

Online Supplementary data – Phylogenetic diversity of *Trachylepis* in Central and West Africa

Supplementary Table S1. Samples used with associated museum numbers, locality data and GenBank accession numbers. Acronyms represent the following museum and field numbers: AMNH: American Museum of Natural History, BYU: Monte L. Bean Life Science Museum, CAS: California Academy of Sciences, E/SS: field numbers from Muséum d'histoire naturelle de la Ville de Genève, MCZ: Museum of Comparative Zoology at Harvard University, MNHN: Muséum national d'histoire naturelle, MVZ: Museum of Vertebrate Zoology, NCSM: North Carolina Museum of Natural Sciences; TPNW: field numbers for Walter Taponjoui at University of Kansas, USNM: United States National Museum of Natural History, UTEP: University of Texas El Paso, KU: University of Kansas Biodiversity Institute, UWBM: University of Washington Burke Museum.

Catalog number	Species	Country	Latitude	longitude	16S	ND2	RAG1	KIF24	EXPH5
MNHN2002.742	<i>Trachylepis affinis</i>	Cameroon	6.415101	9.914989	AY159118	N/A	N/A	N/A	N/A
MNHN2002.746	<i>Trachylepis affinis</i>	Cameroon	5.489168	9.859714	AY159120	N/A	N/A	N/A	N/A
E146-8	<i>Trachylepis affinis</i>	Cameroon	N/A	N/A	N/A	N/A	N/A	N/A	MK542024
E146-9	<i>Trachylepis affinis</i>	Cameroon	N/A	N/A	N/A	N/A	N/A	N/A	MK542025
E185-12	<i>Trachylepis affinis</i>	Cameroon	4.689191	9.293039	N/A	MK583064	N/A	N/A	MK542033
BYU 62130	<i>Trachylepis affinis</i>	Cameroon	4.14633	9.24977	MK496060	MK583054	MK542162	MK542277	MK542029
BYU 62131	<i>Trachylepis affinis</i>	Cameroon	4.15965	9.22837	MK496061	MK583055	MK542161	MK542275	MK542036
BYU 62132	<i>Trachylepis affinis</i>	Cameroon	4.19787	9.33335	MK496057	MK583051	MK542164	MK542268	MK542027
BYU 62102	<i>Trachylepis affinis</i>	Cameroon	4.19787	9.33335	MK496058	MK583053	MK542160	MK542270	MK542028
BYU 62133	<i>Trachylepis affinis</i>	Cameroon	4.19787	9.33335	MK496059	MK583052	MK542165	MK542269	MK542023
BYU 62124	<i>Trachylepis affinis</i>	Cameroon	4.18399/ 4.12455	9.00361/ 9.490813	MK496062	MK583056	MK542156	MK542272	MK542034
BYU 62073	<i>Trachylepis affinis</i>	Cameroon	4.18399/ 4.12455	9.00361/ 9.490813	MK496063	MK583057	MK542158	MK542273	MK542037
BYU 62125	<i>Trachylepis affinis</i>	Cameroon	4.18399/ 4.12455	9.00361/ 9.490813	MK496064	MK583058	MK542166	MK542278	MK542041
BYU 62075	<i>Trachylepis affinis</i>	Cameroon	4.18399/ 4.12455	9.00361/ 9.490813	MK496065	MK583059	MK542157	MK542274	MK542030
BYU 62150	<i>Trachylepis affinis</i>	Cameroon	4.84778	9.81967	MK496067	MK583061	MK542163	MK542271	MK542031
MVZ245340	<i>Trachylepis affinis</i>	Ghana	5.87901	0.04529	MK496055	MK583049	MK542154	MK542265	MK542039
MVZ252604	<i>Trachylepis affinis</i>	Ghana	6.36724	-1.03301	MK496053	KY696695	N/A	N/A	MK542018
