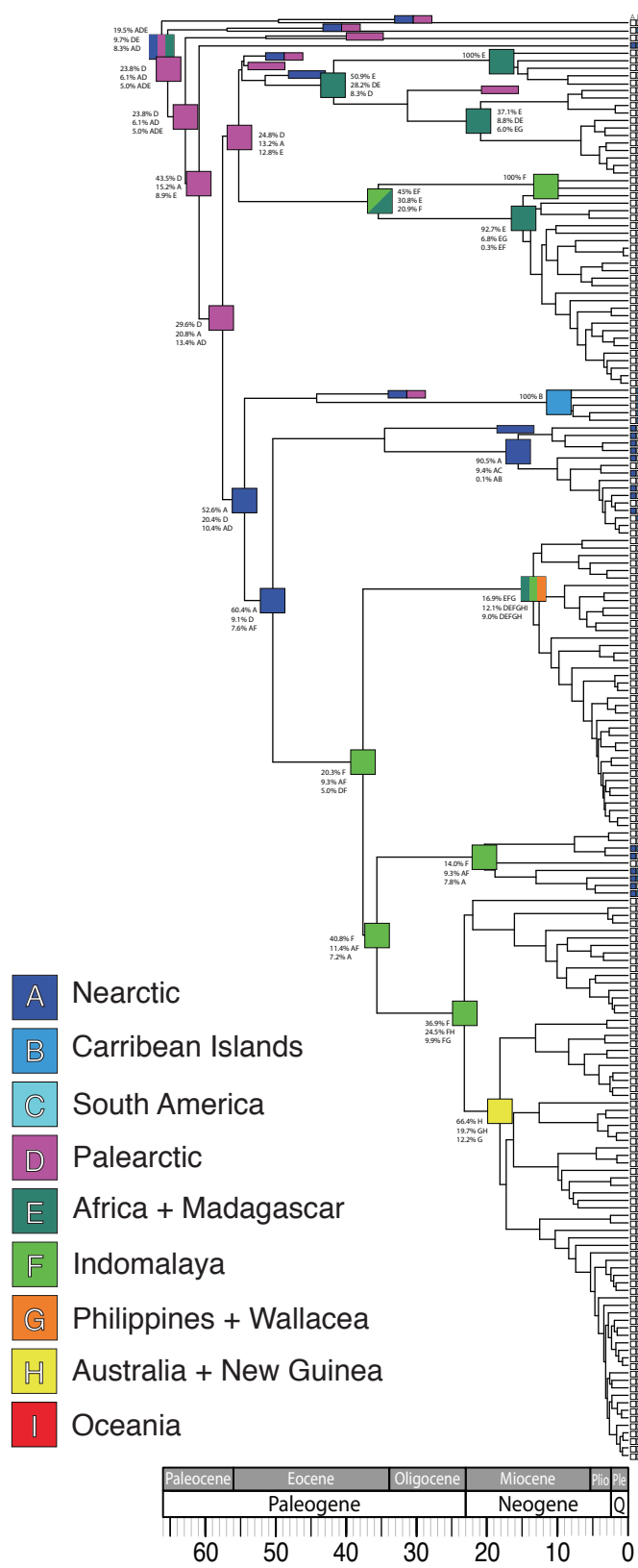
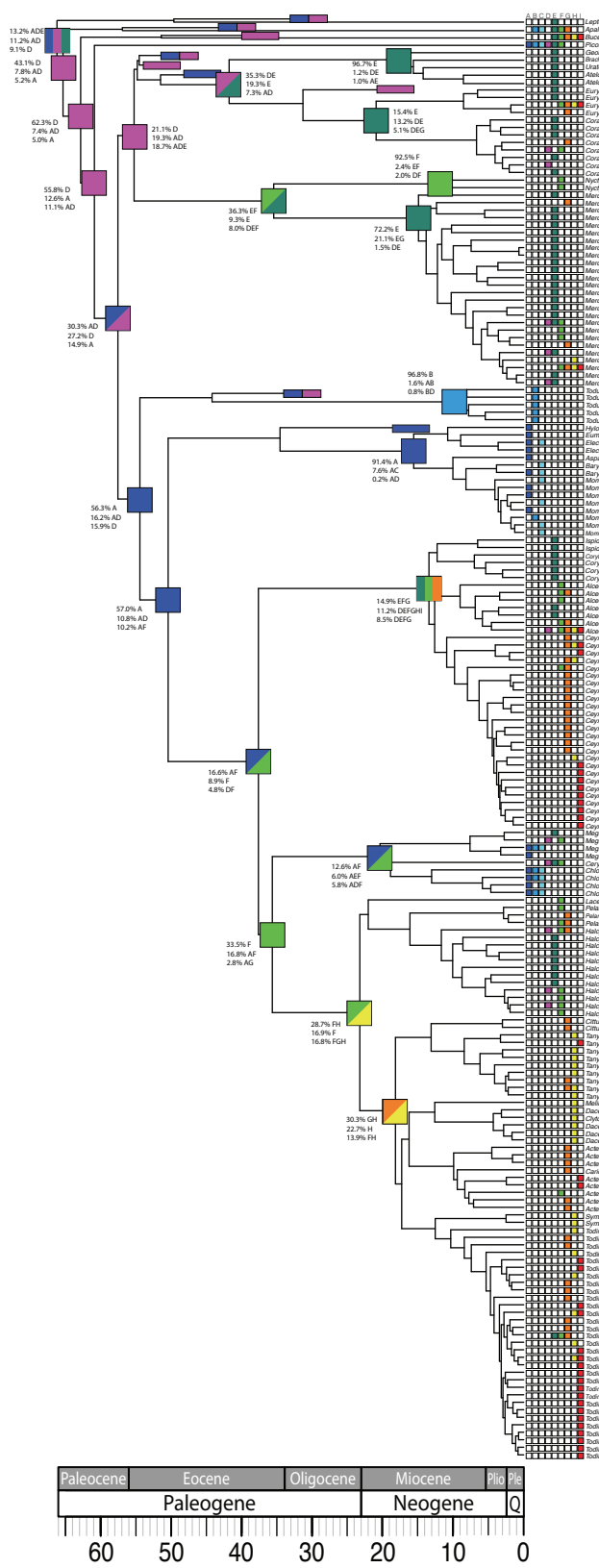


