

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Snares Crested Penguin	<i>Eudyptes robustus</i>	20

#### Blood Chemistry

Aspartate Aminotransferase (iu/l)	18
Glutamate Dehydrogenase (iu/l)	18
Creatine Phosphokinase (iu/l)	18
Total Protein (g/l)	18
Phosphate (mmol/l)	18
Calcium (mmol/l)	18
Glucose (mmol/l)	18

Blood Chemistry Count: 126

#### Haematology

Fibrinogen (g/l)	20
Haemoglobin (g/l)	20
Haemoparasites	20
Mean Corpuscular Haemoglobin Concentration (g/l)	20
Packed Cell Volume (%)	20
White Blood Cells (x 10 E+9/l)	20
Lymphocytes (x 10 E+9/l)	20
Monocytes (x 10 E+9/l)	20
Eosinophils (x 10 E+9/l)	20
Basophils (x 10 E+9/l)	20
Heterophils (x 10 E+9/l)	20

Haematology Count: 220

#### Microbiology

Campylobacter sp.	16
Coliforms mixed spp	16
Corynebacterium sp.	16
Pasteurella sp.	16
Salmonella sp.	16
Staphylococcus sp. (coagulase negative)	16
Streptococcus sp. (non-haemolytic)	16

Microbiology Count: 112

#### Parasitology

Ascaridia	20
Capillaria	20
Coccidia	20
Heterakis (Faecal Egg Count) (eggs/gm)	20
Strongylidae (Faecal Egg Count) (eggs/gm)	20

Parasitology Count: 100

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Common Name	Taxonomic Name	Count
Total Number of Parameters for Species:		<b>558</b>
Buff Weka	<i>Gallirallus australis hectori</i>	16
<b>Blood Chemistry</b>		
Total Protein (g/l)		1
	Blood Chemistry Count:	1
<b>Growth and Development</b>		
Bill (culmen) Length (mm)		6
Bill Depth (mm)		6
Tarsus Width (mm)		6
Weight (kg)		6
Tarsal Length (mm)		6
	Growth and Development Count:	30
<b>Haematology</b>		
Haemoparasites		8
Packed Cell Volume (%)		1
White Blood Cells (x 10 E+9/l)		8
Lymphocytes (%)		8
Lymphocytes (x 10 E+9/l)		8
Monocytes (%)		8
Monocytes (x 10 E+9/l)		8
Eosinophils (%)		8
Eosinophils (x 10 E+9/l)		8
Basophils (%)		8
Basophils (x 10 E+9/l)		8
Heterophils (%)		8
Heterophils (x 10 E+9/l)		8
	Haematology Count:	97
<b>Microbiology</b>		
Salmonella sp.		8
Yersinia sp.		8
	Microbiology Count:	16
<b>Parasitology</b>		
Coccidia		15
Capillaria (Faecal Egg Count) (eggs/gm)		7
Ascaridia (Faecal Egg Count) (eggs/gm)		7
Strongylidae (Faecal Egg Count) (eggs/gm)		7
	Parasitology Count:	36
Total Number of Parameters for Species:		<b>180</b>

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Takahe	<i>Porphyrio mantelli hochstetteri</i>	80

#### Blood Chemistry

Bile Acids (umol/l)	31
Gamma Glutamyl Transferase (iu/l)	31
Potassium (mmol/l)	31
Sodium (mmol/l)	31
Uric Acid (umol/l)	31
Aspartate Aminotransferase (iu/l)	31
Creatine Phosphokinase (iu/l)	31
Total Protein (g/l)	55
Calcium (mmol/l)	17
Glucose (mmol/l)	31
Total Protein (plasma) (g/l)	2

Blood Chemistry Count: 322

#### Growth and Development

Weight (kg)	55
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Growth and Development Count: 55

#### Haematology

Haemoparasites	21
Packed Cell Volume (%)	41
Red Blood Cells (x 10 E+6/ul)	36
White Blood Cells (x 10 E+9/l)	57
Lymphocytes (%)	61
Lymphocytes (x 10 E+9/l)	21
Monocytes (%)	61
Monocytes (x 10 E+9/l)	21
Eosinophils (%)	56
Eosinophils (x 10 E+9/l)	16
Basophils (%)	61
Basophils (x 10 E+9/l)	21
Heterophils (%)	61
Heterophils (x 10 E+9/l)	21

Haematology Count: 555

#### Microbiology

Campylobacter sp.	36
Chlamydophila psittaci	84
Erysipelothrix rhusiopathiae	37
Fungal hypae	42
Gram Negative Bacilli	42

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Common Name	Taxonomic Name	Count
<b>Microbiology</b>		
Gram Negative Cocci		42
Gram Positive Bacilli		42
Gram Positive Cocci		42
Salmonella sp.		59
Virus Isolation		23
Yeast cells		42
Yersinia sp.		58
	Microbiology Count:	549
<b>Parasitology</b>		
Ascaridia		48
Capillaria		48
Coccidia		70
Cryptosporidia		7
Feather Lice (Pos/Neg)		59
Giardia		8
Strongylidae		48
Syngamus (eggs/gm)		48
Trichomonads		48
Heterakis (Faecal Egg Count) (eggs/gm)		70
Capillaria (Faecal Egg Count) (eggs/gm)		22
Ascaridia (Faecal Egg Count) (eggs/gm)		22
Strongylidae (Faecal Egg Count) (eggs/gm)		22
	Parasitology Count:	520
<b>Physiology</b>		
Heart Rate (bpm)		29
Respiration Rate (bpm)		27
	Physiology Count:	56
Total Number of Parameters for Species:		<b>2057</b>

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Shore Plover	<i>Thinornis novaeseelandiae</i>	110

#### Microbiology

Campylobacter jejuni	8
Campylobacter sp.	27
Campylobacter spp	1
Coliforms mixed spp	1
Escherichia coli	1
Listeria sp.	34
Salmonella sp.	114
Salmonella spp	1
Staphylococcus sp. (coagulase negative)	1
Yersinia sp.	102

