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OGs_100078_T1_64_before
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   Monocots_AGJ_0006213
    Monocots_AHE_0022254
    Monocots_ACG_0025843
    Monocots AFA 0004047
   Monocots_ABP_0045395
   -Monocots_AGW_0028049
   Monocots_ABQ_0026094
   -Monocots_AIT_0017366
   Monocots_ACC_0006634
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   Monocots_ACX_0042598
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   Monocots ADO 0034943
   Monocots_AAH_0024431
                                                          -Eudicots_AKC_0005808
   Monocots_AGD_0016172
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   Monocots_AIS_0008859
                                                           -Eudicots AKH 0019040
  Monocots_AFT_0006292
                                                                Eudicots AKF 0007639
  Monocots AIR 0007649
                                                           -Eudicots_AKG_0012499
  LMonocots_AFD_0004739
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  Monocots_AGK_0002607
                                                          Eudicots_AHC_0025155
  -Monocots_ADV_0011008
                                                               -Eudicots_AAR_0014109
   -Monocots_AAO_0023190
                                                           Eudicots_ACY_0037137
   -Monocots AAN 0000621
                                                    Ceratophyllales_AIA_0006758
  Monocots_AKN_0015021
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   -Monocots_AKO_0013757
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     -Monocots_AEQ_0036155
                                                             rMonocots_AEO_0024907
 -Monocots_AAV_0008857
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    Monocots_AAI_0008964
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                                                             -Monocots_ACG_0025843
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   -Magnoliids AEH 0023109
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   Eudicots_AKC_0005808
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   -Eudicots AKA 0016570
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   -Eudicots_AAS_0022658
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   └─Eudicots AKF 0007639
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   -Eudicots_AKG_0012499
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    -basal angiosperms_AAL_0003545
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0. 644411
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