

The NATIONAL MUSEUMS of KENYA

Waterbird Count Results in the Rift Valley, Nairobi
and Central, Kenya for July 2018

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CENTRE FOR BIODIVERSITY
RESEARCH REPORTS:
ORNITHOLOGY

NO. 84, FEBRUARY 2019

Supported by:



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NMK Centre for Biodiversity Research Reports: Ornithology No. 84, February 2019

Summary

The July 2018 waterbird counts were carried out in 15 sites in the Rift Valley, Nairobi and Central, Kenya regions. Water levels were high in most sites during the counts particularly at lakes Baringo, Bogoria, Magadi and Ol' Bolossat. A total of 808,862 individual waterbirds of 81 species were recorded across all the 15 sites. Lake Magadi had the highest number of individuals with 449,938 of 37 species followed by Lake Bogoria with 343,266 of 32 species and Lake Baringo with 5,702 of 44 species. The highest number of waterbird species was recorded at Lake Ol' Bolossat with 50 species, followed by Lake Baringo with 44 species, and Lake Magadi and Dandora Sewerage Treatment Works with 37 species each. Across all the 15 sites, Lesser Flamingo *Phoeniconaias minor* was the most abundant species, dominating by 96.7% (781,921) of the total number of individuals counted followed by Greater Flamingo *Phoenicopterus ruber* with 1% (7,978) and Cattle Egret *Bubulcus ibis* with 0.2% (1,690). By regions, the Rift Valley sites had the highest number with 798,906 individuals of 68 species recorded, followed by Nairobi and adjacent areas with 5,102 individuals of 55 species and Central Kenya with 4,854 individuals of 51 species.

Overview

This count marked the twenty-ninth year (1990 to 2018) of coordinated waterbird counts under the waterbird monitoring program in Kenya. The program is coordinated by the National Museums of Kenya in collaboration with the Kenya Wildlife Service and Nature Kenya (EANHS). Like in January 2018, water levels remained high especially in the Rift Valley sites. The counts covered 10 sites in Nairobi and adjacent areas, two sites in Central Kenya, and three sites in the Rift Valley. A total of 107 volunteers participated in these counts. Lack of sufficient corporate support and funding necessitated the counts to involve lower numbers of volunteers and to cover much fewer sites compared to January 2018, when 350 volunteers were involved and 48 sites counted. Though more sites were counted in January 2018, much lower numbers of individuals (294,950) were recorded then. A much higher number of species (126) was recorded in January 2018 compared to July 2018. Special to July 2018 count is the coverage of Lake Baringo which was last counted eleven years ago. It is encouraging to note the excitement and enthusiasm by the community, businesses — hoteliers, fishermen and institutions in Baringo, who welcomed and enjoyed being part

of the waterbird count. This report summarises the results of the waterbird counts carried out in July 2018.

A total of 808,862 individuals of 81 waterbird species were recorded across all the 15 sites covered. The Rift Valley sites had the highest number of waterbirds with 798,906 individuals of 68 waterbird species, followed by Nairobi and adjacent areas with 5,102 individuals of 55 species and Central Kenya with 4,854 individuals of 51 species. Lake Magadi had the highest number of individual waterbirds with 449,938 followed by Lake Bogoria with 343,266 and Lake Baringo with 5,702 (Table 1). The most abundant species was Lesser Flamingo *Phoeniconaias minor* with 781,921 individuals followed by Greater Flamingo *Phoenicopterus ruber* with 7,978 individuals and Cattle Egret *Bubulcus ibis* with 1,690 individuals. Lake Magadi had the highest number of Lesser Flamingo with 57% (445,582), followed by Lake Bogoria with 43% (336,339). Lake Bogoria had the highest number of Greater Flamingo with 80% (6,371), followed by Lake Magadi with 20% (1,607). More details of the counts are summarized in the text and tables (Table 2 to Table 6) below.

Table 1. Summarised results of the July 2018 Waterbird Counts in Kenya.