Microbiology Count: 290

#### Parasitology

Heterakis (Faecal Egg Count) (eggs/gm)	49
Capillaria (Faecal Egg Count) (eggs/gm)	79
Ascaridia (Faecal Egg Count) (eggs/gm)	79
Strongylidae (Faecal Egg Count) (eggs/gm)	78
Coccidia (Oocysts/gm)	65

Parasitology Count: 350

Total Number of Parameters for Species: **640**

Black Stilt	<i>Himantopus novaeseelandiae</i>	28
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#### Microbiology

Salmonella sp.	28
Yersinia sp.	28
Campylobacter sp.	28

Microbiology Count: 84

#### Parasitology

Capillaria	28
Cestode	28
Coccidia	28
Cryptosporidia	28
Trematode	28

Parasitology Count: 140

Total Number of Parameters for Species: **224**

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Common Name	Taxonomic Name	Count
Fernbird	<i>Bowdleria punctata</i>	3
<b>Haematology</b>		
Haemoparasites	3	
White Blood Cells (x 10 E+9/l)	3	
Lymphocytes (%)	3	
Monocytes (%)	3	
Eosinophils (%)	3	
Basophils (%)	3	
Heterophils (%)	3	
	Haematology Count:	21
<b>Microbiology</b>		
Avian Poxvirus	2	
Campylobacter sp.	2	
Salmonella sp.	2	
Yersinia sp.	2	
	Microbiology Count:	8
<b>Parasitology</b>		
Coccidia	2	
	Parasitology Count:	2
Total Number of Parameters for Species:		<b>31</b>
Whitehead	<i>Mohoua albicilla</i>	4
<b>Haematology</b>		
Haemoparasites	4	
White Blood Cells (x 10 E+9/l)	4	
Lymphocytes (%)	4	
Monocytes (%)	4	
Eosinophils (%)	4	
Basophils (%)	4	
Heterophils (%)	4	
	Haematology Count:	28
Total Number of Parameters for Species:		<b>28</b>

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
North Island Robin	<i>Petroica australis longipes</i>	26

#### Haematology

Haemoparasites	26
White Blood Cells (x 10 E+9/l)	26
Lymphocytes (%)	26
Lymphocytes (x 10 E+9/l)	24
Monocytes (%)	26
Monocytes (x 10 E+9/l)	24
Eosinophils (%)	26
Eosinophils (x 10 E+9/l)	24
Basophils (%)	26
Basophils (x 10 E+9/l)	24
Heterophils (%)	26
Heterophils (x 10 E+9/l)	24

Haematology Count: 302

#### Microbiology

Avian Poxvirus	1
Campylobacter sp.	1
Salmonella sp.	25
Yersinia sp.	25

Microbiology Count: 52

#### Parasitology

Ascaridia	24
Capillaria	24
Cestode	24
Coccidia	25
Strongylidae	24
Syngamus (eggs/gm)	24
Heterakis (Faecal Egg Count) (eggs/gm)	24

Parasitology Count: 169

Total Number of Parameters for Species: **523**

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Stitchbird	<i>Notiomystis cincta</i>	198

#### Growth and Development

Weight (kg)	85
Growth and Development Count:	85

#### Haematology

Haemoparasites	86
White Blood Cells (x 10 E+9/l)	110
Lymphocytes (%)	79
Lymphocytes (x 10 E+9/l)	100
Monocytes (%)	79
Monocytes (x 10 E+9/l)	100
Eosinophils (%)	79
Eosinophils (x 10 E+9/l)	100
Basophils (%)	79
Basophils (x 10 E+9/l)	100
Heterophils (%)	79
Heterophils (x 10 E+9/l)	100

Haematology Count: 1091

#### Microbiology

Campylobacter sp.	88
Salmonella sp.	197
Yersinia sp.	196

Microbiology Count: 481

#### Parasitology

Fly	86
Mites (numbers)	85
Capillaria (Faecal Egg Count) (eggs/gm)	65
Coccidia (Oocysts/gm)	65

Parasitology Count: 301

Total Number of Parameters for Species: **1958**

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Bellbird	<i>Anthornis melanura melanura</i>	69

#### Haematology

Haemoparasites	8
White Blood Cells (x 10 E+9/l)	38
Lymphocytes (%)	38
Lymphocytes (x 10 E+9/l)	30
Monocytes (%)	38
Monocytes (x 10 E+9/l)	30
Eosinophils (%)	38
Eosinophils (x 10 E+9/l)	30
Basophils (%)	38
Basophils (x 10 E+9/l)	30
Heterophils (%)	38
Heterophils (x 10 E+9/l)	30

Haematology Count: 386

#### Microbiology

Salmonella sp.	31
Yersinia sp.	31

Microbiology Count: 62

Total Number of Parameters for Species: **448**

Tui	<i>Prosthemadera novaeseelandiae novaeseelandiae</i>	7
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#### Haematology

Haemoparasites	7
White Blood Cells (x 10 E+9/l)	7
Lymphocytes (%)	7
Monocytes (%)	7
Eosinophils (%)	7
Basophils (%)	7
Heterophils (%)	7

Haematology Count: 49

Total Number of Parameters for Species: **49**

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
North Island Kokako	<i>Callaeas cinerea wilsoni</i>	11
<b>Blood Chemistry</b>		
Total Protein (plasma) (g/l)	10	
	Blood Chemistry Count:	10
<b>Growth and Development</b>		
Weight (kg)	22	
	Growth and Development Count:	22
<b>Haematology</b>		
Haemoglobin (g/l)	1	
Haemoparasites	11	
Haemoparasites (PCR)	11	
Packed Cell Volume (%)	9	
White Blood Cells (x 10 E+9/l)	10	
Lymphocytes (%)	10	
Lymphocytes (x 10 E+9/l)	10	
Monocytes (%)	10	
Monocytes (x 10 E+9/l)	10	
Basophils (%)	10	
Basophils (x 10 E+9/l)	10	
Heterophils (%)	10	
Heterophils (x 10 E+9/l)	10	
	Haematology Count:	122
<b>Microbiology</b>		
Listeria sp.	6	
Salmonella sp.	11	
Yersinia sp.	11	
	Microbiology Count:	28
<b>Parasitology</b>		
Heterakis (Faecal Egg Count) (eggs/gm)	8	
Capillaria (Faecal Egg Count) (eggs/gm)	8	
Ascaridia (Faecal Egg Count) (eggs/gm)	8	
Strongylidae (Faecal Egg Count) (eggs/gm)	8	
Coccidia (Oocysts/gm)	8	
	Parasitology Count:	40
Total Number of Parameters for Species:		<b>222</b>

