Monocots\_AEO\_0007529 Monocots\_ACG\_0023533 Monocots\_AGJ\_0000392 Monocots\_AHE\_0019531 Monocots\_AFA\_0012033 Monocots\_AGW\_0032692 Monocots ABP 0002647 [Monocots\_ACC\_0022950 OGs\_100154\_T1\_55\_after -Monocots\_AEX\_0020294 Monocots\_ACX\_0008765 Ceratophyllales AIA 0025068 Monocots\_ABQ\_0004099 -Monocots\_AEO\_0007529 Monocots\_AIT\_0043392 -Monocots\_ACG\_0023533 Monocots\_AAH\_0025954 -Monocots\_AGJ\_0000392 Monocots\_AGD\_0003013 -Monocots\_AHE\_0019531 Monocots\_ADO\_0027168 -Monocots\_AFA\_0012033 Monocots\_AFT\_0010714 \_Monocots\_AGW\_0032692 Monocots\_AIS\_0017454 LMonocots\_ABP\_0002647 Monocots\_AIR\_0032622 Monocots\_ACX\_0008765 rMonocots\_AEB\_0013184 └─Monocots\_ACC\_0022950 Monocots\_AEY\_0033192 -Monocots\_ABQ\_0004099 Monocots\_AHF\_0031802 Monocots\_AIT\_0043392 -Monocots AFD 0012141 \_Monocots\_AAH\_0025954 Monocots\_AGD\_0003013 Monocots\_ADV\_0022483 \_Monocots\_AAO\_0010353 LMonocots\_ADO\_0027168 -Monocots\_AAN\_0015865 -Monocots\_AFT\_0010714 Monocots\_ABF\_0021534 \_Monocots\_AIS\_0017454 Monocots\_AFF\_0006516 -Monocots\_AIR\_0032622 Monocots AEQ 0031083 -Monocots\_AEB\_0013184 Monocots AIH 0061775 Monocots\_AEY\_0033192 Monocots AKE 0022030 -Monocots\_AHF\_0031802 Monocots\_AAE\_0006950 -Monocots\_AFD\_0012141 rMagnoliids\_AIC\_0040320 -Monocots\_ADV\_0022483 LMagnoliids AAU 0006407 -Monocots AAO 0010353 Eudicots\_AKD\_0019513 -Monocots AAN 0015865 -Monocots AHJ 0019414 -Monocots\_ABF\_0021534 -Eudicots\_AHC\_0019350 -Monocots\_AFF\_0006516 -Eudicots AKP 0006512 -Monocots\_AEQ\_0031083 -Ceratophyllales\_AIA\_0025068 Monocots\_AKE\_0022030 Magnoliids\_ABX\_0013919 Monocots AAE 0006950 -Magnoliids\_ABW\_0010281 Magnoliids\_AIB\_0006256 Magnoliids\_AIB\_0006256 -Magnoliids ABX 0013919 Magnoliids ABS 0021910 Magnoliids\_ABS\_0021910 -Magnoliids\_AID\_0008184 -Magnoliids\_AID\_0008184 LMagnoliids\_AEH\_0003986 -Magnoliids\_AEH\_0003986 Chloranthales ABV 0007316 Chloranthales\_ABV\_0007316 Chloranthales\_ABU\_0002133 -Chloranthales ABU 0002133 -Eudicots\_AIO\_0018193 -Eudicots\_AIO\_0018193 -Eudicots\_AZA\_0018162 Eudicots\_AZA\_0018162 -Eudicots\_ABE\_0009856 -Eudicots\_ABE\_0009856 Fudicots\_AIN\_0001278 -Eudicots\_AIN\_0001278 Eudicots\_AEG\_0000990 -Eudicots\_AEG\_0000990 Eudicots\_AAR\_0003683 -Eudicots\_AAR\_0003683 -Eudicots\_ACY\_0018677 -Eudicots\_ACY\_0018677 -basal angiosperms\_AAL\_0008150 -basal angiosperms AAL 0008150 basal angiosperms\_AKM\_0007802 -basal angiosperms AKM 0007802 0.881752 0.173512

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