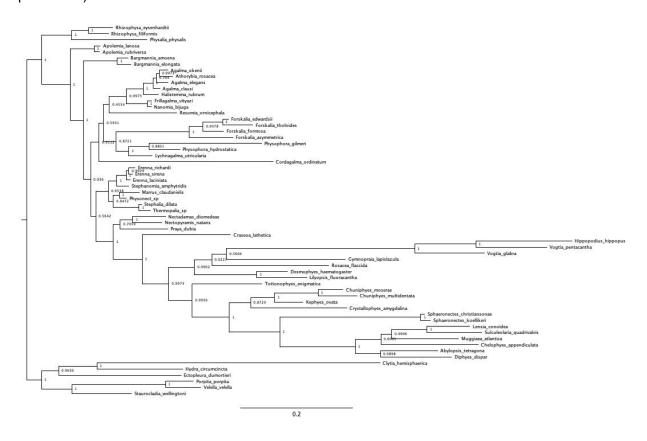
## 7.1) Unconstrained Bayesian topology inference in RevBayes (node labels are bayesian posteriors). Newick tree file underneath.

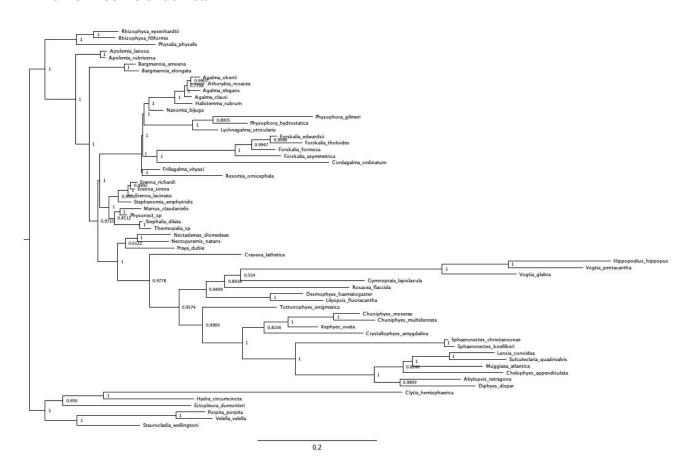


```
0.015063, Athorybia rosacea [&index=36, age 95% HPD={0.464679, 0.740253}]:0.023760)
[&index=62,posterior=0.997335,age_95%_HPD={0.483763,0.756565}]:
0.005364,Agalma_elegans[&index=37,age_95%_HPD={0.468372,0.737584}]:0.020719)
[&index=63,posterior=0.768992,age_95%_HPD={0.487539,0.756579}]:
0.005882, Agalma clausi [&index=34, age 95% HPD={0.483078, 0.754856}]: 0.012228)
[&index=64,posterior=1.000000,age 95% HPD={0.491989,0.763297}]:
0.017673, Halistemma_rubrum[&index=38,age_95%_HPD={0.486458,0.758012}]:0.027181)
[&index=65,posterior=1.000000,age_95%_HPD={0.511509,0.784184}]:0.030207,
(Frillagalma_vityazi[&index=40,age_95%_HPD={0.498178,0.766567}]:
0.007754, Nanomia bijuga [&index=39, age 95% HPD={0.494465, 0.76448}]: 0.007060)
[&index=66,posterior=1.000000,age_95%_HPD={0.503568,0.773097}]:0.037371)
[&index=67,posterior=0.997335,age 95% HPD={0.540588,0.810325}]:
0.030200, Resomia ornicephala [&index=33, age 95% HPD={0.450379, 0.720517}]:0.120437)
[&index=68,posterior=0.455353,age_95%_HPD={0.578464,0.83824}]:0.010512,
((((Forskalia_edwardsii[&index=26,age_95%_HPD={0.35351,0.633772}):
0.010387,Forskalia tholoides[&index=27,age 95% HPD={0.316389,0.597951}]:0.053883)
[&index=69,posterior=1.000000,age 95% HPD={0.371695,0.65146}]:
0.035114,Forskalia formosa[&index=28,age 95% HPD={0.369414,0.65142}]:0.036868)
[&index=70,posterior=0.997779,age_95%_HPD={0.401133,0.679769}]:
0.024273,Forskalia_asymmetrica[&index=29,age_95%_HPD={0.348609,0.631025}]:0.077834)
[&index=71,posterior=1.000000,age_95%_HPD={0.421408,0.700959}]:0.130862,
((Physophora_gilmeri[&index=31,age_95%_HPD={0.298243,0.592938}]:
0.200896, Physophora hydrostatica [&index=32, age 95% HPD={0.452347, 0.736304}]: 0.055082)
[&index=72,posterior=0.880053,age_95%_HPD={0.500391,0.789265}]:
0.035987,Lychnagalma utricularia[&index=30,age 95% HPD={0.496289,0.777155}]:0.041591)
```

```
[&index=73,posterior=1.000000,age_95%_HPD={0.544448,0.823009}]:0.022767)
[&index=74,posterior=0.872057,age_95%_HPD={0.560476,0.838006}]:0.022469)
[&index=75,posterior=0.593070,age_95%_HPD={0.586692,0.852049}]:
0.008213, Cordagalma_ordinatum[&index=25,age 95%_HPD={0.274418,0.58082}]:0.310718)
[&index=76,posterior=0.911151,age_95%_HPD={0.59764,0.867972}]:0.014353,
(((((Clytia_hemisphaerica[&index=45,age_95%_HPD={0,0}]:
0.505082, Hydra_circumcincta[&index=44,age_95%_HPD={0.231467,0.49268}]:0.152793)
[&index=77,posterior=1.000000,age_95%_HPD={0.397409,0.636664}]:
0.068519, Ectopleura_dumortieri [&index=46, age_95%_HPD={0.23006, 0.489631}]:0.218280)
[&index=78,posterior=0.963572,age_95%_HPD={0.455482,0.699436}]:0.030199,
((Porpita_porpita[&index=42,age_95%_HPD={0.189843,0.470581}]:
0.049112, Velella_velella[&index=41,age_95%_HPD={0.188119,0.467639}]:0.062693)
[&index=79,posterior=1.000000,age_95%_HPD={0.250334,0.52387}]:
0.167242, Staurocladia_wellingtoni[&index=43,age_95%_HPD={0.314408,0.576146}]:0.106224)
[&index=80,posterior=1.000000,age_95%_HPD={0.427294,0.690591}]:0.054107)
[&index=81,posterior=1.000000,age_95%_HPD={0.484448,0.741238}]:0.052845,
((Rhizophysa_eysenhardtii[&index=48,age_95%_HPD={0.407882,0.676769}]:
0.043253,Rhizophysa_filiformis[&index=49,age_95%_HPD={0.415632,0.681535}]:0.035539)
[&index=82,posterior=1.000000,age_95%_HPD={0.452762,0.718793}]:
0.029870,Physalia_physalis[&index=47,age_95%_HPD={0.340946,0.611859}]:0.134343)
[&index=83,posterior=1.000000,age_95%_HPD={0.482436,0.749708}]:0.053579)
[&index=84,posterior=1.000000,age_95%_HPD={0.524693,0.78635}]:0.050933,
(Apolemia lanosa[&index=24,age 95% HPD={0.521435,0.787183}]:
0.010697, Apolemia_rubriversa [&index=23, age_95%_HPD={0.52627, 0.795441}]:0.009824)
[&index=85,posterior=1.000000,age_95%_HPD={0.531939,0.795549}]:0.042557)
[&index=86,posterior=1.000000,age_95%_HPD={0.578489,0.843521}]:0.023485,
(Bargmannia_amoena[&index=21,age_95%_HPD={0.516738,0.787652}]:
0.018979,Bargmannia_elongata[&index=22,age_95%_HPD={0.511135,0.783723}]:0.024524)
[&index=87,posterior=1.000000,age_95%_HPD={0.53106,0.802516}]:0.060482)
[&index=88,posterior=0.936028,age_95%_HPD={0.602695,0.872172}]:0.013313)
[&index=89,posterior=0.564194,age_95%_HPD={0.60323,0.87487}]:0.008821,
((((Erenna_richardi[&index=18,age_95%_HPD={0.540367,0.814481}):
0.011241, Erenna_sirena[&index=17,age_95%_HPD={0.546024,0.821411}]:0.006492)
[&index=90,posterior=0.992892,age_95%_HPD={0.554771,0.829275}]:
0.004463, Erenna_laciniata [&index=19, age_95%_HPD={0.551135, 0.825779}]:0.007018)
[&index=91,posterior=1.000000,age_95%_HPD={0.555222,0.830749}]:
0.016711,Stephanomia_amphytridis[&index=20,age_95%_HPD={0.550251,0.82449}]:0.021181)
[&index=92,posterior=1.000000,age_95%_HPD={0.571915,0.846768}]:0.015174,
((Marrus_claudanielis[&index=16,age_95%_HPD={0.535721,0.813183}]:
0.035506, Physonect_sp[&index=15,age_95%_HPD={0.563582,0.839498}]:0.012554)
[&index=93,posterior=1.000000,age_95%_HPD={0.580401,0.855772}]:0.010868,
(Stephalia_dilata[&index=13,age_95%_HPD={0.530514,0.806209}]:
0.004257, Thermopalia_sp[&index=14,age_95%_HPD={0.515959,0.793978}]:0.019690)
[&index=94,posterior=1.000000,age_95%_HPD={0.54087,0.815943}]:0.046133)
[&index=95,posterior=0.847179,age_95%_HPD={0.590945,0.869625}]:0.008856)
[&index=96,posterior=0.953798,age 95% HPD={0.584419,0.862725}]:0.022389)
[&index=97,posterior=1.000000,age 95% HPD={0.618921,0.887079}]:0.031411,
((Nectadamas\_diomedeae[\&index=52,age\_95\%\_HPD=\{0.551992,0.826101\}]:
0.058455, Nectopyramis_natans[&index=51,age_95%_HPD={0.557939,0.830552}]:0.051951)
[&index=98,posterior=1.000000,age_95%_HPD={0.611728,0.884934}]:
0.022472, Praya_dubia[&index=50,age_95%_HPD={0.548485,0.824291}]:0.085224)
[&index=99,posterior=0.705908,age_95%_HPD={0.637176,0.906662}]:0.012062)
[&index=100,posterior=1.000000,age_95%_HPD={0.645882,0.918136}]:
0.051318,Craseoa_lathetica[&index=12,age_95%_HPD={0.535619,0.82475}]:0.157819)
[&index=101,posterior=0.997335,age_95%_HPD={0.693713,0.974829}]:0.047606,
(((((Hippopodius_hippopus[&index=9,age_95%_HPD={0,0.316924}]:
0.171280, Vogtia_pentacantha[&index=10,age_95%_HPD={0.042166,0.397079}]:0.126605)
[&index=102,posterior=1.000000,age_95%_HPD={0.171108,0.506919}]:
```

```
0.109297, Vogtia_glabra[&index=11,age_95%_HPD={0.161316,0.491405}]:0.124630)
[&index=103,posterior=1.000000,age_95%_HPD={0.284596,0.605301}]:
0.336071, Gymnopraia_lapislazula [&index=5, age_95%_HPD={0.410475, 0.714783}]:0.212260)
[&index=104,posterior=0.560640,age_95%_HPD={0.63112,0.932428}]:
0.025935,Rosacea_flaccida[&index=8,age_95%_HPD={0.44032,0.749791}]:0.208517)
[&index=105,posterior=0.922701,age_95%_HPD={0.667997,0.959107}]:0.031136,
(Desmophyes_haematogaster[&index=7,age_95%_HPD={0.516104,0.818946}]:
0.055205,Lilyopsis_fluoracantha[&index=6,age_95%_HPD={0.486648,0.791097}]:0.089324)
[&index=106,posterior=1.000000,age_95%_HPD={0.574173,0.874067}]:0.111128)
[&index=107,posterior=0.990227,age 95% HPD={0.699256,0.992887}]:0.045702)
[&index=108,posterior=0.995558,age_95%_HPD={0.749245,1.04062}]:
0.041900, Tottonophyes_enigmatica[&index=53,age_95%_HPD={0.649581,0.944736}]:0.124395)
[&index=109,posterior=1.000000,age_95%_HPD={0.785625,1.07957}]:0.066239,
(((Chuniphyes_moserae[&index=56,age_95%_HPD={0.62434,0.946846}]:
0.044766, Chuniphyes_multidentata [&index=55,age_95%_HPD={0.602079,0.925804}]:0.069271)
[&index=110,posterior=1.000000,age_95%_HPD={0.665166,0.988669}]:
0.078063, Kephyes_ovata[&index=57,age_95%_HPD={0.698399,1.02285}]:0.051340)
[&index=111,posterior=1.000000,age_95%_HPD={0.744986,1.06657}]:
0.041903, Crystallophyes_amygdalina[&index=54,age_95%_HPD={0.612727,0.948964}]:0.171123)
[&index=112,posterior=0.872945,age_95%_HPD={0.805091,1.11989}]:0.038299)
[&index=113,posterior=1.000000,age_95%_HPD={0.840611,1.14492}]:0.090252,
(Sphaeronectes christiansonae[&index=59,age 95% HPD={0.656238,0.995607}]:
0.006840, Sphaeronectes koellikeri [&index=58, age 95% HPD={0.65478, 0.99182}]: 0.017124)
[&index=114,posterior=1.000000,age_95%_HPD={0.67317,1.01212}]:0.251331)
[&index=115,posterior=1.000000,age_95%_HPD={0.930539,1.25255}]:0.134415,
(((Lensia_conoidea[&index=3,age_95%_HPD={0.844884,1.20418}]:
0.076785, Sulculeolaria_quadrivalvis [&index=2,age_95%_HPD={0.820127,1.18342}]:0.098097)
[&index=116,posterior=1.000000,age_95%_HPD={0.919128,1.27935}]:
0.063209, Muggiaea_atlantica [&index=1,age_95%_HPD={0.850546,1.21861}]:0.119478)
[&index=117,posterior=0.999556,age_95%_HPD={0.975116,1.33624}]:
0.018805, Chelophyes_appendiculata [&index=4, age_95%_HPD={0.8181,1.18676}]:0.173625)
[&index=118,posterior=0.609507,age_95%_HPD={1.01838,1.36204}]:0.045828)
[&index=119,posterior=0.989782,age_95%_HPD={1.04336,1.39629}]:
0.044896, Abylopsis_tetragona[&index=60,age_95%_HPD={0.982018,1.35291}]:
0.102270, Diphyes_dispar[&index=61,age_95%_HPD={0.960679,1.32121}]:0.126911)
[&index=120,posterior=1.000000,age_95%_HPD={1.0841,1.44568}]:0.000000;
```

## 7.2) Clade constrained Bayesian inference in RevBayes (node labels are Bayesian posteriors). Newick tree file underneath.



