



OIA 17-E-295
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OFFICIAL INFORMATION REQUEST

I refer to your official information request 3 July 2017 for the following:

"1/How many kiwi listed by DoC as "Alive" in the attached PDF document - are known to be Alive as of today's date? Can you also please provide a detailed list of date and cause of death - of any that have died?"

2/Can you please provide a list of all Operation Nest Egg chicks, sourced as eggs from the Tongariro Kiwi Sanctuary or anywhere else, and also the fate of wild hatched monitored chicks - that have been released into the Tongariro Forest, for each year, since 2012 (inclusive)? Please include their current status - alive or dead, and date and cause of death?"

Please find enclosed the information which you requested.

Yours sincerely

[REDACTED]

Allan Munn
Director Operations
Central North Island

Tongariro Forest Kiwi Sanctuary Kiwi Chicks (to 183 days)

The list includes all monitored chicks within Tongariro Forest Kiwi Sanctuary since 06/07 season. However obviously represents only a proportion of total TFKS chick population. Every chick listed was radio-tagged (sex listed if known)

When cause of death was established (using expert opinion, evidence, and pathology/Massey University) it was listed. When cause of death was not conclusively able to be established (carcasses too decomposed/not located/lack of evidence) it was listed as cause unknown.

List does not include any 09/10, 13/14 and 16/17 monitored chicks as during that season O.N.E. was used and all chicks were crèched outside Tongariro Forest Kiwi Sanctuary

Chick ID	Sex	First transmitter on	Age on	Outcome date	Days with transmitter on	Last age	Death	Outcome (& cause)
R01		29-Sep-06	6	01-Mar-07	154	160	1	DEAD, mustelid predation
Lahar-nui (D37)	F	3-Oct-06	7	28-Mar-07	176	183	0	reached sub-adult status
Lg5		19-Oct-06	4	15-Apr-07	178	182	1	DEAD, mustelid predation
Thunder bolt(Mm3)	M	19-Oct-06	17	15-Apr-07	178	195	1	reached sub-adult status
Anouk (D38)	F	20-Oct-06	12	3-Apr-07	165	177	0	reached sub-adult status
Mickey(Mm4)	M	22-Oct-06	16	7-Apr-07	167	183	0	reached sub-adult status
Lg4		25-Oct-06	14	12-Apr-07	169	183	0	reached sub-adult status
Zaine (Dy5)	F	26-Oct-06	8	19-Apr-07	175	183	0	reached sub-adult status
T30		27-Oct-06	7	7-Jan-07	72	79	1	DEAD, mustelid predation
Ma9		27-Oct-06	9	2-Mar-07	126	135	1	DEAD, mustelid predation
Ma8		27-Oct-06	12	27-Jan-07	92	104	0	Dropped Tx
Kaimai (T40)	F	27-Oct-06	12	16-Apr-07	171	183	0	reached sub-adult status
Iti (W7)	F	7-Nov-06	16	23-Apr-07	167	183	0	reached sub-adult status
Little Moa (LD5)	M	16-Nov-06	2	16-May-07	181	183	0	reached sub-adult status
Diva (LD4)	M	16-Nov-06	5	13-May-07	178	183	0	reached sub-adult status
Rocket (MR7)	M	22-Nov-06	6	18-May-07	177	183	0	reached sub-adult status
M01		28-Nov-06	17	20-Apr-07	143	160	1	DEAD, mustelid predation
Spike (PP7)	F	11-Dec-06	8	4-Jun-07	175	183	0	reached sub-adult status
Ln2		20-Dec-06	17	1-Feb-07	43	60	0	Dropped Tx
Pooki (Tb8)	F	22-Jan-07	1	23-Jul-07	182	183	0	reached sub-adult status

Chick ID	Sex	First transmitter on	Age on	Outcome date	Days with transmitter on	Last age	Death	Outcome (& cause)
LD6		24-Apr-07	2	21-Jun-07	58	60	1	DEAD, mustelid predation
Kivi(Ro2)	F	11-Oct-07	4	7-Apr-08	179	183	0	reached sub-adult status
T32		18-Oct-07	4	13-Nov-07	26	30	1	DEAD, cause unknown
T31		19-Oct-07	10	24-Nov-07	36	46	1	DEAD, misadventure
Windsor(Ma12)	F	26-Oct-07	8	18-Apr-08	175	183	0	reached sub-adult status
M02		29-Oct-07	9	6-Jan-08	69	78	1	Dead, mustelid predation
W9		2-Nov-07	9	30-Dec-07	58	67	0	Assumed transmitter failure
Tiaho(W8)	M	2-Nov-07	14	19-Apr-08	169	183	0	reached sub-adult status
Dy10		4-Nov-07	4	25-Nov-07	21	25	1	dead, mustelid predation
Ln4		6-Nov-07	4	20-Nov-07	14	18	1	DEAD, misadventure
Ln3		6-Nov-07	9	11-Jan-08	67	76	0	Dropped Tx
Awa (LD9)	F	8-Nov-07	3	6-May-08	180	183	0	reached sub-adult status
TB10		12-Nov-07	5	18-Dec-07	36	41	0	Dropped Tx
TB9		12-Nov-07	1	25-Jan-08	74	75	0	Assumed transmitter failure
L34		15-Nov-07	3	10-Feb-08	87	90	0	Dropped Tx
L33		15-Nov-07	6	6-Mar-08	112	118	0	Dropped Tx
Ma13		23-Nov-07	23	16-Feb-08	85	108	0	Dropped Tx
Piwi	M	22-Feb-08	8	15-Aug-08	175	183	0	reached sub-adult status
Ln6		7-Apr-08	6	02-May-08	25	31	1	Dead, mustelid predation
LD11		1-May-08	25	10-May-08	9	34	1	Dead, mustelid predation
Spe2	M	15-Oct-08	24	30-Oct-08	15	39	1	DEAD, Stoat/ferret predation
M03		22-Oct-08	7	8-Nov-08	17	24	1	DEAD, Stoat/ferret predation
Tai2		22-Oct-08	2	15-Nov-08	24	26	1	DEAD, most likely stoat predation
Tai1		22-Oct-08	7	9-Jan-09	79	86	1	DEAD, Stoat predation
Tb11		29-Oct-08	8	6-Jan-09	69	77	1	DEAD, ferret predation

