

Table 1

Summary statistics of bird diversity measures by site and by farm.

Index	Per	Average	Minimum	Maximum	Standard deviation
Unlimited radius richness	site	13.3	4	22	3.6
	farm	35.2	24	56	8.0
Unlimited radius abundance	site	24.4	9	64	9.3
	farm	197.7	70	279	54.4
50m radius richness	site	7.0	0	18	4.0
	farm	25.8	15	42	7.2
50m radius abundance	site	12.2	0	38	7.7
	farm	99.0	43	177	33.2
Shannon index x 10	site	7.1	0	11.9	0.3
	farm	11.0	7.0	16.6	0.2
Inverse Simpson index	site	5.6	0	14.0	3.1
	farm	9.3	3.5	17.8	4.1

Table 2

Summary of bird diversity measures by habitat type.

Habitat	n	Unlimited radius		50m radius		Shannon index (x 10)	Inverse Simpson index
		Species	Abundance	Species	Abundance		
Wetland/riparian	28	15.21 <sup>a</sup>	30.71 <sup>a</sup>	11.1 <sup>a</sup>	21.3 <sup>a</sup>	9.53 <sup>a</sup>	8.25 <sup>a</sup>
Homestead	20	13.20 <sup>ab</sup>	25.85 <sup>ab</sup>	8.8 <sup>b</sup>	16.7 <sup>b</sup>	8.36 <sup>a</sup>	6.50 <sup>b</sup>
Upland forest	32	13.63 <sup>ab</sup>	20.75 <sup>b</sup>	8.3 <sup>b</sup>	12.7 <sup>c</sup>	8.38 <sup>a</sup>	6.98 <sup>ab</sup>
Native prairie	26	12.12 <sup>b</sup>	22.38 <sup>b</sup>	7.4 <sup>b</sup>	11.6 <sup>cd</sup>	7.95 <sup>a</sup>	6.18 <sup>b</sup>
Tame pasture	35	12.97 <sup>ab</sup>	23.29 <sup>b</sup>	4.8 <sup>c</sup>	8.4 <sup>d</sup>	5.86 <sup>b</sup>	4.08 <sup>c</sup>
Cultivated crop land	37	12.73 <sup>ab</sup>	24.65 <sup>ab</sup>	3.7 <sup>c</sup>	6.6 <sup>e</sup>	4.23 <sup>c</sup>	3.00 <sup>c</sup>
Average		13.3	24.4	7.0	12.2	7.14	5.62
Standard Deviation		3.6	9.3	4.0	7.7	2.91	3.060
<i>F</i>		2.618	4.388	25.426	24.157	24.759	20.274
<i>P</i>		0.026	0.001	< 0.001	< 0.001	< 0.001	< 0.001

<sup>a-e</sup>Any two means that do not have the same superscript are significantly different at  $p < 0.05$ .