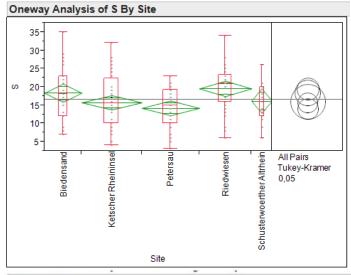
Supplementary Figure 1: ANOVA result for taxa richness



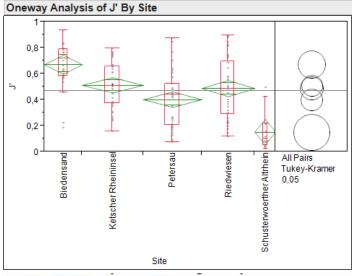
Connecting Letters Report

Level			Mean
Riedwiesen	Α		19,552632
Biedensand	Α	В	18,370370
Schusterwoerther Altrhein	Α	В	16,200000
Ketscher Rheininsel	Α	В	15,750000
Petersau		В	14,238095
Levels not connected by sa	m	e letter ar	e significantly different.

Ordered Differences Ren

Ordered Differences	Report						
Level	- Level	Difference	Std Err Dif	Lower CL	Upper CL	p-Value	
Riedwiesen	Petersau	5,314536	1,477948	1,23696	9,392108	0,0039*	
Biedensand	Petersau	4,132275	1,628353	-0,36026	8,624806	0,0875	
Riedwiesen	Ketscher Rheininsel	3,802632	1,461906	-0,23068	7,835944	0,0749	
Riedwiesen	Schusterwoerther Altrhein	3,352632	2,012941	-2,20095	8,906218	0,4582	
Biedensand	Ketscher Rheininsel	2,620370	1,613807	-1,83203	7,072768	0,4845	
Biedensand	Schusterwoerther Altrhein	2,170370	2,125826	-3,69466	8,035399	0,8454	
Schusterwoerther Altrhein	Petersau	1,961905	1,985627	-3,51632	7,440134	0,8604	
Ketscher Rheininsel	Petersau	1,511905	1,424062	-2,41700	5,440807	0,8258	
Riedwiesen	Biedensand	1,182261	1,661551	-3,40186	5,766382	0,9536	
Schusterwoerther Altrhein	Ketscher Rheininsel	0,450000	1,973716	-4,99537	5,895366	0.9994	

Supplementary Figure 2: ANOVA result for Evenness



Connecting Letters Report

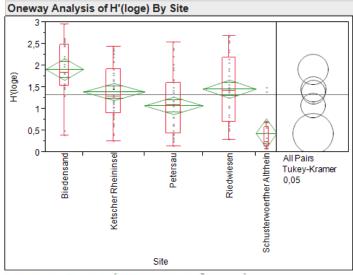
Level		Mean
Biedensand	Α	0,67050194
Ketscher Rheininsel	В	0,51232051
Riedwiesen	В	0,48755193
Petersau	В	0,40227206
Schusterwoerther Altrhein	С	0,15274778

Levels not connected by same letter are significantly different.

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Level	- Level	Difference	Std Err Dif	Lower CL	Upper CL	p-Value	
Biedensand	Schusterwoerther Altrhein	0,5177542	0,0632132	0,343353	0,6921557	<,0001*	
Ketscher Rheininsel	Schusterwoerther Altrhein	0,3595727	0,0586901	0,197650	0,5214952	<,0001*	
Riedwiesen	Schusterwoerther Altrhein	0,3348041	0,0598565	0,169664	0,4999447	<,0001*	
Biedensand	Petersau	0,2682299	0,0484204	0,134641	0,4018190	<,0001*	
Petersau	Schusterwoerther Altrhein	0,2495243	0,0590443	0,086625	0,4124240	0,0004*	
Biedensand	Riedwiesen	0,1829500	0,0494076	0,046637	0,3192627	0,0027*	
Biedensand	Ketscher Rheininsel	0,1581814	0,0479879	0,025786	0,2905772	0,0105*	
Ketscher Rheininsel	Petersau	0,1100484	0,0423457	-0,006781	0,2268777	0,0753	
Riedwiesen	Petersau	0,0852799	0,0439480	-0,035970	0,2065299	0,3004	
Ketscher Rheininsel	Riedwiesen	0,0247686	0,0434710	-0,095165	0,1447025	0,9793	

Supplementary Figure 3: ANOVA result for Shannon's index



Connecting Letters Report

Level		Mean
Biedensand	Α	1,9162703
Riedwiesen	A B	1,4603919
Ketscher Rheininsel	В	1,3953013
Petersau	В	1,0759826
Schusterwoerther Altrhein	С	0,4396441

Site Levels not connected by same letter are significantly different.

Ordered Differences Report

Level	- Level	Difference	Std Err Dif	Lower CL	Upper CL	p-Value	
Biedensand	Schusterwoerther Altrhein	1,476626	0,2126501	0,889937	2,063315	<,0001*	
Riedwiesen	Schusterwoerther Altrhein	1,020748	0,2013581	0,465213	1,576283	<,0001*	
Ketscher Rheininsel	Schusterwoerther Altrhein	0,955657	0,1974343	0,410948	1,500367	<,0001*	
Biedensand	Petersau	0,840288	0,1628870	0,390892	1,289683	<,0001*	
Petersau	Schusterwoerther Altrhein	0,636338	0,1986258	0,088342	1,184335	0,0140*	
Biedensand	Ketscher Rheininsel	0,520969	0,1614319	0,075588	0,966350	0,0130*	
Biedensand	Riedwiesen	0,455878	0,1662078	-0,002679	0,914436	0,0522	
Riedwiesen	Petersau	0,384409	0,1478417	-0.023477	0,792296	0,0751	
Ketscher Rheininsel	Petersau	0,319319	0,1424514	-0,073696	0,712334	0,1699	
Riedwiesen	Ketscher Rheininsel	0.065091	0.1462370	-0,338369	0.468550	0,9918	