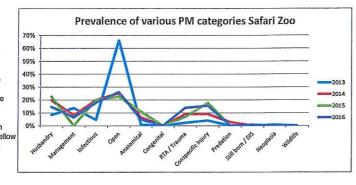
SAFARI ZOO POST MORTEM DATABASE AUDIT 2013 to 2016

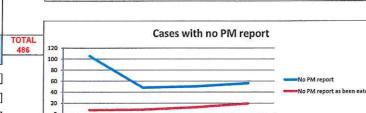
	2013	2014	2015	2010	6
Distribution of mortality categories	% of all cases				
Husbandry	8%	20%	23%	15%	Dblue
Management	14%	8%	0%	7%	Red
Infectious	5%	20%	20%	18%	Gren
Open	66%	25%	23%	26%	Purple
Anatomical	1%	6%	11%	5%	Lblue
Congenital	0%	0%	0%	0%	Orange
RTA / Trauma	2%	9%	7%	14%	Mblue
Conspecific injury	4%	9%	18%	15%	Pink
Predation	0%	3%	0%	0%	Lgreen
Still born / DIS	0%	0%	0%	1%	Mud ye
Neoplasia	1%	0%	0%	0%	Yellow
Wildlife	0%	0%	0%	0%	
Total	100%	100%	100%	100%	



Number of deaths with PME forms against those reported on ZIMS

NO PM
Conspecific injury
Hypothermia
Primate
Macropods
Psittacine
Dheacants dat asets

1	Number of cases	Number of cases	Number of cases	Number of cases
Husbandry	11	22	27	18
Management	18	9	0	8
Infectious	6	22	24	22
Open	87	28	27	32
Anatomical	1	7	13	6
Congenital	0	0	0	0
RTA / Trauma	3 5	10	8	17
Conspecific injury	5	10	21	19
Predation	0	3	0	0
Still born / DIS	0	0	0	1
Neoplasia	1	0	0	0
Wildlife	0	0	0	0
Total	132	111	120	123



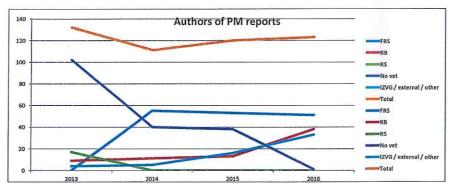
2015

2013

Total start population	1406	1584	1689	1659	
Total number of reported deaths	132	111	120	123	
Animal inventory (ZIMS) (total)	176	123	146	108	

Variation	-44	-12	-26	15
Deaths as % start population	9%	7%	7%	7%

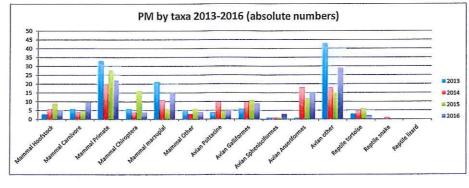
	2013	2014	2015	2016
No PM report	105	48	50	56
No PM report (% total cases)	- 80%	43%	42%	46%
No PM report eaten/decomposed	7	8	12	19
No PM report as eaten (%)	5%	7%	10%	15%
	0	55	53	51
FRS	0	55	53	51
RB	9	11	13	38
RS	17	0	0	0
No vet	102	40	38	1
IZVG / external / other	4	5	16	33
Total	132	111	120	123

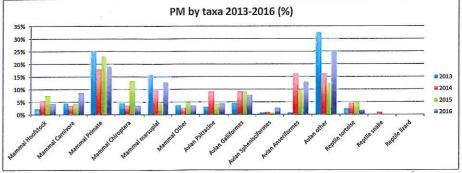


2016

Taxonomic	groups	POST	MOR	rems

	2013	% total	2014	% total	2015	% total	2016	% total
Mammal Hoofstock	13	2%	6	5%	9	8%	5	4%
Mammal Carnivore	6	5%	4	4%	5	4%	10	9%
Mammal Primate	33	25%	20	18%	28	23%	22	19%
Mammal Chiroptera	6	5%	4	4%	16	13%	4	3%
Mammal marsupial	21	16%	11	10%	6	5%	15	13%
Mammal Other	5	4%	3	3%	6	5%	4	3%
Avian Psittacine	4	3%	10	9%	5	4%	5	4%
Avian Galliformes	6	5%	10	9%	11	9%	9	8%
Avian Sphenisciformes	1	1%	1	1%	1	1%	3	3%
Avian Anseriformes	1	1%	18	16%	12	10%	15	13%
Avian other	43	33%	18	16%	15	13%	29	25%
Reptile tortoise	3	2%	5	5%	6	5%	2	2%
Reptile snake	0	0%	1	1%	0	0%		0%
Reptile lizard	0	0%	0	0%	0	0%	0	0%
Total	132	100%	111	100%	120	100%	123	106%



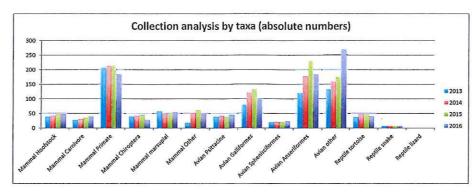


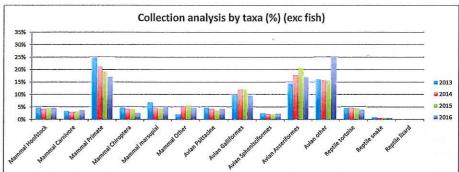
Taxonomic groups (start of year living collection)

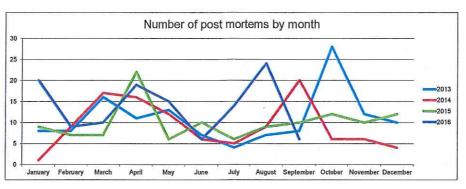
	2013	% total	2014	% total	2015	% total	2016	% total
Total (minus fish)	829		1007		1112		1082	
Mammal Hoofstock	39	5%	43	4%	48	4%	49	5%
Mammal Carnivore	28	3%	30	3%	35	3%	40	4%
Mammal Primate	207	25%	213	21%	215	19%	184	17%
Mammal Chiroptera	40	5%	42	4%	46	4%	29	3%
Mammal marsupial	57	7%	48	5%	48	4%	54	5%
Mammal Other	18	2%	53	5%	62	6%	50	5%
Avian Psittacine	40	5%	42	4%	40	4%	46	4%
Avian Galliformes	80	10%	120	12%	134	12%	103	10%
Avian Sphenisciformes	20	2%	22	2%	22	2%	24	2%
Avian Anseriformes	120	14%	179	18%	231	21%	184	17%
Avian other	134	16%	159	16%	175	16%	270	25%
Reptile tortoise	38	5%	48	5%	48	4%	41	4%
Reptile snake	8	1%	8	1%	8	1%	8	1%
Reptile lizard	0	0%	0	0%	0	0%	0	0%
	829	100%	1007	100%	1112	100%	1082	100%

NUMBER OF POSTMORTEMS BY MONTH

	2013	2014	2015	2016	
January	8	1	9	20	
February	8	9	7	9 10	
March	16	9 17	7	10	
April	11	16	22	19	
May	13	12	6	15	
June	7	6 5	10	6	
July	4	5	10 6	6 14	
August	7	9	9 10	24	
September	7 8	20	10	6	
October	28	6	12		
November	12	6	10		
December	10	6 6 4	12		
Total	132	111	120	123	







o. Date of	Date of PM	Tava	Species	Species	ID	Cav	Ago	Wolaht (ka)	Microchin	Location	uv.	Gross findings	Diannosis	Category	Histology	Microbiology	Author
death	Date of PM		Species	Species	ID CCC021		Age 5y8m	Weight (kg)	Microchip 956000001227365	Location Illescas Aviary	Hx Free flying bird, found in the front field with several	Gross findings Animal very thin, severe lacerations under the wings,	Diagnosis Inanition and not feeding properly due to severe	RTA / Trauma	INA	NA	FRS
017017201	0110112010	Aman outer	Stork		CCCOZI	INK	Syom	4.2	93000001227303	inescas Aviary	rice mying back, cloud at the trott heat was several injuries on wings, especially left wing. Kept in vet room and tube fed for two days. Died 2 days later.	lost a lot of blood and possible wing fracture. Haematomas in pectoral muscle, wings and legs. GII empty, critical care found in the ventriculus.	injuries and loss of blood.				
01/01/201	03/01/2016	Mammal Carnivore	Raccoon	Procyon lotor	PL0050	М	est 16y	5.75	NR	NR	Lethargic reduced Appetite in bed sleeping a lot, seen by vets AG RB, loss of condition, symptoms	Animal very thin, no muscle or SC fat, all internal organs seem in normal condition, no major findings a	Not eating properly very old animal, loss of condition thin last year	Open	NA	NA NA	FRS
06/01/201	06/01/2016	Avian other	Inca tern	Larostema inca	LT1022	M	Adult	NR	NR	Illescas Aviary	returned a few days after death. Let out to aviary for the first time, adverse climate	PME,	Exposure	Husbandry	NA NA	NA NA	FRS
000045044	00/04/0040										conditions. One of five birds found dead overnight. Unable to perform PME as eaten by the vultures.			Husbandry	MA	MA	FRS
06/01/2010	06/01/2016	Avian other	Inca tern	Larostema inca	LT1020	M	Adult	NR	NR	Illescas Aviary	Let out to aviary for the first time, adverse climate conditions. One of five birds found dead overnight. Unable to perform PME as eaten by the vultures.	NA	Exposure	nusbandry	NA		THE .
06/01/2016	06/01/2016	Avian other	Inca tern	Larostema inca	LT1015	F	Adult	NR	NR	Illescas Aviary	Let out to aviary for the first time, adverse climate conditions. One of five birds found dead overnight.	NA	Exposure	Husbandry	NA	NA	FRS
06/01/2016	06/01/2016	Avian other	Inca tern	Larostema inca	LT1009	F	Adult	NR	NR	Illescas Aviary	Unable to perform PME as eaten by the witures. Let out to aviary for the first time, adverse climate conditions. One of five birds found dead overnight.	NA	Exposure	Husbandry	NA	NA	FRS
06/01/2016	06/01/2016	Avian other	Inca tern	Larostema inca	LT1031	F	Adult	NR	NR	Mescas Aviary	Unable to perform PME as eaten by the vultures. Let out to aviary for the first time, adverse climate	NA	Exposure	Husbandry	NA NA	NA NA	FRS
		63,647,900 (56,9)		1	91.0100000			10000	760.8		conditions. One of five birds found dead overnight. Unable to perform PME as eaten by the vultures.					Dunks profine growth of mixed encorpher	FRS
08/01/2016	08/01/2016	Mammal Hoofstock	Muntjac deer	Munilacus reevesi	MRR015	F	8y6m	NR	NR	NR	Acute diarrhoea caused by anaerobes	In good body condition with no external signs of injuy, nunny facces observed around arus and hind legs, small amount of free fluid in abdomen, fiver, heart, lungs NAD. Green paste in stomach, no signs of fibre or hay ingesta. Liquid greenish content in small and large intestines which showed acute enteritis and diarrhoea, small intestines inflammed and pink.		Infectious	NA	Swab: profuse growth of mixed anaerobes.	rns
15/01/2016	15/01/2016	Avian other	Night heron			NR	NR	0.841	NNX011	NR		Externally no signs of injury or wounds, some blood was observed coming from the beak and nostrils. Internally bleeding around GIT- kidneys and liver blood clots observed inside the carity, some fish content in the gizzard. Cusue of death 4 use to signs of interval bleeding, rat poisonign or eating a mouse with rat baid contents.	Rodenticide poisoning - note ddx trauma	Husbandry	NA	NA .	FRS
18/01/2016	18/01/2016	Avian other	Little egret		EG040	NR		0.4	Green AD	NR		Externally no signs of wounds or injuries, body condition thin. No food content observed in GIT. Last section of SI was necroic and hyperaemic.	Possible torsion of small intestines or blockage, although nothing was found inside the tract, causing necrosis in the last portion of the small intestines - note ddx infectious enteritis	Infectious	NA	Swab: NAD	FRS
20/01/2016	23/01/2016	Mammal Other	Red squirrel	Scurius vulgaris	SV007	F		0.246		NR		pathology, all organs looked normal, no food in the	Emacialed, inantion.	Husbandry	NA	NA	NR
20/01/2016	20/01/2016	Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	PR021	м	2 years	0.214	NR	NR	Found on floor, cold, no grip.	GIT and no faeces. BCS good, moderate SC and intrabdominal fat. GIT	Focally extensive moderate acute SC and IM	RTA / Trauma	NA NA	NA NA	IZVG
													haemorrhage skull; 2. Presumed marginal moderate acute haemorrhage, lung; 3. Mild haemothorax. Comment: Suggestive of acute trauma.		2		
21/01/2016	21/01/2016	Avian other	Southern ground hombil	Bucorvus leadbeateri	BLB003	F	est 7y	3.3	528210004000964	NR	Found in house dead. One eye missing, blood on beak and back of neck.	Bird in good body condition, it was visibly pecked on the back of the head and face. This fixely occurred as the bird was recumbent and dying. There was dramatic pathology visibly immediately upon sixinning to the bird, there was massive areas of haemornhage in the groin and inner thighs on both legs. There was more haemornhage in the abdomen, both lungs were full of haemornhage. There was free blood in the trachea. There was partly digested chick in the ventriculus.	rodent poisoning - ddx trauma	Husbandry	NA -	INA	RB
	23/01/2016	Avian anatidae	Fulvous whistling duc	:k	DB0005				Red HP	NR	Found dead in aviary, partly eaten	Unable to PM - body eaten	Open - scavenged/predation	Open	NA	NA	NR
23/01/2016	23/01/2016	Mammal Carnivore	Тауга	Eira barbara		М	10y	3.8	Tupac	NR	Prolapse seemed to be coming out of his rear, very skinny	Emaciated, incisors and cannes frequently broken off or shortened, mild tartar, GIT NAD but scanly conteins, shrunken liver, dilated gall bladder, lungs NAD (anthrasilicosis), heart NAD, kidneys slightly	Emaciation with serous fat atrophy, diffuse muscle wasting and hepatic atrophy, 2. Presumed mild interstitial fibrosis, kidneys.	Anatomical	Anthrasticosis, haemosidderosis liver and lung, no evidence of renal pathology. Open	Parasitology - unremarkable; Microbiology - unremarkabel	IZVG
23/01/2016	23/01/2016	Mammal marsupial	Western grey Kangaroo	Mecropus fuliginosus	MF0129	F	Зу	23,05	MC000008247873	NR	Disorientated, looked OK at AM checks and seen eating, then ill in afternoon and dead 2 hours later	the cuase of death was obvious: severely congested	evidence of clostridial disease.	Infectious	NA .	Bacteriology: 15cm section of affected gut - negativ for bacteriology and clostridial toxins	ve RB
25/01/2016	25/01/2016	Mammal Primate	Common squirrel monkey	Saimiri sciureus	\$\$0032	М	4y	0.752	956000008250944	NR	Fighting amongst the group, several injuries obtained Animal was attacked by other males, causing him serious injuries and wounds in chest, legs and abdomen. Was very weak, thin and exhausted. Kept in vet room and given meloxicam. Died overnight.		Conspecific trauma	Conspecific injury	NA	NA	FRS
25/01/2016	25/01/2016	Mammal Hoofstock	Alpaca	Vicugna pacos	LP0003	F	6y9m		Sunni	NR	This alpaca was outside with the group in wet, cold weather. Was losing weight and not feeding enough, noted keepers unable to notice due to the wool.	Externally animal was in very poor BCS, no muscle or body fat, no signs of wounds or injuries. Coal was totally wet and cold, water had gone through wool There was a total lack of gross PME pathology, all organs appeared normal. No food content in GIT. Parasite positive for Trichostrongylus spp. No diagnosis could be reached on the evidence of this PM.	Cause of death due to hypothermia due to exposure to extreme weather conditions, emaclation, trichostrongylus infection. Exposure	Husbandry	NA	NA	FRS
28/01/2016	22/02/2016	Avian Galliformes	Common peafowl	Pavo cristalus	PC0001	М	Adult	4.1		NR	This bird had been found dead under some timber planks, there had been a suspicion one of these may	lack of gross PME pathology. All organs appeared	Open	Open	NA	NA	RB
1/01/2016	31/01/2016	Avian Galliformes	Lady Amherst's	Chrysolophus amherstiae	CAM011	M	3v	NR	Blue CH	NR	have fallen and injured the bird.	normal and there was food in the ventriculus and normal faeces in the lower GIT. Unable to perform PM - body eaten	Open - scavenged/predation	Open	NA .	INA	RB/I
	01/02/2016	Avian other	pheasant Eurasian spoonbill	Platalea leucorodia		UNK	19y	2.25	Blue WA	NR	Found in pond in aviary		Very old bird - couldn't cope with the extreme	Husbandry	NA NA	NA NA	NR
1/02/2016	01/02/2016	Mammal marsupial	Western grey kangaroo	Macropus fuliginosus	MF0061	М	8m	5.25 ,	No chip found but ZIMS 956000477766	NR	Disorientation, small amounts of blood around back end. Treated 24 hours prior to death for acute haemorrhagic diarhoea	Good BCSm significant volume of free fluid in abdomen (40ml), pink in colour. 15ml free fluid in thorax. Heart nad lungs Nad. Abdominal viscera NAD. No food in stomach. SI enterbis, pink / purple	weather conditions and storm, no PM performed. Acute haemorrhaghic enteritis	Infectious	NA .	Microbiology: GIT contents mixed flora and heavy growth of non-haemolytic E.coti	RB
5/02/2016	06/02/2016	Avian other	Sacred ibis	Threskomis aethiopicus		UNK	UNK	1.275	Red SO	NR	Limp, difficulty walking. Euthanased	colour and red smelly faecs.	No PM report	Open	NA .	NA .	RB
9/02/2016 7/02/2016	09/02/2016 17/02/2016	Avian anatidae Avian other	Cape teal Rosette spoonbill	Anas capensis	ACP008 NA	UNK	NR Chick	0.254 0.4	Green FV left NA	NR NR	Found dead on path Fell from nest	No PM performed decomposed No PM report	Decomposed Fell from nest	Open RTA / Trauma	NA NA	INA I	FRS
1/02/2016	21/02/2016	Avian anatidae	North American wood duck	Aix sponse	AS0041	F	NR	0.25	Green BB	NR		No external injury on the body, lack of gross PM pathology, all organs normal. No food in the GIT, no faeces. No daignosis could be reached on the evidence of this PME	∪pen .	Open	ivs.	, and a second	FRS
4/02/2016	24/02/2016	Mammal Primate	Common squirrel monkey	Salmiri sciureus	SS0037	М	4y	0.95	956000008251722	NR	Aggression within the group, multiple injuries occurred.		Conspecific trauma	Conspecific injury	NA	NA .	RB
5/02/2016	04/03/2016	Mammal Primate	Ring tailed lemur	Lemur catta	LC0049	F	10y	2	MC00066439A6	NR	Prolapsed vagina for months, pen strep - dexafort, sutured vagina. Euthanased.	01000	Euthanased - prolapsed vagina	Anatomical	NA NA	NA NA	RB
9/02/2016		Avian Gallformes	Swinhoe's pheasant	Lophura swinholi	LS0003	M	Зу	1,45	Blue HZ	NR	Attacked by white eared pheasant, with visible injuries on head, neck and legs. Not clear if killed or died in aftercare.	Good BCS, normal body mucle, injuries and wounds on head, neck and legs. Big puncture wound on neck with visible internal haematoma. Signs of internal local bleeding caused by fighting with other bird.	fighting with white eared pheasant. No need for	Conspecific injury	NA .	ING	FRS
4/03/2016	14/03/2016	Avian other	Chitean flamingo	Phoenicopterus chilensis	PCC019	м		1.8	Blue AXT	NR	Broken wing, looked like old injury, exposed bones. Sudden death with no previous signs of illness or injury.	Bird looked thin, with little body muscle. Obvious open fracture of the right radius bone, fracture looked at least a week old, the wing was swotlen in the area and had formed a scab around the wound. The area around the open fracture was infected. The bird did not show any signs of pain and was together with the group until found dead in the morning. No need for further investigation - note image on file of fracture - appears close to the carpus.	carpus, cause of death not reported but assumed	RTA / Trauma	NA	NA	RB /F

Date of death		M Taxa	Species	Species	ID	Sex	Age	Weight (kg)		Location	Hx	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
	016 17/03/201	6 Mammal marsupial	Parma wallaby	Macropus parma	MP0140	F	6 weeks	0.542	956000004717776	NR	Found dead in the parma hut. The animal had his 2n dose of heptavac 8 days prior to death	d Good BCS, no external signs of injury, runny faeces observed around anus, tail and legs. Small amount of	Acute enteritis and dehydration	Infectious	NA	NA	FRS
											мис и периотом о цаўз риці II Оёвій	observed around arvs, sat and legs. Simal amount of thee fluid in abdominal cardy. Heart nad lungs NAD, fiver NAD. Stomach contained a green paste but no signs offize or hay ingests, goros pathology performed on the intestines, figuid greenish content in small and large intestines – south enterits and diarrhoea. Small instessines pink and inflammed.					
		6 Avian other	Turkey vulture	Catherles aura		UNK		1.25	Red VR	NR	Pecked by black vultures, enrofloxacin and meloxicam, severe injuries caused by the black vultures. Multiple similar incleints with this bird but most recent just prior to death damaged legs and parts of the body. Not able to stand up nor use the right leg. Died, injuries were serious and deep, bird will not take any food and became very weak. No need for further investigation.		Conspecific injury (black vultures)	Conspecific injury	NA NA	NA	RB/ FR
19/03/2	20/03/2010	6 Mammal marsupial	Parma wallaby	Macropus parma	MP0125	F	Зу	3.15	956000001225339	NR	Tail abscess, on alamycin LA, kept in vet room for treatment. Stress and shock for being locked in for treatment combined with speticaemia and tail		Tail abscess, septicaemia, stress of isolation	Infectious	NA	NA	RB
22/03/2	22/03/2010	6 Mammal Camivore	Sumartran tiger	Panthera tigris sumatrae		м	14y	NR	Padang	NR	infection thought to have led to death. Euthanased at requesat of DG, no notes as to	No report	Cuited	Management	NA	NA	NR
		6 Avian anatidae	Ruddy shelduck	Tadoma ferruginea	TFG002	UNK	2y8m	NR	Green CN	NR	reason. AG euthanased. Found with head caught under bench overnight	N Sur		Husbandry	NA NA	NA	FRS
	116 27/03/2016 116 27/03/2016		North American wood duck Rodrigues fruit bat	Pteropus rodricensis	AS0033 PR0073	F	10y	0.533	Unbanded	NR NR	Run over by road train Caught both wings inbetween mesh, both wings with	No PME carried out No PM report except images of the fractures of the	Run over by train Open, fractured wings	RTA / Trauma	NA NA	NA NA	FRS
28/03/20	16 28/03/2016	6 Reptile tortoise	Spur thighed tortoise	Testudo graeca	TM0006	UNK	UNK	0.575	956000001542831	Anteater enclosure	opened fractures. Bone exposed. Died a few minutes later due to shock. Missing for weeks, found dead in anteater enclosure,		Decomposed	Open	NA .	NA NA	FRS
	16 29/03/2016	0.0000000000000000000000000000000000000	Parma wallaby		MP0133	1100000	1v6m	2.85	956000003196415	ND	body decomposed, unable to perform PME.	Acute peritonitis, from ruptured stomach well.	Acute peritonitis	Infectious	NA.	NA.	
23103120	29/03/2016	о машна тазорга	галпа магасу	Macropus parma	MF0133		iyom	2.03	93000003190415	, and a second	"Bracken" , no history	Ulcerated at abscess site adjacent to liver, large distended mesenteric LN, over 100mls of red/brown pus in abdomen. Yellow fibrin strands over the liver and spleen surfaces.	Picate periturius	MIECOUS		no.	, No
02/04/20	16 05/04/2016	6 Avian Galliformes	Chicken	Gellus gallus domesticus	NR	М	NR	NR	NR	NR	No history	No gross pathology to indicate cause of death, grain in crop, normal faeces, thin BCS, no signs of injury nor trauma.	Open	Open	NA .	NA	RB
03/04/20	05/04/2016	6 Avian other	Little egret	Egretta garzetta	EG0020	F	NR	0.48	Red AF	Aviary	Found dead in awary on arrival in morning.	No gross pathology to indicate cause of death. No food in gizzard, normal faeces, good body condition, no signs of injury nor trauma	Open	Open	NA	NA	RB
02/04/20	05/04/2016	5 Mammal marsupial	Parma wallaby	Macropus parma	MP0118	F	4y10m	3.15	956000001228673	NR	*Brindy* was found dead in enclosure, no prior symptoms of illness had been noted.	no signs of injury not vauma Good BCS, no signs of trauma to the body, gross pathology was obvious in the abdominal carrity, there was approximately 50ml of red stained free fluid. There was a 1.5cm abscess in the bowel wall at the ileocaccal junction. This area was inflammed and purple in colour, all other abdominal organs were grossly normal. The chest carrity was normal.	Acute peritonitis from intestinal wall abscess	Infectious	NA NA	NA	RB
08/04/20	16 09/04/2016 16 08/04/2016		Rodrigues fruit bat North American wood		PR0209 AS0026	NR M	NR NR	0.198 0.834	956000002949919 2502285000005660	Tropical house Birds	Broken leg, euthanased by RB Run over by road train, no PME performed	No PM report	Broken leg Run over	RTA / Trauma RTA / Trauma	NA NA	NA NA	RB RB
10/04/20		n posentranos antesec	duck Lady Amherst's	Chrysolophus amherstiae	CAM009	M	NR	0.699	227 AP 13 12	Birds	Run over by ranger, no PME performed	No PM report	Run over	RTA / Trauma	NA	NA .	RB
	16 14/04/2016		pheasant Western cattle egret	=	BI0027	UNK	NR	NR	Blue CH	NR	The bird was found dead below the nests in the	It was in good BCS, there was no external or internal		Open	NA	Microbiology and parasitology faeces, NAD	RB
											enclosure, no prior symptoms of disease had been noted.	signs of traumatic injury, all organs were grossly normal. There were no indicators of infection or septicaentia, there was food in the upper GIT, there was some dark brown / green loose faeces in the lower section of the bowel. No cause of death identified.				, , , , , , , , , , , , , , , , , , , ,	
14/04/20	16 14/04/2016	Avian Gallformes	Golden pheasant	Chrsolophus pictus	CPC011	F	NR	NR	Red CN	NR	The bird was found comatose this afternoon and died soon after.	It was very emaciated with a distended abdominal cavity, there was severe peritoritis with findrinous pus overthing the intestines. The few was grossly swotlen and full of yellow green abscesses, This was obviously a chronic condition which had been progressing for quite a long time. Sections of liver have been submitted for lab investigation.	Necrogranulomatous hepatitis (avian TB)	Infectious	Marked multifocal to confluent necrogranulomatous hepatifs with glant cell formation and mild hepatic armyfoldosis, iver. ZN positive – assumed mycobacterium avium.	NA .	R8 / IZV
16/04/20	16 16/04/2016	Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	PR0203	F	NR	0.252	956000008229079	NR	PM not performed - stayed in Andrew's car for days		Open	Open	NA	NA	?AG / FF
18/04/20	16 18/04/2016	Mammal marsupial	Western grey kangaroo	Macropus fuliginosus	NA	UNK	Joey	NR	Dam MF0142	World Safari area	Joey found dead lying on floor in world safari area	Early stage, no fur grown yet, dropped from pouch, no need for further investigation	Open	Open	NA	NA NA	FRS
	16 18/04/2016 16 21/04/2016		Chicken Parma wallaby	Gallus gallus domesticus Macropus parma	GD001 MP0122	M	NR 5v	NR 2.8	NR NR	NR NR	Body covered in lice "Ceres"; symptoms encephalitis, treated with	No PM report Very thin, teeth OK, watery green GIT contetns, brain	Open	Open	NA Extensive - no evidence of cause of clinical signs, no	NA NA	RB IZVG
			***************************************				,	2.0	NIX.	NA.	engemycin, extravite and dexamethasone, kept in vet room. AG submission notes; seizures, unstable, falling to left side, possible stroke or encephalitis. Problem started 14/04/16	l congested vessels, emaciated otherwise unremarkable.			ovidecne of toxoplasmosis nor encephalitis, nor stroke		
23/04/20	16 23/04/2016	Reptile tortoise	African spurred tortoise	Centrochelys sulcata	GS0001	М	16y	27	956000008251979	NR	"Sasha": Lethargic, not eating, eyes shut, getting worse last three months. Treated with enrofloxacin, dexadresson, emeraid, extravite	No PME performed	Open	Open	NA .	NA	RB / FR
	16 24/04/2016		lemur	Varecia varecia subcincta	VVS017		1y21d	3	956000001521212	NR	the pond next day.	Body completely soaking wet, fine white froth at the mouth and nose. No eigns of injuries or wounds, bloody watery fixid in sinuses. Thoracic cavity voluminous water logged lungs, pleural fluid accumulation, sub pleural haemorrhage. Water in stomach and intestines.		Conspecific injury	NA	NA	FRS
	16 26/04/2016		Black crowned night heron		NNX005	UNK		0.52	NR	NR	by RB	Amputated top half of beak, either caught or done by a macaw.		Conspecific injury	NA .	NA .	RB / FR
6/04/20	16 26/04/2016	Avian Sphenisciformes	Humboldt penguin	Spheniscus humboldti	NR	UNK	1 week	0.19		NR	Parental neglect, undeveloped, thin and smaller than others in the nest.	Bird very thin, no presence of food in GIT. Parental neglect and undeveloped in comparison to other chicks. No need for further investigation.	Open	Husbandry	NA	NA	FRS
26/04/20	26/04/2016	Avian anatidae	Magellanic steamer duck	Tachyeres pleneres	TPT001	F	NR	2.1	Red VA	NR	Stopped eating fish a few weeks ago, no signs of other illness. Was eating duck mix OK.	Cricks. No need to ruther investigation. IZVG PME: penetrating wire FB and non-penetrating FB with concurrent chronic-active coelomitis, air saccutifis and ventricutifis, granufomatious air saccutifis consistent with aspergitiosis, emaclated	GIT FB penetration and coelomitis and aspergitosi	Husbandry	NA	Aspergillosis fumigatus	IZVG
0/04/20	16 7	Mammal Primate	Ring tailed lemur	Lemur calla	NA	UNK	2wks	0.18	Dam LC0111 Marilene	NR	One of two twins, both excessive overgrooming from dam, eye infection, cranial wound. Died of excessive carrying and dragging from the mother, baby was wounded and scratched in several places.	2 (2) 1/2	Mismothering	Husbandry	NA	NA NA	FRS
9/04/20	7	Mammal Primate	Ring tailed lernur	Lemur catta	NA	UNK	3wks	0.192	Dam LC0111 Marilene		Two of two twins, both excessive overgrooming from dam, eye infection, cranial wound. Died a few days after with a wound on the skull with bone exposure, due to voer grooming which would grow bigger every		Mismothering	Husbandry	NA	NA .	FRS
2/05/20	6 02/05/2006	Avian other	Little egret	Egretta garzetta	EG0042	UNK	11m	0.42	Green J7	NR		Shock due to broken femur with open fracture, femur broken in two, exposed bone and tissue damage. JC note - image shows bijotarsus fracture	Fractured tiblotarsus	RTA / Trauma	NA NA	NA .	FRS
4/05/20	6 04/05/2016	Mammal Primate	Brown spider monkey	Ateles hybridus	AH0001	М	NR	4.6	NR		"Pablo" euthanssed due to gangrenous infection and loss of circutation in arm following severe bite wounds, treated week previously. Severe wounds to right arm and face - had surgery - stitches to face, arm and head. Had to reconstruct nose. After 4 days he had chewed on his arms, fighing the stitches and was unable to use arm. Euth. Meloxicam and alamyoin LA.	No PM report - images	Conspecific injuries - euthanased	Conspecific injury	NA .	NA .	RB / Fi
5/05/20	6 05/05/2016	Avian Psittacine	Orange winged	Amazona amazonica	AA0066	М	16y	NR	NR	NR	Unable to perform PM - body eaten	No PM report	Body eaten (JC - rodents?)	Open	NA	NA	RB
1/05/201	6 11/05/2016	Avian other	EA Grey crowned crane	Balearica regulorum gib	BRG003	F	16y	NR	Blue NP	NR	Left foot broken - trauma, euth. Euth by AG due to left foot fracture, will not be able to walk properly	No PM report - images	Euthanased - left foot fracture	RTA / Trauma	NA	NA	AG / FR

