

Rank <sup>§</sup>	Model	$AIC_c$	$\Delta_i$	$w_i$	$k$
1 (1)	Colony presence + Water depth range + Alligator holes	890.26	0.00	0.55	5
2 (2)	Colony presence	891.86	1.59	0.25	3
3 (3)	Colony presence + Water depth range	894.35	4.09	0.07	4
4 (4)	Colony presence + Tree island area	894.45	4.19	0.07	4
5 (5)	Colony presence $\times$ Minimum water depth <sup>†</sup>	895.34	5.08	0.04	7
6 (7)	Tree island area	899.25	8.99	0.01	3
7 (6)	Water depth range	899.35	9.09	0.01	3
8 (9)	Minimum water depth <sup>†</sup>	900.76	10.49	0.00	4
9 (8)	Minimum water depth <sup>†</sup> $\times$ Water depth range	901.56	11.30	0.00	7
10 (10)	Minimum water depth <sup>†</sup> $\times$ Tree island area	904.37	14.11	0.00	7
11 (11)	Minimum water depth <sup>†</sup> $\times$ Alligator holes	906.69	16.43	0.00	7

§ Ranks in parentheses signify their position in model selection for Fulton's factor,  $K$

† Quadratic term included