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OGs_100077_T1_74_before
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     Monocots_AGW_0008642
      Monocots_ABP_0024486
     Monocots_AFA_0033771
     Monocots_ABQ_0021591
     Monocots_AEX_0013002
     Monocots_ACX_0001929
                                               OGs_100077_T1_74_after
     Monocots_ACC_0003083
                                                      FEudicots_AKH_0027066
    Monocots_AGD_0031407
     Monocots_AAH_0031808
                                                       -Eudicots_AKK_0009567
    Monocots_ADO_0000159
                                                          -Eudicots_AKF_0013275
    Monocots_AIS_0022098
Monocots_AFT_0013045
                                                     Eudicots_ADL_0025458
                   0013045
                                                      -Eudicots_AKA_0020179
    Monocots_AIR_0002152
                                                          -Eudicots_AAS_0020202
    Monocots_AEY_0015823
                                                      Eudicots_AKB_0014393
    Monocots_AEB_0005494
                                                       Eudicots_AKC_0034648
    Monocots_AHF_0026743
                                                               Eudicots AKL 0023343
    Monocots_AFD_0000765
                                                                Eudicots_AKR_0017867
    Monocots_AGK_0005603
                                                           Eudicots_AKQ_0005909
    Monocots_ADV_0020519
                                                             -Eudicots_ADN_0043299
   Monocots_AAO_0007311
                                                            -Eudicots_AKI_0041440
                                                        Eudicots_AGG_0021144
   Monocots_AAN_0013227
   -Monocots_AEQ_0036268
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  Monocots_AFF_0003480
Monocots_ABF_0044058
                                                     -Eudicots_AHC_0022091
-Eudicots_AKJ_0009345
 -Monocots_ACP_0010808
                                                       Eudicots_AKP_0002647
                                                     Eudicots_AIO_0025773
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  Monocots_ACT_0014415
                                                    Eudicots_ABE_0019503
  Monocots ACU 0001966
                                                                       Monocots_AGJ_0005527
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                                                                         -Monocots_AHE_0030931
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  -Eudicots_AAR_0004617
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                         Eudicots_ACY_0010176
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     Ceratophyllales_AIA_0023827
  Chloranthales_ABV_0006594
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  Chloranthales_ABU_0026907
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  Magnoliids_ABX_0014133
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  Magnoliids_ABW_0007970
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 Magnoliids_ABS_0033816
                                                                 Monocots_AFD_0000765
_{oxdot}Magnoliids_{oxdot}AID_{oxdot}0013544
                                                               Monocots_AGK_0005603
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-Monocots_AAO_0007311
 Magnoliids_AEH_0016905
basal angiosperms_AKM_0010429
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 [Eudicots_AKH_0027066
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 -Eudicots_AKK_0009567
Eudicots_AKF_0013275
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Eudicots_AAS_0020202
                                                            -Monocots_ADJ_0017648
Eudicots_AKB_0014393
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 <sup>L</sup>Eudicots_AKC_0034648
                                                           Monocots_ACU_0001966
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   -Eudicots_AKR_0017867
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 Eudicots_ADN_0043299
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                                                                      _0008981
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Eudicots_AKG_0020228
                                                     Magnoliids_ABS_0033816
                                                       -Magnoliids_AID_0013544
-Eudicots_AHC_0022091
-Eudicots_AKJ_0009345
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 -Eudicots_AKP_0002647
                                                       Chloranthales_ABV_0006594
-Eudicots_AIO_0025773
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-Eudicots_ABE_0019503
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