Giant anteater	<i>Myrmecophaga tridactyla</i>	YES
Zoo New England	Cape teal	<i>Anas capensis</i>	YES This is actually voluntary by the birds since they are free flight in the building, but they are compatible. The birds predominantly stay in the pool (except the guinea fowl). They are full winged, so they can fly out of the exhibit if necessary.
Zoo New England	Cavies		YES 2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Magellan geese		YES 2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Zoo New England	Marbled teal	<i>Marmaronetta angustirostris</i>	YES	This is actually voluntary by the birds since they are free flight in the building, but they are compatible. The birds predominantly stay in the pool (except the guinea fowl). They are full winged, so they can fly out of the exhibit if necessary.
Zoo New England	Rheas		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	W. Hartlaub's ducks	<i>Pteronetta h. hartlaubii</i>	YES	This is actually voluntary by the birds since they are free flight in the building, but they are compatible. The birds predominantly stay in the pool (except the guinea fowl). They are full winged, so they can fly out of the exhibit if necessary.
Detroit Zoo	Guanacos and Tapirs Bell		Yes / No	Tapir housed in close quarters with capybaras had some chasing issues with the capybaras.
Brandywine Zoo				
Cleveland Metroparks Zoo				
Great Plains Zoo and Delbridge Museum				Not currently in collection
Great Plains Zoo and Delbridge Museum				Not currently in collection
Jacksonville Zoological Gardens	1.1 white-faced sakis.			No problems.
Knoxville Zoological Gardens				we do not have
Mesker Park Zoo	BlackNeckSwan			worked well/large lake/land area (2 lakes)
Mesker Park Zoo	Coscoroba Swan			worked well/large lake/land area (2 lakes)
Mesker Park Zoo	Costa Rican Deer			worked well/large lake/land area (2 lakes)
Mesker Park Zoo	Guanacos			worked well/large lake/land area (2 lakes)
Mesker Park Zoo	various ducks			worked well/large lake/land area (2 lakes)
Oglebay's Zoo				
Reid Park Zoo	None			We have a female who's been aggressive toward conspecifics in the past, and recently toward our female common tapir when we tried housing them together. This has led to us keeping her by herself. When we get other capybaras in I plan to try mixed exhibits with them again.

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Sedgewick County Zoo	Many species of birds		exhibit located in large aviary. Many species of birds have access to exhibit.
<hr/>		<hr/>	
<i>Hypogeomys antimena</i>	MADAGASCAN RAT		
<hr/>		<hr/>	
Cleveland Metroparks Zoo			
<hr/>		<hr/>	
<i>Hystrix africaeaustralis</i>	AFRICAN CRESTED PORCUPINE		
Alexandria Zoo		N/A	The African Crested Porcupine are currently exhibited alone.
Jacksonville Zoological Gardens		N/A	
Baltimore Zoo		NO	
San Diego Wild Animal Park	South African Crested Por <i>Hystrix a. africaeaustralis</i>	NO	Attempted to mix with hoofstock, Hoofstock would not tolerate the porcupines and chased them until removed.
Brookfield Zoo	Aardwolf <i>Protilis cristata</i>	YES	
Brookfield Zoo	Fennec Fox <i>Vulpes zerda</i>	YES	
Brookfield Zoo	Meerkat <i>Suricatta suricatta</i>	YES	Breeding porcupines while meercats can be problematic, (meercats may attack young porcupines)
Miami Metro	Bat eared foxes	YES	
Reid Park Zoo	2.0 Mandrill <i>Mandrillus sphinx</i>	YES	The mandrills will occasionally herd the porcupines, and there have been a few incidences of seeing mandrills with spines in their hands, but they've been together for years and they make a great exhibit. This also gives the porcupines a large exhibit.
Reid Park Zoo	Greater galago	YES	Woodland Park Zoo. Worked well.
Reid Park Zoo	Springhaas	YES	Woodland Park Zoo. Worked well.
Brevard Zoo			
Central Florida Zoological Park	none		
Cleveland Metroparks Zoo			
Great Plains Zoo and Delbridge Museum			Not currently in collection
Great Plains Zoo and Delbridge Museum			Not currently in collection
Utah's Hogle Zoo	N/A		
Zoo New England			no

Mixed with Species**Was the pairing Successful?*****Hystrix cristata*****CRESTED PORCUPINE**

Baltimore Zoo			NO	
Detroit Zoo	Rock Hyrax	<i>Procapra</i>	Not really	Single Rock hyrax male housed briefly with 1.2 porcupines tried to sleep next to the porcupine and got stuck by its quills.
North Carolina Zoological Park	Meerkat	<i>Suricata suricatta suricatta</i>	YES	Will need an effective means to segregate food.
Santa Ana Zoo	Greater bushbaby	<i>Otolemur crassicaudatus</i>	YES	
Santa Ana Zoo	Ring-tailed lemur	<i>Lemur catta</i>	YES	This is a current exhibit situation.
Santa Ana Zoo	Trumpeter hornbill	<i>Bycanistes bucinator</i>	YES	
Lincoln Park Zoo				We did not attempt to mix species
Sacramento Zoo				We have had no experience with mixing this species with any others
The Living Desert				

Hystrix cristata cristata**CRESTED PORCUPINE**

Santa Ana Zoo				no longer in collection
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Hystrix indica**INDIAN CRESTED PORCUPINE**

Bronx Zoo/WCS	Indian fruit bats		YES	
Mill Mountain Zoo	Wrinkled hornbill	<i>Aceros corrugatus</i>	YES	Hornbill can be aggressive to porcupines at times. With different activity times their interaction is rare.
Cleveland Metroparks Zoo				
St. Louis Zoological Park (Children's Zoo)	NO LONGER IN COLLECT			

Kerodon rupestris**ROCK CAVY**

Bronx Zoo/WCS				
Utah's Hogle Zoo	N/A			

Lemniscomys barbarus**ZEBRA MOUSE**

Bronx Zoo/WCS				
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Leporidae**HARES/RABBITS**

Knoxville Zoological Gardens				not mixed
St. Louis Zoological Park (Children's Zoo)				

Mixed with Species**Was the pairing Successful?*****Lepus californicus*****BLACK-TAILED JACK RABBIT**

The Living Desert	Black Vulture, Cattle Egret		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	Fulvous ducks, teals, hou:		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	mockingbirds, blackbirds,		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	Mourning and White-wing		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
Arizona-Sonora Desert Museum				NO LONGER HAVE
Sunset Zoo	none			

Macroscelides proboscideus**SHORT-EARED ELEPHANT SHREW**

Jacksonville Zoological Gardens			N/A	
Knoxville Zoological Gardens				not mixed
The Living Desert				

Marmota flaviventris**YELLOW-BELLIED MARMOT**

Utah's Hogle Zoo	N/A			
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Marmota monax**WOODCHUCK**

Milwaukee County Zoological Gardens				Education animals, housed separately.
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Marmota monax**WOODCHUCK**

Emporia Zoo			N/A	hand raised
Brookfield Zoo	Raccoon	<i>Procyon lotor</i>	YES	Housed in large outside grotto. These species have been housed together for over 20 years.
Brookfield Zoo	Striped Skunk	<i>Mephitis mephitis</i>	YES	
Mesker Park Zoo				None (Nothing to put w/him)
St. Louis Zoological Park (Children's Zo				

Meriones unguiculatus**MONGOLIAN GERBIL**

Bronx Zoo/WCS				
Knoxville Zoological Gardens				not mixed

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>		
Sunset Zoo	none			
<i>Meriones unguiculatus domestic</i>		GERBIL		
Jacksonville Zoological Gardens			N/A	
<i>Micromys minutus</i>		EURASIAN HARVEST MOUSE		
Bronx Zoo/WCS				
<i>Microtus pennsylvanicus</i>		MEADOW VOLE		
Cosley Zoo				Have never exhibited
<i>Mus musculus</i>		HOUSE MOUSE		
Brookfield Zoo	NA			
Fort Worth Zoological Park	None			
<i>Myocastor coypus</i>		NUTRIA		
Alexandria Zoo			N/A	We currently have no Nutria at this time.
Topeka Zoo	ACOUCHI	<i>Myoprocta pratti</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	GIANT BLACK SQUIRREL	<i>Ratufa bicolor</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	MEXICAN PORCUPINE	<i>Coendu mex</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
St. Louis Zoological Park (Children's Zoo)	NO LONGER IN COLLECT			
<i>Myoprocta acouchy</i>		ACOUCHI		
Cleveland Metroparks Zoo				
<i>Myoprocta acouchy pratti</i>		ACOUCHI		
Milwaukee County Zoological Gardens	Cotton-top tamarin	<i>Saguinus oedipus</i>	NO	Cotton-tops attacked the acouchi. This may or may not have been because the tamarins had young offspring.
Milwaukee County Zoological Gardens	Goeldi's monkey	<i>Callimico goeldii</i>	YES	
Milwaukee County Zoological Gardens	Golden lion tamarin	<i>Leontopithecus rosalia</i>	YES	
Milwaukee County Zoological Gardens	Owl Monkey	<i>Aotus lemurinus</i>	YES	

