

Appendix 7.1. Data derived from Flintoff (1933, 1935) relating to levels of persecution (population density) on shooting estates in Yorkshire						
Localities and trapping seasons 01.09.1931 to 31.08.1932 and 01.09.1933 to 31.08.1934						
Es tate	Nat. Grid Ref.	Estate Code	Size of estate (km²)	Stoats killed	Stoats killed per km²	Seasons
Aislaby	NZ/8508	40	8.09	39	4.82	1931-32
Aislaby	NZ/8508	44	2.83	27	9.54	1931-32
Aislaby	NZ/8508	43	8.09	43	5.31	1933-34
Aislaby	NZ/8508	46	4.04	48	11.88	1933-34
Arkengarthdale	NZ/00	33	80.97	80	0.98	1933-34
Arkengarthdale	NZ/00	45	32.38	36	1.11	1933-34
Birchin lee	SK/1691	30	16.19	60	3.7	1931-32
Birchin lee	SK/1691	28	16.19	57	3.52	1933-34
Birdsall	SE/8164	9	72.87	132	1.81	1931-32
Birdsall	SE/8164	8	64.77	163	2.51	1933-34
Boynnton	TA/1368	41	25.5	40	1.56	1931-32
Boynnton	TA/1368	42	25.5	34	1.33	1931-32
Boynnton	TA/1368	44	20.24	46	2.27	1933-34
Bramham Park	SE/4141	48	8.09	29	3.58	1931-32
Burton Agnes	TA/1063	7	24.29	173	7.12	1931-32
Burton Agnes	TA/1063	6	24.29	129	5.31	1933-34
Crosscliffe	SE/9495	25	12.14	27	2.22	1931-32
Crosscliffe	SE/9495	25	12.14	28	2.3	1933-34
Dent	SD/7086	22	18.21	23	1.26	1931-32
Dent	SD/7086	20	18.12	40	2.2	1933-34
Driffield	TA/0258	46	16.19	122	7.53	1931-32
Duncombe Park	SE/6083	19	242.91	182	0.74	1931-32
Egton Bridge	NZ/8005	3	59.1	172	2.91	1931-32
Egton Bridge	NZ/8005	4	59.1	63	0.93	1933-34
Fairburn	SE/4727	18	16.19	20	1.23	1931-32
Fairburn	SE/4727	17	12.14	5	0.41	1933-34
Farndale	SE/6795	26	42.93	47	1.09	1931-32
Farndale	SE/6795	26	42.93	109	2.53	1933-34
Fylingdales	NZ/9304	36	52.63	14	0.26	1931-32
Fylingdales	NZ/9304	34	5.26	20	3.8	1933-34
Gilling East	SE/6176	45	6.47	42	6.49	1931-32
Gilling East	SE/6176	48	6.47	21	3.24	1933-34
Goathland	NZ/8301	1	23.38	10	0.42	1931-32
Goathland	NZ/8301	2	32.38	9	0.27	1933-34
Goldsbrough	SE/3856	39	8.09	48	5.93	1931-32
Goldsbrough	SE/3856	41	8.09	28	3.46	1933-34
Hackness	SE/9690	8	44.53	32	0.71	1931-32
Hackness	SE/9690	7	44.53	47	1.05	1933-34
Hare wood Park	SE/3144	47	4.04	63	15.59	1931-32
Hare wood Park	SE/3144	49	4.04	66	16.33	1933-34
Harome	SE/6482	31	6.07	77	12.68	1933-34
Hazelhead	SE/8099	2	14.17	21	1.48	1931-32
Hazelhead	SE/8099	3	14.17	18	1.27	1933-34
Helwith, Marske	NZ/1000	23	8.09	76	9.39	1933-34

