

**Appendix C from D. San Mauro et al., “Initial Diversification of Living Amphibians Predated the Breakup of Pangaea”
(Am. Nat., vol. 165, no. 5, p. 590)**

Extended Result of the Phylogenetic and Molecular Clock Analyses

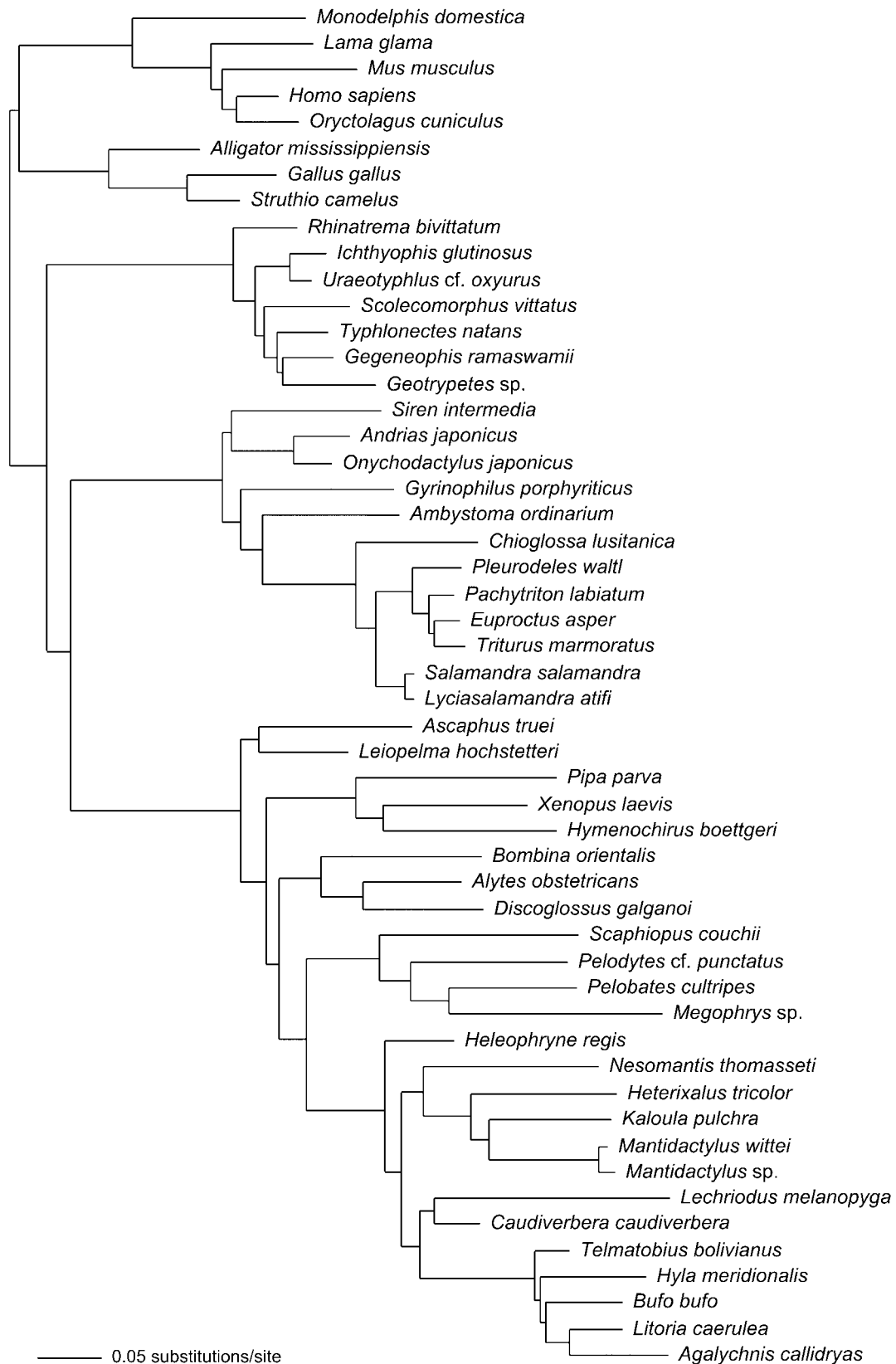


Figure C1: Unconstrained (nonultrametric) maximum likelihood phylogram showing the pattern of rate variability.