Chick ID	Sex	First transmitter on	Age on	Outcome date	Days with transmitter on	Last age	Death	Outcome (& cause)
Tb12 (Kratos)	M	29-Oct-08	4	26-Apr-09	179	183	0	reached sub-adult status
Dy14		30-Oct-08	3	5-Nov-08	6	9	1	DEAD, stoat predation
Ro5		30-Oct-08	4	16-Dec-08	47	51	1	DEAD, Stoat predation
Ro4		30-Oct-08	7	9-Jan-09	71	78	1	DEAD, Stoat predation
Ma16		4-Nov-08	4	27-Dec-08	53	57	1	DEAD, most likely stoat predation
Ma15		4-Nov-08	7	30-Jan-09	87	94	1	DEAD, Stoat predation
L27		11-Nov-08	8	10-Dec-08	29	37	1	DEAD, signs pig predation or scavenging
L28		11-Nov-08	6	2-Jan-09	52	58	1	DEAD, Stoat predation
Ld12		8-Jan-09	6	24-Jan-09	16	22	1	DEAD, Stoat predation
Ld13		9-Jan-09	3	24-Jan-09	15	18	1	DEAD, Stoat predation
Muzza(He20)	M	22-Feb-09	5	19-Aug-09	178	183	0	reached sub-adult status
MM6	F	26-Feb-09	3	25-Aug-09	180	183	0	reached sub-adult status
Tb13	M	23-Mar-09	10	12-Sep-09	173	183	0	reached sub-adult status
Mo4	M	26-Mar-09	13	12-Sep-09	170	183	0	reached sub-adult status
Ma17		14-Apr-09	9	28-Apr-09	14	23	1	DEAD, misadventure
Mo5	F	17-Apr-09	16	25-Apr-09	8	24	1	DEAD, misadventure
Tai4	M	6-May-09	26	14-May-09	8	34	1	DEAD, predation
Dn1		16/09/2010	4	25/09/2010	9	13	1	Presumably dead, only found Tx
Lg14		1/10/2010	11	14/10/2010	13	24	1	DEAD, predation
Tw6		16/10/2010	18	21/10/2010	5	23	1	Presumably dead, only found Tx
Tw5		16/10/2010	4	25/10/2010	9	13	1	DEAD, predation
Lg15		22/10/2010	23	30/10/2010	8	31	1	DEAD, predation
Tai8		2/11/2010	16	18/01/2011	77	93	1	DEAD, cause unknown
Katoa (Mx23)		2/11/2010	14	20/04/2011	169	183	0	reached sub-adult status
Mx24		7/11/2010	11	12/12/2010	35	46	1	DEAD, mustelid predation
Ma18		9/11/2010	12	19/11/2010	10	22	1	DEAD, predation

Chick ID	Sex	First transmitter on	Age on	Outcome date	Days with transmitter on	Last age	Death	Outcome (& cause)
Ma19		19/11/2010	11	30/11/2010	11	22	1	DEAD, predation
Mr 15		26/11/2010	14	4/01/2011	39	53	0	Dropped Tx
L32		8/12/2010	23	15/12/2010	7	30	1	DEAD, mustelid predation
D50		8/12/2010	13	21/12/2010	13	26	1	DEAD, predation
Fo2		8/12/2010	12	21/03/2011	103	115	1	DEAD, feline or mustelid predation
Kr1		6/01/2011	16	21/01/2011	15	31	1	DEAD, mustelid predation
Rk3		6/01/2011	21	17/06/2011	162	183	0	reached sub-adult status
Ro12		19/01/2011	15	21/01/2011	2	17	1	DEAD, ferret predation
Lq16		19/01/2011	18	22/01/2011	3	21	1	DEAD, cause unknown
Tai9		19/01/2011	26	25/06/2011	157	183	0	reached sub-adult status
Tai10		26/01/2011	12	7/03/2011	40	52	1	DEAD, cause unknown
Lq17		2/02/2011	12	4/02/2011	2	14	1	DEAD, stoat predation
Ltm1		2/02/2011	15	20/07/2011	168	183	0	reached sub-adult status
Mx25		3/03/2011	25	11/07/2011	130	155	0	Dropped Tx
Mx26		23/03/2011	20	31/07/2011	130	150	0	ALIVE
Fo3		1/04/2011	20	24/04/2011	23	43	1	DEAD, predation
Fo4	F	30/09/2011	14	17/03/2012	169	183	0	Reached sub-adult status
Lg18	M	5/10/2011	15	21/03/2012	168	183	0	Reached sub-adult status
Rk5	M	15/10/2011	16	30/03/2012	167	183	0	Reached sub-adult status
Hr2	F	20/10/2011	15	31/01/2012	103	118	1	DEAD, mustelid predation
Lg19	F	20/10/2011	13	7/04/2012	170	183	0	Reached sub-adult status
Hr1	M	20/10/2011	18	2/04/2012	165	183	0	Reached sub-adult status
Pp13	M	27/10/2011	14	19/12/2011	53	67	1	DEAD, mustelid predation
Rk6	M	3/11/2011	16	6/12/2011	33	49	1	DEAD, signs pig predation or scavenging
Tai11	F	3/11/2011	21	13/04/2012	162	183	0	Reached sub-adult status
Gu4	F	22/11/2011	15	8/05/2012	168	183	0	Reached sub-adult status

