Rivista Italiana di Paleontologia e Stratigrafia
(*Research in Paleontology and Stratigraphy*)
vol. 123(2): 219-242. **July 2017**

REDESCRIPTION OF '*PERLEIDUS*' (OSTEICHTHYES, ACTINOPTERYGII) FROM THE EARLY TRIASSIC OF NORTHWESTERN MADAGASCAR

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SUPPLEMENTARY DATA

SPECIMEN	Labeling	SL	HL	HD	MBD	DFB	AFB	CPD	CPL	PPEC	PDOR	PPEL	PANA	PREO	POSTO	OD	MSD
MNHM F.MAE1023	*P. sp*	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
MNHM F.MAE361	*P. madagascariensis*	90.6	27.8	14.8	26.6	10.1	7.9	13.9	?	24	66	51.3	72	?	13.7	6	6.2
MNHM F.MAE652	*P. sp*	79	21.5	15.7	20.9	9.3	6.9	9.5	11.1	20.1	58.3	46.3	59.5	2.2	12.9	4.5	4.5
MNHN F.MAE111	*P. madagascariensis*	129.3	37.9	23.7	36.5	17.2	?	14.1	?	36.4	91.3	?	?	3.6	24.6	6.7	9.4
MNHN F.MAE1111	*P. sp*	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
MNHN F.MAE112	*P. madagascariensis*	94.3	26.5	16.8	26.8	13.4	11.5	13.9	15.3	25.3	60.2	50.5	68.4	2.3	15.5	5.6	7.4
MNHN F.MAE113	*P. madagascariensis*	72.1	20.3	14.1	23.9	11.6	7.2	11.3	9.8	19.2	54.5	38.5	56.6	3.4	11	4.8	5.2
MNHN F.MAE125	*P. madagascariensis*	88	24.7	15	26.2	11.6	6.8	11.6	13.1	24.6	62.7	47.4	64.7	2.8	13.9	5.1	5.8
MNHN F.MAE1282	*P. madagascariensis*	105.6	34	26.2	25.8	12	9.2	13.6	17	32.6	81.7	65.4	85.4	3.1	21.1	6.7	8
MNHN F.MAE1283	*P. madagascariensis*	104	29.3	19.7	28	13.1	9.5	13.5	16	26.6	70.4	57.5	78.2	3	17.7	6.9	6.5
MNHN F.MAE1284	*P. madagascariensis*	109.8	33.9	23.2	32.7	9.6	8.7	14.5	20.6	34.2	80.7	64.2	84.3	5.4	19.1	6.6	9.1
MNHN F.MAE1371	*P. madagascariensis*	93.6	23.3	16.2	25.6	7.8	6.3	14.8	19.4	23.8	61.4	51	67	3.5	14.2	5	6.4
MNHN F.MAE364	*P. madagascariensis*	78	21.7	15.5	22.3	10.2	8.7	10.9	15.4	21.8	54	40	56	3	11.8	5.7	5.1
MNHN F.MAE365	*P. madagascariensis*	51.1	16.4	12.1	16.1	5.8	4.6	8.1	8.2	16.1	32.9	29.8	40.7	2.1	8.9	3.4	3.1
MNHN F.MAE366	*P. sp*	94	31.1	19.6	28	?	10.4	?	?	29.5	74.1	53.9	69.9	3.7	18.7	6	7.3
MNHN F.MAE371	*P. madagascariensis*	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
MNHN F.MAE378	*P. madagascariensis*	90	33.6	24.2	30	11.4	10.1	15.4	?	31.9	74.9	55.4	72.2	5.5	19.2	7.1	7.4
MNHN F.MAE379	*P. madagascariensis*	77.8	30	16.5	22.3	8.2	?	12	13.1	27.4	62.3	48	?	4.6	17.6	4.8	4.7
MNHN F.MAE51	*P. madagascariensis*	?	29.8	19	22.7	?	?	?	?	28.2	?	50	?	3.2	18	5.9	6.3
MNHN F.MAE526	*P. madagascariensis*	81.6	20.7	15.2	23.6	8.5	6.6	11.5	12.2	20.1	58.1	48.1	64.6	2.5	13.1	4.5	4.7
MNHN F.MAE646	*P. piveteaui*	89.1	26.9	18	24.6	11.9	9	11.8	12.8	27.4	67.5	51.2	66.2	2.4	15.7	5.7	10
MNHN F.MAE847	*P. sp*	126.8	38.7	25.8	36.5	14.3	11.6	15	19.8	37.3	97	78.2	99.6	5.7	22.1	7.8	9.8
MPUM 11585	*P. sp*	61.5	19.9	12	18.3	8.3	5.2	8.9	?	18.9	42.4	32.8	48.7	2.8	10.3	4.5	3.6
MPUM 11586	*P. sp*	74.8	20.7	14.1	24.5	9.5	7.3	11	11.5	18.6	53	40.7	56.6	3	11.9	5	5.8
MSNM V1266	*piveteaui*	63.2	18.2	13.7	18.4	7.6	6	9.3	9.8	18	41.2	39	50	2.5	9.6	4	3.4
MSNM V1356	*P. sp*	73.1	20.1	13.8	18	8.3	6.6	9.6	10.3	20	54.6	40.1	57.3	2	11.5	4.9	7.2
MSNM V1369	*P. madagascariensis*	59.3	17.3	10.9	18.1	6.9	5.7	8.9	9.2	16.7	42.6	35	44.7	2.1	9.5	3.5	3.2
MSNM V1705	*P. madagascariensis*	87.4	24.6	16.9	26.3	9.5	7.6	10.8	13	25.4	62.3	52	67.6	3.4	13.9	5.5	6.1
MSNM V1708	*P. piveteaui*	86.3	22.6	17.5	21.4	9.7	7.3	10.5	11.9	23.3	62.2	51	68.5	3.4	12.6	5.3	8.8
MSNM V1723	*P. madagascariensis*	90.8	27.8	19.3	26.3	10.3	7	12.4	8	25.1	66.8	52.7	?	3.7	14.9	5.8	10.8
MSNM V1730	*P. piveteaui*	77.4	24.1	15	25.1	8.5	9.4	12.2	11.8	21	55.2	40.5	56.4	3.4	13.5	5.6	5.1
MSNM V1765	*P. piveteaui*	93.7	27.2	19.6	26.2	9.1	6.7	12.1	14.8	25.8	72.2	53.9	73	4	15.3	5.3	10.9
MSNM V1769	*P. sp*	83.8	23.6	15.3	23.6	9.8	9	9.8	13	24.2	55	44.3	60.4	3.5	13.3	5.2	7.1
MSNM V1777	*P. piveteaui*	82.4	24.9	16.5	27.3	10.1	8.7	12	13.2	25.2	55.6	40.8	59.8	?	?	?	5.6
MSNM V1782	*P. madagascariensis*	93.7	30.2	21.3	26.6	12.1	?	13.8	?	?	66.5	50.3	74.5	5	16.9	?	9.9
MSNM V1845	*P. piveteaui*	91.5	25.1	18.9	24.6	9.5	6.9	10.3	18.6	22.4	64.7	49.6	68.4	3.1	14.2	4.1	9.3
MSNM V1862	*P. madagascariensis*	64.5	19.9	13.6	19	7.2	4.8	9	9.3	16.5	44.3	37.1	50	2.3	11.5	4.4	3.4
MSNM V1925	*P. piveteaui*	92.4	22.2	17.3	28.3	?	9.6	12.5	15.4	21.2	65.1	48.5	67.5	?	13.9	?	6.8
MSNM V1945	*P. madagascariensis*	101.8	29.6	19.5	32.2	13.6	11	?	?	28.5	76.3	?	?	?	?	?	?
MSNM V3191	*P. sp*	?	27.9	18.6	?	?	?	?	?	29.3	?	?	?	2.8	15.9	7	8.9
MSNM V7116	*P. madagascariensis*	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
MSNM V7117	*P. piveteaui*	110	34.1	24.1	32	?	10	?	?	31.6	?	68.8	87	3.3	20	6.5	7
MSNM V7118	*P. piveteaui*	93.9	25	17.1	29.1	8.7	8.5	12.5	18.3	23.1	64	54.7	66.7	?	?	?	6.7
NHM 19580	*P. piveteaui*	?	22.8	15.7	21	?	?	?	?	18.1	?	?	?	2.4	13.6	4.4	5.9
NHM 19591/2	*P. piveteaui*	89.1	23.9	16.1	27	10.7	8.6	12.2	17.6	20.5	60	45.6	64	3.5	13.7	5.3	5.9