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Saddleback	<i>Philesturnus carunculatus</i>	1
<b>Blood Chemistry</b>		
Total Protein (g/l)		1
	Blood Chemistry Count:	1
<b>Growth and Development</b>		
Weight (kg)		2
	Growth and Development Count:	2
<b>Haematology</b>		
Haemoparasites		1
Haemoparasites (PCR)		1
Packed Cell Volume (%)		1
White Blood Cells (x 10 E+9/l)		1
Lymphocytes (%)		1
Lymphocytes (x 10 E+9/l)		1
Monocytes (%)		1
Monocytes (x 10 E+9/l)		1
Eosinophils (%)		1
Eosinophils (x 10 E+9/l)		1
Basophils (%)		1
Basophils (x 10 E+9/l)		1
Heterophils (%)		1
Heterophils (x 10 E+9/l)		1
	Haematology Count:	14
<b>Microbiology</b>		
Campylobacter sp.		1
Salmonella sp.		2
Yersinia sp.		1
	Microbiology Count:	4
<b>Parasitology</b>		
Ascaridia		2
Capillaria		2
Coccidia		2
Strongylidae		2
Syngamus (eggs/gm)		2
Heterakis (Faecal Egg Count) (eggs/gm)		2
	Parasitology Count:	12
Total Number of Parameters for Species:		<b>33</b>

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
North Island Brown Kiwi	<i>Apteryx "North Island"</i>	50

#### Blood Chemistry

Alkaline Phosphatase (iu/l)	9
Creatinine (umol/l)	8
Lactate Dehydrogenase (iu/l)	7
Uric Acid (umol/l)	7
Aspartate Aminotransferase (iu/l)	11
Creatine Phosphokinase (iu/l)	11
Total Protein (g/l)	4
Phosphate (mmol/l)	8
Calcium (mmol/l)	8
Glucose (mmol/l)	8
Total Protein (plasma) (g/l)	8

Blood Chemistry Count: 89

#### Haematology

Packed Cell Volume (%)	4
White Blood Cells (x 10 E+9/l)	49
Lymphocytes (%)	49
Monocytes (%)	49
Eosinophils (%)	49
Basophils (%)	49
Heterophils (%)	49

Haematology Count: 298

Total Number of Parameters for Species: **387**

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Sulphur-crested Cockatoo	<i>Cacatua galerita</i>	24
<b>Growth and Development</b>		
Weight (kg)	22	
Growth and Development Count:	22	
<b>Microbiology</b>		
Avian Influenza	24	
Avian Paramyxovirus (PMV)	24	
Salmonella sp.	24	
Microbiology Count:	72	
<b>Physical Examination</b>		
Body Condition	24	
Plumage Condition	24	
Skin Condition	24	
Auscultation	24	
Eyes and Adnexa	24	
Bill	24	
Nares and Nasal Cavity	24	
Ears	24	
Oral Cavity	24	
Wings	24	
Legs	25	
Feet and Claws	23	
Abdominal Palpation	24	
Faeces	1	
Physical Examination Count:	313	
<b>Serology</b>		
PBFD (PCR)	24	
Serology Count:	24	
Total Number of Parameters for Species:	<b>431</b>	

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 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Galah	<i>Cacatua roseicapilla</i>	5
<b>Growth and Development</b>		
Weight (kg)		5
	Growth and Development Count:	5
<b>Microbiology</b>		
Avian Influenza		5
Avian Paramyxovirus (PMV)		5
Salmonella sp.		5
	Microbiology Count:	15
<b>Physical Examination</b>		
Body Condition		5
Plumage Condition		5
Skin Condition		5
Auscultation		5
Eyes and Adnexa		4
Bill		5
Nares and Nasal Cavity		5
Ears		6
Oral Cavity		5
Wings		5
Legs		5
Feet and Claws		5
Abdominal Palpation		5
	Physical Examination Count:	65
<b>Serology</b>		
Pbfd (PCR)		5
	Serology Count:	5
	Total Number of Parameters for Species:	<b>90</b>

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Major Mitchell's Cockatoo	<i>Cacatua leadbeateri</i>	5
<b>Growth and Development</b>		
Weight (kg)	5	
Growth and Development Count:	5	
<b>Microbiology</b>		
Avian Influenza	5	
Avian Paramyxovirus (PMV)	5	
Salmonella sp.	5	
Microbiology Count:	15	
<b>Physical Examination</b>		
Body Condition	5	
Plumage Condition	5	
Skin Condition	5	
Auscultation	5	
Eyes and Adnexa	5	
Bill	5	
Nares and Nasal Cavity	5	
Ears	5	
Oral Cavity	5	
Wings	5	
Legs	6	
Feet and Claws	4	
Abdominal Palpation	5	
Physical Examination Count:	65	
<b>Serology</b>		
PBFD (PCR)	5	
Serology Count:	5	
Total Number of Parameters for Species:	<b>90</b>	

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Umbrella Cockatoo	<i>Cacatua alba</i>	2
<b>Growth and Development</b>		
Weight (kg)	2	
Growth and Development Count:	2	
<b>Microbiology</b>		
Avian Influenza	2	
Avian Paramyxovirus (PMV)	2	
Salmonella sp.	2	
Microbiology Count:	6	
<b>Physical Examination</b>		
Body Condition	2	
Plumage Condition	2	
Skin Condition	2	
Auscultation	2	
Eyes and Adnexa	2	
Bill	2	
Nares and Nasal Cavity	2	
Ears	2	
Oral Cavity	2	
Wings	2	
Legs	2	
Feet and Claws	2	
Abdominal Palpation	2	
Physical Examination Count:	26	
<b>Serology</b>		
Pbfd (PCR)	2	
Serology Count:	2	
Total Number of Parameters for Species:	<b>36</b>	