Mixed with Species**Was the pairing Successful?****Myoprocta acouchy pratti****ACOUCHI**

Houston Zoo	Antelope ground squirrel	<i>Ammospermophilus harrisi</i>	NO	acouchi attacked squirrel
Beardsley Zoo	Hispaniolan Sliders		YES	
Beardsley Zoo	Green Iguana	<i>Iguana iguana</i>	YES	
Beardsley Zoo	Blue and Gold Macaw	<i>Ara ararauna</i>	YES	
Beardsley Zoo	Scarlett Ibis	<i>Eudocimus ruber</i>	YES	
Beardsley Zoo	Ringed Teal		YES	
Beardsley Zoo	Argentine Ruddy Duck	<i>Oxyura vittata</i>	YES	
Beardsley Zoo	Green Heron	<i>Butorides virescens</i>	YES	
Beardsley Zoo	Cattle Egret	<i>Ardeola ibis</i>	YES	
Beardsley Zoo	Blue -grey Tanager		YES	
Beardsley Zoo	White-lined Tanager		YES	
Beardsley Zoo	Silver-beaked Tanager		YES	
Beardsley Zoo	White-bellied Caiques		YES	
Beardsley Zoo	Monk Parakeet		YES	
Beardsley Zoo	Wood Rails		YES	
Beardsley Zoo	Troupial		YES	
Beardsley Zoo	Saffron Finch		YES	
Bronx Zoo/WCS	Marmosets species		YES	
Bronx Zoo/WCS	Reed's titi's monkeys		YES	
Bronx Zoo/WCS	Saki monkeys		YES	
Houston Zoo	Cotton topped tamarins	<i>Saquinus oedipus</i>	YES	Individual CTT's have not worked - too aggressive to acouchis
Houston Zoo	Emperor Tamarins	<i>Saquinus imperator subgriscens</i>	YES	occasional aggression over food
Houston Zoo	Golden Lion tamarins	<i>Leontopithecus rosalia</i>	YES	
Houston Zoo	Prevost's squirrel	<i>Callosciurus prevostii</i>	YES	
Houston Zoo	Pygmy Marmosets	<i>Callithrix pygmaea</i>	YES	
Topeka Zoo	GIANT BLACK SQUIRREL	<i>Ratufa bicolor</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	MEXICAN PORCUPINE	<i>Coendu mex</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	NUTRIA	<i>COYPU</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Mesker Park Zoo	Owl Monkeys			worked fine

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Sedgewick County Zoo	Free-flight birds			acouchi are free-roam in a large jungle building.
Sedgewick County Zoo	Free-flight fruit bats	<i>Pteropsus giganteus</i>		acouchi are free-roam in a large jungle building.
<hr/>				
	<i>Neotoma albigula</i>		WHITE-THROATED WOODRAT	
Arizona-Sonora Desert Museum				N/A
<hr/>				
	<i>Neotoma floridana</i>		EASTERN WOODRAT	
Baltimore Zoo				not here during my time
Bronx Zoo/WCS				
Brookfield Zoo	NA			
Cosley Zoo				Have never exhibited
Sunset Zoo	none			
<hr/>				
	<i>Ochrotomys nuttalli</i>		GOLDEN MOUSE	
Brookfield Zoo	NA			
<hr/>				
	<i>Octodon degus</i>		DEGU	
Baltimore Zoo			NO	
Brookfield Zoo	Chinchilla	<i>Chinchilla lanigera</i>	YES	2 male degus housed with 1 castrated male chinchilla and 2 female chinchillas on exhibit.
Bronx Zoo/WCS				
Emporia Zoo				
Knoxville Zoological Gardens				not mixed
Utah's Hogle Zoo	N/A			
Utica Zoo				
<hr/>				
	<i>Onychomys leucogaster</i>		NORTHERN GRASSHOPPER MOUSE	
Arizona-Sonora Desert Museum				NO LONGER HAVE
<hr/>				
	<i>Oryctolagus</i>		EUROPEAN RABBIT	
Beardsley Zoo				Housed alone.
<hr/>				
	<i>Oryctolagus cuniculus</i>		EUROPEAN RABBIT	
Jacksonville Zoological Gardens				N/A

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Brookfield Zoo	Guinea Pig	<i>Cavia porcellus</i>	YES Done in supervised outdoor setting for past 3 years.
Central Florida Zoological Park	none		Education animal
Fort Worth Zoological Park	None		
Los Angeles Zoo	Not mixed w/ any other sp		
Mesker Park Zoo			None (Education Animals)
Mill Mountain Zoo			
Milwaukee County Zoological Gardens			Education animals, housed separately.
Minnesota Zoological Garden			
North Carolina Zoological Park			Housed alone, not in mixed species exhibit.
Santa Ana Zoo			not mixed
Santa Barbara Zoo			
St. Louis Zoological Park (Children's Zo			
Zoo Montana			
Zoo New England			no
<i>Oryctolagus cuniculus american_ white</i>		AMERICAN WHITE RABBIT	
Great Plains Zoo and Delbridge Museum	Tortoise of various specie	YES	Also - Education/housed individually
Great Plains Zoo and Delbridge Museum	Tortoise of various specie	YES	Also - Education/housed individually
Cleveland Metroparks Zoo			
Oregon Zoo			
St. Louis Zoological Park (Children's Zo			
<i>Oryctolagus cuniculus brit_lopear</i>		BRITISH LOP EARED RABBIT	
Jacksonville Zoological Gardens		N/A	
<i>Oryctolagus cuniculus flemish_giant</i>		FLEMISH GIANT RABBIT	
Baltimore Zoo			not here during my time
Cosley Zoo			Exhibited with other breeds of rabbits
<i>Oryctolagus cuniculus rex</i>		REX RABBIT	
Baltimore Zoo			not here during my time
Cosley Zoo			Exhibited with other breeds of rabbits. Currently we exhibit a mini rex
Oglebay's Zoo			

Mixed with Species**Was the pairing Successful?*****Pachyuromys duprasi*****FAT-TAILED GERBIL**

Bronx Zoo/WCS

Paraxerus cepapi**SMITH'S BUSH SQUIRREL**

Bronx Zoo/WCS

Pedetes capensis**SPRINGHAAS**

Milwaukee County Zoological Gardens

Mohol's bushbaby*Galago moholi*

YES

Works well with little or no interaction between species.

Pedetes capensis**SPRINGHAAS**

Mesker Park Zoo

None. Thought about putting in with fennec fox but never got up the nerve.

Brookfield Zoo

Aardwolf*Proteles cristatus*

Maybe

Brookfield Zoo

Fennec Fox*Vulpes zerda*

NO

Brookfield Zoo

Aardvark*Orycteropus afer*

YES

Fennec fox tried to eat springhass. Aardwolf pick up springhass by the ears.

St. Louis Zoological Park (Children's Zoo)

Leopard tortoise*Geochelone pardalis*

YES

Fort Worth Zoological Park

None

Great Plains Zoo and Delbridge Museum

Education/housed individually

Great Plains Zoo and Delbridge Museum

Education/housed individually

Peromyscus eremicus**CACTUS MOUSE**

Bronx Zoo/WCS

Peromyscus maniculatus**DEER MOUSE**

Bronx Zoo/WCS

Cosley Zoo

Have never exhibited

Zoo New England

no

Petrodromus tetradactylus**FOUR-TOED ELEPHANT SHREW**

Jacksonville Zoological Gardens

N/A

Phloeomys pallidus**SLENDER-TAILED CLOUD RAT**

Bronx Zoo/WCS

Mixed with Species**Was the pairing Successful?**

Minnesota Zoological Garden

Phodopus roborovski**DWARF HAMSTER**

Knoxville Zoological Gardens

not mixed

Phodopus sungorus**STRIPED HAIRY-FOOTED HAMSTER**

Bronx Zoo/WCS

Procavia capensis**ROCK HYRAX**

Brookfield Zoo

Fennec Fox

NO

Ok for several months. Male hyrax became aggressive during breeding season.

Oglebay's Zoo

Slender-tailed Meerkat

YES

Some aggression between male hyrax and meerkats when first introduced. Male hyrax was somewhat aggressive with meerkats when it was first introduced to the exhibit. Female hyraxes got along very well with meerkats. They would even curl up together when temperature would get cooler. Most of the aggression between the male hyrax and the meerkats occurred over a nestbox both species were trying to occupy. When nestboxes with holes small enough to keep the hyrax out were made, all got along well. Do have to provide enough enrichment for all animals, so there is no fighting. Male hyrax has also been pulled when meerkat kits are present.