Table S1 - Measurements (in mm) for all the 45 specimens examined in the study. Abbreviations: AFB, anal-fin base; CPD, caudal peduncle depth; CPL, caudal peduncle length; DFB, dorsal-fin base; HD, head depth; HL, head length; MBD, maximum body depth; MSD, maximum scale depth; OD, orbit diameter; PANA, preanal distance; PDOR, predorsal distance; POSTO, postorbital length; PPEC, prepectoral distance; PPEL, prepelvic distance; PREO, preorbital length; SL, standard length.

SPECIMEN	Labeling	VSR	HSR	DFI	AFI	PFI	PFR	DFR	AFR	PVFR	CFR
MNHM F.MAE1023	*P. sp*	40	?	25	20	14	?	16	11	?	20
MNHM F.MAE361	*P. madagascariensis*	?	13	25	22	13	12	14	?	8	?
MNHM F.MAE652	*P. sp*	40	?	25	21	12	?	?	11	?	?
MNHN F.MAE111	*P. madagascariensis*	?	12	24	19	10	13	15	11	8	?
MNHN F.MAE1111	*P. sp*	40	13	24	21	11	?	14	11	?	?
MNHN F.MAE112	*P. madagascariensis*	41	12	26	22	12	12	15	11	7	?
MNHN F.MAE113	*P. madagascariensis*	?	13	27	?	10	?	15	?	?	?
MNHN F.MAE125	*P. madagascariensis*	40	13	26	22	13	?	14	?	8	20
MNHN F.MAE1282	*P. madagascariensis*	?	?	26	21	13	11	14	?	?	?
MNHN F.MAE1283	*P. madagascariensis*	40	12	25	21	13	12	15	15	9	?
MNHN F.MAE1284	*P. madagascariensis*	?	13	26	21	13	14	15	14	8	?
MNHN F.MAE1371	*P. madagascariensis*	41	?	?	?	13	?	?	?	?	20
MNHN F.MAE364	*P. madagascariensis*	40	14	25	21	12	?	17	13	?	?
MNHN F.MAE365	*P. madagascariensis*	?	?	?	18	9	?	?	12	7	?
MNHN F.MAE366	*P. sp*	?	13	?	?	13	14	?	?	9	?
MNHN F.MAE371	*P. madagascariensis*	?	13	?	21	13	?	?	13	9	?
MNHN F.MAE378	*P. madagascariensis*	?	?	25	22	13	?	?	?	?	?
MNHN F.MAE379	*P. madagascariensis*	41	?	26	?	13	13	?	?	8	?
MNHN F.MAE51	*P. madagascariensis*	?	?	?	?	11	15	?	?	9	?
MNHN F.MAE526	*P. madagascariensis*	39	15	25	22	12	?	16	13	8	20
MNHN F.MAE646	*P. piveteaui*	?	12	26	20	13	?	14	?	?	?
MNHN F.MAE847	*P. sp*	?	?	24	21	13	?	14	10	?	?
MPUM 11585	*P. sp*	39	13	24	?	11	?	14	?	7	?
MPUM 11586	*P. sp*	39	13	26	23	14	?	13	?	6	?
MSNM V1266	*piveteaui*	?	12	?	18	11	?	11	?	?	?
MSNM V1356	*P. sp*	42	12	25	20	12	?	15	11	?	?
MSNM V1369	*P. madagascariensis*	39	14	?	20	10	12	13	?	7	?
MSNM V1705	*P. madagascariensis*	?	15	24	20	12	?	14	12	7	?
MSNM V1708	*P. piveteaui*	?	12	25	?	?	?	?	?	?	?
MSNM V1723	*P. madagascariensis*	?	?	25	20	12	?	?	?	?	?
MSNM V1730	*P. piveteaui*	?	?	25	20	?	?	15	12	?	?
MSNM V1765	*P. piveteaui*	41	12	27	21	14	13	15	?	7	20
MSNM V1769	*P. sp*	40	14	26	23	14	13	12	11	?	?
MSNM V1777	*P. piveteaui*	41	14	26	23	11	?	12	13	6	?
MSNM V1782	*P. madagascariensis*	40	13	26	23	15	13	?	?	?	?
MSNM V1845	*P. piveteaui*	?	13	25	22	11	14	16	12	9	?
MSNM V1862	*P. madagascariensis*	39	?	25	20	11	?	?	11	?	?
MSNM V1925	*P. piveteaui*	?	13	?	?	?	?	?	12	?	?
MSNM V1945	*P. madagascariensis*	40	13	24	?	?	?	14	?	?	?
MSNM V3191	*P. sp*	?	?	25	?	12	12	?	?	7	?
MSNM V7116	*P. madagascariensis*	40	16	26	?	14	12	16	?	?	?
MSNM V7117	*P. piveteaui*	?	14	?	23	15	12	?	10	9	?
MSNM V7118	*P. piveteaui*	38	13	25	21	13	11	13	10	7	?
NHM 19580	*P. piveteaui*	?	13	?	?	12	?	?	?	?	?
NHM 19591/2	*P. piveteaui*	40	14	25	21	12	12	18	?	?	?