```
0.015158,Athorybia_rosacea[&index=27,age_95%_HPD={0.43043,0.712875}]:0.022663)
[&index=62,posterior=0.990671,age_95%_HPD={0.454338,0.734364}]:
0.006561, Agalma_elegans[&index=25, age 95% HPD={0.436356, 0.714924}]:0.021276)
[&index=63,posterior=0.770769,age_95%_HPD={0.459734,0.74267}]:
0.004611,Agalma_clausi[&index=24,age_95%_HPD={0.44855,0.728666}]:0.012336)
[&index=64,posterior=1.000000,age_95%_HPD={0.465781,0.745138}]:
0.015838, Halistemma_rubrum[&index=28, age_95%_HPD={0.451809, 0.735372}]:0.029173)
[&index=65,posterior=1.000000,age_95%_HPD={0.479228,0.760548}]:
0.044210, Nanomia bijuga [&index=29, age 95% HPD={0.49749, 0.782381}]: 0.024707)
[&index=66,posterior=1.000000,age_95%_HPD={0.524072,0.806445}]:0.007725,
((Physophora_gilmeri[&index=31,age_95%_HPD={0.238425,0.538528}]:
0.167607,Physophora_hydrostatica[&index=32,age_95%_HPD={0.344779,0.639023}]:0.057722)
[&index=67,posterior=0.800533,age_95%_HPD={0.409826,0.705695}]:
0.033901,Lychnagalma_utricularia[&index=30,age_95%_HPD={0.386465,0.676818}]:0.041800)
[&index=68,posterior=1.000000,age_95%_HPD={0.437987,0.725224}]:0.082177)
[&index=69,posterior=1.000000,age_95%_HPD={0.530534,0.813894}]:0.002673,
((((Forskalia_edwardsii[&index=21,age_95%_HPD={0.311891,0.601154}):
0.010574,Forskalia_tholoides[&index=22,age_95%_HPD={0.251498,0.54728}]:0.053020)
[&index=70,posterior=0.999556,age_95%_HPD={0.316727,0.606941}]:
0.031683,Forskalia_formosa[&index=20,age_95%_HPD={0.300364,0.592494}]:0.039563)
[&index=71,posterior=0.994669,age_95%_HPD={0.356087,0.645221}]:
```

```
0.028072,Forskalia_asymmetrica[&index=19,age_95%_HPD={0.301279,0.588998}]:0.077096)
[&index=72,posterior=1.000000,age_95%_HPD={0.371446,0.661577}]:
0.131007, Cordagalma_ordinatum[&index=23,age_95%_HPD={0.202171,0.515658}]:0.289124)
[&index=73,posterior=1.000000,age_95%_HPD={0.498805,0.788743}]:0.024589)
[&index=74,posterior=1.000000,age_95%_HPD={0.533264,0.815613}]:0.001870,
(Frillagalma_vityazi[&index=34,age_95%_HPD={0.510881,0.793339}]:
0.029670,Resomia_ornicephala[&index=33,age_95%_HPD={0.391366,0.679915}]:0.134899)
[&index=75,posterior=1.000000,age_95%_HPD={0.538082,0.822123}]:0.001518)
[&index=76,posterior=1.000000,age_95%_HPD={0.535746,0.818934}]:0.069786,
((((Erenna_richardi[&index=42,age_95%_HPD={0.53041,0.815729}):
0.010931, Erenna sirena [&index=41, age 95% HPD={0.538566, 0.824157}]: 0.006424)
[&index=77,posterior=0.990227,age_95%_HPD={0.553562,0.839077}]:
0.004443, Erenna | laciniata [&index=40, age 95% | HPD={0.551077, 0.835333}]:0.006865)
[&index=78,posterior=1.000000,age_95%_HPD={0.55684,0.841055}]:
0.016311,Stephanomia_amphytridis[&index=39,age_95%_HPD={0.555833,0.836764}]:0.021331)
[&index=79,posterior=0.999112,age_95%_HPD={0.574617,0.858209}]:0.015458,
((Marrus_claudanielis[&index=37,age_95%_HPD={0.535538,0.819015}]:
0.035316,Physonect_sp[&index=38,age_95%_HPD={0.552187,0.837546}]:0.011769)
[&index=80,posterior=1.000000,age_95%_HPD={0.566083,0.851016}]:0.009419,