death 19/05/2016	Date of PM	Taxa	Species	Species	ID	Sex	Age	Welght (kg)	Microchip	Location	Нх	Gross findings	Diagnosis			Microbiology	Author
	19/05/2016		Humboldt penguin	Spheniscus humboldli	SH0030	UNK	1y	1.75	NR	NR	Loss weight, not eating, enrofloxacin and extravite	Poor BCS, left thoracic air sac was grey/black mass	Aspergillosis	Infectious	Necrogranulomatous pneumonia and airsacculities, A fumigatus.	NA	RB / IZVG
		Sphenisciformes									with supportive feeding. Nursed three days prior to death, spotted as lethargic and very thin. It would not eat voluntarily but would swallow fish when hand fed.	of fungal plaque with infiltration into enlarged thymic tissue in front of the heart. Aspergillosis - tissues to IZVG					
19/05/2016	19/05/2016	Avian other	Glossy ibis	Plegadis falcinellus	PF001	F	9y	0.418	D367	Aviary	Unable to perform PM - body eaten		Open	Open	NA	NA NA	RB RB
20/05/2016	20/05/2016	Mammal Other	Capybara	Hydrochaeris palagonum	NR	NR	20 days	2.1	Dam HH0032	NR	No toes - lost toes in front legs, euthanased, one of	No PM report	Dam(or congenital) loss of toes - euthanased	Conspecific injury	NA	NA .	DD.
20/05/2016	20/05/2016	Mammal Other	Capybara	Hydrochaeris patagonum	NR	NR	20 days	2.1	Dam HH0032	NR	No toes - lost toes in front legs, euthanased, two of	No PM report	Dam(or congenital) loss of toes - euthanased	Conspecific injury	NA	NA	KB
21/05/2016	21/05/2016	Avian Psittacine	Blue and yellow	Ara ararauna	AA0051	NR	NR	0.94	6039001	Tambopatha	"Oakley" Sudden death	IZVG gross PM splenomegaly and hepatomegaly	Salmonellosis?	Infectious	5200	Salmonellosis spp group D isoalted, res to clindamycin, multiple other sensitivities	AG / IZVG
22/05/2016	22/05/2016	Mammal Primate	macaw Common squirrel	Saimiri sciureus	SS0053	F	7m	0.21	Parents SS0024 /005	NR	No signs, sudden death	IZVG weight reported as 370g. Marked congestion of	Pasteurella multocida meningitis	Infectious		Pasteurella multocida resistant neomycin, multiple sensitivities	AG/IZVG
N. 1.000 - 2.000 - 2.000	23/05/2016	Mammal Hoofstock	monkey Giraffe	Giraffa camelopardalis	GC0027	м	1y2m	NR	NR	NR		meninges and mild enteropathy. APHA PME - normal gross anatomy with no	None / PAMS	Husbandry	NA	NA .	APHA
25/05/2010	25/05/2010	manimar ricolstock	Cualic	Cirana cameroparduna	GOODE		1,72	1	""			morphological diagnosis (JC gross sounds like PAMS)					
25/05/2016	25/05/2016	Mammal marsupial	Red kangaroo	Macropus rufus	MR0088	F	>3y	NR	276098104673070	NR	"Abby"	Severe head trauma, fractured maxila and brain	Head trauma	RTA / Trauma	NA	NA	RB
25/05/2016	25/05/2016	Mammal Hoofstock	Babirusa	Babyrousa babyrussa	BB0001	F	16v	INR	Kota	NR	Arthritis, loss of appetite, wasting, meloxicam and	Gross PME did not reveal any significant	Death due to aging and arthritic progression	Anatomical	NA .	NA	RB
											prednisolone, went off her legs and died. Hx spinal arthritis	abnormalities in her organs					lon.
30/05/2016		Mammal Primate	Ring tailed lemur	Lemur catta	LC0179	М	Зу	2.9	NR	NR	Run over by road train	No PM report IZVG PME: Chronic proliferative and ulcerative	Run over by road train Peracute bacterial sepsis - likely keel dermatitis	RTA / Trauma Infectious	NA Bacterial embolisation multiple tissues,	NA NA	IZVG
01/06/2016	01/06/2016	Avian other	King vulture	Sacoramphus papa	SP0006	M	24y	3.8	NK	NK	Weak, not eating, kept inside, found dead the next day, submitted to IZVG	dermatitis, fungal colonisation of proventivent	l ciacoto succina sepois anel, nest anni		fibronecrotising nephritis, myocardial fibrosis		
02/06/2016	-	Avian anatidae	Ringed teal	Callonella leucophrys	CL0012	М	7y	NR	NR	NR	Unable to perform PM - body eaten	junction. No PM report	Scavenged - body ealen	Open	NA	NA NA	RB
07/06/2016		Avian anatidae	Fulvous whistling duck	Dendrocygna bicolor		UNK	NR	0.515	Blue SF	NR	Unable to perform PM - body eaten	No PM report	Scavenged - body eaten	Open	NA .	NA .	20,4500
11/06/2016		Mammal Primate	Ring tailed lemur	Lemur catta	LC0217	F	2m	0.323	956000004848615	NR	Overgroomed by mother, leg injured and licked until	No PM report - images	Mismothering	Husbandry	NA	NA .	RB/FRS
15/06/2016	15/06/2016	Mammal Primate	Ring tailed lemur	Lemur calla	LC0220	F	1m20d	0.415	NR	NR	bone exposure - parent behaviour Two puncture wounds on neck, found dead overnight	No PM report	Conspecific trauma	Conspecific injury	NA .	NA	RB/FRS
27/06/2016		Avian anatidae	North American wood	Air snonsa	AS0018	F	NR	0.8	NR	NR	Unable to perform PM - decomposed	No PM report	Open	Open	NA	NA	RB/FRS
			duck		100000000000000000000000000000000000000	-	ND	0.000	ND.	MD	3 CONTROL OF THE STATE OF THE S	No PM report	Open	Open	NA	NA	RB/FRS
03/07/2016		Avian anatidae	Patagonian crested duck	Lophonella specularioldes	ASS003	F	NR	0.892	NR	NK .	Unable to perform PM - body eaten		-	Open	NA .	NA	RB/FRS
03/07/2016		Avian other Avian other	Western cattle egret Western cattle egret	Bulbulcus ibis ibis Bulbulcus ibis ibis	BI0011 BI0002	F UNK	NR NR	NR 0.24	Yellow NR	NR NR	Unable to perform PM - body eaten Euthanased, broken top beak	No PM report Piece of top beak broken, either caught or done by	Open Fractured maxilla	Conspecific injury	NA	NA	RB/FRS
			- Same egict	1900 TO TO THE STATE OF THE STA		5000000	10000			1000		another animal. (JC - fractured maxilla, approx 1/3 length from rostral point, no obvious injures to mandible)					
04/07/2016		Avian other	Sacred ibis	Threskomis aethiopicus	TA0033	UNK	NR	1.58	Blue AW	African field	Found dead in African field, broken beak	Beak broken in several places, either caught or done	Fractured maxilla and mandible	Conspecific injury	NA .	NA	RB/FRS
									,			by another animal, no other signs of injury or PM findings. (JC: mandible fractured left just rostral to eye, right 1/3 from rostral end fracture but genu			v v		
												intact, possible fracture of maxilla where attaches to skull as angle looks odd).					-
12/07/2016		Mammal marsupial	Parma wallaby	Macropus parma	MP0132	М	1y10m	2.4	NR	NR		Mesenteric abscess, right lung dark patches, good BCS, green liquid in stomach.	Pancreatic necrosis and mesenteric abscessation	Infectious	Severe acute pancreatic necrosis, bronchointerstitial pneumonia, occasional granuloma in lung (parasitic)	NA	
												Blood coming out of the vulva, PME performed	Septicaemia or septic shock due to foetus death and	Infectious	NA .	NA	RB /FRS
17/07/2016	18/07/2016	Mammal Primate	Common squirrel monkey	Saimiri sciureus	SS0040	E	3y9m	0.905	NR	NR	Bleeding from vulva, blood clot in uterus - miscarriage. (JC - no actual Hx)	mainly on reproductive system. Undeveloped foetus was found, uterine infection, blood clot and	infection				
20/07/2016	20/07/2016	Mammal marsupial	Western grey	Macropus fuliginosus	MF0061	F	10y5m	30 (est)	NR	NR	"Georgia" quiet three days before death.	miscarriage. Molar infection left, osteomyelitis jaw	Osteomyelitis jaw	Infectious	NA	NA	RB/FRS
			kangaroo						ND	ND	"Linford" weight loss, drooling, was on treatment for a		Dental disease, old age (JC - necrobacillosis)	Infectious	NA .	NA	RB / FRS
	21/07/2016	Mammal marsupial	Western grey kangaroo	Macropus fuliginosus	MF0086	m	9y1m	50 (est)	NK.	NK	long time (see ZIMS), laurabolin, extra feed	performed	Open	Open	NA .	Candida sp	RB / FRS
22/07/2016	22/07/2016	Avian Psittacine	Southern mealy amazon	Amazona farinosa	AF0026	M	10y	0.58	NR	NR	"Floyd": left eye pecked, wings down, only hours before dead, Given fluids. "Maria" infected toe, swollen, alamycin LA 2 days	No PME findings, faecal sample sent to the lab. Good BCS, no signs of injury or disease and had	Pyothorax and acute pneumonia	Infectious	NA.	NA.	RB/FRS
												death. There were some areas of economoto haemormape in her abdomen, and about 100ml of red/purple fl.id. The intestinal tract was normal in appearance with normal food volume. Kidneys and spleen were normal. Liver sightly enlarged and mottled in appearance. Dramatio pathology was present in the chest, tool fred flid in the thorax and pericardium, florin lags present, congested lungs. Acute pneumonia pathology in the lungs. Died from acute bacterial septicaemia, most likely Pasteurella infection as same as found in sheep, maybe able to use heptavac to protect them.					
					1 1								l .				
0710710040		A.i	0	The decide with the	TA0040		17	ND	MO	NO	Hashle to perform DM remains only	Lingble to perform PM - remains only	Open	Open	NA .	NA .	RB / FRS
27/07/2016 27/07/2016	27/0716	Avian other Avian Psittacine	Red and green	Threskomis aethiopicus Ara chloroptera	TA0019 AC0043	M 1	17y 17y	NR 1.5	NR NR	NR NR	Unable to perform PM - remains only Charlie': sent to IZVG. Watery blood coming out of		Open Egg coelomitis	Open Anatomical	NA NA	NA Oviduct sent for microbiology - awaiting results	RB/FRS RB/FRS
27/07/2016	27/0716	Avian Psittacine		Ara chioroptera		M F	17y 17y 8y	NR 1.5 800 (est)	NR NR	NR NR NR	Charlie': sent to IZVG. Watery blood coming out of beak. Collasped indoors and could not get up - JC -	IZVG acute coelomitis, egg retention / dystocia Euthanased - shot gun. Samples submitted to IZVG,	Egg coelomitis Euthanased - downer bull, (JC note; PM images		NA NA Awaiting histology	NA Oviduct sent for microbiology - awaiting results NA	RB/FRS RB/FRS RB/FRS
27/07/2016	27/0716	Avian Psittacine	Red and green macaw	Ara chloroptera	AC0043	M 1	17y 17y 8y	1.5	NR NR	NR NR NR	Charlet's ent to IZVG. Watery blood coming out of beak. Collasped indoors and could not get up - JC - spalyed legged and dog sting, muttiple attemtps to support but left overnight to attempt to stand. Attempts made to support to get up overnight,	IZVG acute coelomitis, egg retention / dystocia Euthanased - shot gun. Samples submitted to IZVG, haemorrghic lungs, 2 litres water in pericardium, foam in trachea and bronchi, liver, heart, lungs, granulomas around stomach and liver, faecal	Egg coelomitis Euthanased - downer bull, (JC note: PM images show serous fat atrophy, whist not cause of death similar to previous graftes and rasies concerns re notrition; also noted trichuris not uncommon in both	Anatomical	NA	NA Oviduct sent for microbiology - awaiting results NA	RB/FRS
27/07/2016	27/0716	Avian Psittacine	Red and green macaw	Ara chloroptera	AC0043	M 1	17y 17y 8y	1.5	NR NR NR	NR NR NR	Charfe: sent to IZVG. Watery blood coming out of beak. Collasped indoors and could not get up - JC - spalyed legged and dog siting, multiple attempts to support but left overnight to attempt to stand. Attempts made to support to get up overnight.	IZVG acute coelomitis, egg retention / dystocia Euthanased - shot gun. Samples submitted to IZVG, haemorrghic lungs, 2 fitres water in pericardium, foam in trachea and bronchi, fiver, heart, lungs,	Egg coelomitis Euthanased - downer bull, (JC note: PM images show serous fat atrophy, whist not cause of death similar to previous graftes and rasies concerns re notrition; also noted trichuris not uncommon in both	Anatomical Husbandry	NA Awaiting histology	NA Oviduct sent for microbiology - awaiting results NA	RB/FRS
27/07/2016 30/07/2016	27/0716	Avian Psittacine Mammal Hoofstock Avian	Red and green macaw	Ara chloroplera Giraffa camelopardelis	AC0043	M 1	17y 17y By	1.5	NR NR NR NR	NR NR NR NR	Charle's sent to IZVG. Watery blood coming out of beak. Collasped indoors and could not get up - JG-spaked legged and dog sideg, multiple attempts to support but life overright to attempt to stand. Attempts made to support to get up overright, euthanased the following morning. Shot gun to the	IZVG acute coelonitis, egg retention / dystocia Euthanased - shot gun. Samples submitted to IZVG, haemorghic lungs, 2 litres water in pericardium, foam in trachea and bronchis, liver, heart, lungs, grandomas around stomach and fiver, faccal samples to IZVG. Svabs of lungs and formay tracheal material. Note pictures available. No abnormatities visible on gross PM, all organs	Egg coelomitis Euthanased - downer bull, (JC note: PM images show serous fat atrophy, whist not cause of death similar to previous graftes and rasies concerns re notrition; also noted trichuris not uncommon in both	Anatomical	NA	NA Oviduct sent for microbiology - awaiting results NA	RB / FRS
27/07/2016 30/07/2016 31/07/2016	27/0716 31/07/2016	Avian Psittacine Mammal Hoofstock	Red and green macaw West African giraffo Humboldt penguin	Ara chloroplera Giraffa camelopardelis	AC0043 GC0015 SH0021	M 1 F 1 M 8	17y 8y 7y	1.5 800 (est)	NR NR NR NR Josie's (JC assumed	NR NR NR NR NR	Charle's eart to IZVG. Watery blood coming out of beak. CoBayesi indoors and could not get up - JC-spalyed legged and dog siting, mutiple altermips to support but left overnight to altempt to stand. Attempts made to support to get up overnight, euclanased the following morning. Shot gun to the head. Severe bite injury to right elabow, forearm degloved,	IZVG acute coelomitis, egg retention / dystocial Euthanased - shot gun. Samples submitted to IZVG, haemorghic lungs, 2 litres water in pericardium, forem in traches and bronchi, fiver, heart, lungs, granuformas around stomach and liver, faecal smaples to IZVG. Svabs of fungs and formay tracheal material. Note pictures avarlable. No abnormatities visible on gross PM, all organs speer normal, plenity of food in alimentary tract	Egg coelomitis Euthanased - downer bull, (JC note: PM images show serous fat alrophy, whist not cause of death similar to previous graffes and rasies concerns renutrison: also noted trichuris not uncommon in both groups - risk long term).	Anatomical Husbandry	NA Awaiting histology	NA Oviduct sent for microbiology - awaiting results NA NA	RB/FRS
27/07/2016 30/07/2016 31/07/2016 02/08/2016	27/0716 31/07/2016 01/08/2016 02/08/2016	Avian Psittacine Mammal Hoofstock Avian Sphenisciformes	Red and green macaw West African giraffo Humboldt penguin	Ara chloroptera Giraffa camelopardalis Spheniscus humboldti	AC0043 GC0015 SH0021	F 1	17y 8y 7y	1.5 800 (est) NR	NR NR NR	NR NR NR NR NR	Charle's eart to IZVG. Watery blood coming out of beak. Collayed indoors and could not get up - JC-spaked legged and dog siting, mutiple attemtps to support but left overright to attempt to stand. Attempts made to support to get up overright, euthanased the following morning. Shot gun to the head. Severe bite injury to right elabow, forearm degloved, euthanased by AG. Foot caught in door in aviary, bones exposed in	IZVG acute coelomitis, egg retention / dystocial Euthanased - shot gun. Samples submitted to IZVG, haemorghic lungs, 2 litres water in pericardium, forem in traches and bronchi, fiver, heart, lungs, granuformas around stomach and liver, faecal smaples to IZVG. Svabs of fungs and formay tracheal material. Note pictures avarlable. No abnormatities visible on gross PM, all organs speer normal, plenity of food in alimentary tract	Egg coelomitis Euthanased - downer bull, (JC note; PM images show serous fat alrophy, whist not cause of death similar to previous graffes and rasies concerns re nutrition: also noted trichuris not uncommon in both groups - risk long term). Open	Anatomical Husbandry Open	NA Awaiting histology	NA Oviduct sent for microbiology - awaiting results NA NA NA NA	RB / FRS
27/07/2016 30/07/2016 31/07/2016 02/08/2016	27/0716 31/07/2016 01/08/2016 02/08/2016	Avian Psittacine Mammal Hoofstock Avian Sphenisciformes Mammal Primate	Red and green macaw West African giraffe Humboldt penguin Ring tailed lemur	Ara chloroptera Giraffa camelopardalis Spheniscus humboldti Lemur calta	AC0043 GC0015 SH0021	F 1	17y 8y 7y	1.5 800 (est) NR	NR NR NR Josie's (JC assumed infant)	NR NR NR NR NR	Charle's sent to IZVG. Watery blood coming out of beak. Collasped indoors and could not get up - JG-spalyed legged and dog sing, multiple attempts to support but left overright to attempt to stand. Attempts made to support to get up overright, euthanased the following morning. Shot gun to the head. Severe bite injury to right elabow, forearm degloved, euthanased by AG	IZVG acute coelomitis, egg retention / dystocia Euthanased - shot gun. Samples submitted to IZVG, haemorghic lungs, 2 tites water in pericardium, forem in traches and bronch, liver, heart, lungs, granuformas around stomach and lever, faceal samples to IZVG. Svaba of lungs and formay tracheal material. Note pictures available. No abnormatites visible on gross PM, all organs spear normal, plenty of food in alimentary tract. No PM report	Egg coelomitis Euthanased - downer bull, (JC note, PM images show serous fail atopy, whits not cause of death similar to previous giraffes and rasiles concerns re nutrition: also noted trichuris not uncommon in both groups - risk long term). Open Conspecific injury	Anatomical Husbandry Open Conspecific injury	NA Awaiting histology	NA Oviduct sent for microbiology - awaiting results NA NA NA NA	RB / FRS RB / FRS RB / FRS
27/07/2016 30/07/2016 31/07/2016 02/08/2016	27/0716 31/07/2016 01/08/2016 02/08/2016	Avian Psittacine Mammal Hoofstock Avian Sphenisciformes Mammal Primate	Red and green macaw West African giraffe Humboldt penguin Ring talled lemur European eider Common squirrel	Ara chloroptera Giraffa camelopardalis Spheniscus humboldti Lemur calta Somaleria mollissima	AC0043 GC0015 SH0021 NA SMM004	F 1	7y NR 3y	1.5 800 (est) NR NR	NR NR NR Josie's (JC assumed infant)	NR NR NR NR NR NR NR	Charle's eart to IZVG. Watery blood coming out of beak. CoBasped indoors and could not get up - JC - spalyed legged and dog sting, motiple attempts to support but left overnight to attempt to stand. Attempts made to support to get up overright, euthanased the following morning. Shot gun to the head. Severe bite injury to right elabow, forearm degloved, euthanased by AG. Foot caught in door in aviary, bones exposed in trastruct/CI). Keyt hisdle for few days with bandage, euthanased by AG. Found behind radiator, unable to perform PME as	IZVG acute coelomitis, egg retention / dystocia Edhanased - shot gun. Samples submitted to IZVG, haemorghic lungs, 2 litres water in pericardism, foam in trachea and bronchi, fiver, heart, lungs, grandomas recond stomach and fiver, faccal smaples to IZVG. Swebs of lungs and formay tracheal material. Note pictures available. No abnormalities visible on gross PM, at organs appear normal, plenty of food in alimentary tract No PM report No PM report	Egg coelomitis Euthanased - downer bull, (JC note, PM images show serous fail atopy, whits not cause of death similar to previous giraffes and rasiles concerns re nutrition: also noted trichuris not uncommon in both groups - risk long term). Open Conspecific injury	Anatomical Husbandry Open Conspecific injury	NA Awaiting histology	NA Oviduct sent for microbiology - awaiting results NA NA NA NA NA	RB / FRS
27/07/2016 30/07/2016 31/07/2016 02/08/2016 02/08/2016	27/0716 31/07/2016 01/08/2016 02/08/2016	Avian Psittacine Mammal Hoofstock Avian Sphenisciformes Mammal Primate Avian anatidae	Red and green macaw West African giraffe Humboldt penguin Ring talled lemur European elder	Ara chloroptera Giraffa camelopardalis Spheniscus humboldti Lemur catta Somateria mollissima mollissima Salmiri sciureus	AC0043 GC0015 SH0021 NA SMM004	M 8	7y NR 3y	1.5 800 (est) NR NR NR	NR NR NR Josie's (JC assumed infant) Nlue BX	NR NR NR NR NR NR NR NR	Charle's eart to IZVG. Watery blood coming out of beak. CoBasped indoors and could not get up - JC - spalyad legged and dog siting, motifyle attempts to support but left overnight to attempt to stand. Attempts made to support to get up overnight, euthanased the following morning. Shot gun to the head. Severe bite injury to right elabow, forearm degloved, euthanased by AG Foot caught in door in aviary, bones exposed in tarsus(JCI). Kept haide for few days with bandage, euthanased by AG. Found behind radiator, unable to perform PME as body decomposed.	IZVG acute coelomitis, egg retention / dystocia Edhanased - shot gun. Samples submitted to IZVG, haemorghic lungs, 2 litres water in pericardism, foam in trachea and bronchi, fiver, heart, lungs, grandomas recond stomach and fiver, faccal smaples to IZVG. Swebs of lungs and formay tracheal material. Note pictures available. No abnormalities visible on gross PM, at organs appear normal, plenty of food in alimentary tract No PM report No PM report	Egg coelomitis Euthanased - downer bull, (JC note; PM images show serous fat atrophy, whist not cause of death similar to previous graffes and rates concerns re nutrition; also noted trichuris not uncommon in both groups - risk long term). Open Conspecific injury	Anatomical Husbandry Open Conspecific injury RTA / Trauma	NA Awaiting histology	NA Oviduct sent for microbiology - awaiting results NA NA NA NA NA NA	RB / FRS RB / FRS RB / FRS
27/07/2016 30/07/2016 31/07/2016 02/08/2016 02/08/2016 02/08/2016 03/08/2016	27/0716 31/07/2016 01/08/2016 02/08/2016 02/08/2016	Avian Psittacine Mammal Hoofstock Avian Sphenisciformes Mammal Primate Avian anatidae Mammal Primate Mammal Other	Red and green macaw West African giraffo Humboldt penguin Ring tailed lemur European eider Common squirrel monkey Capybara	Ara chloroptera Giraffa camelopardalis Spheniscus humboldti Lemur catta Somaleria mollissima mollissima Salimiri sciureus Hydrochaeris palagonum	GC0015 SH0021 NA SMM004 SS0047 HH0018	M 8	7y NR 3y	NR NR NR NR NR	NR NR Josie's (JC assumed infant) Nlue BX 956000003036537 NR	NR NR NR NR NR NR NR NR NR	Charle's sent to IZVG. Watery blood coming out of beak. Collasped indoors and could not get up – JC-spalyed legged and dog siting, mutiple attempts to support but left overright to attempt to stand. Attempts made to support to get up overright, euthanased the following morning. Shot gun to the head. Severe bite injury to right elabow, forearm degloved, euthanased by AG Foot caught in door in aviary, bones exposed in tursus (JCI). Kept inside for few days with bandage, euthanased by AG. Found behind radiator, unable to perform PME as body decomposed.	IZVG acute coelomitis, egg retention / dystocia Edhanased - shot gun. Samples submitted to IZVG, haemorghic lungs, 2 litres water in pericardism, feam in trachea and bronchi, fiver, heart, lungs, grandomas recond stomach and few, faccal snaples to IZVG. Swabs of lungs and formay tracheal material. Note pictures available. No abnormalities visible on gross PM, all organs appear normal, plenty of food in alimentary tract. No PM report No PM report Septicaemia from abscess and toe wound	Egg coelomitis Euthanased - downer bull, (JC note; PM images show serous fail atopy, whits not cause of death similar to previous graftes and rasiles concerns re nutrition; also noted trichuris not uncommon in both groups - risk long term). Open Conspecific injury Tr injury Open Conspecific injury	Anatomical Husbandry Open Conspecific injury RTA/ Trauma Open	NA Awaiting histology	NA Oviduct sent for microbiology - awaiting results NA NA NA NA NA NA NA NA	RB/FRS RB /FRS RB /FRS RB /FRS RB /FRS
27/07/2016 30/07/2016 31/07/2016 02/08/2016 02/08/2016 02/08/2016 03/08/2016	27/0716 31/07/2016 01/08/2016 02/08/2016 02/08/2016 03/08/2016	Avian Psittacine Mammal Hoofstock Avian Sphenisciformes Mammal Primate Avian anatidae Mammal Other Avian anatidae	Red and green macaw West African giraffe Humboldt penguin Ring tailed lemur European eider Common squirrel monkey Capybora Fulvous whistling duck	Ara chloroptera Giraffa camelopardalis Spheniscus humboldti Lemur catta Somaleria mollissima mollissima Saliniri sciureus Hydrochaeris palagonum Dendrocygna bicolor	AC0043 GC0015 SH0021 NA SMM004 SS0047 HH0018 DCB004	F 7 UNK P UNK 1 F 8	7y NR 3y	1.5 800 (est) NR NR NR NR	NR NR NR Josie's (JC assumed infant) Nlue BX 956000003036537 NR Red DI	NR NR NR NR NR NR NR NR NR	Charle's eart to IZVG. Watery blood coming out of beak. CoBasped indoors and could not get up - JC - spalyad legged and dog siting, motifyle attempts to support but left overnight to attempt to stand. Attempts made to support to get up overnight, euthanased the following morning. Shot gun to the head. Severe bite injury to right elabow, forearm degloved, euthanased by AG Foot caught in door in aviary, bones exposed in tarsus(JCI). Kept haide for few days with bandage, euthanased by AG. Found behind radiator, unable to perform PME as body decomposed.	IZVG acute coelomitis, egg retention / dystocia Edhanased - shot gun. Samples submitted to IZVG, haemorghic lungs, 2 litres water in pericardism, feam in trachea and bronchi, fiver, heart, lungs, grandomas round stomach and fiver, faccal smaples to IZVG. Swebs of lungs and formay tracheal material. Not pictures available. No abnormalities visible on gross PM, all organs appear normal, plenty of food in alimentary tract. No PM report No PM report Septicaemia from abscess and toe wound Right kidney black and green in colour, kidney failure	Egg coelomitis Euthanased - downer bull, (JC note, PM images show servous flat aboyen, whist not cause of death similar to previous giraffes and rasles concerns re nutrition, also noted trichuris not uncommon in both groups - risk long term). Open Conspecific injury TIT injury Open Conspecific injury Kidney failure	Anatomical Husbandry Open Conspecific injury RTA / Trauma Open Conspecific injury Anatomical	NA Awaiting histology	NA Oviduct sent for microbiology - awaiting results NA	RB / FRS
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27/07/2016 30/07/2016 31/07/2016 02/08/2016 02/08/2016 02/08/2016 03/08/2016	27/0716 31/07/2016 01/08/2016 02/08/2016 02/08/2016 03/08/2016 03/08/2016 05/08/2016	Avian Psittacine Mammal Hoofstock Avian Sphenisciformes Mammal Primate Avian anatidae Mammal Other Avian anatidae	Red and green macaw West African giraffe Humboldt penguin Ring tailed lemur European eider Common squirrel monkey Capybora Fulvous whistling duck	Ara chloroptera Giraffa camelopardalis Spheniscus humboldti Lemur catta Somateria mollissima mollissima Salmini sciureus Hydrochaeris palagonum Dendrocygna bicolor Bulbulcus ibis ibis	AC0043 GC0015 SH0021 NA SMM004 SS0047 HH0018 DCB004	F 7 UNK P UNK 1 F 8	7y NR 3y	1.5 800 (est) NR NR NR NR NR	NR NR NR Josie's (JC assumed infant) Nlue BX 956000003036537 NR Red DI	NR	Charle's sent to IZVG. Watery blood coming out of beak. CoBasped indoors and could not get up – JC - spalyad legged and dog siting, motipe attempts to support but left overnight to attempt to stand. Attempts made to support to get up overnight, euthanased the following morning. Shot gun to the head. Severe bite injury to right elabow, forearm degloved, euthanased by AG Foot caught in door in aviary, bones exposed in tarasus/CI). Kept halde for ew days with bandage, euthanased by AG. Found behind radiator, unable to perform PME as body decomposed. Attacked by other capybaras - kicked out of group. Clean and flush wounds - triblissen dart. 09/08/16 found in aviary and taken to the vet room where assessed by FRS and identified broken wing, RB coming in following day. FRS later that day provided analgesia (metocalm ozal – 270mg/ml) and left in cage over right. Found dead the next	IZVG acute coelomitis, egg retention / dystocia Euthanased – shot gun. Samples submitted to IZVG, haemorphic lumps, 2 litres water in pericardium, feam in trachea and bronchi, fiver, heart, lungs, grautomas around stomach and fiver, faecal smaples to IZVG. Swabs of lungs and formay tracheal material. Note pictures available. No abnormatities visible on gross PM, all organs appear normal, plenty of food in alimentary tract. No PM report No PM report No PM report Septicaemia from abscess and toe wound Right kidney black and green in colour, kidney failure Multifocal internal bleeding, airsacs, lungs bruised in back and legs, head, neck. FRS: Died of shock – result of traumatic injury to left wing. JC: 1. Compound fractured left radius and una close to the carpus 2. Considerable haemornhage from the fracture site – covering the body and wing 2, sos of primaries and secondarise close to the right cappus 4. Right hind multiple bite wounds and trauma to all digits 5. Autohysed	Egg coelomitis Euthansed - downer bull, (JC note; PM images show serous fat altrophy, whist not cause of death similar to previous graffles and resies concerns renutrition, also noted trichuris not uncommon in both groups - risk long term). Open Conspecific injury TT isjury Open Conspecific injury Kidney failure No diagnosis (JC presume crashed) Compund fracture of left radius and u/na	Anatomical Husbandry Open Conspecific injury RTA / Trauma Open Conspecific injury Anatomical	NA Awaiting histology	NA Oxiduct sent for microbiology - awaiting results NA	RB / FRS
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Date of death	Date of PM	Taxa	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
	23/08/2016	Mammal marsupial	Red kangaroo	Macropus rufus	MR0089	NR	NR	NR	Els	NR	Euthanased by RB, infected eye, bad condition, lethargic, no appetite	No PM report	Infected eye	Infectious			A STATE OF
17/08/2016	5 18/08/2016	Mammal Primate	Common squirrel monkey	Saimiri sciureus	SS0051	F	NR	NR	95600003039887	NR	Found dead on the evening of 17/08/16	Good BCS, no signs of Injury nor trauma, Liver was enlarged and motified, other abdominal organs normal. There was a small amount of food in the stomach and normal facecs in teh rectum. The thorax was fail of fluid which was slightly red in clour and did not contain pus or floris. Lungs were slightly motified in appearance but no areas of consolidation present. The heart and pericardium were grossly normal. Thought to be infectious.	x	Infectious	CTDS	CTDS	RB
20/08/2016	22/08/2016	Mammal Primate	Ring tailed lemur	Lemur catta	LC0211	М	4m	535	None found	NR	Sneezing, coughing and retching, does have a woun on inside of right leg. Found dead. Multiple other lemurs similar clinical sions.	d Penetrating bite wound to the left thorax with pneumothorax and haemothroax, severe pneumonia, especially the right with pleurisy	Bite wound to chest with concnurrent terminal pneumonia	Conspecific injury	Tissues sent to IZVG	Lung swab / tissue sent for culture	JC / IZV
	22/08/2016		Red ruffed lemur	Varecia rubra	VVR039	М	13y	NR	None found	Tayra enclosure	Found partially eaten in the Tayra enclosure	Covered in mud, severe damage to ventral cervical musculature and trachea, right scapula fracture, lungs and heart eaten, perinuern and hindlimb muscles eaten, NAD	Predated	Conspecific injury	NA - store	NA.	JC
	24/08/2016		Chilean flamingo	Phoenicopterus chilensis	PC0016	F	NR	2.19	Red PCN	Flamingo	Quiet last night and away from the group, checked first thing this morning and found dead. Presented and underwent PME immediately. No microchip and left dan/ic Red PCN.		Trauma and subsequent ischaemia of the right pectoral	RTA / Trauma	Sent to IZVG	NA	JC / IZVO
	24/08/2016		Black-crowned night heron	Nycticorex nycticorex	NNX001	F	5y	0.437	6/NO/B2/7ZHU	Tambopatha	Fractured right hind approx 6 months previously, unable to catch during that time. Went into house lar right and caught up for assessment. Eating well. Matunion of the right femur with lateral deviation of limb but functional, unfortunately the left distal fimb had severe bumblefoot and euthanased. IV pentibarbitone.	Dislocated right stifle with relatively form its pseudoarthrosis of TT with mid bird distal femur laterally, very tittle movement. Left hind lateral digit (IV) large swoten bumbleffot lesion, lesser so digit III and II.	Euthanased for bumblefoot as a result of malunion right stiffe - likely traumatic	RTA / Trauma	NA .	NA	JC
		Avian anatidae	duck	Dendrocygna viduata	NA	М	DIS	Not weighed	Egg labelled 29/07/16	NR	Found DIS soon after hatching, membranes dried and bill stuck on edge of shell.	Started to pip but bill stuck and hooked on shell, membranes had dried and sealed the bird in the egg overnight, on openign NAD, healthy yolk sac and no evidence of other pathology.	Failure to pip DIS	Still born / DIS	NA .	NA	JC
	31/08/2016	Mammal Primate		Varecia varecia	VVV079	М	3m	0.95	Mahiri	Top house	Died following period of diarrhoea, clear watery diarrhoea with undigested food, dull and listless, responded well to conservative treatment, little quiet yesterday and found dead this arn.	IZVG: Enterocolitiswith diarrhoea and flagellate overgrowth, mild multifocal gastric ulceration. Otherwise NAD.	Trichomoniasis enterocolitis and E.coli septicaemia	Infectious	Acute neutrophilic enteritis (SI), acute fibrinous splenitis, acute interstitial pneumonia.	Non-haern E.coli (heavy), alpha haem streptococcus (moderate).	IZVG
29/08/2016		Mammal Primate	Ring tailed lemur	Lemur cella	LC0182	F	NR	0.7	No microchip	NR	Bite wounds euthanased - large wound top inner left thigh, no use of leg. Euthanased by vet.	No PM report	Massive trauma from bites	Conspecific Injury	NA NA	NA	No vet
	01/09/2016	Mammal Primate	Ring tailed lemur	Lemur catta	LC0183	М	Зу .	2.5			Quiet, lethargic and distant from group, not eating much, found dead in am.	IZVG: icterus (whole body), acute multifocal ecchymotic haemorrhages lungs, acute multifocal petechial to ecchymotic haemorrhages heart.	?Babesiosis, cu/Zn toxicity, other	Open	acute multifocal haemorrhage with fibrinous interstitia pneumoria, minimal hepatitis, nephritis, mild haemosiderosis, lymphoid depletion. Cause of jaundice enigmatic.	NPV	IZVG
	06/09/2016	Mammal Primate	Ring tailed lemur	Lemur calla		M	1y	1.6	956000001538637	NR	Curled up on floor, disorientated, eyes glazed over. Found dead. Given fluids	IZVG: icterus (whole body), acute multifocal ecchymotic haemorrhages lungs, acute multifocal petechial to ecchymotic haemorrhages heart, mild SC oedema thorax.	?Babesiosis, cu/Zn toxicity, other	Open	acute multifocal haemorrhage with fibrinous intersitia pneumoria, minimal hepatitis, nephritis, mild haemosiderosis, lymphold depletion. Cause of faundice enigmatic.	NPV	IZVG
		200 20 20 20 20	Fulvous whistling duck		DB0003	UNK					Unable to perform PM - body eaten	No PM report	Body eaten	Open	NA	NA	FRS
	04/09/2016	Avian Galliformes	Domestic turkey		MG0001						Body found between bushes, decomposed and eater by maggots.	No PM report	Open	Open	NA	NA	FRS
08/09/2016		Mammal marsupial	Brush tailed rat kangaroo	Bettongia pencillata	MR0083	F	By6m	0.95				Right eye pthiscle, abscess on mandble and maxilla left, pregnant joey found at PME	Necrobacilosis, pregnant	Infectious	NA	NA	RB
	10/09/2016	And the state of t	Scarlet ibis		ER0004	M s	Эу	0.9	250229600048322	Tropical house		Body and feathers totally wel, face, brain and neck muscles, lung and heart eaten (appears rats - JC), viscera remaining normal, no food in ventrolutus, no diagnosis can be made on these PM findings due to lack of organs	Open (exposure? PM scavenging)	Open	NA	NA	FRS
			Red ruffed lemur	Varecia rubra	VVR005	M 1	13y	NA		Tiger enclosure	No PM done - found remains in tiger enclosure (pelt in faeces)	No PM report - image of fur in faeces	Eaten by tiger	Conspecific injury	NA	NA	FRS
19/09/2016	19/09/2016	Avian Galliformes	Domestic chicken	Gallus gallus	GD001	M A	Adult	4.3	Green WU	Play area	Found dead under tree	Urate tophi throughout coelom, especially pericardium, bilateral renomegaly.	Visceral gout	Anatomical	NA NA	NA .	JC