Table S2 - Meristic count for all the 45 specimens examined in the study. Abbreviations: AFI, anal-fin insertion; AFR, anal-fin rays; CFR, caudal-fin rays; DFI, dorsal-fin insertion; DFR, dorsal-fin rays; HSR, horizontal scale rows; PFI, pelvic-fin insertion; PFR, pectoral-fin rays; PVFR, pelvic-fin rays; VSR, vertical scale rows.

	X1	Y1	X2	Y2	X3	Y3	X4	Y4	X5	Y5	X6	Y6
MNHN F.MAE111	-0.00083	-0.00179	-0.00543	-0.00476	0.00183	0.00076	0.00476	0.00443	-0.00407	-0.00297	0.00464	0.00853
MNHN F.MAE112	-0.00022	-0.00024	-0.00189	0.00246	0.00022	0.00171	0.00447	0.00072	-0.0028	-0.00005	0.00824	0.00003
MNHN F.MAE113	0.00197	0.00089	0.0015	-0.00054	0.00129	-0.00187	-0.00049	0.0022	-0.00036	-0.00035	0.001	0.00277
MNHN F.MAE125	-0.00065	-0.00089	0.00039	0.00339	-0.00011	-0.00187	-0.00005	0.00031	-0.00042	0.0009	-0.00047	-0.00361
MNHN F.MAE1282	-0.00197	-0.00191	0.00042	-0.00124	-0.00324	-0.00282	-0.00015	-0.00047	0.00278	0.00244	-0.0039	0.00238
MNHN F.MAE1283	-0.00171	-0.00203	0.00124	-0.00157	-0.00091	0.00352	-0.00217	0.00049	0.00065	-0.00179	-0.00337	-0.00058
MNHN F.MAE1284	0.0002	0.00029	-0.00229	-0.00216	0.00039	0.00242	-0.00097	-0.00033	0.00002	-0.00116	-0.0025	0.00156
MNHN F.MAE1371	0.0012	0.00114	0.00234	-0.00376	0.00089	0.00116	-0.00308	0.00233	0.00061	-0.00234	-0.00212	0.00545
MNHN F.MAE365	-0.00049	-0.00023	0.00048	-0.00114	0.00085	-0.00109	0.00065	0.00105	0.00001	-0.00135	0.00192	0.00259
MNHN F.MAE366	0.00042	0.00065	-0.00049	0.00446	-0.00047	-0.00199	0.00103	-0.00442	-0.00023	0.00352	0.00155	-0.00291
MNHN F.MAE378	-0.00107	-0.00097	0.00003	0.00411	-0.00046	-0.00177	0.00002	-0.00624	0.00008	0.00356	0.00146	-0.00422
MNHN F.MAE379	-0.00144	-0.00073	0.00363	0.00331	-0.00128	-0.00439	-0.00261	-0.00491	0.00383	0.00206	-0.00318	-0.00342
MNHN F.MAE51	0.00172	0.00182	0.00289	0.0046	-0.00264	-0.00128	-0.0014	-0.00315	0.00342	0.00312	-0.0004	-0.00218
MNHN F.MAE526	0.00173	0.00099	0.00034	-0.00137	0.00226	0.00134	-0.0002	0.00472	-0.00305	-0.00155	-0.00132	0.00119
MNHN F.MAE652	0.0009	0.0007	0.0006	0.00058	0.00119	-0.00219	0.00099	0.00221	-0.00045	-0.00099	-0.00045	-0.0011
MNHN F.MAE847	0.00085	0.00062	-0.00011	0.00203	0.00068	0.00194	-0.00046	-0.00174	-0.00228	0.00194	0.00053	0.0003
MSNM V1266	-0.00182	-0.00136	0.00092	-0.00456	-0.00265	0.00102	0.00126	0.00833	0.00056	-0.00309	-0.00465	0.0058
MSNM V1369	-0.00299	-0.00173	0.00029	0.00111	-0.00164	0.00136	-0.00034	-0.00133	0.00161	0.00019	-0.001	-0.00442
MSNM V1705	0.00057	0.00022	-0.00061	0.00166	0.00013	-0.0022	-0.00023	-0.00314	0.00085	0.00167	-0.00033	-0.00367
MSNM V1730	0.00026	0.00033	-0.00022	-0.0017	0.00122	0.00111	-0.00178	-0.00163	-0.00066	-0.00035	0.00009	0.00184
MSNM V1862	0.00115	0.00086	-0.00158	0.0013	-0.00082	-0.00241	0.00179	-0.00067	0.00074	0.00117	-0.00046	-0.0018
MSNM V1925	0.00247	0.00144	0.0003	0.00461	0.00141	-0.0021	0.00043	-0.00476	-0.00039	0.00226	0.001	-0.00404
MSNM V7116	-0.00043	-0.00058	0.00325	-0.00142	-0.00147	0.00437	-0.00482	0.00202	0.00009	0.00082	-0.00702	-0.00035
MNHN F.MAE364	-0.00281	-0.00128	0.00245	-0.00043	-0.00019	0.00032	-0.00319	-0.00141	0.00158	-0.00135	-0.00076	-0.00057
MNHN F.MAE361	0.00106	0.0009	0.00365	0.00236	-0.00071	0.00125	-0.00271	-0.00175	0.00207	-0.00043	-0.00109	-0.00324
MNHN F.MAE646	0.00137	0.00112	-0.00648	-0.00312	0.00033	0.00256	0.00103	-0.00206	-0.00041	0.00079	0.00027	-0.00135
NHM 19580	0.00147	0.00101	-0.00076	-0.00123	0.00183	0.00134	0.00252	0.00348	-0.00331	-0.0015	0.00583	0.0024
NHM 19591	0.00089	0.0013	-0.00121	-0.00111	0.00242	0.00139	0.00072	0.00014	-0.00267	-0.00155	0.00419	0.00197
MSNM V1356	0.00045	0.00104	-0.00253	0.00193	0.00351	-0.00032	0.00268	-0.00353	-0.00207	-0.00164	0.00622	-0.00246
MSNM V1723	-0.00087	-0.00041	0.0012	-0.00268	-0.00162	-0.0032	0.00065	0.00235	0.00326	-0.001	-0.00059	0.0043
MSNM V1765	0.00209	0.00175	-0.00107	-0.00479	0.00081	-0.00101	0.00192	0.00455	0.00005	-0.00174	0.00241	0.00665
MSNM V1845	-0.00113	-0.00071	0.00012	-0.00132	-0.00159	0.00064	-0.00005	0.00126	0.00133	-0.00062	-0.00083	-0.00024
MSNM V3191	-0.00162	-0.00193	-0.00068	-0.0002	-0.00133	0.00093	-0.00024	0.00248	-0.00082	0.00092	-0.00482	-0.00243
MSNM V1708	-0.00069	-0.0003	-0.00071	0.00121	-0.00016	0.00138	0.00002	-0.00154	0.00045	0.00045	-0.0001	-0.00517

