

# DateLife Workflows

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## Taxon Pan

There are 2 species in the Open Tree of Life Taxonomy for the taxon Pan. Information on time of divergence is available for all of these species across 8 published and peer-reviewed chronograms from the following studies:

1. Bininda-Emonds, Olaf R. P., Marcel Cardillo, Kate E. Jones, Ross D. E. MacPhee, Robin M. D. Beck, Richard Grenyer, Samantha A. Price, Rutger A. Vos, John L. Gittleman, Andy Purvis. 2007. The delayed rise of present-day mammals. *Nature* 446 (7135): 507-512
2. Hedges, S. Blair, Julie Marin, Michael Suleski, Madeline Paymer, Sudhir Kumar. 2015. Tree of life reveals clock-like speciation and diversification. *Molecular Biology and Evolution* 32 (4): 835-845
3. Springer, Mark S., Robert W. Meredith, John Gatesy, Christopher A. Emerling, Jong Park, Daniel L. Rabosky, Tanja Stadler, Cynthia Steiner, Oliver A. Ryder, Jan E. Janečka, Colleen A. Fisher, William J. Murphy. 2012. Macroevolutionary dynamics and historical biogeography of primate diversification inferred from a species supermatrix. *PLoS ONE* 7 (11): e49521.

Species are distributed across chronograms as follows: Pan paniscus Pan troglodytes 1 TRUE TRUE 2 TRUE TRUE 3 TRUE TRUE 4 TRUE TRUE 5 TRUE TRUE 6 TRUE TRUE 7 TRUE TRUE 8 TRUE TRUE