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

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Common Name	Taxonomic Name	Count
Goffin's Cockatoo	<i>Cacatua goffini</i>	2
<b>Growth and Development</b>		
Weight (kg)	2	
Growth and Development Count:	2	
<b>Microbiology</b>		
Avian Influenza	2	
Avian Paramyxovirus (PMV)	2	
Salmonella sp.	2	
Microbiology Count:	6	
<b>Physical Examination</b>		
Body Condition	2	
Plumage Condition	2	
Skin Condition	2	
Auscultation	2	
Eyes and Adnexa	2	
Bill	2	
Nares and Nasal Cavity	2	
Ears	2	
Oral Cavity	2	
Wings	2	
Legs	2	
Feet and Claws	2	
Abdominal Palpation	2	
Physical Examination Count:	26	
<b>Serology</b>		
Pbfd (PCR)	2	
Serology Count:	2	
Total Number of Parameters for Species:	<b>36</b>	

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Common Name	Taxonomic Name	Count
Kakapo	<i>Strigops habroptilus</i>	101

#### Blood Chemistry

Alanine Aminotransferase (iu/l)	42
Alkaline Phosphatase (iu/l)	87
Bile Acids (umol/l)	147
Blood Urea Nitrogen (mmol/l)	36
Chloride (mmol/l)	40
Creatinine (umol/l)	92
Gamma Glutamyl Transferase (iu/l)	19
Lactate Dehydrogenase (iu/l)	52
Plasma Fibrinogen (g/l)	188
Potassium (mmol/l)	98
Selenium (nmol/l)	40
Sodium (mmol/l)	103
Uric Acid (umol/l)	254
Aspartate Aminotransferase (iu/l)	295
Glutamate Dehydrogenase (iu/l)	158
Creatine Phosphokinase (iu/l)	256
Total Protein (g/l)	187
Phosphate (mmol/l)	271
Calcium (mmol/l)	244
Glucose (mmol/l)	245

Blood Chemistry Count: 2854

#### Haematology

Anisocytosis	13
Band Heterophils (%)	1260
Haemoglobin (g/l)	258
Hypochromasia	5
Macrocyosis	2
Mean Corpuscular Haemoglobin Concentration (g/l)	250
Metarubicytes	5
Microcytosis	2
Packed Cell Volume (%)	266
Poikilocytosis	4
Polychromasia	25
Reactive Lymphocytes	21
Red Blood Cells	601
Stippled Cells	14

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Common Name	Taxonomic Name	Count
<b>Haematology</b>		
Thrombocytes		627
Toxic Changes		18
White Blood Cells (x 10 E+9/l)		650
Lymphocytes (%)		644
Lymphocytes (x 10 E+9/l)		644
Monocytes (%)		642
Monocytes (x 10 E+9/l)		642
Eosinophils (%)		641
Eosinophils (x 10 E+9/l)		643
Basophils (%)		635
Basophils (x 10 E+9/l)		638
Heterophils (%)		644
Heterophils (x 10 E+9/l)		644
	Haematology Count:	10438
<b>Microbiology</b>		
+ve Cocci		5
Bacillus spp		2
Campylobacter spp		14
Candida albicans		16
Candida famata		14
Candida guilleamondi		15
Candida species		15
Candida tropicalis		15
Clostridium perfringens		16
Coliforms mixed spp		3
Coryneforms spp		1
Enterobacter cloacae		1
Escherichia coli		23
Fungi mixed spp		15
Klebsiella oxytoca		1
Lactose fermenters		15
Non lactose fermenters		3
Salmonella spp		54
Streptococcus sp. (alpha-haemolytic)		6
Streptococcus sp. (beta-haemolytic)		1
Streptococcus sp. (group D)		1
Streptococcus sp. (non-haemolytic)		13
Yeast A Unidentified spp		15

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### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
<b>Microbiology</b>		
Yersinia frederiksenii		54
	Microbiology Count:	318
<b>Parasitology</b>		
Blood Parasites		554
Feather lice		2
Mites (numbers)		3
Heterakis (Faecal Egg Count) (eggs/gm)		209
Capillaria (Faecal Egg Count) (eggs/gm)		207
Ascaridia (Faecal Egg Count) (eggs/gm)		209
Strongylidae (Faecal Egg Count) (eggs/gm)		207
Coccidia (Oocysts/gm)		209
	Parasitology Count:	1600
<b>Serology</b>		
PBFD (PCR)		38
	Serology Count:	38
	Total Number of Parameters for Species:	<b>15248</b>
Kaka	<i>Nestor meridionalis</i>	22
<b>Haematology</b>		
Haemoparasites		1
	Haematology Count:	1
<b>Microbiology</b>		
Staphylococcus sp. (coagulase negative)		2
Yeasts		2
	Microbiology Count:	4
<b>Serology</b>		
PBFD (PCR - Rolling Circle Amplification)		10
PBFD (PCR)		30
	Serology Count:	40
	Total Number of Parameters for Species:	<b>45</b>
South Island Kaka	<i>Nestor meridionalis meridionalis</i>	10
<b>Serology</b>		
PBFD (PCR)		10
	Serology Count:	10
	Total Number of Parameters for Species:	<b>10</b>

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Eastern Rosella	<i>Platycercus eximius</i>	4
<b>Growth and Development</b>		
Weight (kg)	4	
Growth and Development Count:	4	
<b>Microbiology</b>		
Avian Influenza	1	
Avian Paramyxovirus (PMV)	1	
Salmonella sp.	4	
Microbiology Count:	6	
<b>Physical Examination</b>		
Body Condition	4	
Plumage Condition	4	
Skin Condition	4	
Auscultation	4	
Eyes and Adnexa	4	
Bill	4	
Nares and Nasal Cavity	4	
Ears	4	
Oral Cavity	4	
Wings	4	
Legs	4	
Feet and Claws	4	
Abdominal Palpation	4	
Physical Examination Count:	52	
<b>Serology</b>		
Pbfd (PCR)	4	
Serology Count:	4	
Total Number of Parameters for Species:	<b>66</b>	