MVZ252605	<i>Trachylepis affinis</i>	Ghana	6.36718	-1.0339	N/A	MK583048	MK542167	MK542262	MK542040
MVZ252607	<i>Trachylepis affinis</i>	Ghana	6.36718	-1.0339	MK496054	MK583047	N/A	MK542263	MK542019
MVZ252608	<i>Trachylepis affinis</i>	Ghana	6.32135	-1.03417	KY683571	KY696694	MK542153	MK542264	MK542038
NCSM 88359	<i>Trachylepis affinis</i>	Equatorial Guinea	3.525217	8.597717	N/A	N/A	N/A	N/A	MK542032
NCSM 88360	<i>Trachylepis affinis</i>	Equatorial Guinea	3.5044	8.58555	MK496066	N/A	N/A	MK542276	MK542026
SS8-19	<i>Trachylepis affinis</i>	Cameroon	4.905511	9.951298	N/A	MK583063	N/A	N/A	MK542035
SS8-22	<i>Trachylepis affinis</i>	Cameroon	2.940169	9.911728	N/A	MK583062	N/A	N/A	MK542021
UWBM 6031	<i>Trachylepis affinis</i>	Ghana	8.29326	-2.28347	KY683572	KY696696	MK542159	MK542267	MK542022
UWBM 6039	<i>Trachylepis affinis</i>	Ghana	10.39	-2.06	MK496056	MK583050	N/A	MK542266	MK542020
MNHN2001.0101	<i>Trachylepis albilabris</i>	Cameroon	N/A	N/A	AB057396	N/A	N/A	N/A	N/A
AMNH 117578	<i>Trachylepis albilabris</i>	Cameroon	N/A	N/A	N/A	N/A	MK542178	MK542289	MK542051
MNHN2001.103	<i>Trachylepis albilabris</i>	Cameroon	1.941698	15.630326	AY159115	N/A	N/A	N/A	N/A
MCZ187714	<i>Trachylepis albilabris</i>	Gabon	0.62325	10.40275	N/A	MK583076	MK542175	MK542290	MK542054
USNM 584243	<i>Trachylepis albilabris</i>	Congo	-2.7197	13.8933	MK496076	MK583073	MK542177	MK542287	MK542050
USNM 584244	<i>Trachylepis albilabris</i>	Congo	-2.7197	13.8933	MK496075	MK583072	MK542174	N/A	MK542053
USNM 584249	<i>Trachylepis albilabris</i>	Congo	-2.5406	13.5461	MK496078	MK583074	N/A	MK542288	MK542052
USNM 584250	<i>Trachylepis albilabris</i>	Congo	-2.5406	13.5461	MK496077	MK583075	N/A	MK542286	N/A
USNM 584251	<i>Trachylepis albilabris</i>	Congo	-2.7197	13.8933	KY683566	KY696683	MK542176	MK542285	MK542049
MVZ245346	<i>Trachylepis aureogularis</i>	Ghana	5.29004	-2.63957	MK496068	MK583067	MK542168	MK542279	MK542042
MVZ245347	<i>Trachylepis aureogularis</i>	Ghana	5.29004	-2.63957	MK496070	MK583065	MK542170	MK542284	MK542043
MVZ245348	<i>Trachylepis aureogularis</i>	Ghana	5.29004	-2.63957	MK496069	MK583066	MK542169	MK542280	MK542044
MVZ252612	<i>Trachylepis aureogularis</i>	Ghana	6.36229	-1.03482	MK496074	MK583070	MK542171	MK542291	MK542047
MVZ252613	<i>Trachylepis aureogularis</i>	Ghana	6.25322	-1.03244	MK496072	MK583071	MK542173	MK542281	MK542046
MVZ252615	<i>Trachylepis aureogularis</i>	Ghana	6.25322	-1.03244	MK496073	MK583069	MK542179	MK542283	MK542048
MVZ252616	<i>Trachylepis aureogularis</i>	Ghana	6.25322	-1.03244	MK496071	MK583068	MK542172	MK542282	MK542045
E146-2	<i>Trachylepis gonwouoi</i>	Cameroon	2.337444	9.856796	N/A	N/A	N/A	MK542301	MK542062

Online Supplementary data – KAITLIN E. ALLEN et al.