Chick ID	Sex	First transmitter on	Age on	Outcome date	Days with transmitter on	Last age	Death	Outcome (& cause)
Tai12	M	22/11/2011	21	2/05/2012	162	183	0	Reached sub-adult status
Gu5		2/12/2011	14	31/01/2012	60	74	1	DEAD, most likely stoat predation
Lg20	M	18/01/2012	16	3/07/2012	167	183	0	Reached sub-adult status
Hr3	M	1/02/2012	17	16/07/2012	166	183	0	Reached sub-adult status
Pm4	F	8/02/2012	22	15/02/2012	7	29	1	DEAD, misadventure
Lg21	M	14/02/2012	24	23/02/2012	9	33	1	DEAD, cause unknown
Hr4	F	14/02/2012	17	2/04/2012	48	65	1	DEAD, mustelid predation
Pp15	M	6/03/2012	21	5/04/2012	30	51	1	DEAD, mustelid predation
Dn3		14/03/2012	14	30/08/2012	169	183	0	Reached sub-adult status
Dn4		15/03/2012	8	3/05/2012	49	57	1	DEAD, most likely stoat predation
Tai13	F	16/03/2012	28	27/03/2012	11	39	1	DEAD, cause unknown
Mx28	F	17/03/2012	28	21/04/2012	35	63	1	DEAD, mustelid predation
Tew7		2/05/2012	15	19/05/2012	17	32	1	DEAD, disease
Lg22	F	4/05/2012	15	22/05/2012	18	33	1	DEAD, misadventure
Lg23	M	1/06/2012	24	10/06/2012	9	33	1	DEAD, misadventure
Fo5 (Fozzie)	F	10/10/2012	18	30/10/2012	20	38	1	DEAD, mustelid predation
Lg24 (L.Ross)	M	10/10/2012	18	24/03/2013	165	183	0	Reached sub-adult status
Hr6 (Hiver)	F	15/10/2012	17	19/12/2012	65	82	1	DEAD, stoat predation
Mx30 (Max)	M	24/10/2012	17	27/11/2012	34	51	1	DEAD, misadventure
Lg25	F	24/10/2012	17	23/03/2013	150	167	1	DEAD, cause unknown
Dn5 (Dino)	F	31/10/2012	18	7/01/2013	68	86	1	DEAD, cause unknown
Gu6 (Gulliver)	F	31/10/2012	17	19/12/2012	49	66	1	DEAD, mustelid predation
L34 (Lucky)	F	31/10/2012	15	27/11/2012	27	42	1	DEAD, most likely stoat predation
Rk7 (Rocket)	M	31/10/2012	15	27/11/2012	27	42	1	DEAD, predation
L35	F	9/11/2012	18	11/12/2012	32	50	1	DEAD, mustelid predation
PP16 (Peter Pan)	M	9/11/2012	18	2/01/2013	54	72	1	DEAD, mustelid predation
KK1 (Koroki)	M	9/11/2012	18	23/04/2013	165	183	0	Reached sub-adult status

Chick ID	Sex	First transmitter on	Age on	Outcome date	Days with transmitter on	Last age	Death	Outcome (& cause)
KK2	F	9/11/2012	16	25/04/2013	167	183	0	Reached sub-adult status
Gu7	F	9/11/2012	14	7/01/2013	59	73	1	DEAD, mustelid predation
Tw8		22/11/2012	24	7/01/2013	46	70	1	DEAD, cause unknown
Mr14	M	21/11/2012	20	3/05/2013	163	183	0	Reached sub-adult status
Rk8	F	21/11/2012	16	19/12/2012	28	44	1	DEAD, mustelid predation
Tw9		22/11/2012	8	7/01/2013	46	54	1	DEAD, cause unknown
Lg 26		30/01/2013	26	30/04/2013	90	116	1	DEAD, cause unknown
Pm7		25/01/2013	20	31/01/2013	6	26	1	DEAD, predation
D51		24/01/2013	8	15/03/2013	50	58	1	DEAD, cause unknown
Lg 27		30/01/2013	5	1/03/2013	30	35	1	DEAD, most likely stoat predation
Mx32		14/02/2013	20	27/07/2013	163	183	0	Reached sub-adult status
Dn7		18/02/2013	18	5/04/2013	46	64	0	Dropped Tx
Mr16		18/02/2013	17	3/08/2013	166	183	0	Reached sub-adult status
D52		19/02/2013	18	5/03/2013	14	32	1	DEAD, cause unknown
Tai14		6/03/2013	21	15/08/2013	162	183	0	Reached sub-adult status
Oto5		10/10/2014	24	9/12/2014	60	84	1	DEAD, dog predation
Oto6		16/10/2014	19	25/10/2014	9	28	1	DEAD, misadventure
Lg30	M	20/10/2014	22	10/01/2015	82	104	1	DEAD, stoat predation
Dn8		20/10/2014	23	22/01/2015	94	117	1	DEAD, mustelid predation
Dan4		20/10/2014	18	3/04/2015	165	183	0	Reached sub-adult status
Dr1	F	24/10/2014	22	1/11/2014	8	30	1	DEAD, misadventure
Hr9	F	29/10/2014	19	22/12/2014	54	73	1	DEAD, mustelid predation
Mr17	M	29/10/2014	22	20/01/2015	83	105	1	DEAD, most likely stoat predation
Rk11	M	6/11/2014	20	2/02/2015	88	108	1	DEAD, mustelid predation
Lg31		6/11/2014	27	18/03/2015	132	159	1	DEAD, predation
Dan5	F	6/11/2014	21	17/04/2015	162	183	0	Reached sub-adult status
Hr10	M	6/11/2014	23	15/04/2015	160	183	0	Reached sub-adult status