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Western Rosella	<i>Platycercus icterotis</i>	2
<b>Growth and Development</b>		
Weight (kg)	2	
Growth and Development Count:	2	
<b>Microbiology</b>		
Avian Influenza	2	
Salmonella sp.	2	
Microbiology Count:	4	
<b>Physical Examination</b>		
Body Condition	2	
Plumage Condition	2	
Skin Condition	2	
Auscultation	2	
Eyes and Adnexa	1	
Bill	2	
Nares and Nasal Cavity	2	
Ears	2	
Oral Cavity	2	
Wings	2	
Legs	2	
Feet and Claws	2	
Abdominal Palpation	2	
Physical Examination Count:	25	
Total Number of Parameters for Species:	<b>31</b>	
Antipodes Island Parakeet	<i>Cyanoramphus unicolor</i>	6
<b>Serology</b>		
Pbfd (PCR - Rolling Circle Amplification)	6	
Pbfd (PCR)	6	
Serology Count:	12	
Total Number of Parameters for Species:	<b>12</b>	

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Red-crowned Parakeet	<i>Cyanoramphus novaezelandiae</i> <i>novaezelandiae</i>	104

#### Growth and Development

Weight (kg)	63
Growth and Development Count:	63

#### Haematology

Haemoparasites	14
Polychromatic Cells	1
White Blood Cells (x 10 E+9/l)	7
Lymphocytes (%)	7
Lymphocytes (x 10 E+9/l)	7
Monocytes (%)	7
Eosinophils (%)	2
Eosinophils (x 10 E+9/l)	2
Basophils (%)	1
Basophils (x 10 E+9/l)	1
Heterophils (%)	7
Heterophils (x 10 E+9/l)	7

Haematology Count: 63

#### Microbiology

Absidia sp.	3
Acremonium sp.	9
Alternaria sp.	3
Aspergillus versicolor	2
Avian Influenza	60
Avian Paramyxovirus (PMV)	60
Chrysosporium sp.	3
Cladosporium sp.	6
Diphtheroids	3
Gram Negative bacilli	3
Mixed opportunistic fungi	12
Mixed organisms	20
Salmonella sp.	64
Staphylococcus sp. (coagulase negative)	10
Yeasts	4

Microbiology Count: 262

#### Physical Examination

Body Condition	63
Plumage Condition	63

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
<b>Physical Examination</b>		
Skin Condition		63
Auscultation		61
Eyes and Adnexa		63
Bill		61
Nares and Nasal Cavity		71
Ears		63
Oral Cavity		62
Wings		62
Legs		62
Feet and Claws		59
Abdominal Palpation		61
Faeces		1
	Physical Examination Count:	815
<b>Serology</b>		
PBFD (PCR)		2
PBFD (PCR - Rolling Circle Amplification)		2
PBFD (PCR)		73
PBFD (PCR)		2
PBFD (HA)		2
PBFD (HI)		2
	Serology Count:	83
	Total Number of Parameters for Species:	<b>1286</b>
Chatham Island Red-crowned Parakeet	<i>Cyanoramphus novaezelandiae chathamensis</i>	1
<b>Serology</b>		
PBFD (PCR)		1
PBFD (PCR)		1
	Serology Count:	2
	Total Number of Parameters for Species:	<b>2</b>
Reischek's Parakeet	<i>Cyanoramphus novaezelandiae hochstetteri</i>	6
<b>Serology</b>		
PBFD (PCR - Rolling Circle Amplification)		6
PBFD (PCR)		6
	Serology Count:	12
	Total Number of Parameters for Species:	<b>12</b>

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Yellow-crowned Parakeet	<i>Cyanoramphus auriceps auriceps</i>	3
<b>Serology</b>		
PBFD (PCR - Rolling Circle Amplification)	3	
PBFD (PCR)	3	
Serology Count:	6	
Total Number of Parameters for Species:	<b>6</b>	
Forbes' Parakeet	<i>Cyanoramphus auriceps forbesi</i>	12
<b>Serology</b>		
PBFD (PCR)	12	
PBFD (PCR)	10	
Serology Count:	22	
Total Number of Parameters for Species:	<b>22</b>	
Orange-fronted Parakeet	<i>Cyanoramphus malherbi</i>	30
<b>Microbiology</b>		
Acremonium sp.	1	
Aspergillus sp.	1	
Gram Negative bacilli	1	
Mixed opportunistic fungi	1	
Normal skin flora	3	
PBFD virus	4	
Penicillium sp.	2	
Yeasts	1	
Microbiology Count:	14	
<b>Parasitology</b>		
Coccidia (Oocysts/gm)	1	
Parasitology Count:	1	
<b>Serology</b>		
PBFD (PCR - Rolling Circle Amplification)	1	
PBFD (PCR)	14	
PBFD (PCR - Rolling Circle Amplification)	16	
PBFD (PCR)	26	
PBFD (PCR)	15	
PBFD (HA)	15	
PBFD (HI)	15	
Serology Count:	102	
Total Number of Parameters for Species:	<b>117</b>	

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Rainbow Lorikeet (Eastern)	<i>Trichoglossus haematodus moluccanus</i>	5
<b>Growth and Development</b>		
Weight (kg)		5
	Growth and Development Count:	5
<b>Microbiology</b>		
Avian Influenza		5
Avian Paramyxovirus (PMV)		5
Salmonella sp.		5
	Microbiology Count:	15
<b>Physical Examination</b>		
Body Condition		5
Plumage Condition		5
Skin Condition		5
Auscultation		5
Eyes and Adnexa		5
Bill		5
Nares and Nasal Cavity		5
Ears		5
Oral Cavity		5
Wings		5
Legs		5
Feet and Claws		5
Abdominal Palpation		5
	Physical Examination Count:	65
<b>Serology</b>		
Pbfd (PCR)		5
	Serology Count:	5
	Total Number of Parameters for Species:	<b>90</b>