Date of death	Date of PM	Taxa	Species	Species	ID	Sex	Age	Welght (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
	04/01/2015	Avian Galliformes	Brown eared pheasant	Crossoptilan mantchuricum	CM0002	UNK	NR	1.89	Green ZZ (left)	NR	Has been attacked by the other birds, hasn't been eating since the attack. Given meloxicam 0.2ml (?mg/ml) and enrofloxacin 0.8ml (presume 25mg/ml)	mucous inside beak, Fracture could be telt by touching on the frontal bone, some food in GIT,	Cause of death due to injuries and bleeding on head caused by fighting with other birds, no need for further investigation.	Conspecific injury	NA	NA	FRS
												yellow Equid in crop and proventriculus, liver NAD, air sacs NAD, heart NAD.					FRS
05/01/2015	05/01/2015	Mammal Primate	Black and white ruffed lemu	Varecia variegala variegala	VVV077	F	8m	1.7	956000003197379	NR	Unsteady on feet, not moving around much, kept losing grip when attempting to climbifump, eyes unfocused, aggressive when approached, reluctant to eat or drink, shivering/shaking, sloppy muck around back end.	intestions bloods muscous content in stomach and	Acute enteritis and dehydration, possible due to bacteria, food poisoning or other poison	Infectious	NA	Microbiology - negative	rno
06/01/2015	06/01/2015	Mammal Primate	Black and gold howler monkey	Alouatta caraya	AC0047	м	10y	9.55	956000000009926	NR	"Marvin": lost weight rapidly, suddenly became very lethargic, very slow at moving and cautious. No new meds given, already on prednisolone 2 x5mg tablets	hepatitis consistent with Yersinia pseudotuberculosis,	Yerinlosis	Infectious	NA	Yersinia pseudotuberculosis and light growth of non- haemolytic E.coli	- IZVG
08/01/2015	09/01/2015	Mammal	Banded mongoose	Mungos mungo	NR	м	NR	1.55	968000002323546	NR	eod. Severe sarcoptic mange, ivermectin spot on 1 pipette		Stress caused by catching for treatment	Husbandry	NA	NA .	FRS
09/01/2014	09/01/2014	Carnivore Mammal Othe	r Capybara	Hydrochaeris hydrochaeris	HH0010	F	3	50 (est)	NR	NR	Found dead with no signs of illness	Externally NAD, on opening obvious large necrotic portion of bowel, volvulus of the illeum with ischaemia and one meter of necrotic small intestine. PM was only done to abdominal cavity due to obvious	Intestinal torsion	Anatomical	NA	NA	FRS
25/01/2015	25/01/2015	Avian other	Black-crowned night heron	Nycticorax nycticorax		UNK	NR	0.4	528210002871779	NR	Very thin, not moving much, spedning a lot of time on the ground with head tucked under, not flying, not eating or drinking much, feathers missing across wings and chest/kish scabbed. Given 0.2ml enrofloxacin (presume 25mg/ml) x5 days and critical care oral bid x1 0 days. Kept in indoor pen. (IC - not clear if died - it is a PM form but no details of death nor PM7)		Open	Open	NA	NA	No vet
28/01/2015	28/01/2015	Avian anatidae	Common pochard	Aytha ferina	AF0023	м	5y7m	0.23	Red CR	NR	No sign of illness before found, but when found had	No PM report	Open	Open	NA	NA	No vet
28/01/2015	28/01/2015	Avian other	King vulture	Sarcoramphus papa	SP0007	UNK	5у	3.55	977170000056902	NR	been eaten by rats so wasn't anythign to measure. Found in the aviary, not able to use its legs. Very shakey and slightly underweight, didn't look it, just couldn't move it slegs. Brought inside to gain heat but	No PM report	Open	Open	NA	NA	No vet
	29/01/2015 04/02/2015	Avian other Mammal		Cygnus atratus Ceratotherium simum simum	CA0007	F	19y		956000001225659	NR	died shortly after. Has swellings on the pads of her feet.	No PM report A gross PM on site found the chest cavity full of red	Bumblefoot Conspecific injury, haemothorax	Anatomical Conspecific injury	NA NA	NA NA	RB
04/02/2015	04/02/2015	Hoofstock	White rhino	Ceratomenum simum simum	CSSUIT		зу	1500 (est)	inolana	NR	Adult remaie rimor civinere o imi square su arie. Vere met three days became very quiet, vent of flood, standing hunched and slow, rehuctant to move. Surface wounds both shoulders. Given 1.5ml cortisone, monitored, died.	blood stained fluid. The abdomenal contents were all grossly normal and the GIT was fluid of normal fibrors ingesta. These findigns were consistent with the history of severe traumatic injury to the chest area with subsequent build up of blood and fluid around the langs and heart. This eventually became excessive enough to cause death by severe restriction of respiratory and cardiac function.	4				
13/02/2015	13/02/2015	Mammal Carnivore	Yellow mongoose	Cynictis penicllata	CP0030	F	NR	0.8	956000008229701	NR	Found dead in the enclosure with no previous signs of liness.	Nomria BCS, missing left hind leg from previous amputation. Abdominal cavity - some food in the GIT, pale fiver and enlarged kidneys, no relevant findings, thoracic cavity - heart normal, severe pleural effusion, evide	Pneumonia	Infectious	NA .	NA	FRS
1/02/2015	21/02/2015	Mammal Primate	Ring tailed lemur	Lemur catta	LC0057	M	9у	2.2	00-0667-02DC	NR	food. Fed CCF, enrofloxacin and pen/strep, 5 days ni	Very swollen face especially in the right mandible,	Cause of death septicaemia due to moatr infection and mandible necrosis in right side.	Infectious	NA.	NA	FRS
21/02/2015	21/02/2015	Avian other	Scarlet Ibis	Eudocimus ruber	ER0013	UNK I	NR	0.3	522D522D5280	NR	"THD0097 left leg"	inside GIT, fish inside ventriculus, congested muscle and tissue, enlarged liver, oedematous with fibrin	pressure between the heart and lungs (pulmonary hypertension) leading to right heart failure, increased blood pressure in the veins, and excessive build up of	Infectious	NA .	NA	FRS
26/02/2016	26/02/2016	Avian Galliformes	Lady Amerherst's pheasant	Chrysolophus amherstiae	CAM008	M 2	2y (0.7	Red BV	NR	the head and a swollen eye. At this time the pheasant looked damp and fuffed up. Keep inside and warmed	Very poor and thin condition with no muscle, injuries and wounds on head, neck and legs. Big puncture wound on neck with visible internal haematoma. Signs of internal bleeding on different parts of the body.	Cause of death due to severe injuries and bleeding caused by fighting with other birds, no need for further investigation.	Conspecific injury	NA	NA	FRS
27/02/2016	28/02/2016	Mammal Primate	Harnadryas baboon	Papio hamadryas	NA	M 2	2w (0.5	NA	NR	Found being carried by mum after death.	Animal was wet and very thin. No signs of wounds or injuries to body. Post mortem was done to thoracic carily for suspected pneumonia, due to severe weather conditions. Thoracic cavity - heart in normal cavity. Heart in normal cavity. Severe pleural effusion. There was evidecne in both lungs of a pneumonia with pursuent patches.	Pneumoria	infectious	NA	NA	FRS
28/02/2016	28/02/2016	Avian Galliformes	White eared pheasant	Crossoplilan crossoplilon	CCR003	М	NR 1	1.45	Blue DX	NR	other animals. Found drowned in stream.	Very thin and poor condition. Injuries and wounds to head, missing skin on skull with bone exposure. Signs of internal local cervical bleeding, voluminous water logged lungs and air sacs. Presence of water in stomach and intestines.	fighting with ither birds, fallen in stream very weak	Conspecific injury	NA	NA .	FRS
11/03/2015	01/03/2015	Mammal Chiroptera	Rodrigues fruit bat	Pleropus rodricensis	PR0060	F	NR C	0.15		NR	"Joanne"	Good BCS, abdominal exam unremarkable, stomach empty, faeces in rectum normal. Both lungs mottled with areas of redipurple pathology indicative of an acute pneumonia.	Pneumonia	Infectious	NA.	NA	No vet
6/03/2015 6/03/2015		Avian anatidae Avian			BS0018 GE0001	UNK 1	0y (Red GA Green CA	NR NR	Found dead in pond Found dead in aviary	Unable to perform - body been eaten Unable to perform PM - body eaten, probably old.	Open Open	Open Open	NA NA	NA NA	No vet
6/03/2015	16/03/2015	Gallformes Avian Gallformes		Tragopan lemminckii	TTR003	M N	iR C		Blue CS	NR	Found dead in pond	= = 2, 05	Trauma	RTA/ Trauma	NA NA	NA .	FRS
21/03/2015 2		Avian anatidae Mammal	North American wood duck Rodrigues fruit bat		AS0065 PR0219	NR N	IR O	0.25	Red DV 056000003201921	NR NR	Attacked by baboons Let outside into aviary, bad weather caused death.		Conspecific injury Hypothermia	Conspecific injury Husbandry	NA NA	NA NA	No vet
6/03/2015 2		Chiroptera Mammai	Rodrigues fruit bat	Pteropus rodricensis II	PR0218	M N	IR IO	0.15	056000003201521	NR	Let into the outdoor aviary - found dead after the bad	7)	Hypothermia	Husbandry	NA	NA NA	No vet
1/04/2015	1/04/2015	Chiroptera Mammal Chiroptera		Pteropus rodricensis I	PR0096	F N	IR 0		68000004255843	NR	weather. Bat house temps have been low recently, no other symptoms. Bat found dead in the am.	Good bodyc ondition and no signs of external injury or disease. The liver was enlarged and there was a small amount of free fluid in the abdomen, this was red in colour. No food in the stomach and normal faces in the rectum. Spleen and kidneys normal.	Acute hepatitis	Infectious	NA NA	NA .	RB
0/04/2015 1	1/04/2015	Avian anatidae	Ruddy shelduck	Tadoma ferruginea L	.D0346	F N	R N	IR E	llue BE	NR	Unsteady wheezing, given tribrissen 24% 5ml	material. Hepatomegaly, stiff liver consistency (fibrosis of liver), yellow pink colour. Mild splenomegaly and haemorrhagic enteritis with thickened intestinal wall. Pneumoria was observed in teh hangs, white fluid in lungs and arisess. Enlargement of the heart and inflammation on the surface of the heart. Right atrium and veba cava very dilated.	flow throught the lungs in an effort to produce endogenous heat and pneumonia		NA	NA	FRS
1/04/2015 1	1/04/2015 F	Reptile tortoise	Red footed tortoise	Chelonodis carbonaria C	CCA001	M N	R 2	.39 "1	Basil*	NR	feedin property.	No signs of external wounds or body damage. Liver NAD, kidneys NAD, gall bladder NAD, no food content in stomach or GIT. Lungs and trachea NAD, heart NAD.	Cause of death hypothermia due to being away from heat lamp and not feeding properly.	Husbandry	NA .	NA	FRS