Chick ID	Sex	First transmitter on	Age on	Outcome date	Days with transmitter on	Last age	Death	Outcome (& cause)
KK5	M	20/11/2014	23	1/12/2014	11	34	1	DEAD, mustelid predation
Pm9		20/11/2014	21	29/12/2014	39	60	1	DEAD, predation
Gu10	F	20/11/2014	21	31/12/2014	41	62	1	DEAD, mustelid predation
Rk12	F	20/11/2014	24	28/04/2015	159	183	0	Reached sub-adult status
Tai17	F	20/11/2014	25	27/04/2015	158	183	0	Reached sub-adult status
Tai18	F	27/11/2014	22	7/05/2015	161	183	0	Reached sub-adult status
Mr18		5/12/2014	50	20/12/2014	15	65	1	DEAD, predation
Dn9	M	5/12/2014	50	14/01/2015	40	90	1	DEAD, stoat predation
Ltm4		12/12/2014	21	29/12/2014	17	38	1	DEAD, misadventure
Ltm5		30/12/2014	24	7/06/2015	159	183	0	Reached sub-adult status
Dan6		21/01/2015	15	22/06/2015	152	167	0	Dropped tx
Dan7		21/01/2015	7	16/07/2015	176	183	0	Reached sub-adult status
Mx35		22/01/2015	15	4/02/2015	13	28	1	DEAD, predation
Dn10		29/01/2015	26	5/02/2015	7	33	1	DEAD, predation
Tai 19		10/02/2015	19	19/02/2015	9	28	1	DEAD, predation
Rk13		16/02/2015	13	5/08/2015	170	183	0	Reached sub-adult status
Ltm7		6/10/2015	22	11/12/2015	66	88	1	DEAD, mustelid predation
Oto7		6/10/2015	24	12/01/2016	98	122	1	DEAD, cause unknown
Oto8		20/10/2015	29	11/11/2015	22	51	0	Removed from experiment (to skinny)
Dan8		20/10/2015	21	30/03/2016	162	183	0	Reached sub-adult status
Ltm8		23/10/2015	25	10/12/2015	48	73	1	DEAD, mustelid predation
Mr19		23/10/2015	18	19/12/2015	57	75	1	DEAD, mustelid predation
Dn11		28/10/2015	31	3/11/2015	6	37	1	DEAD, cause unknown
Lg32		28/10/2015	28	31/03/2016	155	183	0	Reached sub-adult status
Dn12		4/11/2015	23	12/11/2015	8	31	1	DEAD, mustelid predation
Mr20		4/11/2015	20	15/04/2016	163	183	0	Reached sub-adult status

Chick ID	Sex	First transmitter on	Age on	Outcome date	Days with transmitter on	Last age	Death	Outcome (& cause)
Rk14		4/11/2015	21	14/04/2016	162	183	0	Reached sub-adult status
Dan9		4/11/2015	25	10/04/2016	158	183	0	Reached sub-adult status
TeHo2		11/11/2015	27	16/11/2015	5	32	1	DEAD, mustelid predation
Hr11		11/11/2015	20	22/12/2015	41	61	1	DEAD, mustelid predation
Rk15		18/11/2015	25	6/12/2015	18	43	1	DEAD, misadventure
Hr12		18/11/2015	26	23/04/2016	157	183	0	Reached sub-adult status
Gu11		27/11/2015	27	11/12/2015	14	41	0	Assumed transmitter failure
TeHo3		27/11/2015	23	17/12/2015	20	43	1	DEAD, mustelid predation
Tai20		9/12/2015	26	10/12/2015	1	27	1	DEAD, mustelid predation
Tai21		17/12/2015	23	1/04/2016	106	129	1	DEAD, misadventure
Dan10		11/01/2016	20	22/06/2016	163	183	0	Reached sub-adult status
Lg33		10/02/2016	20	27/02/2016	17	37	1	DEAD, mustelid predation
TeH4		11/02/2016	5	7/08/2016	178	183	0	Reached sub-adult status
Spe10		25/02/2016	33	24/07/2016	150	183	0	Reached sub-adult status

RELEASED UNDER THE
OFFICIAL INFORMATION ACT

Tongariro Forest Kiwi Sanctuary Sub Adults – defined as 183 days to 4.5 days old.

List includes all monitored sub-adults within Tongariro Forest Kiwi Sanctuary since 06/07 season. However obviously represents only a proportion of total TFKS sub-adults population. Every sub-adults listed was radio-tagged

When cause of death was established (using expert opinion, evidence, and pathology/Massey University) it was listed.

When cause of death was not conclusively able to be established (carcasses too decomposed/not located/lack of evidence) it was listed as cause unknown.