Site	Date	No. Birds	No. Species
1. Nairobi and adjacent areas			
Dandora Sewerage Treatment Works	18th July 2018	3209	37
Rosslyn Vlei (Gigiri Wetland)	1st August 2018	7	5
HillCrest School Dam	11th July 2018	30	13
Kenyatta University Sewerage Works	25th July 2018	247	22
Limuru Sewerage Works	4th July 2018	33	5
Manguo Floodplain	4th July 2018	165	21
Nairobi National Park	11th July 2018	497	27
Northlands	25th July 2018	211	29
Paradise Lost	1st August 2018	45	16
Thika Sewerage Works	15th July 2018	658	30
TOTAL Nairobi		5,102	55
2. Central Kenya			
Lake Ol' Bolossat	15th July 2018	4819	50
Nyahururu Sewerage	16th July 2018	35	10
TOTAL Central		4,854	51
3. Rift Valley			
Lake Baringo	8th July 2018	5702	44
Lake Bogoria	7th July 2018	343266	32
Lake Magadi	29th July 2018	449938	37
TOTAL Rift Valley		798,906	68
TOTAL Overall		808,862	81

In Nairobi and adjacent areas, the 10 sites covered by counts include ponds and dams in Nairobi National Park, Dandora Sewerage Treatment Works, Rosslyn Vlei (Gigiri Wetland), Hillcrest School Dam, Kenyatta University Sewerage Works, Limuru Sewerage Works, Manguo Floodplain, Northlands, Paradise Lost, Rosslyn Vlei (Gigiri Wetland) and Thika Sewerage Works. A combined total of 5,102 individual waterbirds of 55 species were recorded. Dandora Sewerage Works had the highest number of waterbirds with 3,209 individuals of 37 species, followed by Thika Sewerage Works with 658 individuals of 30 species and Nairobi National Park with 497 individuals of 27 species. The most abundant waterbird species in Nairobi and adjacent areas was Egyptian Goose *Alopochen aegyptiacus* 1,169, followed by Sacred Ibis *Threskiornis aethiopicus* with 689 individuals and White-faced Whistling Duck *Dendrocygna viduata* with 585 individuals. Dandora Sewerage Treatment Works had the highest number of all these dominant species with 81.3% (951) of Egyptian Goose, 49.9% (344) of Sacred Ibis and 87.4% (511) of White-faced Whistling Duck.

In Central Kenya, the counts covered two sites namely Lake Ol' Bolossat and Nyahururu Sewerage Works. A total of 4,854 individuals of 51 waterbird species were recorded. Lake Ol' Bolossat had 4,819 individuals of 50 species and Nyahururu Sewerage had 35 individuals of 10 species. The most abundant species was Yellow-billed Duck *Anas undulata* with 896 individuals followed by Hadada Ibis *Bostrychia hagedash* with 672 individuals and Blacksmith Plover *Vanellus armatus* with 650 individuals. All these species were recorded in highest numbers at Lake Ol' Bolossat.

In the Rift Valley, the waterbird counts covered three lakes namely Bogoria, Baringo and Magadi. A total of 798,906 individual waterbirds of 68 species were recorded. Lake Magadi had the highest number of waterbirds with 449,938 individuals of 37 species, followed by Lake Bogoria with 343,266 individuals of 32 species and Lake Baringo with 5,702 individuals of 44 species. The most abundant species in the Rift Valley sites was Lesser Flamingo with 781,921 individuals followed by Greater Flamingo with 7,978 and Long-tailed Cormorant *Phalacrocorax africanus* with 1,222.

Results

1. Nairobi and adjacent areas

Dandora Sewerage Works

Waterbirds at this sewerage works were counted on 18th July 2018 from 10:03 h to 13:10 h by 11 volunteers in four teams. The weather was cool, calm, slightly windy and cloudy (80%). A total of 3,209 individuals of 37 waterbird species were recorded. Egyptian Goose with 951 individuals was the most abundant, followed by White-faced Whistling Duck with 511 individuals and Sacred Ibis with 344 individuals.

Roslyn Vlei (Gigiri Wetland)

Waterbirds at these sites were counted on 1st August 2018 from 12:43 h to 13:00 h by eight volunteers. The weather was hot, windy with clear skies (cloudy 30%). A total of seven individuals of five waterbird species were recorded. The most abundant species was Sacred Ibis with three individuals, followed by Grey Heron *Ardea cinerea*, Black-headed Heron *Ardea melanocephala*, African Fish Eagle *Haliaeetus vocifer* and Malachite Kingfisher with one individual each.

Hillcrest School Dam

Waterbirds at this dam were counted on 11th July 2018 from 09:00 h to 11:00 h. A total of 30 individuals of 13 species were recorded. The most abundant species was Little Grebe with eight individuals, followed by Black Crake *Amaurornis flavirostra* with seven individuals and Common Moorhen *Gallinula chloropus* with four individuals.