Houston Zoo

Coquerel's mouse lemurs

Houston Zoo

Prevost squirrels

need plenty of propping

Houston Zoo

Pygmy slow loris

Houston Zoo

Spiny mice

worked really well

Rattus colletti**RAT**

Cosley Zoo

Single species exhibit

Mixed with Species**Was the pairing Successful?*****Rattus norvegicus*****NORWAY RAT**

Milwaukee County Zoological Gardens

Education animals, housed separately.

Rattus norvegicus**NORWAY RAT**

Bronx Zoo/WCS

Mesker Park Zoo

Minnesota Zoological Garden

Oregon Zoo

Scovill Zoo

None (Education Animals)

Rattus norvegicus domestic**RAT**

Jacksonville Zoological Gardens

N/A

Rattus rattus**ROOF RAT**

Brookfield Zoo

NA***Ratufa bicolor*****GIANT BLACK SQUIRREL**

Topeka Zoo

ACOUCHI*Myoprocta pratti*

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Topeka Zoo

MEXICAN PORCUPINE*Coendu mex*

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Topeka Zoo

NUTRIA*COYPU*

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.***Ratufa bicolor*****BLACK GIANT SQUIRREL**

Cleveland Metroparks Zoo

Rhodomys pumilio**FOUR-STRIPED GRASS MOUSE**

Bronx Zoo/WCS

Sciurus carolinensis**EASTERN GREY SQUIRREL**

Zoo Montana

Sigmodon hispidus**HISPID COTTON RAT**

Bronx Zoo/WCS

Mixed with Species**Was the pairing Successful?****Spalacopus cyanus****CURURO**

Bronx Zoo/WCS

Spermophilus tridecemlineatus**THIRTEEN-LINED GROUND SQUIRREL**

Cosley Zoo

Have never exhibited

Spermophilus variegatus**VARIEGATED ROCK SQUIRREL**

Utah's Hogle Zoo

N/A

Sphiggurus mexicanus**MEXICAN PORCUPINE**

Houston Zoo

Hoffman's sloth*Choloepus hoffmanni*

YES

Houston Zoo

Squirrel monkeys*Saimiri boliviensis*

YES

Sloths and squirrel monkeys occasionally got quills in hand or face.

Topeka Zoo

ACOUCHI*Myoprocta pratti*

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Topeka Zoo

GIANT BLACK SQUIRREL*Ratufa bicolor*

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Topeka Zoo

NUTRIA*COYPU*

YES

All of these species have done well together, all with reproduction except *Ratufa bicolor*.

Caldwell Zoo

no longer housed at Caldwell Zoo

Milwaukee County Zoological Gardens

We have never had this species in a mixed species exhibit.

Sundasciurus lowii**LOW'S SQUIRREL**

Bronx Zoo/WCS

Sylvilagus audubonii**DESERT COTTONTAIL RABBIT**

Bronx Zoo/WCS

Southern flying squirrels

YES

The Living Desert

Black Vulture, Cattle Egret

YES

Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail

The Living Desert

Fulvous ducks, teals, hou:

YES

Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail

The Living Desert

mockingbirds, blackbirds,

YES

Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
The Living Desert	Mourning and White-wing		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
Utah's Hogle Zoo	N/A			
	<i>Sylvilagus floridanus</i>		EASTERN COTTONTAIL RABBIT	
Bronx Zoo/WCS	Southern flying squirrels		YES	
Minnesota Zoological Garden	Southern flying squirrel	<i>Glaucomys volans</i>	YES	
	<i>Tamiasciurus hudsonicus</i>		AMERICAN RED SQUIRREL	
Cosley Zoo				Have never exhibited
	<i>Tupaia minor</i>		PYGMY TREE SHREW	
Cleveland Metroparks Zoo				
Utah's Hogle Zoo	N/A			
	<i>Tupaia tana</i>		LARGE TREE SHREW	
Brookfield Zoo	Prevosts Squirrel	<i>Callosciurus prevosti</i>	YES	This squirrel had no incisors. Would not try this with an intact squirrel.
Oglebay's Zoo	Black-naped fruit dove		YES	No problems
Oglebay's Zoo	Bleeding heart pigeon		YES	No problems
Oglebay's Zoo	Crested wood partridge		YES	No problems
Oglebay's Zoo	Greater Malayan chevrotai		YES	No problems
Oglebay's Zoo	Indian flying fox		YES	No problems
Cleveland Metroparks Zoo				
Minnesota Zoological Garden	(no longer in collection)			
	<i>Xerus erythropus</i>		GEOFFROY'S GROUND SQUIRREL	
Baltimore Zoo				not here during my time

RTAG Mixed Sp Survey Sorted by Geographical Area

Africa

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
AFRICAN BRUSH-TAILED PORCUPINE		<i>Atherurus africanus</i>	
Bronx Zoo/WCS	Bay duikers	YES	
Bronx Zoo/WCS	Moholi galagos	YES	
Bronx Zoo/WCS	Rodriquez fruit bats	YES	
Alexandria Zoo		N/A	The African Crested Porcupine are currently exhibited alone.
Jacksonville Zoological Gardens		N/A	
Baltimore Zoo		NO	
San Diego Wild Animal Park	South African Crested Por	<i>Hystrix a. africae australis</i>	NO Attempted to mix with hoofstock, Hoofstock would not tolerate the porcupines and chased them until removed.
Brookfield Zoo	Aardwolf	<i>Proteles cristata</i>	YES
Brookfield Zoo	Fennec Fox	<i>Vulpes zerda</i>	YES
Brookfield Zoo	Meerkat	<i>Suricatta suricatta</i>	YES Breeding porcupines while meercats can be problematic, (meercats may attack young porcupines)
Miami Metro	Bat eared foxes		YES
Reid Park Zoo	2.0 Mandrill	<i>Mandrillus sphinx</i>	YES The mandrills will occasionally herd the porcupines, and there have been a few incidences of seeing mandrills with spines in their hands, but they've been together for years and they make a great exhibit. This also gives the porcupines a large exhibit.
Reid Park Zoo	Greater galago		YES Woodland Park Zoo. Worked well.
Reid Park Zoo	Springhaas		YES Woodland Park Zoo. Worked well.
Brevard Zoo			
Central Florida Zoological Park	none		
Cleveland Metroparks Zoo			
Great Plains Zoo and Delbridge Museum			Not currently in collection
Great Plains Zoo and Delbridge Museum			Not currently in collection
Utah's Hogle Zoo	N/A		

Africa

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Zoo New England			no	
Knoxville Zoological Gardens			not mixed	
St. Louis Zoological Park (Children's Zoo)				
Los Angeles Zoo	Not mixed w/ any other sp			
The Living Desert				
Baltimore Zoo			NO	
Detroit Zoo	Rock Hyrax	<i>Procavia</i>	Not really	Single Rock hyrax male housed briefly with 1.2 porcupines tried to sleep next to the porcupine and got stuck by its quills.
North Carolina Zoological Park	Meerkat	<i>Suricata suricatta suricatta</i>	YES	Will need an effective means to segregate food.
Santa Ana Zoo	Greater bushbaby	<i>Otolemur crassicaudatus</i>	YES	
Santa Ana Zoo	Ring-tailed lemur	<i>Lemur catta</i>	YES	This is a current exhibit situation.
Santa Ana Zoo	Trumpeter hornbill	<i>Bycanistes bucinator</i>	YES	
Lincoln Park Zoo				We did not attempt to mix species
Sacramento Zoo				We have had no experience with mixing this species with any others
The Living Desert				
Santa Ana Zoo				no longer in collection
Bronx Zoo/WCS				
Bronx Zoo/WCS				
Bronx Zoo/WCS				
Bronx Zoo/WCS				
Jacksonville Zoological Gardens			N/A	
Baltimore Zoo				not here during my time
Brookfield Zoo	NA			
Oglebay's Zoo				
Utah's Hogle Zoo	N/A			
Alexandria Zoo			N/A	This species is housed alone at this time.
San Diego Wild Animal Park			No attempt	
Zoo New England	Potto	<i>Perodicticus potto</i>	YES	No problems seen between 1 hedgehog and 1 potto. Would try again if animals available.

Africa

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species	Was the pairing Successful?
Caldwell Zoo		0.1.0 hedgehog/education animal--not in mixed species exhibit
Central Florida Zoological Park	none	Education animal
Cleveland Metroparks Zoo		
Emporia Zoo		
Fort Wayne Children's Zoo	None	Education Animal
Los Angeles Zoo	Not mixed w/ any other sp	
Mesker Park Zoo		None (Education Animals)
Minnesota Zoological Garden		
Oglebay's Zoo		
Oregon Zoo		
Reid Park Zoo	None	Education/breeding animals
Santa Ana Zoo		not mixed
Scovill Zoo		
Sunset Zoo		none
Tautphaus Park Zoo		
Utah's Hogle Zoo	N/A	
Zoo Montana		
Jacksonville Zoological Gardens		N/A
Brevard Zoo		NO
Bronx Zoo/WCS		
Brookfield Zoo	NA	
Cleveland Metroparks Zoo		
Oglebay's Zoo		
Oregon Zoo		
St. Louis Zoological Park (Children's Zo		
The Living Desert		
Bronx Zoo/WCS		
Brookfield Zoo	Fennec Fox	NO Ok for several months. Male hyrax became aggressive during breeding season.

