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Appendix 1

Table A1. The number of hunter-killed bears by county and for all of Sweden during 1911–1942 and the period of general hunting, 1943–1980. Data from 1911–1966 are for calendar years and are from the records of the Swedish Forest Enterprise (Domänstyrelsen). Those from 1966/1967–1980/1981 refer to ‘hunting years’, i.e., 1 July – 30 June, and are from the Swedish Environmental Protection Agency. Note that the changes in definitions of year means that the bears listed as killed in 1966 and 1966/67 are the same bears, although two additional bears in the 1966/1967 column were apparently killed between 1 January and 30 June 1967. Note that there also is some overlap between year 1980/1981 in this table and 1981 in Table 5, although the 1980/1981 data would not include bears killed during the 1981 hunting season.

Year	Norrbotten	Västerbotten	Jämtland	Väster- norrland	Gävleborg	Dalarna	Sweden
1911	4	2	1				7
1912	8		1				9
1913			2				2
1914	1	1					2
1915							
1916	2	2					4
1917	5		6				11
1918	1	2	5				8
1919		1	1				2
1920			5				5

1921		1	8			9
1922	2	3	4			9
1923			4			4
1924	1	1	4			6
1925	5	5	4			14
1926	1	2	5			8
1927		1	3	1	1	6
1928						0
1929	2					2
1930			1			1
1931						0
1932			1			1
1933						0
1934		1				1
1935						0
1936	1					1
1937	1					1
1938						0
1939	3					3
1940	1	2				3
1941	2	1				3
1942	7	2	3			12
1943	9	4	1			14
1944	10	3	4			17
1945	14	6	9	1		30
1946	18	3	1			22
1947	9	3	6			18
1948	20	5	2	3		30
1949	10	5				15
1950	4	5	2			11
1951	13	5	1		3	22

1952	10	9			1	20	
1953	9	7	4		1	21	
1954	11	11				22	
1955	17	2	1	1		21	
1956	15	2	10		2	29	
1957	14	2	4			20	
1958	24	4	3		2	33	
1959	14	2	3		3	22	
1960	19	1	5			25	
1961	14	7	2		1	24	
1962	22	4			1	27	
1963	18	8	1	1		28	
1964	18	3	3			24	
1965	24	3	6		1	3	37
1966	27	2	10				39
1966/67	27	1	13				41
1967/68	14	4	3				21
1968/69	13	6					19
1969/70	16		6				22
1970/71	13		6				19
1971/72	15		5				20
1972/73	8		6	1			15
1973/74	6		6				12
1974/75	7		4				11
1975/76	5		3				8
1976/77			7				7
1977/78	7		8				15
1978/79	9		6				15
1979/80	5		6				11
1980/81	12		12				24

Table A2. The quotas and known number of human-killed bears and the cause of death in Norrbotten County, Sweden, during the period of quota hunting, 1981–2013.

Year	Quota	Hunter kill	Known wounding loss	Management kill	Traffic	Other	Total
1981	16	9	0	0	0	1	10
1982	14	10	0	0	0	1	11
1983	15	13	0	0	0	0	13
1984	15	11	0	0	0	1	12
1985	15	11	0	0	0	0	11
1986	16	11	0	0	0	2	13
1987	19	13	0	0	0	0	13
1988	20	14	0	0	0	0	14
1989	19	17	0	0	0	1	18
1990	17	8	0	0	0	0	8
1991	15	13	0	0	0	2	15
1992	16	10	0	0	0	0	10
1993	16	11	0	0	1	0	12
1994	16	12	0	0	0	1	13
1995	16	12	0	0	0	0	12
1996	15	5	1	0	0	2	8
1997	17	12	0	0	0	2	14
1998	18	7	1	0	0	0	8
1999	9	9	0	0	0	6	15
2000	11	11	0	0	0	1	12
2001	12	13	0	0	0	0	13
2002	13	10	0	0	0	2	12
2003	15	15	0	1	2	2	20
2004	20	18	2	1	0	3	24
2005	25	21	3	1	2	4	31
2006	33	25	1	0	3	3	32

2007	50	45	1	2	6	6	60
2008	54	21	0	18	0	3	42
2009	55	55	0	15	1	1	72
2010	72	70	1	10	2	7	90
2011	72	68	4	8	5	3	88
2012	90	84	1	28	2	2	117
2013	90	85	1	17	0	3	106

Table A3. The quotas and known number of human-killed bears and the cause of death in Västerbotten County, Sweden, during the period of quota hunting, 1981–2013.

