TABLE SI3 - PCA analysis: Scores of the Foresta "Devil Trails" footprints included in the samples A (all the measured footprints) and B (best-preserved footprints), obtained by using different sets of their measurements. The PCA scores were computed using vector products with the original data.

Sample A - PCA Scores

Variables: Footprint length, width, area, width/length ratio x 100					Variables: Footprint length, width, area				Variables: Footprint length, width, width/lengthratio x 100			
Cases	PC 1	PC 2	PC 3	PC 4	Cases	PC 1	PC 2	PC 3	Cases	PC 1	PC 2	PC 3
A01L	47.743	-12.379	-0.23417	-0.080925	A01L	47.685	0.16647	-0.28107	A01L	-31.528	15.516	-0.030937
A02R	36.75	-12.564	0.33261	-0.036947	A02R	36.699	0.60855	0.067861	A02R	-27.631	16.859	-0.019958
A03L	46.305	0.9192	0.66449	0.069183	A03L	4.658	0.27882	0.48526	A03L	0.68509	0.90798	0.04716
A04R	29.704	-0.41706	0.25444	0.0071297	A04R	29.679	0.31241	0.11733	A04R	-16.359	1.39	0.022232
A05L	-73.626	-0.6614	-0.1447	0.035053	A05L	-73.794	0.026362	-0.0943	A05L	-0.35181	-0.47572	0.033594
A06R	-13.219	-41.465	0.35942	0.0082141	A06R	-13.332	13.148	-0.069006	A06R	-36.222	-0.43826	-0.023791
A07L	-19.333	-16.941	0.084441	0.034908	A07L	-19.373	0.46738	-0.03575	A07L	-0.9115	-0.78602	0.012116
A08R	25.629	14.275	0.2838	0.053949	A08R	25.66	-0.14618	0.29499	A08R	0.3661	13.853	0.066722
A09R	-13.388	0.21961	0.28237	0.059491	A09R	-13.374	0.1425	0.22064	A09R	0.74262	-0.22629	0.036373
A10L	-57.336	-44.352	-10.271	0.031342	A10L	-57.444	0.23554	-0.8326	A10L	-2.032	-35.671	0.017059
A11R	-15.308	-21.915	0.085531	0.030646	A11R	-15.364	0.59452	-0.071878	A11R	-15.705	-0.66074	0.010679
A12L	-84.138	0.20051	-0.54677	0.010178	A12L	-8.407	-0.50255	-0.27983	A12L	0.57654	-0.86056	0.02549
A13R	-10.385	0.75748	0.72169	0.085543	A13R	-10.355	0.35444	0.52047	A13R	11.284	0.36622	0.047735
A14L	-25.645	53.184	0.25444	0.04348	A14L	-24.082	-11.344	0.52954	A14L	53.897	0.51189	0.037947
A16L	75.175	41.981	0.8154	0.10606	A16L	76.393	-0.42988	0.81658	A16L	38.273	13.932	0.084792
A17R	18.69	-0.18443	0.54544	0.029904	A17R	18.678	0.47832	0.31296	A17R	-0.97689	12.647	0.023669
A18L	24.62	17.872	0.43332	0.071481	A18L	24.662	-0.12274	0.41605	A18L	0.75578	15.196	0.077701
A21R	34.622	20.109	0.30897	0.04714	A21R	34.666	-0.2652	0.34148	A21R	0.58184	18.018	0.067584
A22L	67.326	-2.074	0.32209	-0.16052	A22L	66.711	0.7782	0.040001	A22L	-23.617	0.44545	-0.010129
A23R	11.714	-14.873	0.22124	0.0016485	A23R	11.667	0.55046	0.024343	A23R	-1.972	0.57972	0.00084954
A24L	51.563	36.652	-0.24081	0.029852	A24L	51.645	-11.119	0.13231	A24L	15.809	20.286	0.090021
