

Year	Years Since 1900 t	Hares (x1000) $H(t)$	Lynx (x1000) $L(t)$	Stella Model Hares (x1000) $\mathcal{H}(t)$	Stella Model Lynx (x1000) $\mathcal{L}(t)$
1900	0	30.0	4.0	30.0	4.0
1901	1	47.2	6.1	43.6	4.4
1902	2	70.2	9.8	61.5	7.0
1903	3	77.4	35.2	76.0	16.8
1904	4	36.3	59.4	61.7	42.4
1905	5	20.6	41.7	28.3	55.8
1906	6	18.1	19.0	13.8	41.6
1907	7	21.4	13.0	10.0	25.6
1908	8	22.0	8.3	9.9	15.2
1909	9	25.4	9.1	12.0	9.2
1910	10	27.1	7.4	16.1	6.0
1911	11	40.3	8.0	22.8	4.4
1912	12	57.0	12.3	33.2	4.0
1913	13	76.6	19.5	48.0	4.8
1914	14	52.3	45.7	66.4	8.5
1915	15	19.5	51.1	76.3	22.0
1916	16	11.2	29.7	52.2	49.3
1917	17	7.6	15.8	22.7	53.4
1918	18	14.6	9.7	12.2	36.9
1919	19	16.2	10.1	9.7	22.3
1920	20	24.7	8.6	10.3	13.3
Ave #		34.1	20.2	34.1	21.3

Model:
 $dH/dt = rH - aHL$; $H(0) = 30$
 $dL/dt = -sL + bHL$; $L(0) = 4$

Model Parameters

Hare:

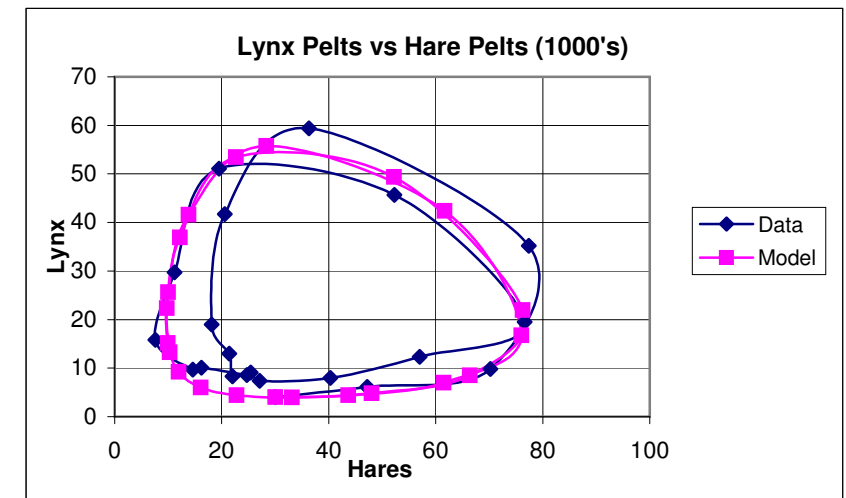
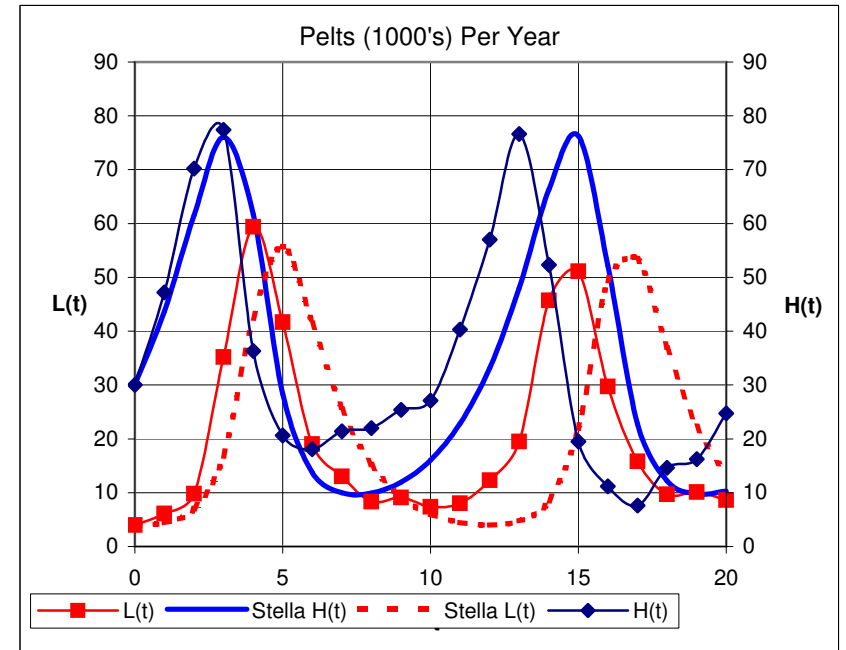
$r = 0.473$
 $a = 0.024$

Lynx:

$s = 0.749$
 $b = 0.023$

Ratios:

$r/a = 19.7$
 $s/b = 32.6$



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