(Stephalia_dilata[&index=36,age_95%_HPD={0.536852,0.82204}]:
0.004185, Thermopalia_sp[&index=35,age_95%_HPD={0.517134,0.803096}]:0.018725)
[&index=81,posterior=1.000000,age_95%_HPD={0.52989,0.815453}]:0.043071)
[&index=82,posterior=0.851177,age_95%_HPD={0.576495,0.861628}]:0.008558)
[&index=83,posterior=1.000000,age_95%_HPD={0.584816,0.868764}]:0.015589)
[&index=84,posterior=1.000000,age_95%_HPD={0.604648,0.886294}]:0.003894,
((((((Clytia_hemisphaerica[&index=11,age_95%_HPD={0,0.000765}]:
0.502740,Hydra_circumcincta[&index=10,age_95%_HPD={0.221406,0.49094}]:0.151870)
[&index=85,posterior=1.000000,age_95%_HPD={0.39044,0.634105}]:
0.068369,Ectopleura_dumortieri[&index=9,age_95%_HPD={0.218685,0.490098}]:0.215467)
[&index=86,posterior=0.956020,age_95%_HPD={0.442235,0.698851}]:0.029694,
((Porpita_porpita[&index=8,age_95%_HPD={0.189294,0.474792}]:
0.048496, Velella_velella[&index=7,age_95%_HPD={0.178193,0.465383}]:0.061382)
[&index=87,posterior=1.000000,age_95%_HPD={0.246889,0.526035}]:
0.166183, Staurocladia wellingtoni [&index=6, age 95%_HPD={0.32123, 0.592294}]: 0.105457)
[&index=88,posterior=1.000000,age 95% HPD={0.421939,0.690679}]:0.053964)
[&index=89,posterior=1.000000,age_95%_HPD={0.478159,0.741595}]:0.052614,
((Rhizophysa_eysenhardtii[&index=13,age_95%_HPD={0.3936,0.668312}]:
0.041485,Rhizophysa_filiformis[&index=12,age_95%_HPD={0.402405,0.675267}]:0.036072)
[&index=90,posterior=1.000000,age_95%_HPD={0.441593,0.714884}]:
0.029227, Physalia physalis [&index=14, age 95% HPD={0.330864, 0.613248}]:0.132809)
[&index=91,posterior=1.000000,age_95%_HPD={0.468727,0.746868}]:0.052497)
[&index=92,posterior=1.000000,age_95%_HPD={0.524709,0.798128}]:0.051383,
(Apolemia_lanosa[&index=16,age_95%_HPD={0.520345,0.80067}]:
0.011245,Apolemia_rubriversa[&index=15,age_95%_HPD={0.522089,0.806601}]:0.008971)
[&index=93,posterior=1.000000,age_95%_HPD={0.533089,0.814402}]:0.040975)
[&index=94,posterior=1.000000,age_95%_HPD={0.573778,0.854202}]:0.022410,
(Bargmannia_amoena[&index=17,age_95%_HPD={0.515574,0.79918}]:
0.018935,Bargmannia_elongata[&index=18,age_95%_HPD={0.51061,0.79301}]:0.024219)
[&index=95,posterior=1.000000,age_95%_HPD={0.534665,0.818213}]:0.059094)
[&index=96,posterior=0.972457,age_95%_HPD={0.597396,0.877833}]:0.014499)
[&index=97,posterior=1.000000,age_95%_HPD={0.608967,0.889803}]:0.034047,
((Nectadamas_diomedeae[&index=44,age_95%_HPD={0.548459,0.83838}]:
0.056444, Nectopyramis_natans[&index=43,age_95%_HPD={0.553211,0.844509}]:0.053194)
[&index=98,posterior=1.000000,age_95%_HPD={0.602362,0.891248}]:
0.019750, Praya_dubia[&index=45, age_95%_HPD={0.532354, 0.82919}]:0.082217)
[&index=99,posterior=0.612172,age_95%_HPD={0.629128,0.918236}]:0.012545)
[&index=100,posterior=0.977788,age_95%_HPD={0.64051,0.926052}]:
0.053311, Craseoa lathetica [&index=46,age 95% HPD={0.524382,0.823478}]:0.154615)
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[&index=101,posterior=0.957352,age_95%_HPD={0.684075,0.97993}]:0.049760,