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Red-collared Lorikeet	<i>Trichoglossus haematodus rubritorquis</i>	3
<b>Growth and Development</b>		
Weight (kg)		3
	Growth and Development Count:	3
<b>Microbiology</b>		
Avian Influenza		3
Avian Paramyxovirus (PMV)		3
Salmonella sp.		3
	Microbiology Count:	9
<b>Physical Examination</b>		
Body Condition		3
Plumage Condition		3
Skin Condition		3
Auscultation		3
Eyes and Adnexa		3
Bill		3
Nares and Nasal Cavity		3
Ears		3
Oral Cavity		3
Wings		3
Legs		3
Feet and Claws		3
Abdominal Palpation		3
	Physical Examination Count:	39
<b>Serology</b>		
Pbfd (PCR)		3
	Serology Count:	3
	Total Number of Parameters for Species:	<b>54</b>

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Blue and Yellow Macaw	<i>Ara ararauna</i>	9
<b>Growth and Development</b>		
Weight (kg)	9	
Growth and Development Count:	9	
<b>Microbiology</b>		
Avian Influenza	9	
Avian Paramyxovirus (PMV)	9	
Salmonella sp.	9	
Microbiology Count:	27	
<b>Physical Examination</b>		
Body Condition	9	
Plumage Condition	9	
Skin Condition	9	
Auscultation	9	
Eyes and Adnexa	9	
Bill	9	
Nares and Nasal Cavity	9	
Ears	9	
Oral Cavity	9	
Wings	9	
Legs	9	
Feet and Claws	9	
Abdominal Palpation	9	
Physical Examination Count:	117	
<b>Serology</b>		
Pbfd (PCR)	9	
Serology Count:	9	
Total Number of Parameters for Species:	<b>162</b>	

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Red and Green Macaw	<i>Ara chloroptera</i>	6
<b>Growth and Development</b>		
Weight (kg)		6
	Growth and Development Count:	6
<b>Microbiology</b>		
Avian Influenza		6
Avian Paramyxovirus (PMV)		6
Salmonella sp.		6
	Microbiology Count:	18
<b>Physical Examination</b>		
Body Condition		6
Plumage Condition		6
Skin Condition		6
Auscultation		6
Eyes and Adnexa		6
Bill		6
Nares and Nasal Cavity		6
Ears		6
Oral Cavity		6
Wings		5
Legs		6
Feet and Claws		6
Abdominal Palpation		6
	Physical Examination Count:	77
<b>Serology</b>		
PBFD (PCR)		6
	Serology Count:	6
Total Number of Parameters for Species:		<b>107</b>

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Scarlet Macaw	<i>Ara macao</i>	1
<b>Growth and Development</b>		
Weight (kg)	1	
Growth and Development Count:	1	
<b>Microbiology</b>		
Avian Influenza	1	
Avian Paramyxovirus (PMV)	1	
Salmonella sp.	1	
Microbiology Count:	3	
<b>Physical Examination</b>		
Body Condition	1	
Plumage Condition	1	
Skin Condition	1	
Auscultation	1	
Eyes and Adnexa	1	
Bill	1	
Nares and Nasal Cavity	1	
Ears	1	
Oral Cavity	1	
Wings	1	
Legs	1	
Feet and Claws	1	
Physical Examination Count:	12	
<b>Serology</b>		
Pbfd (PCR)	1	
Serology Count:	1	
Total Number of Parameters for Species:	<b>17</b>	

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Sun Conure	<i>Aratinga solstitialis</i>	8
<b>Growth and Development</b>		
Weight (kg)	8	
Growth and Development Count:	8	
<b>Microbiology</b>		
Avian Influenza	8	
Avian Paramyxovirus (PMV)	8	
Salmonella sp.	8	
Microbiology Count:	24	
<b>Physical Examination</b>		
Body Condition	8	
Plumage Condition	8	
Skin Condition	8	
Auscultation	8	
Eyes and Adnexa	8	
Bill	8	
Nares and Nasal Cavity	8	
Ears	8	
Oral Cavity	8	
Wings	8	
Legs	8	
Abdominal Palpation	8	
Physical Examination Count:	96	
<b>Serology</b>		
Pbfd (PCR)	8	
Serology Count:	8	
Total Number of Parameters for Species:	<b>136</b>	

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Musk Lorikeet	<i>Glossopsitta concinna</i>	3
<b>Growth and Development</b>		
Weight (kg)	3	
Growth and Development Count:	3	
<b>Microbiology</b>		
Avian Influenza	3	
Avian Paramyxovirus (PMV)	3	
Salmonella sp.	3	
Microbiology Count:	9	
<b>Physical Examination</b>		
Body Condition	3	
Plumage Condition	3	
Skin Condition	3	
Auscultation	2	
Eyes and Adnexa	3	
Bill	3	
Nares and Nasal Cavity	3	
Ears	4	
Oral Cavity	3	
Wings	3	
Legs	3	
Feet and Claws	3	
Abdominal Palpation	3	
Physical Examination Count:	39	
<b>Serology</b>		
Pbfd (PCR)	3	
Serology Count:	3	
Total Number of Parameters for Species:	<b>54</b>	

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Hawk-headed Parrot	<i>Deropterus accipitrinus</i>	3
<b>Growth and Development</b>		
Weight (kg)	3	
Growth and Development Count:	3	
<b>Microbiology</b>		
Avian Influenza	3	
Avian Paramyxovirus (PMV)	3	
Salmonella sp.	3	
Microbiology Count:	9	
<b>Physical Examination</b>		
Body Condition	3	
Plumage Condition	3	
Skin Condition	3	
Auscultation	3	
Eyes and Adnexa	3	
Bill	3	
Nares and Nasal Cavity	3	
Ears	3	
Oral Cavity	3	
Wings	3	
Legs	3	
Feet and Claws	3	
Abdominal Palpation	2	
Physical Examination Count:	38	
<b>Serology</b>		
Pbfd (PCR)	3	
Serology Count:	3	
Total Number of Parameters for Species:	<b>53</b>	