Africa

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>
Oglebay's Zoo	Slender-tailed Meerkat		YES Some aggression between male hyrax and meerkats when first introduced. Male hyrax was somewhat aggressive with meerkats when it was first introduced to the exhibit. Female hyraxes got along very well with meerkats. They would even curl up together when temperature would get cooler. Most of the aggression between the male hyrax and the meerkats occurred over a nestbox both species were trying to occupy. When nestboxes with holes small enough to keep the hyrax out were made, all got along well. Do have to provide enough enrichment for all animals, so there is no fighting. Male hyrax has also been pulled when meerkat kits are present.
Houston Zoo	Coquerel's mouse lemurs		
Houston Zoo	Prevost squirrels		need plenty of propping
Houston Zoo	Pygmy slow loris		
Houston Zoo	Spiny mice		worked really well
Jacksonville Zoological Gardens			N/A
Knoxville Zoological Gardens			not mixed
The Living Desert			
Bronx Zoo/WCS			
Baltimore Zoo			not here during my time
Beardsley Zoo			Housed alone.
Cosley Zoo			Have never exhibited.
Great Plains Zoo and Delbridge Museur			Education/housed individually
Great Plains Zoo and Delbridge Museur			Education/housed individually
Houston Zoo	Rock Hyrax		worked really well
Milwaukee County Zoological Gardens	Mohol's bushbaby	<i>Galago moholi</i>	YES Works well with little or no interaction between species.
Mesker Park Zoo			None. Thought about putting in with fennec fox but never got up the nerve.

Africa

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Brookfield Zoo	Aardwolf	<i>Proteles cristatus</i>	Maybe	
Brookfield Zoo	Fennec Fox	<i>Vulpes zerda</i>	NO	
Brookfield Zoo	Aardvark	<i>Orycteropus afer</i>	YES	Fennec fox tried to eat springhass. Aardwolf pick up springhass by the ears.
St. Louis Zoological Park (Children's Zoological Park)	Leopard tortoise	<i>Geochelone pardalis</i>	YES	
Fort Worth Zoological Park	None			
Great Plains Zoo and Delbridge Museum				Education/housed individually
Great Plains Zoo and Delbridge Museum				Education/housed individually
Bronx Zoo/WCS				
Bronx Zoo/WCS				

RTAG Mixed Sp Survey Sorted by Geographical Area

Asia

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>		
BLACK GIANT SQUIRREL		<i>Ratufa bicolor</i>		
Cleveland Metroparks Zoo				
Knoxville Zoological Gardens		not mixed		
Jacksonville Zoological Gardens				
		N/A		
Topeka Zoo	ACOUCHI	<i>Myoprocta pratti</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	MEXICAN PORCUPINE	<i>Coendu mex</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	NUTRIA	<i>COYPU</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Bronx Zoo/WCS				
Indian fruit bats		YES		
Mill Mountain Zoo				
Wrinkled hornbill		<i>Aceros corrugatus</i>	YES	Hornbill can be aggressive to porcupines at times. With different activity times their interaction is rare.
Cleveland Metroparks Zoo				
St. Louis Zoological Park (Children's Zoo)				
NO LONGER IN COLLECT				
Brookfield Zoo	Prevosts Squirrel	<i>Callosciurus prevosti</i>	YES	This squirrel had no incisors. Would not try this with an intact squirrel.
Oglebay's Zoo	Black-naped fruit dove		YES	No problems
Oglebay's Zoo	Bleeding heart pigeon		YES	No problems
Oglebay's Zoo	Crested wood partridge		YES	No problems
Oglebay's Zoo	Greater Malayan chevrotai		YES	No problems
Oglebay's Zoo	Indian flying fox		YES	No problems
Cleveland Metroparks Zoo				
Minnesota Zoological Garden		(no longer in collection)		
Bronx Zoo/WCS				
Bronx Zoo/WCS				
Knoxville Zoological Gardens		not mixed		
Sunset Zoo				
none				
Bronx Zoo/WCS				

Asia

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Oglebay's Zoo	Black-naped fruit dove	<i>Ptilinopus melanospila</i>	NO	Male squirrel chased
Oglebay's Zoo	Bleeding heart pigeon	<i>Gallucolumba luzonica</i>	NO	Male squirrel chased
Oglebay's Zoo	Crested wood partridge	<i>Rollulus roulroul</i>	NO	Male squirrel chased
Oglebay's Zoo	Greater Malayan chevrotai	<i>Tragulus napu</i>	NO	Male squirrel chased
Oglebay's Zoo	Green junglefowl	<i>Gallus varius</i>	NO	Male squirrel chased
Oglebay's Zoo	Palawan peacock pheasant	<i>Polyplectron emphanum</i>	NO	Male squirrel chased
Oglebay's Zoo	Pygmy slow loris	<i>Nycticebus pygmaeus</i>	NO	Male squirrel bit loris foot
Alexandria Zoo			YES	This specie is housed in a mixed exhibit with 1.0 Ring Necked Pheasant
Bronx Zoo/WCS	Malayan tapirs		YES	
Bronx Zoo/WCS	Many Asian bird species		YES	
Bronx Zoo/WCS	White-cheeked gibbons		YES	
Brookfield Zoo	Binturong	<i>Artictus binturong</i>	YES	Giant Asian Squirrel: some aggression from Prevosts towards males. RFB: some aggression towards bats when Prevosts were breeding.
Brookfield Zoo	Giant Asian Squirrel	<i>Ratufa bicolor</i>	YES	
Brookfield Zoo	Rodriguez Fruit Bat	<i>Pteropus rodricensis</i>	YES	
Brookfield Zoo	Small Clawed Otter	<i>Amblonyx cinereus</i>	YES	
Houston Zoo	Acouchi	<i>Myoprocta acouchy pratti</i>	YES	Squirrels will occasionally jump acouchis over food
Houston Zoo	Coquerel's mouse lemur	<i>Microcebus coquereli</i>	YES	
Houston Zoo	Pygmy slow loris	<i>Nycticebus pygmaeus</i>	YES	
Houston Zoo	Rock Hyrax	<i>Procavia capensis</i>	YES	
Lincoln Park Zoo	Asian small-clawed otter	<i>Amblonyx cinereus</i>	YES	Squirrels occasionally steal fish from otters, otters occasionally ate rat chow! Only 1 altercation in 8 years, otter de-gloved last inch of squirrel's tail.
Los Angeles Zoo	Indian fruit bat	<i>Pteropus giganteus</i>	YES	Both species got along well. Did have to be creative in keeping squirrels out of bat food. Resolved that best by putting bat food out at night when squirrels sleeping.
Minnesota Zoological Garden	Larger Malayan Chevrotai	<i>Tragulus napu</i>	YES	Food stealing by Squirrels

Asia

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Minnesota Zoological Garden	Slow loris	<i>Nycticebus coucang</i>	YES	Some aggression towards loris when squirrel has young in nest
Moody Gardens	Slow Loris	<i>Nycticebus coucang bengalensis</i>	YES	Need to provide a shift for squirrels for evening time to prevent food stealing from the loris. The squirrels will frequently steal loris food.
Oglebay's Zoo	Indian flying fox	<i>Pteropus giganteus</i>	YES	Yes
Oglebay's Zoo	Indian star tortoise	<i>Geochelone elegans</i>	YES	Yes
Oglebay's Zoo	Tokay gecko	<i>Gekko gekko</i>	YES	Yes
Santa Barbara Zoo	Reeve's muntjac	<i>Muntiacus reevesi</i>	YES	
Santa Barbara Zoo	Spectacled langur	<i>Trachypithecus obscurus</i>	YES	play interactions
Utah's Hogle Zoo	Prehensile tailed procupin	<i>Coendou prehensilis</i>	YES	Successful with older, less aggressive males. Male got quilled a couple of itkes when new porcupine babies were born, but it was not serious
Cleveland Metroparks Zoo				
Fort Wayne Children's Zoo	None			
Micke Grove Zoo				N/A
Sedgewick County Zoo				
St. Louis Zoological Park (Children's Zo				
Tautphaus Park Zoo				
Zoo Montana				
Cleveland Metroparks Zoo				
Utah's Hogle Zoo	N/A			
Bronx Zoo/WCS				
MOUSE-LIKE HAMSTER		<i>Calomyscus mystax</i>		
Bronx Zoo/WCS				
EURASIAN HARVEST MOUSE		<i>Micromys minutus</i>		
Bronx Zoo/WCS				

RTAG Mixed Sp Survey Sorted by Geographical Area

Australia

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

Mixed with Species

Was the pairing Successful?

