

# Datelife Reports

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## Datelife result: Birds

Table 1: Jetz et al. 2012 source chronogram original studies information.

	<i>Citation</i>	<i>Source N</i>	<i>Taxon N</i>
1.	Aggerbeck, Marie, Jon Fjeldså, Les Christidis, Pierre-Henri Fabre, Knud Andreas Jønsson. 2014. Resolving deep lineage divergences in core corvoid passerine birds supports a proto-Papuan island origin. <i>Molecular Phylogenetics and Evolution</i> 70: 272-285.	1	2/6669
2.	Andersen, Michael J., Jenna M. McCullough, William M. Mauck, Brian Tilston Smith, Robert G. Moyle. 2017. A phylogeny of kingfishers reveals an Indomalayan origin and elevated rates of diversification on oceanic islands. <i>Journal of Biogeography</i>	1	59/6669
3.	Arbabi, Tayebbeh, Javier Gonzalez, Michael Wink. 2014. A re-evaluation of phylogenetic relationships within reed warblers (Aves: Acrocephalidae) based on eight molecular loci and ISSR profiles. <i>Molecular Phylogenetics and Evolution</i> 78: 304-313.	1	35/6669
4.	Barker, F. K., K. J. Burns, J. Klicka, S. M. Lanyon, I. J. Lovette. 2013. Going to extremes: contrasting rates of diversification in a recent radiation of New World passerine birds. <i>Systematic Biology</i> 62 (2): 298-320.	1	174/6669
5.	Barker, F. Keith, Kevin J. Burns, John Klicka, Scott M. Lanyon, Irby J. Lovette. 2015. New insights into New World biogeography: An integrated view from the phylogeny of blackbirds, cardinals, sparrows, tanagers, warblers, and allies. <i>The Auk</i> 132 (2): 333-348.	2	665/6669
6.	Brian Tilston Smith, Robert W. Bryson, William M. Mauck, Jaime Chaves, Mark B. Robbins, Alexandre Aleixo, John Klicka, 2018, 'Species delimitation and biogeography of the gnatcatchers and gnatwrens (Aves: Polioptilidae)', <i>Molecular Phylogenetics and Evolution</i> , vol. 126, pp. 45-57	1	9/6669
7.	Burns, Kevin J., Allison J. Shultz, Pascal O. Title, Nicholas A. Mason, F. Keith Barker, John Klicka, Scott M. Lanyon, Irby J. Lovette. 2014. Phylogenetics and diversification of tanagers (Passeriformes: Thraupidae), the largest radiation of Neotropical songbirds. <i>Molecular Phylogenetics and Evolution</i> 75: 41-77.	1	289/6669
8.	Cibois, Alice, Jean-Claude Thibault, Céline Bonillo, Christopher E. Filardi, Dick Watling, Eric Pasquet. 2014. Phylogeny and biogeography of the fruit doves (Aves: Columbidae). <i>Molecular Phylogenetics and Evolution</i> 70: 442-453.	1	20/6669
9.	Claramunt, Santiago, Joel Cracraft. 2015. A new time tree reveals Earth historys imprint on the evolution of modern birds. <i>Science Advances</i> 1 (11): e1501005-e1501005	2	222/6669
10.	Corl, Ammon, Hans Ellegren. 2013. Sampling strategies for species trees: The effects on phylogenetic inference of the number of genes, number of individuals, and whether loci are mitochondrial, sex-linked, or autosomal. <i>Molecular Phylogenetics and Evolution</i> 67 (2): 358-366	1	5/6669

