

Contrast forest vs. mixtured

	average	sd	ratio	ava	avb	cumsum	p	
<i>Pedaliodes obstructa</i>	0.137	0.046	3.010	138.333	39.667	0.234	0.329	
<i>Pedaliodes baccara</i>	0.051	0.026	1.931	44.333	5.667	0.320	0.083	
<i>Pronophila epidipnis</i>	0.038	0.028	1.330	33.667	41.000	0.384	0.820	
<i>Pedaliodes praemontagna</i>	0.029	0.011	2.750	31.000	9.000	0.435	0.369	
<i>Pedaliodes rodriguezi</i>	0.029	0.005	5.390	23.333	2.000	0.485	0.018	*
<i>Pedaliodes porcia</i>	0.029	0.032	0.917	22.667	5.333	0.534	0.754	
<i>Forsterinaria rustica</i>	0.027	0.013	2.105	25.667	6.333	0.580	0.217	
<i>Corades chelonis</i>	0.025	0.016	1.521	24.667	7.333	0.623	0.386	
<i>Pedaliodes polusca</i>	0.018	0.017	1.071	12.667	10.000	0.654	0.979	
<i>Epiphile chrysites</i>	0.018	0.015	1.194	13.000	10.667	0.684	0.567	
<i>Pedaliodes pollonia</i>	0.016	0.012	1.325	16.000	9.000	0.712	0.694	
<i>Forsterinaria difficilis</i>	0.016	0.012	1.283	10.333	0.333	0.738	0.196	
<i>Lymanopoda altis</i>	0.013	0.005	2.640	10.333	0.667	0.761	0.039	*
<i>Panyapedaliodes phila</i>	0.011	0.005	2.256	8.667	0.000	0.781	0.023	*
<i>Pedaliodes phaedra</i>	0.011	0.011	0.927	7.000	6.333	0.798	0.817	
<i>Steroma bega</i>	0.009	0.005	1.687	7.333	1.000	0.814	0.111	
<i>Steremnia selva</i>	0.009	0.005	1.716	1.000	7.333	0.830	0.538	
<i>Panyapedaliodes drymaea</i>	0.008	0.007	1.138	3.333	7.000	0.844	0.967	
<i>Eretris apuleja</i>	0.006	0.003	2.170	6.333	3.333	0.854	0.663	
<i>Steremnia monachella</i>	0.006	0.007	0.855	0.000	4.000	0.864	0.502	
<i>Daedalma dinias</i>	0.006	0.001	5.505	4.333	0.333	0.874	0.018	*
<i>Lasiophila prosymna</i>	0.005	0.004	1.538	3.667	4.667	0.883	0.788	
<i>Lasiophila zapatoza</i>	0.005	0.005	0.966	3.667	0.667	0.891	0.391	
<i>Corades medeba</i>	0.005	0.004	1.107	3.333	3.667	0.899	0.725	
<i>Corades chirone</i>	0.004	0.003	1.669	3.000	2.000	0.906	0.405	
<i>Lasiophila circe</i>	0.004	0.002	1.723	3.667	1.667	0.913	0.981	
<i>Orophila cardases</i>	0.004	0.004	1.081	1.333	2.667	0.920	0.513	
<i>Pedaliodes hebena</i>	0.004	0.004	0.984	4.000	1.000	0.927	0.479	
<i>Altopedaliodes belmira</i>	0.004	0.004	1.054	2.000	2.000	0.933	0.906	
<i>Perisama lebasii</i>	0.003	0.004	0.815	0.000	2.333	0.939	0.537	
<i>Lymanopoda labda</i>	0.003	0.003	1.201	1.667	2.333	0.944	0.530	
<i>Junea doraete</i>	0.003	0.004	0.843	0.000	2.000	0.949	0.968	
<i>Corades dymantis</i>	0.003	0.001	2.006	2.333	1.667	0.954	0.738	
<i>Manerebia inderena</i>	0.003	0.003	0.824	0.333	1.667	0.958	0.512	
<i>Pedaliodes peucestas</i>	0.003	0.002	1.426	3.000	1.333	0.963	0.802	
<i>Junea dorinda</i>	0.002	0.001	1.650	2.333	2.000	0.967	0.869	
<i>Panyapedaliodes silpa</i>	0.002	0.002	1.324	1.333	0.000	0.970	0.102	
<i>Apexacuta orsedice</i>	0.002	0.002	0.885	0.667	1.667	0.974	0.775	
<i>Pseudomaniola loxo</i>	0.002	0.002	1.108	1.000	2.000	0.977	0.723	
<i>Manerebia germaniae</i>	0.002	0.003	0.667	1.000	0.000	0.980	0.357	
<i>Perisama tryphena</i>	0.001	0.001	1.111	1.333	1.000	0.983	0.708	
<i>Corades cybele</i>	0.001	0.001	0.915	1.667	1.333	0.985	0.994	
<i>Lymanopoda obsoleta</i>	0.001	0.002	0.667	1.000	0.000	0.987	0.361	
