

MONITORING SURVIVAL OF YOUNG IN UNGULATES.

A CASE STUDY FROM ROCKY MOUNTAIN ELK

By

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Table 1. Fate of calf elk radio-marked as neonates during summer (25 May – 31 Aug) by year on the Garnet Mountains study area, west-central Montana, USA, 2002-2006. Proportions of total mortality for that year are presented in parentheses.

<i>Fate</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>Total</i>
<b>Mortality</b>	15	3	7	10	6	<b>41</b>
Predation	10(0.67)	3 (1.00)	4(0.57)	5(0.50)	5(0.83)	<b>27(0.66)</b>
<i>Bear</i>	6	2	2	1	0	<b>11</b>
<i>Cougar</i>	2	0	1	3	1	<b>7</b>
<i>Coyote</i>	1	0	0	0	1	<b>2</b>
<i>Unknown</i>	1	1	1	1	3	<b>7</b>
Malnutrition	2(0.13)	0	2(0.29)	2(0.20)	1(0.17)	<b>7(0.17)</b>
Abandonment	2(0.13)	0	0	0	0	<b>2(0.05)</b>
Disease	1(0.07)	0	1(0.14)	0	0	<b>2(0.05)</b>
Other <sup>a</sup>	0	0	0	2(0.20)	0	<b>2(0.05)</b>
Unknown	0	0	0	1(0.10)	0	<b>1(0.02)</b>
<b>Survived</b>	6	25	42	37	41	<b>151</b>
<b>Censored</b>	6	14	3	2	4	<b>29</b>
<b>Total Sample</b>	<b>27</b>	<b>42</b>	<b>52</b>	<b>49</b>	<b>51</b>	<b>221</b>

<sup>a</sup>Other mortalities included 1 drowning and 1 fence entanglement