11.	Dantas, Sidnei M., Jason D. Weckstein, John M. Bates, Niels K. Krabbe, Carlos Daniel Cadena, Mark B. Robbins, Eugenio Valderrama, Alexandre Aleixo. 2016. Molecular systematics of the new world screech-owls (Megascops: Aves, Strigidae): biogeographic and taxonomic implications. <i>Molecular Phylogenetics and Evolution</i> 94: 626-634	1	13/6669
12.	Derryberry, E.P., Claramunt S., Derryberry G.E., Chesser R.T., Cracraft J., Aleixo A., Perez-eman J., Remsen J., and Brumfield R. 2011. Lineage diversification and morphological evolution in a large-scale continental radiation: the Neotropical ovenbirds and woodcreepers (Aves: Furnariidae). <i>Evolution</i> 65 (10): 2973-2986.	1	203/6669
13.	Dufort, Matthew J. 2015. An augmented supermatrix phylogeny of the avian family Picidae reveals uncertainty deep in the family tree. <i>Molecular Phylogenetics and Evolution</i>	1	116/6669
14.	Ericson, Per GP, Seraina Klopstein, Martin Irestedt, Jacqueline MT Nguyen and Johan AA Nylander. 2014. Dating the diversification of the major lineages of Passeriformes (Aves). <i>BMC Evolutionary Biology</i> , 14(8).	1	19/6669
15.	Fuchs, Jérôme, Jan I. Ohlson, Per G. P. Ericson, Eric Pasquet. 2007. Synchronous intercontinental splits between assemblages of woodpeckers suggested by molecular data. <i>Zoologica Scripta</i> 36 (1): 11-25	1	46/6669
16.	Fuchs, Jérôme, Steven Chen, Jeff A. Johnson, David P. Mindell. 2011. Pliocene diversification within the South American forest falcons (Falconidae: Micrastur). <i>Molecular Phylogenetics and Evolution</i> 60 (3): 398-407.	1	16/6669
17.	García-R, Juan C., Gillian C. Gibb, Steve A. Trewick. 2014. Eocene diversification of crown group rails (Aves: Gruiformes: Rallidae). <i>PLoS ONE</i> 9 (10): e109635	1	30/6669
18.	Gavryushkina, Alexandra, Tracy A. Heath, Daniel T. Ksepka, Tanja Stadler, David Welch, Alexei J. Drummond. 2016. Bayesian Total-Evidence Dating Reveals the Recent Crown Radiation of Penguins. <i>Systematic Biology</i> , p. syw060	1	18/6669
19.	Gibb, Gillian C., Martyn Kennedy, David Penny. 2013. Beyond phylogeny: pelecaniform and ciconiiform birds, and long-term niche stability. <i>Molecular Phylogenetics and Evolution</i> 68 (2): 229-238.	1	46/6669
20.	Gibb, Gillian C., Ryan England, Gerrit Hartig, P.A. (Trish) McLenachan, Briar L. Taylor Smith, Bennet J. McComish, Alan Cooper, David Penny. 2015. New Zealand passerines help clarify the diversification of major songbird lineages during the Oligocene. <i>Genome Biology and Evolution</i> 7 (11): 2983-2995.	1	95/6669
21.	Grealy, Alicia, Matthew Phillips, Gifford Miller, M. Thomas P. Gilbert, Jean-Marie Rouillard, David Lambert, Michael Bunce, James Haile. 2017. Eggshell palaeogenomics: Palaeognath evolutionary history revealed through ancient nuclear and mitochondrial DNA from Madagascan elephant bird ( <i>Aepyornis</i> sp.) eggshell. <i>Molecular Phylogenetics and Evolution</i> 109: 151-163	1	21/6669
22.	Hedges, S. Blair, Julie Marin, Michael Suleski, Madeline Paymer, Sudhir Kumar. 2015. Tree of life reveals clock-like speciation and diversification. <i>Molecular Biology and Evolution</i> 32 (4): 835-845	2	6395/6669
23.	Hooper, Daniel M., Trevor D. Price. 2017. Chromosomal inversion differences correlate with range overlap in passerine birds. <i>Nature Ecology &amp; Evolution</i> 1 (10): 1526-1534	1	367/6669
24.	Hugall, Andrew F., Devi Stuart-Fox. 2012. Accelerated speciation in colour-polymorphic birds. <i>Nature</i> 485 (7400): 631-634.	5	170/6669