<i>Mygona irmina</i>	0.001	0.002	0.667	1.000	0.000	0.989	0.361	
<i>Pedaliodes praxithea</i>	0.001	0.001	1.324	0.667	0.000	0.991	0.298	
<i>Lymanopoda ionius</i>	0.001	0.002	0.667	0.667	0.000	0.992	0.870	
<i>Morpho sulkowskyi</i>	0.001	0.001	0.652	0.000	0.667	0.994	0.515	
<i>Proboscis propylea</i>	0.001	0.001	1.248	0.667	0.000	0.996	0.088	
<i>Eretris ocellifera</i>	0.001	0.001	0.667	0.667	0.000	0.997	0.361	
<i>Pedaliodes nutabe</i>	0.001	0.001	0.667	0.333	0.000	0.998	0.870	
<i>Panyapedaliodes jephtha</i>	0.000	0.001	0.651	0.000	0.333	0.999	0.481	
<i>Perisama yeba</i>	0.000	0.001	0.652	0.000	0.333	0.999	0.515	
<i>Pedaliodes pimienta</i>	0.000	0.001	0.667	0.333	0.000	1.000	0.700	
<i>Lymanopoda casneri</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Panyapedaliodes rojasi</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Pedaliodes griseola</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Pedaliodes negreti</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
TOTAL	0.587							

Contrast: forest vs. paramo

	average	sd	ratio	ava	avb	cumsum	p	
<i>Pedaliodes obstructa</i>	0.167	0.070	2.385	138.333	28.333	0.213	0.085	
<i>Pedaliodes baccara</i>	0.062	0.027	2.254	44.333	0.333	0.292	0.009	**
<i>Pronophila epidipnis</i>	0.047	0.032	1.460	33.667	1.000	0.352	0.663	
<i>Pedaliodes praemontagna</i>	0.044	0.012	3.597	31.000	1.000	0.408	0.012	*
<i>Altopedaliodes belmira</i>	0.042	0.058	0.727	2.000	33.667	0.462	0.491	
<i>Forsterinaria rustica</i>	0.037	0.017	2.143	25.667	1.333	0.509	0.025	*
<i>Pedaliodes rodriguezi</i>	0.034	0.008	4.154	23.333	0.333	0.553	0.007	**
<i>Corades chelonis</i>	0.034	0.019	1.769	24.667	1.000	0.596	0.095	
<i>Pedaliodes porcia</i>	0.033	0.031	1.054	22.667	21.000	0.638	0.713	
<i>Pedaliodes polusca</i>	0.032	0.021	1.524	12.667	30.667	0.678	0.835	
<i>Pedaliodes pollonia</i>	0.024	0.014	1.772	16.000	0.333	0.709	0.269	
<i>Junea doraete</i>	0.020	0.017	1.203	0.000	15.000	0.735	0.447	
<i>Pedaliodes nutabe</i>	0.019	0.016	1.159	0.333	13.667	0.760	0.450	
<i>Lasiophila circe</i>	0.019	0.021	0.868	3.667	17.000	0.783	0.501	
<i>Epiphile chrysites</i>	0.017	0.014	1.237	13.000	0.667	0.805	0.568	
<i>Forsterinaria difficilis</i>	0.015	0.013	1.094	10.333	3.000	0.824	0.257	
<i>Lymanopoda altis</i>	0.014	0.006	2.491	10.333	0.667	0.842	0.028	*
<i>Steroma bega</i>	0.011	0.007	1.605	7.333	0.333	0.856	0.025	*
<i>Panyapedaliodes phila</i>	0.010	0.007	1.498	8.667	1.333	0.869	0.048	*
<i>Pedaliodes phaedra</i>	0.010	0.007	1.456	7.000	6.000	0.882	0.853	
<i>Eretris apuleja</i>	0.009	0.003	3.057	6.333	0.667	0.894	0.252	
<i>Daedalma dinias</i>	0.006	0.001	4.733	4.333	0.000	0.902	0.008	**
<i>Lasiophila zapatoza</i>	0.006	0.006	0.985	3.667	0.333	0.909	0.139	
<i>Corades medeba</i>	0.006	0.006	0.900	3.333	0.000	0.916	0.615	
<i>Panyapedaliodes drymaea</i>	0.005	0.005	1.075	3.333	1.333	0.923	0.985	
<i>Pedaliodes hebena</i>	0.005	0.004	1.128	4.000	0.333	0.929	0.204	
<i>Panyapedaliodes rojasi</i>	0.005	0.004	1.212	0.000	3.333	0.935	0.547	
<i>Lasiophila prosymna</i>	0.005	0.003	1.446	3.667	0.333	0.941	0.809	