RAT

Rattus colletti

Cosley Zoo

Single species exhibit

RTAG Mixed Sp Survey Sorted by Geographical Area

Canada

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>	<u>Was the pairing Successful?</u>
EASTERN COTTONTAIL RABBIT	<i>Sylvilagus floridanus</i>	
Bronx Zoo/WCS	Southern flying squirrels	YES
Minnesota Zoological Garden	Southern flying squirrel <i>Glaucomys volans</i>	YES

RTAG Mixed Sp Survey Sorted by Geographical Area

Europe

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
EUROPEAN RABBIT		<i>Oryctolagus cuniculus</i>	
Jacksonville Zoological Gardens		N/A	
Brookfield Zoo	Guinea Pig	<i>Cavia porcellus</i>	YES Done in supervised outdoor setting for past 3 years.
Central Florida Zoological Park	none		Education animal
Fort Worth Zoological Park	None		
Los Angeles Zoo	Not mixed w/ any other sp		
Mesker Park Zoo			None (Education Animals)
Mill Mountain Zoo			
Milwaukee County Zoological Gardens			Education animals, housed separately.
Minnesota Zoological Garden			
North Carolina Zoological Park			Housed alone, not in mixed species exhibit.
Santa Ana Zoo			not mixed
Santa Barbara Zoo			
St. Louis Zoological Park (Children's Zo			
Zoo Montana			
Zoo New England			no
Knoxville Zoological Gardens			not mixed
St. Louis Zoological Park (Children's Zo			
Jacksonville Zoological Gardens		N/A	
Brookfield Zoo	NA		
AMERICAN WHITE RABBIT		<i>Oryctolagus cuniculus american_ white</i>	
Great Plains Zoo and Delbridge Museur	Tortoise of various specie	YES	Also - Education/housed individually
Great Plains Zoo and Delbridge Museur	Tortoise of various specie	YES	Also - Education/housed individually
Cleveland Metroparks Zoo			
Oregon Zoo			
St. Louis Zoological Park (Children's Zo			
Jacksonville Zoological Gardens		N/A	

Europe (Originally)

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

Mixed with Species	Was the pairing Successful?
Beardsley Zoo	Housed alone.
Baltimore Zoo	not here during my time
Cosley Zoo	Exhibited with other breeds of rabbits
Baltimore Zoo	not here during my time
Cosley Zoo	Exhibited with other breeds of rabbits. Currently we exhibit a mini rex
Oglebay's Zoo	

EURASIAN HARVEST MOUSE

Micromys minutus

Bronx Zoo/WCS

COMMON HAMSTER

Cricetus cricetus

Brookfield Zoo

NA

RTAG Mixed Sp Survey Sorted by Geographical Area

Madagascar

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>	<u>Was the pairing Successful?</u>
LESSER MADAGASCAR HEDGEHOG TENREC <i>Echinops telfairi</i>		
Jacksonville Zoological Gardens		N/A
Bronx Zoo/WCS	Lesser mouse lemurs	YES
Houston Zoo	Coquerel's mouse lemur <i>Microcebus coquereli</i>	YES
Caldwell Zoo		no longer housed at Caldwell Zoo
Central Florida Zoological Park	none	Education animal
Cleveland Metroparks Zoo		
Emporia Zoo		Education 0.1; 12 years old
Minnesota Zoological Garden	Standings day gecko	food stealing problems: tenrecs eating most f the gecko crickets
Reid Park Zoo	None	Education animal
Santa Barbara Zoo		
Scovill Zoo		
Utah's Hogle Zoo	N/A	
Utica Zoo		none
Cleveland Metroparks Zoo		

RTAG Mixed Sp Survey Sorted by Geographical Area

Mexico

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
	KANGAROO RAT	<i>Dipodomys insularis</i>		
Utica Zoo	Desert Iguana	<i>Dipsosaurus dorsalis</i>	YES	no problems between these species
Utica Zoo	Zebra-tailed Lizard	<i>Callisaurus draconoides</i>	YES	
North Carolina Zoological Park				Housed alone, not in mixed species exhibit.
Houston Zoo	Hoffman's sloth	<i>Choloepus hoffmanni</i>	YES	
Houston Zoo	Squirrel monkeys	<i>Saimiri boliviensis</i>	YES	Sloths and squirrel monkeys occasionally got quills in hand or face.
Topeka Zoo	ACOUCHI	<i>Myoprocta pratti</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	GIANT BLACK SQUIRREL	<i>Ratufa bicolor</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	NUTRIA	<i>COYPU</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Caldwell Zoo				no longer housed at Caldwell Zoo
Milwaukee County Zoological Gardens				We have never had this species in a mixed species exhibit.

RTAG Mixed Sp Survey Sorted by Geographical Area

North America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
AMERICAN BEAVER		<i>Castor canadensis</i>	
Emporia Zoo	American Beaver	N/A	hand raised
Oregon Zoo	Barrow's goldeneye	<i>Bucephala islandica</i>	YES
Oregon Zoo	Common goldeneye	<i>Bucephala clangula</i>	YES
Oregon Zoo	Hooded merganser	<i>Mergus cucullatus</i>	YES
Oregon Zoo	Ring-neck duck	<i>Aythya collaris</i>	YES
Arizona-Sonora Desert Museum			N/A
Cleveland Metroparks Zoo			
Knoxville Zoological Gardens	cattle egrets		exhibit not open yet
Knoxville Zoological Gardens	migratory songbirds		exhibit not open yet
Knoxville Zoological Gardens	wood ducks		exhibit not open yet
Minnesota Zoological Garden			
Cosley Zoo			Have never exhibited
The Living Desert	Black Vulture, Cattle Egret	YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	Fulvous ducks, teals, hou:	YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	mockingbirds, blackbirds,	YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	Mourning and White-wing	YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
Arizona-Sonora Desert Museum			NO LONGER HAVE
Sunset Zoo	none		
Detroit Zoo			Never in a mixed species exhibit
Milwaukee County Zoological Gardens			We have never had this species in a mixed species exhibit.
Baltimore Zoo		NO	
Emporia Zoo	Nine- banded armadillo	YES	mixed with 9-banded armadillo 2.0
Fort Worth Zoological Park	Burrowing Owls	<i>Athene cunicularia hypugaea</i>	YES
San Diego Wild Animal Park	Canadian porcupine	<i>Erethizon d. dorsatum</i>	YES mixed with prairie dog

North America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Sedgewick County Zoo	Bison	<i>Bison bison</i>	YES	Prairie dogs escaped from original exhibit and live in with bison and pronghorn
Sedgewick County Zoo	Pronghorn	<i>Antilocapra americana</i>	YES	Prairie dogs escaped from original exhibit and live in with bison and pronghorn
Sedgewick County Zoo	Sandhil crane		YES	Prairie dogs escaped from original exhibit and live in with bison and pronghorn
Sunset Zoo	box turtles (various ssp.)	<i>Tarapene ornata</i>	YES	
Sunset Zoo	burrowing owl	<i>Speotyto cunicularia</i>	YES	
Sunset Zoo	turkey vulture	<i>Cathartes aura</i>	YES	Exhibit space (amount and quality) must be evaluated to house p-dogs and burrowing owls.
Arizona-Sonora Desert Museum				N/A
Beardsley Zoo				Housed alone.
Central Florida Zoological Park	none			Education animal
Fort Wayne Children's Zoo	None			
Great Plains Zoo and Delbridge Museur				Exhibited as a colony
Great Plains Zoo and Delbridge Museur				Exhibited as a colony
Knoxville Zoological Gardens				not mixed
Los Angeles Zoo	Not mixed with any other :			
Mesker Park Zoo				None
Mill Mountain Zoo				
Scovill Zoo				
St. Louis Zoological Park (Children's Zo				
Zoo New England				no
Bronx Zoo/WCS				
Bronx Zoo/WCS				
Cosley Zoo				Have never exhibited
Zoo New England				no
Bronx Zoo/WCS	Southern flying squirrels		YES	
The Living Desert	Black Vulture, Cattle Egret		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail

North America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
The Living Desert	Fulvous ducks, teals, hou:		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	mockingbirds, blackbirds,		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
The Living Desert	Mourning and White-wing		YES	Large walkthrough aviary with mixed species of Sonoran birds, turtles, jackrabbit and desert cottontail
Utah's Hogle Zoo	N/A			
Zoo Montana				
Baltimore Zoo				not here during my time
Bronx Zoo/WCS				
Brookfield Zoo	NA			
Cosley Zoo				Have never exhibited
Sunset Zoo	none			
Brookfield Zoo	NA			
Zoo New England				no
Houston Zoo	Acouchi	<i>Myoprocta acouchy pratti</i>	NO	acouchi attacked squirrel
Houston Zoo	Gambel's quail	<i>Callipepla gambelii</i>	NO	Quail scared easy and hit glass
Houston Zoo	Pancake tortoise	<i>Malacochersus tornieri</i>	NO	Squirrels chewed on tortoise's shell
Houston Zoo	Golden Lion Tamarins	<i>Leontopithecus rosalia</i>	YES	
Houston Zoo	Pygmy Marmosets	<i>Callithrix pygmaea</i>	YES	
Arizona-Sonora Desert Museum				N/A
Bronx Zoo/WCS				
Brookfield Zoo	NA			
Cosley Zoo				Have never exhibited
Arizona-Sonora Desert Museum				N/A
Bronx Zoo/WCS				
Fort Worth Zoological Park	None			Single species exhibit
St. Louis Zoological Park (Children's Zo				
The Living Desert				
Milwaukee County Zoological Gardens				We have never had this species in a mixed species exhibit.

