

Supplementary Material

Appendix S1. Model sets for estimating density, capture probability (g_0) and scale of movement (σ) using spatially explicit capture-recapture.

	<i>density</i>	<i>g₀</i>	<i>σ</i>
<i>model set 1: live traps σ</i>			
1	session	constant	constant
2	session	constant	year
3	session	constant	season
4	session	constant	year+season
5	session	constant	month
6	session	constant	trip
7	session	constant	session
<i>model set 2: live traps g₀</i>			
1	session	constant	constant
2	session	year	constant
3	session	season	constant
4	session	year+season	constant
5	session	month	constant
6	session	trip	constant
7	session	session	constant
<i>model set 3: live + kill traps g₀</i>			
1	session	constant	constant
2	session	year	constant
3	session	season	constant
4	session	year+season	constant
5	session	month	constant
6	session	trip	constant
7	session	session	constant
<i>model set 4: live + kill traps D + g₀ site effects</i>			
1	session	trip	constant
2	session	trip+site	constant
3	session+site	trip	constant
4	session+site	trip+site	constant