<i>Pedaliodes peucestas</i>	0.004	0.002	1.938	3.000	0.000	0.947	0.107	
<i>Corades chirone</i>	0.004	0.004	0.860	3.000	0.000	0.951	0.526	
<i>Lymanopoda ionius</i>	0.003	0.002	1.385	0.667	2.667	0.956	0.484	
<i>Corades dymantis</i>	0.003	0.002	1.469	2.333	0.000	0.960	0.612	
<i>Pedaliodes griseola</i>	0.003	0.005	0.651	0.000	2.000	0.964	0.517	
<i>Junea dorinda</i>	0.003	0.001	2.509	2.333	1.000	0.967	0.688	
<i>Lymanopoda labda</i>	0.003	0.002	1.235	1.667	0.000	0.971	0.508	
<i>Corades cybele</i>	0.002	0.001	1.645	1.667	1.667	0.974	0.824	
<i>Panyapedaliodes silpa</i>	0.002	0.002	1.194	1.333	0.333	0.977	0.096	
<i>Orophila cardases</i>	0.002	0.003	0.830	1.333	0.333	0.980	0.660	
<i>Perisama tryphena</i>	0.002	0.002	1.173	1.333	0.000	0.982	0.442	
<i>Manerebia germaniae</i>	0.002	0.003	0.644	1.000	0.000	0.985	0.240	
<i>Apexacuta orsedice</i>	0.002	0.001	1.255	0.667	1.667	0.987	0.921	
<i>Steremnia selva</i>	0.001	0.001	1.057	1.000	0.333	0.988	0.973	
<i>Pseudomaniola loxo</i>	0.001	0.001	1.170	1.000	0.333	0.990	0.919	
<i>Lymanopoda obsoleta</i>	0.001	0.002	0.658	1.000	0.000	0.992	0.268	
<i>Mygona irmina</i>	0.001	0.002	0.658	1.000	0.000	0.993	0.268	
<i>Proboscis propylea</i>	0.001	0.001	1.173	0.667	0.000	0.994	0.055	
<i>Pedaliodes praxithea</i>	0.001	0.001	0.965	0.667	0.333	0.996	0.474	
<i>Steremnia monachella</i>	0.001	0.001	1.262	0.000	0.667	0.997	0.849	
<i>Eretris ocellifera</i>	0.001	0.001	0.658	0.667	0.000	0.998	0.268	
<i>Manerebia inderena</i>	0.001	0.001	0.644	0.333	0.000	0.998	0.602	
<i>Lymanopoda casneri</i>	0.000	0.001	0.656	0.000	0.333	0.999	0.495	
<i>Pedaliodes negreti</i>	0.000	0.001	0.656	0.000	0.333	1.000	0.495	
<i>Pedaliodes pimentia</i>	0.000	0.001	0.658	0.333	0.000	1.000	0.601	
<i>Morpho sulkowskyi</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Panyapedaliodes jephtha</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Perisama lebasii</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Perisama yeba</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
TOTAL	0.784							

Contrast: forest vs. pasture

	average	sd	ratio	ava	avb	cumsum	p	
<i>Pedaliodes obstructa</i>	0.250	0.058	4.319	138.333	4.333	0.267	0.001	***
<i>Pedaliodes baccara</i>	0.075	0.029	2.590	44.333	1.000	0.346	0.001	***
<i>Panyapedaliodes drymaea</i>	0.062	0.029	2.143	3.333	36.333	0.412	0.501	
<i>Pronophila epidipnis</i>	0.059	0.038	1.555	33.667	0.667	0.475	0.478	
<i>Pedaliodes praemontagna</i>	0.055	0.009	6.167	31.000	0.667	0.534	0.001	***
<i>Forsterinaria rustica</i>	0.048	0.019	2.553	25.667	0.333	0.585	0.001	***
<i>Pedaliodes porcia</i>	0.044	0.046	0.950	22.667	0.000	0.631	0.417	
<i>Pedaliodes rodriguezi</i>	0.043	0.004	9.944	23.333	0.000	0.676	0.001	***
<i>Corades chelonis</i>	0.042	0.022	1.929	24.667	1.000	0.721	0.011	*
<i>Pedaliodes pollonia</i>	0.031	0.017	1.843	16.000	0.333	0.753	0.068	
<i>Pedaliodes polusca</i>	0.023	0.024	0.983	12.667	0.000	0.778	0.956	
<i>Forsterinaria difficilis</i>	0.022	0.017	1.320	10.333	0.000	0.801	0.029	*
<i>Epiphile chrysites</i>	0.020	0.015	1.352	13.000	1.333	0.823	0.509	
<i>Lymanopoda altis</i>	0.018	0.007	2.776	10.333	0.333	0.842	0.001	***