Table S3 - Landmark and semilandmark coordinates for the 34 specimens included in the morphospace analyses (continue).

	X7	Y7	X8	Y8	X9	Y9	X10	Y10	X11	Y11	X12	Y12
MNHN F.MAE111	0.00575	0.00461	0.00124	0.00348	0.00049	-0.00391	0.00315	0.00289	0.00409	0.0053	-0.00176	-0.00659
MNHN F.MAE112	0.00738	0.00298	-0.00011	-0.00004	-0.00063	-0.0014	0.00427	-0.00293	0.00658	0.0029	-0.00688	0.00056
MNHN F.MAE113	-0.00012	-0.00165	0	0.00037	-0.00123	-0.00042	-0.00308	0.00027	-0.00172	-0.00081	-0.00387	-0.01108
MNHN F.MAE125	0.00124	-0.00723	0.0022	-0.00058	0.0011	-0.0039	-0.00189	-0.00317	0.00092	-0.00268	-0.00055	-0.00482
MNHN F.MAE1282	0.00107	0.00231	0.00437	-0.00057	0.00066	0.00459	-0.00073	0.00454	0.00563	-0.00188	0.00031	0.00542
MNHN F.MAE1283	-0.00245	0.00377	-0.00015	-0.00104	-0.00358	0.00263	-0.00531	-0.00054	-0.00369	-0.00211	-0.00264	0.00346
MNHN F.MAE1284	-0.00168	0.00169	0.00376	0.00316	0.00295	-0.00552	-0.00359	-0.00004	0.00313	0.00585	0.00374	-0.00053
MNHN F.MAE1371	-0.00364	0.0056	0.00017	0.00022	0.00098	0.00356	0.00022	0.00655	-0.00103	0.00048	0.00376	0.00026
MNHN F.MAE365	0.00247	0.00111	0	0.00091	0.00044	-0.00163	-0.00057	-0.00014	0.00092	0.00302	-0.0012	-0.0077
MNHN F.MAE366	0.00277	-0.00451	0.0002	-0.00195	0.00057	0.00142	0.00354	-0.00531	0.00246	-0.00428	-0.00108	0.00348
MNHN F.MAE378	0.0032	-0.00252	-0.00056	-0.00139	-0.00033	0.00239	0.00464	-0.00416	-0.0009	-0.00566	-0.0013	0.00952
MNHN F.MAE379	-0.00396	-0.00194	-0.00186	-0.00085	-0.00087	-0.00032	-0.00146	-0.00473	-0.00648	-0.0019	0.00456	-0.00207
MNHN F.MAE51	0.00009	-0.00068	-0.00003	0.00015	0.00141	-0.00172	-0.00047	-0.0023	-0.00109	-0.00259	0.00111	0.00404
MNHN F.MAE526	-0.00483	-0.00237	-0.00085	0.00223	-0.00103	-0.00469	-0.0056	0.00048	-0.00137	-0.00011	0.0035	-0.00121
MNHN F.MAE652	0.00018	-0.00454	0.0007	-0.00123	0.00016	0.00245	-0.0006	0.00064	-0.00187	-0.00035	-0.00152	-0.00556
MNHN F.MAE847	0.00148	-0.00258	0.00072	-0.00052	0.00127	0.00211	0.00269	-0.00094	-0.00086	-0.00424	0.00143	0.0053
MSNM V1266	0.00037	0.0063	0.00015	0.00187	-0.00016	-0.00135	-0.0054	0.00422	-0.0037	0.00576	0.00196	-0.00598
MSNM V1369	-0.00079	0.00289	0.00199	-0.00302	0.0001	0.0029	0.00054	0.00135	-0.00243	-0.00432	-0.00026	0.00932
MSNM V1705	-0.00061	-0.00578	-0.00002	0.00005	0.00029	-0.0022	0.00193	-0.00101	0.00204	-0.00258	-0.00042	0.00307
MSNM V1730	-0.00066	0.00128	-0.0029	-0.00072	-0.00137	0.005	0.00146	0.00106	-0.00217	-0.0008	0.00146	0.00249
MSNM V1862	0.00194	-0.00654	-0.00006	0.00056	0.00042	-0.00286	0.00095	-0.00205	-0.00072	-0.00135	-0.00276	-0.00061
MSNM V1925	0.00069	-0.0075	-0.00005	-0.00224	0.0002	0.0022	-0.00018	-0.00565	0.00468	-0.00703	-0.0004	0.00879
MSNM V7116	-0.00482	0.00264	0.001	-0.00292	0.00014	0.006	-0.00675	0.00313	0	-0.00032	0.0028	-0.00295
MNHN F.MAE364	-0.00251	0.00269	-0.00388	0.00097	-0.00327	-0.00073	0.00215	-0.00047	-0.00638	0.00298	0.00078	-0.00059
MNHN F.MAE361	-0.00356	0.0003	-0.00512	-0.00063	-0.00145	-0.00132	-0.00418	-0.00086	-0.00165	0	0.00383	0.00316
MNHN F.MAE646	-0.00156	0.00016	-0.00167	0.00004	-0.00136	-0.00043	-0.00061	0.00069	-0.00063	0	-0.00304	0.00183
NHM 19580	0.00393	0.00096	0.00066	0.00004	0.00214	0.00103	0.00481	0.0047	0.00418	0.00115	-0.00102	-0.00112
NHM 19591	0.00014	0.002	-0.00002	-0.00014	0.00226	-0.00045	0.00216	-0.00091	0.00419	0.00409	-0.00045	-0.0049
MSNM V1356	-0.00018	-0.00228	0.00185	0.00036	0.00282	-0.00291	0.00426	-0.00391	0.00228	-0.0018	0.00061	0.00352
MSNM V1723	0.00045	0.00469	-0.00261	0.00276	-0.00222	-0.00097	0.0014	0.00128	-0.00441	0.00404	0.00232	-0.00354
MSNM V1765	0.00109	0.00416	0.00072	0.00168	-0.00017	0.00082	0.00275	0.00618	0.00198	0.00382	-0.00465	-0.00856
MSNM V1845	0.00069	0.00275	-0.00008	-0.00017	0.00027	0.00077	0.00267	0.00275	-0.00087	0.00436	-0.00363	-0.00217
MSNM V3191	-0.00059	-0.00231	-0.00025	-0.00057	-0.00016	0.00077	-0.00028	0.00096	-0.00056	0.00204	0.00357	0.0025
MSNM V1708	-0.00297	-0.00045	0.00049	-0.00027	-0.00082	-0.0019	-0.00289	-0.00255	-0.00053	-0.00097	0.0017	0.00325

