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OGs_100091_T1_59_before
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  Monocots_ACG_0018783
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 Monocots_AEO_0055355
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 -Monocots AFA 0021540
                                                    Monocots_AGJ_0021756
 Monocots AGW 0024309
                                                    Monocots ACG 0018783
  -Monocots_ABP_0007636
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 Monocots_AIT_0038020
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 Monocots_ACC_0012358
                                                    -Monocots_AFA_0021540
 Monocots_AEX_0007362
                                                    Monocots AGW 0024309
 Monocots_ACX_0028334
                                                    Monocots AIT 0038020
 Monocots AAH 0009016
                                                    Monocots_ACC_0012358
 Monocots AGD 0026403
                                                    Monocots_AEX_0007362
 Monocots ADO 0016247
                                                    Monocots_ACX_0028334
 Monocots_AEY_0012437
                                                    Monocots_AAH_0009016
 -Monocots_AEB_0021885
                                                    Monocots_AGD_0026403
 Monocots_AHF_0027351
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 Monocots_AFT_0018392
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 Monocots AIS 0002564
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 Monocots_AIR_0023877
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 -Monocots AGK 0043350
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-Monocots AFD 0024564
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Monocots_AIH_0073985
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 -Monocots_AEQ_0033477
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  Monocots_AKE_0021351
                                                    -Monocots ADV 0017955
  Monocots_AAE_0022021
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Ceratophyllales AIA 0022108
                                                     Monocots AAE 0022021
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  -Eudicots_AKG_0028546
                                                       -Eudicots_AKQ_0000112
  Eudicots AKC 0024283
                                                     LEudicots_AKG_0028546
  Eudicots AKB 0030215
                                                     Eudicots_AKC_0024283
  Eudicots_AKA_0030187
                                                     Eudicots_AKB_0030215
  -Eudicots_AHC_0003986
                                                     Eudicots AKA 0030187
                           Eudicots_AKK_0029477
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                            Eudicots_AKH_0005044
                             -Eudicots AKF 0017640
                             -Eudicots AKR 0006077
                             -Eudicots AKL 0026822
                           Eudicots AKD 0017956
 FEudicots AAR 0008628
 -Eudicots_ACY_0022110
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| Eudicots_AIN_0025888
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Eudicots_AEG_0012838
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  Magnoliids ABX 0000662
 Magnoliids ABW 0019734
                                                    ⊢Magnoliids ABS 0012307
 Magnoliids_AIB_0012124
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lueMagnoliids_ABS_0012307
                                                    Magnoliids_ABW_0019734
 [Magnoliids_AEH_0012695]
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 Magnoliids_AID_0002362
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 Chloranthales_ABU_0000732
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 Chloranthales_ABV_0003738
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Fudicots_AKK_0029477

Eudicots AKH 0005044

Eudicots_AKD_0017956

-Eudicots_AKF_0017640

__Eudicots_AKR_0006077 Eudicots_AKL_0026822