A25R	19.607	23.932	0.85754	0.11448	A25R	19.671	0.049739	0.72654	A25R	15.351	17.881	0.099658
A26L	19.691	-0.78723	-0.0047863	-0.0046207	A26L	19.659	0.19712	-0.059676	A26L	-15.823	0.71398	0.011828
B00L	45.234	13.757	-1.477	-0.049617	B00L	45.541	-15.194	-0.76604	B00L	12.852	-12.036	0.016907
B01R	14.426	44.315	-0.52877	-0.013866	B01R	15.678	-15.227	-0.009742	B01R	43.946	-0.17313	0.015127
B02L	13.593	0.34903	-1.077	-0.022588	B02L	13.592	-0.95099	-0.59117	B02L	-0.13214	-0.51748	0.034074
B03R	-13.308	-27.565	-0.50643	-0.0065231	B03R	-13.384	0.27146	-0.4673	B03R	-21.759	-12.115	-0.0011623
B04L	-40.479	0.64329	-0.48265	0.0036728	B04L	-40.444	-0.56218	-0.21886	B04L	23.129	-20.241	-0.011238
B05R	66.256	-0.34814	-0.67289	0.00013462	B05R	66.092	-0.46154	-0.39498	B05R	-0.57148	-0.43396	0.033115
B06L	-19.348	-19.989	-0.55319	0.017916	B06L	-19.4	0.031653	-0.42228	B06L	-1.173	-14.429	0.020891
B07R	36.093	-0.029168	-0.6597	0.0038575	B07R	36.035	-0.53234	-0.3633	B07R	-0.13214	-0.51748	0.034074
B08L	84.315	46.963	-0.82086	-0.032378	B08L	85.599	-18.158	-0.16925	B08L	43.946	-0.17313	0.015127
B08aR	-11.481	27.622	0.27655	0.05014	B08aR	-11.395	-0.48749	0.37819	B08aR	32.008	0.013023	0.032389
B10R	-25.567	35.848	-0.50108	-0.037954	B10R	-25.454	-12.823	-0.069282	B10R	46.429	-12.621	-0.034975
B11L	12.651	-17.732	-15.913	-0.075282	B11L	12.586	-0.81701	-10.598	B11L	-21.759	-12.115	-0.0011623
B12R	-19.277	-34.158	-0.14406	0.013555	B12R	-19.369	0.71905	-0.2939	B12R	-26.153	-1.128	-0.0021206
B13L	46.183	-0.20756	-0.64543	0.0033183	B13L	46.069	-0.47601	-0.36775	B13L	-0.35181	-0.47572	0.033594
B15R	-30.34	-10.371	0.93994	0.091667	B15R	-30.352	0.97082	0.52808	B15R	0.13327	-0.3188	0.024915
B16L	-13.353	-10.697	-0.058132	0.033928	B16L	-13.379	0.19777	-0.074196	B16L	-0.52182	-0.65175	0.023095
B18L	2.632	-0.68076	-0.66977	-0.00628	B18L	26.077	-0.37386	-0.42045	B18L	-0.74149	-0.60999	0.022616
C05R	-74.048	0.022119	-0.53249	0.0096386	C05R	-74.036	-0.44621	-0.28428	C05R	0.35687	-0.8188	0.025011
C07L	-23.379	-0.58299	0.13514	0.051952	C07L	-23.385	0.22362	0.080314	C07L	0.35687	-0.8188	0.025011
C08R	-20.45	11.057	-0.14512	0.02928	C08R	-20.41	-0.41139	0.018528	C08R	19.403	-0.87068	0.018728
C09L	12.473	10.574	0.36733	-0.049513	C09L	15.553	-22.961	0.86299	C09L	10.468	11.229	-0.049131
C10R	18.277	-53.588	-0.18494	-0.069801	C10R	1.671	12.147	-0.51566	C10R	-54.045	-0.47533	-0.067802
C12R	-16.127	-73.557	-0.23107	-0.06686	C12R	-16.334	16.676	-0.67025	C12R	-6.665	-1.359	-0.081463
D01R	-54.871	12.265	12.118	-0.26835	D01R	-54.484	-19.218	12.625	D01R	14.373	-0.13089	-0.34951