Catalog number	Species	Country	Latitude	longitude	16S	ND2	RAG1	KIF24	EXPH5
E199-11	<i>Trachylepis gonwouoi</i>	Cameroon	4.898236	9.118524	N/A	N/A	N/A	MK542298	MK542059
CAS 261090	<i>Trachylepis gonwouoi</i>	Cameroon	4.15965	9.22837	KY683577	KY696693	MK542184	MK542297	MK542061
BYU 62155	<i>Trachylepis gonwouoi</i>	Cameroon	4.12455	9.490813	MK496156	MK583040	MK542182	MK542296	MK542060
BYU 62160	<i>Trachylepis gonwouoi</i>	Cameroon	4.82312	9.67045	MK496155	MK583039	MK542181	N/A	MK542063
BYU 62162	<i>Trachylepis gonwouoi</i>	Cameroon	4.82312	9.67045	MK496154	MK583038	MK542180	MK542295	MK542057
MVZ252619	<i>Trachylepis gonwouoi</i>	Ghana	6.36724	-1.03301	N/A	MK583042	MK542183	MK542300	MK542064
SS8-20	<i>Trachylepis gonwouoi</i>	Cameroon	4.905511	9.951298	MK496157	MK583043	N/A	N/A	MK542058
USNM584340	<i>Trachylepis gonwouoi</i>	Congo	1.0794	17.3061	MK496158	MK583041	N/A	MK542299	N/A
UTEP 21797	<i>Trachylepis maculilabris</i>	DR Congo	-2.24579	28.82177	MK496111	MK583120	MK542213	MK542351	MK542117
UTEP 21798	<i>Trachylepis maculilabris</i>	DR Congo	-3.0261	28.44226	MK496122	MK583130	MK542251	MK542341	MK542141
UTEP 21799	<i>Trachylepis maculilabris</i>	DR Congo	-3.40901	29.14272	MK496112	MK583121	MK542234	N/A	MK542145
UTEP 21800	<i>Trachylepis maculilabris</i>	DR Congo	-3.38346	29.11238	MK496113	MK583122	MK542243	MK542344	MK542122
UTEP 21801	<i>Trachylepis maculilabris</i>	DR Congo	0.68335	29.67143	MK496136	MK583144	MK542244	MK542342	MK542119
UTEP 21802	<i>Trachylepis maculilabris</i>	DR Congo	-1.84392	28.99566	MK496114	MK583123	MK542245	MK542355	MK542118
UTEP 21803	<i>Trachylepis maculilabris</i>	DR Congo	-2.7151	28.94622	MK496115	MK583124	MK542254	MK542352	MK542134
UTEP 21804	<i>Trachylepis maculilabris</i>	DR Congo	-2.73246	29.00345	MK496116	MK583125	MK542215	MK542353	MK542120
UTEP 21805	<i>Trachylepis maculilabris</i>	DR Congo	-5.05687	28.9236	N/A	MK583131	MK542232	N/A	MK542150
UTEP 21806	<i>Trachylepis maculilabris</i>	DR Congo	1.3669	29.0278	MK496123	MK583133	N/A	MK542333	MK542126
UTEP 21807	<i>Trachylepis maculilabris</i>	DR Congo	1.3975	28.5234	MK496124	MK583134	MK542258	N/A	MK542147
UTEP 21808	<i>Trachylepis maculilabris</i>	DR Congo	1.39838	28.56795	MK496125	MK583135	N/A	N/A	MK542135
UTEP 21809	<i>Trachylepis maculilabris</i>	DR Congo	-5.9302	29.192	MK496126	MK583136	MK542210	MK542354	MK542140
UTEP 21810	<i>Trachylepis maculilabris</i>	Burundi	-3.97948	29.43687	MK496117	MK583126	MK542233	MK542325	MK542143
UTEP 21811	<i>Trachylepis maculilabris</i>	Burundi	-3.08542	29.39849	MK496118	MK583128	MK542239	MK542326	MK542123
UTEP 21812	<i>Trachylepis maculilabris</i>	Burundi	-3.06749	29.4856	MK496119	MK583127	MK542255	MK542338	N/A
UTEP 21813	<i>Trachylepis maculilabris</i>	DR Congo	-4.08432	28.15373	MK496127	MK583137	MK542246	MK542343	MK542127
UTEP 21814	<i>Trachylepis maculilabris</i>	DR Congo	-4.42218	15.04904	MK496137	N/A	MK542252	MK542330	MK542130
UTEP 21815	<i>Trachylepis maculilabris</i>	DR Congo	-3.11525	16.11889	MK496138	N/A	MK542253	MK542324	MK542132
UTEP 21816	<i>Trachylepis maculilabris</i>	DR Congo	-2.64298	16.24122	MK496139	N/A	N/A	MK542336	MK542124