(((((Hippopodius_hippopus[&index=50,age_95%_HPD={0,0.310499}]:
0.172035, Vogtia_pentacantha[&index=49,age_95%_HPD={0.029868,0.377937}]:0.125357)
[&index=102,posterior=1.000000,age_95%_HPD={0.155939,0.488732}]:
0.111043, Vogtia_glabra[&index=51,age_95%_HPD={0.145457,0.484351}]:0.124612)
[&index=103,posterior=1.000000,age_95%_HPD={0.285939,0.612524}]:
0.338982,Gymnopraia_lapislazula[&index=52,age_95%_HPD={0.428449,0.738439}]:0.208242)
[&index=104,posterior=0.553976,age_95%_HPD={0.624428,0.924703}]:
0.026978,Rosacea_flaccida[&index=53,age_95%_HPD={0.439563,0.76783}]:0.209154)
[&index=105,posterior=0.891604,age 95%_HPD={0.643768,0.956734}]:0.031298,
(Desmophyes haematogaster[&index=48,age 95% HPD={0.515935,0.82928}]:
0.054553,Lilyopsis_fluoracantha[&index=47,age_95%_HPD={0.495125,0.81103}]:0.088694)
[&index=106,posterior=1.000000,age_95%_HPD={0.575812,0.884962}]:0.108156)
[&index=107,posterior=0.940915,age_95%_HPD={0.688577,1.00334}]:0.045563)
[&index=108,posterior=0.996890,age_95%_HPD={0.729375,1.0299}]:
0.039612, Tottonophyes_enigmatica[&index=54,age_95%_HPD={0.636762,0.95137}]:0.124582)
[&index=109,posterior=1.000000,age_95%_HPD={0.762944,1.07213}]:0.066652,
(((Chuniphyes_moserae[&index=58,age_95%_HPD={0.622104,0.966794}):
0.043474,Chuniphyes_multidentata[&index=57,age_95%_HPD={0.597278,0.938589}]:0.068761)
[&index=110,posterior=1.000000,age_95%_HPD={0.66762,1.00699}]:
0.077203, Kephyes_ovata[&index=56,age_95%_HPD={0.685785,1.02161}]:0.049957)
[&index=111,posterior=1.000000,age_95%_HPD={0.735841,1.07483}]:
0.040215, Crystallophyes amygdalina (&index=55, age 95% HPD={0.618986, 0.972229}]: 0.166421)
[&index=112,posterior=0.815637,age_95%_HPD={0.790501,1.1163}]:0.036750)
[&index=113,posterior=1.000000,age_95%_HPD={0.821845,1.14803}]:0.089093,
(Sphaeronectes_christiansonae[&index=60,age_95%_HPD={0.645699,0.999582}]:
0.006575,Sphaeronectes_koellikeri[&index=59,age_95%_HPD={0.634224,0.986179}]:0.017254)
[&index=114,posterior=1.000000,age 95% HPD={0.65087,1.0041}]:0.250875)
[&index=115,posterior=1.000000,age_95%_HPD={0.909288,1.25349}]:0.133029,
(((Lensia_conoidea[&index=4,age_95%_HPD={0.817226,1.19543}):
0.075667,Sulculeolaria_quadrivalvis[&index=3,age_95%_HPD={0.794534,1.17202}]:0.095955)
[&index=116,posterior=1.000000,age_95%_HPD={0.898956,1.27299}]:
0.061886, Muggiaea_atlantica [&index=2, age_95%_HPD={0.843982,1.22406}]:0.118205)
[&index=117,posterior=1.000000,age_95%_HPD={0.956531,1.33539}]:
0.015733, Chelophyes_appendiculata [&index=5, age_95%_HPD={0.812725,1.18052}]:0.168559)
[&index=118,posterior=0.624611,age_95%_HPD={0.985552,1.32533}]:0.048370)
[&index=119,posterior=0.980897,age_95%_HPD={1.02315,1.38728}]:
0.043335, Abylopsis_tetragona[&index=1,age_95%_HPD={0.962102,1.33935}]:
0.101748, Diphyes_dispar[&index=61,age_95%_HPD={0.940806,1.31304}]:0.126938)
[&index=120,posterior=1.000000,age_95%_HPD={1.06318,1.44233}]:0.000000;
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