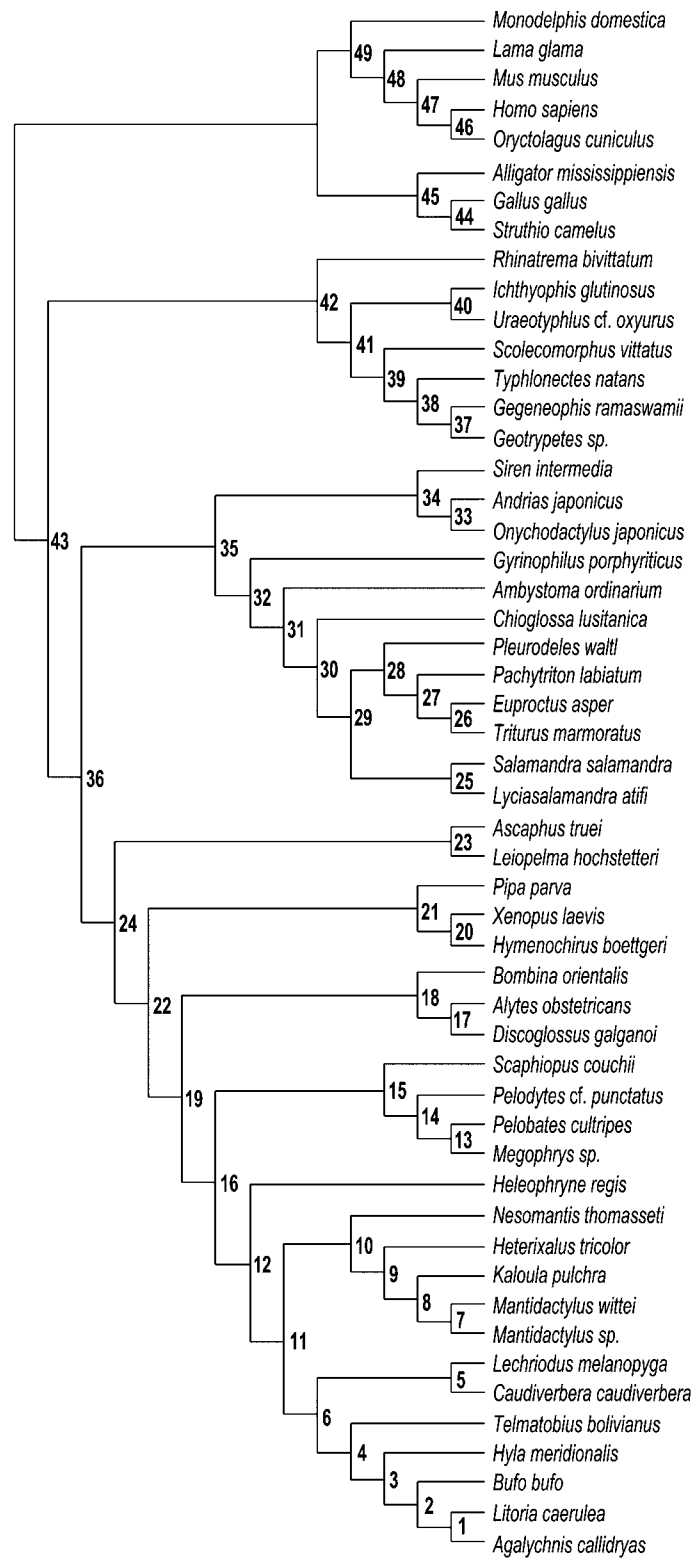


Figure C2: Topology of maximum likelihood tree with node numbers

Table C1
Statistical support and age estimates for each node

Node	Statistical support				Age estimate		
	ML	BI	ME	MP	Mean	SD	CI
1	99	100	62	78	46.786	4.507	42.136–58.676
2	...	...	...	...	57.932	6.894	46.703–73.632
3	62	80	...	...	60.911	7.313	48.793–77.276
4	100	100	100	100	65.054	7.976	51.916–82.813
5	59	96	...	...	120.302	16.153	90.608–154.232
6	...	66	...	...	138.029	16.259	108.041–171.613
7	100	100	100	100	9.783	2.835	4.455–14.604
8	77	85	54	75	86.527	14.961	58.430–117.456
9	100	100	98	93	99.044	15.831	69.940–132.137
10	51	69	...	...	130.791	17.253	99.065–166.582
11	...	99	...	...	149.698	17.569	117.136–186.236
12	100	100	98	95	161.706	18.087	127.892–198.934
13	77	100	57	51	117.860	21.874	77.179–161.823
14	55	97	...	...	142.478	22.350	100.511–186.596
15	100	100	100	97	163.582	22.470	121.398–208.485
16	75	100	...	...	216.353	21.210	176.105–259.721
17	100	100	96	95	151.529	24.047	104.840–199.422
18	100	100	100	97	198.574	22.812	155.298–243.508
19	58	96	...	...	234.862	21.336	194.878–277.135
20	54	93	75	60	154.815	25.044	107.122–204.529
21	100	100	100	98	176.697	24.524	130.300–226.269
22	82	98	...	...	244.773	21.597	204.091–288.157
23	86	91	100	94	236.661	22.575	192.567–281.017
24	100	100	100	100	262.470	20.798	223.183–304.551
25	100	100	100	100	35.001	15.688	11.878–72.953
26	61	90	66	66	37.216	12.877	17.492–67.106
27	100	100	96	99	45.100	14.773	22.066–78.803