Avian anati Avian anati Avian anati Avian anati Avian Galliformes Avian Galliformes Avian Galliformes Avian Galliformes Avian Galliformes Mammal Primate Mammal Primate Mammal Chroptera Mammal Chroptera Avian Avian	Blue and yellow macaw toise Hermann's tortoise Fennec fox Golden pheasant Temminck's tragopan	Phoenicopterus chilensis Dendrocygna bicolor Dendrocygna bicolor Tragopan temminckii Ara ararauna Testudo hermanni Vulpes zerda Chrysolophus pictus Tragopan temminckii Saguinus oedipus Lemur catta Lemur catta Lemur macaco macaco Pteropus rodricensis	PCC008 DB0004 DB0001 TTR001 AA0064 TH0038 VZ0001 CP015 TTR007 SC00060	F NR M NR F NR M 13 F NR M 5y F UNK M NR	1.9 NR NR 1.05 0.65 0.236 0.85 NR	250229600018480 250228500017899 250228500017822 Blue band 956000008246990 956000008246900 000099F3E Green JN	NR	room for 2 days until found dead, fluids administered Shivery few days prior to death, after heavy rain. Sunken eyes, pale skin, eyes closed, cold to touch, brought inside and was on five day course of amilkacin. No signs of illness, prednisolone 1 mg eod and 4 mi o zooderm spread over AM and PM food. Multiple reatments due to a skin condition. Treatled with hyermectin for mites, balls with malases bamppo,	swelling of tibiolarsal region. Deep wound on top of biolarsal zone, with tendon and bone exposure. Infection and necroice fibrosis observed on biolarsal zone, with tendon and bone exposure. Infection and necroice fibrosis observed on biolemental plont, with necroice femoral muscles. Animal in good BCS, no visible external wounds seen, after removing skin, severe brusing and bleeding were observed in neck and chest area, beign the worst part in pectroal muscles. Visible external wounds on left wing, after removing skin, severe brusing and bleeding were observed in neck and heat in neck and heat of the properties of t	Cause of death due to severe head and neck injuries caused by another bird. No need for further investigation. Anorexia following hypothermia and exposure Cause of death hypothermia due to being away from the heat lamp and not feeding property. Cause of death suspect to be Cushings disease and making it worse with corticosteroid treatment, hyperadrenocortism - kidney failure Cause of death was from shock from ruchared	Conspecific injury Conspecific injury Husbandry Husbandry	NA	NA NA NA NA Faecal screen - negative salmonella, capmylobacter, other bacterial and fungal pathogens. NA NA NA	FRS
Avian anati- Avian Galliformes Avian Peittacine Reptile torto Mammal Camivore Avian Galliformes Avian Galliformes Mammal Primate Mammal Primate Mammal Primate Mammal Chroptera Mammal Avian Avian Avian Avian Avian	Temminck's tragopan Blue and yellow macaw totse Hermann's tortoise Fennec fox Golden pheasant Temminck's tragopan Cotton top tamarin Ring talled lemur Black lemur	Dendrocygna bicotor Tragopan temminckii Ara ararauna Testudo hermanni Vulpes zerde Chrysolophus pictus Tragopan temminckii Saguinus oedipus Lemur catta Lemur catta Eulemur macaeco macaeco	DB0001 TTR001 AA0064 TH0038 VZ0001 CP015 TTR007 S00060	F NR M 13 F NR M 8y F UNK	0.85 0.236 0.85	250228500017822 Blue band 956000008246990 956000008246900 0000099F3E Green JN		Blue XC Found with eye fully shut. Bird was found with head injuries, swoten face and eyes shut, was kept in vet room for 2 days until found dead, fluids administered. Shivery few days prior to death, after heavy rain. Sunken eyes, pale skin, eyes closed, cold to touch, brought inside and was on five day course of amilikacin. No signs of Blaess, prednisolone 1mg eod and 4m lo zooderm spread over AM and PM food. Multiple realments due to a skin condition. Treated with hermetule for mites, baths with malaseb shampo, seems to work but then got worse. Prednisolone 1m as a last attempt to improve skin. Bird was found dead with no abnormal symptoms	Animal in good BCS, no visible external wounds seen after removing skin, severe brusing and bleeding were observed in neck and chest area, beign the worst part in pectroal muscles. Visible external wounds on left wing, after removnig skin, severe bruising and bleeding were observed in neck and chest area, worst part in pectoral muscles. Poor BCS, severe head, face and eye injuries. Eyes had been pecked and were infected. Haemorrhage to observed in neck and head. No, no food at all was found in crop, gizzard or GIT, kidneys NAD, gall bladder NAD, kings and trachea NAD, heart NAD. No signs of wounds or external body damage, liver NAD, kidneys NAD, gall bladder NAD, no food content in stomach or GIT, kings and trachea NAD. Very poor BCS, thin although it was eating OK. Externally ariman had alopeda in chest, abdomen, lies, pans, with thin crusty, by skin. Dark griddyn y and very dark few erwer observed. Stomach content and GIT content were present. Pale pink lungs were observed. Gross egg peritonitis present this his intracts, polks and fqueffed egg yolk present in the hadominal cavity, pieces of egg shell were present and rupture of the original content head of the original was observed.	bird attacks. No need for further investigations Cause of death internal exsanguination due to other birds attacks Cause of death due to severe head and neck injuries caused by another bird. No need for further investigation. Anorexia following hypothermia and exposure Cause of death hypothermia due to being away from the heat lamp and not feeding property. Cause of death suspect to be Cushings disease and making it worse with corticosteroid treatment, hyperadrenocortism - kidney failure Cause of death was from shock from ruphered	Conspecific injury Conspecific injury Husbandry Husbandry Anatomical	NA NA NA NA NA NA NA NA	NA NA NA Faecal screen - negative salmonella, capmylobacter, other bacterial and fungal pathogens. NA NA NA	FRS FRS FRS FRS FRS
Avian Galliformes Avian Petitacine Reptile torto Mammal Carnivore Avian Galliformes Avian Galliformes Mammal Primate Mammal Primate Mammal Primate Mammal Chiroptera Mammal Chiroptera Avian	Blue and yellow macaw Blue and yellow macaw totae Hermann's tortoise Fennec fox Golden pheasant Temminck's tragopan Cotton top tamarin Ring talled lemur Ring talled lemur Black lemur	Tragopan temninckii Ara ararauna Testudo hermanni Vulpes zerda Chrysolophus pictus Tragopan temninckii Saguinus oedipus Lemur cetta Lemur cetta Eulemur macaeco macaeco	TTR001 AA0064 TH0038 VZ0001 CP015 TTR007 S00060	F NR M 13 F NR M 8y F UNK	0.85 0.236 0.85	956000008246990 956000008246900 0000099F3E Green JN		Found with eye fully shut. Bird was found with head injuries, swoten face and eyes shut, was kept in vet room for 2 days until found dead, fluids administered. Shivery few days prior to death, after heavy rain. Sunken eyes, pale skin, eyes closed, cold to touch, brought inside and was on five day course of amilitacin. No signs of illness, prednisolone ting eod and 4ml o zooderm spread over AM and PM food. Multiple reatments due to a skin condition. Treated with Invernectin for mites, baths with malaseb shamppo, seems to work but then got worse. Prednisolone tim as a last attempt to improve skin. Bird was found dead with no abnormal symptoms	Visible external wounds on left wing, after removing skin, severe bruising and bleeding were observed in neck and chest area, worst part in pectoral muscles. Poor BCS, severe head, face and eye injuries. Eyes had been pecked and were infected. Haemorrhage observed in neck and head. Bird was in poor body condition, very thin. Liver NAD, no food at all was found in crop, gizzard or GIT, kidneys NAD, gall bladder NAD, kngs and trachea NAD, heart NAD. No signs of wounds or external body damage, liver NAD, kidneys NAD, gall bladder NAD, no food content in stomach or GIT, kings and trachea NAD. I Very poor BCS, thin although it was eating OK. Externally arisinal had alopecia in chest, abdomen, legs, pares, with thin crusty, for skin. Dark gively shotning area observed in peritoneum, gray kidnyrs and very dark fiver were observed. Stomach content and GIT content were present. Pale pink lungs were observed. Gross egg peritonitis present with two intact egg yolks and fleugleded egg yolk present in the abdominal cavity, pieces of egg shell were present and rupture of the oriduct was observed. All other organs were	birds attacks Cause of death due to severe head and neck injuries caused by another bird. No need for further investigation. Anorexia following hypothermia and exposure Cause of death hypothermia due to being away from the heat lamp and not feeding property. Cause of death suspect to be Cushings disease and making it works with corticosteroid treatment, hyperadienocortism - kidney failure Cause of death was from shock from ruphered	Conspecific injury Husbandry Husbandry Anatomical	NA NA NA NA NA NA	NA NA Faecal screen - negative salmonella, capmylobacter, other bacterial and fungal pathogens. NA NA	FRS FRS
Avian Galliformes Avian Galliformes Avian Galliformes Mammal Primate Mammal Primate Mammal Primate Mammal Mammal Mammal Chiroptera Mammal Avian	Blue and yellow macaw loise Hermann's tortoise Fennec fox Golden pheasant Temminck's tragopan Cotton top tamarin Ring talled lemur Ring talled lemur Black lemur	Ara ararauna Testudo hermanni Vulpes zerda Chrysolophus pictus Tragopan tersninckii Saguinus oedipus Lemur catta Lemur catta Eulemur macaco macaco	AA0064 TH0038 VZ0001 CP015 TTR007 S00060	M 8y	0.85 0.236 0.85	95600008246990 956000008246900 0000099F3E		injuries, swollen face and eyes shut, was kept in vet room for 2 days until found dead, fluids administered shivery few days prior to death, after heavy rain. Shivery few days prior to death, after heavy rain. Sunken eyes, pale skin, eyes closed, cold to touch, brought inside and was on five day course of amikacin No signs of illness, prednisolone 1mg eod and 4mi o zooderm spread over AM and PM food. Multiple reatments due to a skin condition. Treated with livermechin for mites, baths with malaseb shamppo, seems to work but then got worse. Prednisolone 1m as a last attempt to improve skin. Bird was found dead with no abnormal symptoms	had been pecked and were infected. Haemorrhage Lobserved in neck and head. Bitd was in poor body condition, very thin. Liver NAD, no food at all was found in crop, gizzard or GIT, kidneys NAD, gall biadder NAD, kings and trachea NAD, heart NAD No signs of wounds or external body damage, liver NAD, kings and trachea NAD, heart NAD No signs of wounds or external body damage, liver NAD, kings of trachea NAD, the NAD, kings and trachea NAD. If Very poor BCS, thin although it was eating OK. Externally animal had alopeda in chest, abdomen, legs, pare, with thin crusty, kry skin. Dark givery abdominal area observed in peritineum, gray kindyrey and very dark fiver were observed. Stomach content and GIT content were present. Pale pink lungs were observed. Gross egg peritionities present with two intact egg yolks and fiquefied egg yolk present int chabdominal cavity, pieces of egg shell were present and rupture of the oxidate was observed. All other organs were	cause of death was from shock from ruchured Cause of death support to be Cushings disease and making it worse with cordicosteroid breatment, hyperadienocortism - kidney failure Cause of death suspect to be Cushings disease and making it worse with cordicosteroid breatment, hyperadienocortism - kidney failure Cause of death was from shock from ruchured	Husbandry Husbandry Anatomical	NA NA NA NA	NA Faecal screen - negative salmonella, capmylobacter, other bacterial and fungal pathogens. NA NA	FRS FRS
Peittacine Reptile torto Mammal Carnivore Avian Galiformes Avian Galiformes Mammal Primate Mammal Primate Mammal Primate Mammal Chiroptera Mammal Avian Avian	Fennec fox Golden pheasant Temminck's tragopan Cotton top tamarin Ring talled lemur Black lemur	Testudo hermanni Vulpes zerda Chrysolophus pictus Tragopan terminckii Saguinus oedipus Lemur catta Lemur catta Eulemur macaco macaco	TH0038 VZ0001 CP015 TTR007 S00060	M 8y	0.236	956000008246900 0000099F3E Green JN		Sunken eyes, pale skin, eyes closed, cold to touch, brought inside and was on five day course of amilkacin No signs of illness, prednisolone 1mg eod and 4mi o zooderm spread over AM and PM food, Multiple reatments due to a sikn condition. Treated with levements for mites, baths with malaseb shamppo, seems to work but then got worse. Prednisolone 1m as a last attempt to improve skin. Bird was found dead with no abnormal symptoms	ino food at all was found in crop, gizzard or GIT, kidneys NAD, gall balder NAD, kngs and traches NAD, heart NAD. No signs of twounds or external body damage, liver NAD, kidneys NAD, gall bladder NAD, no food content in stomach or GIT, kngs and traches NAD. If Very poor BCS, thin although it was eating OK. Externally animal had alopedia in chest, abdomen, legs, pares, with thin crusty, for skin. Dark gively abdominal area observed in peritoneum, gray kidnyrs gand very dark fiver were observed. Stomach content and GIT content were present. Pale pink lungs were observed. Gross egg peritonitis present with two intact egg yolks and lequefied egg yolk present int chabdominal cavity, pieces of egg shell were present and rupture of the originary were	Cause of death hypothermia due to being away from the heat lamp and not feeding property. Cause of death suspect to be Cushings disease and making it worse with corticosteroid treatment, hyperadrenocortism - kidney failure Cause of death was from shock from rushared	Husbandry	NA NA NA	Faecal screen - negative salmonella, capmylobacter, other bacterial and fungal pathogens. NA NA	FRS
Mammal Primate Mammal Primate Mammal Primate Mammal Primate Mammal Mammal Mammal Mammal Chroptera Mammal Chroptera Mammal Avian	Fennec fox Golden pheasant Terminck's tragopan Cotton top tarnarin Ring talled lemur Ring talled lemur Black lemur	Vulpes zerda Chrysolophus pictus Tragopan terminckii Saguinus oedipus Lemur catta Lemur catta Eulemur macaco macaco	VZ0001 CP015 TTR007 SC00060	M 8y	0.85	0000099F3E		brought inside and was on five day course of amikacin. No signs of illness, prednisolone 1mg eod and 4ml o zooderm spread over AM and PM food. Multiple reatments due to a sikn condition. Treated with livermeetin for mites, baths with malaseb shamppo, seems to work but then got worse. Prednisolone 1m as a last attempt to improve skin. Bird was found dead with no abnormal symptoms	No signs of wounds or external body damage, liver NAD, kidneys NAD, gall bladder NAD, no food content in stomach or GIT, lungs and trachea NAD. If Very poor BCS, thin although it was easing OK. Externally animal had alopedia in chest, abdomen, legs, paws, with thin crusty, dry skin. Dark grey abdominal area observed in peritinaeum, gray kidnys gand very dark liver were observed. Stomach content and GIT content were present. Pale pink lungs were observed. Gross egg peritonitis present with two intact egg yolks and fiquefied egg yolk present int ch abdominal cavity, pieces of egg shell were present and rupture of the oxidate was observed. All other organs were	the heat lamp and not feeding properly. Cause of death suspect to be Cushings disease and making it worse with corticosteroid treatment, hyperadrenocortism - kidney failure Cause of death was from shock from ruchured	Anatomical	NA NA	NA .	FRS
Avian Galliformes Avian Galliformes Mammal Primate Mammal Primate Mammal Primate Mammal Mammal Chiroptera Mammal Avian	Golden pheasant Termminck's tragopan Cotton top tarnarin Ring talled lemur Ring talled lemur Black lemur	Chrysolophus pictus Tragopan temminckii Saguinus oedipus Lemur cetta Eulemur macaco macaco	CP015		0.75	Green JN	NR NR NR	No signs of illness, prednisolone 1mg eod and 4ml o zooderm spread over Alf and PM food. Multiple reatments due to a sikn condition. Treated with lvermectin for mites, baths with malaseb shamppo, seems to work but then god worse. Prednisolone 1m as a last attempt to improve skin. Bird was found dead with no abnormal symptoms	I Very poor BCS, thin although it was eating OK. Externally animal had alopecia in chest, abdomen, legs, paws, with thin crusty, dry skin. Dark grey abdominal area observed in peritinerum, gray iddinys g and very dark liver were observed. Stomach content and GIT content were present. Pale pink lungs were observed. Gross egg peritionitis present with two intact egg yolks and fqueffed egg yolk present int eh abdominal cavity, pieces of egg shell were present and rupture of the oxiduct was observed. All other organs were	making it worse with corticosteroid treatment, hyperadrenocortism - kidney failure Cause of death was from shock from ruchured		NA NA	NA .	
Galliformes Avian Galliformes Mammal Primate Mammal Primate Mammal Primate Mammal Chroptera Mammal Chroptera Avian	Temminck's tragopan Cotton top tamarin Ring talled lemur Ring talled lemur Black lemur	Tragopan temninckii Saguinus oedipus Lemur catta Lemur catta Eulemur macaco macaco	TTR007 SO0060				NR NR		yolks and liquefied egg yolk present int eh abdominal cavity, pieces of egg shell were present and rupture of the oviduct was observed. All other organs were	Cause of death was from shock from ruptured oviduct and egg peritonitis.	Anatomical	NA	NA .	-
Galiformes Mammal Primate Mammal Primate Mammal Primate Mammal Primate Mammal Chroptera Avian	Cotton top tarnarin Ring talled lemur Ring talled lemur Black lemur	Saguinus cedipus Lemur catta Lemur catta Eulemur macaco macaco	SO0060	M NR	NR 0.5	Blue AF	NR	1	grossty normal. Bird was in good condition, normal SC fat layer and gut contetns.					FRS
Primate Mammal Primate Mammal Primate Mammal Primate Mammal Chiroptera Mammal Chiroptera	Ring tailed lemur Ring tailed lemur Black lemur	Lemur catta Lemur catta Eulemur macaco macaco	NA	F 2y	0.5	E		Found in water in mineshaft, partially eaten.	Good body condition body has been partially eaten. Crop and gizzard containign ingests, water contetn in lungs and trachea. Abdominal organs were normal and digestive tract contained normal ingests.		Husbandry	NA	NA	FRS
Primate Mammal Primate Mammal Primate Mammal Chiroptera Mammal Chiroptera Avian	Ring tailed lemur	Lemur catta Eulemur macaco macaco	NA NA			956000001370365	NR	Socks was been kicked out of the group by the other tamarins, they had restricted her access to food. The keepers tried to feed her separately where ever possible but this was not always successful.		Inanition, cold and shock	Husbandry	NA	NA	FRS
Primate Mammal Primate Mammal Chiroptera Mammal Chiroptera Avian	Black lemur	Eulemur macaco macaco	NA	М 3w	0.216	NR	NR	Taken by other lemurs and killed	No PME report	Conspecific injury	Conspecific injury	NA	NA NA	No vet
Primate Mammal Chiroptera Mammal Chiroptera			1	M 41d	0.216	NR	NR	Attacked by another lemur	No PME report	Conspecific injury	Conspecific injury	NA	NA	No vet
Chiroptera Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	LM011	F 23d	0.103	NR	NR	Mother was neglecting the baby	No PME report	Inanition and cold	Husbandry	NA	NA	No vet
Chiroptera Avian			PR0206	F NR	0.15	956000003045684	NR	Found outside after severe weather	No sisgns of wounds or external body damage, liver NAD, kidneys NAD, gall bladder NAD, no food content in GIT, lungs and trachea NAD, heart NAD.	Cause of death hypothermia .	Husbandry	NA	NA	FRS
Avian	Rodrigues fruit bat	Pteropus rodricensis	PR0128	F NR	0.2	95600001233564	NR	Found inside on the floor, no other symptoms.	No signs of wounds or external body damage, liver NAD, kidneys NAD, gall bladder NAD, no food content in GIT, lungs and trachea NAD, heart NAD.	Cause of death hypothermia	Husbandry	NA	NA	FRS
Galliformes	Temminck's tragopan	Tragopan terminckii	TTR002	M NR	1.25	Red CR	NR	Found deceased and eaten in the stream.	Unable to perform - body been eaten	Open	Open	NA	NA	No vet
Mammal Primate	Black and white lemur	Varecia variegata variegata		F 21	4.15	00-0061-CFB9	NR	died half an hour later.	very swolen, 1 day after death. Uterus content 3 bables, immature, not fully grown for bith, First baby in crossed position and was less developed than other two, appeared to have been dead for a longer time blocking the birth passage. Severe endometrial haemornhage was observed causing exsanguination. No need for further investigation.	Dystocia and endometrial tear/bleed	Anatomical	NA	NA	FRS
Galliformes	3 2	nt Chrysolophus amherstiae	CAM007	M NK	NR	Red AC	NR	Found dead in bush area	Unable to perform PM - body rotten and eaten	Open	Open	NA	NA	FRS
Mammal. Primate	Black lemur	Eulemur macaco macaco	LM0011	F 8y	2.85	95800004254244	NR	Her baby died, it was 20 days old, 1 day later she was ragging her tail on the floor and was sightly unsteady on her back legs. She was also sightly unsched. These symptoms persisted for three days prior to death. She was showing interest in food but appeared to be chewing it and playing with it, then spitting it back out rather than eating it.	portal circulation, where the blood leads straight to	Cause of death based on symptoms and PM observations failty few fisease, cirrhosis, high cholesterol, arteriosclerosis, spinal stroke.	Anatomical	NA .	NA	FRS
Avian Psittacine	Green winged macaw	Ara chloroptera	AC0060	NR NR	NR	Silver ring left	NR	Caught up because wire stuck around foot, bad wheezing afterwards, rasping.	No PM report	Open	Open	NA	NA	No vet
Avian other				NR NR	2.65	958000000325054	NR	Found laid flat, still moving, feet and beak were very blue in colour	Animal was frozen so only gross PM could be done, injuries observed on both wings. Cyanotic beak and feet and mucuses. No food in crop or GIT. Lab test came clean for bacterilogical diseases (JC faeces)		Husbandry	NA	Facces - NAD	No vet
Avian anatida	ae White faced whistling duck	Dendrocygna viduata	DV0002	NR NR	0,65	NR	NR	Found dead in aviary, puncture hole in head.	Animal in good body condition, visible external wound in head, severe bruising and bleeding were observed if	Cause of death: due to other birds attack, no need for further investigation	Conspecific injury	NA	NA	FRS
Mammal Primate	Black and white lemur	Varecia variegala variegala	VVV054	F NR	NR	956000001227077	NR	Tetanic state, struggling to breathe. Tetanus, euthanased. Had been unwell and been treated for the past two days with antibiotics, its condition worsened and was in a totally tetanic state,	in head with a big puncture hole No PM report	Tetanus	infectious	NA	NA .	RB
Mammal marsupial	Western grey kangaroo	Macropus fullginosus	MF0050	F NR	NR	967000000629086	NR	Swollen jaw. Has had a chronic molar infection for months, started losing weight and lethergic for a few days before dying. Treated with oxytetracycline LA 4 times, treatment changed to celliofur for 10 days with	mandibular bone, necrotic tissue around teeth and gum, fibrotic granuloma and teeth decay were observed. All internal organs were in normal		Infectious	NA NA	NA .	FRS
		Phoenicopterus chilensis	NR	F 9y4m	1.65	250229600024823	NR	back up with the group throughout the day. The bird is quite thin, found dead by side of the flamingo pool.		e .	Open	NA .	NA	FRS
Avian other	Nepal Kalīj pheasant	Lophura leucomelanos leucomelanos	LL001	M NR	0.65	Red AH	NR	bird was attacked by other birds with visible injuries in different parts of the body.	with bone exposure, bleeding through beak, blood content in oral cavity, syringe, trachea, internal in muscle rupture, with internal haematoma, in pectoral muscles and legs. Haemorrhagic chest cavity.	figithgin with other birds, no need for further investigation	Conspecific injury	NA .	NA	FRS
Avian Galiformes		Sarcoramphus papa	SP0001	F 10y	4	NR	NR	and nasal area, bruising around head, bent tail, looked like an impact due to heavy winds night before.	the head, neck and face, this was clearly done by an c impact against the mesh due to heavy winds the night before. No further investigations were done or were necessary due to no signs of other liness or infectious diseases	Cause of death severe injuries ot head and neck caused by trauma.	RTA / Trauma	NA	NA .	FRS
	upial other	other Chilean flamingo Nepal Kalij pheasant	other Chilean flamingo Phoenicopterus chilensis Nepal Kalij pheasant Lephura leucomelanos leucomelanos	other Chilean flamingo Phoenicopterus chilensis NR Nepal Kalij pheasant Lophura leucomelanos LL001 leucomelanos Sarcoramohus papa SP0001 mal Cotton top tamarin Saguinus cedipus S00040	other Chilean flamingo Phoenicopterus chilensis NR F 9y4m Nepal Kalij pheasant Lophura leucomelanos LL001 M NR other King vulture Sarcoramphus papa SP0001 F 10y mal Cotton top tamarin Saguinus cedipus S00040 F 6y	other Chilean flamingo Phoenicopterus chilensis NR F 9y4m 1.65 Nepal Kalij pheasant Lophura leucomelanos LL001 M NR 0.65 other King vulture Sarcoramphus papa SP0001 F 10y 4	other Chilean flamingo Phoenicopterus chilensis NR F 9y4m 1.65 250229600024823 Nepal Kalij pheasant Lophura teucometanos LL001 M NR 0.65 Red AH other King vulture Sarcoramphus papa SP0001 F 10y 4 NR	other Chilean flamingo Phoenicopterus chilensis NR F 9y4m 1.65 250229600024823 NR Nepal Kalij pheasant Lophura leucomelanos LL001 M NR 0.65 Red AH NR other King vulture Sarcoramphus papa SP0001 F 10y 4 NR NR	mal western grey kangaroo Macropus fullginosus MF0050 F NR NR 96700000629086 NR Swollen jaw, Has had a chronic molar infection for months, started losing weight and lethangle for a few days before dying. Treated with oxystexocycline L4 times, treatment changed to cellifour for 10 days with not improvement. Swelling of the right side of the face with bad odd and obvious pain were observed. Chilean flamingo Phoenicopterus chilensis NR F 9y4m 1.55 250229600024823 NR Standing alone on some occasions but would join back up with the group throughout the day. The bird is quite thin, found dead by side of the flamings ormes. Nepal Kalij pheasant Lophura leucomelanos (L001 M NR 0.65 Red AH NR Seems underweight, lot of blood from mouth. This bird was attacked by other birds with visible injuries in different parts of the body. Sarcoramphus papa SP0001 F 10y 4 NR Found knocked out in aviary, bleeding from mouth and nasal area, bruising around head, bent tall, looked like an impact due to heavy winds night before.	mai upial Western grey kangaroo Macropus fullginosus MF0050 F NR NR 96700000629086 NR Swollen jaw. Has had a chronic molar infection for months, started losing weight and lethargic for a few days before edition. Started losing weight and lethargic for a few days before edition. Started losing weight and lethargic for a few days before edition. The provision of the properties of the properties of the properties of the properties. Well and obvious paint were observed. All internal organs were in normal condition. Chilean flamingo Phoenicoplerus chilensis NR F 9y4m 1.65 250229600024823 NR Standing alone on some occasions but would join back to with the group throughout the day. The bird is quite thin, found dead by side of the flamingo pool. No PM report No PM r	western grey kangaroo upial Western grey kangaroo Western grey kangaroo upial Western grey kangaroo upial Western grey kangaroo Western grey	mal western grey kangaroo wilder before dispression of the policy of the	mal wheten grey kangaroo Macropus fullginosus MF000 F NR NR 96700000629086 NR NR Swollen jaw. Has had a chronic molar infection for months, started losing weight and letharagic for a few days before digit, Tertated with outgoing the first first of the started losing weight and letharagic for a few days before digit, Tertated with outgoing the first first of the family and the started losing weight and letharagic for a few days before digit and the family as the started with the door and chinicus pair were document. Other Chilean flamingo Phoenicopierus chilenais NR F 994m 1.85 250228600024823 NR Starting alone as one see accasions the whole suite this fund dead by sale of the familyage pool. No Pharaging of the give with the group throughout the day. The bird is guite this, fund dead by sale of the familyage pool. No Pharaging of the give and the familyage pool. No Pharaging of the give and the familyage pool. No Pharaging of the give and the starting pool. No Pharaging of the give and the starting pool. No Pharaging of the give and the starting pool. No Pharaging of the give and the starting pool. No Pharaging of the give and the starting pool. No Pharaging of the give and the starting pool. No Pharaging of the give and the starting pool. No Pharaging of the give and the starting pool. No Pharaging of the starting and the starting pool. No Pharaging of the starting and the starting pool. No Pharaging of the starting and the starting pool. No Pharaging of the starting and the starting pool. No Pharaging of the starting and starting of the starting and starti	Mercryous fulfilinous Mercryous Mercry

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Date of death	Date of I	PM Taxa	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
06/06/20	15 06/06/20	15 Reptile tortoi	Leopard tortoise	Sligmochelys pardalis	GP0001	UNK	UNK	3.01	956000001338097	Lemur section	eyes, lethargic, Tx. enrofloxacin 7 days, amakacin		Cause of death unable to keep at 30 degrees inside enclosure, lack of UV rays.	Husbandry	NA	NA	
07/06/201	15 07/06/20	15 Mammal Chiroptera	Rodrigues fruit bat	Pleropus rodricensis	PR0200	м	NR	0.25	956000008250768	NR	None known prior to death. Found on mesh of aviary bleeding from eyes, suspected rat poisoning, bleeding mucoses	r, No PM report	Suspect rodenticide poisoning (JC ddx trauma)	Husbandry	NA	NA .	No vet
14/06/201	15 14/06/20	15 Mammal marsupial	Parma wallaby	Macropus parma	MP0123	м	4	4.6	956000001227794	NR	Reported to have missing bits of coat, 08/06/15, increasing alopecia 09/06/15, clinically suspected sarcoptic mange.	No PM report but histo report summarises sarcoptic mange, haemorrhagic lungs, abdominal bloating and seizures minutes before death.	Open	Open	Liver autolysis, lung, authysis - no dx. Tissues were sent fresh not in formalin.	heavy growth non-haem E.coli and enterococcus faecalis, light growth of clostridium, no salmonella	
24/06/201	15 24/06/20	15 Mammal Oth	er Linne's two toed sloth	Choloepus didactylus	CD0002	F	NR	3.45	"Stella"	NR	Bloated and weak, responded OK to treatment	No abnormal findings, white spots on liver, sent for	Bitary adenoma, liver (incidental)	Open	Biliary adenoma, anthrasilicosis.	Cryptosporidium	FRS / IZ
25/06/201	15 25/06/20	15 Mammal	Rodrigues fruit bat	Pleropus rodricensis	PR0199	м	NR	NR	956000008246347	NR	(tribrissen and buscopan), then found dead. No Hx	furhter work up, No PM report	Open	Open	NA	Profuse growth of mixed anaerobes in faeces	No vet
25/06/201	15 26/06/201	Chiroptera I5 Mammal	Rodrigues fruit bat	Pteropus rodricensis	PR0198	IF	NR	0.15	956000008246347	NR	Unable to perform - body eaten	No PM report	Open	Open	NA	NA	No vet
29/06/201	15 29/06/201	Chiroptera Sphenisciforn	Humboldt penguin	Spheniscus humboldti	SH0031	NR	1m24d	1.95	956000005547653	NR	Being picked on by its parents, large scab seen on it	s Big back wound	Rejected and pecked at by parents	Conspecific injury	NA	NA .	No vet
15/07/201	15 15/07/201	es	White stork	Ciconia ciconia ciconia	CCC031	М	2	2.8	956000002952084	NR	"Elfot" broken wing, tried to amputate, died during	No PM report	Loss of blood, broken wing with bone exposure	RTA / Trauma	NA	NA NA	RB
16/07/201	15 16/07/201	5 Avian	Orange winged amazon	Amazona amazonica	AA0074	NR	NR	0.3	"gizmo"	NR		No PM report	Open (JC - ddx heavy metal, infectious, trauma, etc)	Open	NA	Faeces sent - negative including Chlamydophilia	No vet
21/07/201	15 21/07/201	Psittacine 5 Reptile tortois	e African spurred tortoise	Centrochelys sulcata	GS0014	M	NR	34.2	528210000928817	NR	and itraconazole x 3 days, then euthanased by vet "Goliath" found in AM touching the electric fence in	No PM report	Electrocuted	Husbandry	NA	NA	RB
28/07/201	15 28/07/201	5 Mammal Hoofstock	Reindeer	Rangifer tarandus	RT0008	М	5	40	"Suka"	NR	the enclosure - electrocated. First came invit hystritic on head, next morning ver bloatd and breathing hard - could not lift feet. Cut inle rumen to release gas, lots of Equid and grank came out, breathings still heavy next day. Oxytet, bute, fluids.	y Animal presented with ruminal tympany and was in lateral recumbency for a day, and will not stand up. Rumenolomy was performed successfully, gas and foam were able to escape and the bloating was releved. The reindeer looked a lot better the next day but two days later was breating with difficulty. Animal died 3 days post intervention, JC - No actual PM report		Anatomical	NA	Strongyle ova <200epg	FRS
29/07/201	5 30/07/201	5 Avian Psittecine	Blue and yellow macaw	Ara ararauna	AA0029	М	20y	0.055	MC0006339E42	NR	"Paisley" found dead this morning, no sumptoms of disease or illness had been noted prior to death.	Bird in good BCS, lungs, airsacs, heart, liver, kidney, GIT were all grossly normal. No food in upper GIT, lower parts of intestine contained small volume of brown/green semi solid faeces. Cloaca full of runny greenish brown liquid excreta.	Open	Open	NA	Faecal screen negative for all pathogesn tested.	
29/07/201	5 29/07/201	5 Mammal marsupial	Red kangaroo	Macropus rufus	MR0088	F	3m	3.25	956000003117264	NR	"Adon" rejected by mother, tried fluids, cold wet nights outside, not feeding property, skinny, got snotty, wheezy and dehydrated, losing weight	Externally animal looked very thing and dehydrated, GIT small amounts of ay content and semi digested pellet in stomach, no content in intestines, yellow mucous in trachea and lungs was observed, with oedematous lungs, no other findings were observed	Cause of death rejected by mother, hypothermia and lung infection	Husbandry	NA	NA	FRS
03/08/201	5 03/08/201	5 Mammal Primate	Spider monkey	Aleles fusciceps robustus	AFR001	М	NR	6.9	956000003024546	NR	Wound on left thigh was stitched back up - chest wound across entire chest. Wounds were treated,	No PM report	Cause fo death fight wounds, desanguination, didn't come out of anaesthesia	Conspecific injury	NA	NA .	No vet
04/08/201	5 04/08/201	5 Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	PR0188	м	NR	0.25	956000008229277	NR	animal did not survive anaesthesia after surgery. Animal found on floor with big wound in left wing, put in vet room, died over night, focal haemorrhage	No PM report	Trauma	RTA / Trauma	NA	NA	
05/08/201	5 NR	Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	PR0208	м	NR	0.244	NR	NR	Found dead, still hanging on mesh, blood down his front but no wounds. This bat was found to be weak in the indoor housing, taken to the vet room for	IZVG PME: focally extensive acute SC and IM haemorrhage, left sided head, suggestive acute trauma, possibly underlying pathology	Acute trauma	RTA / Trauma	Histo sent but no report found	Liver bacteriology - incidental bacteria, little significance	IZVG
										5	monitoring - three others have died in the past few weeks, Given pen/strep 0.2ml 1 day before death.						
<u> </u>		Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	PR0189	F	NR	0.15	956000008265650	NR	No Hx	No PM report	Open	Open	NA	NA .	No vet
10/08/2015	5 10/08/201	5 Mammal	Rodrigues fruit bat	Pteropus rodricensis	PR0207	F	NR	0.225	NR	NR	No Hx	No PM report	Open	Open	NA	NA	No vet
12/08/2015	5 12/08/2019	Chiroptera Mammal Primate	Ring tailed lemur	Lemur calta	LC0201	М	4m	0.62	956000001518713	NR	"Oberyn" Down, curled up, glazed look, head to the side, head controle worsened, unable to use limbs, CCF, enrofloxacin, metxociam then tribrissen, prednisolone and then euthanased the next day	IZVG - severe focally extensive supparative meningioencepahitis, right frontal cerebral hemisphere, brain	Meningitis	Infectious	Focally extensive severe acute suppurative encephalomalacia with large intralesional bacterial colonies, brain	Brain swabs - no aerobic bacteria after 48hrs	IZVG
19/08/2015	5 23/08/2015	5 Avian other	Turkey vulture			UNK	NR	1.15	956000002949987	NR	remvoed from quaranitne to vulture aviary. It was being pecked by the other birds, Could not walk or fly	Right sid femur disloacted from acetabulum, trachea, lungs and heart in normal condition. All abdominal r organs were in good ocndition, no food found in oesophagus, crop, gizzard or intestines.	Cause to death possible lack of feeding, pain and immobility due to dislocated hip, no need for further investigation	Conspecific injury	NA	NA .	FRS
24/08/2015	24/08/2015	Reptile tortois	Spur thighed tortoise	Testudo graeca	TG0046	F	NR	2.75	956000008262374	NR	"Lilly": snoty nose, loss appetite, weight loss, back right leg infection, pus coming out of wound. Enrofloxacin 1ml.	No PM report	Septiceamia, big infection in back right leg, purulent discharge with strong odour	Infectious	NA	NA .	RB
80/08/2015	5 31/08/2015	Avian other Avian anatidae	Little egret Patagonian crested duck	Egretta garzetta Lophonetta specularoides	EG0023	F	14y	0.25	NR Red AE	NR	No Hx	No PM report NAD on PM (no reprot, just notes), sample taken to	Open	Open Open	NA NA	NA Faecal culture no pathogesn detected	FRS
		Mammal Othe		Dolicholis palagonum	DPT003	M I	7y6m	6.9	968000004434643	NR NR	Unsteady walking not eating, lameness Bloated, stiffnes, seizures, treated with 1ml tribrissen, 1ml buscopan and fluid therpay. Next day was very	lab, possible nutritonal deficiency	Tetanus	Infectious	NA NA	NA .	FRS
											stiff, had seizures and died 2 days after onest of symptoms	were obeserved, petechiae in the lungs		O	NA.	NΔ	No ve
0/09/2015		Primate	Ring tailed lemur	Lemur calla	NA	M 2	2m	0.23	NA	NR	Puncture wound on chest	No PM report	Puncture owound on chest from other lemur	Conspecific injury	NA	MA.	FRS
	5 13/09/2015	Hoofstock	Nyala	Tragelaphus angasii	TGA006	F	12y	40	NR	NR	soon as it was released it went link a panic, stressly, stage, disolited, paralised and standing in a comer without moving and then going into shook. It died minites after being released, no signs of injuries or diseases were observed at the moment. Sudden death.	Abdominal cavity unremarkable, Respiratory system lugn spingy, dark pink: red uniform cut surfaces, pleura unremarkable. CV system heart myocardial infarction on left ventricle, damage to the heart msucle was observed, kidneys NAD	stress.	Husbandry		NA.	FRS
109/2015	12/09/2015	Mammal Hoofstock	Nyala	Tragelaphus angasii	TGA004	F 1	11y9m	NR I	NR	NR	As soon as it was released it ran into a corner and stayed there shaking. It was found the next morning still stive shaking and him down in the rain, animal	haematomas in legs and abdominal area, most of	animal. Noise, new environment, new smells, transport and cold temperatures all contributed to the animal's stress. Then goes on to a long description of	=			
3/09/2015		Mammal	Nyala	Tragelaphus angasii	TGA005	F	Эу І	NR I	NR	NR	Just released into field	No PM report	Stress - shock (JC - these could actually be capture myopathy - but no histo undertaken)	Husbandry	NA	NA	FRS
80/9/15	21/09/2015	Hoofstock Mammal	Black and white ruffed lemur	Varecia variegata variegata	VVV061	M 4	ly I	NR S	956000001205053	Bottom ruffed house	Found in maned wolf enclosure	No PM report	Miled by maned wolves	Conspecific injury	NA	NA	No vet
	21/09/2015	Primate	Bar headed goose	Anser indicus	A1003	F A	Adult	3.75	NR	NR	Animal very thin, liver covered in white dots, hard, enlarged, no other significant findings.	Animal very thin, liver covered in white dots, hard, enlarged, no other significant findings.	Avian mycobacteriosis	Infectious	multifocal necrogranulomatous hepatitis suggestive o mycobacteriosis, liver, hepatic amyloidosis. Acid fast	f NA	IZVG
/09/2015	25/09/2015	Mammal Primate	Ring tailed lemur	Lemur calla	LC0198	M 6	im i	NR S	956000001536119	NR	"Smudge": damaged ankle, he was dragging the foot along the ground and wasn't using it. Euthanased by		Damaged ankle - no details	RTA / Trauma	positive.	NA	No ve
7/09/2015 2/10/2015	27/09/2015 03/10/2015	Avian anatidae Mammal	Bronze winged duck Snow leopard	Anas specularis Uncia uncia	NR UU0004	F 2	Py (est) (0.5 C	Green AJ	Main lake NR	vet Found in main lake "Miska"; found partially eaten, suspected barbiturate	Unable to perform PM -body eaten but blood sample	Open Open (ddx barbiturate poisoning), ealen	Open Conspecific injury	NA NA	NA NA	No ve
1012-200-200	,,	Carnivore	•	P-5-08-9-01.00.00m5						orat	poisoning.	to laboratory. No barbiturates found in blood - can find up to 36 hours post ingestion.			MA.	NA.	-
V10/2015	03/10/2015	Mammal	Snow leopard	Uncia uncia	UU0003	F 14	5w	3.8	VR .	NR .	"Natasja": Suspected barbiturate poisoning,	Unable to perform PM -body eaten but blood sample	Open (ddx barbiturate poisoning), eaten	Conspecific injury	INA	101	