Sub-adult ID	Sex	First Transmitter On	Outcome Date	Outcome (& cause)
Drew	M	25-Apr-2006	19-Jul-2007	Tx failed or disappeared
<i>Tawa</i>	<i>F</i>	<i>7-Jun-2006</i>	<i>11-Jun-2007</i>	<i>DEAD, ferret predation (outside Sanctuary)</i>
<i>Jlo</i>	<i>F</i>	<i>8-Jun-2006</i>	<i>7-Jan-2007</i>	<i>DEAD, cause unknown</i>
Bert	M	30-Jun-2006	5-Nov-2006	Tx failed or disappeared
Freddie	M	30-Jun-2006	11-Oct-2009	> 4 years old, no longer sub-adult
Majors	M	17-Jul-2006	13-Aug-2006	Tx failed or disappeared
Vegas	F	17-Jul-2006	27-Mar-2007	Dropped Tx
Pumpkin	M	10-Aug-2006	8-Feb-2010	> 4 years old, no longer sub-adult
Fozzie	M	9-Jan-2007	18-Jan-2010	> 4 years old, no longer sub-adult
<i>Lahar-Nui</i>	<i>F</i>	<i>28-Mar-2007</i>	<i>5-Sep-2007</i>	<i>DEAD, cause unknown</i>
<i>Thunderbolt</i>	<i>M</i>	<i>3-Apr-2007</i>	<i>29-Apr-2009</i>	<i>DEAD, cause unknown (sign of pig predation/scavenge)</i>
Mickey	M	7-Apr-2007	11-Sep-2009	Dropped Tx
<i>Anouk</i>	<i>F</i>	<i>9-Apr-2007</i>	<i>25-Mar-2008</i>	<i>DEAD, cause unknown</i>
<i>LG4</i>	<i>unknown</i>	<i>12-Apr-2007</i>	<i>20-Apr-2007</i>	<i>DEAD, stoat predation</i>
kaimai	F	16-Apr-2007	14-Dec-2008	Dropped Tx (outside Sanctuary)
Zaine	F	19-Apr-2007	1-Mar-2010	Dropped Tx (found again later breeding with Pumpkin)
<i>Iti</i>	<i>F</i>	<i>23-Apr-2007</i>	<i>21-Nov-2008</i>	<i>DEAD, cause unknown (outside Sanctuary)</i>
Diva	M	13-May-2007	30-Jan-2010	Dropped Tx
Little moa	M	16-May-2007	14-Nov-2010	> 4 years old, no longer sub-adult
Rocket	M	18-May-2007	16-Nov-2010	> 4 years old, no longer sub-adult
Spike	F	4-Jun-2007	3-Dec-2010	> 4 years old, no longer sub-adult

Sub-adult ID	Sex	First Transmitter On	Outcome Date	Outcome (& cause)
Puki	F	14-Jul-2007	29-Oct-2008	Tx failed or disappeared
Jet	F	9-Nov-2007	24-Mar-2008	Dropped Tx
Kivi	F	7-Apr-2008	17-Aug-2010	Dropped Tx
Windsor	F	18-Apr-2008	4-May-2009	Dropped Tx
Tiaho (W8)	M	19-Apr-2008	19-Oct-2010	Tx failed or disappeared
Awa	F	6-May-2008	3-Aug-2010	DEAD, cause unknown
Piwi	M	15-Aug-2008	21-Oct-2008	Broken leg, taken to Massey
Piwi(2)	M	4-Sep-2009	7-Dec-2009	Broken leg again, taken to Massey, later released into TFKS (without Tx)
Kratos (Tb12)	M	26-Apr-2009	3/09/2011	suspected pig predation
Muzza (He20)	F	19-Aug-2009	17-Feb-2013	> 4 years old, no longer sub-adult
Betty Boo (Mm6)	F	25-Aug-2009	23-Feb-2013	> 4 years old, no longer sub-adult
Mo4	M	12-Sep-2009	31-Dec-2009	DEAD, cause unknown but evidence of ferret predation
Tb13	M	12-Sep-2009	30-Dec-2009	DEAD, cause unknown but evidence of ferret predation
Pokorua (Tb14)	M	20-Nov-2009	10-Feb-2010	DEAD, cause unknown but evidence of ferret predation
Digger	M	29-Mar-2010	24-Feb-2011	DEAD, misadventure
Bogeye	F	18-May-2010	8/05/2013	Tx removed (found again later breeding with Dani)
Old Nev	M	20-May-2010	30-May-2011	DEAD, misadventure (caught leg in vine/Lycopodium volubile)
Apollo	M	15-Jul-2010	13-Jan-2014	> 4 years old, no longer sub-adult
Sparkler	F	12-Aug-2010	6/04/2013	Dropped Tx (found again later breeding with Murphy)
Te Koingo	F	12-Aug-2010	17-Oct-2012	> 4 years old, no longer sub-adult
Womble	F	12-Aug-2010	14-Dec-2012	> 4 years old, no longer sub-adult
Aubrey	F	15-Sep-2010	11/12/2012	Tx removed (found breeding with Piwi)
Tuesday	F	2-Oct-2010	28/10/2011	DEAD, misadventure (found in a tomo/hole, probably died of starvation)
Alcapone	M	16-Nov-2010	16/07/2013	Tx removed
Hinuhinu	M	16-Nov-2010	10-Jul-2011	DEAD, misadventure (probably drowned in the Wanganui River)

Sub-adult ID	Sex	First Transmitter On	Outcome Date	Outcome (& cause)
Flygirl	M	6-Jan-2011	12-Feb-2014	> 4 years old, no longer sub-adult
Dani	M	17-Mar-2011	15-Sep-2013	> 4 years old, no longer sub-adult
Mel	M	17-Mar-2011	5/04/2012	Dropped Tx
Ranui	M	17-Mar-2011	10-Jul-2011	DEAD, misadventure (found in a tomo/hole, probably died of starvation)
Mertie	M	23-Mar-2011	21-Sep-2013	> 4 years old, no longer sub-adult
Pebble	F	23-Mar-2011	21-Sep-2013	> 4 years old, no longer sub-adult
Lassie	F	29-Mar-2011	4/11/2012	Dropped Tx
Katoa (Mx23)	unknown	20-Apr-2011	14/06/2012	Tx removed
Koroki	M	10 June 2011	11/10/2014	> 4 years old, no longer sub-adult
Alex (Stu2)	F	10 June 2011	20/09/2014	> 4 years old, no longer sub-adult
Titaki	F	10 June 2011	21/11/2011	Dropped Tx
Comet (Rk3)	unknown	17 June 2011	16/12/2014	> 4 years old, no longer sub-adult
Tai9	unknown	25 June 2011	15-Jul-2011	DEAD, cause unknown but was found in a stream (likely misadventure)
Mokopuna (Ltm1)	unknown	20 July 2011	16-Aug-2011	DEAD, cause unknown (outside Sanctuary)
Rome (Mx26)	M	2/09/2011	11/04/2014	DEAD, cause unknown (suspected being linked to ferret predation event though)
New Nev (Fo4)	F	17/03/2012	15/08/2013	Tx failed or disappeared
Lg18	M	21/03/2012	30/03/2012	DEAD, mustelid predation
Mufasa (Rk5)	M	30/03/2012	29/09/2015	> 4 years old, no longer sub-adult
Hail (Hr1)	M	2/04/2012	2/10/2015	> 4 years old, no longer sub-adult
Hauler (Lg19)	F	7/04/2012	21/03/2013	Tx removed
Opossum (Tai11)	M	13/04/2012	13/10/2015	> 4 years old, no longer sub-adult
Turbo (Tai12)	F	2/05/2012	28/12/2013	Tx failed or disappeared
Chance (Gu4)	M	8/05/2012	7/11/2015	> 4 years old, no longer sub-adult
Lego (Lg20)	M	3/07/2012	2/01/2016	> 4 years old, no longer sub-adult
Harley (Hr3)	M	16/07/2012	6/12/2012	Dropped Tx