North America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Zoo New England	NA river otter	<i>Lontra canadensis</i>	NO	Didn't Work - 1.0 NA porcupine with 0.1 NA river otter that didn't work because the porcupine intimidated the otter by "appropriating" the exhibit and the otter stopped eating. No fighting.
Fort Worth Zoological Park	Ring-tailed Cacomistle	<i>Bassariscus astutus</i>	YES	
Minnesota Zoological Garden	Greathorned Owls		YES	
San Diego Wild Animal Park	Black-tailed Praire Dog	<i>Cynomys ludovicianus</i>	YES	mixed with North American porcupine
Sedgewick County Zoo	Turkey vulture		YES	
Zoo Montana	Great-horned owl	<i>Bubo virginianus</i>	YES	This is not a permanent mixed species display. The porcupine only spends the day with the bird(s) and returns to her holding at night. The porcupine does like to sleep in the owl's shelter.
Zoo Montana	Turkey vulture	<i>Cathartes aura</i>	YES	This is not a permanent mixed species display. The porcupine only spends the day with the bird(s) and returns to her holding at night. The porcupine does like to sleep in the owl's shelter.
Beardsley Zoo				Housed alone, currently none in collection.
Brookfield Zoo	NA			
Knoxville Zoological Gardens				we do not have
Utica Zoo				none
Zoo Montana				
Great Plains Zoo and Delbridge Museum	American Crow		YES	
Great Plains Zoo and Delbridge Museum	American Crow		YES	
Zoo Montana				
Arizona-Sonora Desert Museum				NO LONGER HAVE
Oregon Zoo				
Bronx Zoo/WCS	Desert cottontail rabbit		YES	
Minnesota Zoological Garden	Cottontail rabbits	<i>Sylvilagus floridanus</i>	YES	
Central Florida Zoological Park	none			Education animal
Cosley Zoo				Have never exhibited

North America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Mesker Park Zoo				None (Education Animals)
Mill Mountain Zoo				
Utah's Hogle Zoo	N/A			
Utica Zoo				
Beardsley Zoo				None in collection.
Cosley Zoo				Have never exhibited
Utah's Hogle Zoo	N/A			
Utah's Hogle Zoo	N/A			
The Living Desert				
Zoo Montana				
Arizona-Sonora Desert Museum				N/A
Milwaukee County Zoological Gardens				Education animals, housed separately.
Emporia Zoo			N/A	hand raised
Brookfield Zoo	Raccoon	<i>Procyon lotor</i>	YES	Housed in large outside grotto. These species have been housed together for over 20 years.
Brookfield Zoo	Striped Skunk	<i>Mephitis mephitis</i>	YES	
Mesker Park Zoo				None (Nothing to put w/him)
St. Louis Zoological Park (Children's Zo				
Utah's Hogle Zoo	N/A			

RTAG Mixed Sp Survey Sorted by Geographical Area

Phillipines

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

Mixed with Species

Was the pairing Successful?

SLENDER-TAILED CLOUD RAT

Phloeomys pallidus

Bronx Zoo/WCS

Minnesota Zoological Garden

RTAG Mixed Sp Survey Sorted by Geographical Area

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
ACOUCHI		<i>Myoprocta acouchy</i>		
Cleveland Metroparks Zoo				
Milwaukee County Zoological Gardens	Cotton-top tamarin	<i>Saguinus oedipus</i>	NO	Cotton-tops attacked the acouchi. This may or may not have been because the tamarins had young offspring.
Milwaukee County Zoological Gardens	Goeldi's monkey	<i>Callimico goeldii</i>	YES	
Milwaukee County Zoological Gardens	Golden lion tamarin	<i>Leontopithecus rosalia</i>	YES	
Milwaukee County Zoological Gardens	Owl Monkey	<i>Aotus lemurinus</i>	YES	
Houston Zoo	Antelope ground squirrel	<i>Ammospermophilus harrisi</i>	NO	acouchi attacked squirrel
Beardsley Zoo	Hispaniolan Sliders		YES	
Beardsley Zoo	Green Iguana	<i>Iguana iguana</i>	YES	
Beardsley Zoo	Blue and Gold Macaw	<i>Ara ararauna</i>	YES	
Beardsley Zoo	Scarlett Ibis	<i>Eudocimus ruber</i>	YES	
Beardsley Zoo	Ringed Teal		YES	
Beardsley Zoo	Argentine Ruddy Duck	<i>Oxyura vittata</i>	YES	
Beardsley Zoo	Green Heron	<i>Butorides virescens</i>	YES	
Beardsley Zoo	Cattle Egret	<i>Ardeola ibis</i>	YES	
Beardsley Zoo	Blue -grey Tanager		YES	
Beardsley Zoo	White-lined Tanager		YES	
Beardsley Zoo	Silver-beaked Tanager		YES	
Beardsley Zoo	White-bellied Caiques		YES	
Beardsley Zoo	Monk Parakeet		YES	
Beardsley Zoo	Wood Rails		YES	
Beardsley Zoo	Troupial		YES	
Beardsley Zoo	Saffron Finch		YES	
Bronx Zoo/WCS	Marmosets species		YES	
Bronx Zoo/WCS	Reed's titi's monkeys		YES	
Bronx Zoo/WCS	Saki monkeys		YES	
Houston Zoo	Cotton topped tamarins	<i>Saguinus oedipus</i>	YES	Individual CTT's have not worked - too aggressive to acouchis
Houston Zoo	Emperor Tamarins	<i>Saguinus imperator subgriscens</i>	YES	occasional aggression over food

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Houston Zoo	Golden Lion tamarins	<i>Leontopithecus rosalia</i>	YES	
Houston Zoo	Prevost's squirrel	<i>Callosciurus prevostii</i>	YES	
Houston Zoo	Pygmy Marmosets	<i>Callithrix pygmaea</i>	YES	
Topeka Zoo	GIANT BLACK SQUIRREL	<i>Ratufa bicolor</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	MEXICAN PORCUPINE	<i>Coendu mex</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	NUTRIA	<i>COYPU</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Mesker Park Zoo	Owl Monkeys			worked fine
Sedgewick County Zoo	Free-flight birds			acouchi are free-roam in a large <u>jungle building</u> .
Sedgewick County Zoo	Free-flight fruit bats	<i>Pteropus giganteus</i>		acouchi are free-roam in a large <u>jungle building</u> .
Scovill Zoo				
Brevard Zoo	Hyacinth Macaw	<i>Anodorhynchus hyacinthinus</i>	YES	
Cleveland Metroparks Zoo				
Sacramento Zoo				We have had no experience with mixing this species with any others
Zoo New England	Coatis		NO	Some years ago we tried agoutis with coatis but the coatis were too aggressive toward the agoutis.
Reid Park Zoo	Macaw		YES	Brevard zoo. Worked well.
Mesker Park Zoo	Agouti (brother)			killed before mixed with others
Mesker Park Zoo	Curassow			Not a problem yet
Mesker Park Zoo	Red hand Tamari			This one just killed one of the tamarins after being together for over a year.
Minnesota Zoological Garden				for future; mixed exh. with tamarin, sloth exhibit not complete yet so I cannot say if it will work or not

