

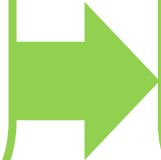
1a) A list of **taxon names** provided by the user.

a, B₁, C, D, Ee, F_x

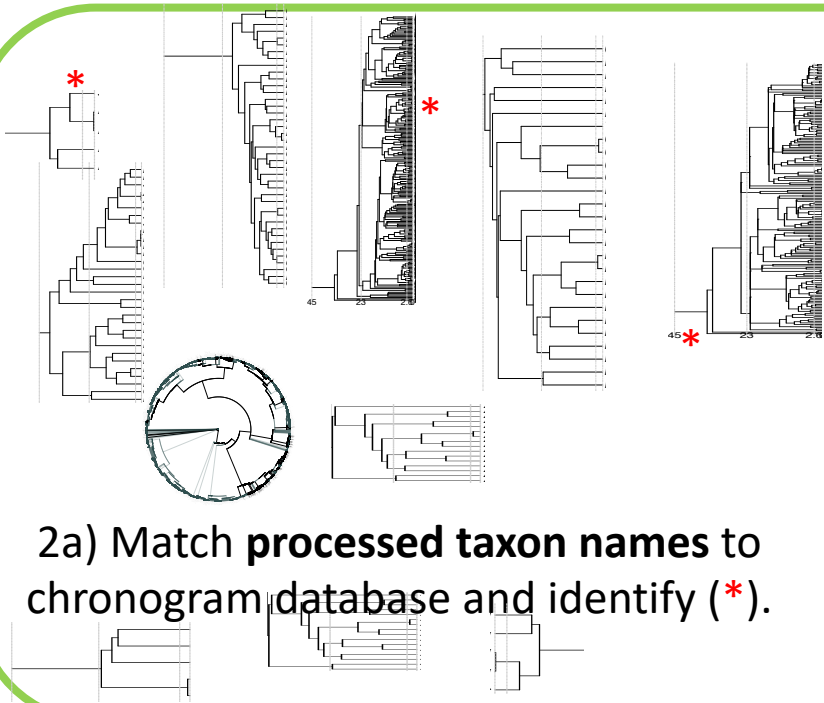


A B C D E F

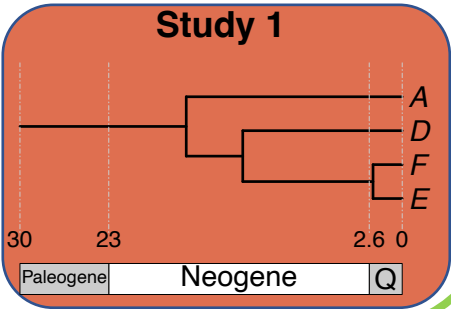
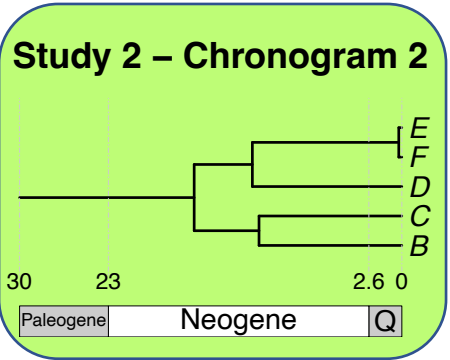
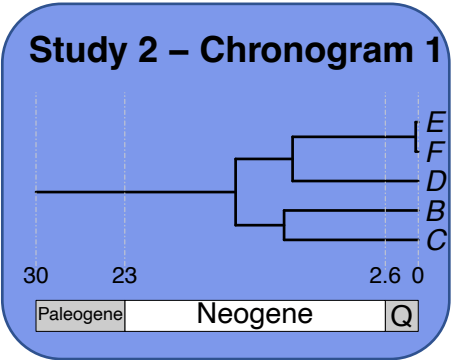
1b) Processing taxon names with **TNRS** and **standardizing** them to a taxonomy.



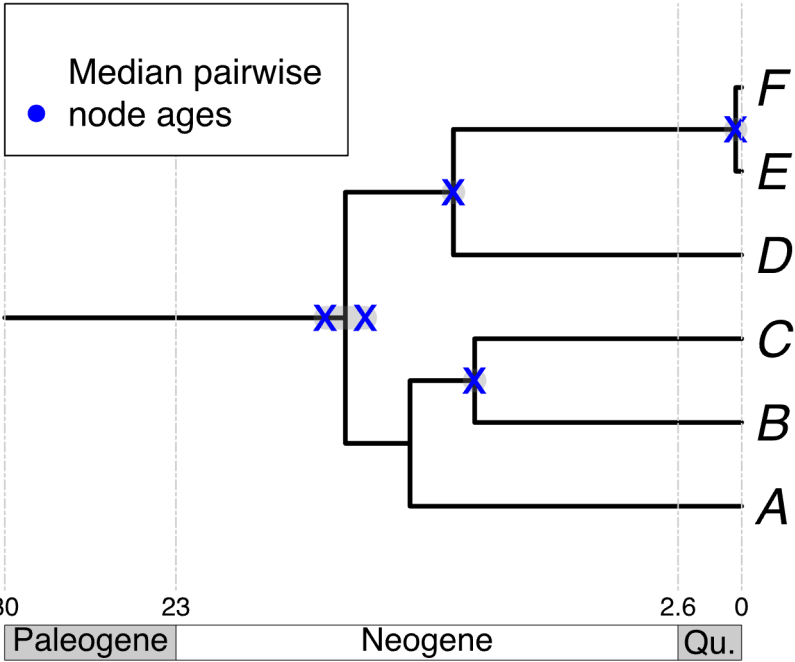
2a) Match **processed taxon names** to chronogram database and identify (*).



2b) Prune matching chronograms (**source chronograms**).



Median Summary Chronogram



3c) Use ages of congruent nodes to **date a tree topology**



	Node Name	taxonA	taxonB	Median Pairwise Age
1	n1	A	D	15.5959128
2	n1	A	E	13.8809227
3	n1	A	F	13.8809227
4	n1	B	D	15.8025730
5	n1	B	E	16.6600685
6	n1	B	F	16.6600685
7	n1	C	D	15.8025727
8	n1	C	E	16.6600683
9	n1	C	F	16.6600683
10	n3	C	B	11.6465263
11	n4	E	D	11.2403361
12	n4	F	D	11.2403361
13	n5	E	F	0.8081026

3b) **Congruify** source chronogram nodes to nodes of tree topology



A tree from the literature

The largest source chronogram

3a) Choose **tree topology**

Your own tree