UTEP 21817	<i>Trachylepis maculilabris</i>	DR Congo	-2.60278	16.45472	MK496128	MK583138	MK542216	MK542327	MK542131
UTEP 21818	<i>Trachylepis maculilabris</i>	DR Congo	-2.74103	18.10927	MK496140	N/A	MK542241	MK542331	MK542128
UTEP 21819	<i>Trachylepis maculilabris</i>	DR Congo	-2.72735	18.14425	MK496129	MK583139	MK542257	MK542360	MK542136
UTEP 21820	<i>Trachylepis maculilabris</i>	DR Congo	-0.7465	18.2243	MK496141	N/A	MK542259	MK542340	MK542129
UTEP 21821	<i>Trachylepis maculilabris</i>	DR Congo	-0.25939	19.63575	MK496142	N/A	MK542242	MK542339	MK542125
UTEP 21822	<i>Trachylepis maculilabris</i>	DR Congo	-0.4945	20.16805	MK496130	N/A	MK542247	MK542348	MK542146
UTEP 21823	<i>Trachylepis maculilabris</i>	Uganda	0.25562	32.61842	N/A	MK583145	MK542256	MK542350	MK542149
UTEP 21824	<i>Trachylepis maculilabris</i>	DR Congo	-8.01388	27.11285	MK496132	MK583141	MK542209	MK542334	MK542116
UTEP 21825	<i>Trachylepis maculilabris</i>	DR Congo	-7.29363	27.39472	MK496133	MK583140	MK542211	MK542328	MK542139
UTEP 21826	<i>Trachylepis maculilabris</i>	DR Congo	-2.2319	28.7864	MK496120	MK583129	N/A	MK542332	MK542121
UTEP 21827	<i>Trachylepis maculilabris</i>	DR Congo	-3.34116	28.13452	MK496131	N/A	MK542214	MK542329	MK542138
UTEP 21828	<i>Trachylepis maculilabris</i>	DR Congo	-3.4338	29.1299	MK496134	MK583142	MK542248	MK542335	MK542107
UTEP 21829	<i>Trachylepis maculilabris</i>	DR Congo	-4.10832	29.09705	MK496135	MK583143	N/A	N/A	MK542148
BYU 62101	<i>Trachylepis maculilabris</i>	Cameroon	4.19116	9.32043	MK496090	MK583099	MK542231	MK542320	MK542096
BYU 62148	<i>Trachylepis maculilabris</i>	Cameroon	4.1607	9.22725	MK496091	MK583100	N/A	N/A	MK542098
BYU 62031	<i>Trachylepis maculilabris</i>	Cameroon	5.884266	10.37663	MK496092	MK583101	MK542212	MK542356	MK542095
BYU 62039	<i>Trachylepis maculilabris</i>	Cameroon	4.82358	9.67673	MK496093	MK583102	MK542221	MK542317	MK542100
BYU 62022	<i>Trachylepis maculilabris</i>	Cameroon	4.84778	9.81967	MK496094	MK583103	MK542218	MK542358	MK542097
BYU 62014	<i>Trachylepis maculilabris</i>	Cameroon	3.80871	11.46979	MK496095	MK583104	MK542227	MK542357	MK542108
BYU 62054	<i>Trachylepis maculilabris</i>	Cameroon	3.87237	11.47992	MK496096	MK583105	MK542220	MK542345	MK542101
BYU 62010	<i>Trachylepis maculilabris</i>	Cameroon	5.97627	10.36523	MK496097	MK583119	MK542222	MK542346	MK542094
MCZ184557	<i>Trachylepis maculilabris</i>	Cameroon	5.94625	10.73502	N/A	MK583098	MK542208	MK542315	MK542093
MCZ188639	<i>Trachylepis maculilabris</i>	Gabon	0.51121	12.80278	MK496143	MK583146	MK542228	MK542337	MK542137
MVZ245342	<i>Trachylepis maculilabris</i>	Ghana	8.2446	0.52426	MK496099	MK583106	MK542223	MK542321	MK542113
MVZ245344	<i>Trachylepis maculilabris</i>	Ghana	5.28182	-2.6414	N/A	MK583108	N/A	MK542314	N/A
MVZ249672	<i>Trachylepis maculilabris</i>	Ghana	8.26649	0.51772	MK496100	MK583107	MK542224	N/A	MK542110
MVZ249746	<i>Trachylepis maculilabris</i>	Ghana	8.34842	0.60111	MK496101	MK583109	MK542240	MK542359	MK542144
MVZ249747	<i>Trachylepis maculilabris</i>	Ghana	8.33383	0.59449	MK496102	MK583110	MK542225	N/A	MK542111

