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Wildlife Research

Supplementary Material

Species-specific spatial and temporal variability in anuran call detection: implications for deploying autonomous recording units

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Supplementary Table S1

Summary of the total number of call detections, the recognition model sensitivity applied and level of false positive error (fully screened) and false negative error (to a margin of error of 0.08).

Species	CR ID	Total machine detections	True detections (Validated)	Proportion of correct detections	False negatives	False positive	Sensitivity applied
<i>Litoria peronii</i>	1	2713	2187	0.806	0.000	0.000	60:60
	2	1583	1380	0.872	0.000	0.000	60:60
	3	3869	2078	0.537	0.000	0.000	60:60
	4	1575	1043	0.662	0.000	0.000	60:60
	5	2535	1734	0.684	0.000	0.000	60:60
	6	613	595	0.971	0.000	0.000	60:60
	7	154	74	0.481	0.000	0.000	60:60
	8	960	949	0.989	0.000	0.000	60:60
	9	843	833	0.988	0.000	0.000	60:60
	10	707	691	0.977	0.041	0.000	60:60
<i>Limnodynastes fletcheri</i>	1	628	28	0.044	0.000	0.000	74:74
	2	739	16	0.021	0.000	0.000	74:74
	3	1023	0	0.000	0.000	0.000	74:74
	4	876	95	0.109	0.000	0.000	74:74
	5	878	56	0.064	0.000	0.000	74:74
	6	241	3	0.012	0.044	0.000	74:74
	7	237	0	0.000	0.000	0.000	74:74
	8	439	0	0.000	0.000	0.000	74:74
	9	292	0	0.000	0.000	0.000	74:74
	10	313	0	0.001	0.000	0.000	74:74
<i>Crinia signifera</i>	1	354	9	0.025	0.044	0.000	70:70
	2	911	26	0.029	0.044	0.000	70:70
	3	365	0	0.000	0.000	0.000	70:70
	4	633	7	0.011	0.044	0.000	70:70
	5	913	133	0.146	0.000	0.000	70:70
	6	2432	5	0.002	0.000	0.000	70:70
	7	290	0	0.000	0.000	0.000	65:65
	8	1173	4	0.003	0.000	0.000	70:70
	9	250	17	0.068	0.000	0.000	65:65

	10	461	31	0.067		0.000	70:70
<i>Crinea parinsignif era</i>	1	941	94	0.100	0.000	0.000	70:70
	2	1050	25	0.024	0.000	0.000	70:70
	3	1194	0	0.000	0.000	0.000	66:66
	4	1098	0	0.000		0.000	72:72
	5	875	0	0.000		0.000	71:71
	6	1183	4	0.003		0.000	70:70
	7	729	0	0.000		0.000	63:63
	8	548	1	0.002	0.000	0.000	70:70
	9	849	0	0.000		0.000	63:63
	10	787	136	0.173		0.000	66:66
<i>Limnodyn astes tasmanien sis</i>	1	1019	45	0.044	0.000	0.000	72:72
	2	468	10	0.021	0.044	0.000	72:72
	3	581	0	0.000	0.000	0.000	72:72
	4	312	34	0.109	0.077	0.000	72:72
	5	329	21	0.064	0.063	0.000	72:72
	6	257	3	0.012	0.102	0.000	70:70
	7	538	0	0.000	0.000	0.000	70:70
	8	480	0	0.000	0.035	0.000	70:70
	9	1365	0	0.000	0.000	0.000	70:70
	10	875	1	0.001	0.044	0.000	70:70