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OGs_100088_T1_77_before
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                    Monocots_ABP_0018836
                    Monocots_ABQ_0007995
   Monocots_AEX_0019634
  Monocots_ACX_0005997
Monocots_ACC_0041766
Monocots_AIT_0019633
   Monocots_AFD_0027190
                         Monocots_AEO_0026388
                         Monocots_AHE_0036975
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    Monocots_AKN_0002221
 Monocots_AEB_0008549
  Monocots_AEY_0022942
Monocots_AHF_0023575
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  Monocots_AFT_0016285
                                                 basal angiosperms_AEV_0020011
  Monocots_AIR_0012601
                                                 basal angiosperms_ADD_0033625
  Monocots_AGD_0018442
                                                                     Monocots_AGJ_0027438
  Monocots_AAH_0028228
                                                                     Monocots_AFA_0026395
 Monocots_ADO_0011573
                                                                     Monocots_AGW_0014868
 Monocots_AFF_0031575
-Monocots_ABF_0025292
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Monocots_ACX_0005997
  Monocots_ACP_0026563
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   Monocots_AAV_0008020
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                                                   Monocots_AEB_0008549
 Monocots_ACU_0010908
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  -Monocots_AAB_0018550
                                                   Monocots_AHF_0023575
Monocots_ADV_000815
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basal angiosperms_ADD_0033625
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 Eudicots_AKK_0011785
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   Eudicots_AKF_0006094
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Monocots_ABF_0025292
 Eudicots_ADL_0005425
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 Eudicots_AKC_0004798
                                                    Monocots_ADJ_0003677
 Eudicots_AKB_0026793
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                                                    Monocots_AAV_0008020
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        -Eudicots_AKD_0002663
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 LEudicots_AKG_0001950
Eudicots_ABE_0009876
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 -Eudicots_AKP_0005712
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-Eudicots_AHC_0021256
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Eudicots_ACY_0029558
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                                                  Eudicots_AKI_0007507
  <sup>L</sup>Magnoliids_AAU_0020644
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                                                 -Eudicots_AKJ_0028481
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-Magnoliids_ABS_0004345
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Chloranthales_ABU_0023518
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Ceratophyllales_AIA_0009128
Monocots_AAE_0003488
Monocots_AKE_0015818
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                                                  Magnoliids_AEH_0029617
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Eudicots_AIN_0016868
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-Eudicots_AZA_0028954
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