<i>Panyapedaliodes phila</i>	0.015	0.006	2.602	8.667	0.000	0.858	0.001	***
<i>Steroma bega</i>	0.014	0.008	1.756	7.333	0.000	0.873	0.001	***
<i>Pedaliodes phaedra</i>	0.013	0.016	0.830	7.000	0.333	0.887	0.652	
<i>Eretris apuleja</i>	0.012	0.003	4.345	6.333	0.333	0.900	0.074	
<i>Daedalma dinias</i>	0.008	0.001	12.590	4.333	0.000	0.908	0.001	***
<i>Lasiophila zapatoza</i>	0.008	0.007	1.090	3.667	0.000	0.917	0.002	**
<i>Corades medeba</i>	0.007	0.008	0.911	3.333	0.000	0.924	0.376	
<i>Pedaliodes hebena</i>	0.006	0.005	1.389	4.000	0.000	0.931	0.008	**
<i>Lasiophila circe</i>	0.006	0.005	1.316	3.667	0.000	0.937	0.885	
<i>Lasiophila prosymna</i>	0.006	0.004	1.588	3.667	0.333	0.943	0.732	
<i>Pedaliodes peucestas</i>	0.005	0.003	1.696	3.000	0.333	0.949	0.040	*
<i>Corades chirone</i>	0.005	0.005	0.895	3.000	0.000	0.953	0.349	
<i>Junea dorinda</i>	0.004	0.003	1.473	2.333	0.333	0.958	0.324	
<i>Lymanopoda labda</i>	0.004	0.003	1.258	1.667	0.000	0.962	0.501	
<i>Corades dymantis</i>	0.003	0.003	1.190	2.333	0.333	0.965	0.538	
<i>Panyapedaliodes silpa</i>	0.003	0.002	1.309	1.333	0.000	0.968	0.007	**
<i>Orophila cardases</i>	0.003	0.003	0.856	1.333	0.000	0.971	0.543	
<i>Altopedaliodes belmira</i>	0.003	0.004	0.666	2.000	0.000	0.974	0.950	
<i>Corades cybele</i>	0.003	0.002	1.587	1.667	0.333	0.977	0.738	
<i>Perisama tryphena</i>	0.003	0.002	1.193	1.333	0.000	0.980	0.193	
<i>Manerebia germaniae</i>	0.002	0.004	0.664	1.000	0.000	0.982	0.007	**
<i>Steremnia selva</i>	0.002	0.002	1.134	1.000	0.333	0.984	0.965	
<i>Pseudomaniola loxo</i>	0.002	0.001	1.288	1.000	0.000	0.986	0.814	
<i>Pedaliodes praxithea</i>	0.002	0.001	1.309	0.667	0.000	0.988	0.086	
<i>Lymanopoda obsoleta</i>	0.001	0.002	0.666	1.000	0.000	0.989	0.003	**
<i>Mygona irmina</i>	0.001	0.002	0.666	1.000	0.000	0.991	0.003	**
<i>Lymanopoda ionius</i>	0.001	0.002	0.665	0.667	0.000	0.992	0.791	
<i>Proboscis propylea</i>	0.001	0.001	1.193	0.667	0.000	0.993	0.001	***
<i>Panyapedaliodes rojasi</i>	0.001	0.001	1.238	0.000	0.667	0.995	0.903	
<i>Apexacuta orsedice</i>	0.001	0.001	1.258	0.667	0.000	0.996	0.969	
<i>Eretris ocellifera</i>	0.001	0.001	0.666	0.667	0.000	0.997	0.003	**
<i>Manerebia inderena</i>	0.001	0.001	0.664	0.333	0.000	0.998	0.501	
<i>Pedaliodes pimienta</i>	0.001	0.001	0.816	0.333	0.333	0.999	0.502	
<i>Pedaliodes nutabe</i>	0.001	0.001	0.665	0.333	0.000	0.999	0.791	
<i>Perisama lebasii</i>	0.001	0.001	0.641	0.000	0.333	1.000	0.889	
<i>Junea doraete</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Lymanopoda casneri</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Morpho sulkowskyi</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Panyapedaliodes jephtha</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Pedaliodes griseola</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Pedaliodes negreti</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Perisama yeba</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Steremnia monachella</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
TOTAL	0.940							

Contrast: mixtured vs. paramo