Kenyatta University Sewerage Works

This site was counted by 12 volunteers on 25th July 2018 from 11:40 h to 12:17 h. A total of 247 individuals of 22 waterbird species were counted. The most abundant species was Grey Crowned Crane *Balearica regulorum* with 50 individuals, followed by Little Grebe *Tachybaptus rufocolis* with 38 individuals and White-faced Whistling Duck with 33 individuals.

Limuru Sewerage Works

Waterbirds at this sewerage works were counted on 4th July 2018 from 11:20 h to 11:45 h by 18 volunteers. The weather was chilly, misty and cloudy (100%). A total of 33 individuals of five waterbird species were recorded. The most abundant species was Hadada Ibis with 13 individuals, followed by Egyptian Goose with nine individuals and Sacred Ibis with five individuals.

Manguo Floodplain

Waterbirds at this site were counted on 4th July 2018 from 10:03 h to 11:15 h by 18 volunteers. The weather was chilly, misty and cloudy (100%). A total of 165 individuals of 21 waterbird species were recorded. The most abundant species was Red-knobbed Coot *Fulica cristata* with 53 individuals, followed by Whiskered Tern *Chlidonias hybridus* with 17 individuals and Blacksmith Plover with 13 individuals.

Nairobi National Park

Waterbirds within Nairobi National Park were counted on 11th July 2018 from 10:37 h to 15:10 h by 13 volunteers. The weather was cool, calm and cloudy (85%). A total of 497 individuals of 27 waterbird species were recorded. The most abundant species was Sacred Ibis with 213 individuals, followed by Egyptian Goose with 130 individuals, and Blacksmith Plover with 25 individuals.

Northlands (including Sukari Dam)

This site was counted by 12 volunteers on 25th July 2018 from 10:06 h to 11:20 h. A total of 211 individuals of 29 waterbird species were counted. The most abundant species was Hadada Ibis with 35 individuals, followed by Egyptian Goose with 21 individuals and Yellow-billed Duck with 18 individuals.

Paradise Lost

Waterbirds at this site were counted on 1st August 2018 from 09:18 h to 12:00 h by two volunteers. The weather was cool, calm and cloudy (75%). A total of 45 individuals of 16 waterbird species were recorded. The most abundant species was Great Cormorant *Phalacrocorax carbo* with 10 individuals, followed by Little Grebe, Common Moorhen and Malachite Kingfisher *Alcedo cristata* with five individuals each.

Thika Sewerage Works

Waterbirds at this sewerage works were counted on 15th July 2018 from 09:53 h to 13:05 h by eight volunteers. The weather was cool, calm and partly cloudy (50%). A total of 658 individuals of 30 waterbird species were recorded. The most abundant species was Hadada Ibis with 110 individuals, followed by Cattle Egret with 106 individuals and Sacred Ibis with 92 individuals.

2. Central Kenya

Lake Ol'Bolossat

Waterbirds at this site were counted on 15th July 2018 from 07:13 h to 13:12 h by 33 volunteers in 11 teams. The weather was chilly, calm and cloudy (60%). A total of 4,819 individuals of 50 waterbird species were recorded. The most abundant species was Yellow-billed Duck with 895 individuals, followed by Hadada Ibis with 671 individuals and Blacksmith Plover with 650 individuals.

Nyahururu Sewerage Works

Waterbirds at this sewerage works were counted on 16th July 2018 from 09:50 h to 10:37 h by two volunteers. During the count, the weather was slightly windy, chilly and cloudy (50%). A total of 35 individuals of 10 waterbird species were recorded. The most abundant species was Grey-headed Gull *Larus cirrocephalus* with 14 individuals, followed by Three-banded Plover *Charadrius tricollaris* with six individuals and Red-billed Teal *Anas erythrorhyncha* with four individuals.

3. Rift Valley

Lake Bogoria

Waterbirds in this alkaline lake were counted on 7th July 2018 from 07:17 h to 11:00 h by 26 volunteers in eight teams. The weather was cool, slightly windy and cloudy 70%, later becoming hot. During the counts, the lake water level was high submerging the hot springs, and the shoreline characterized by inundated dead trees. A total of 343,266 individual of 32 waterbird species were recorded. The most abundant species was the Lesser Flamingo with 336,339 individuals followed by Greater Flamingos with 6,371 individuals and Black-necked Grebe *Podiceps nigricollis* with 234 individuals.