Sub-adult ID	Sex	First Transmitter On	Outcome Date	Outcome (& cause)
Te Hokinga (Dn3)	M	30/08/2012	29/02/2016	> 4 years old, no longer sub-adult
Lg24	M	24/03/2013	1/06/2013	Dropped Tx
KK1	M	23/04/2013	15/05/2014	DEAD, ferret predation
KK2	F	25/04/2013	17/06/2013	Dropped Tx
Mr14	M	3/05/2013	2/06/2013	Dropped Tx
Rosie (Mx32)	unknown	27/07/2013	13/10/2013	Tx failed or disappeared
Mr16	unknown	3/08/2013	9/10/2015	Tx removed
Tai14	unknown	15/08/2013	16/10/2013	Tx failed or disappeared
Dan1	F	25/09/2013	29/05/2015	Tx removed
Elise	F	3/10/2013	15/01/2014	DEAD, stoat predation
Honey	F	3/10/2013	8/01/2014	DEAD, misadventure, severe myocardial fibrosis
Primrose	F	3/10/2013	28/09/2015	Tx removed
Turnstone (Mx32)	F	9/11/2013	29/10/2014	Tx failed or disappeared
Georgie (Hr7)	F	27/05/2014	15/10/2014	Dropped Tx
Royal (Hr8)	F	27/06/2014	10/11/2015	Tx removed
Bangle (Rk10)	F	15/08/2014	1/07/2017	ALIVE
Lucy (Dan3)	F	8/10/2014	1/07/2015	Dropped Tx
Oligo (D54)	F	21/10/2014	1/07/2017	ALIVE
Whatiwhati (Tai15)	F	7/11/2014	1/07/2015	Tx removed
Dan4	unknown	3/04/2015	1/10/2015	Tx removed
Zazu (Hr10)	M	15/04/2015	1/07/2017	ALIVE
Dan5	F	17/04/2015	24/06/2015	Tx removed
Von trapp (Oto3)	M	24/04/2015	1/07/2017	ALIVE
Tai17	F	27/04/2015	1/07/2015	Tx failed or disappeared

Sub-adult ID	Sex	First Transmitter On	Outcome Date	Outcome (& cause)
Rk12	M	28/04/2015	1/07/2017	ALIVE
Tai18	F	7/05/2015	25/06/2015	Tx removed
Ltm5		7/06/2015	1/07/2017	ALIVE
Dan7		16/07/2015	15/09/2015	Tx removed
Rk13	unknown	5/08/2015	27/08/2015	Tx removed
<i>Digit (Lg32)</i>	<i>F</i>	<i>28/10/2015</i>	<i>4/04/2017</i>	<i>DEAD, predation</i>
Hr12		23/04/2016	1/07/2017	ALIVE
<i>Rettalick (oto8)</i>	<i>M</i>	<i>19/05/2016</i>	<i>13/12/2017</i>	<i>DEAD, cause unknown</i>
Ketetahi (Spe10)	M	29/05/2017	1/07/2017	Tx failed or disappeared
Mighty Dash (Ch1)	F	23/09/2016	1/07/2017	ALIVE
Tail&Charlie (Mx35)	F	14/03/2017	1/07/2017	ALIVE
Raumati (Hr14)	F	31/03/2017	1/07/2017	ALIVE
Hotoke (Hr13)	F	12/04/2017	1/07/2017	ALIVE

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Tongariro Forest Kiwi Sanctuary Kiwi Adults – defined as 4.5 years old and older

List includes all monitored adults within Tongariro Forest Kiwi Sanctuary since 06/07 season. However obviously represents only a proportion of total TFKS adults population. Every adult listed was radio-tagged. When cause of death was established (using expert opinion, evidence, and pathology/Massey University) it was listed. When cause of death was not conclusively able to be established (carcasses too decomposed/not located/lack of evidence) it was listed as cause unknown. Several dead adults (not monitored or known) were found outside TFKS (greater than 15 km away from sanctuary boundary). These are not listed. Cause of death was hit by cars on road (2)/old gin trap/unknown)

