Appendix 9. Pearson Correlation Coefficient Matrix on the 83 species found in the 35 different transects. The italicized values were not significant as determined using a Bonferroni-adjusted probability.

	B1	B2	B3	B4	B5
B2	0.831	1			
B3	0.789	0.882	1		
B4	0.696	0.836	0.824	1	
B5	0.714	0.863	0.761	0.771	1
B6	0.815	0.786	0.859	0.742	0.666
B7	0.71	0.852	0.86	0.826	0.679
B8	0.771	0.822	0.781	0.708	0.764
KA1	0.66	0.825	0.751	0.634	0.727
KA2	0.66	0.852	0.803	0.64	0.741
KA3	0.719	0.825	0.736	0.711	0.818
KA4	0.612	0.798	0.728	0.64	0.718
KA5	0.635	0.815	0.787	0.634	0.654
MA1	0.402	0.551	0.478	0.543	0.459
MA2	0.64	0.852	0.751	0.713	0.736
MA3	0.629	0.733	0.727	0.646	0.578
MA4	0.655	0.761	0.678	0.659	0.633
MA5	0.702	0.864	0.762	0.776	0.733
PA1	0.542	0.644	0.63	0.549	0.603
PA2	0.831	0.758	0.709	0.559	0.716
PA3	0.758	0.647	0.665	0.471	0.579
PA4	0.423	0.49	0.574	0.459	*0.355*
	B1	**B2**	**B3**	**B4**	**B5**
PA5	0.762	0.798	0.742	0.613	0.786
PO1	0.852	0.762	0.736	0.636	0.67
PO2	0.89	0.806	0.701	0.635	0.717
PO3	0.909	0.865	0.775	0.67	0.73
PO4	0.889	0.847	0.765	0.635	0.724
PO5	0.73	0.804	0.727	0.676	0.707
WH1	0.603	0.682	0.663	0.734	0.584
WH2	0.707	0.787	0.847	0.715	0.648
	B6	**B7**	**B8**	**KA1**	**KA2**
B7	0.859	1			
B8	0.751	0.73	1		
KA1	0.611	0.66	0.732	1	
KA2	0.615	0.685	0.735	0.911	1
KA3	0.62	0.606	0.731	0.833	0.81

Appendix 9. Pearson Correlation Coefficient Matrix on the 83 species found in the 35 different transects. The italicized values were not significant as determined using a Bonferroni-adjusted probability.

KA4	0.519	0.607	0.628	0.854	0.86
KA5	0.652	0.698	0.682	0.777	0.82
MA1	*0.276*	*0.385*	*0.416*	0.682	0.693
MA2	0.581	0.66	0.671	0.841	0.836
MA3	0.607	0.669	0.59	0.734	0.748
MA4	0.532	0.577	0.618	0.808	0.776
MA5	0.644	0.724	0.657	0.846	0.833
PA1	0.562	0.546	0.603	0.556	0.568
PA2	0.728	0.627	0.717	0.68	0.705
PA3	0.675	0.532	0.601	0.663	0.631
PA4	0.492	0.557	0.487	0.524	0.558
PA5	0.721	0.644	0.761	0.734	0.761
PO1	0.722	0.64	0.676	0.648	0.693
PO2	0.658	0.626	0.7	0.629	0.663
	B6	**B7**	**B8**	**KA1**	**KA2**
PO3	0.743	0.689	0.774	0.698	0.726
PO4	0.742	0.723	0.781	0.754	0.797
PO5	0.594	0.608	0.751	0.798	0.814
WH1	0.585	0.682	0.473	0.6	0.628
WH2	0.813	0.803	0.678	0.66	0.736
	KA3	KA4	KA5	MA1	MA2
KA4	0.801	1			
KA5	0.655	0.842	1		
MA1	0.606	0.696	0.529	1	
MA2	0.783	0.805	0.737	0.713	1
MA3	0.645	0.675	0.651	0.618	0.794
MA4	0.723	0.766	0.682	0.711	0.853
MA5	0.789	0.79	0.732	0.767	0.919
PA1	0.57	0.46	0.525	*0.233*	0.597
PA2	0.705	0.587	0.655	*0.317*	0.616
PA3	0.689	0.482	0.539	*0.286*	0.562
PA4	0.431	*0.352*	0.46	*0.244*	0.422
PA5	0.723	0.632	0.704	*0.333*	0.677
PO1	0.753	0.596	0.627	*0.38*	0.605
PO2	0.788	0.621	0.573	0.428	0.616
PO3	0.769	0.624	0.668	0.421	0.705
PO4	0.765	0.716	0.729	0.471	0.652

Appendix 9. Pearson Correlation Coefficient Matrix on the 83 species found in the 35 different transects. The italicized values were not significant as determined using a Bonferroni-adjusted probability.

PO5	0.855	0.735	0.619	0.668	0.776
WH1	0.57	0.68	0.689	0.572	0.586
WH2	0.594	0.663	0.776	*0.416*	0.64
	MA3	MA4	MA5	PA1	PA2
MA4	0.801	1			
MA5	0.799	0.908	1		
PA1	0.564	0.501	0.543	1	
PA2	0.594	0.599	0.64	0.639	1
PA3	0.58	0.52	0.574	0.63	0.886
PA4	0.529	*0.415*	0.486	0.635	0.473
PA5	0.623	0.612	0.665	0.713	0.911
PO1	0.618	0.632	0.681	0.566	0.893
PO2	0.592	0.65	0.705	0.502	0.782
PO3	0.661	0.73	0.767	0.551	0.85
PO4	0.619	0.636	0.699	0.521	0.855
PO5	0.62	0.786	0.824	0.496	0.656
WH1	0.619	0.629	0.723	*0.354*	0.507
WH2	0.703	0.583	0.677	0.581	0.659
	PA3	PA4	PA5	PO1	PO2
PA4	0.514	1			
PA5	0.815	0.531	1		
PO1	0.837	0.499	0.814	1	
PO2	0.718	*0.364*	0.716	0.861	1
PO3	0.764	0.447	0.794	0.859	0.925
PO4	0.735	0.481	0.806	0.861	0.87
PO5	0.606	0.463	0.623	0.671	0.776
WH1	*0.393*	0.443	0.527	0.555	0.574
WH2	0.562	0.614	0.684	0.667	0.571
	PO3	PO4	PO5	WH1	WH2
PO4	0.858	1			
PO5	0.81	0.769	1		
WH1	0.546	0.634	0.541	1	
WH2	0.629	0.74	0.571	0.742	1