Lake Baringo

Waterbirds in this lake were counted on 8th July 2018 from 06:50 h to 14:45 h by 42 volunteers in 11 teams. The weather was slightly windy, cold and cloudy 90%. During the count, the water level was high. A number of public, private and community facilities, buildings and trees adjacent to the lake shoreline were partially and some completely submerged as the lake had expanded by up to two kilometers in some sections. It is estimated that the lake size had increased by about 26%, from 34 km² in July 2015 to 43 km² in July 2018. A total of 5,702 individuals of 44 waterbird species were recorded. The most abundant species was Long-tailed Cormorant with 1,219 individuals, followed by African Darter *Anhinga rufa* with 1,130 individuals and Cattle Egret with 1,054

individuals. The inundated trees on the southern shoreline were a spectacle of breeding herons, egrets, darters and cormorants.

Lake Magadi

Waterbirds in this alkaline lake were counted on 29th July 2018 from 07:02 h to 14:14 h by 19 volunteers in seven teams. The weather was slightly windy, cloudy (65%), warm and later becoming hot. Water levels were high expanding the areas of the lake covered by water significantly. The causeway road across the mid-section of lake was submerged and impassable. A total of 449,938 individuals of 37 waterbird species were recorded. Lesser Flamingo with 445,582 individuals was the most abundant, followed by Greater Flamingo with 1,607 individuals and Great White Pelican *Pelecanus onocrotalus* with 678 individuals.

Acknowledgements

The waterbird counts are coordinated by the National Museums of Kenya (NMK) in collaboration with Kenya Wildlife Service (KWS) and Nature Kenya (EANHS). We are extremely grateful to the African Fund for Endangered Wildlife (AFEW) Kenya Limited for funding this July 2018 waterbird counts. The waterbird count organisers and collaborators appreciate and are grateful to all the volunteers who took part in these counts. The African-Eurasian Waterbird Agreement (AEWA) supported the counts through Nature Kenya by covering some transport costs. We thank the management of Kenyatta University, Northlands, Hillcrest School, Sam Mburu Resort, Paradise Lost, Rosslyn Vlei (Gigiri Wetland), Nyahururu Water and Sewerage Company, Magadi Soda Company Limited, Nairobi Water and Sewerage Company, Dandora Sewerage Treatment Works, Thika Water and Sewerage Company and the Nairobi National Park for their courtesy, welcoming and providing us with permission to access their property to count waterbirds. We thank Nyahururu Bird Club and their members for their support and participation especially for the counts at Lake Ol' Bolossat. Fred Omengo assisted in coordinating the support and security provided by KWS at Lake Ol' Bolossat. The County Government of Baringo provided logistical support at Lakes Bogoria and Baringo. The Island Camp provided robust support and logistics that enabled counts to take place at Lake Baringo. We particularly thank Bonnie Dunbar and Jackson Komen for their support. Nature Kenya through their organized Wednesday Morning Bird Walks and Sunday Birdwatch covered the counts around Nairobi and adjacent areas. Dominic Kiprono Chesire, Kennedy Skenykeny, Nyambu Ednah Kulola and Nelly Ogada assisted in the day to day coordination and collation of the waterbird count data. We apologise to those individuals and institutions whose names have been missed. Thanks to all who went out of their way to provide support through their institutions and in person, and especially the volunteers who committed their time and effort listed below:

Mustafa Adam, Michelle Ajema, Centrine Akiru, Benard Angano, Samuel Antony, Alloys Anuayi, Benjamin Arwata, Wendy Ayres, Edward Cerito, Abel Chebii, Ezekiel Chebii, William Chepkir, Joshua Chepkwony, Willy Chepsoi, Raphael Cherop, Veronicah Cherotich, Dominic Kiprono Chesire, Kimaiyo Dorothy, Bonnie Dunbar, Issa Ferral, Christopher Gakule, Salome Wanjiku Gathunguri, Jonathan Gichomo, Kesem Gilbert,