Table S3 - Landmark and semilandmark coordinates for the 34 specimens included in the morphospace analyses (continue).

	X13	Y13	X14	Y14	X15	Y15	X16	Y16	X17	Y17	X18	Y18
MNHN F.MAE111	-0.00227	-0.00208	0.00233	-0.00235	0.00126	0.00472	0.00834	0.0061	-0.00113	-0.00668	-0.00474	-0.02099
MNHN F.MAE112	-0.01375	0.00099	0.00024	-0.00518	0.00619	-0.00222	-0.00153	0.00418	-0.01612	0.00248	-0.01785	-0.01219
MNHN F.MAE113	-0.00237	-0.00747	-0.00227	0.00101	0.00395	0.00613	0.00611	0.01148	0.00473	0.02039	-0.0028	-0.00565
MNHN F.MAE125	-0.00319	0.00193	0.00336	0.00231	0.00314	-0.00018	0.00094	0.00029	-0.00367	0.01527	-0.00276	0.00209
MNHN F.MAE1282	0.00142	-0.00363	0.0037	0.00509	-0.00207	-0.00094	0.00674	-0.0024	0.00533	0.00477	0.00197	0.00992
MNHN F.MAE1283	0.00815	-0.00289	-0.00113	-0.00373	-0.00266	0.01004	0.00261	0.00208	0.0062	-0.00249	-0.00753	-0.00837
MNHN F.MAE1284	0.00402	0.00025	0.00021	-0.01012	-0.00192	0.00073	0.00064	-0.00162	0.00203	-0.01007	-0.0028	-0.00576
MNHN F.MAE1371	0.0053	-0.00753	-0.0046	0.0036	-0.00817	0.00086	-0.0016	-0.00716	0.00608	-0.0177	0.00069	-0.00356
MNHN F.MAE365	-0.01077	-0.00151	0.00074	-0.0009	0.0057	0.00002	0.00147	0.00589	-0.01727	-0.00423	-0.00194	-0.01484
MNHN F.MAE366	-0.00568	0.01061	-0.00018	0.00113	0.00496	-0.00728	-0.00187	-0.00383	-0.00696	0.00045	-0.00308	0.00118
MNHN F.MAE378	-0.00335	0.0097	0.00043	0.00528	0.00015	-0.00822	-0.00428	-0.00401	-0.00794	0.00468	0.00185	0.01663
MNHN F.MAE379	0.0015	0.00852	-0.00194	0.00414	-0.0011	-0.00918	-0.00081	-0.00073	0.01016	0.00728	0.0129	0.00093
MNHN F.MAE51	-0.00172	0.00225	0.00139	-0.00535	0.00224	-0.00447	-0.00359	0.00129	-0.00886	-0.00028	0.00345	-0.00418
MNHN F.MAE526	0.00424	-0.00224	0.00254	0.00363	-0.00393	0.00926	0.00782	-0.0015	0.00833	0.00446	0.00398	0.0008
MNHN F.MAE652	-0.00164	-0.00029	-0.00645	-0.00053	-0.00306	-0.0039	-0.00294	0.0062	-0.00256	0.0024	-0.00468	-0.00879
MNHN F.MAE847	-0.00076	0.00565	0.00356	0.00283	0.00385	-0.00562	-0.00087	-0.00434	-0.01159	-0.00907	0.00697	0.00179
MSNM V1266	0.00694	-0.00717	0.00585	-0.00455	-0.00711	0.01231	0.00192	0.00151	0.01277	-0.00977	0.00964	-0.00784
MSNM V1369	0.00262	0.00023	0.00197	0.00279	-0.00228	-0.0003	-0.00109	-0.01099	-0.00398	-0.00695	-0.00758	0.01449
MSNM V1705	-0.00219	0.00201	0.00334	0.00597	0.00265	-0.00295	-0.0028	-0.00298	-0.00384	0.00889	0.00412	0.0129
MSNM V1730	0.0024	-0.00034	-0.00362	0.00274	-0.0017	-0.00165	-0.00282	-0.00182	-0.00242	-0.01625	-0.00328	-0.00275
MSNM V1862	-0.00254	0.00197	0.00416	-0.00354	0.00487	0.00044	-0.00067	0.00448	-0.00809	0.00482	-0.00269	-0.00063
MSNM V1925	-0.00427	0.00953	-0.00208	0.00416	0.00529	-0.00711	-0.00021	-0.00486	-0.01238	0.00414	-0.0071	0.00616
MSNM V7116	0.0086	-0.00544	0.00044	-0.002	-0.00211	0.00457	0.00648	0.00027	0.00526	-0.00495	0.00948	-0.00184
MNHN F.MAE364	0.00489	-0.00036	-0.00336	0.00039	-0.00156	-0.00257	-0.00434	0.00006	0.00203	-0.00799	-0.0052	-0.00587
MNHN F.MAE361	0.00057	-0.0014	0.0019	-0.00092	-0.00244	-0.00601	0.00168	0.00206	-0.00119	0.00268	0.00681	-0.00332
MNHN F.MAE646	0.00023	-0.00375	-0.00083	0.00011	0.00237	0.00558	-0.00086	-0.00255	0.00411	0.00079	-0.00606	0.00751
NHM 19580	-0.00764	-0.00742	0.00284	0.00301	0.00368	-0.00132	-0.00352	-0.00102	-0.01403	-0.00131	0.0024	0.00404
NHM 19591	-0.00189	0.00134	-0.00128	-0.00258	0.00304	0.0006	-0.00635	-0.00218	0.00537	-0.00204	0.00104	0.00584
MSNM V1356	-0.00318	0.00508	0.00202	-0.00321	0.00452	-0.00276	0.00321	-0.00016	-0.00172	0.00939	0.00747	0.00519
MSNM V1723	0.00372	0.00124	-0.00336	0.00255	-0.00302	0.00339	-0.00146	0.00601	0.01623	-0.00057	0.00653	-0.00587
MSNM V1765	-0.00257	-0.01098	-0.00534	0.00337	-0.00379	0.00679	-0.00031	-0.00032	0.01674	0.002	0.00146	0.00807
MSNM V1845	0.00198	-0.00472	-0.00309	-0.00594	-0.00648	-0.0004	-0.00626	0.00257	0.00244	-0.00194	-0.00178	0.00587
MSNM V3191	0.01079	0.00344	0.00094	-0.003	-0.00489	-0.001	-0.00493	-0.00222	0.00975	-0.00021	0.00446	0.00629
MSNM V1708	0.00238	0.00448	-0.00242	-0.00018	0.0004	0.00265	0.00518	0.00024	0.00621	0.00761	-0.00334	0.00273

