

Appendix 3. Estimates of the number of occupied California spotted owl (A), Northern goshawk (B) and female Pacific marten (C) territories in the Lake Tahoe Basin using the proportion of occupied territories in bins of cumulative sum of occurrence probability within the radius of individual territory centers for the baseline Landis modeling scenario S1R1T001.

A

| Sum of Habitat Suitability within 1200 m | Proportion Occupied (Used/ Available) | Number Available | Actual Number Occupied |
|--|---------------------------------------|------------------|------------------------|
| < 154 | 0 | 107 | 0 |
| 154 to 225 | 22% | 27 | 6 |
| > 225 | 56% | 25 | 14 |

B

| Sum of Habitat Suitability within 1650 m | Proportion Occupied | Number Available | Estimated Number Occupied | Actual Number Occupied | % Relative Bias |
|--|---------------------|------------------|---------------------------|------------------------|-----------------|
| < 100 | 13% | 30 | 3.9 | 4 | 0.0% |
| 100 - 200 | 24% | 21 | 5.04 | 5 | 0.8% |
| > 200 | 64% | 28 | 17.92 | 18 | -0.4% |
| Totals | | | 21.25 | 20 | 6.3% |

C

| Sum of Habitat Suitability within 1 km | Proportion of Occupied Territories | Number Available in LTB | Estimated Number Occupied in LTB |
|--|------------------------------------|-------------------------|----------------------------------|
| < 100 | 13% | 115 | 15.0 |
| 100 - 150 | 19% | 42 | 10.8 |
| > 150 | 69% | 57 | 39.3 |
| Totals | | | 65.1 |

Figure A3-1. Proportion used versus available California Spotted owl (*Strix occidentalis occidentalis*), Northern goshawk (*Accipiter gentilis*), and female Pacific marten (*Martes caurina*) territories represented as species-specific buffers around occupied or available points. Available points were systematically distributed throughout the Lake Tahoe Basin and also buffered by the same species-specific area. Territory occurrence probability values are the sum of the values within each buffer using the baseline (S1R1T001) LANDIS-II modeling scenario.