Charles M. Gitau, John Gitiri, Kasaya Masaba John, Frank Juma, Amina Njoki Kahure, Daniel Kangogu, Titus Kangor, Peter Karani, Sospeter Karanja, Jackson Kasyola, Doreen Kayuyu, Sikenkeny Kennedy, Robert Muli Kiio, Jack Kiiru, Faith Kimaiyo, Michael Kimeli, Mercy Titeu Kimeshua, Max Kimitei, Raphael Kimosop, Christopher Kimuge, James Mburu Kinyanjui, Robert Kipgosok, Boaz Sirma Kiplagat, Evans Komen, Nyambu Ednah Kulola, Patrick Kurere, Wilson Leboo, Kilima Lekiriap, Simon Lelesit, Peter Leweri, Martin C. Matu, Milca Mibei, Edson Mlamba, Zachary Mogaka, Racheal Kavutha Muema, Peter Muhoro, George Muigai, Peter Muriithi, Vincent Muritu, Beatrice Muthoni, Immaculate Muthoni, Maureen Muthoni, Samuel Mwangi, Newton Mwiti, Martha Nakot, Hassan Nalkano, Ibrahim Nandi, Oliver Nasirwa, Peter Ndirangu, Jesse Ndungu, Kuria Ndung'u, Vincent Ngala, Mary Nginga, Joseph Ngotho, Patrick Ngotho, Fleur Ng'weno, Caroline Njoki, Nick Njoroge, Peter Njoroge, Martha Mutiso Nzisa, Jennifer Oduori, Nelly Ogada, Henry Olempakany, Nehemiah Orengo, Misael Osano, James Oyamo, Johnson Parfupor, Michael Parkei, Nick Rutto, Lenangetai Samson, Sidney Shema, Hezekiah Theuri, Ketukei Tipape, Paul Mwangi Wachira, Mary Karanja Wangari, Livian Wangari, Pauline Wairimu Wanjiku, John Wanyoike, David Warui, Cedric Wathiru, Andrew Williams, Gilbert Yatich and Vishal Yoshi.



A team of volunteers counting flamingos

Table 2. Waterbird numbers in Nairobi and adjacent areas counted in July 2018

Species	Dandora Sewerage Works	Rosslyn Vlei (Gigiri Wetland)	HillCrest School Dam	Kenyatta University Sewerage Works	Limuru Sewerage Works	Manguo Floodplain	Nairobi National Park	Northlands	Paradise Lost	Thika Sewerage Works	Total
Little Grebe	152		8	38		2	4		5	2	211
Pink-backed Pelican	5										5
Great Cormorant							13	6	10		29
Long-tailed Cormorant	8		1	8		4	1	9	2	2	35
African Darter			1				10	1			12
Black-crowned Night Heron				2			9			16	27
Cattle Egret	50			13			17			106	186
Little Egret	17						1	1		1	20
Common Squacco Heron	1										1
Madagascar Squacco Heron	1										1
Green-backed Heron							1				1
Yellow-billed Egret	40			2		10			1	19	72
Great Egret						1				8	9
Grey Heron	6	1				9	4	3		1	24
Purple Heron							1				1
Black-headed Heron	1	1	1	7		4		1	2	12	29
Hamerkop						4	2	1		6	13
Marabou Stork				2			1			2	5
Yellow-billed Stork	19			2							21
Sacred Ibis	344	3	1	5	5	11	213	13	2	92	689
Hadada Ibis	59		1	9	13	11	2	35	1	110	241
Glossy Ibis	164										164
African Spoonbill						7	10	1		3	21
Fulvous Whistling Duck	47									3	50
White-faced Whistling Duck	511			33		1	2	12		26	585
White-backed Duck						1			2		3
Spur-winged Goose	1							11			12
Egyptian Goose	951		2	10	9	1	130	21	4	41	1,169
Yellow-billed Duck	57		1	9		7		18		31	123
Red-billed Teal	23			8				5		68	104
Hottentot Teal				7				3			10
Maccoa Duck						1					1
African Fish Eagle		1	1				3		2		7
Black Crake	1		7		2		5	12	1	19	47

Species	Dandora Sewerage Works	Rosslyn Vlei (Gigiri Wetland)	HillCrest School Dam	Kenyatta University Sewerage Works	Limuru Sewerage Works	Manguo Floodplain	Nairobi National Park	Northlands	Paradise Lost	Thika Sewerage Works	Total
Purple Swamphen						2		2			4
Common Moorhen			4			2	3	9	5	6	29
Red-knobbed Coot	10					53					63
Grey Crowned Crane				50	4		14	2	1		71
African Jacana	5					4		6	1	9	25
Black-winged Stilt	2			1				3		1	7
Water Thick-knee	12										12
Kittlitz's Plover	9										9
Three-banded Plover	13						4			13	30
Blacksmith Plover	144			13		13	25	9		19	223
Spur-winged Plover	270			19			15	12		20	336
Crowned Plover										7	7
Green Sandpiper	2							1			3
Wood Sandpiper	9										9
Common Sandpiper	26			4				1	1	4	36
Grey-headed Gull	3										3
Whiskered Tern	107					17					124
White-winged Tern	130										130
Grey-headed Kingfisher			1	4			1	2		4	12
Malachite Kingfisher	7	1	1	1			5	6	5	7	33
Pied Kingfisher	2						1	5			8
Total waterbirds	3,209	7	30	247	33	165	497	211	45	658	5,102
Total species	37	5	13	22	5	21	27	29	16	30	55