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Appendix 7.1. Continued						
Es tate	Nat. Grid Ref.	Estate Code	Size of estate (km ²)	Stoats killed	Stoats killed per km ²	Seasons
Hotham	SE/8933	5	12.14	111	9.14	1931-32
Hotham	SE/8933	5	12.14	94	7.74	1933-34
Ingmanthorpe	SE/4150	11	20.24	56	2.76	1931-32
Keld, Reeth	NY/8900	50	64.77	50	0.77	1933-34
Law Raw, Reeth	SD/9897	39	12.14	69	5.68	1933-34
Leven Hall	TA/1045	27	12.14	73	6.01	1930-31
Leven Hall	TA/1045	28	12.14	145	11.94	1931-32
Leven Hall	TA/1045	27	4.04	118	29.2	1933-34
Levisham	SE/8390	10	12.14	102	8.4	1931-32
Levisham	SE/8390	11	12.14	112	9.22	1933-34
Lindholme	SE/7006	34	22.26	45	2.02	1931-32
Lindholme	SE/7006	36	20.24	60	6.79	1933-34
Marr Moor Wood	SE/4905	37	8.09	102	12.6	1931-32
Marr Moor Wood	SE/4905	38	8.09	55	6.79	1933-34
Marske	NZ/1000	38	12.14	92	7.57	1931-32
Marske	NZ/1000	40	12.14	107	8.81	1933-34
Muston	TA/0979	13a	36.43	230	6.31	1930-31
Muston	TA/0979	13b	36.43	231	6.34	1931-32
Muston	TA/0979	13	36.43	232	6.36	1932-33
Muston	TA/0979	14	36.43	188	5.16	1933-34
Old Malton	SE/7972	30	16.19	56	3.45	1933-34
Plopton	SE/3554	16	11.33	30	2.64	1931-32
Plopton	SE/3554	16	12.14	30	2.47	1933-34
Rampsholme, Muker	SD/9198	32	15.59	26	1.66	1933-34
Ribston Park	SE/3954	12	18.21	58	3.18	1931-32
Rise Park	TA/1541	43	8.09	48	5.93	1931-32
Rise Park	TA/1451	47	12.14	113	9.3	1933-34
Robston Park	SE/3954	12	18.21	37	2.03	1933-34
Sleights	NZ/8607	32	4.04	25	6.18	1930-31
Sleights	NZ/8607	33	4.04	32	7.92	1931-32
Sleights	NZ/8607	29	4.04	21	5.19	1933-34
Sproxton	SE/6181	21	20.24	54	2.66	1933-34
Thonton-le-Dale	SE/8383	21	4.85	26	5.36	1931-32
Thonton-le-Dale	SE/8383	19	8.09	12	1.48	1933-34
Un named	?	24	10.12	67	6.62	1933-34
Wheeldale Lodge	SE/8198	29	14.17	9	0.63	1931-32
Whitaside, Reeth	SE/0399	1	12.14	30	2.47	1933-34
Wilton	SE/8682	15	6.88	21	3.05	1931-32
Wilton	SE/8682	15	6.88	13	1.88	1933-34

Appendix 7.2. Data on winter whitening of stoats according to gender and locality (From Flintoff (1933, 1935) re-worked according to Geographical regions).												
RECORDING REGIONS	No. of Estates	Brown males	Brown females	Pied males	Pied females	White males	White females	Total males	Total females	Total stoats	Total showing Ermine	% showing Ermine
Counties to north of Yorkshire	7	91	47	11	9	3	2	105	58	163	25	15.3
Yorkshire Pennines & Dales Fringes	11	439	275	24	29	6	15	469	319	785	74	9.4
North York Moors & Hills	24	1441	986	82	89	3	23	1526	1058	2584	197	7.6
Vale of York	10	518	277	10	17	0	1	528	295	823	28	3.4
Yorkshire Wolds & Holderness	6	1047	461	36	25	4	16	1087	502	1589	81	5.1
Total Yorkshire Sites	51	3445	1999	152	160	13	55	3610	2174	5784	380	6.5
Counties to the south of Yorkshire	2	179	66	6	2	0	1	185	69	254	9	3.5

Appendix 7.3. Comments on stoat status				
Date	Locality	Grid ref.	Notes	Source
1880	Bishop Wood, Selby	SE/5633	‘Both stoats and weasels are rather plentiful ... I counted about 200 specimens hung up at the gamekeeper’s museum’	Raine 1880
1881	Yorkshire		Universally distributed, but not so numerous as the weasel.	Clarke & Roebuck 1881
1883	Washburn Valley		Dob Park Wood	Clarke & Roebuck 1883
1886	Upper Nidderdale	SE/16	Not so common as the weasel. Amongst over 795 items on a gamekeeper’s gibbet were 354 weasels and 146 stoats.	Clarke, Roebuck & Storey 1886
1890	Iton, Scarborough	TA/0084	Very common, but less so than formerly, no doubt owing to the persistent persecution by the keepers...	Gyngell 1905
1891	Western Ainsty		Stoats and weasels can be trapped without ...	Waite 1891
1901	Kilnsea		Amongst 26 items on a gamekeeper’s gibbet were 3 weasels and 8 stoats.	Pocock 1901
1901	Kirk Smeaton	SE/5116	Amongst 77 items on a gamekeeper’s gibbet were 48 stoats and weasels.	Sheppard 1901
1903	Kirk Smeaton	SE/5116	Amongst 53 items on a gamekeeper’s gibbet were 29 weasels and 1 stoat.	Sheppard 1903
1904	Suffield, Scarborough	SE/9789	Amongst over 662 items on a gamekeeper’s gibbet were 110 weasels and 130 stoats.	Sheppard 1904
1905	Iton, Scarborough	TA/0084	‘... widely distributed and generally common.’	Gyngell 1905
1910	Sheffield	SK/38	‘... as numerous as they are	Denny 1910
1913	Homsea Mere	TA/1746		Bolam 1913