28	100	100	97	100	66.955	18.681	36.038–108.754
29	89	98	100	91	109.771	22.505	68.634–155.305
30	100	100	100	100	138.300	24.024	92.913–186.583
31	82	100	...	...	230.107	22.234	187.516–274.276
32	63	98	...	...	252.585	20.505	213.251–293.835
33	100	100	100	100	177.404	13.696	161.513–211.731
34	...	...	...	...	261.358	18.722	226.966–300.312
35	100	100	100	100	272.544	19.036	238.099–311.837
36	...	67	71	75	356.959	22.261	317.256–405.261
37	65	95	...	...	146.417	14.070	130.529–182.564
38	58	99	...	89	155.237	15.275	134.243–193.482
39	56	99	78	88	177.064	17.788	147.982–217.600
40	100	100	98	100	104.305	22.436	64.645–151.029
41	56	94	83	94	192.414	18.786	160.280–232.994
42	100	100	100	100	214.285	20.306	177.412–255.705
43	94	100	76	71	367.378	22.699	327.517–417.364
44	100	100	100	100	120.214	28.004	70.487–177.954
45	100	100	100	100	237.672	24.284	185.812–279.520
46	71	83	78	91	116.492	26.867	66.555–170.896
47	80	85	...	65	142.652	28.232	87.831–196.801
48	100	100	100	100	159.483	28.201	103.183–213.141
49	100	100	100	100	236.372	24.267	183.620–278.913

Note: Statistical support given by bootstrap proportions for maximum likelihood (ML; 100 pseudoreplicates) and minimum evolution and maximum parsimony (ME and MP; 1,000 pseudoreplicates) and by Bayesian posterior probabilities (1,000,000 generations) for Bayesian inference (BI). Age estimates are in millions of years; also included are standard deviations and 95% confidence intervals (CI). Ellipses indicate support values of <50.