o. Date of death	5 09/10/2015	M Taxa	Species	Species	ID	Sex A		Weight (kg) Microchip	Locatio		Gross findings	Diagnosis	Category	Histology	Microbiology	Author
		5 Mammal Hoofstock	Giraffe	Giraffa camelopardalsi	NA	F 13	53 S	3.5 NR	NR.	fluids every 2 hours. 04/10/15 presented with profi yefow diarnhoe a associated with rapid dehytration a week before dying on the 09/10/15. Was seen suckling but was lethargic, stressed, leaning again fences, weak and unsteady. Treated with fluids ev 2 hours one day before death but was aiready dehydrated and unable to stand up, did not respor to fluid theraw. Fencel sample was taken when	If Nawas performed specifically to abdominal area as and GIT system, large amount of mucus and ascite in abdominal cavity, large volume of foul smelling clots of milk content (approx 2) in abomassum, which is a content of the conte	were passed, and the calf rapidly became depresses and recumbent, followed by ypovolaemic shock and h death. E.coli	Infectious	NA	Pure growth of E.coli and Enterococcus	FRS
11/10/201		Avian other	Roseate spoonbil	Platalea leucorodia	NA	NR NF	R 0.9	95 Green VP	NR	Faten out of nest, lump on abdomen	Externally looked very thin, had huge lump on abdmen area, felt hard at touch but went soft when manipulating it. Abnormal amount of directni sized stones were found in the gizzard, animal was being fed stones by parents, no other food content was observed and the gizzards passage was totally blocked. Animal dehydrated and inanititated.	Foregin body obstruction	Analomical	NA NA	NA	FRS
14/10/201	5 15/10/2015	5 Mammal Hoofstock	Chinese muntjac	Munifiacus reevai	MRR011	F 12	у 13	NR	NR	Animal found dead with no previous signs of liness	Good BCS, abdominal distension was noted, normal SC fat, over 31 of fluid observed insdle abdomen, watery blood fluid, main observation was very enlagred cirrhotic liver with obvious necrosis and multifocal bleeding. Cirrhosis of the liver is the most common cause of asciles but other conditions such as heart failure, kidney failure, infection or cancer can also cause asciles. Asciles is caused by a combination of elevated pressure in the veins running through the liver (portal hypertension) and a decrease in liver function caused by searing of the liver. Parasite test performed result negative to GIT parasites.	Chronic liver disease	Anatomical	NA	in house sodium nitrate faecal - NPV	FRS
14/10/2015	14/10/2015	Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	PR0132	F 8y	0.2	96800000	735986 NR	No Hx	IZVG: cardiomyopathy, pericardial and pleural	Congestive heart failure	Anatomical	NA	NA	IZVG
18/10/2015	19/10/2015		Rodrigues fruit bat	Pteropus rodricensis	PRO151	M NR	0.2	246 NR	NR	No Hx	effusion No PM report	Open	Open	NA NA	NA	No vet
18/10/2015	19/10/2015	Mammal	Rodrigues fruit bat	Pteropus rodricensis	PRO146	F NR	0.2	224 NR	NR	No Hx	No PM report	Open	Open	INA .	NA NA	No vet
21/10/2015	21/10/2015	Chiroptera Avian anatidae	Ferruginous duck	Aytha nyroca	AN0021	M NR	50	NR	NR	No Hx	Unable to perform - body been eaten	Open	Open	NA .	NA	
	22/10/2015	Mammal marsupial	Parma wallaby	Macropus parma	MP0131	M NR	2.3	956000003	97574 NR	No Hx	Enlarged pancreas with white nodules.	Pancreatitis	Anatomical	NA NA	NA NA	RB
26/10/2015	26/10/2015	Mammal Primate	Common squirrel monkey	Saimiri sciureus	SS0029	М 5у	0.5	956000000	250110 NR	Several cuts to body and ankle, unable to use foot. Blue sprayed and pen/strep 0.3ml one injection.	No PM report	Conspecific injury	Conspecific injury	NA NA	NA .	No vet
26/10/2015	26/10/2015	Mammal Primate	Common squirrel monkey	Saimiri sciureus	\$\$0017	F NR	0.3	956000001	29499 NR	Euthanased by AG None - found dead in top house on beam, pregnan and blood around anus and back legs.	Performed PM mainly on reproductive system - undeveloped foetus, was found along with uterus	Septiceamia or septic shock due to foetus death and infection	Infectious	NA NA	NA NA	FRS
14/11/2015	14/11/2015		Common squirrel monkey	Salmiri sclureus	NR	F 2y	0.6	956000003	11205 NR		infection and pymoetra.	Septiceamia or septic shock due to foetus death and	Infectious	NA NA	MA	FRS
14/11/2015	14/11/2015	Primate Mammal	Callen ten temeria	Sandana andiana	010004			-		quiet behavholur, limited interest in food. Meloxican and temothoprim/strep	infection and pyometra	infection.			IVA	PRS
		Primate	Cotton top tamarin	Saguinus oedipus	S)0031	M Sy	0.4	5 956000008	02583 NR	"Pokoyo": quieter than usual and fluffed up, the day prior to death he was also wheezing. 0.1ml enrofloxacin (presumed 2.5%) day prior to death. Suspected pneumonic plague	IZVG: hepatomegaly, splenomgealy, lymphadneopathy - suspicious yersinia but not confirmed at gross.	Hepatitis	Infectious	Acute lymphadenitis, splenitis, colitis, mild acute pneumonia and minimal necrotising hepatitis. Yersiniosis considered unlikley. Toxoplasmosis immunohistochemistry undertaken – negative.	Bacteriology unreqrding - actual report not present but considered antibiosis to have affected it.	IZVG
	19/11/2015	Hoofstock	Nyala	Tragelaphus angasii	TGA003	F 8m	NR	900200000	95826 NR	Young animal unable to cope with storm and being outside in cold wet weather.	Externally animal was in good BCS, no signs of wounds or injuries, there was a total lack of gross PM pathology, all organs appeared normal and there was some food content in GIT, no dignosis could be reached on the evidence of this PM	Cause of death will be hypothermia due to exposure to extreme weather conditions.	Husbandry	NA	NA	FRS
	19/11/2015	Hoofstock	Nyala	Tragelaphus angasii	TG002	М 5у	NR	982000149	57935 NR	"Sheldon": no hx	No PM report - tissues sent for histology IZVG	Open but presumed same as above animal	Husbandry	Lung, liver, heart - all normal	Mild trichostrongle infection and occasional concidia	- No vet
19/11/2015	19/11/2015	Mammal Primate	Cotton top tamarin	Saguinus oedipus	SO0062	NR NR	0.38	956000001	20407 NR	Wheezing, given engemycin, metacam, baytril	No PM report	Open	Open	NA .	incidental finding. NA	FRS
	24/11/2015	Mammal Primate	Cotton top tamarin	Saguinus oedipus	SO0039	NR 8m	NR	956000004	34898 NR	Wheezing, lying on her side with difficulty breathing. Semi comatose, euthanased only elfare grounds	Severe pneumonic lesions throughout the left lung with some free redifferown fluid in the left theracic cavily. The fight hang had a few small eccymotic haemorrhage areas. Grossly all abdominal organs were normal. This is the third tamarin to die from this enclosure group.	Cause of death is pneumonia of infectious origin or from a common aerosol source of contamination - refer to lab results from other 2 deaths	Infectious	NA .	NA	RB
23/11/2015	23/11/2015	Reptile tortoise	Leopard tortoise	Stigmochelys pardalis	GP0010	NR NR	0.1	NR	NR	Not much intersted in food, lethargic, smalles one snotty, not eating properly, unable to keep temperature.	No PM report	Husbandry	Husbandry	NA	NA	No vet
1	22/11/2015	Petttacine	Blue fronted amazon	Amazona aestiva	AA0067	M UNI	0.27	75 NR	NR	NR	Unable to perform - body been eaten	Open	Open	NA NA	NA .	No vet
25/11/2015	26/11/2015	Mammal Other	Capybara	Hydrochaeris hydrochaeris	No ID	NR NR	4.6	MC0000047	55926 NR	Found dead in house AM	Animal was in good BCS, no external injuries were	Suspect yersinosis - histo and microbiology	Infectious	Necrolising suppurative hepatitis with gram negative		-
											noted, grossly lesions confined to liver and lungs, stomach and intestines were empty. Caecum was full with normal faecal pellets in colon. No mesneteric LN enlargement. Spleen and kidneys appeared normal. Liver was sightly enlarged with areas of focal white spots suspicious of yershia infection. Both lungs congested with motited haemorrhagic areas, smal (3- 5mm_gritly hard lumps dotted throughout the lung tissue – these maybe abscesses or parasitio cysts.	suggestive of Aeromonas sp.		rod shapped bacteria, severe bronch-interstitial pneumonia with similar bacteria, consistent not consistent with Yersinia. Aeromonas maybe significant	peromonas but no report round	
		Mammal Other		Hydrochaetis hydrochaetis	HH0021	M NR	39.5		0879 NR	Found dead in the AM, no history of symptoms of disease spotted before death.	stomach and intestines were empty. Caecum was ful with normal faceal pellets in colon. No mesneteric LN enlargement. Spleen and kidneys appeared normal. Liver was sightly enlarged with areas of food white spots suspicious of yersinia infection. Both lungs congested with motited haemorrhagic areas, smal (3-5mm_gritty hard lumps dotted throughout the lung issue - these maybe abscesses or parasitio cysts. In good BCS, no external signs of injury, there were no signs of pathology in the abdomen, all organs normal in appearance, stomach normal ingestia, normal faces in rectum. Dramatic pathology in the thorax, in each lang here was a large area of haemorrhage where colted blood had filled in to the main bronchi and smaller always, the unaffected lang areas were normal healthy pink colour. Trachea pink and normal. No other areas of haemorrhage noted in the body.	Lung haemorrhages of unknornv origin.	Anatomical	pneumonia with similar bacteria, consistent not consistent with Yersinia. Aeromonas maybe	NA	RB
01/12/2015	04/12/2015	Mammal Other Mammal marsupial	Capybara Swamp wallaby		HH0021	M NR	39.5 NR			disease spotted before death. Found dead in the AM, no symptoms of litness had been spotted prior to death but had been noted to b	stomach and intestines were empty. Caecum was ful with normal faceal pellets in colon. No mesneteric LN enlargement. Spleen and kidneys appeared normal. Liver was sightly enlarged with areas of focal white spots suspicious of yersinia infection. Both lungs congested with motited hearmornagic areas, small (3-5mm_grithy hard lumps dotted throughout the lung tissue – these maybe abscesses or parasitic cysts. In good BCS, no external signs of injury, there were no signs of pathology in the abdomen, all organs normal in appearance, stomach normal ingesta, normal facces in rectum. Dramatic pathology in the thorax, in each lung there was a large area of haemorrhage where clotted blood had filled in to the main bronch! and smaller airways, the unaffected lung areas were normal knother creas of haemorrhage	Lung haemorrhages of unknornv origin.	Anatomical	pneumonia with similar bacteria, consistent not consistent with Yersinia. Aeromonas maybe	NA NA Faeces negative for clostridial toxins	RB RB
01/12/2015		Mammal Other Mammal marsupial		Hydrochaeris hydrochaeris		M NR M 4y	39.5 NR	6 MC0000036	4372 NR	disease spotted before death. Found dead in the AM, no symptoms of itness had been spotted prior to death but had been noted to bit one most eating concentrates from the troughs in	stomach and intestines were empty. Caecum was ful with normal faceal pellets in colon. No mesneteric LN enlargement. Spleen and kidneys appeared normal. Liver was sightly enlarged with areas of focal white spots suspicious of yersinia infection. Both lungs congested with motted hearmornhagic areas, small (3-5mm_grithy hard lumps dotted throughout the lung tissue – these maybe abscesses or parasitic cysts. In good BCS, no external signs of injury, there were no signs of pathology in the abdomen, all organs normal in appearance, stomach normal ingesta, normal faces in rectum. Dramatic pathology in the thorax, in each lung there was a large area of haemorthage where clotted blood had filled in to the horax, in each lung there was a large area of haemorthage where clotted blood had filled in to the main bronch and smaller airways, the unaffected lung areas were normal healthy pink colour. Trachea pink and normal. No other areas of haemorthage noted int eh body. BCS 2 (bit thin), and no external injuries seen. There was sittle pathology of note to see in the caracse, thorax NAD, abdomen NAD, stomach contained a lot of part digested concentrate with very filler filling and on ealing hey; this may have been selectively feeding and no ealing hey; this may have been selectively feeding and no ealing hey; this may have predisposed to an actions. There was a small area of inflammed SI with redipink liquid content - submitted for closthidial toxins.	Lung haemonhages of unknomv origin.		pneumonia with similar bacteria, consistent not consistent with Yersinia. Aeromonas maybe	NA NA	RB IZVG
01/12/2015 04/12/2015	04/12/2015 04/12/2015	Mammal Other Mammal marsupial Mammal Primate	Swamp wallaby	Hydrochaeils hydrochaeils Wallabla bicolor	WB0030	M NR M 4y M 7y F 8y	NR	968000051	4372 NR 8143 NR	Found dead in the AM, no symptoms of litness had been spotted prior to death but had been noted to be the one most eating concentrates from the troughs in the house Long term scabbing on face, ears and genitals. Swelling of face, hair loss, lettingle, limited appetite, mites. Long term treatment didn't work, many tests done, problem continued. Animal became very weak	stomach and intestines were empty. Caecum was full with normal faccal pellets in colon. No mesneteric LN enlargement. Spleen and kidneys appeared normal. Liver was sightly enlarged with areas of local white spots suspicious of yersinia infection. Both lungs congested with motted hearnormagic areas, small (3-5mm_grithy hard lumps dotted throughout the lung tissue – these maybe abscesses or parasitio cysts. In good BCS, no external signs of injury, there were no signs of pathology in the abdomen, all organs normal in appearance, stomach normal ingesta, normal facces in rectum. Dramatic pathology in the horax, in each lang there was a large area of haemorrhage where clotted blood had filled in to thorax, in each lang there was a large area of haemorrhage noted in et al. Bod of part and the signal part of the signal part	Lung haemorrhages of unknornw orlgin. Enteritis Demodex and malassezia	infectious	pneumonia with similar bacteria, consistent not consistent with Yersinia. Aeromonas maybe	NA NA	
01/12/2015 04/12/2015	04/12/2015 04/12/2015	Mammal Other Mammal marsupial Mammal Primate Avian other	Swamp wallaby Saddleback tamarin	Hydrochaeris hydrochaeris Wallabla bicolor Saguinus fusicollis	WB0030	M	NR	5 MC000030	8143 NR	Found dead in the AM, no symptoms of litness had been spotted prior to death but had been noted to be the one most eating concentrates from the troughs in the house Long term scabbing on face, ears and genitals. Swelling of face, hair loss, lettingle, limited appetite, mites. Long term treatment didn't work, many tests done, problem continued. Animal became very weak	stomach and intestines were empty. Caecum was ful with normal faceal pellets in colon. No mesneteric LN enlargement. Spleen and kidneys appeared normal. Liver was sightly enlarged with areas of focal white spots suspicious of yersinia infection. Both lungs congested with motted hearmornhagic areas, small (3-5mm_grithy hard lumps dotted throughout the lung tissue – these maybe abscesses or parasitic cysts. In good BCS, no external signs of injury, there were no signs of pathology in the abdomen, all organs normal in appearance, stomach normal ingesta, normal faces in rectum. Dramatic pathology in the thorax, in each lung there was a large area of haemorthage where clotted blood had filled in to the horax, in each lung there was a large area of haemorthage where clotted blood had filled in to the main bronch and smaller airways, the unaffected lung areas were normal healthy pink colour. Trachea pink and normal. No other areas of haemorthage noted int eh body. BCS 2 (bit thin), and no external injuries seen. There was sittle pathology of note to see in the caracse, thorax NAD, abdomen NAD, stomach contained a lot of part digested concentrate with very filler filling and on ealing hey; this may have been selectively feeding and no ealing hey; this may have been selectively feeding and no ealing hey; this may have predisposed to an actions. There was a small area of inflammed SI with redipink liquid content - submitted for closthidial toxins.	Lung haemonhages of unknorny origin. Enteritis Demodex and malassezia Hypothermia, stayed outisde in cold, wet weather, rept bin, pecked by other hombilis	infectious	pneumoria with similar bacteria, consistent not consistent with Yersinia. Aeromonas maybe significant NA NA NA Severe scute haemorrhages, primarily the heart and	NA Faeces negative for clostridial toxins NA NA	RB IZVG FRS IZVG
01/12/2015 04/12/2015 05/12/2015 10/12/2015	04/12/2015 04/12/2015	Mammal Other Mammal marsupial Mammal Primate Avian other Mammal Primate	Swamp wallaby Saddleback tamarin Southern ground hornbill	Hydrochaeris hydrochaeris Wallabia bicolor Saguinus fusicollis Bucorvus leadbeateri	WB0030 SF0004 BLB005	M 4y M 7y F 8y	NR	956000014 968000051 Ripley	8143 NR Illescaus a	disease spotted before death. Found dead in the AM, no symptoms of itness had been spotted prior to death but had been noted to be the one most eating concentrates from the troughs in the house Long term scabbing on face, ears and genitals. Swelling of face, hair loss, lethargic, fimited appetite, mites, Long term treatment didn't work, many tests done, problem continued. Animal became very weak lethargic, not eating, beaten by other hombilits "Gus": no previous signs of itness. Abscess on inside of left teg for a long period of time, seemed more lethargic these past two days. Tribrissen and engemyonia LA, lodine spray and	stomach and intestines were empty. Caecum was ful with normal faceal pellets in colon. No mesneteric LN enlargement. Spleen and kidneys appeared normal. Liver was sightly enlarged with areas of focal white spots suspicious of yersinia infection. Both lungs congested with motted hearmarnagic areas, small (3-5mm_grithy hard lumps dotted throughout the lung tissue – these maybe abscesses or parasitio cysts. In good BCS, no external signs of injury, there were no signs of pathology in the abdomen, all organs normal in eppearance, stomach normal ingesta, normal faces in rectum. Dramatic pathology in the thorax, in each lung there was a large area of haemorrhage where clotted blood had filled in to the thorax, in each lung there was a large area of haemorrhage where clotted blood had filled in to the main bronch and smaller airways, the unaffected lung areas were normal healthy pink colour. Trachea pink and normal. No other areas of haemorrhage noted int et body. BCS 2 (bit thin), and no external injuries seen. There was little pathology of note to see in the caracse, thorax NAD, abdomen NAD, stomach contained a lot of part digested concentrate with very little finder coating, it may have been selectively feeding and cleating hay, this may have perdisposed to an acidosis. There was a small area of inflammed SI with redipink fluid content - submitted for clostylidal toxins. Genearised demodex and malassezia infection No PM report IZVG: severe diffuse jaundice, disseminated intramuscular haemorrhages heart, diaphragm, abd and skeletal muscles, diffuse hepstopathy, multifiocal pulmonary haemorrhages, splenomegaly	Lung haemorrhages of unknorm origin. Enteritis Demodex and malassezia Hypothermia, stayed outside in cold, wet weather, reny thin, pecked by other hombilis Rodenficide poisoning	infectious nfectious -lusbandry	pneumoria with similar bacteria, consistent not consistent with Yersinia. Aeromonas maybe significant NA NA NA Severe acute haemorrhages, primarily the heart and skeletal muscle, and other organs, one of three cases all similar, Many dock but codesical excess all similar, Many dock but codesicale	NA Faeces negative for clostridial toxins NA NA NA NA NA Negative yersinia and other bacteria of interest	FRS
01/12/2015 04/12/2015 05/12/2015 10/12/2015	04/12/2015 04/12/2015 06/12/2015 10/12/2015	Mammal Other Mammal marsupial Mammal Primate Avian other Mammal Primate	Swamp wallaby Saddleback tamarin Southern ground hornbill Ring talled lemur	Hydrochaeris hydrochaeris Waliabia bicolor Saguinus fusicollis Bucorvus leadbeateri Lemur calla	WB0030 SF0004 BLB005 LC0009	M 4y M 7y F 8y	NR	9560000014 9680000051 Ripley	8143 NR Illescaus a O NR 4971 NR	disease spotted before death. Found dead in the AM, no symptoms of illness had been spotted prior to death but had been noted to bit the one most eating concentrates from the troughs in the house Long term scabbing on face, ears and genitals. Swelling of face, hair loss, lethergic, limited appetite, mites, Long term tentient didn't work, many tests done, problem continued. Animal became very weak lary Lethargic, not eating, beaten by other hornbills "Gus": no previous signs of illness. Abscess on inside of left leg for a long period of time, seemed more lethargic these past two days.	stomach and intestines were empty. Caecum was ful with normal faceal pellets in colon. No mesneteric LN enlargement. Spleen and kidneys appeared normal. Liver was sightly enlarged with areas of focal white spots suspicious of yersinia infection. Both lungs congested with motted hearmarnagic areas, small (3-5mm_grithy hard lumps dotted throughout the lung tissue – these maybe abscesses or parasitio cysts. In good BCS, no external signs of injury, there were no signs of pathology in the abdomen, all organs normal in eppearance, stomach normal ingesta, normal faces in rectum. Dramatic pathology in the thorax, in each lung there was a large area of haemorrhage where clotted blood had filled in to the thorax, in each lung there was a large area of haemorrhage where clotted blood had filled in to the main bronch and smaller airways, the unaffected lung areas were normal healthy pink colour. Trachea pink and normal. No other areas of haemorrhage noted int et body. BCS 2 (bit thin), and no external injuries seen. There was little pathology of note to see in the caracse, thorax NAD, abdomen NAD, stomach contained a lot of part digested concentrate with very little finder coating, it may have been selectively feeding and cleating hay, this may have perdisposed to an acidosis. There was a small area of inflammed SI with redipink fluid content - submitted for clostylidal toxins. Genearised demodex and malassezia infection No PM report IZVG: severe diffuse jaundice, disseminated intramuscular haemorrhages heart, diaphragm, abd and skeletal muscles, diffuse hepstopathy, multifiocal pulmonary haemorrhages, splenomegaly	Lung haemorrhages of unknorm origin. Enteritis Dermodex and malassezia Phypothermia, stayed outlisde in cold, wet weather, leave the poisoning in the cold of t	infectious infectious -fusbandry -fusbandry	pneumoria with similar bacteria, consistent not consistent with Yersinia. Aeromonas maybe significant NA NA NA Severe acute haemorrhages, primarily the heart and skeletal muscle, and other organs, one of three cases all similar. Many did but rodenlicide polsongin appears most likely.	NA Faeces negative for clostridial toxins NA NA NA NA NA Negative yersinia and other bacteria of interest	FRS