A. DEC+J; outgroup fossils as terminal tips



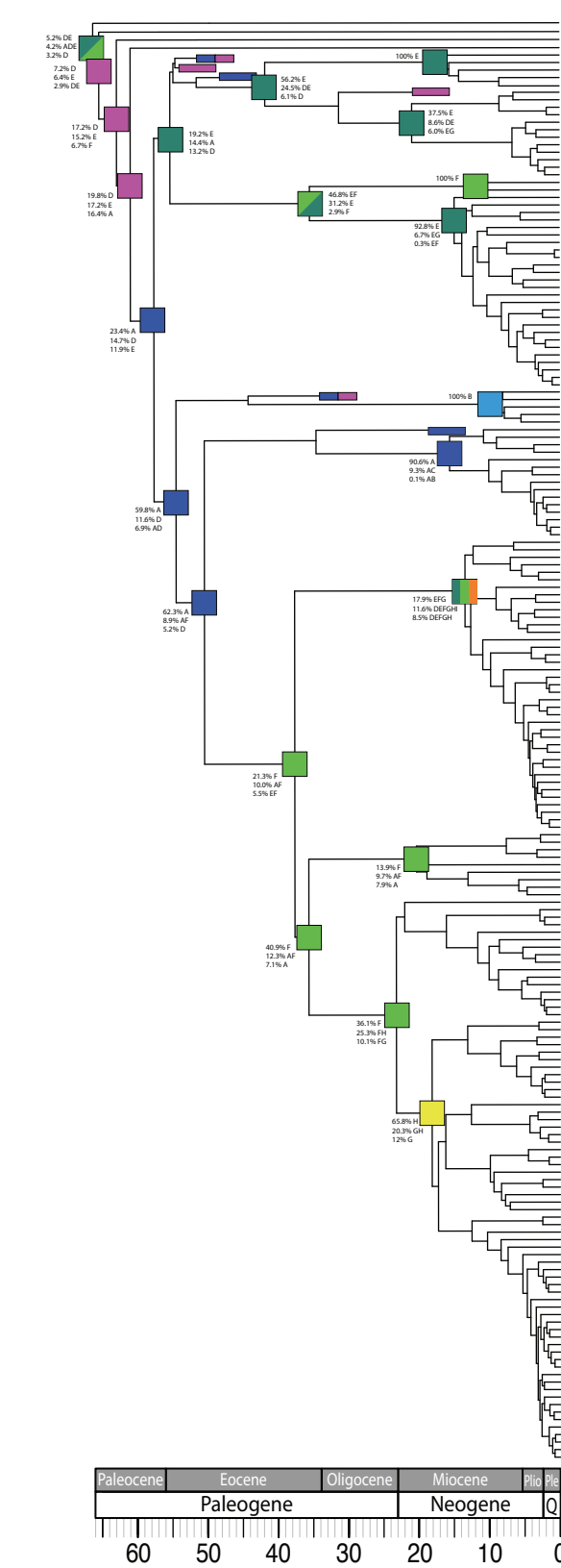
	LnL	Nparams	d	e	j	AIC	AIC wt
DEC	-487.3	2	0.0055	0.0041	0	978.6	1.7e-09
DEC+J	-466.1	3	0.0041	1.1e-09	0.015	938.2	1.00
DIVALIKE	-503.8	2	0.0066	0.0005	0	1012	1.1e-16
DIVALIKE+J	-475.3	3	0.0047	1.0e-12	0.015	956.6	0.0001
BAYAREALIKE	-561.6	2	0.0055	0.053	0	1127	9.03-42
BAYAREALIKE+J	-472.1	3	0.0028	0.0026	0.023	950.1	0.0026