Table S3 - Landmark and semilandmark coordinates for the 34 specimens included in the morphospace analyses (continue).

	X19	Y19	X20	Y20	X21	Y21	X22	Y22	X23	Y23	X24	Y24
MNHN F.MAE111	0.00773	0.00801	-0.00476	-0.00605	-0.0208	0.00316	-0.01013	0.01842	0.0344	0.0224	0.0062	-0.00732
MNHN F.MAE112	0.00453	0.00603	0.00224	-0.01416	-0.01065	-0.00933	-0.00785	-0.01184	-0.02443	-0.01562	0.01269	0.01551
MNHN F.MAE113	-0.00595	0.00601	-0.01935	0.01243	-0.00348	-0.00086	0.00309	-0.0215	-0.02608	-0.03571	0.02331	-0.04415
MNHN F.MAE125	-0.00676	-0.00611	-0.00608	-0.00118	-0.00063	0.00526	-0.00668	-0.00753	-0.01759	-0.03022	-0.01617	-0.01193
MNHN F.MAE1282	-0.01057	0.0008	-0.01353	0.01225	-0.00764	0.01645	0.02001	0.0145	-0.01042	-0.01808	-0.02613	-0.0378
MNHN F.MAE1283	0.00357	-0.01528	-0.00474	-0.02261	-0.00972	-0.0027	-0.01636	0.01	0.03665	-0.04691	-0.05264	-0.00664
MNHN F.MAE1284	0.00981	-0.0006	0.00148	-0.02135	-0.0286	-0.00859	0.01502	0.00482	0.01357	-0.01198	0.03528	0.03954
MNHN F.MAE1371	0.0044	-0.00095	0.00508	0.0062	-0.00252	-0.00935	-0.00545	-0.00593	0.0071	0.00449	-0.01242	0.02116
MNHN F.MAE365	0.00244	0.00134	-0.00374	0.00995	-0.01394	-0.00913	0.01659	0.01398	-0.00227	-0.01834	0.01972	0.04766
MNHN F.MAE366	-0.00486	-0.006	0.0077	0.01189	0.00783	-0.00271	-0.02536	-0.01728	-0.03453	0.0181	0.00027	0.0066
MNHN F.MAE378	-0.00644	0.00316	-0.0037	0.00977	0.01134	0.0119	0.00766	0.00492	-0.02643	0.01493	0.01329	-0.00408
MNHN F.MAE379	-0.00469	0.00022	0.00602	0.00282	0.01558	-0.00579	-0.00452	-0.02814	-0.02399	0.01916	-0.01528	-0.0192
MNHN F.MAE51	-0.00932	-0.0146	0.00794	0.01455	0.00376	-0.00771	0.0057	0.00044	-0.00346	0.01327	-0.00519	0.01454
MNHN F.MAE526	0.00206	0.005	-0.02149	0.01612	-0.00249	0.00335	-0.013	-0.01085	-0.01164	-0.00749	0.00165	-0.01013
MNHN F.MAE652	0.00027	0.0111	-0.00044	0.00805	-0.00661	-0.00781	-0.0032	-0.00798	0.00194	-0.00039	-0.0051	0.00822
MNHN F.MAE847	0.00461	-0.00466	0.02173	-0.0064	-0.00336	0.00854	0.02401	0.00873	-0.01377	-0.01046	-0.02817	-0.01645
MSNM V1266	-0.009	-0.00377	0.00471	-0.01084	0.01477	-0.00284	0.00091	0.00591	0.00822	0.02923	-0.00064	-0.00884
MSNM V1369	-0.00372	-0.0087	0.00604	-0.0079	0.03293	0.00943	-0.02857	-0.00071	0.00873	0.0343	-0.00195	-0.03108
MSNM V1705	-0.00121	0.00633	-0.00665	0.01817	-0.00798	0.00285	0.00884	0.00364	-0.00339	0.00789	-0.0416	-0.00128
MSNM V1730	-0.00605	-0.00845	0.01364	0.00536	0.01284	0.00355	-0.00663	0.01159	0.01056	-0.03127	0.00328	0.00023
MSNM V1862	-0.00289	-0.00282	0.0071	0.00124	-0.00204	0.00681	0.00751	0.01172	0.00061	0.02249	0.02619	-0.03201
MSNM V1925	0.01137	-0.00301	-0.0052	0.01915	-0.01494	0.00902	0.01525	0.02206	-0.02385	-0.00717	0.01721	0.02239
MSNM V7116	0.00165	-0.01331	0.00715	-0.01378	-0.005	0.00017	0.00157	-0.00318	0.02113	-0.02376	-0.02168	-0.02118
MNHN F.MAE364	-0.00109	-0.00351	0.00337	-0.00867	0.00196	-0.02272	0.00339	-0.01276	0.02794	0.0084	-0.0009	0.03055
MNHN F.MAE361	0.00873	-0.00074	0.00673	-0.01103	-0.00072	0.00232	0.01331	0.00044	-0.00953	-0.03467	-0.02863	0.01157
MNHN F.MAE646	0.00874	-0.00268	-0.00316	-0.00651	0.00533	-0.00015	-0.02145	0.00171	0.00407	0.00572	0.00419	0.01974
NHM 19580	0.00736	0.0121	0.00629	0.00484	0.00438	0.00317	0.02261	0.00189	-0.0028	-0.0152	-0.00091	0.03769
NHM 19591	0.00128	0.00188	0.01418	-0.00741	0.00526	0.00253	-0.01264	0.0009	0.03052	0.00508	0.0093	0.01816
MSNM V1356	0.00315	0.00503	0.01318	-0.01974	-0.00383	0.00477	0.01594	-0.01472	-0.02468	0.05276	0.03649	-0.03102
MSNM V1723	-0.00208	0.01239	-0.00946	0.01199	0.0186	-0.00271	-0.00449	0.00075	0.01379	0.00077	-0.00608	-0.00837
MSNM V1765	-0.0012	0.01102	-0.01616	0.00874	0.00302	-0.00333	-0.01561	-0.00115	-0.00785	0.03049	0.03274	0.00123
MSNM V1845	-0.0041	0.00431	-0.00566	-0.00481	0.01356	-0.00401	-0.01634	-0.00693	0.00994	0.00448	0.01214	0.01682
MSNM V3191	-0.0031	0.00257	-0.00175	-0.00468	0.00458	0.00496	0.02114	0.00933	0.03286	0.00712	-0.00764	-0.02385
MSNM V1708	0.00134	-0.00212	-0.00871	-0.00639	-0.0108	0.00149	-0.00429	0.00471	0.00468	0.00622	0.01718	0.0037