	average	sd	ratio	ava	avb	cumsum	p	
<i>Pronophila epidipnis</i>	0.108	0.073	1.489	41.000	1.000	0.151	0.042	*
<i>Altopedaliodes belmira</i>	0.062	0.083	0.744	2.000	33.667	0.237	0.337	
<i>Pedaliodes polusca</i>	0.056	0.025	2.253	10.000	30.667	0.315	0.242	
<i>Pedaliodes obstructa</i>	0.048	0.050	0.957	39.667	28.333	0.382	0.998	
<i>Pedaliodes porcia</i>	0.042	0.035	1.206	5.333	21.000	0.441	0.434	
<i>Lasiophila circe</i>	0.030	0.030	1.027	1.667	17.000	0.483	0.258	
<i>Pedaliodes nutabe</i>	0.030	0.026	1.134	0.000	13.667	0.525	0.114	
<i>Epiphile chrysites</i>	0.028	0.037	0.751	10.667	0.667	0.564	0.307	
<i>Junea doraete</i>	0.026	0.025	1.066	2.000	15.000	0.600	0.250	
<i>Pedaliodes pollonia</i>	0.023	0.028	0.832	9.000	0.333	0.632	0.318	
<i>Pedaliodes praemontagna</i>	0.022	0.012	1.886	9.000	1.000	0.663	0.818	
<i>Steremnia selva</i>	0.018	0.011	1.638	7.333	0.333	0.688	0.025	*
<i>Corades chelonis</i>	0.017	0.018	0.965	7.333	1.000	0.713	0.807	
<i>Panyapedaliodes drymaea</i>	0.017	0.020	0.875	7.000	1.333	0.737	0.905	
<i>Pedaliodes phaedra</i>	0.017	0.010	1.704	6.333	6.000	0.760	0.463	
<i>Forsterinaria rustica</i>	0.014	0.009	1.691	6.333	1.333	0.780	0.832	
<i>Pedaliodes baccara</i>	0.014	0.006	2.469	5.667	0.333	0.799	0.919	
<i>Lasiophila prosymna</i>	0.012	0.010	1.160	4.667	0.333	0.816	0.082	
<i>Steremnia monachella</i>	0.010	0.012	0.811	4.000	0.667	0.830	0.148	
<i>Corades medeba</i>	0.010	0.008	1.177	3.667	0.000	0.844	0.102	
<i>Panyapedaliodes rojasi</i>	0.008	0.006	1.325	0.000	3.333	0.855	0.168	
<i>Forsterinaria difficilis</i>	0.008	0.010	0.756	0.333	3.000	0.866	0.757	
<i>Eretris apuleja</i>	0.007	0.010	0.717	3.333	0.667	0.876	0.473	
<i>Orophila cardases</i>	0.007	0.009	0.750	2.667	0.333	0.886	0.216	
<i>Lymanopoda labda</i>	0.006	0.008	0.786	2.333	0.000	0.894	0.180	
<i>Perisama lebasii</i>	0.006	0.008	0.777	2.333	0.000	0.903	0.204	
<i>Lymanopoda ionius</i>	0.005	0.004	1.311	0.000	2.667	0.910	0.073	
<i>Corades chirone</i>	0.005	0.005	1.177	2.000	0.000	0.918	0.189	
<i>Pedaliodes rodriguezi</i>	0.005	0.005	1.002	2.000	0.333	0.925	0.925	
<i>Pedaliodes griseola</i>	0.005	0.007	0.666	0.000	2.000	0.932	0.350	
<i>Pseudomaniola loxo</i>	0.005	0.004	1.330	2.000	0.333	0.939	0.043	*
<i>Corades dymantis</i>	0.005	0.004	1.103	1.667	0.000	0.945	0.172	
<i>Manerebia inderena</i>	0.004	0.007	0.626	1.667	0.000	0.951	0.247	
<i>Apexacuta orsedice</i>	0.004	0.003	1.243	1.667	1.667	0.957	0.371	
<i>Corades cybele</i>	0.004	0.003	1.517	1.333	1.667	0.962	0.257	
<i>Pedaliodes peucestas</i>	0.004	0.002	2.016	1.333	0.000	0.967	0.338	
<i>Junea dorinda</i>	0.003	0.003	1.020	2.000	1.000	0.971	0.756	
<i>Perisama tryphena</i>	0.003	0.003	1.020	1.000	0.000	0.975	0.149	
<i>Lymanopoda altis</i>	0.002	0.002	1.619	0.667	0.667	0.978	0.970	
<i>Pedaliodes hebena</i>	0.002	0.002	0.985	1.000	0.333	0.982	0.677	
<i>Panyapedaliodes phila</i>	0.002	0.004	0.667	0.000	1.333	0.985	0.962	
<i>Steroma bega</i>	0.002	0.002	1.250	1.000	0.333	0.988	0.915	
<i>Morpho sulkowskyi</i>	0.002	0.003	0.626	0.667	0.000	0.991	0.211	
<i>Lasiophila zapatoza</i>	0.001	0.002	0.954	0.667	0.333	0.993	0.882	