Date of	Date of PM	Taxa	Species	Species	ID	Sex Ag	je V	Veight (kg) Microchip	Location	Нх	Gross findings	Diagnosis	Calegory	Histology	Microbiology	Author
death 22/12/2018	24/12/2015	Avian other	Black vulture	Coragyps alratus	CAT018	M NF	1.5	956000001503612	NR	getting weak. It was found on the floor very wet. The bird was missing feathers on the head and neck and had bleeding injuries on face, head and back of neck Various wounds in body had been necked by other	clearly done by another vulture, the zone internally had ecchymoses and internal bleeding in the cervical vertebrae. There was damage to the skull and facial bones, damage to the wings and legs, bruises and	Cause of death severe injuries to head and neck, caused by blunt trauma, in this case attacked by other vultures. Normal behaviour on these vultures is to kill the weaks.	Conspecific injury	NA .	NA .	FRS
04400046	24/12/2015	Avian other		Larostema inca	CTI017	NR NR		- lun	ND	Flew into window	No PM report	Flew into window	RTA / Trauma	NA	NA .	No vet
26/12/2015			Southern screamer	Chauna torquata	CT0002	F NR	3.4	250229600025212	NR	Externally animal was wet, although she had access		Waterlogged / exposure	Husbandry	NA	NA .	FRS
27/12/2015	27/12/2015	Mammal Primate	Ring tailed lemur	Lemur catta	LC0119	F 7y	2.4	5 956000000819106	NR	She was quiet, had no appetite, she had separated herself from the group and spent most of her time curled up in the nest box. The day of death she had discharge from her vulva that was orange and had a yery strong odour.	IZVG PME: Moderate jaundice whole body, disseminated acute intramuscular haemorrhages heart, diaphragm and skeletal musculatrue, multiple	Rodenticide poisoning	Husbandry	moderate acute haemorrhages multiple tissues. Tissues for toxicology but not requested.	NA	IZVG
28/12/2015	28/12/2015	Mammal Primate	Ring tailed lemur	Lemur calla	LC0118	F 9y	2.5	95600000083999	Bear house ring tails	No treatment, no symptoms, found dead with blood	IZVG PME: Moderate jaundice whole body, disseminated acute intramuscular haemorrhages heart, diaphragm and skeletal musculatrue, multiple haemorrhages	Rodenticide poisoning	Husbandry	moderate acute haemorrhages multiple tissues. Tissues for loxicology but not requested.	NA .	izve
28/12/2015	03/01/2016	Mammal Other	Red squirrel	Sciurus vulgaris	SV0008	NR NR	NR.	NR	NR	Found dead partially eaten	Unable to perform - body been eaten	Open	Open	NA	NA .	No vet

de	ate of eath	Date of PM		Species	Species	ID	Sex	Age		Microchip	Location	Hx	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
		31/01/2014	Mammal marsupial	Red kangaroo	Macropus rulus	MR0063	F	7у	13.7	00-0667-2F2C	NR	Broken limb, loss of appetite, LA oxytet, dex steroids, broken ankle. This kanagroo had a break frauma to the left ankle region in 2010, it recovered but with limited use and serious limp. The region of the original trauma collasped and left the animal unable to walk and ir pain. The animal was seen by RB but it died soon after.	only a few months of age, the left leg was broken at the ankle joint, the animal was otherwise helathy. Food was found in the stomach, internal exam NAD,	Cause of death stress and dheydration caused by the trauma to the leg and inability to cope with pain of the the break	RTA / Trauma	NA NA	NA	FRS
01/	/02/2014	01/02/2014	Mammal Camivore	Giant otter	Pteronura brasilliensis	NA	NR	1d	NR	NR	NR	Pups born the day before but did not feed and died due to no food, this was the 4th litter from this female all resulting in the same death within 2 days	No PM report	Mismothering	Husbandry	NA	NA	FRS
01/	/02/2014	01/02/2014	Mammal Carnivore	Giant otter	Pteronura brasilliensis	NA	NR	1d	NR	NR	NR	Pups born the day before but did not feed and died due to no food, this was the 4th litter from this female all resulting in the same death within 2 days	No PM report	Mismothering	Husbandry	NA	NA	FRS
01/	/02/2014	01/02/2014	Mammal Carnivore	Giant otter	Pteronura brasilliensis	NA	NR	1d	NR	NR	NR	Pups born the day before but did not feed and died due to no food, this was the 4th litter from this female all resulting in the same death within 2 days	No PM report	Mismothering	Husbandry	NA	NA	FRS
01/	/02/2014	01/02/2014	Mammal Othe	r Black tailed prairie dog	Cynomys Iudovicianus	NR	F	NR	0.54	NR	NR	Wounds over body, the animal has beer found in the encisoure dead, it was covered in lesions caused by attack from other animal and wet in rain	In good ocndition towards fat, it was presented with suspected injuries that were consistent with an attack from another animal it was also very wet and muddy. Liver NAD, full gut, kindeys NAD, gall bladder NAD, lungs, trachea, heart NAD	Serious injuries to the body caused by attack by other animals. Wet weather hastened death.	Conspecific injury	NA	NA	FRS
13/	/02/2014	13/02/2014	Mammal Othe	r Little egret	Egretta garzetta	NR	NR	NR	0.25	MC000000607059	NR	dead, it was wet in the rain and partially	No food was found in crop nor gizzard, kidneys NAD, gall bladder NAD, lungs,	Cause of death loss of condition in very wet winter, hypothermia.	Husbandry	NA	NA	FRS
22/	02/2014	22/02/2014	Reptile snake	Burmese python	Pythin bivittatus	PM0055	М	12y	20.4	NR	NR	eaten by rats Prolapse, rotten sclaes underneath, not eatne for months, it died the day after it was reported ill.	trachea, heart NAD The snake as large and the front end was normal in every way, however the back end was rotten and necrotic and difficult to make any diagnosis. No food was found in the animal, the body was necrotic and was decomposing from the tail to the mid region approximately 2m into the animal. Lungs, trachea and hear NAD	according to the records for many months, the animi suffered collapse of the systems and due to possible weakness the rear end turned necrotic and caused the death.	Husbandry	NA	NA .	FRS
22/0	02/2014	23/02/2014	Avian anatida	Hooded merganser	Lophodytes cucullatus	NR	NR	NR	0.335	ZOOHD0079	Front bird quarantine	Been out in the aviary for too long so was muddy and water logged. Didn't seem to dry out whilst inside quarantine.	Bird was thin, very wet and covered in mud on presentation. Liver NAD. No food was found in crop, gizzard, kidneys NAD, gall bladder NAD, lungs, trachea, and heart NAD.	The bird had lost condition and was waterlogged and covered in mud outside in the aviary due to the wet conditions all winter, it clearly had not been eating and died of the consequences, concern over the condition of the others in the group given to the keepers.	Husbandry	NA	NA	FRS
23/0	02/2014	23/02/2014	Avian anatidae	Hooded merganser	Lophodytes cucullatus	NR	NR	NR	0.323	ZOOHD0053	Front bird quarantine	Been out in the aviary where it had got too damp and muddy,	Bird was thin, very wet and covered in mud on presentation. Liver NAD. No food was found in crop, gizzard, kidneys NAD, gall bladder NAD, lungs, trachea, and heart NAD.	waterlogged and covered in mud outside in the aviary due to the wet conditions all winter. It clearly had not been eating and died of the	Husbandry	NA	NA	FRS
28/0	02/2014	02/03/2014	Avian Galliformes	Yellow golden pheasant	Chrysolophus pictus	NR	М	NR	0,648	Blue GX	NR	by something. The animal had been	Bird was in good condition but suffering numerous injuries to the head and back	consequences. The bird had been involved in a very damaging fight with other males and died of the severe injuries and consequences	Conspecific injury	NA .	NA	FRS
02/0	03/2014	02/03/2014	Avian anatidae	Hooded merganser	Lophodytes cuculiatus	NR	NR	Juvenile	0.392	ZOOHD0191	Top quarantine		found in crop, gizzard, kidneys NAD, gall	The bird had lost condition and was waterlogged and covered in mud outside in the aviary due to the wet conditions all winter, It clearly had not been ealing and died of the consequences.	Husbandry	NA	NA	FRS
		02/03/2014		Hooded merganser	Lophodytes cucullatus	NR	NR	Juvenile	0,392	ZOOHD0091	Top quarantine	Thin and missing chest feathers,	Bird was thin and missing chest feathers in presentation, liver NAD, no food in crop, gizzard, intestines, kidneys NAD, gall		Husbandry	NA	NA	FRS
04/0	03/2014	06/03/2014	Mammal Primate	Hamadryas baboon	Papio hamadryas	PH0042	М	5у	14	NR	NR	Population control - euthanased with immobilon	No PM report	Euthanased population control	Management	NA.	NA	No vet
		06/03/2014	Mammal Primate	Hamadryas baboon	Papio hamadryas	PH0047	М	4y	16	NR	NR	Population control - euthanased with immobilon	No PM report	Euthanased population control	Management	NA	NA	No vet
		06/03/2014	Mammal Primate Mammal	Hamadryas baboon Hamadryas baboon	Papio hamadryas Papio hamadryas	PH0055 PH0058	M	3y 2y	14,5	NR NR	NR	Population control - euthanased with immobilion			Management	NA	NA	No vet
		06/03/2014	Primate	East African crowned crane		5561	,"	NR	NR	MC00-064DA433		Population control - euthanased with immoblion Swellting from infection on left foot, very warm, bird lame, dramatic weight loss over weeks of illness despite eating well. Enrofloxacin and meloxicam	Foot was very swollen, warm and ird as	Cause of death was possible septicaemia from either an infectious synovitis or	Management nfectious	NA NA	NA Mixed faecal flora - faecal swa	No vet
07/0	3/2014		Avian anatidae	Tufted duck		NR	М	NR	NR	White band on right leg		New one from big shipment, released from house onto lake, very wet as no waterproofing to feathers, died	Bird was in excellent condition but totally	Cause of death was hypothermia from H waterlogging	Husbandry	NA	NA	FRS
	3/2014		Avian other	Cattle egret	8	NR	NR	NR	0.4	ZOO PRAHA 099 (left leg)		to eal. Wet in the rain.	Bird as in very bad condition, very thin and dehydrated. Liver NAD, no food was found in crop and gizzard, Kidneys NAD, gall bladder NAD. Duodenum has some content and it had a torsion and necrolic section where the food couldn't get through. This content had a rotten smell and the rest of the intestines were empty all the way to the cloaca.	Probably gastric torsion, volvulus and consequent starvation and dehydration	Anatomical	NA	NA	FRS
11/03	3/2014 1	3/03/2014	Avian other	Greater rhea		NR	UNK	Young	NR	981100002797091		Was put out on the field for the first time and broke his leg (complete fracture),	Bird was in good ocndition, leg was broken below the ankle joint, liver Nad, food in crop, gizzard and intestines, kidneys NAD, gall bladder NAD,	Leg break, loss of blood and stress (JC - euthanased in notes)	RTA / Trauma	NA	NA	FRS

Date deat		Date of PM	Таха	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
		18/03/2014	Avian analidae	Tuffed duck		NR	M	Very old	0.3	Right leg green band	NR	Found in the lemur corridor, unknown cause of death.	Bird was in bad condition, very thin, head eaten away with little left, rest of body untouched. Liver NAD, food content was found in crop, gizzard and intestines. Kidneys NAD, gall bladder NAD.	Probably from weasal or stoat attack	Predation	NA	NA	FRS
18/03	3/2014	18/03/2014	Avian analidae	Ne-ne	Branta sandvicensis	NR	F	NR	1.75	Red ZV	NR	Internal reproductive organs hanging down and not herself, standing still with eyes half shut, got progressively worse for the next hour until time of death.	The goose was in reasonable condition, it showed severe prolapsed of the cloacal	Causeo fdeath severe prolapse of cloacal region, loss of blood, caused by egg binding internally	Anatomical	NA	NA	FRS
19/03	3/2014	19/0314	Avian anatidae	Ne-ne	Branta sandvicensis	NR	М	10y	1.7	Red RA	NR	None, seemed fine the day before and	Food was found in crp and fizzard, internal exam NAD	Probably caused by old age and constant wet challenging weather	Husbandry	NA	NA	FRS
23/03	3/2014	24/03/2014	Reptile tortoise	Spur thighed tortoise	Testudo graeca	NR	F	NR	2.05	956000008264102	NR	was eating fine Very lethargic	No PM report	Open	Open	NA	NA	No vet
27/03	3/2014	27/03/2014	Mammal	Brush tailed bettong	Bettongia penicillata	BP0080	F	4y	0.75	956000008250626	NR	Infection in the pouch and ears, pen	No PM report	Open	Open	NA	NA	No vet
28/03	3/2014	28/03/2014	marsupial Avian	Reeves pheasant		NR	F	NR	0.8	Green GA	Bush area	strep administered. Flew into mongoose enclosure and was	No PM report	Predation	Predation	NA	NA	No vet
30/03	3/2014	07/06/2014	Galliformes Mammal	Brush failed bettong	Bettongia penicillata	BP0112	F	2m	0.8	956000003120582	NR	killed and eaten NR	Good BCS, some bloody discharge from	Possible pneumponia, hydrothorax, pleuritis	Infectious	NA	NA	FRS
			marsupial									-	nose, stomach and intestlines had some food content, caecum and large intestines with regular content, liver had yellow borders, fat deposits around kidneys and mesentery, fat around heart, fluid in thoracic cavity, white spots in lungs indicating infection	due to a respiratory infection				
01/04	1/2014	02/04/2014	Mammal Chiroptera	Rodrigues Fruit Bat	Pteropus rodricencis	PR0121	М	NR	0.4	968000004221555	NR	"Zanda" this bat has no signs of injury, illness or damage - a normally healthy	No PM report	Open	Open	NA	Staphylococcus aureus mouth swab	RB
03/04/	1/2014	03/04/2014	Mammal Hoofstock	Giraffe	Giraffa camelopardalsi	GC0019	F	44d	80 (est)	956000003196607	NR	animal. Dislocated left hip 09/03/14, euthanased. Managed cpnservatively to see if would form a pain free fibrous false joint. No improvement over the past three weeks. The joint was	No PM report	Euthanased - dislocated hip	RTA / Trauma	NA	NA .	RB
			2									obviously riding upwards on the rar occasions she attempted to put Welgh on that leg, she was suckling OK and moving around but would stand for long periods in one position, resting the left leg and looking uncomfortable I decided to euthanase on humane grounds.						
04/04/	/2014 0	5/04/2014	Avian anatidae	Ferruginous duck		AA0005	М	NR	0.281	NR	NR	No clinical signs noted, found dead in the mornign so died overnight, was fien the previous day with no signs of illness.	No PM report	Open	Open	NA	NA	No vet
08/04/	/2014 0		Mammal Primate	Common squirrel monkey	Saimiri sciureus	SS0043	М	6m	0.3	956000001539692	NR	Very lethargic, eyes wuite heavy, very skinny and moving around via parents back os had little energy, breathign was rapid. Fluids, CCF, pen strep	extenral signs of injury or disease, there	Septicaemic condition	Infectious	NA	Profuse growth of mixed anaerobes	RB
09/04/2	2014 10		Avian Psittacine	Scarlet macaw	Ara macao	NR	М	NR	1	981100002928232	NR	Loss of appetite, thin	Faeces in lower GIT were of normal consistency, very little contetn in upper GIT. Liver enlarged with many small white	Cause of death liver failure, likely yersinlosis	Infectious	CTDS" Hepatitis, necrotising to granulomatous, makred with myriad intralesional bacteria.	Liver profuse proteus growth	RB
16/04/2	2014 17	7/04/2014	Reptile tortoise	Leopard tortoise		NR	F	NR	1.45	956000001541117	NR	No known symptoms	No PM report	Open	Open	NA	NA	No vet
17/04/2	2014 17	7/04/2014	Reptile tortoise	Spur thighed tortolse	Testudo graeca	NR	F	NR	0.8	956000001540008	NR	No known symptoms	No PM report	Open	Open	NA	NA	No vet
21/04/2	2014 21		Mammal Primate	Ring tailed lemur	Lemur catta	LC0077	М	23d	0.15	NA	NR	Drowned in pond	In reasonable BCS, no signs of traumatic injury, evidecne in both lungs of pneumonia, patches of inflammed abnormal tissue in both lungs, no food in stomach nor SI and normal faeces in rectum	Pneumonia	Infectious	NA	NA	RB
22/04/2	2014 22		Mammal Primate	Common squirrel monkey	Salmiri sciureus	SS0035	F	2y	0.35	95600008247983	NR	move much from weakness. Large	No gross abnormalities visible in the chest	Actual cause of death unknown but suspect it must be linked to this mass in the throat - pasteurellosis from bile wound suspected.	Infectious	Fibrinosuppurative cellulitis/sialodenitis with ooccobacillary bacteria, likely pasterurellosis from bile wound.	Proteus, nonhaemolytic E.coli and Pasteurella multocidia	
22/04/2	2014 22	//04/2014	Avian other	Caribbean flamingo	Phoenicopterus ruber	PCR027	NR	NR	NR	958000001378300	Flamingo house	Found dead in the flamingo house, looked veryt hing, no signs of injury.	Thin BCS, very obvious pathology rstricted to the kidneys, grossly swollen and mottled with many small white micro abscesses (JC - actually gout)	Kidney failure	Anatomical	IZVG: amyloidoisis, renal gout	NA	RB / IZVG
23/04/2	2014 09		Mammal (Primate	Gentle lemur	Hapalemur griseus alaotrensis	NR	М	13y	0.9	NR	NR	"Feno": significant weight loss, irregular appetite, weakness and instability. Penstrep x8d, prednisolone x3days.		Chronic kidney failure	Anatomical	NA	Proteus, nonhaem E.coli - chin	RB
23/04/2	2014 23	/04/2014	Avian anatidae N	vle-ne	Branta sandvicensis	NR	NR	6у	1.95	968000003764525	NR	Euthanased. No signs of injury, found in bush area at 12pm	Gross egg peritonitis with 2 intact egg yolks and approx 25ml liquefied egg yolk present in the abdomen, all other organs normal. The bird was fat with normal faeces.	Shock from ruptured oviduct and egg peritonitis	Anatomical	NA	NA	RB
				when whistling dust		1			0.55	Cilver hand 2040	ND	F t - t - t - M-d	No PM report	Open	Open	NA	NA	No vet
23/04/20	2014 26/		Avian anatidae F Mammai C		Saimiri sciureus	and the same of th		NR NR	0.55 NR	Silver band 2840	NR	Found eaten in Madagasacar area	Its body looked like it had drowned and it		Open	NA	NA	FRS

. Date of death	Date	ofPM	Taxa	Species	Species	1D	Sex	Age	Weight (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
	14 24/04		Avian Sphenisciform es	Humboldt penguin	Spheniscus humboldti	SH0011	М	6у	2.8	96800000315286	NR	damaged eye and took in a lot of water.	Thin BCS, gross pathology confined to the lungs. Both lungs were completely severely affected by yellow necrotic pneumonia and pleurisy, no normal lung tissue visible anywhere.	y	Infectious	NA	E.coli, clostridia, candida - all sparse growth	FRS
26/04/201	14 26/04	4/2014	Mammal Primate	Ring tailed lemur	Lemur catta	LC0147	М	Зу	2.9	956000001233519	NR		The lemur got into the tiger enclosure and s was mauled by tiger. It was found with puncture wounds to abdomen and back right leg, all abdominal organs were externally exposed. No need for further investigation	Mauled by tiger	Conspecific injury	NA	NA ,	FRS
06/05/201 11/05/201		5/2014	Avian anatidae Avian Psittacine	North American Wood duck Sulphur crested cockatoo	Aix sponsa Cacatua galerita	NR CGA001	NR M	3y 32	NR 0.362	Red UF NR	NR NR	amounts of water dribbling out of his beak, loss of appelite and balance	No PM report Body in thin condition, trachea, lungs and heart in normal condition, the bird had a ful oesophagus, the crop was also full of food and water, there was also a large amount o food in the gizzard. Gizzard was dissected and strange balck seed undigested was found blocking the passage into the small intestine, small insteines and rest of digestive system was empty.	l.	Conspecific injury Anatomical	NA NA	NA NA	No vet FRS
	16/05/	5/2014	Avian other	Turkey vulture	Cathartes aura	CAV008	М	2y	1.9	NR	NR	Injury to left wing suspected attack from condor, returend to main aviary and suspected second attack, wing no improvement and muscle damage to legs, not using them, weight loss, isolated for a week for treatment, euthanased, no need for further investigation	No PM report	Attacked by condor	Conspecific Injury	NA.	NA	FRS
14/05/201			Mammal marsupial	Western grey kangaroo	Macropus fulliginosus	MF0074	М	10y	NR	98700000620721	NR	Foot infection for several months, treater with antibiotics on several occasions but the infection did not cease, the foot infection was getting worse despite the use of topical iodine, it became an infectious granuloma with fibrosis. Animal started losing weight in the last two months, had difficulty moving around and in obvious pain.	When dissecting the granuloma into P3 the bone was found broken into splinters either due to infection or an old injury	Necrosuppurative pododermatitis	Infectious	Necrosuppurative pododermatitis	NA NA	FRS
16/05/201	4 16/05/		Mammal marsupial	Patagonian crested duck	Lophonetta specularioides	CD0336	М	NR	1	Blue CH	NR	None prior to death, eating well 15/05, not thin at all, no obvious wounds or injuries	Coleomic viscera NAD, broken left pubis bone was fractured in two sections, no food in GIT	Possible lack of feeding, pain and immobility due to fractured pelvis	RTA / Trauma	NA	NA	FRS
17/05/201	4 17/05/		Mammal Primate	White belted ruffed lemur	Varecia variegata subcincta	NA	NR	10d	NR	NR - dam VV5007 Maelle	NR	Had back leg bitten off on 15/05/14 and had middle finger on front right hand bitten off, no meds administered, found dead in outside catchment. DOB 27/04/14		Bitten by own motehr or other adult lemurs	Conspecific injury	NA	NA	FRS
20/05/2014	4 20/05/2		Mammal Hoofstock	Reindeer	Rangifer tarandus	NA	F	4d	4.15	NA	NR	Not feeding from mother, very weak and not holding head, unsteady on legs,	Calf became weaker and died, no need for further investigation	Mismothering	Husbandry	NA	NA	FRS
23/05/2014	4 23/05/2		Avian Psittacine	Military macaw		NR	NR	NR	NR	9560000002590280	NR	very lethargic, with its wings and head	Animal was very skinny and dehydrated, loose stool was seen on feathers around the cloaca, there was food content on crop, provenetriculus, and gizzard, gizzard content was very green. Liver was a greenish colour with necrotic and inflammation signs, lungs, heart and kidneys were normal.	Psittacosis	Infectious	NA	Faeces: profuse nonhaemolytic E.coli, C.psittaci qPCR positive (moderate livel)	FRS
26/05/2014		r	marsupial	Brush tailed bettong	Bettongia penicillata	NR	F	2220	0.15	956000003038192	NR	Possible blocked airways, appeared to be fitting.		Open	Open	NA	NA	No vet
27/05/2014		ŀ	Hoofslock	Reindeer		RT0002	E		75	NR	NR	shallow breathign and non-responsive, calcium, finidine and tribrissen, nursing a 3wk old calf	disease, significant findigns at PM were confined to a section offejunum, red purple in coloour for approx 60cm in mid St, contents were red/brown/bloody in appearance, rectal contents runny and green in colour, approx 30ml of red/purple fluid free in teh abdomen, all organs in abdomen and chest were grossly normal. Acute toxaemia, possibly clostridial in origin is suspcted	_	Infectious	NA	Negative clostridial toxin screen	RB
28/05/2014		r	narsupial		Macropus parma	MP0061			3.2	968000003751153	NR	No history	Looked in good condition and was carrying an immature young in her pouch which was also dead, the right top mammary gland was swollen and looked inflammed. No food on stoamch or SI, however caecum and colon were full, liver NAD, kidneys and bladder Nad, 4mm cyst was found in left uterus, heart NAD, lungs had signs of inflammation and infection, with white pus marks		Infectious	NA	NA	FRS
01/06/2014	31/05/2	C	Chiroptera	Rodrigues Fruit Bat Reindeer	8 5 8 922	PR0205 NR		1	0.283 9.1	956000001500661 956000003038244	Tropical house	No symptoms seen			Open	NA	NA	No vet
16/06/2014		H	łoofstock			NR			0.231	956000001518725	NR	Motehr died, reluctant to take milk from keepers Found dead in bat house AM, has been		- Section 1000 Section	Husbandry Open	NA NA	NA NA	No vet
19/06/2014		2014 N	hiroptera		Varecia variegata variegata	VVV002	F			MC00-01E6-4D05	NR	chewed by rats Very weak, poor condition of fur, weight loss, reduced appetite, hypersensitive	Very thin, no food content in stomach nor intestines, no food Intake for 24-48 hours, liver normal, heart NAD, pneumonia in both tungs		Infectious	NA NA	NA .	No vet
23/06/2014	23/06/2	2014 R	teptile tortoise	Red footed tortoise		NR	М	NR	3,05	956000001516643	NR		No PM report	Open	Open	NA	NA	No vet
28/06/2014	28/06/20	2014 A	vian other S	Sun bittern	Euryphaga helias	NR	F	8y	0.113	Metal 3887	NR	Bird was found dead and wel inside aviary		Cause of death lack of feeding and possible starvation, this type of bird belongs to tropical weather she was wet and not being eating properly for a long time		NA	NA	FRS

Date of death	Date of PM	Taxa	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
	28/06/2014	Avian other	Night heron	Nycticorax nycticorax	NR	М	Adult	0.329	Blue BD	NR .	Beak badly broken, also very thin. Was kept in vet room for 2 days, in very poor condition, very thin and not able to eat.		Lack of feeding and starvation, due to broken beak	RTA / Trauma	NA	NA	FRS
16/07/2014	17/07/2014	Avian Galliformes	Blue eared pheasant	Crossoptiion auritum	CA1001	М	2y	NR	Green GF	NR	Very thin unable to balance not eating.	Animal was in very poor condition, very thin, liver NAD, no food in crop, some food in gizzard, kidneys NAD, gall bladder NAD, lungs, trachea, heart NAD, over 15 abscesses were found attached nuscle over cervical vertebrae, different sizes, very defined pus sacs, pus sent for culture	Septicaemia caused by several abscesses - E.coli	Infectious	NA	Pure growth of haemolytic E.col	i FRS
18/07/2014		Mammal	Reindeer	Rangifer tarandus	NR	F	2y	45	NR	NR	Loss of lower back right leg - no further	No PM report	Loss of right hind	RTA / Trauma	NA	NA	No vet
22/07/2014	22/07/2014	Hoofstock Mammal	Rodrigues Fruit Bat	Pteropus rodricencis	PR0150	М	NR	0.237	956000001198815	NR	notes No hx	No PM report	Open	Open	NA	NA	No vet
22/07/2014	24/07/2014	Chiroptera Mammal Othe	r Red squirrel	Sciurus vulgaris	NR	М	NR	0.5	MC0006133E5D1	NR	Unseen for three days, bees nest in enclosure, found dead on floor of	No PM report	Open	Open	NA	NA	No vet
25/07/2014	25/07/2014	Mammal Primate	Tufled capuchin	Sapajus apella	CAA007	F	13y	1.7	250229600049024	NR	enclosure partly eaten by rats Monkey was found lethargic and depressed, she died 4 hours later.	ecchymosis, consistent with a blunt trauma most likely from a fall from a height onto a branch or similar, this ecchymosis was observed on the right side of the abdomen and lwoer chest. Due to the abdominal and lower chest blunt trauma damage to the	necessary, due to no signs of other illnesses or infectious diseases, specifically diseases noted on the balal directive. The balai check sheet followed and no further investigation were deemed	RTA / Trauma	NA	.NA	FRS
07/08/2014		Mammal marsupial	Swamp wallaby	Wallabia bicolor	WB0053	М	NR	NR	968000004258645	NR	Swelling to RHS face, weight loss, antirobe and tribrissen daily. Old animal with chronic molar infection for years, treated on several occasions but infection persisted, started losing weight and being lethargic a few months ago althoung it was eating fine, swelling fo the right hand side of the face with a bad odour and obvious pain were observed.	to the maxilla bone, necrotic tissue around teeth and gum, fibrotic granuloma and teeth decay were	Death due to septicaemiadue to chronic infection (JC necrobacillosis)	Infectious	NA	NA	FRS
08/08/2014		Avian other	Black vulture	Coragyps atratus	NR	NR	NR	1	956000001515560	Quarantine	No hx	No PM report	Open	Open	NA NA	NA	No vet
09/08/2014	09/08/2014	Avian other	Greater rhea		NR	М	NR	30	956000003106934	NR	Stressed from release into bush area the previous day	No PM report	Open	Open	NA	NA	No vet
09/08/2014	09/08/2014	Avian other	Greater rhea		NR	М	NR	30	956000003039091	NR	Fell into the mineshaft and had got stuck, got very cold and couldn't move legs	No PM report	Trauma	RTA / Trauma	NA	NA	No vet
10/08/2014	10/08/2014	Mammal	Fennec fox	Vulpes zerda	VZ0008	F	14m	1.2	NR	NR	Head stuck in mesh fence	No PM report	Head stuck in mesh fence	RTA / Trauma	NA	NA	No vet
11/08/2014	11/08/2014	Camivore Avian other	Black vulture	Coragyps atratus	NR	NR	NR	1.1	956000001500350	Quarantine	Loss of use of left leg for a couple of days, lethargic, not feeding bu itself. Suspected nerve damage, (? Died/euthanased) - collected by defra	No PM report	Open	Open	NA	HIA negative	No vet
14/08/2014	15/08/2014	Avian	Monal pheasant		NR	F	NR	NR	NR	NR	Found dead with head missing on the	No PM report	Decapitation - presumed predation	Predation	NA	NA	No vet
21/08/2014	21/08/2014	Galliformes Mammal marsupial	Brush tailed bettong	Bettongia penicillata	BP0113	F	3m	0,5	MC000002965126	NR	new site Found dead in enclosure, no prior symptoms noted	PM unremarkable, no gross findings anywhere. No food content in the stoamch or most of the intestine, indicating not eaten24-48hrs	Starvation	Husbandry	NA	NA	RB
22/08/2014		Avian Psittacine	Military macaw		NR	NR	NR	0.95	MC0001CDCA39	NR	treatment for a week with a swollen eye, had improved in condition and bird had been feeding OK, on 21/08 signs of resp difficulty and a swollen neck was noted, died overnight	Swelling was just air in crop and gullet, 3 bright green/yellow pea-sized seeds in distal end of oesophagus and more same colour in gizzard but ground up, normal faeces in colon/cloaca, semi yellow solid content in SI, resp system nromal, all abdominal organs grossly normal. Samples sent off		Open	Liver normal	Faeces - E.coli	RB
05/09/2014	05/09/2014	Avian analidae	Ferruginous duck	34	NR	NR	NR	0.279	Red CR	NR	palce by tapir hours, brought inside and was eating well then decreased and activity decreased, sudden death	Thin in condition, pallid muscles, no food in stomach or intestines, cloaca was dilated and a blocked vent was found, dry faecal material was blocking the passage from cloaca to vent, viscera normal		Open	NA	Faecas NAD, some candida	FRS
09/09/2014	=	Avian other	Black vulture	Coragyps atratus	NR	NR	NR	1.5	вмк нх	NR	just out of quarantine for a week. It was very young and found on the floor very depressed and wet. The bird was missing feathers on the head and neck and had bleeding injuries on face, head	around the head, neck and face, this was clearly done by another vulture, the zone internally had ecchymosis and internal bleeding in cervical vertebrae, there was damage to skul and face bones. No further investigations were done or necessary due to no other signso fo illness or infectious diseases.			NA -	NA .	FRS
12/09/2014	12/09/2014	Mammal marsupial	Brush tailed bettong	Bettongia penicillata	NR	F	NR	NR	956000008247637	NR	Sneezing, seizures, possible toxoplasmosis nervous system symptoms, diarrhoea last day, tribrissen	Externally animal looked skinny and faeces covering tail, back legs. Internally there was no food content in GIT which means animal did not eat for 24-48hrs. There was mucus diarrhoea in colon, liver and spleen looked en		Open	Brain and lung - no diagnosis made IZVG	NA	FRS