Online Supplementary data – Phylogenetic diversity of *Trachylepis* in Central and West Africa

Catalog number	Species	Country	Latitude	longitude	16S	ND2	RAG1	KIF24	EXPH5
MVZ249750	<i>Trachylepis maculilabris</i>	Ghana	8.8729	0.04346	KY683560	KY696699	MK542226	MK542316	MK542112
MVZ252620	<i>Trachylepis maculilabris</i>	Ghana	6.36724	-1.03301	MK496103	MK583112	MK542236	N/A	MK542115
MVZ252621	<i>Trachylepis maculilabris</i>	Ghana	6.25874	-1.02571	MK496104	MK583111	MK542237	MK542318	MK542103
MVZ253443	<i>Trachylepis maculilabris</i>	Nigeria	6.41	9.15	MK496105	N/A	MK542238	MK542322	MK542114
UWBM6045	<i>Trachylepis maculilabris</i>	Ghana	6.83497	-1.72172	N/A	MK583113	N/A	MK542319	MK542104
CAS 249859	<i>Trachylepis maculilabris</i>	Cameroon	4.597333	12.225333	MK496106	MK583114	MK542217	N/A	MK542105
CAS 249863	<i>Trachylepis maculilabris</i>	Cameroon	5.580617	10.590817	MK496107	MK583115	MK542249	N/A	MK542106
CAS 249868	<i>Trachylepis maculilabris</i>	Cameroon	6.548933	10.755883	MK496108	MK583116	N/A	N/A	N/A
CAS 250828	<i>Trachylepis maculilabris</i>	Burundi	-3.34304	29.27311	MK496121	MK583132	MK542229	MK542347	MK542142
CAS 253268	<i>Trachylepis maculilabris</i>	Cameroon	3.882069	11.420569	N/A	N/A	MK542230	N/A	MK542109
CAS 253495	<i>Trachylepis maculilabris</i>	Cameroon	3.058469	12.246769	MK496109	MK583117	MK542250	N/A	MK542133
CAS 253881	<i>Trachylepis maculilabris</i>	Cameroon	4.95539	9.86786	MK496110	MK583118	MK542235	MK542349	MK542099
BYU 62028	<i>Trachylepis maculilabris</i>	Cameroon	5.93248	10.13302	MK496098	N/A	MK542219	MK542323	MK542102
TPNW02	<i>Trachylepis mekuana</i>	Cameroon	5.7112	10.0739	N/A	MK583044	N/A	N/A	N/A
TPNW03	<i>Trachylepis mekuana</i>	Cameroon	5.7112	10.0739	N/A	MK583045	N/A	N/A	N/A
TPNW04	<i>Trachylepis mekuana</i>	Cameroon	5.7112	10.0739	N/A	MK583046	N/A	N/A	N/A
UWBM 6041	<i>Trachylepis paucisquamis</i>	Ghana	6.23085	-0.55801	KY683563	KY696687	N/A	MK542293	N/A
UWBM 6042	<i>Trachylepis paucisquamis</i>	Ghana	6.23085	-0.55801	KY683565	KY696686	N/A	MK542292	MK542055
UWBM 6043	<i>Trachylepis paucisquamis</i>	Ghana	6.23085	-0.55801	KY683564	KY696685	N/A	MK542294	MK542056
MNHN2001.0110	<i>Trachylepis perrotetii</i>	Cameroon	N/A	N/A	AB057401	N/A	N/A	N/A	N/A
MNHN2001.110	<i>Trachylepis perrotetii</i>	Cameroon	N/A	N/A	AY159114	N/A	N/A	N/A	N/A
E67-10	<i>Trachylepis perrotetii</i>		N/A	N/A	AY308219	N/A	N/A	N/A	N/A
CAS 249871	<i>Trachylepis perrotetii</i>	Cameroon	6.54865	10.762083	MK496088	MK583084	N/A	MK542311	MK542078
CAS 249872	<i>Trachylepis perrotetii</i>	Cameroon	6.5506	10.763217	MK496089	MK583085	MK542197	N/A	MK542079
E62-3	<i>Trachylepis perrotetii</i>	Cameroon	7.266113	12.149828	N/A	N/A	N/A	MK542312	MK542075
KU 291923	<i>Trachylepis perrotetii</i>	Guinea	10.688625	12.249579	JF498099	N/A	N/A	N/A	N/A
MCZ187610	<i>Trachylepis perrotetii</i>	Nigeria	7.0981389	11.05544	N/A	MK583086	MK542198	N/A	MK542080