<i>Daedalma dinias</i>	0.001	0.001	0.622	0.333	0.000	0.994	0.955	
<i>Panyapedaliodes jephtha</i>	0.001	0.001	0.622	0.333	0.000	0.995	0.214	
<i>Perisama yeba</i>	0.001	0.001	0.626	0.333	0.000	0.996	0.211	
<i>Pedaliodes praxithea</i>	0.001	0.001	0.666	0.000	0.333	0.998	0.554	
<i>Lymanopoda casneri</i>	0.001	0.001	0.667	0.000	0.333	0.998	0.339	
<i>Panyapedaliodes silpa</i>	0.001	0.001	0.667	0.000	0.333	0.999	0.882	
<i>Pedaliodes negreti</i>	0.001	0.001	0.667	0.000	0.333	1.000	0.339	
<i>Eretris ocellifera</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Lymanopoda obsoleta</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Manerebia germaniae</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Mygona irmina</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Pedaliodes pimienta</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Proboscis propylea</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
TOTAL	0.716							

Contrast: mixtured vs. pasture

	average	sd	ratio	ava	avb	cumsum	p	
<i>Pronophila epidipnis</i>	0.157	0.091	1.717	41.000	0.667	0.181	0.001	***
<i>Pedaliodes obstructa</i>	0.135	0.042	3.240	39.667	4.333	0.337	0.355	
<i>Panyapedaliodes drymaea</i>	0.107	0.053	1.998	7.000	36.333	0.460	0.138	
<i>Epiphile chrysites</i>	0.038	0.048	0.802	10.667	1.333	0.505	0.058	
<i>Pedaliodes polusca</i>	0.037	0.045	0.832	10.000	0.000	0.548	0.680	
<i>Pedaliodes pollonia</i>	0.032	0.036	0.891	9.000	0.333	0.585	0.055	
<i>Pedaliodes praemontagna</i>	0.032	0.012	2.712	9.000	0.667	0.622	0.223	
<i>Steremnia selva</i>	0.026	0.013	2.039	7.333	0.333	0.652	0.002	**
<i>Corades chelonis</i>	0.025	0.025	1.017	7.333	1.000	0.682	0.370	
<i>Forsterinaria rustica</i>	0.023	0.004	5.153	6.333	0.333	0.708	0.444	
<i>Pedaliodes phaedra</i>	0.022	0.027	0.827	6.333	0.333	0.734	0.139	
<i>Pedaliodes porcia</i>	0.020	0.022	0.917	5.333	0.000	0.757	0.874	
<i>Pedaliodes baccara</i>	0.018	0.010	1.905	5.667	1.000	0.778	0.857	
<i>Lasiophila prosymna</i>	0.017	0.012	1.377	4.667	0.333	0.797	0.009	**
<i>Steremnia monachella</i>	0.015	0.017	0.880	4.000	0.000	0.815	0.002	**
<i>Corades medeba</i>	0.014	0.011	1.303	3.667	0.000	0.831	0.005	**
<i>Eretris apuleja</i>	0.011	0.013	0.852	3.333	0.333	0.844	0.081	
<i>Orophila cardases</i>	0.010	0.012	0.817	2.667	0.000	0.856	0.010	**
<i>Lymanopoda labda</i>	0.009	0.010	0.843	2.333	0.000	0.866	0.015	*
<i>Perisama lebasii</i>	0.008	0.010	0.844	2.333	0.333	0.876	0.029	*
<i>Altopedaliodes belmira</i>	0.008	0.009	0.850	2.000	0.000	0.885	0.650	
<i>Junea doraete</i>	0.008	0.009	0.850	2.000	0.000	0.894	0.755	
<i>Pedaliodes rodriguezi</i>	0.008	0.007	1.107	2.000	0.000	0.903	0.893	
<i>Pseudomaniola loxo</i>	0.008	0.004	2.074	2.000	0.000	0.912	0.001	***
<i>Corades chirone</i>	0.008	0.006	1.309	2.000	0.000	0.921	0.010	**
<i>Apexacuta orsedice</i>	0.007	0.007	0.894	1.667	0.000	0.928	0.045	*
<i>Lasiophila circe</i>	0.006	0.005	1.213	1.667	0.000	0.936	0.877	
<i>Junea dorinda</i>	0.006	0.004	1.600	2.000	0.333	0.943	0.019	*
<i>Manerebia inderena</i>	0.006	0.009	0.662	1.667	0.000	0.950	0.013	*