B. DEC; outgroup fossils as terminal tips



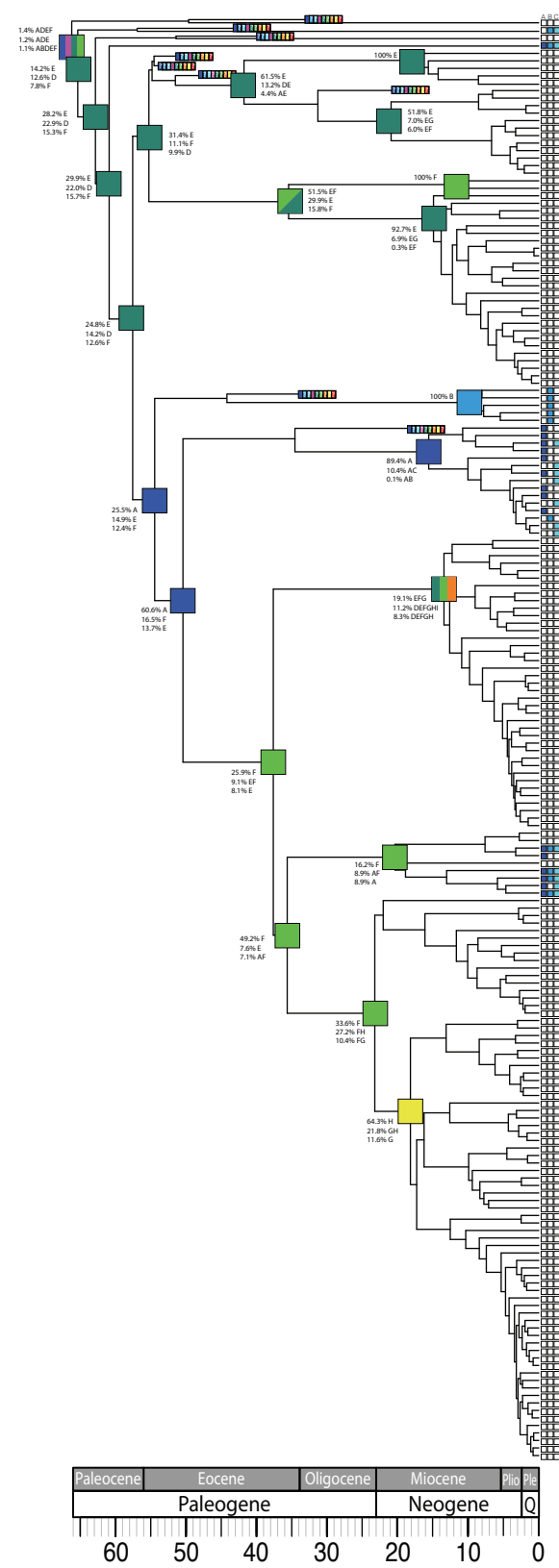
	LnL	Nparams	d	e	j	AIC	AIC wt
DEC	-473.1	2	0.0054	0.0023	0	950.3	2.4e-09
DEC+J	-452.3	3	0.0042	1.0e-12	0.014	910.6	1.00
DIVALIKE	-490.8	2	0.0067	0.0009	0	985.6	5.0e-17
DIVALIKE+J	-462.9	3	0.0047	1.0e-12	0.015	931.7	2.5e-05
BAYAREALIKE	-553.6	2	0.0058	0.053	0	1111	2.7e-44
BAYAREALIKE+J	-458.2	3	0.0028	0.0024	0.022	922.5	0.0026