25. Jarvis, E. D., S. Mirarab, A. J. Aberer, B. Li, P. Houde, C. Li, S. Y. W. Ho, B. C. Faircloth, B. Nabholz, J. T. Howard, A. Suh, C. C. Weber, R. R. da Fonseca, J. Li, F. Zhang, H. Li, L. Zhou, N. Narula, L. Liu, G. Ganapathy, B. Boussau, M. S. Bayzid, V. Zavidovych, S. Subramanian, T. Gabaldon, S. Capella-Gutierrez, J. Huerta-Cepas, B. Rekepalli, K. Munch, M. Schierup, B. Lindow, W. C. Warren, D. Ray, R. E. Green, M. W. Bruford, X. Zhan, A. Dixon, S. Li, N. Li, Y. Huang, E. P. Derryberry, M. F. Bertelsen, F. H. Sheldon, R. T. Brumfield, C. V. Mello, P. V. Lovell, M. Wirthlin, M. P. C. Schneider, F. Prosdocimi, J. A. Samaniego, A. M. V. Velazquez, A. Alfaro-Nunez, P. F. Campos, B. Petersen, T. Sicheritz-Ponten, A. Pas, T. Bailey, P. Scofield, M. Bunce, D. M. Lambert, Q. Zhou, P. Perelman, A. C. Driskell, B. Shapiro, Z. Xiong, Y. Zeng, S. Liu, Z. Li, B. Liu, K. Wu, J. Xiao, X. Yinqi, Q. Zheng, Y. Zhang, H. Yang, J. Wang, L. Smeds, F. E. Rheindt, M. Braun, J. Fjeldsa, L. Orlando, F. K. Barker, K. A. Jonsson, W. Johnson, K.-P. Koepfli, S. O'Brien, D. Haussler, O. A. Ryder, C. Rahbek, E. Willerslev, G. R. Graves, T. C. Glenn, J. McCormack, D. Burt, H. Ellegren, P. Alstrom, S. V. Edwards, A. Stamatakis, D. P. Mindell, J. Cracraft, E. L. Braun, T. Warnow, W. Jun, M. T. P. Gilbert, G. Zhang. 2014. Whole-genome analyses resolve early branches in the tree of life of modern birds. *Science* 346 (6215): 1320-1331. 1 47/6669
26. Jetz, W., G. H. Thomas, J. B. Joy, K. Hartmann, A. O. Mooers. 2012. The global diversity of birds in space and time. *Nature* 491 (7424): 444-448 2 6668/6669
27. Johnson, Jeff A., Joseph W. Brown, Jérôme Fuchs, David P. Mindell, 2016, 'Multi-locus phylogenetic inference among New World Vultures (Aves: Cathartidae)', *Molecular Phylogenetics and Evolution*, vol. 105, pp. 193-199 4 30/6669
28. Jønsson, Knud Andreas, Pierre-Henri Fabre, Jonathan D. Kennedy, Ben G. Holt, Michael K. Borregaard, Carsten Rahbek, Jon Fjeldså. 2016. A supermatrix phylogeny of corvid passerine birds (Aves: Corvidae). *Molecular Phylogenetics and Evolution* 94: 87-94. 1 469/6669
29. Lincoln Carneiro, Gustavo A. Bravo, Natalia Aristizábal, Andrés M. Cuervo, Alexandre Aleixo, 2018, 'Molecular systematics and biogeography of lowland antpittas (Aves, Grallariidae): The role of vicariance and dispersal in the diversification of a widespread Neotropical lineage', *Molecular Phylogenetics and Evolution*, vol. 120, pp. 375-389 1 8/6669
30. Lovette, Irby J., Jorge L. Pérez-Emán, John P. Sullivan, Richard C. Banks, Isabella Fiorentino, Sergio Córdoba-Córdoba, María Echeverry-Galvis, F. Keith Barker, Kevin J. Burns, John Klicka, Scott M. Lanyon, Eldredge Bermingham. 2010. A comprehensive multilocus phylogeny for the wood-warblers and a revised classification of the Parulidae (Aves). *Molecular Phylogenetics and Evolution* 57 (2): 753-770. 1 95/6669
31. Marki, Petter Z., Knud A. Jønsson, Martin Irestedt, Jacqueline M.T. Nguyen, Carsten Rahbek, Jon Fjeldså. 2017. Supermatrix phylogeny and biogeography of the Australasian Meliphagides radiation (Aves: Passeriformes). *Molecular Phylogenetics and Evolution* 107: 516-529 1 151/6669
32. McGuire, Jimmy A., Christopher C. Witt, J.V. Remsen, Ammon Corl, Daniel L. Rabosky, Douglas L. Altshuler, Robert Dudley. 2014. Molecular phylogenetics and the diversification of hummingbirds. *Current Biology* 24 (8): 910-916. 1 227/6669
33. Mitchell, K. J., B. Llamas, J. Soubrier, N. J. Rawlence, T. H. Worthy, J. Wood, M. S. Y. Lee, A. Cooper. 2014. Ancient DNA reveals elephant birds and kiwi are sister taxa and clarifies ratite bird evolution. *Science* 344 (6186): 898-900. 1 27/6669
34. Mitchell, Kieren J., Jamie R. Wood, Bastien Llamas, Patricia A. McLenachan, Olga Kardailsky, R. Paul Scofield, Trevor H. Worthy, Alan Cooper. 2016. Ancient mitochondrial genomes clarify the evolutionary history of New Zealand's enigmatic acanthisittid wrens. *Molecular Phylogenetics and Evolution* 102: 295-304 1 16/6669
35. Ogawa, Lisa M., Paulo C. Pulgarin, Donald A. Vance, Jon Fjeldså, Marcel van Tuinen. 2015. Opposing demographic histories reveal rapid evolution in grebes (Aves: Podicipedidae). *The Auk* 132 (4): 771-786 1 5/6669

