

**Tree topology** 

 $(\mathsf{n1})$ 

Emberiza leucocephalos

-Emberiza citrinella

-Pheucticus tibialis

-Schoeniclus elegans

-Rhodothraupis celaeno

Platyspiza crassirostris

## Source chronograms

Map

## Taxon pair ages mapped to nodes of tree topology

	Node Name	taxon A	taxon B	Node Age	Study chronogram
1	n1	Emberiza citrinella	Platyspiza crassirostris	9.6509881	Jetz et al. 2012 - chronogram 1
2	n1	Pheucticus tibialis	Schoeniclus elegans	14.3336520	Barker et al. 2015 - chronogram 1
3	n1	Rhodothraupis celaeno	Schoeniclus elegans	16.2984859	Barker et al. 2015 - chronogram 2
4	n1	Emberiza citrinella	Platyspiza crassirostris	16.9499615	Hooper et al. 2017
5	n1	Rhodothraupis celaeno	Schoeniclus elegans	21.5140867	Jetz et al. 2012 – chronogram 2
6	n1	Emberiza leucocephalos	Platyspiza crassirostris	22.0000000	Hedges et al. 2015 – chronogram 2
7	n1	Emberiza citrinella	Platyspiza crassirostris	22.3757277	Hedges et al. 2015 - chronogram 1
8	n2	Platyspiza crassirostris	Rhodothraupis celaeno	7.9691925	Jetz et al. 2012 - chronogram 1
9	n2	Platyspiza crassirostris	Rhodothraupis celaeno	19.7085830	Jetz et al. 2012 - chronogram 2
10	n2	Platyspiza crassirostris	Rhodothraupis celaeno	19.7085900	Hedges et al. 2015 – chronogram 2
11	n2	Platyspiza crassirostris	Rhodothraupis celaeno	19.7128363	Hedges et al. 2015 - chronogram 1
12	n2	Pheucticus tibialis	Platyspiza crassirostris	44.2958603	Burns et al. 2014
13	n3	Pheucticus tibialis	Rhodothraupis celaeno	10.5304440	Barker et al. 2015 - chronogram 1
14	n3	Pheucticus tibialis	Rhodothraupis celaeno	10.5379092	Barker et al. 2013
15	n3	Pheucticus tibialis	Rhodothraupis celaeno	11.2095375	Barker et al. 2015 - chronogram 2
16	n3	Pheucticus tibialis	Rhodothraupis celaeno	18.1570685	Hedges et al. 2015 – chronogram 1
17	n4	Emberiza citrinella	Schoeniclus elegans	5.3238969	Jetz et al. 2012 – chronogram 1
18	n4	Emberiza leucocephalos	Schoeniclus elegans	9.8622460	Barker et al. 2015 - chronogram 1
19	n4	Emberiza leucocephalos	Schoeniclus elegans	10.3391445	Jetz et al. 2012 – chronogram 2
20	n4	Emberiza leucocephalos	Schoeniclus elegans	11.7317630	Barker et al. 2015 – chronogram 2
21	n4	Emberiza citrinella	Schoeniclus elegans	12.5133870	Hooper et al. 2017
22	n5	Emberiza citrinella	Emberiza leucocephalos	0.1407015	Jetz et al. 2012 - chronogram 1
23	n5	Emberiza citrinella	Emberiza leucocephalos	0.1516230	Hedges et al. 2015 – chronogram 2
24	n5	Emberiza citrinella	Emberiza leucocephalos	0.2011990	Barker et al. 2015 - chronogram 1
25	n5	Emberiza citrinella	Emberiza leucocephalos	0.2409300	Barker et al. 2015 – chronogram 2
26	n5	Emberiza citrinella	Emberiza leucocephalos	0.2732460	Jetz et al. 2012 – chronogram 2
27	n5	Emberiza citrinella	Emberiza leucocephalos	0.5760260	Hedges et al. 2015 - chronogram 1
28	n5	Emberiza citrinella	Emberiza leucocephalos	2.2898230	Hooper et al. 2017

**Summarize**