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?
Oglebay's Zoo	Chicken		NO Chicken was put in the exhibit to see if any species of galliformes from South America could be added to the exhibit. The agoutis chased the chicken as soon as it came to the ground. Tamarins were fine with the chicken as was the iguana.
Oglebay's Zoo	Green Aracari		NO Agoutis killed green aracari that fell to ground. Believe that attack was due to the aracari startling the agoutis when it fell to the ground.
Oglebay's Zoo	Cotton-top Tamarin		YES
Oglebay's Zoo	Green Iguana		YES
Milwaukee County Zoological Gardens	King Vulture	<i>Sarcorhamphus papa</i>	YES
Milwaukee County Zoological Gardens	Alpaca	<i>Lama pacos</i>	Yes / No Depending on the individual capybaras, sometimes it has worked. Other times capybaras have been very aggressive to the other animals.
Milwaukee County Zoological Gardens	Baird's Tapir	<i>Tapirus bairdii</i>	Yes / No
Milwaukee County Zoological Gardens	Patagonian Cavy	<i>Dolichotis patagonum</i>	Yes / No
Jacksonville Zoological Gardens	1.1 Baird's tapirs and		No problems.
Emporia Zoo			N/A 0.2
Zoo New England	Baird's tapir	<i>Tapirus bairdii</i>	NO Not compatible, aggression, chased each other.
Zoo New England	Llama	<i>Llama glama</i>	NO Capy aggressive to llama, bit him. No serious problems. The biting occurred primarily because the llama was an older animal that liked to lie down and the capy would try to intimidate him by biting him.
Rolling Hills Zoo	Maned wolf		We have r
Alexandria Zoo			YES The Capy Bara are currently housed in a mixed exhibit with ducks and turkeys
Beardsley Zoo	Lesser Magellan goose	<i>Chloephaga picta picta</i>	YES Geese nested, hatched and raised young.
Brandywine Zoo	cara cara bird		YES no problems with any species
Brandywine Zoo	various ducks		YES no problems with any species
Brandywine Zoo	various turtles		YES no problems with any species

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
Brevard Zoo	Bahama Pintail	<i>Anas b. bahamensis</i>	YES	
Brevard Zoo	Black bellied whistling duck	<i>Dendrocygna autumnalis</i>	YES	
Brevard Zoo	Coscoroba swan	<i>Coscoroba coscoroba</i>	YES	
Caldwell Zoo	American White Ibis	<i>Eudocimus albus</i>	YES	
Caldwell Zoo	Common Squirrel Monkey	<i>Saimiri sciureus</i>	YES	
Caldwell Zoo	Giant Anteater	<i>Myrmecophaga tridactyla</i>	YES	
Caldwell Zoo	King Vulture	<i>Sarcohamphus papa</i>	YES	
Caldwell Zoo	Northern Helmeted Curassow	<i>Crax pauxi pauxi</i>	YES	
Caldwell Zoo	Red-legged Seriema	<i>Cariama cristata</i>	YES	
Caldwell Zoo	Ringed Teal	<i>Callonetta leucophrys</i>	YES	
Caldwell Zoo	Sharp-winged Teal	<i>Anas flavirostris oxyptera</i>	YES	
Detroit Zoo	Alpaca and Brazilian tapir:		YES	Single handraised capybara with two female alpaca and a male and female tapir. High strung female
Detroit Zoo	Giant Anteater		YES	Single males and a single handraised female capybara introduced at separate time to 1.2 giant anteaters.
Detroit Zoo	Guanacos, Brazilian tapirs		YES	Separate but connected location, (Belle Isle Zoo) three male capybaras were housed with seven male guanaco. Some fighting occurred and male capybaras displayed displaced aggression towards one another.
Detroit Zoo	Ponticherry vulture, Rheas		YES	
Detroit Zoo	Pudu		YES	Single male capybara housed with single male Pudu. They really like each others company, sleep with each other and have copulated. The pudu was the copulator.
Detroit Zoo	Ring tailed Coati and Pudu		YES	Single male capybara introduced to single male coati and Pudu. Worked very well until coati escaped exhibit and was moved.
Santa Ana Zoo	Black howler monkey	<i>Alouatta caraya</i>	YES	This is a current exhibit situation.
Santa Ana Zoo	Black necked Swan	<i>Cygnus melanocoryphys</i>	YES	
Santa Ana Zoo	Capuchin monkey	<i>Cebus apella</i>	YES	

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Santa Ana Zoo	Crested Screamer	<i>Chauna torquata</i>	YES	
Santa Barbara Zoo	Agouti	<i>Myoprocta</i>	YES	
Scovill Zoo	Blue & Gold Macaw	<i>Ara ararauna</i>	YES	our macaw grooms the capy's, they all eat our of same food tub (their choice to, more are offered)
Scovill Zoo	Green Iguana	<i>Iguana iguana</i>	YES	
Sedgewick County Zoo	Baird's tapir	<i>Tapirus bairdii</i>	YES	some aggression both ways
St. Louis Zoological Park (Children's Zoo)	Giant anteater	<i>Myrmecophaga tridactyla</i>	YES	
Zoo New England	Cape teal	<i>Anas capensis</i>	YES	This is actually voluntary by the birds since they are free flight in the building, but they are compatible. The birds predominantly stay in the pool (except the guinea fowl). They are full winged, so they can fly out of the exhibit if necessary.
Zoo New England	Cavies		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Magellan geese		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Marbled teal	<i>Marmaronetta angastirostris</i>	YES	This is actually voluntary by the birds since they are free flight in the building, but they are compatible. The birds predominantly stay in the pool (except the guinea fowl). They are full winged, so they can fly out of the exhibit if necessary.
Zoo New England	Rheas		YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	W. Hartlaub's ducks	<i>Pteronetta h. hartlaubii</i>	YES	This is actually voluntary by the birds since they are free flight in the building, but they are compatible. The birds predominantly stay in the pool (except the guinea fowl). They are full winged, so they can fly out of the exhibit if necessary.
Detroit Zoo	Guanacos and Tapirs Bell		Yes / No	Tapir housed in close quarters with capybaras had some chasing issues with the capybaras.

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?
Brandywine Zoo			
Cleveland Metroparks Zoo			
Great Plains Zoo and Delbridge Museum			Not currently in collection
Great Plains Zoo and Delbridge Museum			Not currently in collection
Jacksonville Zoological Gardens	1.1 white-faced sakis.		No problems.
Knoxville Zoological Gardens			we do not have
Mesker Park Zoo	BlackNeckSwan		worked well/large lake/land area (2 lakes)
Mesker Park Zoo	Coscoroba Swan		worked well/large lake/land area (2 lakes)
Mesker Park Zoo	Costa Rican Deer		worked well/large lake/land area (2 lakes)
Mesker Park Zoo	Guanacos		worked well/large lake/land area (2 lakes)
Mesker Park Zoo	various ducks		worked well/large lake/land area (2 lakes)
Oglebay's Zoo			
Reid Park Zoo	None		We have a female who's been aggressive toward conspecifics in the past, and recently toward our female common tapir when we tried housing them together. This has led to us keeping her by herself. When we get other capybaras in I plan to try mixed exhibits with them again.
Sedgewick County Zoo	Many species of birds		exhibit located in large aviary. Many species of birds have access to exhibit.
Zoo New England	Capybara	YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Flamingos	YES	Cavies (several) with waterfowl and flamingos. Successful.
Zoo New England	Magellan geese	YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Zoo New England	Rheas	YES	2.2 cavies, 0.2 capys, 1.6 llamas, 1.1 Magellan geese and 0.4 rheas. Successful.
Bronx Zoo/WCS			

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

Mixed with Species		Was the pairing Successful?	
Scovill Zoo			
Baltimore Zoo			not here during my time
Brandywine Zoo			outreach animals
Great Plains Zoo and Delbridge Museur			Education/housed individually
Great Plains Zoo and Delbridge Museur			Education/housed individually
Knoxville Zoological Gardens			not mixed- education animal
Brevard Zoo		NO	
Sedgewick County Zoo			
Sunset Zoo	none		
Emporia Zoo	Chinchilla	N/A	all male
Jacksonville Zoological Gardens		N/A	
Brookfield Zoo	Degu	<i>Octodon degus</i>	YES 2 males degus housed with castrated male chinchilla as
Bronx Zoo/WCS			
Caldwell Zoo			
Central Florida Zoological Park	none		Education animal
Cleveland Metroparks Zoo			
Fort Wayne Children's Zoo	None		Education Animal
Minnesota Zoological Garden			
Oglebay's Zoo			
Santa Ana Zoo			not mixed
Scovill Zoo			
St. Louis Zoological Park (Children's Zo			
Tautphaus Park Zoo			
Utah's Hogle Zoo	N/A		
Utica Zoo			
Zoo New England			no
Bronx Zoo/WCS			
Baltimore Zoo		NO	
Brookfield Zoo	Chinchilla	<i>Chinchilla lanigera</i>	YES 2 male degus housed with 1 castrated male chinchilla and 2 female chinchillas on exhibit.
Bronx Zoo/WCS			
Emporia Zoo			

