

**Table 12.** Relative frequencies (SE) of use of habitat types of radio-collared grizzly bears (*Ursus arctos*) by sex and family status in northwestern Alaska, 1986–1990.

Sex/family status <sup>c</sup>	Habitat types <sup>a</sup>								
	1	2	3	4	5	6	7	8	9
Females	0.090	0.040	0.009	0.233	0.100	0.048	0.002	0.002	0.014
without young	(0.022)	(0.012)	(0.005)	(0.027)	(0.015)	(0.012)	(0.002)	(0.002)	(0.004)
Females	0.090	0.019	0.000	0.109	0.079	0.049	0.011	0.004	0.011
with COY <sup>b</sup>	(0.027)	(0.011)	(0.000)	(0.020)	(0.022)	(0.014)	(0.011)	(0.004)	(0.006)
Females	0.075	0.053	0.013	0.155	0.084	0.040	0.004	0.000	0.000
with yearlings	(0.026)	(0.254)	(0.009)	(0.042)	(0.022)	(0.012)	(0.004)	(0.000)	(0.000)
Males	0.098	0.056	0.006	0.345	0.109	0.033	0.000	0.003	0.017
	(0.024)	(0.019)	(0.004)	(0.029)	(0.018)	(0.010)	(0.000)	(0.003)	(0.005)
Pooled	0.089	0.042	0.007	0.226	0.096	0.043	0.003	0.002	0.012
Significance <sup>c</sup>				1–2					1–3
( <i>P</i> < 0.05)				1–4					3–4
				2–4					
				3–4					

Sex/family status <sup>c</sup>	Habitat types <sup>a</sup>							<i>n</i>	Number of bears	
	10	11	12	13	14	15	16			17
Females	0.203	0.083	0.052	0.036	0.067	0.016	0.003	0.003	580	36
without young	(0.023)	(0.015)	(0.013)	(0.009)	(0.012)	(0.004)	(0.002)	(0.002)		
Females	0.315	0.060	0.109	0.038	0.079	0.026	0.000	0.004	267	29
with COY <sup>b</sup>	(0.043)	(0.013)	(0.028)	(0.015)	(0.019)	(0.012)	(0.000)	(0.004)		
Females	0.248	0.075	0.066	0.066	0.102	0.013	0.004	0.000	226	27
with yearlings	(0.037)	(0.016)	(0.023)	(0.019)	(0.022)	(0.010)	(0.004)	(0.000)		
Males	0.170	0.045	0.036	0.020	0.050	0.011	0.003	0.000	359	23
	(0.028)	(0.010)	(0.011)	(0.007)	(0.011)	(0.005)	(0.003)	(0.000)		
Pooled	0.223	0.068	0.061	0.037	0.071	0.016	0.003	0.002	1,432	
Significance <sup>c</sup>	1–2	1–4	2–4	3–4	3–4					
( <i>P</i> < 0.05)	2–4									

<sup>a</sup> 1 = tall (>6 m) spruce (*Picea* sp.); 2 = moderate height (3.3–6 m) spruce; 3 = short (<3.3 m) spruce; 4=riparian willows (*Salix* sp.); 5 = upland willow; 6 = willow/birch (*Betula* sp.); 7 = riparian hardwood; 8 = marsh; 9 = alder (*Alnus* sp.); 10 = Rock/ice/snow; 11 = sedge/grass; 12 = alpine herbaceous; 13 = short shrub; 14 = mat and cushion tundra; 15 = gravel bar; 16 = mixed birch–spruce; and 17 = birch.

<sup>b</sup> Cubs-of-the-year.

<sup>c</sup> 1 = Females without young; 2 = Females with COY; 3 = Females with yearlings; 4 = Males.