<i>Corades dymantis</i>	0.006	0.005	1.245	1.667	0.333	0.958	0.021	*
<i>Corades cybele</i>	0.005	0.003	1.359	1.333	0.333	0.963	0.132	
<i>Pedaliodes peucestas</i>	0.004	0.003	1.394	1.333	0.333	0.967	0.192	
<i>Perisama tryphena</i>	0.004	0.004	1.113	1.000	0.000	0.972	0.016	*
<i>Steroma bega</i>	0.004	0.000	8.694	1.000	0.000	0.976	0.751	
<i>Pedaliodes hebena</i>	0.004	0.003	1.172	1.000	0.000	0.981	0.466	
<i>Lymanopoda altis</i>	0.003	0.004	0.852	0.667	0.333	0.984	0.954	
<i>Morpho sulkowskyi</i>	0.002	0.004	0.662	0.667	0.000	0.987	0.006	**
<i>Lasiophila zapatoza</i>	0.002	0.002	1.314	0.667	0.000	0.990	0.528	
<i>Panyapedaliodes rojasi</i>	0.002	0.002	1.309	0.000	0.667	0.993	0.825	
<i>Daedalma dinias</i>	0.001	0.002	0.661	0.333	0.000	0.994	0.894	
<i>Forsterinaria difficilis</i>	0.001	0.002	0.661	0.333	0.000	0.996	0.930	
<i>Panyapedaliodes jephtha</i>	0.001	0.002	0.661	0.333	0.000	0.997	0.008	**
<i>Perisama yeba</i>	0.001	0.002	0.662	0.333	0.000	0.999	0.006	**
<i>Pedaliodes pimienta</i>	0.001	0.002	0.666	0.000	0.333	1.000	0.398	
<i>Eretris ocellifera</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Lymanopoda casneri</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Lymanopoda ionius</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Lymanopoda obsoleta</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Manerebia germaniae</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Mygona irmina</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Panyapedaliodes phila</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Panyapedaliodes silpa</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Pedaliodes griseola</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Pedaliodes negreti</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Pedaliodes nutabe</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Pedaliodes praxithea</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Proboscis propylea</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
TOTAL	0.867							

Contrast: paramo x pasture

	average	sd	ratio	ava	avb	cumsum	p	
<i>Panyapedaliodes drymaea</i>	0.189	0.127	1.495	1.333	36.333	0.205	0.001	***
<i>Pedaliodes polusca</i>	0.134	0.034	3.938	30.667	0.000	0.350	0.001	***
<i>Pedaliodes obstructa</i>	0.102	0.052	1.954	28.333	4.333	0.460	0.790	
<i>Altopedaliodes belmira</i>	0.096	0.118	0.811	33.667	0.000	0.563	0.001	***
<i>Pedaliodes porcia</i>	0.083	0.064	1.302	21.000	0.000	0.653	0.016	*
<i>Lasiophila circe</i>	0.058	0.035	1.641	17.000	0.000	0.716	0.001	***
<i>Junea doraete</i>	0.055	0.029	1.912	15.000	0.000	0.776	0.001	***
<i>Pedaliodes nutabe</i>	0.048	0.046	1.059	13.667	0.000	0.828	0.004	**
<i>Pedaliodes phaedra</i>	0.030	0.016	1.885	6.000	0.333	0.860	0.025	*
<i>Panyapedaliodes rojasi</i>	0.015	0.012	1.263	3.333	0.667	0.876	0.001	***
<i>Forsterinaria difficilis</i>	0.012	0.019	0.661	3.000	0.000	0.890	0.436	
<i>Lymanopoda ionius</i>	0.008	0.006	1.316	2.667	0.000	0.899	0.004	**
<i>Pedaliodes griseola</i>	0.008	0.012	0.661	2.000	0.000	0.908	0.008	**