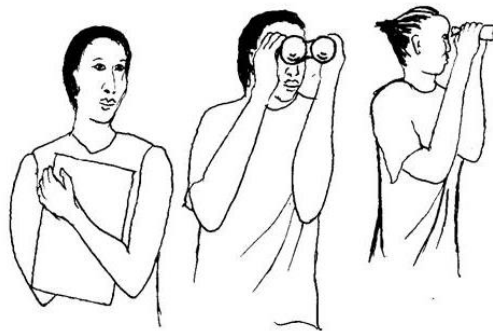


Looking and counting using a telescope

Table 3. Waterbird numbers in Central Kenya sites counted in July 2018

Species	Lake Ol'Bolossat	Nyahururu Sewerage	Total
Little Grebe	9		9
Great White Pelican	34		34
Pink-backed Pelican	6		6
Great Cormorant	2		2
Long-tailed Cormorant	126		126
Black-crowned Night Heron	33		33
Cattle Egret	411		411
Little Egret	2		2
Common Squacco Heron	6		6
Yellow-billed Egret	247		247
Great Egret	46		46
Grey Heron	46		46
Purple Heron	31		31
Goliath Heron	19		19
Black-headed Heron	81		81
Hamerkop	30		30
Saddle-billed Stork	1		1
Yellow-billed Stork	35		35
Sacred Ibis	62	2	64
Hadada Ibis	671	1	672
Glossy Ibis	55		55
African Spoonbill	64	1	65
Fulvous Whistling Duck	8		8
White-faced Whistling Duck	18		18
Spur-winged Goose	14		14
Egyptian Goose	222	2	224
Knob-billed Duck	7		7
Cape Teal	9		9
Yellow-billed Duck	895	1	896
Red-billed Teal	62	4	66
Hottentot Teal	21		21
African Marsh Harrier	11		11
African Fish Eagle	9		9
Black Crake	6		6
Purple Swamphen	10		10
Common Moorhen	47		47
Red-knobbed Coot	30	1	31
Grey Crowned Crane	166		166
African Jacana	14		14
Lesser Jacana	2		2

Species	Lake Ol'Bolossat	Nyahururu Sewerage	Total
Three-banded Plover		6	6
Long-toed Plover	68		68
Blacksmith Plover	650		650
Spur-winged Plover	18		18
Unidentified snipes	40		40
Common Sandpiper	3	3	6
Grey-headed Gull	303	14	317
Gull-billed Tern	9		9
Whiskered Tern	18		18
White-winged Tern	118		118
Malachite Kingfisher	5		5
Pied Kingfisher	19		19
Total waterbirds	4,819	35	4,854
Total species	50	10	51



Looking and counting using Binoculars



Osprey



Crowned Crane

Drawings by Edwin Selemo

Table 4. Waterbird numbers in the Rift Valley sites counted in July 2018

Species	Lake Baringo	Lake Bogoria	Lake Magadi	Total
Black-necked Grebe		234		234
Little Grebe		13		13
Great White Pelican	1	3	678	682
Pink-backed Pelican	3		1	4
Great Cormorant	342		2	344
Long-tailed Cormorant	1,219	3		1,222
African Darter	1,130			1,130
Dwarf Bittern	2			2
Black-crowned Night Heron	3			3
Cattle Egret	1,054	38	1	1,093
Little Egret	2	5	166	173
Dimorphic Egret			1	1
Western Reef Heron			3	3
Black Heron			1	1
Common Squacco Heron	207	6		213
Madagascar Squacco Heron	5		1	6
Green-backed Heron	146	1		147
Yellow-billed Egret	3	7	1	11
Great Egret	90		2	92
Grey Heron	13	2	51	66
Purple Heron	36			36
Goliath Heron	6			6
Black-headed Heron	434	3	1	438
Unidentified herons			1	1
Hamerkop	23	7		30
Woolly-necked Stork		2		2
Marabou Stork		2	16	18
Yellow-billed Stork	62	4	109	175
Sacred Ibis	1	4	10	15
Hadada Ibis	12	24		36
Glossy Ibis		28	21	49
African Spoonbill			127	127
Greater Flamingo		6,371	1,607	7,978
Lesser Flamingo		336,339	445,582	781,921
White-faced Whistling Duck	32			32
Egyptian Goose	8	36	2	46
Knob-billed Duck		1		1
Cape Teal		4	84	88
Yellow-billed Duck	4			4