MVZ238926	<i>Trachylepis perrotetii</i>	Niger	12.532	2.333833	N/A	MK583087	MK542195	N/A	N/A
MVZ245351	<i>Trachylepis perrotetii</i>	Ghana	5.84137	0.11555	MK496083	MK583080	MK542188	N/A	MK542071
MVZ245354	<i>Trachylepis perrotetii</i>	Ghana	8.2446	0.52426	KY683553	KY696681	MK542185	MK542302	MK542073
MVZ245440	<i>Trachylepis perrotetii</i>	Ghana	8.26694	0.51844	MK496082	MK583079	MK542187	MK542309	MK542065
MVZ249751	<i>Trachylepis perrotetii</i>	Ghana	8.34842	0.60111	MK496080	MK583077	MK542186	MK542303	MK542066
MVZ249752	<i>Trachylepis perrotetii</i>	Ghana	8.34842	0.60111	KY683552	KY696680	MK542189	MK542304	MK542067
MVZ249753	<i>Trachylepis perrotetii</i>	Ghana	8.34842	0.60111	MK496081	MK583078	MK542193	MK542305	MK542068
MVZ249755	<i>Trachylepis perrotetii</i>	Ghana	9.26044	-1.85073	MK496084	MK583082	MK542190	MK542306	MK542074
MVZ249756	<i>Trachylepis perrotetii</i>	Ghana	9.25915	-1.85493	MK496086	MK583083	MK542192	MK542307	MK542070
MVZ249758	<i>Trachylepis perrotetii</i>	Ghana	9.24191	-1.84415	KY683551	KY696679	MK542194	MK542308	MK542069
UWBM 6046	<i>Trachylepis perrotetii</i>	Ghana	8.28941	-2.27624	KY683550	KY696678	N/A	MK542310	MK542072
UWBM 6047	<i>Trachylepis perrotetii</i>	Ghana	10.38836	-2.46499	MK496087	N/A	MK542196	MK542313	MK542076
UWBM 6034	<i>Trachylepis perrotetii</i>	Ghana	10.42018	-2.07402	MK496085	MK583081	MK542191	N/A	MK542077
E146-1	<i>Trachylepis polytropis</i>	Cameroon	2.337444	9.856796	N/A	N/A	N/A	N/A	MK542082
E87-5	<i>Trachylepis polytropis</i>	Cameroon	N/A	N/A	N/A	N/A	N/A	N/A	MK542083
UTEP 21830	<i>Trachylepis polytropis</i>	DR Congo	N/A	N/A	N/A	MK583088	N/A	N/A	MK542081
AMNH 109798	<i>Trachylepis quinquetaeniata</i>	Mali	N/A	N/A	N/A	MK583093	MK542206	N/A	N/A
MVZ245356	<i>Trachylepis quinquetaeniata</i>	Ghana	5.87901	0.04529	MK496144	MK583092	N/A	MK542369	MK542084
MVZ249759	<i>Trachylepis quinquetaeniata</i>	Ghana	8.34842	0.60111	MK496145	MK583089	MK542199	MK542361	MK542086
MVZ249760	<i>Trachylepis quinquetaeniata</i>	Ghana	8.34842	0.60111	MK496147	MK583091	MK542201	MK542363	MK542087
MVZ249765	<i>Trachylepis quinquetaeniata</i>	Ghana	8.43526	0.60433	MK496146	MK583090	MK542200	MK542364	MK542085
MVZ249769	<i>Trachylepis quinquetaeniata</i>	Ghana	9.25915	-1.85493	MK496148	MK583094	MK542204	MK542368	MK542088
MVZ249790	<i>Trachylepis quinquetaeniata</i>	Ghana	9.25915	-1.85493	MK496149	MK583095	MK542207	MK542362	MK542092
UWBM 6050	<i>Trachylepis quinquetaeniata</i>	Ghana	8.30052	-2.29223	KY683553	KY696681	MK542203	MK542366	MK542091
UWBM 6053	<i>Trachylepis quinquetaeniata</i>	Ghana	10.42018	-2.07402	MK496150	MK583096	MK542202	MK542365	MK542090
UWBM 6056	<i>Trachylepis quinquetaeniata</i>	Ghana	10.42018	-2.07402	MK496151	MK583097	MK542205	MK542367	MK542089
CAS 213820	<i>Eutropis novemcarinata</i>	N/A	N/A	N/A	MK496152	MK583036	MK542260	N/A	MK542152
ZMKU 00704	<i>Eutropis longicaudata</i>	N/A	N/A	N/A	MK496153	MK583037	MK542261	N/A	MK542151