E03R	-89.875	-79.135	23.455	-0.12583	E03R	-92.003	39.399	0.66655	E03R	-76.789	14.475	-0.24064
E02L	53.866	-37.363	0.22133	-0.1798	E02L	53.735	12.103	-0.27765	E02L	-59.213	20.735	-0.14643
F02R	-25.957	-5.869	13.554	-0.051586	F02R	-27.576	25.875	0.31669	F02R	-58.349	0.8522	-0.11743

Sample B - PCA Scores

Variables: Footprint length, width, area, width/length ratio x 100					Variables: Footprint length, width, area				Variables: Footprint length, width, width/lengthratio x 100			
Cases	PC 1	PC 2	PC 3	PC4	Cases	PC 1	PC 2	PC 3	Cases	PC 1	PC 2	PC 3
A08R	18.725	0.5224	0.40787	0.0071051	A08R	18.659	0.12983	0.19511	A08R	15.905	0.9838	0.0080705
A17R	11.666	-0.47642	0.42348	0.0072532	A17R	11.663	0.56131	0.10681	A17R	0.24203	0.94469	0.0072624
A18L	17.752	0.93216	0.64454	0.0087328	A18L	17.661	0.16393	0.31518	A18L	19.878	10.942	0.0069881
A21R	27.733	0.27416	0.42605	-0.00054391	A21R	27.665	0.24924	0.17152	A21R	1.831	13.865	0.002933
A22L	-0.41191	-11.909	-0.021457	0.014311	A22L	-0.34886	0.47415	-0.10514	A22L	-11.901	0.21066	0.015647
A23R	46.028	-10.477	-0.068018	0.011647	A23R	46.511	0.37371	-0.10974	A23R	-0.7929	0.32111	0.014565
A24L	44.758	0.47278	-0.0067242	-0.017275	A24L	44.66	-0.20791	0.028601	A24L	28.421	15.524	-0.0057805
A25R	12.813	18.849	12.595	0.014135	A25R	12.668	0.2994	0.61764	A25R	27.823	13.151	0.0048234
A26L	12.611	-10.377	-0.25619	0.0068358	A26L	12.65	0.20599	-0.17667	A26L	-0.39566	0.43155	0.013482
B03R	-20.427	0.12599	-0.68765	0.015192	B03R	-20.386	-0.64847	-0.20877	B03R	-11.048	-14.545	0.015468
B05R	-0.35615	0.70823	-0.62957	-0.0039827	B05R	-0.3793	-0.83998	-0.15132	B05R	0.54405	-0.77541	0.00053437
B07R	-33.309	12.877	-0.50641	-0.014624	B07R	-33.819	-0.97129	-0.065543	B07R	0.97735	-0.88532	-0.012563
B11L	55.184	-1.029	-1.915	-0.0034083	B11L	56.023	-12.315	-0.74899	B11L	-11.048	-14.545	0.015468
B12R	-26.433	-0.053727	-0.38597	0.032272	B12R	-26.379	-0.31534	-0.10755	B12R	-15.381	-13.446	0.028565
B13L	-23.425	10.202	-0.54439	-0.0089454	B13L	-23.803	-0.89442	-0.098043	B13L	0.7607	-0.83036	-0.0060145
B15R	-37.238	30.306	13.336	-0.0052095	B15R	-37.362	-0.097913	0.72846	B15R	12.539	-0.70298	-0.029716
B16L	-20.32	16.776	0.1066	-0.003374	B16L	-20.376	-0.60176	0.18839	B16L	0.58011	-0.99576	-0.011481
B18L	-43.635	0.74371	-0.63944	-0.0084269	B18L	-43.817	-0.86125	-0.15578	B18L	0.36346	-0.94081	-0.0049321
C05R	-14.295	23.035	-0.21353	-0.033241	C05R	-14.387	-11.335	0.11061	C05R	14.467	-12.156	-0.037676
E03R	-16.609	-58.863	0.94973	-0.038384	E03R	-16.296	32.918	-0.26434	E03R	-64.416	15.329	-0.04466
F02R	-10.052	-42.622	0.3229	0.01993	F02R	-98.213	20.539	-0.27045	F02R	-4.634	0.82682	0.019018