Supplementary Table S2. Age estimates for fossil-constrained clades by other calibrations

Node/ Cal.	Constraint age input range (Ma)	Age with Osteichthyes calibration (Ma), range/mean Posterior, *prior*	Age with plant calibration (Ma), range/mean Posterior, *prior*	Age with fungal calibrations (Ma), range/mean Posterior, *prior*	Age with Plant+Fungal calibrations (Ma), range/mean Posterior, *prior*	Age with Plant+ Animal calibrations (Ma), range/mean Posterior, *prior*	Age with Fungal+ Animal calibrations (Ma), range/mean Posterior, *prior*	Age with root-only calibrations (Ma), range/mean Posterior, *prior*
Osteichthyes	467-445	--	U: 422-165/272 *356-156/ 244* L: 178-68/114 *173-66/111* C: 423-192/ 294 *430-211/ 310*	U: 235-117/171 *220-110/157* L: 199-69/128 *220-87/147* C: 329-166/244 *330-168/ 243*	U: 245-124/ 178 *220-115/164* L: 195-70/120 *206-75/133* C: 338-166; 249 *337-180; 257*	--	--	U: 594-154/342 *592-16/ 350* L: 437-84/212 *378-90/210* C: 964-253/ 561 949-249/552
Plantae	750-590	U: 1735-707/1145 *1792-762/ 1216* L: 2266-1316/1803 *2234-1256/1761* C: 1640-796/ 1138 *1536-754/ 1093*	--	U: 660-320/469 *620-318/461* L: 936-592/760 *1059-616/833* C: 713-466/ 590 *696-465/ 583*	--	--	U: 746-366/ 546 *682-360/510* L: 1110-703/895 *1202-762/966* C: 785-523/659 *783-519/655*	U: 1658-415/ 934 *1732-451; 988* L: 2115-615/ *2021-600/ 1233* C: 2195-640/ 1342 *2162-620/1310*
Fungi (1)	350-250	U: 946-470/687 *1035-528/ 752* L: 746-323/502 *606-272/ 423* C: 740-301/479 *689-327/483*	U: 648-278/437 *634-295/440* L: 293-122/195 *266-109/174* C: 434-205/314 *480-221/325*	--	--	U: 763-407/567 *809-434/ 615* L: 497-199/316 *446-179/ 298* C: 570-254/ 376 *496-265/ 369*	--	U: 924-257/554 *1034-272/614* L: 637-149/345 *509-130/284* C: 1332-377/ 805 *1242-344/ 740*
Fungi (2)	350-250	U: 1059-494/737 *1104-543/ 807* L: 1107-531/782 *911-495/695* C: 954-413/638 *960-486/673*	U: 696-289/460 *696-323/471* L: 400-188/285 *372-181/265* C: 552-277/ 398 *552-305/424*	--	--	U: 851-405/601 *895-470/660* L: 690-326/483 *658-305/ 468* C: 674-348/ 506 *652-382/ 513*	--	U: 1006-272/584 *1070-301/644* L: 966-244/538 *825-231/485* C: *1282-359/ 764* *1360-388/822*
Fungi (3)	350-250	U:1150-606/855 *1104-543/ 807* L: 1159-614/870 *947-548/735* C: 934-460/652 *931-456/643*	U: 790-364/550 *822-415/593* L: 430-236/322 *372-181/265* C: 561-315/ 418 *532-318/411*	--	--	U: 1208-663/908 *1027-637/ 818* L: 732-382/543 *658-305/ 468* C: 725-433/ 535 *609-400/ 493*	--	U: 1143-329/695 *1291-354; 810* L: 1052-282/606 *830-250/510* C: 1291-373/ 783 *1302-380; 795*
Fungi (4)	490-400	U: 1482-775/1092 *1638-821/ 1172* L: 1479-811/1133 *1504-667/ 1074* C: 1338-626/ 910 *1280-620/ 904*	U: 1020-472/700 *966-482/698* L: 594-307/443 *548-316/425* C: 740-353/549 *730-448/578*	--	--	U: 936-536/712 *1265-731/ 968* L: 898-429/627 *838-423; 612* C: 875-520/ 697 *830-495/ 651*	--	U: 1450-414/ 884 *1554-443/963* L: 1402-379/813 *1288-362/762* C: 1816-512/ 1091 *1776-487/ 1056*
Fungi (5)	680-410	U: 1562-854/1169 *1577-942/ 1225* L: 1481-817; 1105 *1212-742/ 958* C: 1154-591/815 *1140-587/ 803*	U: 1064-505/747 *1015-529/733* L: 531-299/403 *481-253/352* C: 691-398 / 524 *730-448/578*	--	--	U: 1262-747/ 977 *1274-774/ 1019* L: 922-513/690 *856-436/ 631* C: 824-524/ 656 *748-499/ 612*	--	U: 1531-452/ 942 *1560-484/997* L: 1249-357/752 *1047-316/650* C: 1598-474/983 *1592-476/ 987*

Clock Models: U--UGAM; L--LN; C--CIR clock models

Red: estimated age range does NOT intersect calibration age range for node

Black: estimated age range intersects calibration age range, mean age does not

Blue: estimated node age range and mean age intersect calibration age range