No. Date death		Date of PM	Taxa	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
78 16/0s	9/2014		Mammal Hoofstock	Lowland tapir	Tapirus terrestris	SL0050	F	NR	NR	"Libby"	NR	night something, unknown had occurred	There was only one area of injury apparente on her body, the top incisor teeth had beer droken out of the gum, there was some haemornhage from this area and also some blood coming down both nostrils, internally all abdominal organs were grossly normal in appearance with normal faeces in the rectum and plenty of food in the stomach, the heart appeared grossly normal, the lungs were heavy, full of blood and red/purple in appearance with no normal light pink inflated areas of lung tissue, this pulmonary congestion was undoubtedly the cause of death, this may have been cause by repeated electric shokes from the electric fence affecting the heart pacemaker resutiling in arrythmia and subsequent signs of right heart failure with blood pooling in the lungs	s s d	Husbandry	NA .	NA	RB
79 17/09	9/2014		Mammal Primate	Tufted capuchin	Sapajus apella	CAA003	F	19y	1.7	NR	NR	Vomiting, lethargy, mucous from the nose for 2 days, nothing seen prior to that, 2 days of baytril injections and SC fluids.	IZVG: extensive acute SC, IO and submeningeal haemorhage head, focal thrombosis aorta, ulcerative gastritis.	Acute cranial trauma - likely fall following aortic thrombus	Anatomical	fibrinosuppurative pneumonia, fibrinous thrombosis aorta, hepalitis, gastritis	NA	IZVG
80 17/09	2014		Reptile tortois	e Spur thighed tortoise	Testudo graeca	NR	F	NR	0.103	"Lealea"	NR	Lethargic and reluctant to eat	No PM report	Open -	Open	NA	NA	No vet
82 18/09	9/2014	18/09/2014	Avian Galliformes	Golden pheasant		NR	М	NR	NR	Blue TV	NR	Was a bit thin the day before it passed away but had been kept inside, possible drowning as was found in the lake	The bird as in vetsroom for a few days due to some wound and injuries to the head an neck, clearly done by another bird. He recovered well and was let outside, it was found dead in pond few days later. Bird wa thinit condition, missing feathers on head and neck, severe injuries done by another bird in cervical area. From the inside severe haematoma were observed all around the neck with exanguination, blood clots and vvertebrae damage. No need for further investigation.	d another bird	Conspecific injury	NA	NA	FRS
83 19/09/	/2014	19/09/2014	Avian Psittacine	Blue and yellow macaw	Ara ararauna .	AA0052	F	13y	0.85	NR	NR	"Lorena": found dead under a bamboo plant in the main aviary, beak was wedged between stems	Bird was in good BCS, diarrhoea evidecne at base of the tail, no other external abnormalities, enlarged liver, friable with focal necrosis, enlarged spleen, enleritis of anterior SI and caecal cores, haemorrhagic GIT, food content on gizzard, heart, lungs, NAD, air sacs clear.	Suspect due to bacterial infection causing enteritis (salmonella symptoms)	Infectious	NA	Salmonella sp isolated (no evidence that was typed), Chlamydia negative	FRS
84 21/09/	/2014	21/09/2014	Avian other	Night heron	Nycticorax nycticorax	NR	М	NR	NR	528210002625033	NR	Found dead in aviary and had been partially eaten by vultures,	No SC fat layer, no falciform fat and no omental fat therefore would actually classif as emaciated, liver gall bladder distended with dark green sludge, kidneys Nad, GIT very small amount of dark green fibrous digesta and a small number of grains in proventriculus, limited coloured liquid digesta in SI, some soft light brown faecal pellets in distal LI, heart and lungs NAD	Emaclation	Husbandry	NA	CTDS faecal microbiology no bacterial pathogens isolated	FRS
22/09/	/2014	27/09/2014	Avian Psittacine	African grey parrot	Psittacus erithacus	PEE008	F	13y	NR	NR	NR	Salmonella	Bird in good BCS, well muscled, evenly feathered, wing, tail and ventral plumage are unremarkable, eosphagus and crop with no food content, wrinkled grey mucosa with mild depostis of mucus, some green seeds found in gizzard. No food content in small or large intestines, dark pink mucosa, empty cloac. Liver friable, enlarged with visible haemorrhage, resp system blood clots in lumen of trachea, lungs both with haemorrhage, heart normal, enlarged spleen, kidneys normal, quiescent ovary	Severe haemorrhage in lungs, bronchi and trachea, enteritis , liver haemorrhage.	Infectious	NA	Salmonella sp Isolated (no evidence that was typed), Chlamydia negative	FRS
36 22/09/2	2014	06/10/2014	Mammal	Black and white ruffed lemur	Varecia variegata variegata	VVV076	NR	5m	1.5	956000002952516	NR	Bleeding from back end, fluids and	No PM report	Open	Open	NA	NA NA	No vet
37 24/09/3	2014 2	24/09/2014	Primate Avian Psittacine	Blue and yellow macaw	Ara ararauna	AA0061	F	ву	1.024	956000008229889	NR	enrofloxacin "Chico" found dead on floor of aviary under walkway, appeared to have fallen from perch, congealed blood in throat	IZVG: acute severe haemorrhage lungs, trachea, bronchi, airsacs, acute haemorrhage and rupture liver, chronic feather loss and regrowth dorsl body and head,	Salmonellosis	Infectious	Fibrinous hepatitis, haemorrhagic Interstitial pneumonia, air sacculitis	Salmonella sp (group B) - S. typhimurium sib genus 1 serogroup Bm ohage type 41b frequently rodent associated	, .
38 24/09/2	2014	03/10/2014	Mammal Primate	Hamadryas baboon	Papio hamadryas	PH0046	М	NR I	NR	NR	NR	Population control - euthanased	No PM report	Euthanased population control	Management	NA	NA	No vet
9 24/09/2			Mammal Primate	Hamadryas baboon	Papio hamadryas	PH0058			NR	NR	NR	Population control - euthanased n JC please note already killed 04/03/14	No PM report	Euthanased population control	Management	NA	NA	No vet
24/09/2		03/10/2014	Mammal Primate		Papio hamadryas	PH0060			NR	NR	NR	Population control - euthanased	No PM report	Euthanased population control	Management	NA	NA	No vet
1 24/09/2	E3-E10/VS U1	03/10/2014	Mammal Primate	Hamadryas baboon	Papio hamadryas	PH0061	1000		NR	100000	NR	Population control - euthanased	No PM report	Euthanased population control	Management	NA	NA	No vet
2 24/09/2		03/10/2014	Mammal Primate	Hamadryas baboon	Papio hamadryas	PH0062			NR		NR	Population control - euthanased	No PM report	Euthanased population control	Management	NA	NA	No vet
27/09/2	2014 2	27/09/2014	Avian Psittacine	Scarlet macaw	Ara macao	NR	F I	NR (0.948	"Apache"	INR	Lethargic, fluffed up, quiel. Found dead in cage in vet centre, no visible wounds, etc, secretion like phiegm from beak.	Bird was in good BCS, diarrhoea evidence on base of tail, mucus secretions from beak, no signs of wounds or injuries, enlarged friable liver, focal necrosis, small liver abscesses, enlarged white pancreas, enlarged spleen, enteritis of anterior SI and caecal cores, food content in crop, white seeds and peanuts, heart pericardial haemorrhages, lungs, trachea and air sacs clear.	Salmonellosis	Infectious	NA	Salmonella sp isolated (no evidence that was typed), Chlamydia negative	FRS
27/09/2	2014 2		Avian Psittacine	Blue and yellow macaw	Ara ararauna	AA0062	M 1	Oy C	9.975	956000008250249	NR	quiet, some semi transparent liquid in	Enlarged liver, friable with focal necrosis, enlarged spleen, enteritis of anterior SI and caecal cores, yellowish greensih mucus content in crop, oesophagus, proventriculus and intestines, food content on gizzard, white seeds, expandaed gall biadder Heart NAD, lungs diffuse acute haemorrhage in both lungs, air sca clear, trachea greenish mucus secretions.		Infectious	NA	Salmonella sp isolated (no evidence that was typed), Chlamydia negative	FRS

	Date of death	Date of PM	Taxa	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Location	Hx	Gross findings	Diagnosis	Category	Histology	Microbiology	Author
		29/09/2014	Avian Galliformes	White eared pheasant	Crossoptilon crossoptilon	CCR001	F	NR	NR	273AP1214	Bush	Bird found dead in bush area with no previous signs of illness	Animal was in good body and muscle condition, feahlers missing on head, face and neck, no signs of wounds or injuries. Thick layer of SC fat, wing, tail and ventral plumage unremarkbale, thick fat deposits around all internal abdominal organs, fatty liver, food in GT, heart enlarged and covered in fat	Acute heart failure due to inappropriate long term diet, especially high cholesterol intake		NA .	No salmonella, no chlamydia, no bacterial pathogens isolated	
0	03/10/2014	03/10/2014	Avian anatidae	North American Wood duck	Aix sponsa	NR	F	NR	NR	Red DJ	NR	Bird was found dead with no previous condition or signs of illness	Bird was in very good body condition, feathers in good condition, no external signs of wounds or injuries, thick layer of SC fat. Liver enlarged and fatty, very large gall bladder with big amount of green content, thick layer of fat tissue around all abdominal organs, no food found in GIT, lungs, trafhea, NAD, heart surrounded by fat	Hepatic lipidosis	Husbandry	NA	NA	FRS
C	95/10/2014	06/10/2014	Mammal marsupial	Brush tailed bettong	Bettongia penicillata	BP0092	F	Зу	1	956000008250964	NR	Swollen, infected nose, breathing very weezy and sneezing a lot, condtion of skin and fur very poor and dirty, had sores on bottom of feet. Tribrissen sid 14 days then endramissen 7d, bathe in skin scrub, feed julcy fruits and keep indoors in warm dry area.	nostrils, infected purulent wound on base of tail and feet, signs of diarrhoea around anus, stomach had some food, profuse enteritis observed along GIT, liver and gall	Cause of death was septicaemia caused by major wounds and inability to respond to treatment	Infectious	NA	NA .	FRS
O	8/10/2014	08/10/2014	Avian anatidae	Black swan		NR	F	NR	NR	Yellow band left leg	NR	Very thin and unsteady on feet, brought inside in AM, tuber fed emerald, keep warm and tube feeding.	Animal very thin, no signs of wounds nor injury, poor muscle condition, ententis observed in GIT, mucus content, proventriculus contained emeraid from day before, grass seeds in gizzard, some haemorrhage spots on lungs, appeared to be infected showing mucus inside alveoll.	Suspected salmonellosis due to park history	Infectious	NA	Salmonella sp Isolated (no evidence that was typed), Chlamydia negative	FRS
2	0/10/2014	21/10/2013	Avian Galliformes	Golden pheasant	Chrysolophus pictus	NR	М	1y	NR	NR	NR	Attacked by other birds, had previously been attacked by other birds, stress, lack of food, vsible wounds, massive bleeding to death.		Conspecific injury	Conspecific injury	NA	NA	No vet
2	4/10/2014	24/10/2014	Avian Psittacine	Blue and yellow macaw	Ara ararauna	AA0055	М	NR	NR	NB08NL14 06PGC1	NR	Difficulty in breathing, very raspy, decreased appetite, sporonox and enrofloxacin	Good BCS, no other external abnormalities, liver NAD, some food content in GIT, kidneys NAD, gall bladder NAD, heart some haemornhage on right atrium, lungs had multifocal pus infection - pneumonla, air sacculitis observed, trachea white mucus in trachea and nostrils	Respiracity tract infection, acute airsacculitis and pneumonia	Infectious	NA	No salmonella, no chlamydia, no bacterial pathogens isolated	FRS
30	0/10/2014	31/10/2014	Avian anatidae	Common pochard		NR	F	NR	NR	7458 metal band	NR	Species ID not confirmed, most of body had been eaten	No PM report - body eaten	Open	Open	NA	NA	No vet
		07/11/2014	Avian anatidae	Proceedings of the contract of	Sarkidiomis melanotos	SM0001	М	1y	NR	THD 0037	NR	Trauma	No PM report	Trauma	RTA / Trauma Open	NA NA	NA NA	No vet
		06/11/2014	Avian Galliformes	Lady Amerst's pheasant	Chrysolophus amherstiae	NR	М	NR	0.48	Red Ek	NR	Not eating, underweight	No PM report	Open	1.3	13.7		No vet
10	0/11/2014	10/11/2014	Avian other	Inca tem	Larostema inca	NR	F	1y	NR	Yellow band left 36E1173 blue right	NR	Unable to perform PM body eaten	No PM report - body eaten	Open	Open	NA .	NA .	
1	1/11/2014	11/11/2014	Avian other	Inca tern	Larostema inca	LT1010	М	1y	NR	Purple on left, blue 32E1173	NR	Poor flight, lack of alertness the previous night.	No PM report - body ealen	Open	Open	NA	Bacteriology - no pathogens isolated	No vet
15	5/11/2014	15/11/2014	Avian	Golden pheasant	Chrysolophus pictus	NR	М	NR	NR	Red UH	NR	Found dead in the mine shaft, cause of	No PM report	Open	Open	NA	NA	No vet
15	9/11/2014	19/11/2014	Galliformes Avian other	Inca tern	Larostema inca	LT1009	F	1y	0.128		NR	death possibly drowned Body eaten by rats unable to perform PM	No PM report - body eaten	Open	Open	NA	NA	
09	0/12/2014	09/12/2014	Avian other	Black vulture	Coragyps atratus	CAT019	M	NR	NR	6E11736 956000001538212	NR	No history	One of two on same PM report - birds were in bad condition, very thin and very wet and muddy, liver NAD, no food at all was found in crop, gizzard or GIT, kidneys NAD, gall bladder NAD, lungs and trachea liquid content in respiratory tract, heart NAD.	Cause of death hypothermia	Husbandry	NA	No salmonella, no bacterial pathogens isolated	FRS
11	/12/2014	11/12/2014	Avian other	Black vulture	Coragyps atratus	CAT014	F	NR	NR	956000001199446	NR	down in a puddle, wound on right side of face, not sure if post or anternortem see PM	Two of two on same PM report - birds were in bad condition, very thin and very wet and muddy, liver NAD, no food at all was found in crop, gizzard or GIT, kidneys NAD, gall bladder NAD, lungs and trachea liquid content in respiratory tract, heart NAD.		Husbandry	NA	No salmonella, no bacterial pathogens isolated	FRS
20	/12/2014	22/12/2014	Avian anatidae	Tufled duck	Aythya fuligula	AFL0002	NR	1y	0.15	250228500022442	NR	much, 0.1ml tribrissen for two days, tx hx in vet room for five days, egemycin, recovered well and then outside, found dead next day. It was wel in the rain.	very wet and muddy, liver NAD, some food was found in crop and gizzard, kidneys NAD, gall bladder NAD, lung, trachea nd heart Nad	hypothermia		NA	NA	FRS
28	/12/2014		Avian Galliformes	Golden pheasant	Chrysolophus pictus	CPC001	М	1y	0.72	Green AB	NR	Puncture wounds to head, attacked by another bird, possibly a stork	Very poor and thin condition with no muscle, injuries and wounds on head and neck, big puncture wound beside ear canal,	Cause of death due to severe injuries and bleeding on head and cervical caused by fighting with other birds, no need for further investigation	Conspecific injury	NA	NA	FRS

Date of death	Date of PM	Taxa	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Calegory	Histology	Microbiology	Author
02/01/2013	03/01/2013	Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	PR0055	F	NR	NR	MC00-0664-3767	NR	No hx	No PM report	Open	Open	NA	NA	No vet
05/01/2013	05/01/2013	Mammal marsupial	Brush tailed bettong	Bettongia pencillata	NR	М	NR	0.35	"Urwin"	NR	Found collapsed under mother, slight raspy breathing, couldn't hold body up	No PM report	Open	Open	NA	NA	No vet
15/01/2013	15/01/2013	Mammal	Rodrigues fruit bat	Pteropus rodricensis	PR0046	F	NR	0.25	MC00-0130-2929	NR	No Hx	No PM report	Open	Open	NA	NA	No vet
17/01/2013	17/01/2013	Chiroptera Avian other	Scarlet ibis	E.ruber	ER0003	F	NR	0.6	250229600045235	NR	Unknown cause of death	No PM report	Open	Open	NA	NA	No vet
20/01/2013	20/01/2013	Mammal Primate	Mandrill	Mandrillus sphinx	MS0003	F	13y	40	"Sara"	NR	Slow, careful movements, moving very carefully and stiff, unknome cause of death. Dominant female in group, cold weather, particularly affected her day before was found dead.	No signs of external injuries, fat bordering obese, significant fat deposits in the abdomen were yellow in colour, liver was a mottled bronze colour with round edges as if a little swellen, no other significant lesions or abnormalities noted in the abdomen or thorax, liver and kidney samples have been sent to the laboratory for histo.	Possibility of liver damage caused by excess iron or copper intake being a factor on this animal's death.		IZVG: mild chronic interstitial nephritis, mild vaculoar hepatopathy, no cause of death. Advised smaple more tissues in future.	NA	RB
21/01/2013		Mammal Camivore	Asian small clawed otter	Aonyx cinereus	AC0020	F	12y	1.85	00-0064-2349	NR	Lethargy, weight loss, disorientation, loss of appetite, hair loss - reason for death unknown, body to NMS	s No PM report	Open	Open	NA	NA	No vet
23/01/2013	24/01/2013	Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	PR0042	М	NR	0.1	00-0606-1242	NR	No hx	No PM report	Open	Open	NA	NA	No vet
26/01/2013	26/01/2013	Mammal Primate	Mandrill	Mandrillus sphinx	MS0005	F	6у	27	NR	NR	Sat outside alone in the snow 25/01, underneath walkway, very reluctant to move, seemedn to be afraid of going near the house, had to be chased in. Whilst running seemed stiff around hind legs and wobbly, stumbled whilst running. Once inside sat by the slide alone, took a long time to come over to food, found dead at 8am next day, small wound to back of fioht ankle.	abnormal fluids in body cavities. No similarities to mother that died week before		Open	NA	NA	RB
02/02/2013	02/02/2013	Mammal	Parma wallaby	Macropus parma	MP0032	F	11y	3.3	NR	NR	Found on roo field panting, given 0.2ml	No PM report	Open	Open	NA	NA	No vet
02/02/2013	03/02/2013	marsupial Mammal	Western grey kangaroo	Macropus fulginosus	MF0132	F	9y	23	956000001412418	NR	tribrissen. Stress	No PM report	Open	Open	NA	NA	No vet
09/02/2013	10/02/2013	marsupial Mammal	Hamadryas baboon	Papio hamadryas	NR	М	still born	0.6	NA	NR	Stillbom	No PM report	Still born	Open	NA NA	NA .	No vet
14/02/2013	15/02/2013	Primate Mammal	Brush tailed bettong	Bettongia pencillata	BP0085	M	2v	0.7	95600001230854	NR	No hx	No PM report	Open		NA NA	I	
		marsupial) ((8) (7)	7000	IM		2.00		INK		The second secon		Open	10000	NA	No vet
14/02/2013	14/02/2013	Reptile tortoise	African spurred tortoise	Centrochelys sulcata	GS0004	F	NR	NR	"Bono"	NR	No hx	No PM report	Open	Open	NA	NA	No vet
23/02/2013	23/02/2013	Mammal Primate	Ring tailed lemur	Lemur catta	LC0005	М	13y	2.05	00-01C8-C5F5	NR	"Louie": right side of face swollen, skin around bottom right gum appeared infected and some flesh died dropping off to leave visible hole in side of mouth, right eye was bulging and appeared to lose focus. Was very reluctant to move or eat as too weak to do so, penstrep for 6d and syringe full of CCF, possible infection in mouth which may have spread to brain, possible broken jaw, could be original cause of infection?	No PM report	Open	Open	NA	NA	No vet
27/02/2013	27/02/2013	Reptile tortoise	African spurred tortoise	Centrochelys sulcata	GS0005	F	NR	13.5	965000000385271	NR	No hx	No PM report	Open	Open	NA	NA	No vet
29/02/13	01/03/2013	Reptile tortoise	Spur thighed tortolse	Testudo graeca	TG0047	NR	NR	0.9	956000008247407	NR	Suspected to have spent an extended period upside down under the heat lamp,	No PM report	Open	Open	NA	NA	No vet
02/03/2013	04/03/2013	Avian other	Caribbean flamingo	Phoenicopterus ruber	PCR005	NR	NR	1.9	958000001391643	NR	therefore died of onverheating Fell over on 26/02 and dislocated right		Open	Open	NA NA	NA .	No vet
11/03/2013	11/03/2013	Avian other	Eurasian spoonbill	Platalea leucorodia	PL0009	E	10y	0.95	956000001226256	ND	ankle and broke skin around ankle, ankle put back in palce and stitched up. Unknown, partially eaten by vultures	No PM report	0000	0	NA.		
	541 5		IN WEST STORY			-				NB.			Open	Open	NA	NA	No vet
20/03/2013		Mammal marsupial	Western grey kangaroo	Macropus fulginosus	MR0137	E	2y	16	956000002426170	NR	Unknown, possible stress due to excessive mating	No PM report	Open	Open	NA	NA	No vet
22/03/2013	22/03/2013	Mammal Primate	White fronted lemur	Eulemur albifroons	EAA006	M	14y	1.4	250229600002354	NR	Infected back of foor, possible internal infection. Pen step, vitamins.	No PM report	Open	Open	NA	NA	No vet
22/03/2013		Mammal Other	Domestic rabbit	Oryctolagus cuniculus	Not on ZIMS		NR	2.55	NR	NR	Head falls to left when trying to hop around, infected abscess on right side of mouth, very hard, bulging of both eyes, eyes became unresponsive to tocuh, shite film grew over eyes, completely stopped eating, rarely drinking, very unresponsive. Given 0.5ml penistrep for 8 days, changed to 0.1ml tribrissen for 1d, died from possible mouth infection that spread to brain.		Open	Open	NA	NA	No vet
24/03/2013	24/03/2013	Mammal Primate	Ring tailed lemur	Lemur catta	LL0077	М	1d	<0.05	NA	NR	Possible still born twin, found squashed under tortoise	No PM report	Open	Open	NA	NA	No vet
24/03/2013	24/03/2013	Mammal	Western grey kangaroo	Macropus fulginosus	MF0133	М	1y5m	15.6	956000002410528	NR	Unknown	No PM report	Open	Open	NA	NA	No vet
24/03/2013	24/03/2013	marsupial Mammal	Western grey kangaroo	Macropus fulginosus	MF0135	М	2y7m	26,5	956000002684804	NR	Unknown	No PM report	Open	Open	NA	NA	No vet
24/03/2013	24/03/2013	marsupial Mammal	Parma wallaby	Macropus parma	MP0082	М	5y	3.85	956000001225089	NR	Swelling of face, discharge from right	No PM report	Open	Open	NA .	NA	No vet
		marsupial	•								eye, left side of face has visible bone on nose where dead skin wiped away, wasn't seen eating nor drinking, given engemycin for 13d, unknown possible infection spread to brain.		975	G pun			NO Vet
25/03/2013	25/03/2013	Avian other	Little egret	Egretta garzetta	EG0012	NR	5у	NR	NR	NR	Unknown - remains only, only found two	No PM report	Open	Open	NA	NA	No vet
25/03/2013		Mammal marsupial	Western grey kangaroo	Macropus fulginosus	MF0138			15.1		NR	had been treated peridoically in past month for a respiratory condition, that had apparently responded well to antibiosis and not been treated for a week before she deteriorated rapidly and died.			Infectious		NA	RB
25/03/2013	26/03/2013	Mammal marsupial	Brush tailed bettong	Bettongia pencillata	NR	М	6m	0.1	NA	NR	No hx	No PM report	Open	Open	NA	NA	No vet
25/03/2013			Ring tailed lemur	Lemur catta	LC0077	М	1d	<0.05	NA	NR	Wasn't clinging to mother properly or suckling enough, mother dropped it several times previously before being found squashed under a tortoise	No PM report	Open	Open	NA	NA	No vet