Species	Lake Baringo	Lake Bogoria	Lake Magadi	Total
Red-billed Teal			69	69
Osprey	2			2
African Fish Eagle	45	2		47
Black Crake	41			41
Allen's Gallinule	18			18
Purple Swamphen	4			4
Common Moorhen	1			1
Grey Crowned Crane	19			19
African Jacana	67			67
Pied Avocet			61	61
Black-winged Stilt		9	80	89
Water Thick-knee	4			4
Collared Pratincole			6	6
Kittlitz's Plover			4	4
Three-banded Plover	1	21		22
Chestnut-banded plover			388	388
Blacksmith Plover		5	68	73
Spur-winged Plover	2	85		87
Unidentified plovers			4	4
Little Stint			26	26
Ruff			24	24
Common Greenshank			1	1
Common Sandpiper		1	7	8
Grey-headed Gull	33		486	519
Gull-billed Tern	6		3	9
Whiskered Tern	257		68	325
White-winged Tern	19		175	194
Grey-headed Kingfisher	4	2		6
Malachite Kingfisher	27	2		29
Giant Kingfisher	1			1
Pied Kingfisher	313	1		314
Unidentified kingfishers		1		1
Total waterbirds	5,702	343,266	449,938	798,906
Total species	44	32	37	68

Table 5. List of waterbird species, scientific names and summary of total numbers counted in July 2018 in Kenya. Name and order of listing is according to the Bird Committee (1996).