C. DEC+J; outgroup fossils coded as a part of extant taxa's range



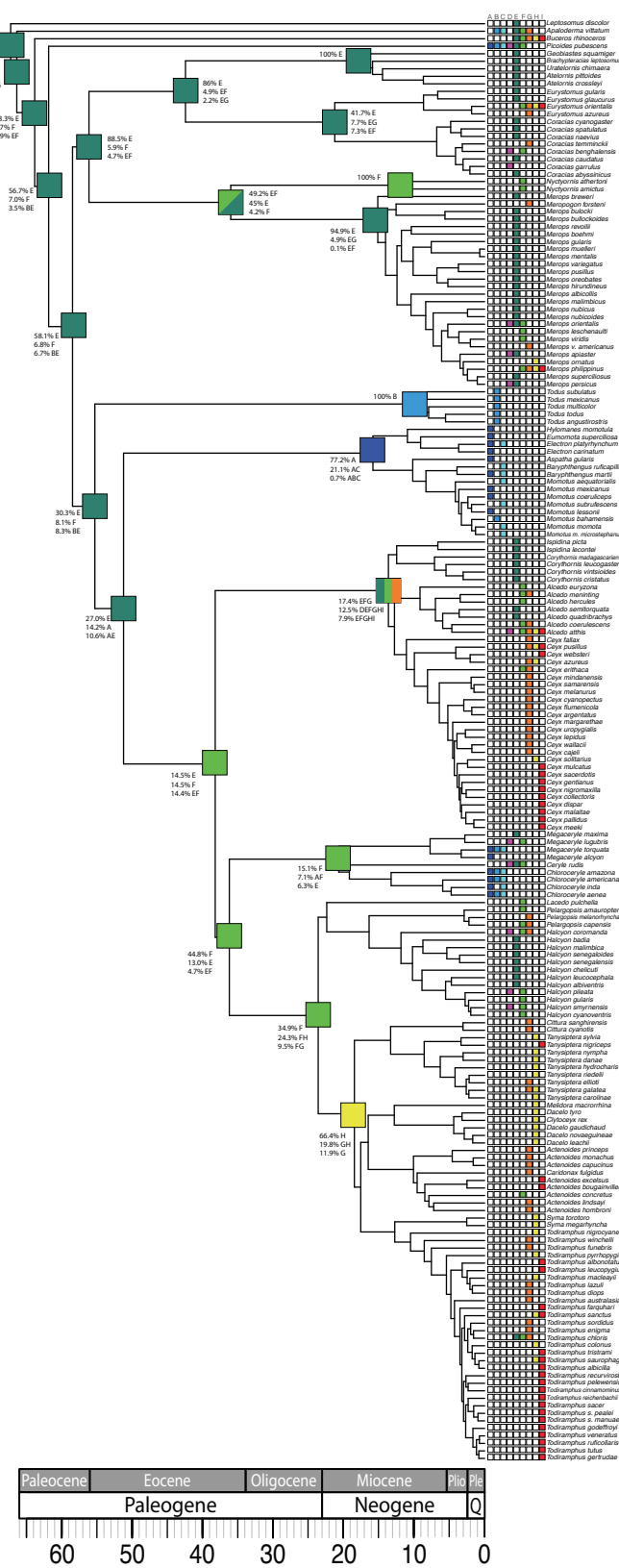
	LnL	Nparams	d	e	j	AIC	AIC wt
DEC	-473.1	2	0.0054	0.0023	0	950.3	2.4e-09
DEC+J	-452.3	3	0.0042	1.0e-12	0.014	910.6	1.00
DIVALIKE	-490.8	2	0.0067	0.0009	0	985.6	5.0e-17
DIVALIKE+J	-462.9	3	0.0047	1.0e-12	0.015	931.7	2.5e-05
BAYAREALIKE	-553.6	2	0.0058	0.053	0	1111	2.7e-44
BAYAREALIKE+J	-458.2	3	0.0028	0.0024	0.022	922.5	0.0026

D. DEC+J; fossil ranges coded with uncertainty



	LnL	Nparams	d	e	j	AIC	AIC wt
DEC	-470.4	2	0.0058	1.0e-12	0	944.7	1.50e-08
DEC+J	-451.7	3	0.0048	1.0e-12	0.013	909.3	0.74
DIVALIKE	-489.0	2	0.0071	1.0e-12	0	982	1.2e-16
DIVALIKE+J	-464.3	3	0.0052	1.0e-12	0.014	934.5	2.5e-06
BAYAREALIKE	-537.1	2	0.0055	0.051	0	1078	1.5e-37
BAYAREALIKE+J	-452.7	3	0.0029	0.0049	0.022	911.4	0.26

E. DEC+J; only extant ranges included (no fossils)



	LnL	Nparams	d	e	j	AIC	AIC wt
DEC	-449.1	2	0.005	0.001	0	903.4	2.6e-09
DEC+J	-428.9	3	0.004	1.0e-12	0.013	863.9	1.00
DIVALIKE	-467.5	2	0.0063	2.0e-09	0	939	4.8e-17
DIVALIKE+J	-440.9	3	0.0045	1.0e-12	0.014	887.8	6.5e-06
BAYAREALIKE	-525.6	2	0.0055	0.054	0	1055	2.8e-42
BAYAREALIKE+J	-435.1	3	0.003	0.0013	0.02	876.1	0.0022