Table S3 - Landmark and semilandmark coordinates for the 34 specimens included in the morphospace analyses (continue).

Table S3 - Landmark and semi-landmark coordinates for the 34 specimens included in the morphospace analyses.

	X25	Y25	X26	Y26	UniX	UniY
MNHN F.MAE111	0.04034	0.041	-0.08309	-0.05894	-0.07678	0.05044
MNHN F.MAE112	0.00997	-0.02612	-0.01796	0.0042	-0.05354	0.00963
MNHN F.MAE113	-0.01029	-0.01764	0.00607	0.07928	0.07184	-0.01686
MNHN F.MAE125	0.04475	0.01882	0.02197	-0.00817	-0.06732	0.03004
MNHN F.MAE1282	0.00464	-0.02644	-0.00146	0.08283	-0.00527	0.03574
MNHN F.MAE1283	0.02582	0.00626	0.0255	-0.03617	0.00706	0.06901
MNHN F.MAE1284	-0.01141	-0.00599	0.02217	-0.04383	0.00866	0.00606
MNHN F.MAE1371	-0.0069	-0.00663	-0.05261	0.03192	0.01935	-0.02666
MNHN F.MAE365	-0.03415	-0.01662	0.08538	-0.03752	-0.00603	-0.06969
MNHN F.MAE366	-0.03447	-0.0121	-0.00885	0.01767	-0.09717	-0.02589
MNHN F.MAE378	0.02476	-0.02799	-0.01369	-0.01104	0.03541	-0.00785
MNHN F.MAE379	0.00061	0.0259	0.01704	0.04081	-0.09668	0.03322
MNHN F.MAE51	-0.00223	-0.00964	0.03049	-0.01442	-0.07098	-0.00015
MNHN F.MAE526	-0.00095	-0.01944	0.01871	-0.01975	0.05009	-0.01549
MNHN F.MAE652	0.00445	-0.02418	0.02788	0.02353	0.0114	-0.02302
MNHN F.MAE847	-0.00949	-0.00097	-0.04992	0.03896	-0.05351	-0.0186
MSNM V1266	-0.00896	-0.00197	0.04603	-0.06237	0.05516	0.01957
MSNM V1369	0.0321	0.04496	0.04078	-0.07154	0.08728	0.0007
MSNM V1705	-0.00839	-0.04339	-0.01867	-0.02702	0.02641	0.00849
MSNM V1730	0.03137	-0.01237	-0.00153	-0.0008	-0.00668	-0.02707
MSNM V1862	0.03482	-0.0084	0.00412	-0.03491	0.0064	0.00273
MSNM V1925	-0.0318	0.02637	-0.04696	0.00987	-0.03374	-0.04063
MSNM V7116	-0.00324	-0.01721	-0.00234	-0.02517	0.00053	0.04457
MNHN F.MAE364	0.00119	0.03022	0.04359	0.00749	0.04015	-0.02737
MNHN F.MAE361	0.0121	-0.01169	-0.10325	0.07504	-0.0127	-0.03537
MNHN F.MAE646	-0.00898	0.01887	0.04601	-0.03374	0.05188	0.01364
NHM 19580	-0.03355	-0.01273	-0.03823	-0.00314	-0.04554	-0.05549
NHM 19591	0.01063	0.01067	-0.03932	0.05986	-0.00649	-0.00948
MSNM V1356	-0.02321	0.04266	-0.08139	0.05966	-0.04709	-0.01047
MSNM V1723	-0.01366	0.00188	0.01818	0.01741	0.04335	0.00529
MSNM V1765	0.00475	0.02482	0.03218	-0.03059	0.08967	0.02405
MSNM V1845	-0.01002	0.03209	0.04536	-0.02576	0.0315	-0.03952
MSNM V3191	-0.00733	-0.00774	-0.03839	-0.01141	-0.00795	0.06436
MSNM V1708	-0.02326	-0.01524	0.06621	0.00779	0.05134	0.03208