Year	Quota	Hunter kill	Known wounding loss	Management kill	Traffic	Other	Total
1981	7	1	0	0	0	0	1
1982	11	1	0	0	0	1	2
1983	11	5	0	0	0	1	6
1984	9	7	0	0	0	0	7
1985	10	3	0	0	0	0	3
1986	10	6	0	0	0	0	6
1987	12	7	0	0	0	1	8
1988	12	9	0	0	0	0	9
1989	12	8	0	0	0	0	8
1990	12	9	0	0	0	0	9
1991	10	9	0	0	0	0	9
1992	10	6	0	0	0	0	6
1993	22 ^a	4	0	0	0	0	4
1994	22 ^a	3	0	0	0	1	4
1995	28 ^a	5	0	0	0	0	5
1996	32 ^a	5	0	0	1	0	6
1997	36 ^a	6	0	0	0	1	7
1998	36 ^a	7	1	0	0	1	9
1999	8	4	0	0	0	3	7
2000	8	8	0	0	0	1	9
2001	8	8	0	0	1	0	9
2002	9	9	0	0	1	0	10
2003	10	10	0	0	3	1	14
2004	14	12	0	0	0	0	12
2005	15	10	0	0	0	0	10
2006	20	19	0	1	0	0	20

2007	22	22	0	3	0	2	27
2008	24	24	0	3	3	0	30
2009	24	25	0	0	0	0	25
2010	25	24	1	2	1	1	29
2011	25	25	0	1	1	3	30
2012	25	25	0	5	1	1	32
2013	25	25	0	0	1	0	26

^a Common quota between Västerbotten, Jämtland and Västernorrland

Table A4. The quotas and known number of human-killed bears and the cause of death in Jämtland County, Sweden, during the period of quota hunting, 1981–2013.

Year	Quota	Hunter kill	Known wounding loss	Management kill	Traffic	Other	Total
1981	13	6	0	0	0	1	7
1982	15	10	0	1	0	2	13
1983	13	13	0	0	0	0	13
1984	17	9	0	0	0	1	10
1985	15	13	0	0	0	0	13
1986	19	19	0	0	0	0	19
1987	26	22	0	0	0	0	22
1988	24	22	0	0	1	2	25
1989	23	22	0	2	0	3	27
1990	22	23	0	1	1	1	26
1991	19	18	0	0	0	3	21
1992	18	13	0	0	0	1	14
1993	22 ^a	16	0	1	0	0	17
1994	22 ^a	14	0	0	1	2	17
1995	28 ^a	17	0	1	0	3	21
1996	32 ^a	9	0	0	0	2	11
1997	36 ^a	16	0	0	0	2	18
1998	36 ^a	10	1	1	3	3	18
1999	16 ^b	15	0	0	1	2	18
2000	14 ^b	15	0	1	0	2	18
2001	14	13	1	1	3	8	26
2002	16	16	1	1	1	0	19
2003	18	17	2	2	1	3	25
2004	25	27	0	1	3	3	34
2005	30	27	2	1	1	2	33
2006	32	30	3	3	0	2	38

2007	40	38	2	6	1	3	50
2008	70	68	2	4	1	5	80
2009	70	69	2	2	1	3	77
2010	90	90	1	6	2	2	101
2011	90	87	4	5	1	3	100
2012	80	80	1	24	1	3	109
2013	70	71	0	5	1	5	82

^a Common quota between Västerbotten, Jämtland and Västernorrland

^b Three of these bears could be killed in Västernorrland

Table A5. The quotas and known number of human-killed bears and the cause of death in Västernorrland County, Sweden, during the period of quota hunting, 1981–2013.

Year	Quota	Hunter kill	Known wounding loss	Management kill	Traffic	Other	Total
1981	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0
1989	1	1	0	0	0	0	1
1990	1	0	0	0	0	0	0
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	22 ^a	0	0	0	0	0	0
1994	22 ^a	0	0	0	0	1	1
1995	28 ^a	0	0	0	0	0	0
1996	32 ^a	2	0	0	0	0	2
1997	36 ^a	2	0	0	0	3	5
1998	36 ^a	0	1	0	1	0	2
1999	3 ^b	1	0	0	0	1	2
2000	3 ^b	0	0	0	0	0	0
2001	3	3	0	0	0	1	4
2002	3	2	1	0	0	0	3
2003	4	4	0	0	0	1	5
2004	5	5	0	0	0	1	6
2005	9	8	1	0	0	0	9
2006	12	5	0	0	0	0	5

2007	15	14	1	0	1	1	17
2008	18	13	0	0	0	1	14
2009	22	21	0	0	1	0	22
2010	24	16	1	0	0	2	19
2011	18	17	1	2	2	0	22
2012	22	22	2	0	1	0	25
2013	20	19	2	0	1	2	24

^a Common quota between Västerbotten, Jämtland and Västernorrland

^b Three of the bears of Jämtland's quota could be killed in Västernorrland

Table A6. The quotas and known number of human-killed bears and the cause of death in Dalarna County, Sweden, during the period of quota hunting, 1981–2013.