<i>Apexacuta orsedice</i>	0.008	0.003	2.822	1.667	0.000	0.917	0.011	*
<i>Corades chelonis</i>	0.007	0.005	1.259	1.000	1.000	0.924	0.980	
<i>Epiphile chrysites</i>	0.006	0.009	0.687	0.667	1.333	0.931	0.939	
<i>Pedaliodes baccara</i>	0.006	0.006	1.004	0.333	1.000	0.938	0.999	
<i>Pronophila epidipnis</i>	0.006	0.004	1.455	1.000	0.667	0.944	0.998	
<i>Corades cybele</i>	0.005	0.004	1.136	1.667	0.333	0.949	0.081	
<i>Forsterinaria rustica</i>	0.004	0.005	0.931	1.333	0.333	0.954	1.000	
<i>Pedaliodes praemontagna</i>	0.004	0.004	0.948	1.000	0.667	0.958	1.000	
<i>Lymanopoda altis</i>	0.004	0.005	0.787	0.667	0.333	0.963	0.917	
<i>Junea dorinda</i>	0.004	0.004	0.908	1.000	0.333	0.967	0.499	
<i>Panyapedaliodes phila</i>	0.003	0.005	0.664	1.333	0.000	0.970	0.812	
<i>Steremnia selva</i>	0.003	0.004	0.621	0.333	0.333	0.973	0.921	
<i>Lasiophila prosymna</i>	0.002	0.004	0.593	0.333	0.333	0.976	0.968	
<i>Eretris apuleja</i>	0.002	0.003	0.923	0.667	0.333	0.978	0.980	
<i>Steremnia monachella</i>	0.002	0.002	1.223	0.667	0.000	0.981	0.622	
<i>Perisama lebasii</i>	0.002	0.004	0.529	0.000	0.333	0.983	0.609	
<i>Pedaliodes pollonia</i>	0.002	0.002	0.725	0.333	0.333	0.985	1.000	
<i>Corades dymantis</i>	0.001	0.002	0.580	0.000	0.333	0.987	0.966	
<i>Pedaliodes peucestas</i>	0.001	0.002	0.580	0.000	0.333	0.988	0.977	
<i>Pedaliodes pimienta</i>	0.001	0.002	0.580	0.000	0.333	0.990	0.250	
<i>Lasiophila zapatoza</i>	0.001	0.002	0.661	0.333	0.000	0.991	0.902	
<i>Pedaliodes praxitheia</i>	0.001	0.002	0.661	0.333	0.000	0.993	0.124	
<i>Lymanopoda casneri</i>	0.001	0.001	0.664	0.333	0.000	0.994	0.007	**
<i>Orophila cardases</i>	0.001	0.001	0.664	0.333	0.000	0.994	0.903	
<i>Panyapedaliodes silpa</i>	0.001	0.001	0.664	0.333	0.000	0.995	0.788	
<i>Pedaliodes hebena</i>	0.001	0.001	0.664	0.333	0.000	0.996	0.980	
<i>Pedaliodes negreti</i>	0.001	0.001	0.664	0.333	0.000	0.997	0.007	**
<i>Pedaliodes rodriguezi</i>	0.001	0.001	0.664	0.333	0.000	0.998	0.988	
<i>Pseudomaniola loxo</i>	0.001	0.001	0.664	0.333	0.000	0.999	0.988	
<i>Steroma bega</i>	0.001	0.001	0.664	0.333	0.000	1.000	1.000	
<i>Corades chirone</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Corades medeba</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Daedalma dinias</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Eretris ocellifera</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Lymanopoda labda</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Lymanopoda obsoleta</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Manerebia germaniae</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Manerebia inderena</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Morpho sulkowskyi</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Mygona irmina</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Panyapedaliodes jephtha</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Perisama tryphena</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Perisama yeba</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
<i>Proboscis propylea</i>	0.000	0.000	NaN	0.000	0.000	1.000	1.000	
TOTAL	0.923							