ANOSIM			
Permutation N	9999		
Mean rank within	501.0		
Mean rank between	492.3		
R	-0.01754		
p (same)	0.6077		
p-value	"*P.*" *madagascariensis*	"*P.*" sp.	"*P.*" *piveteaui*
"*P.*" *madagascariensis*		0.6274	0.4254
"*P.*" sp.	0.6274		0.8045
"*P.*" *piveteaui*	0.4254	0.8045	
R-value	"*P.*" *madagascariensis*	"*P.*" sp.	"*P.*" *piveteaui*
"*P.*" *madagascariensis*		-0.03271	0.008416
"*P.*" sp.	-0.03271		-0.0524
"*P.*" *piveteaui*	0.008416	-0.0524	

Table S4 - Analysis of similarities (ANOSIM) performed on the entire dataset of morphometric and meristic parameters showing no significant differences between groups defined a priori (all $p > 0.05$).

ANOSIM			
Permutation N	9999		
Mean rank within	285.5		
Mean rank between	277.7		
R	-0.0276		
p (same)	0.609		
p-values	*"P." madagascariensis*	*"P." piveteaui*	*"P."* sp.
"P." madagascariensis		0.8153	0.4755
"P." piveteaui	0.8153		0.0615
"P." sp.	0.4755	0.0615	
R	*"P." madagascariensis*	*"P." piveteaui*	*"P."* sp.
"P." madagascariensis		-0.08397	0.0025
"P." piveteaui	-0.08397		0.2155
"P." sp.	0.0025	0.2155	

Table S5 - ANOSIM calculated along all RWs showing no significant differences between groups defined a priori (all $p > 0.05$). Euclidean distances were chosen as distance measure.

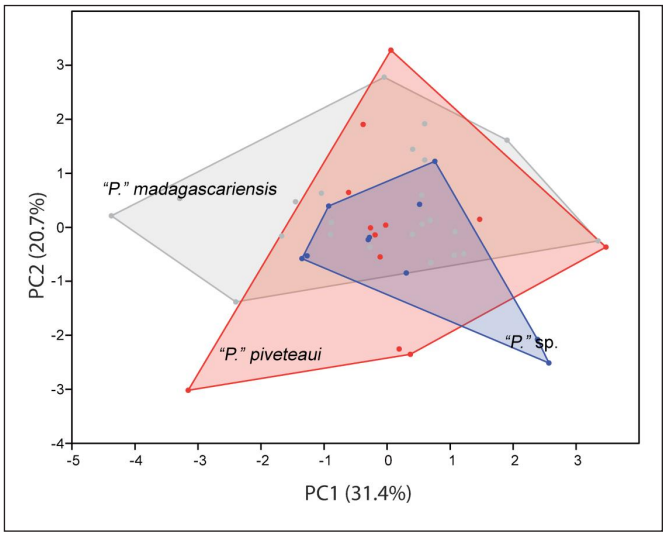

Figure S1 - Principal component analysis (PCA) performed on the entire dataset of standardized morphometric and meristic parameters.

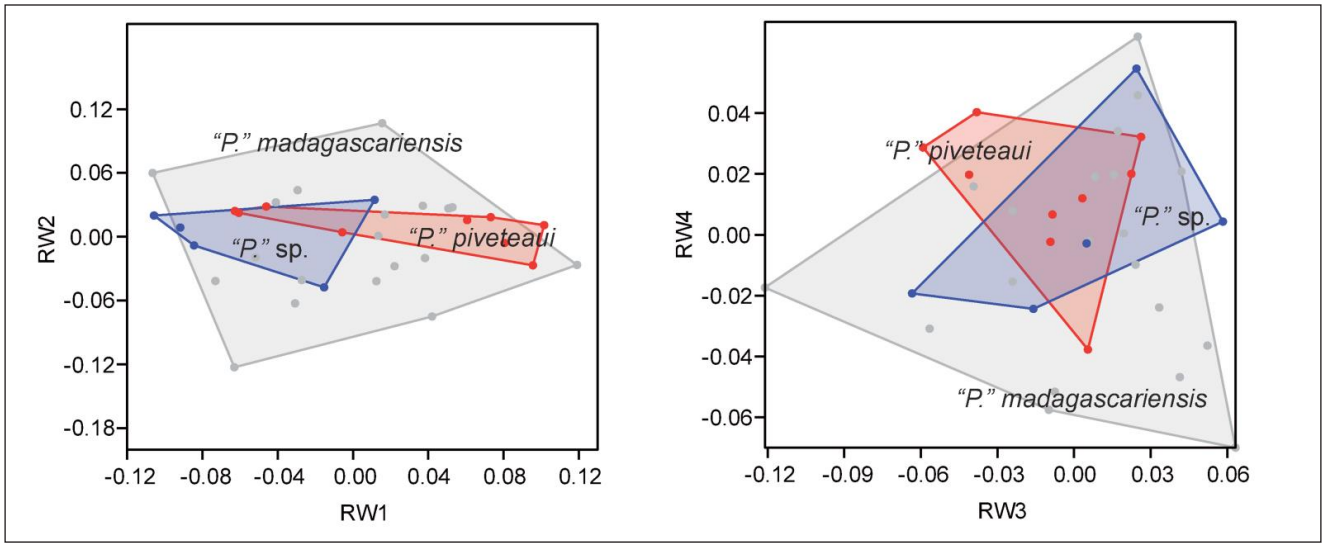

Figure S2 - Morphospace plotted on the first four RW axes showing the distribution of the three groups defined a priori.