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Southern Royal Albatross	<i>Diomedea epomophora epomophora</i>	21

#### Blood Chemistry

Total Protein (g/l)	16
Blood Chemistry Count:	16

#### Haematology

Haemolysed	21
Haemoparasites	20
Lipaemic	19
Packed Cell Volume (%)	21
Polychromasia	21
Smudge Cells	21
Thrombocytes	21
White Blood Cells (x 10 E+9/l)	21
Lymphocytes (%)	21
Lymphocytes (x 10 E+9/l)	21
Monocytes (%)	21
Monocytes (x 10 E+9/l)	21
Eosinophils (%)	21
Eosinophils (x 10 E+9/l)	21
Basophils (%)	21
Basophils (x 10 E+9/l)	21
Heterophils (%)	21
Heterophils (x 10 E+9/l)	21
Haematology Count:	375

#### Microbiology

Avian Influenza	20
Avian Paramyxovirus (PMV)	20
Erysipelothrix rhusiopathiae	21
Pasteurella sp.	20
Salmonella sp.	21
Yersinia sp.	21
Microbiology Count:	123

#### Parasitology

Blood Parasites	2
Coccidia	16
Feather lice	21
Strongylidae	16
Tick (numbers)	21
Parasitology Count:	76

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
<b>Physical Examination</b>		
Body Condition		21
	Physical Examination Count:	21
<b>Serology</b>		
Chlamydophila ELISA		21
	Serology Count:	21
	Total Number of Parameters for Species:	<b>632</b>

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Black-browed Mollymawk	<i>Diomedea melanophrys</i>	10

#### Haematology

Haemolysed	10
Haemoparasites	11
Lipaemic	9
Packed Cell Volume (%)	10
Polychromasia	13
Thrombocytes	7
White Blood Cells (x 10 E+9/l)	10
Lymphocytes (%)	10
Lymphocytes (x 10 E+9/l)	10
Monocytes (%)	10
Monocytes (x 10 E+9/l)	10
Eosinophils (%)	10
Eosinophils (x 10 E+9/l)	10
Basophils (%)	10
Basophils (x 10 E+9/l)	10
Heterophils (%)	10
Heterophils (x 10 E+9/l)	10

Haematology Count: 170

#### Microbiology

Avian Influenza	10
Avian Paramyxovirus (PMV)	10
Erysipelothrix rhusiopathiae	10
Pasteurella sp.	10
Salmonella sp.	10
Yersinia sp.	10

Microbiology Count: 60

#### Parasitology

Feather lice	2
Tick (numbers)	2

Parasitology Count: 4

#### Physical Examination

Body Condition	10
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Physical Examination Count: 10

#### Serology

Chlamydophila ELISA	10
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Serology Count: 10

Total Number of Parameters for Species: **254**

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
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## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Grey-headed Mollymawk	<i>Diomedea chrysostoma</i>	10

#### Haematology

Haemolysed	10
Haemoparasites	10
Lipaemic	10
Packed Cell Volume (%)	10
Polychromasia	10
Smudge Cells	10
Thrombocytes	10
White Blood Cells (x 10 E+9/l)	10
Lymphocytes (%)	10
Lymphocytes (x 10 E+9/l)	10
Monocytes (%)	10
Monocytes (x 10 E+9/l)	10
Eosinophils (%)	10
Eosinophils (x 10 E+9/l)	10
Basophils (%)	10
Basophils (x 10 E+9/l)	10
Heterophils (%)	10
Heterophils (x 10 E+9/l)	10

Haematology Count: 180

#### Microbiology

Avian Influenza	10
Avian Paramyxovirus (PMV)	10
Erysipelothrix rhusiopathiae	10
Pasteurella sp.	10
Salmonella sp.	10
Yersinia sp.	10

Microbiology Count: 60

#### Parasitology

Coccidia	1
Strongylidae	1

Parasitology Count: 2

#### Physical Examination

Body Condition	9
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Physical Examination Count: 9

#### Serology

Chlamydophila ELISA	10
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Serology Count: 10

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Total Number of Parameters for Species:		261

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Sooty Shearwater	<i>Puffinus griseus</i>	20

#### Blood Chemistry

Aspartate Aminotransferase (iu/l)	18
Glutamate Dehydrogenase (iu/l)	18
Creatine Phosphokinase (iu/l)	18
Total Protein (g/l)	18
Phosphate (mmol/l)	18
Calcium (mmol/l)	18
Glucose (mmol/l)	18

Blood Chemistry Count: 126

#### Haematology

Fibrinogen (g/l)	18
Haemoglobin (g/l)	18
Haemoparasites	18
Mean Corpuscular Haemoglobin Concentration (g/l)	18
Packed Cell Volume (%)	18
White Blood Cells (x 10 E+9/l)	18
Lymphocytes (x 10 E+9/l)	18
Monocytes (x 10 E+9/l)	18
Eosinophils (x 10 E+9/l)	18
Basophils (x 10 E+9/l)	18
Heterophils (x 10 E+9/l)	18

Haematology Count: 198

#### Microbiology

Campylobacter sp.	15
Coliforms mixed spp	15
Corynebacterium sp.	15
Pasteurella sp.	15
Salmonella sp.	15
Staphylococcus sp. (coagulase negative)	15

Microbiology Count: 90

#### Parasitology

Ascaridia	19
Capillaria	19
Coccidia	19
Strongylidae	19
Heterakis (Faecal Egg Count) (eggs/gm)	19

Parasitology Count: 95

Total Number of Parameters for Species: **509**

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
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## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Mallard	<i>Anas platyrhynchos</i>	5

#### Growth and Development

Weight (kg)	5
Tarsal Length (mm)	5

Growth and Development Count: 10

#### Haematology

Haemoparasites	3
Red Blood Cells	3
Thrombocytes	3
White Blood Cells (x 10 E+9/l)	1
Lymphocytes (%)	1
Lymphocytes (x 10 E+9/l)	1
Monocytes (%)	1
Monocytes (x 10 E+9/l)	1
Heterophils (%)	1
Heterophils (x 10 E+9/l)	1