Name	Sex	first transmitter on	outcome date	outcome (& cause)
<i>Tahi</i>	<i>M</i>	<i>15-Dec-92</i>	<i>29-Jul-10</i>	<i>Ferret predation</i>
Rua	M	17-Dec-92	27-Nov-93	Tx removed
<i>Sage</i>	<i>F</i>	<i>11-Feb-93</i>	<i>1-Apr-94</i>	<i>Unknown cause of death</i>
K	F	2-Jun-93	16-Oct-93	Lost
Lucky	M	19-Jul-95	12-Apr-99	Dropped Tx and re-caught on 25/5/99
Doug	M	15-Jan-97	7-Jan-06	Dropped Tx and re-caught on 30/3/06
<i>Andy</i>	<i>M</i>	<i>16-Jan-97</i>	<i>7-Jan-98</i>	<i>Unknown cause of death</i>
Lass	F	2-May-97	16-May-05	Tx removed
<i>Harry</i>	<i>M</i>	<i>28-May-98</i>	<i>14-Feb-01</i>	<i>Unknown cause of death, probably from old age</i>
Mani	M	20-Nov-98	27-May-00	Dropped Tx and re-caught on 8/4/04
<i>Lucky(2)</i>	<i>M</i>	<i>25-May-99</i>	<i>24-Apr-14</i>	<i>Ferret predation</i>
Trevena	F	25-May-99	17-May-05	Tx removed
<i>Te Aukaha</i>	<i>M</i>	<i>8-Jan-00</i>	<i>19-Jul-10</i>	<i>Ferret predation</i>
Pihanga	F	8-Jun-00	15-Apr-05	Tx removed
<i>Toetwo</i>	<i>M</i>	<i>8-Jun-00</i>	<i>11-Feb-09</i>	<i>Ferret predation</i>
Wendy	F	1-Nov-00	2-Jun-04	Tx removed
Ruth	F	29-Nov-00	27-Apr-04	Tx removed
Max	M	30-Nov-00	1-Jul-17	Alive

Name	Sex	first transmitter on	outcome date	outcome (& cause)
Suzanne	F	30-Nov-00	16-Apr-01	Lost and recaptured on 20/5/08
<i>Te Maari</i>	<i>F</i>	<i>21-Jun-01</i>	<i>21-Nov-10</i>	<i>Unknown cause of death</i>
<i>Hemi</i>	<i>M</i>	<i>5-Jul-01</i>	<i>23-Sep-10</i>	<i>Ferret predation</i>
<i>Phoebe</i>	<i>F</i>	<i>29-Aug-01</i>	<i>21-Feb-08</i>	<i>Unknown cause of death</i>
<i>Ra</i>	<i>M</i>	<i>30-Aug-01</i>	<i>1-Feb-07</i>	<i>Unknown cause of death</i>
<i>Tane</i>	<i>M</i>	<i>17-Sep-01</i>	<i>15-Jan-04</i>	<i>Dead, misadventure</i>
Wahanui	F	2-Oct-01	21-May-09	Tx removed
Illy	M	1-Dec-01	11-May-10	Dropped Tx
Koha	F	30-Dec-01	5-Feb-03	Lost
Kahuma	F	11-Jan-02	27-Jun-07	Tx not turned on but re-caught on 10/11/07
Horrace	M	15-Jan-02	4-Feb-10	Ferret predation
PP	M	18-Apr-02	1-Jul-17	Alive
<i>Muffet</i>	<i>F</i>	<i>14-Sep-02</i>	<i>1-Jan-10</i>	<i>Ferret predation</i>
Bow	F	16-Oct-03	22-Apr-04	Tx removed
<i>seagull</i>	<i>M</i>	<i>18-Oct-03</i>	<i>17-Feb-09</i>	<i>Ferret predation</i>
Steve	M	18-Oct-03	1-May-08	Dropped Tx
<i>Koru</i>	<i>F</i>	<i>24-Oct-03</i>	<i>17-Jan-09</i>	<i>Unknown cause of death</i>
<i>Tae</i>	<i>M</i>	<i>16-Nov-03</i>	<i>16-Sep-09</i>	<i>Ferret predation</i>
JJ	F	1-Jan-04	4-May-05	Tx removed
<i>Log. Ross</i>	<i>M</i>	<i>2-Feb-04</i>	<i>27-Dec-16</i>	<i>Dead, suspected ferret predation</i>
Duck	F	7-Feb-04	23-Feb-05	Tx removed
<i>Frosty</i>	<i>M</i>	<i>10-Feb-04</i>	<i>8-Feb-09</i>	<i>Ferret predation</i>
Knobby	M	10-Feb-04	30-Jan-08	Dropped Tx
<i>Waione</i>	<i>M</i>	<i>27-Feb-04</i>	<i>23-Dec-09</i>	<i>Ferret predation</i>

Name	Sex	first transmitter on	outcome date	outcome (& cause)
Taniko	F	1-Mar-04	27-Mar-09	Tx removed
Mani(2)	M	8-Apr-04	1-Dec-10	probably ferret predation
Murphy	M	22-Apr-04	1-Jul-17	Alive
Bill	M	17-May-04	18-Oct-04	Tx removed
Mondy	M	18-May-04	1-Feb-10	Ferret predation
Gee	M	19-May-04	23-Jun-05	Lost
22	F	3-Nov-04	24-Jan-05	Dropped Tx
Daryl	M	30-Jan-05	29-Mar-11	Unknown cause of death
Log. Don	M	10-Mar-05	6-Feb-09	Dropped Tx
Brownie	M	13-Mar-05	25-Feb-09	Gastro
Gonzo	M	28-Jun-05	9-Oct-07	Unknown cause of death
Lola	F	28-Jun-05	1-Mar-07	Dropped Tx
L.Penelope	F	7-Sep-05	8-Jul-08	Tx removed
Rocky	M	2-Nov-05	25-Feb-11	Dropped Tx
Taika	M	26-Jan-06	1-Jul-17	Alive
Mamaku	M	15-Feb-06	20-Dec-09	Dropped Tx
Fluke	M	13-Mar-06	5-Aug-11	Ferret predation
Doug(2)	M	30-Mar-06	13-Apr-16	Tx removed
Speedy	M	11-Apr-06	1-Jul-17	Alive
Lundi	M	26-Jun-06	5-Mar-09	Ferret predation
Te Whare	M	27-Sep-06	30-Apr-14	Lost
Jack	M	29-Sep-06	1-Mar-08	Dropped Tx and re-caught on 29/4/08
Chesnut	M	16-Feb-07	27-Jun-07	dropped Tx
Tootsie	F	27-Feb-07	20-Jun-08	Ferret predation