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1913	York district	SE/55	permitted to be'. '... stoats have been as plentiful as ever the sportsman cares for them to be.' 'The large increase in ground game, and may be rats, mice, voles and shrews appear to account for the undoubted prevalence of ... stoats and it is a long time since these ...	Procter 1913
1915	York district	SE/55	camivores have been so much in evidence'.	Proctor 1915
1922	East Yorkshire		'The stoat and weasel are common.'	Procter 1922
1925	Yorkshire		'Stoats are ubiquitous'	Smith 1926
1928	Yorkshire		'... partially white examples are frequently obtained in winter...'	Fortune 1928
1932	Egton Bridge		172 stoats and 70 weasels killed 1931-32	Flintoff 1933
1932	Driffield		122 stoats and 72 weasels killed 1931-32	Flintoff 1933
1932	Yorkshire		'An increase is indicated in stoats'.	Bramley 1933
1933	Upper Airdale		'Stoats are abundant...'	Bramley 1934
1933	Upper Wharfedale		'Stoats are abundant...'	Bramley 1934
1934	Clints estate, Marske		107 stoats and 54 weasels killed 1933-43	Flintoff 1935
1934	Yorkshire		'... stoat ...are fairly abundant'. Trapped 2000 stoats and 3000 weasels over past 20 years [1914-1934]	Bramley 1935
1934	Pennyholme, Kirby Moorside		'...Both in Yorkshire and adjoining counties reports show a large increase in the number of stoats'	Flintoff 1935
1935	Yorkshire			Bramley 1936
1935	Blackstone Edge		Occurs up to 1,250ft Local in keptered woodland but commoner on the moors.	Bramley 1936
1937	Huddersfield	SE/11		Gallwey 1938
1938	Wakefield	SE/32	'... occur commonly ...'	Gallwey 1939
1938	Huddersfield district	SE/11	'... seem to be decreasing ...'	Gallwey 1939
1938	Airdale	SE/32	'... increasing...'	Gallwey 1939
1938	Upper Wharfedale	SE/05	'... increasing...'	Gallwey 1939
1939	Yorkshire		'... stoats remain about normal'	Hazelwood 1940
1941	York	SE/55	'A considerable increase in the number of stoats...'	Hazelwood 1942
1944	Halifax		'...t'wood full o' stoats but noon a rabbit'	Hazelwood 1945
1946	Spurn	TA/4214	'Stoats are ... especially numerous ...'	Hazelwood 1947
1939-45	East Yorkshire		'...increased noticeably during the war years'.	Hazelwood 1949
1943-46	Un-named North Yorkshire estate		17 weasels trapped compared with 44 stoats 'Some reduction seems to have been effected ...'.	Hewson 1972
1948	East Yorkshire			Hazelwood 1949
1956	Yorkshire		'... ubiquitous...'	Taylor 1956
1956	Yorkshire		'... numbers seem to be maintained'. '... appear to be on the increase due to number of gamekeepers employed'.	Hazelwood 1957
1957	Yorkshire			Hazelwood 1958
1958	Knaresbrough		'... scarcity of stoats since the myxomatosis epidemic...' '... despite the decrease in the numbers of rabbits ... weasels continue to hold their own'.	Hazelwood 1959
1959	Yorkshire		'... widely distributed and in their usual numbers'.	Hazelwood 1960
1960	Yorkshire			Hazelwood 1961

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Pre.1955	Littondale		'More stoats than weasels'.	Govett 1963
1955-1960	Littondale		'More weasels than stoats'.	Govett 1963
			'Now that rabbits are becoming more numerous again the situation seems to be reverting to its former state'.	Govett 1963
1961-1962	Littondale			
	Spurn Bird		Stoat recorded on 8 occasions compared with 32 for weasel.	Govett 1963
1962	Observatory	TA/4214	Weasels more numerous than stoats	Govett 1964
1963	Knarborough Bird ringing Station	SE/3656	Widespread and fairly common ... seems to be increasing in urban areas.	Clegg 1963
1963	Sheffield	SK/38	Common and widespread	Morley 1965
1965	Halifax	SE/02	71 weasels compared with 24 stoats on keepers gibbet.	Clegg 1967
1965	Sandbeck Park	SK/5590	Stoats have declined.	Stead 1966
1966	Tees Marshes	NZ/52	Absence of stoats contrasted with the abundance of weasels	Clegg 1967
1966	Carlton, Bamsley	SE/3510	31 weasels trapped compared with 9 stoats	Hewson 1972
1969	Un-named North Yorkshire estate			