Haematology Count: 16

#### Microbiology

Avian Influenza	5
Avian Paramyxovirus (PMV)	5
Pasteurella multocida	5
Salmonella sp.	5
Yersinia sp.	5

Microbiology Count: 25

#### Physical Examination

Body Condition	5
Plumage Condition	5
Skin Condition	5
Auscultation	5
Eyes and Adnexa	5
Bill	5
Nares and Nasal Cavity	6
Ears	5
Oral Cavity	5
Wings	5
Legs	4
Feet and Claws	5
Abdominal Palpation	5

Physical Examination Count: 65

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Total Number of Parameters for Species:		116

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Brown Teal	<i>Anas aucklandica chlorotis</i>	90

#### Growth and Development

Weight (kg)	90
Tarsal Length (mm)	88

Growth and Development Count: 178

#### Haematology

Haemoparasites	79
Polychromasia	22
Polychromatic Cells	18
Red Blood Cells	59
Thrombocytes	84
Unidentified Cell Inclusions	1
White Blood Cells (x 10 E+9/l)	83
Lymphocytes (%)	83
Lymphocytes (x 10 E+9/l)	83
Monocytes (%)	67
Monocytes (x 10 E+9/l)	67
Eosinophils (%)	24
Eosinophils (x 10 E+9/l)	24
Basophils (%)	77
Basophils (x 10 E+9/l)	77
Heterophils (%)	84
Heterophils (x 10 E+9/l)	83

Haematology Count: 1015

#### Microbiology

Avian Influenza	86
Avian Paramyxovirus (PMV)	86
Mannheimia haemolytica (Pasteurella haemolytica)	7
Pasteurella multocida	80
Salmonella sp.	88
Yersinia sp.	88

Microbiology Count: 435

#### Parasitology

Ascaridia	51
Capillaria	51
Strongylidae	51
Capillaria (Faecal Egg Count) (eggs/gm)	1
Strongylidae (Faecal Egg Count) (eggs/gm)	3

Parasitology Count: 157

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
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#### Physical Examination

Body Condition	87
Plumage Condition	83
Skin Condition	83
Auscultation	81
Eyes and Adnexa	81
Bill	82
Nares and Nasal Cavity	91
Ears	81
Oral Cavity	82
Wings	87
Legs	79
Feet and Claws	81
Abdominal Palpation	82
Faeces	2
Urine	2
Urates	2

Physical Examination Count: 1086

Total Number of Parameters for Species: **2871**

Blue Duck

*Hymenolaimus malacorhynchos*

5

#### Microbiology

Salmonella sp.	5
Yersinia sp.	5

Microbiology Count: 10

#### Parasitology

Ascaridia	5
Capillaria	5
Coccidia	5
Strongylidae	5
Syngamus (eggs/gm)	5
Heterakis (Faecal Egg Count) (eggs/gm)	5

Parasitology Count: 30

Total Number of Parameters for Species: **40**

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
Paradise Shelduck	<i>Tadorna variegata</i>	17
<b>Growth and Development</b>		
Weight (kg)		17
Tarsal Length (mm)		17
	Growth and Development Count:	34
<b>Haematology</b>		
Haemoparasites		16
Polychromatic Cells		3
Red Blood Cells		14
Thrombocytes		12
White Blood Cells (x 10 E+9/l)		12
Lymphocytes (%)		12
Lymphocytes (x 10 E+9/l)		12
Monocytes (%)		8
Monocytes (x 10 E+9/l)		8
Eosinophils (%)		5
Eosinophils (x 10 E+9/l)		5
Basophils (%)		4
Basophils (x 10 E+9/l)		4
Heterophils (%)		12
Heterophils (x 10 E+9/l)		12
	Haematology Count:	139
<b>Microbiology</b>		
Avian Influenza		17
Avian Paramyxovirus (PMV)		17
Pasteurella multocida		17
Salmonella sp.		17
Yersinia sp.		17
	Microbiology Count:	85
<b>Parasitology</b>		
Ascaridia		7
Capillaria		7
Strongylidae		7
	Parasitology Count:	21
<b>Physical Examination</b>		
Body Condition		17
Skin Condition		17
Auscultation		17
Eyes and Adnexa		17

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
Project Title: All Projects

### Class: Birds (Aves)

Common Name	Taxonomic Name	Count
<b>Physical Examination</b>		
Bill		17
Nares and Nasal Cavity		18
Ears		17
Oral Cavity		17
Wings		17
Legs		16
Feet and Claws		17
Abdominal Palpation		16
	Physical Examination Count:	203
	Total Number of Parameters for Species:	<b>482</b>
Number of Parameters in Class:	<b>30716</b>	Number of Animal Profiles in Class: <b>1178</b>

## Wildlife Health Surveillance Database - Individual Animal Profile Summary

Database Site: Auckland Zoo  
 Project Title: All Projects

### Class: Reptiles (Reptilia)

Common Name	Taxonomic Name	Count
Otago Skink	<i>Oligosoma otagense</i>	97
<b>Microbiology</b>		
Salmonella sp.	92	
Salmonella spp	15	
	Microbiology Count:	107
<b>Parasitology</b>		
Blood Parasites	66	
Cryptosporidia	29	
	Parasitology Count:	95
Total Number of Parameters for Species:		<b>202</b>
Grand Skink	<i>Oligosoma grande</i>	63
<b>Microbiology</b>		
Salmonella sp.	62	
	Microbiology Count:	62
<b>Parasitology</b>		
Blood Parasites	53	
Cryptosporidia	12	
	Parasitology Count:	65
Total Number of Parameters for Species:		<b>127</b>
Jewelled Gecko	<i>Naultinus gemmeus</i>	16
<b>Microbiology</b>		
Non lactose fermenters	1	
Salmonella sp.	47	
	Microbiology Count:	48
Total Number of Parameters for Species:		<b>48</b>
Number of Parameters in Class:		<b>377</b>
Number of Animal Profiles in Class:		<b>176</b>
Number of Parameters in all Classes:		<b>31093</b>
Number of Animal Profiles in all Classes:		<b>1354</b>