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Knoxville Zoological Gardens				not mixed
Utah's Hogle Zoo	N/A			
Utica Zoo				
Caldwell Zoo				0.2.0 guinea pig/education animals--not in mixed species exhibit
Brevard Zoo			NO	
Brookfield Zoo	Domestic Rabbit	<i>Oryctolagus cuniculus</i>	YES	done is a supervised outdoor setting for the past 3 years.
Brandywine Zoo				outreach animals
Cleveland Metroparks Zoo				
Cosley Zoo				Have never exhibited
Knoxville Zoological Gardens				not mixed- education animal
Los Angeles Zoo	Not mixed with any other			
Milwaukee County Zoological Gardens				Education animals, housed separately.
Minnesota Zoological Garden				
Santa Ana Zoo				not mixed
St. Louis Zoological Park (Children's Zo				
Cleveland Metroparks Zoo				
Alexandria Zoo			N/A	We currently have no Nutria at this time.
Topeka Zoo	ACOUCI	<i>Myoprocta pratti</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	GIANT BLACK SQUIRREL	<i>Ratufa bicolor</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
Topeka Zoo	MEXICAN PORCUPINE	<i>Coendu mex</i>	YES	All of these species have done well together, all with reproduction except <i>Ratufa bicolor</i> .
St. Louis Zoological Park (Children's Zo	NO LONGER IN COLLECT			
Cleveland Metroparks Zoo				
Los Angeles Zoo	common piping guan	<i>Aburria pipile</i>	YES	No problems.
Cleveland Metroparks Zoo				
Alexandria Zoo			YES	The Patagonian Cavy our housed in a mixed exhibit with Agouti, tapirs and chickens

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	Mixed with Species		Was the pairing Successful?	
Brevard Zoo	Giant Anteater	<i>Myrmecophaga tridactyla</i>	YES	Depends on individual, previous anteater showed aggression towards the caviés
Reid Park Zoo	common tapirs		YES	(2) Woodland park Zoo.
Reid Park Zoo	rheas		YES	(1) Brevard Zoo, Both exhibits worked well.
Santa Ana Zoo	Common Rhea	<i>Rhea americana</i>	YES	
Santa Ana Zoo	Guanaco	<i>Lama guanicoe</i>	YES	Cavies no longer in collection-moved out due to unmanagable biting fly problem with cavy ears. The mixed exhibit was very successful.
Tautphaus Park Zoo	greater rhea	<i>rhea americana</i>	YES	Cavies have access to burrow/barn allowing them to escape if the guanacos and rheas start running around exhibit.
Tautphaus Park Zoo	Guanaco	<i>lama guanicoe</i>	YES	Cavies have access to burrow/barn allowing them to escape if the guanacos and rheas start running around exhibit.
Utah's Hogle Zoo	Patagonian conure	<i>Cyanoliseus patagonus patagonus</i>	YES	No problems or concerns
Utah's Hogle Zoo	Picui ground dove	<i>Columbina picui</i>	YES	No problems or concerns
Utah's Hogle Zoo	Rufous-collard sparrow	<i>Zonotrichia capensis</i>	YES	No problems or concerns
Utah's Hogle Zoo	Saffron finch	<i>Sicalis flaveola</i>	YES	No problems or concerns
Sunset Zoo	none			
Utah's Hogle Zoo	Common gallinule	<i>Gallinula chloropus</i>		No problems or concerns
Brandywine Zoo	golden head tamarins	<i>Leontopithecus chrysomelas</i>	NO	aggressive with porcupines
Brevard Zoo			NO	
Oglebay's Zoo	Cotton-top Tamarin	<i>Saguinus oedipus</i>	NO	Tamarins attacked porcupine. Porcupine climbed in tamarin nestbox. Porcupine went into nestbox and would quill tamarins. Box with smaller hole was given to tamarins, and things went well after that. Juvenile tamarins would also inspect the porcupine. Sometimes they would get quilled and scream, and the father tamarin would attack the porcupine and get filled with quills.

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>	
St. Louis Zoological Park (Children's Zoo)	three-banded armadillo	<i>Tolypeutes matacus</i>	NO	armadillo received many quills on two different occasions
Brandywine Zoo	goeldi monkeys	<i>callimico goeldii</i>	YES	fine, no problem
Brandywine Zoo	golden hand tamarins	<i>sanguinus midas</i>	YES	old, no problem
Bronx Zoo/WCS	Douroucouli		YES	
Los Angeles Zoo	cotton-top tamarin	<i>Saguinus oedipus</i>	YES	Porcupines are in with both tamarins and armadillos. No problems at all.
Los Angeles Zoo	three-banded armadillo	<i>Tolypeutes matacus</i>	YES	
Mesker Park Zoo	Owl Monkey	<i>Aotus l. griseimembra</i>	YES	Mixed with Owl monkeys and Sloths separately - not all 3 at same time
Mesker Park Zoo	Two-Toed Sloths	<i>Choloepus didactylus</i>	YES	Mixed with Owl monkeys and Sloths separately - not all 3 at same time
Moody Gardens	Owl Monkey	<i>Aotus lemurinus</i>	YES	A few problems with quills, but nothing that requires medical attention.
Oglebay's Zoo	Hoffmann's two-toed sloth	<i>Choloepus hoffmanni</i>	YES	
Utah's Hogle Zoo	Black tufted-ear marmoset	<i>Callithrix kuhlii</i>	YES	Marmosetes do very well with the porcupine and agouti at the same time.
Utah's Hogle Zoo	Prevost squirrel	<i>Callosciurus prevostii</i>	YES	Successful with older, less aggressive males. Male got quilled a couple of itkes when new porcupine babies were born, but it was not serious
Utah's Hogle Zoo	Speckled mousebird	<i>Colius striatus</i>	YES	Mousebirds were only temporary, but they did very well.
Utah's Hogle Zoo	St.Vincent's agouti	<i>Dasyprocta leporina aguti</i>	YES	Agouti have been quilled on occasion, but no serious injury not here during my time
Baltimore Zoo				
Brandywine Zoo				
Central Florida Zoological Park	none			
Cleveland Metroparks Zoo				
Fort Worth Zoological Park	None			
Moody Gardens	Tamandua	<i>Tamandua tetradactyla</i>		
Tautphaus Park Zoo				
Bronx Zoo/WCS				
Utah's Hogle Zoo	N/A			
Moody Gardens	Cotton top tamarins		NO	

South America

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>		<u>Was the pairing Successful?</u>
Moody Gardens	Fish		NO The agouti appeared to be too shy and skittish around guests walking on pathway near his feed station. Often found hiding and was stressed easily.
Moody Gardens	Free flight birds		NO
Moody Gardens	Sloths		NO
Lincoln Park Zoo	Pileated jay sp.		NO There was competition for the food source when mixed with a pileated jay species
Alexandria Zoo			YES The Agouti our housed in a mixed exhibit with cavy, tapir, and chickens.
Los Angeles Zoo	black howler monkey	<i>Alouatta caraya</i>	YES
Los Angeles Zoo	southern pudu	<i>Pudu puda</i>	YES No problems with any of these species.
Los Angeles Zoo	white-faced saki	<i>Pithecia pithecia</i>	YES
Oregon Zoo	Black howler monkey	<i>Alouatta caraya</i>	YES
Oregon Zoo	Dwarf caiman	<i>Paleosuchus palpebrosus</i>	YES
Oregon Zoo	Swainson's toucan	<i>Ramphastos swainsonii</i>	YES
Oregon Zoo	White-faced saki	<i>Pithecia pithecia</i>	YES
Santa Ana Zoo	Channel billed Toucan	<i>Ramphastos vitellinus</i>	YES
Santa Ana Zoo	Green iguana	<i>Iguana iguana</i>	YES
Santa Ana Zoo	Hoffmans Sloth	<i>Choloepus hoffmanni</i>	YES
Santa Ana Zoo	White faced Saki	<i>Pithecia pithecia</i>	YES This is a current exhibit situation.
St. Louis Zoological Park (Children's Zoo)	Golden headed lion tamarin	<i>Leontopithecus chrysomelas</i>	YES
St. Louis Zoological Park (Children's Zoo)	Linne's two-toed sloth	<i>Choloepus didactylus</i>	YES
St. Louis Zoological Park (Children's Zoo)	pygmy marmoset	<i>Callithrix p. pygmaea</i>	YES
Jacksonville Zoological Gardens	0.1 gray-winged trumpeter		Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	0.1 red-legged seriema		Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	0.2 gray-necked wood rail:		Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	0.2 white-headed piping g:		Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	1.1 Chilean pudu		Neotropical walk-through aviary. No problems.

South America

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	<u>Mixed with Species</u>	<u>Was the pairing Successful?</u>
Jacksonville Zoological Gardens	2.0 blue-knobbed curasso'	Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	fish	Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	many other bird species	Neotropical walk-through aviary. No problems.
Jacksonville Zoological Gardens	turtles	Neotropical walk-through aviary. No problems.

RTAG Mixed Sp Survey Sorted by Geographical Area

World-wide

For more detailed Geographical Range and Habitat information see Table 3 in the Rodent TAG RCP.

	<u>Mixed with Species</u>	<u>Was the pairing Successful?</u>
HOUSE MOUSE		
		<i>Mus musculus</i>
Brookfield Zoo	NA	
Fort Worth Zoological Park	None	
Milwaukee County Zoological Gardens		Education animals, housed separately.
Bronx Zoo/WCS		
Mesker Park Zoo		None (Education Animals)
Minnesota Zoological Garden		
Oregon Zoo		
Scovill Zoo		
Jacksonville Zoological Gardens		N/A
Brookfield Zoo	NA	