Supplementary Table S2. Pairwise uncorrected genetic distance matrix for mitochondrial genes 16S (top) and ND2 (bottom). Dashes indicate that no representative of that species was sequenced for that gene.

	1	2	3	4	5	6	7	8	9	10
1. <i>T. affinis</i>		5.97	5.06	4.43	5.81	10.41	10.99	10.22	11.49	–
2. <i>T. aureogularis</i>	16.33		4.46	4.43	5.78	9.89	11.77	8.32	11.77	–
3. <i>T. albilabris</i>	17.34	12.81		4.97	5.67	10.05	10.76	8.36	10.81	–
4. <i>T. gonwouoi</i>	14.75	14.41	15.26		4.31	8.08	9.33	7.61	11.74	–
5. <i>T. paucisquamis</i>	16.51	15.07	17.77	15.44		9.72	10.58	8.78	11.99	–
6. <i>T. perrotetii</i>	17.57	18.16	20.05	17.41	18.97		11.39	11.42	13.71	–
7. <i>T. maculilabris</i>	21.18	20.38	21.49	19.29	22.12	22.30		11.81	10.96	–
8. <i>T. quinquetaeniata</i>	19.88	20.96	21.69	19.22	19.59	20.94	20.24		12.32	–
9. <i>T. polytropis</i>	–	–	–	–	–	–	–	–	–	–
10. <i>T. mekuana</i>	22.44	23.04	23.06	21.17	24.49	22.88	24.05	21.60	–	–

Supplementary Table S3. A) Pairwise uncorrected genetic distance matrix for nuclear genes EXHP5 (top) and KIF24 (bottom). Dashes indicate that no representative of that species was sequenced for that gene. B) Pairwise uncorrected genetic distance matrix for nuclear gene RAG1.

A)

	1	2	3	4	5	6	7	8	9
1. <i>T. affinis</i>		2.94	2.04	2.29	2.88	2.54	4.83	5.87	4.76
2. <i>T. aureogularis</i>	0.81		1.34	2.46	2.68	3.16	5.82	6.94	5.82
3. <i>T. albilabris</i>	1.45	0.64		1.57	2.18	2.27	5.00	6.04	4.93
4. <i>T. paucisquamis</i>	1.18	0.37	0.37		2.85	2.94	5.07	6.26	5.15
5. <i>T. gonwouoi</i>	1.74	1.06	1.70	1.43		3.10	6.28	7.33	6.21
6. <i>T. perrotetii</i>	2.30	1.49	2.07	1.80	2.49		5.01	6.07	4.95
7. <i>T. polytropis</i>	–	–	–	–	–	–		5.15	5.00
8. <i>T. quinquetaeniata</i>	5.27	4.46	4.14	4.09	5.52	5.51	–		5.82
9. <i>T. maculilabris</i>	3.14	2.33	2.97	2.71	3.40	3.01	–	4.97	

B)

	1	2	3	4	5	6	7
1. <i>T. affinis</i>		0.49	0.64	0.74	0.92	1.78	0.55
2. <i>T. aureogularis</i>			0.58	1.03	1.21	2.06	0.83
3. <i>T. albilabris</i>				1.01	1.19	2.04	0.46
4. <i>T. gonwouoi</i>					1.29	2.15	0.92
5. <i>T. perrotetii</i>						2.33	1.09
6. <i>T. quinquetaeniata</i>							1.95
7. <i>T. maculilabris</i>							