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Q (K , 2016). F , (H , B , L , & H , 2015). R (H , 1981; T & N , 2000; V , 2001), (J , 2000; S , G , & R , 2008) (B , H , & N , 2004). I ,

, B (A , S , & N , 2008; B & B , 2008). A

B tL, L., & , N. (2017). R tL tL tL tL tL tL. Journal of Avian Biology, 48(9), 1254–1262.
B , & H , (1995). C tL tL : A tL . Journal of the Royal Statistical Society, 57(1), 289–300.
B , P., & , D. (2014). Praat: Doing phonetics by computer. tL://
tL /.
B , D. J. (1987). S tL tL - . Wilson Bulletin, 99(3), 377–397.
B , E., A , T., L , K., & R , F. (2008). H tL tL : T tL tL tL Alauda arvensis. Journal of Experimental Biology, 211(3), 317–326. tL://
/10.1242/ 013359.
B , E. F., R , F., & A , T. (2013). D tL tL tL tL tL tL? Animal Behaviour, 86, 1131–1137. tL://
/10.1016/ .2013.09.019.
B tL, J. M., & B , M. D. (2008). T tL tL : I tL . Comparative Cognition & Behavior Reviews, 3, 86–98. tL://
/10.3819/ .2008.30005.
C tL fi , C., & L , R. E. (1970). A tL. Journal of Theoretical Biology, 29(3), 427–445. tL://
/10.1016/0022-5193(70)90107-4.
C , S., L , A. B , N. M., H , R., & K tL , E. A. (2002). F tL tL fi : A tL tL tL . Proceedings of the National Academy of Sciences of the United States of America, 99(8), 5664–5668.
C , C. J., F , T. J., & E tL , I. (2011). C tL tL (Selasphorus scintilla) (S. ammula) . Wilson Journal of Ornithology, 123(2), 218–228. tL://
/10.1676/10-076.1.
G , N., & A , T. (2014). A : A . BMC Biology, 12(1), 58. tL://
/10.1186/s12915-014-0058-4.
H , J. P., F , M. S., & F , R. . (1985). T Parus atricapillus