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OGs_100052_T1_78_before
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     Monocots_AEO_0019768
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      Monocots_AGW_0015772
     Monocots_ABP_0027115
     Monocots_ACC_0042773
      Monocots_ACX_0032064
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     Monocots_ABQ_0030882
                                                OGs_100052_T1_78_after
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     Monocots_AAH_0029431
                                                         basal angiosperms_ADD_0016071
     Monocots_ADO_0012528
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     Monocots_AGD_0037634
                                                                     -Monocots_AHE_0026167
     Monocots_AIS_0010281
                                                                    Monocots_AGJ_0026154
     Monocots_AFT_0009410
                                                                     Monocots_AEO_0019768
     Monocots_AIR_0030102
                                                                     Monocots_AFA_0026519
     Monocots_AEB_0007586
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     Monocots_AEY_0022871
                                                                    Monocots_ABP_0027115
     Monocots_AHF_0015439
                                                                   -Monocots_ABQ_0030882
     -Monocots_AFD_0027123
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     -Monocots_AGK_0030320
                                                                   Monocots_ACX_0032064
    Monocots_ADV_0006991
                                                                    -Monocots_AIT_0004042
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  Monocots_AFF_0006202
  Monocots_ACU_0022866
  Monocots_ACT_0001880
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  -Monocots_AAB_0016476
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  -Eudicots_AKJ_0135569
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    -Eudicots_AKI_0023679
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      -Eudicots_AKQ_0020654
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  Eudicots_AKG_0017555
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  -Eudicots_AHC_0003556
                                                               Eudicots_AKF_0014504
   -Eudicots AKR 0000416
                                                         FEudicots_AKC_0022715
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 [Eudicots_AEG_0008882
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 Magnoliids_AID_0004469
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                         -Magnoliids_ABS_0009476
                                                          Eudicots AHC 0003556
                                                    П
Ceratophyllales_AIA_0023754
                                                         ———Eudicots_AKR_0000416
Magnoliids_ABX_0025147
Magnoliids_ABW_0013652
Magnoliids_AIB_0000180
—Magnoliids_AIC_0043569
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basal angiosperms_AKM_0007390
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