a) Create a DateLife b) Search DateLife's chronogram database search query h1) Searched processed b2) Search resulted in 9 a1) Assemble a list of species tayon names across 253 source chronograms names. This is a list of 6 hird species. chronogram in DateLife's from 6 independent. database v0.6.2 published studies. • Pheucticus tihialis Barker et al. 2015 Barker et al. 2012 • Rhodothraupis celaeno • Emheriza citrinella Emberiza leucocenhalos • Emberiza eleaans Paleogene Neogene Paleogene | Neogene Platyspiza crassirostris a2) Process species names with TNRS and standardize to the OpenTree taxonomy One species Paleogene I Neogene I name (bold) is a synonym in the standardized taxonomy. Hedges et al. 2015 Pheucticus tihialis Rhodothraupis celaeno • Emheriza citrinella Emberiza leucocephalos ·Schoeniclus elegans Platyspiza crassirostris Paleogene | Neogene | Paleogene | Neogene | Paleogene Neogene

c) Summarize DateLife's search results