Species	Scientific name	Total	Species	Scientific name	Total
Black-necked Grebe	<i>Podiceps nigricollis</i>	234	Yellow-billed Duck	<i>Anas undulata</i>	1,023
Little Grebe	<i>Tachybaptus ruficollis</i>	233	Red-billed Teal	<i>Anas erythrorhynchos</i>	239
Great White Pelican	<i>Pelecanus onocrotalus</i>	716	Hottentot Teal	<i>Anas hottentota</i>	31
Pink-backed Pelican	<i>Pelecanus rufescens</i>	15	Maccoa Duck	<i>Oxyura maccoa</i>	1
Great Cormorant	<i>Phalacrocorax carbo</i>	375	Osprey	<i>Pandion haliaetus</i>	2
Long-tailed Cormorant	<i>Phalacrocorax africanus</i>	1,383	African Marsh Harrier	<i>Circus ranivorus</i>	11
African Darter	<i>Anhinga rufa</i>	1,142	African Fish Eagle	<i>Haliaeetus vocifer</i>	63
Dwarf Bittern	<i>Ixobrychus sturmii</i>	2	Black Crake	<i>Amaurornis flavirostra</i>	94
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	63	Allen's Gallinule	<i>Porphyrio alleni</i>	18
Cattle Egret	<i>Bubulcus ibis</i>	1,690	Purple Swamphen	<i>Porphyrio porphyrio</i>	18
Little Egret	<i>Egretta garzetta</i>	195	Common Moorhen	<i>Gallinula chloropus</i>	77
Dimorphic Egret	<i>Egretta (g.) dimorpha</i>	1	Red-knobbed Coot	<i>Fulica cristata</i>	94
Western Reef Heron	<i>Egretta gularis</i>	3	Grey Crowned Crane	<i>Balearica regulorum</i>	256
Black Heron	<i>Egretta ardesiaca</i>	1	African Jacana	<i>Actophilornis africanus</i>	106
Common Squacco Heron	<i>Ardeola ralloides</i>	220	Lesser Jacana	<i>Microparra capensis</i>	2
Madagascar Squacco Heron	<i>Ardeola idae</i>	7	Pied Avocet	<i>Recurvirostra avosetta</i>	61
Green-backed Heron	<i>Butorides striatus</i>	148	Black-winged Stilt	<i>Himantopus himantopus</i>	96
Yellow-billed Egret	<i>Mesophoyx intermedia</i>	330	Water Thick-knee	<i>Burhinus vermiculatus</i>	16
Great Egret	<i>Casmerodius alba</i>	147	Collared Pratincole	<i>Glareola pratincola</i>	6
Grey Heron	<i>Ardea cinerea</i>	136	Kittlitz's Plover	<i>Charadrius pecuarius</i>	13
Purple Heron	<i>Ardea purpurea</i>	68	Three-banded Plover	<i>Charadrius tricollaris</i>	58
Goliath Heron	<i>Ardea goliath</i>	25	Chestnut-banded plover	<i>Charadrius pallidus</i>	388
Black-headed Heron	<i>Ardea melanocephala</i>	548	Long-toed Plover	<i>Vanellus crassirostris</i>	68
Unidentified herons		1	Blacksmith Plover	<i>Vanellus armatus</i>	946
Hamerkop	<i>Scopus umbretta</i>	73	Spur-winged Plover	<i>Vanellus spinosus</i>	441
Woolly-necked Stork	<i>Ciconia episcopus</i>	2	Crowned Plover	<i>Vanellus coronatus</i>	7
Saddle-billed Stork	<i>Ephippiorhynchus senegalensis</i>	1	Unidentified plovers		4
Marabou Stork	<i>Leptoptilos crumeniferus</i>	23	Little Stint	<i>Calidris minuta</i>	26
Yellow-billed Stork	<i>Mycteria ibis</i>	231	Ruff	<i>Philomachus pugnax</i>	24
Sacred Ibis	<i>Threskiornis aethiopicus</i>	768	Unidentified snipes		40
Hadada Ibis	<i>Bostrychia hagedash</i>	949	Common Greenshank	<i>Tringa nebularia</i>	1
Glossy Ibis	<i>Plegadis falcinellus</i>	268	Green Sandpiper	<i>Tringa ochropus</i>	3
African Spoonbill	<i>Platalea alba</i>	213	Wood Sandpiper	<i>Tringa glareola</i>	9
Greater Flamingo	<i>Phoenicopterus (r.) roseus</i>	7,978	Common Sandpiper	<i>Actitis hypoleucos</i>	50
Lesser Flamingo	<i>Phoeniconaias minor</i>	781,921	Grey-headed Gull	<i>Larus cirrocephalus</i>	839
Fulvous Whistling Duck	<i>Dendrocygna bicolor</i>	58	Gull-billed Tern	<i>Sterna nilotica</i>	18
White-faced Whistling Duck	<i>Dendrocygna viduata</i>	635	Whiskered Tern	<i>Chlidonias hybridus</i>	467
White-backed Duck	<i>Thalassornis leuconotus</i>	3	White-winged Tern	<i>Chlidonias leucopterus</i>	442
Spur-winged Goose	<i>Plectropterus gambensis</i>	26	Grey-headed Kingfisher	<i>Halcyon leucocephala</i>	18
Egyptian Goose	<i>Alopochen aegyptiacus</i>	1,439	Malachite Kingfisher	<i>Alcedo cristata</i>	67
Knob-billed Duck	<i>Sarkidiornis melanotos</i>	8	Giant Kingfisher	<i>Ceryle maxima</i>	1
Cape Teal	<i>Anas capensis</i>	97	Pied Kingfisher	<i>Ceryle rudis</i>	341
			Unidentified kingfishers		1
			Tota waterbirds		808,862
			Total species		81

Table 6. Number of waterbirds by groups in the different regions counted in July 2018 in Kenya.

Waterbird Groups	Nairobi and adjacent areas	Central	Rift Valley	Total
BIRDS OF PREY	7	20	49	76
CORMORANTS	64	128	1,566	1,758
CRANES	71	166	19	256
DARTERS	12	0	1,130	1,142
DUCKS	2,057	1,263	240	3,560
FLAMINGOS	0	0	789,899	789,899
GREBES	211	9	247	467
GULLS	3	317	519	839
HAMERKOP	13	30	30	73
HERONS	371	922	2,292	3,585
IBISES & SPOONBILLS	1,115	856	227	2,198
JACANAS	25	16	67	108
KINGFISHERS	53	24	351	428
PELICANS	5	40	686	731
PLOVERS	605	742	578	1,925
PRATINCOLES	0	0	6	6
RAILS & COOTS	143	94	64	301
SANDPIPERS	48	46	59	153
STILTS & AVOCETS	7	0	150	157
STORKS	26	36	195	257
TERNS	254	145	528	927
THICK-KNEES	12	0	4	16

**Published by the National Museums of Kenya
PO Box 40658, 00100, Nairobi, Kenya**

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