36. Ottenburghs, Jente, Hendrik-Jan Megens, Robert H.S. Kraus, Ole Madsen, Pim van Hooft, Sipke E. van Wieren, Richard P.M.A. Crooijmans, Ronald C. Ydenberg, Martien A.M. Groenen, Herbert H.T. Prins. 2016. A Tree of Geese: A Phylogenomic Perspective on the Evolutionary History of True Geese. *Molecular Phylogenetics and Evolution* 101: 303-313. 1 15/6669
37. Peter A. Hosner, Edward L. Braun, Rebecca T. Kimball, 2015, 'Land connectivity changes and global cooling shaped the colonization history and diversification of New World quail (Aves: Galliformes: Odontophoridae)', *Journal of Biogeography*, vol. 42, no. 10, pp. 1883-1895 1 16/6669
38. Price, Trevor D., Daniel M. Hooper, Caitlyn D. Buchanan, Ulf S. Johansson, D. Thomas Tietze, Per Alström, Urban Olsson, Mousumi Ghosh-Harihar, Farah Ishtiaq, Sandeep K. Gupta, Jochen Martens, Bettina Harr, Pratap Singh, Dhananjai Mohan. 2014. Niche filling slows the diversification of Himalayan songbirds. *Nature* 509: 222-225. 2 326/6669
39. Prum, Richard O., Jacob S. Berv, Alex Dornburg, Daniel J. Field, Jeffrey P. Townsend, Emily Moriarty Lemmon, Alan R. Lemmon. 2015. A comprehensive phylogeny of birds (Aves) using targeted next-generation DNA sequencing. *Nature* 526, (7574): 569-573 2 181/6669
40. Ribas, C. C., A. Aleixo, A. C. R. Nogueira, C. Y. Miyaki, J. Cracraft, 2011. A palaeobiogeographic model for biotic diversification within Amazonia over the past three million years. *Proceedings of the Royal Society B: Biological Sciences* 279 (1729): 681-689. 1 3/6669
41. Sangeet Lamichhaney, Jonas Berglund, Markus Sällman Almén, Khurram Maqbool, Manfred Grabherr, Alvaro Martinez-Barrio, Marta Promerová, Carl-Johan Rubin, Chao Wang, Neda Zamani, B. Rosemary Grant, Peter R. Grant, Matthew T. Webster, Leif Andersson, 2015, 'Evolution of Darwin's finches and their beaks revealed by genome sequencing', *Nature*, vol. 518, no. 7539, pp. 371-375 1 14/6669
42. Schweizer, Manuel, Hadoram Shirihi. 2013. Phylogeny of the *Oenanthe lugens* complex (Aves, Muscicapidae: Saxicolinae): paraphyly of a morphologically cohesive group within a recent radiation of open-habitat chats. *Molecular Phylogenetics and Evolution* 69 (3): 450-461. 1 7/6669
43. Schweizer, Manuel, Timothy F. Wright, Joshua V. Peñalba, Erin E. Schirtzinger, Leo Joseph. 2015. Molecular phylogenetics suggests a New Guinean origin and frequent episodes of founder-event speciation in the nectarivorous lorises and lorikeets (Aves: Psittaciformes). *Molecular Phylogenetics and Evolution* 90: 34-48. 1 32/6669
44. Scofield, R. Paul, Kieren J. Mitchell, Jamie R. Wood, Vanesa L. De Pietri, Scott Jarvie, Bastien Llamas, Alan Cooper. 2016. The Origin and Phylogenetic Relationships of the New Zealand Ravens. *Molecular Phylogenetics and Evolution* 106: 136-143 1 69/6669
45. Selvatti, Alexandre Pedro, Ana Galvão, Anieli Guirro Pereira, Luiz Pedreira Gonzaga, Claudia Augusta de Moraes Russo. 2016. An African origin of the *Eurylaimides* (Passeriformes) and the successful diversification of the ground-foraging pittas (Pittidae). *Molecular Biology and Evolution*, p. msw250 1 46/6669
46. Shipham, Ashlee, Daniel J. Schmidt, Leo Joseph, Jane M. Hughes. 2015. Phylogenetic analysis of the Australian rosella parrots (*Platycercus*) reveals discordance among molecules and plumage. *Molecular Phylogenetics and Evolution* 91: 150-159. 4 8/6669
47. Slager, David L., C.J. Battey, Robert W. Bryson, Gary Voelker, John Klicka. 2014. A multilocus phylogeny of a major New World avian radiation: The Vireonidae. *Molecular Phylogenetics and Evolution* 80: 95-104 2 16/6669
48. Soares, André E. R. , Ben J. Novak, James Haile, Tim H. Heupink, Jon Fjeldså, M. Thomas P. Gilbert, Hendrik Poinar, George M. Church, Beth Shapiro. 2016. Complete mitochondrial genomes of living and extinct pigeons revise the timing of the columbiform radiation. *BMC Evolutionary Biology* 16: 230 1 16/6669
49. Stein, R. Will, Joseph W. Brown, Arne Ø. Mooers. 2015. A molecular genetic time scale demonstrates Cretaceous origins and multiple diversification rate shifts within the order Galliformes (Aves). *Molecular Phylogenetics and Evolution* 92: 155-164 1 194/6669