Year	Quota	Hunter kill	Known wounding loss	Management kill	Traffic	Other	Total
1981	0	0	0	0	0	0	0
1982	0	0	0	0	0	2	2
1983	3	3	0	0	0	2	5
1984	1	0	0	0	0	0	0
1985	0	0	0	0	0	1	1
1986	0	0	0	0	0	0	0
1987	0	0	0	0	0	2	2
1988	3	0	0	0	0	3	3
1989	3	1	0	0	0	0	1
1990	4	3	0	0	0	0	3
1991	5	5	0	0	0	3	8
1992	6	5	0	0	0	1	6
1993	12 ^a	2	0	0	0	1	3
1994	12 ^a	1	0	0	0	5	6
1995	6 ^a	2	0	0	1	3	6
1996	11 ^a	7	0	1	1	4	13
1997	16 ^a	8	1	0	0	1	10
1998	24 ^b	12	0	0	0	2	14
1999	16 ^c	16	0	0	0	12	28
2000	17 ^c	17	0	2	0	5	24
2001	15	15	0	1	0	4	20
2002	15	14	1	0	2	5	22
2003	18	19	0	0	0	2	21
2004	25	25	0	1	3	4	33
2005	26	19	3	1	0	9	32
2006	26	27	0	1	2	2	32

2007	31	30	0	0	1	4	35
2008	35	34	1	1	1	6	43
2009	35	35	0	1	3	3	42
2010	35	30	5	2	0	7	44
2011	38	38	1	0	1	3	43
2012	52	37	0	0	0	4	41
2013	63	62	0	0	0	3	65

^a Common quota between Dalarna and Gävleborg.

^b Common quota between Dalarna, Gävleborg and Värmland.

^c Two of these bears could be killed in Värmland.

Table A7. The quotas and known number of human-killed bears and the cause of death in Gävleborg County, Sweden, during the period of quota hunting, 1981–2013.

Year	Quota	Hunter kill	Known wounding loss	Management kill	Traffic	Other	Total
1981	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0
1987	0	0	0	0	0	1	1
1988	1	0	0	0	0	1	1
1989	1	0	0	0	0	0	0
1990	2	4	0	0	0	1	5
1991	2	2	0	0	1	1	4
1992	0	1	0	0	0	1	2
1993	12 ^a	1	0	0	0	0	1
1994	12 ^a	0	0	0	0	0	0
1995	6 ^a	1	0	0	0	0	1
1996	11 ^a	1	0	0	0	0	1
1997	16 ^a	3	0	1	0	1	5
1998	24 ^b	7	1	0	1	1	10
1999	6	6	1	0	0	0	7
2000	6	6	1	0	1	1	9
2001	6	6	0	0	0	0	6
2002	6	6	0	0	4	3	13
2003	7	7	0	0	0	0	7
2004	10	8	2	1	3	4	18
2005	14	12	2	0	1	1	16
2006	18	16	2	0	0	3	21

2007	24	22	3	1	2	1	29
2008	30	30	0	0	1	2	33
2009	35	36	1	0	3	1	41
2010	40	36	4	1	2	2	45
2011	50	48	2	3	2	2	57
2012	48	44	4	2	1	5	56
2013	37	38	0	2	4	2	46

^a Common quota between Dalarna and Gävleborg.

^b Common quota between Dalarna, Gävleborg and Värmland.

Table A8. The quotas and known number of human-killed bears and the cause of death in Värmland County, Sweden, during the period of quota hunting, 1981–2013.

Year	Quota	Hunter kill	Known wounding loss	Management kill	Traffic	Other	Total
1981	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	0	0	0	0	0	1	1
1994	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0
1998	24 ^a	0	0	0	0	0	0
1999	2 ^b	0	0	0	0	0	0
2000	2 ^b	0	0	0	0	1	1
2001	2	1	0	0	0	0	1
2002	2	2	0	0	0	0	2
2003	2	2	0	0	0	0	2
2004	2	1	0	0	0	0	1
2005	2	2	0	0	0	0	2
2006	2	2	0	0	0	0	2

2007	2	2	0	0	0	0	2
2008	2	2	0	0	0	0	2
2009	2	1	0	0	0	0	1
2010	2	1	0	0	0	0	1
2011	2	2	0	0	0	0	2
2012	2	2	0	0	0	1	3
2013	2	2	0	0	0	0	2

^a Common quota between Dalarna, Gävleborg and Värmland.

^b Two bears from Dalarna's quota could be killed in Värmland.