o. Date of	Dal	ile of PM	Taxa	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Localion	Нх	Gross findings	Diagnosis	Calegory	Histology	Microbiology	Author
death 30/03/20	013 01/		Avian Psittacine	Southern mealy amazon	Amazona farinosa	AF0010	NR	10y	NR	"Ziggy"	NR	No CS prior to sudden death, not exhibting signs of illness or acting out of character, flying around eating, no weigh	No PM report	Open	Open	NA	NA	No vet
30/03/20	013 31/		Mammal	Cotton top tamarin	Saguinus oedipus	NA	М	1d	NR	NA	NR	loss. Face chewed by mother	No PM report	Open	Open	NA	NA	No vet
30/03/20	013 31/		Primate Mammal	Cotton top tamarin	Saguinus oedipus	NA	М	1d	NR	NA	NR	Half eaten by mother	No PM report	Open	Open	NA	NA	No vet
02/04/20	013 02/0	/04/2013	Primate Mammal	Common squirrel monkey	Saimiri sciureus	SS0030	M	13y	0.8	956000001198431	NR	No hx	No PM report	Open	Open	NA	NA	No vet
03/04/20	013 04/0		Primate Mammal	Western grey kangaroo	Macropus fulginosus	MF0139	F	8y	17	926000001379858	NR	Very lethargic, not seen eating/drinking	No PM report	Open	Open	NA	NA	No vet
04/04/20	013 04/0	/04/2013	marsupial Avian other	Sacred ibis	Threskiomis aethlopicus	TA0066	NR	NR	0.95	956000001223946	NR	Unknown	No PM report	Open	Open	NA	NA	No vet
07/04/20		/04/2013	Mammal Primate	Ring tailed lemur	Lemur catta	LC0057	М	Still born	<0.05	NA	NR	Still bom	No PM report	Open	Open	NA	NA	No vet
08/04/20	09/0		Mammal Primate	Black lemur	Eulemur macaco	LM0016	М	6d	0.1	NA	NR	Repetitively dropped by mother	No PM report	Open	Open	NA	NA	No vet
10/04/201	10/0	04/2013	Mammal Primate	Mandrill	Mandrillus sphinx	MS0008	F	5у	NR	NR	NR	Numerous severe injuries over her body from fighting other mandrills, euthanased		Conspecific injuries (euthanased)	Conspecific injury	NA	NA	RB
14/04/201	14/0	04/2013	Avian other	Caribbean flamingo	Phoenicopterus ruber	PCR026	NR	NR	2.25	958000001367368	NR	Just dropped dead in mineshaft	Bird was in good BCS, no signs of wounds or external injury, abdominal contents appeared normal. The chest cavity was full of free blood from a massive haemorrhage, it is not clear if this was due to a traumatic impact toeh chest wall or a rupture of a mjaor blood vessel wall due to an aneurism or naturally occurring weakness	Major blood loss - cause unknown	Anatomical	NA	NA .	RB
15/04/201	13 15/0		Avian Galliformes	Cheer pheasant	Catreus wallichii	CW0007	F	NR	0.65	NR	NR	been plucked and skinned on back and	No PM report	Open	Open	NA	NA	No vet
18/04/201	13 18/0		Mammal	Reindeer	Rangifer tarandus	NR	NR	Still born	NR	NR	NR	neck Still born	No PM report	Open	Open	NA	NA	No vet
26/04/201		04/2013	Hoofstock Mammal Primate	Siamang	Symphalangus syndactylus	SS0051	М	22y	NR	95600001509353	NR	last night did not come in to feed, a bit shaky but then seen feed on banana. Softon top this morning but not seen to feed. Checked at 1300hrs, lying down and not moving, singing from lying down position, persuaded to move ont a pole, RB was called, before RB arrived Kane lost his grip and fell dom pole heas sat on. Taken by RB to PM.	No PM report but tissues sent to IDEXX:	Necrosuppurative hepatitis (JC ?yersiniosis)	\$-	Necrotising hepatitis	No recognised pathognes isolated.	RB
30/04/201	13 30/0		Mammal Primate	Ring tailed lemur	Lemur catta	LC0181	М	13d	NR	NR	NR	Infected swelling left side of the neck	No PM report	Open	Open	NA	NA	201002000
03/05/201	13 03/0	05/2013	Avian Psittacine	African grey parrot	Psittacus erithacus	PEE001	Unk	11y	0.4	NR	NR	None, found dead on floor of aviary partially eaten	No PM report	Open	Open	NA	NA	No vet
04/05/201	13 05/0			Black tailed prairie dog	Cynomys Iudovicianus	NR	NR	NR	0.9	NR	NR	Overgrown teeth and very skinny, possibly weakened as not eating due to	No PM report	Open	Open	NA	NA	No vet
04/05/201	13 05/0			Parma wallaby	Macropus parma	NR	м	NR	3.7	968000004254242	NR	overgrown teeth Swelling on face, discharge from the eye	, No PM report	Open	Open	NA	NA	No vet
07/05/201	13 07/0		marsupial Avian other	Little egret	Egretta garzetta	NR	NR	NR	0.5	No ID	NR	possibly flew into something, no obvious wounds nor injuries, possible head	No PM report	Open	Open	NA	NA	No vet
11/05/201	13 12/0			Belled ruffed lemur	Varecia variegata subcincta	NR	F	2d	0.05	NA	NR	trauma. Blood around mouth/gum, quite skinny	No PM report	Open	Open	NA ·	NA	No vet
18/05/201	13 18/0		Primate Mammal	Reindeer	Rangifer tarandus	NA	F	1d	3.7	NA	NR	Dehydration	No PM report	Open	Open	NA	NA	No vet
23/05/2013	3 23/0		Hoofstock Mammal	Red ruffed lemur	Varecia variegata rubra	NA	M	3d	>0.05	NA .	NR	No hx	No PM report	Open	Open	NA	NA	No vet
23/05/2013	3 23/0	F10040	Primate Mammal	Red ruffed lemur	Varecia variegata rubra	NA	M	3d	>0.05	NA .	NR	No hx	No PM report	Open	Open	NA	NA	No vet
26/05/2013	200000	F	Primate Mammal	Red ruffed lemur		NA .	M	2d	0.1	NA .	NR	Lack of mother care	No PM report	Open	Open	NA	NA	No vet
26/05/2013		F	Primate		-						NR		No PM report	Open	Open	NA NA	NA	No vet
20/05/2013	20.4	F	Primate				2000		2.500		INK	Lack of mother care		Pneumonia, pleurisy and pyothorax	Infectious	NA	NA	RB
	128/0		Mammal marsupial	Red kangaroo	Macropus rufus	NA	F	NR	NR	NA	NR	with antibiotics for respiratory symptoms, it had shown nasal discharge, increased respiratory effort and been losing weight	Goss PM pathology confined to the chest cavity, whole left side of the chest was a massive abscess with lots of thick green pus, there was no normal functional lung tissue left, the right side was affected also but not quite as severely, abdominal cavity was grossly normal.	Priediffolia, pietilisy and pyonorex				
30/05/2013	3 31/05		Mammal marsupial	Red kangaroo	Macropus rufus	NA	M	2.5m	0.176	NA	NR	Mother died, tried to hand rear, eyes and ears still closed, so brain not fully developed	No PM report	Open	Open	NA	NA	No vet
30/05/2013	3 01/06		Avian Sphenisciform es	Humboldt pengiuin	Spheniscus humboldti	SH0027	NR	1m	0.35	NR	NR		No PM report	Open	Open	NA	NA	No vet
01/06/2013				North American Wood duck BW ruffed lemur		AS0031 NR	_				NR NR	Unknown	No PM report	Open Open	Open Open	NA NA	NA ·	No vet
	100000000000000000000000000000000000000	P	Primate	220.		3,485					ND	nest box			Infectious	NA NA	NA	RB
04/06/2013	o U4/06		Aammal Primate	3W ruffed lemur	Varecia variegata variegata "	vvv018	M !	ay	3.05	00-0648-5CA9	INK	Very lethargic, laid on side, runny muck, vomiting, towards end havng small fils. Given cortisone, 250ml SC.	PM confirmed the cause of dealh as haemorrhagic gastroenteritis, stormach lining was very inflammed and haemorrhagic, the duodenum was the same and filled with red/pink content, all other organs were grossly normal.	Haemorrhagic gastroenterilis			Y0.5	
08/06/2013	3 20/06		Mammal Primate	Ring tailed lemur	Lemur catta	LC0185	M ·	17d	0.1	NA	NR	No hx		Open	Open	NA	NA	No vet
22/06/2013	3 22/06	6/2013 M	Mammal Primate	lamadryas baboon	Papio hamadryas	PH0071	NR I	NR :	3.85	NR	NA	Eyes swollen day before, very lethargic, not eating, possibly eaten plastic	No PM report	Open	Open	NA	NA	No vet
25/06/2013	3 25/06	6/2013 M		Western grey kangaroo	Macropus fulginosus	NR	M	NR	1.2	NR	NA		No PM report	Open	Open	NA	NA .	No vet
27/06/2013	3 09/07		fammal I	Ring tailed lemur	Lemur catta	NA	NR S	Still born	<0.05	NR .	NR	Possible still birth	No PM report	Open	Open	NA	NA	No vet
09/07/2013	3 09/07	7/2013 M		W ruffed lemur	Varecia variegata variegata	VVV072	M 4	42d (0.05	NR	NR	No hx	No PM report	Open	Open	NA	NA	No vet
13/07/2013	3 20/07	7/2013 A	vian (Orange winged amazon	Amazona amazonica	AA0063	F	NR (0.3	NR	NR		No PM report	Open	Open	NA	NA	No vet
		P	sittacine									moving around as usual, possibly old age						

No. Date		Date of PM	Таха	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Calegory	Histology	Microbiology	Author
		22/07/2013	Mammal Primate	BW ruffed lemur	Varecia variegata variegata	VVV071	M	55d	0.7	956000001539149	NR	Attacked by an animal, lower abdomen	No PM report	Open	Conspecific injury	NA	NA	No vet
67 31/0	07/2013	01/08/2013		r Red squirrel	Sciurus vulgaris	SC0004	М	NR	0.3	MC0006133C96B	NR	ltom open Bite wound on neck filled with pus, 0.1m pen strep x3d, possible death by	I No PM report	Open	Open	NA	NA	No vet
68 06/0	08/2013	06/08/2013	Mammal Chiroptera	Rodrigues fruit bat	Pteropus rodricensis	NR	м	NR	0.2	NR	NR	Infection Bite mark on wing joint, bone exposed, unable to use, wing blue sprayed, wing		Open	Open	NA	NA	No vet
69 13/0	08/2013	13/08/2013	Mammal	Rodrigues fruit bat	Pteropus rodricensis	PR0132	F	NR	0.15	956000000247206	NR	chewed by tamarin Bone showing through on right wing,	No PM report	Open	Open	NA NA	NA NA	No vet
70 23/0	08/2013	23/08/2013	Chiroptera Avian other	Caribbean flamingo	Phoenicopterus ruber	PCR022	NR		2.1	958000001370108	NR	possibly chewed by tamarins Injury to ankle, skin grazed, after getting	Participants St. 10	Open	Open	NA NA	NA NA	No vet
	1981/20/05/05/0	24/08/2013	Avian other	White stork	Ciconia ciconia	CCC010	NR	5v	2.25	968000004255477	NR	trapped None - except the injury immediately	No PM report	Open	RTA / Trauma		7.7	
			, man outs	William Stork	Glooma dicoma	000010		3,	2.23	30000004233477	INC	before, otherwise in good health, broken left wing, possible emy attack, looked very shooked when found, stress likely cause (of death)		Open	KIA/ ITaulia	NA	NA	No vet
72 30/0	08/2013	30/08/2013	Mammal marsupial	Parma wallaby	Macropus parma	MP0120	М	2y	3.8	956000001209511	NR	Found in stream, possibly drowned	No PM report	Open	Open	NA	NA	No vet
73 30/0	08/2013	30/08/2013	Mammal marsupial	Red kangaroo	Macropus rufus	MR0055	F	9у	20.2	00-0634-11326	NR	No hx	No PM report	Open	Open	NA	NA	No vet
74 30/0	08/2013		Mammal Camivore	Amur tiger	Panthera tigris altaica	SL0034	F	18y	NR	NR	NR	Lethargic, uninterested in food, weight loss, old age - sent to NMS	No PM report	Open	Open	NA	NA	No vet
75 04/0	9/2013	04/09/2013	Mammal	Western grey kangaroo	Macropus fulginosus	MF0140	М	4m	NR	956000008246073	NR		Externally no signs of injury, oly a small	Open	Open	NA	NA	Rachel Sanki
			marsupial	*								AM	amount of dried blood around the nostrils. Abdominal viscera NAD, GIT scarring with evidence of prior constriction in one sectior of SI, passage of food still possible as faecal pellets in colon, stomach and intestinal tract filled with liquid digesta and a lot of gas, heart NAD, lungs pale pink viscera mottled with dark red multifocal areas, consistent through parenchyma and no consolidation present, thought of be PM change, trachea small amount of frothy red fild present, thyroid glands approx 2cm in length, slightly enlarged? No definitive cause of death found at PM					
6 07/0	9/2013	07/09/2013	Mammal marsupial	Agile wallaby	Macropus agilis	MA0044	М	Зу	12	956000001228065	NR		No PM report	Open	Open	NA	NA	No vet
7 07/0	9/2013	07/09/2013	Mammal Primate	Emperor tamarin	Saguinus imperator	NR	F	9y	NR	00-0634-1B87	NR	oxy over a period of 15d Unknown	No PM report	Open	Open	NA	NA	No vet
8 12/0	9/2013	12/09/2013	Mammal Hoofstock	Reindeer	subgrisseus Rangifer tarandus	RT0003	F	7у	80 (est)	967000000705952	NR	Bloated stomach, regurgitating food, frothing nose, haemorrhagic	No PM report	Open	Ореп	NA	NA	No vet
9 21/09	9/2013	22/09/2013	Mammal	Ring tailed lemur	Lemur catta	LC0163	F	1y	1.65	956000008264041	NR	gastroenteritis Killed by Tayra	No PM report	Open	Conspecific injury	NA	NA NA	No vet
0 23/09	9/2013 2	23/09/2013	Primate Mammal	Rodrigues fruit bat	Pteropus rodricensis	PR0194	M	1y8m	0.295	95600008246461	NR	Shivering continuously in dorsal	Head shot, open fracture right Mc5, tears to		RTA / Trauma	NA NA	NA	Rachel Sanki
			Chiroptera	•				y					left wing, large swelling L caudoventral abdomen, thick SC fat layer, suspect lipoma, abdominal and thoracic viscera NAD	Camanasa - Madanino Indiani	NAT Healing		NA.	Naciei Saiki
1 22/09	9/2013		Mammal Primate	Emperor tamarin	Saguinus imperator subgrisseus	SIS011	F	4m	NR	956000001512730	NR	Runny faeces, eating very little, given enrofloxacin, CCF.	No PM report	Open	Open	NA	NA	No vet
2 25/09	9/2013 2	25/09/2013	Avian Psittacine	African grey parrot	Psittacus erithacus	NR	NR	NR	NR	NR	NR	Killed by Fennec fox	No PM report	Open	Conspecific injury	NA	NA	No vet
3 01/10	0/2013	01/10/2013		Sacred ibis	Threskiornis aethiopicus	NR	NR	NR	NR	NR	NR	Euthanased, one of 18, and x8 died when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.	No PM report	Open	Management	NA	NA	No vet
				Sacred ibls			NR	2000		NR	NR	when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.	No PM report	Open	Management	NA	NA	No vet
				Sacred ibis			NR			NR	NR	when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.	-	Open	Management	NA	NA	No vet
			Avian other Avian other	Sacred ibis			NR			NR	NR	when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.		Open	Management	NA	NA	No vet
			\$ 0.00 (0.00				NR		NR	M	NR	when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.	. *	Open	Management	NA	NA	No vet
				Sacred ibis				NR	INIC	INIX	INK	when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.		Open	Management	NA	NA	No vet
				Sacred ibis	•					NR		when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.	*		Management	NA	NA	No vet
				Sacred ibis	Threskiomis aethiopicus				NR			when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.		Open	Management	NA	NA	No vet
		1/10/2013		Sacred ibis	•		NR I				5	when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.			Management	NA	NA	No vet
01/10/	/2013 01	1/10/2013	Avian other	Sacred ibis	Threskiornis aethiopicus	NR	NR I	NR I	NR	NR	1	Euthanased, one of 18, and x8 died when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.	No PM report	Open	Management	NA .	NA	No vet

lo. Da de:		Date of PM	Taxa	Species	Species	ID	Sex	Age	Weight (kg)	Microchip	Location	Нх	Gross findings	Diagnosis	Calegory	Histology	Microbiology	Aulhor
		01/10/2013	Avian other	Sacred ibis	Threskiornis aethiopicus	NR	NR	NR	NR	NR	NR	Died, one of 18, and x8 died when shut in as all pinioned birds in to control issu as fully winged birds euthanased - highl	e	Open	Management	NA	NA	No vet
4 01/	10/2013	01/10/2013	Avian other	Sacred ibis	Threskiornis aethiopicus	NR	NR	NR	NR	NR	NR	stressed prior to death, Died, one of 18, and x8 died when shut in as all pinioned birds in to control issu- as fully winged birds euthanased - highl stressed prior to death.	e e	Open	Management	NA	NA	No vet
5 01/	10/2013	01/10/2013	Avian other	Sacred ibis	Threskiornis aethiopicus	NR	NR	NR	NR	NR	NR	Died, one of 18, and x8 died when shut in as all pinioned birds in to control issu as fully winged birds euthanased - highly stressed prior to death.	B. C.	Open	Management	NA	NA	No vet
6 01/	10/2013	01/10/2013	Avian other	Sacred ibis	Threskiomis aethiopicus	NR	NR	NR	NR	NR	NR	Died, one of 18, and x8 died when shut in as all pinioned birds in to control issuras fully winged birds euthanased - highly stressed prior to death.	e e e e e e e e e e e e e e e e e e e	Open	Management	NA	NA	No vet
7 01/	10/2013	01/10/2013	Avian other	Sacred ibis	Threskiornis aethiopicus	NR	NR	NR	NR	NR	NR	Died, one of 18, and x8 died when shut in as all pinioned birds in to control issu- as fully winged birds euthanased - highly stressed prior to death.	e	Open	Management	NA .	NA	No vet
		01/10/2013	Avian other	Sacred ibis	Threskiornis aethiopicus	NR	NR	NR	NR	NR	NR	Died, one of 18, and x8 died when shut in as all pinioned birds in to control issur as fully winged birds euthanased - highly stressed prior to death.	9	Open	Management	NA	NA	No vet
01/1	10/2013	01/10/2013	Avian other	Sacred ibis	Threskiornis aethiopicus	NR	NR	NR	NR	NR	NR	Died, one of 18, and x8 died when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.	<mark>e l</mark>	Open	Management	NA	NA	No vet
00 01/1	0/2013	01/10/2013	Avian other	Sacred ibis	Threskiomis aethiopicus	NR	NR	NR	NR	NR	NR	Died, one of 18, and x8 died when shut in as all pinioned birds in to control issue as fully winged birds euthanased - highly stressed prior to death.	•	Open	Management	NA	NA	No vet
01/1	0/2013	02/10/2013	Avian other	Cattle egret	Bubulcus ibis	Bl0001	F	26m	NR	250228500017790	NR	Traumatic injuries	Wounds to head and neck, no feather or skin coverage over neck and dorsal cranium exposing underlying musculatire and internal structures. Right wing Mc bones broken off at carpoMc joint, most primary feathers missing. No SC fat, liver possible slight enlargement, very little digesta in tract, AD viscera.	Traumatic injuries / shock from attack by another bird	Conspecific injury	NA	NA	Rachel Sanki
2 05/1	0/2013	5/10/2013	Mammal Primate	Common squirrel monkey	Saimiri sciureus	NA	NR	1d	0.085	NA	NR	Found on floor in AM, possibly dropped, hole in stomach and insides eaten.	No PM report	Open	Open	NA	NA	No vet
3 10/1	0/2013 1	0/10/2013	Avian other	Roseate spoonbill	Platalea ajaja	NR	F	NR	0.854	Ring 94	Quaratine	20 birds imported from Cuba, 4 died, AHVLA investigation as in quarantine - no x provided except AHVLA report. This bird died overnight following non- specfic malaise treated with enrofloxacin	AHVLA PM reprot non specific - virus isolation but no results.	Open	Open	NA	NA	AHVLA
4 10/1	0/2013 1	0/10/2013	Avian other	Roseate spoonbill	Platalea ajaja	NR	М	NR	0.934	Ring 82	Quaratine	20 birds imported from Cuba, 4 died, AHVLA investigation as in quarantine - no hx provided except AHVLA report. This bird died suddenly	AHVLA PM reprot non specific - virus isolation but no results.	Open	Open	NA	NA	AHVLA
5 10/10	0/2013 1	0/10/2013	Avian other	Roseale spoonbill	Platalea ajaja	NR	NR	NR	NR	NR	Quaratine	20 birds imported from Cuba, 4 died, AHVLA investigation as in quarantine - no hx provided except AHVLA report. This bird hand no history	AHVLA PM reprot non specific - virus isolation but no results.	Open	Open	NA	NA	AHVLA
			Avian other	Roseate spoonbill	Platalea ajaja	NR	NR	NR	NR	NR	Quaratine	20 birds imported from Cuba, 4 died, AHVLA investigation as in quarantine - no hx provided except AHVLA report. This bird hand no history	AHVLA PM reprot non specific - virus isolation but no results.	Open	Open	NA	NA	AHVLA
7 20/10	0/2013 2	0/10/2013	Avian other	Cattle egret	Egretta garzetta	SC0005	F	10y	0.4	967000000623678	NR	Very thin, a wet day prior to death, possibly wet, cold and malnourished,	No PM report	Open	Open	NA	NA	No vet
3 22/10	0/2013 2:	2/10/2013	Mammal marsuplal	Parma wallaby	Macropus parma	MP0108	М	5m	1.2	956000001512947	NR	weeks, he was found hiding in nest box,	Diarrhoea on base of tail, BCS poor, no other external abnomrallities, very limited SC fat, liver slightly enlarged, adhesions wbetween liver and other structures, kidneys and spieen NAD except PM catigne, GIT multiple adhesions from gut to gut wall, liver and body wall. Lungs PM change	Adhesions, peritonitis	Infectious	NA	NA	Rachel Sanki
25/10	/2013 25		Mammal Primate	Cotton top tamarin	Saguinus oedipus	SO0037	F	19y	0.35	00F5 88E6	NR	Diarrhoea, lethargy, collapse, CCF, kaolin, baytril, SC warmed LRS, over past 4d, see vet diary	Poor BCS, large bone callous left mid diaphysis femur, two fleas on carcase, 1x1.5cm liver lesion at hilus, mesenteric LN enlarged, autolysis	Live abscess/neoplasia, enteritis	Infectious	NA	NA	Rachel Sanki
G Established	/2013 28		Avian other	Cattle egret	Egretta garzetta	BI0003	F	1y5m (0.3	250228500017943	NR	Traumatic wounds to the head, neck and both wings	No PM report	Open	Open	NA	NA	No vet
01/11	/2013 01		Mammal marsupial	Brush tailed bettong	Bettongia pencillata	BP0067	F	5y (0.85	956000001204382	NR	Lesion on side of tongue, lump on left side of anus and tumour (large) in neck, suspected starvation due to inability to eat.	No PM report	Open	Open	NA	NA	No vet
07/11										3F117365 NA	NR NR	Possibly cold, wet weather Not fed by mother	No PM report No PM report	Open Open	Open Open	NA NA	NA NA	No vet
		(Carnivore			NA			8 180	NA	NR	Not fed by mother	No PM report	5	Open	NA NA	NA .	No vet
16/11	/2013 16		Carnivore Mammal Other I	Red squirrel 3	Sciurus vulgaris	SC0002	М	NR C	0.25	MC0006B3C2B4	NR	Off show most of the time, very hard to find, not in nest boxes, death unknown was seen previously with small wound on face, when found had been partially		Open .	Open	NA	NA	No vet
17/11/	2013 17		Avian 1	ragopan (no species noted)	Jnknown I	NR I	F	NR 0	1.55	NR	NR	eaten by rats Unknown, partially eaten by rats	No PM report	Open	Open	NA .	NA .	No vet
22/11/	(2013 22	/11/2013 N	Salliformes Aammal S Carnivore	Sumatran tiger F	Panthera tigris sumatrae I	NR I	F	NR N	iR '	"Alicia"	NR	the public reported she appeared to be choking, keepers ran immediately to check her, she was fying in view from the fence and was not moving, and no breathing movelements of the chest could be seen. After a safe period of breathign signs or movement being seen keepers	Cutting into the upper trachea and layrynx I found this to be completely blocked by a chunk of meat, this chunk was attached to a larger piece of bony'grishy meakwhich was lodged partially in the upper oesophagus and partially still in the pharynx. The whole piece of meat was too large to be swallowed and had become lodged but it was extremely unlucky that a thin strand of meat had been inhaled into the larynx.	Apshyxia	Husbandry	NA NA	NA .	RB
															Control to State of the Control of t			

	Date of death	Date of PM	Taxa	Species	Species	ID	Sex	Age Wei	ght (kg) Mic	crochip	Location	Hx	Gross findings	Diagnosis	Calegory	Histology	Microbiology	Author
19	26/11/2013	26/11/2013		Roseate spoonbill	Platalea ajaja	NR	NR	18m 0.9		g band 83	NR	this morning, this bird and 6 others had been isoalted due to weight loss for supplemental feeding and extra heat.	red, suspect PM change? No Sc fat, no falciform fat and no omental fat, would classify as emaciated, gall bladder distended, kidneys NAD, GIT limited contents, heart, lungs and trachea NAd		Husbandry	NA	NA	Rachel Sanki
20	27/11/2013	27/11/2013	Avian other	Roseate spoonbill	Platalea ajaja	NR	F	18m 1		g band no number, 8246002253028	NR	this morning, this bird and 6 others had been isoalted due to weight loss for supplemental feeding and extra heat. This bird had been assisted with feeding and had collapsed onto hocks, unable to stand for the past three days, yesterday it had regurgiated its feed	classify as emaciated, gall bladder distended, kidneys NAD, GIT limited contents, heart, lungs and trachea Nad, inactive opvary observed		Husbandry	NA	NA NA	Rachel Sanki
21	28/11/2013	02/12/2013	Avian other	Roseate spoonbill	Platalea ajaja	NR	NR	18m 0.83		g band 89, 8246002250665	NR	this morning, this bird and 6 others had been isoalted due to weight loss for supplemental feeding and extra heat. This bird was found weak and unable to stand in enclosure this afternoon, no	suspect PM change? No Sc fat, no falciform fat and no omental fat, would classify as emaciated, gall bladder distended, kidneys NAD, GIT limited contents, heart, lungs and trachea NAd	Emaciation	Husbandry	NA -	NA NA	Rachel Sanki
22 2	29/11/2013	03/12/2013	Avian other	Roseate spoonbill	Piatalea ajaja	NR	NR	18m 0.95		g band 90, 8246002252684	NR	This bird was found dead in enclosure this afternoon 29/11/13 after appearing slightly weaker during the day	Deep sores on plantar surface of all digits, pouch under bill appeared moderately dark red, suspect PM change? No Sc fat, no falciform fat and no omental fat, would classify as emaclated, gall bladder distended, kidneys NAD, GIT limited contents, heart, lungs and trachea NAd		Husbandry	NA	NA	Rachel Sanki
23 (01/12/2013	03/12/2013	Avian other	Roseate spoonbill	Piatalea ajaja	NR	NR	18m 0.79		g band 93, 8246002253964	NR	This bird was found dead in enclosure in the morning 01/12/13	Sores on plantar surface of all digits, pouch under bill appeared moderately dark red, suspect PM change? No Sc fat, no falciform fat and no omental fat, would classify as emaciated, gall bladder distended, kidneys NAD, GIT limited contents, heart, lungs and trachea NAd	Emaciation	Husbandry	NA	NA	Rachel Sanki
24 0	01/12/2013	03/12/2013	Avian other	Roseate spoonbill	Piatalea ajaja	NR	NR	18m 1		g band 100, 3246002251879	NR	This bird was found dead in enclosure in the morning 01/12/13	Sores on plantar surface of all digits, pouch under bill appeared moderately dark red, suspect PM change? No Sc fat, no falciform fat and no omental fat, would classify as emaciated, gall bladder distended, kidneys NAD, GIT limited contents, heart, lungs and trachea NAd	Emaciation	Husbandry	NA .	NA	Rachel Sanki
25 0	04/12/2013	04/12/2013	Avian other	Roseate spoonbill	Platalea ajaja	NR	NR	18m 0.85		g band 81, 3246002250622	NR	This bird was found dead in enclosure in the morning 01/12/14	Sores on plantar surface of all digits, pouch under bill appeared moderately dark red, suspect PM change? No Sc fat, no falciform fat and no omental fat, would classify as emaclated, gall bladder distended, kidneys NAD, GIT limited contents, heart, lungs and trachea NAd	Emaciation	Husbandry	NA	NA	Rachel Sanki
6 0	05/12/2013	05/12/2013	Avian other	Roseate spoonbill	Platalea ajaja	NR	NR	18m 0.894		g band none, 3246002250696	NR	This bird was found dead in enclosure in the moming 01/12/15	Sores on plantar surface of all digits, pouch under bill appeared moderately dark red, suspect PM change? No Sc fat, no falciform fat and no omental fat, would classify as emaciated, gall bladder distended, kidneys NAD, GIT limited contents, heart, lungs and trachea NAd	Emaciation	Husbandry	NA	NA	Rachel Sanki
27 0	09/12/2013	10/12/2013	Avian Galliformes	Kalij pheasant	Lophura leucomelanos	NR	М	NR 0.5	Red	1PH	NR	Emaciation, the bird was found this moming in enclosure having a selzure and neck bent in S bend unable to stand or hold up head	No SC fat, falcifrom fat, nor omental fat, therefore would classify as emaciated,	Emaciation	Husbandry	NA	NA	Rachel Sanki
8 1	0/12/2013		Avian Galliformes	Glossy ibis	Plegadis falcinellus	NR	М	NR 0.374	9722	273000186492	NR	Bird was separated from the group as seen to be weak and was found dead in the pen, broken right proximal metacarpals	Complete fracture of proximal MC bones, SC emphysema, mild featehr loss and red skin over cranium, no SC fat, gall bladder distended, kindeys NAD, GIT NAD, testes observed.	Fractured right metacarpals, poor BCS	RTA / Trauma	NA	NA	Rachel Sanki
9 1	0/12/2013		Avian Galliformes	Glossy ibis	Plegadis falcinellus	NR	М	NR 0.455	9722	273000215559	NR	Bird was separated from group as seen to be weak, abrasions left foot		Cause of death suspect due to poor BCS in cold weather	Husbandry	NA	NA	Rachel Sanki
2	25/12/2013	06/01/2014	Mammal Primate	Ring tailed lemur	Lemur catta	LC0024	М	11y 2.45	00-0	0620-09F4	NR	Swollen hind feet, and bellym laboured breathign and lethargic, tx with synulox, meloxicam and furosemide, frozen and defrosted for PME	Liver light brown colouration, left lung mottled red and pink, right very little normal		Neoplasia	NA	NA	Rachel Sanki
2	7/12/2013		Mammal Carnivore	Asian small clawed otter	Aonyx cinereus	NR	М	NR NR	00-0	0142-E7F4	NR	Fell on electric fence	No PM report	Open	Орел	NA	NA	No vet
2	7/12/2013	03/01/2014	Mammal Other	Capybara	Hydrochaeris hydrochaeris	HH0007	F	4y NR	9560	000001414819	NR	Wounds on left leg, abscess on front right foot, toenail ton, pen strep x6d, died from infection in foot.	No PM report	Open	Open	NA	NA	No vet