Name	Sex	first transmitter on	outcome date	outcome (& cause)
Minime	F	30-Jul-07	13-Mar-08	Dropped tx
Gulliver	M	2-Nov-07	1-May-17	Alive
Kahuma(2)	F	10-Nov-07	23-Jun-14	Tx removed
Tracker	F	15-Nov-07	10-Jun-08	Tx removed
Halo	M	20-Jan-08	31-Jul-08	Dropped Tx
Tukituki	M	24-Jan-08	25-Jun-15	Tx removed
<i>Slick</i>	<i>M</i>	<i>27-Jan-08</i>	<i>18-Jan-10</i>	<i>Ferret predation</i>
<i>Trev</i>	<i>M</i>	<i>18-Feb-08</i>	<i>26-Apr-10</i>	<i>Ferret predation</i>
<i>Jack(2)</i>	<i>M</i>	<i>29-Apr-08</i>	<i>9-Jan-11</i>	<i>Unknown cause of death</i>
Suzanne(2)	F	20-May-08	17-Mar-09	Tx removed and re-caught on 12/3/13
Roz	F	10-Jun-08	24-Jun-09	Tx removed
Koroua	M	14-Jul-08	17-Apr-09	Dropped Tx and re-caught on 23/6/14
Fuzzpop	M	23-Sep-08	26-Apr-12	Tx removed
<i>Cough</i>	<i>F</i>	<i>26-Sep-08</i>	<i>10-May-11</i>	<i>Unknown cause of death</i>
<i>Ash</i>	<i>M</i>	<i>29-Dec-08</i>	<i>1-Jan-10</i>	<i>Ferret predation</i>
<i>Goff</i>	<i>M</i>	<i>30-Jan-09</i>	<i>10-Jun-14</i>	<i>Dog predation</i>
<i>Storm</i>	<i>M</i>	<i>8-Feb-09</i>	<i>20-Feb-10</i>	<i>Ferret predation</i>
<i>Freddie</i>	<i>M</i>	<i>11-Oct-09</i>	<i>21-Dec-10</i>	<i>probably ferret predation</i>
Fozzie	M	18-Jan-10	1-Jul-17	Alive
Pumpkin	M	8-Feb-10	1-Jul-17	Alive (with Zaine)
Dino	M	26-May-10	1-Jul-17	Alive
Snorkel	F	6-Oct-10	20-Mar-13	Tx removed
Rocket	M	16-Nov-10	1-Jul-17	Alive
Spike	F	3-Dec-10	14-Oct-12	Dropped Tx

Name	Sex	first transmitter on	outcome date	outcome (& cause)
Zaine	F	26-Mar-11	1-May-13	Tx removed
Hiver	M	27-Jun-11	4-Jun-12	Lost and recaptured on 27/9/12
Ngahere	F	21-Dec-11	23-Apr-13	dropped tx (with Te Whare)
Canoodle	F	17-Apr-12	24-Apr-13	Tx removed (with Rocket)
Mills	M	6-Aug-12	6-Oct-12	Dropped tx (with Muzza)
Hiver (2)	M	27-Sep-12	1-Jul-17	Alive (with Snorkel)
Te koingo	F	17-Oct-12	16-May-13	Dropped Tx
Little moa	M	14-Nov-12	1-Jul-17	Alive
Otoro	M	17-Nov-12	1-Jul-17	Alive
<i>Piwi</i>	<i>M</i>	<i>11-Dec-12</i>	<i>9-Sep-16</i>	<i>Dead (was with Aubrey)</i>
Womble	F	14-Dec-12	19-Mar-15	Tx removed
Muzza	F	17-Feb-13	4-Sep-13	Lost (with Mills)
Betty Boo	F	23-Feb-13	16-Dec-13	Dropped Tx
Suzanne(3)	F	12-Mar-13	1-May-14	Tx removed
Dani	M	15-Sep-13	1-Jul-17	Alive (with Bogeye)
Mertie	M	21-Sep-13	16-Aug-14	Dropped tx
Pebble	F	21-Sep-13	29-May-15	Tx removed (with Catamarca)
Apollo	M	13-Jan-14	1-Jul-17	Alive
Flygirl	M	12-Feb-14	17-Jun-16	Tx removed
Koroua (2)	M	23-Jun-14	25-Jun-15	Tx removed
Alex		21-Sep-14	29-Apr-15	Tx removed (with Te Hokinga)
Koroki		11-Oct-14	1-Jul-17	Alive
Mataririki	M	24-Oct-14	1-Jul-17	Alive
Comet		16-Dec-14	1-Jul-17	Alive (with Dani)

Name	Sex	first transmitter on	outcome date	outcome (& cause)
Catamarca	M	29-May-15	1-Jul-17	Alive (with Pebble)
<i>Mufasa</i>	<i>M</i>	<i>29-Sep-15</i>	<i>7-Sep-16</i>	<i>Dead, ferret predation (found with dead unknown mate)</i>
<i>Hail</i>	<i>M</i>	<i>2-Oct-15</i>	<i>27-Mar-17</i>	<i>Dead, suspected ferret predation</i>
<i>Opposum</i>	<i>F</i>	<i>13-Oct-15</i>	<i>9-Sep-16</i>	<i>Ferret predation</i>
<i>Chance</i>	<i>M</i>	<i>7-Nov-15</i>	<i>11-Feb-17</i>	<i>Dead, suspected ferret predation</i>
Lego	M	2-Jan-16	1-Jul-17	Alive
Te Hokinga	M	29-Feb-16	1-Jul-17	Alive

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