<b>50.</b>	Subramanian, S., G. Beans-Picon, S. K. Swaminathan, C. D. Millar, D. M. Lambert. 2013. Evidence for a recent origin of penguins. <i>Biology Letters</i> 9 (6): 20130748-20130748.	1	14/6669
<b>51.</b>	Sweet, Andrew D., Kevin P. Johnson. 2015. Patterns of diversification in small New World ground doves are consistent with major geologic events. <i>The Auk</i> 132 (1): 300-312.	1	23/6669
<b>52.</b>	Torres, Chris R, Lisa M Ogawa, Mark AF Gillingham, Brittney Ferrari, Marcel van Tuinen. 2014. A multi-locus inference of the evolutionary diversification of extant flamingos (Phoenicopteridae). <i>BMC Evolutionary Biology</i> 14 (1): 36.	1	6/6669
<b>53.</b>	Uva, Vera , Martin Päckert, Alice Cibois, Luca Fumagalli, Alexandre Roulin. 2018. Comprehensive molecular phylogeny of barn owls and relatives (Family: Tytonidae), and their six major Pleistocene radiations. <i>Molecular Phylogenetics and Evolution</i> 125: 127-137.	1	6/6669
<b>54.</b>	Wang, Ning, Rebecca T. Kimball, Edward L. Braun, Bin Liang, Zhengwang Zhang. 2016. Ancestral range reconstruction of Galliformes: the effects of topology and taxon sampling. <i>Journal of Biogeography</i>	1	87/6669
<b>55.</b>	Wood, Jamie R., Kieren J. Mitchell, R. Paul Scofield, Vanesa L. De Pietri, Nicolas J. Rawlence, Alan Cooper. 2016. Phylogenetic relationships and terrestrial adaptations of the extinct laughing owl, <i>Sceloglaux albifacies</i> (Aves: Strigidae). <i>Zoological Journal of the Linnean Society</i>	1	49/6669
<b>56.</b>	Yuchi Zheng, John J. Wiens, 2016, 'Combining phylogenomic and supermatrix approaches, and a time-calibrated phylogeny for squamate reptiles (lizards and snakes) based on 52 genes and 4162 species', <i>Molecular Phylogenetics and Evolution</i> , vol. 94, pp. 537-547	1	2/6669

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**Source N:** Number of source chronograms reported in study.

**Taxon N:** Number of queried taxa found in source chronograms.