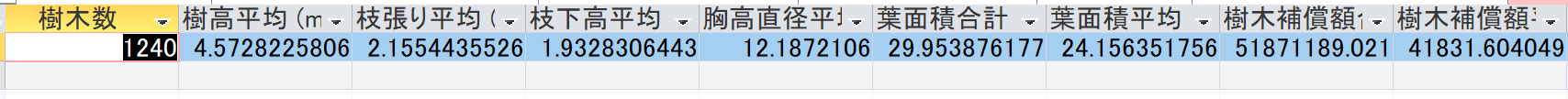
Code book for mdb

kang

3/3/2021

Names of all the Access \*.mdb files, tables, and columns.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 AirPollutant.mdb   
 # air pollutant concentration of different pollutants by hour  
 AirPollutant   
 "TimeStamp"  
 "Pollutant"  
 "State"  
 "County"  
 "SiteID"  
 "PPM"  
 "uGm3"  
   
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 BenMAP.mdb   
 # annual concentration change of pollutant by category of pollutants  
 annualMean   
 "Pollutant"  
 "Avg Of AvgConcChg"  
 "Avg Of AvgConcChgMin"  
 "Avg Of AvgConcChgMax"  
   
 # pollutant removal and value by category of pollutants  
 BenMAPResult   
 "Pollutant"  
 "PrimaryPartitionID"  
 "SecondaryPartitionID"  
 "TertiaryPartitionId"  
 "Removal Value ($/yr)"  
 "Minimum Removal Value ($/yr)"  
 "Maximum Removal Value ($/yr)"  
 "Removal Value ($/yr/m2)"  
 "Pollution Removal (tons/yr)"  
 "Minimum Pollution Removal (tons/yr)"  
 "Maximum Pollution Removal (tons/yr)"  
 "Annual Mean of Concentration Change (ppb or ?g/m3)"  
 "Annual Mean of Minimum Concentration Change (ppb or ?g/m3)"  
 "Annual Mean of Maximum Concentration Change (ppb or ?g/m3)"  
 "Leaf On Mean of Concentration Change (ppb or ?g/m3)"  
 "Leaf On Mean of Minimum Concentration Change (ppb or ?g/m3)"  
 "Leaf On Mean of Maximum Concentration Change (ppb or ?g/m3)"  
   
 # air pollutant removal effect by function in the model (which I suppose is based on different health effect of varieties of air pollutants)  
 IntermediateCalc   
 "FunctionID"  
 "Pollutant"  
 "AdverseHealthEffect"  
 "Metric"  
 "StartAge"  
 "EndAge"  
 "Population"  
 "ConcentrationChange"  
 "ConcentrationChangeMin"  
 "ConcentrationChangeMax"  
 "IncidenceMultiplier"  
 "ValueMultiplier"  
 "Incidence"  
 "IncidenceMin"  
 "IncidenceMax"  
 "Value"  
 "ValueMin"  
 "ValueMax"  
   
 # concentration change of pollutant by category of pollutants during leave-on season  
 leafOnMean   
 "Pollutant"  
 "Avg Of AvgConcChg"  
 "Avg Of AvgConcChgMin"  
 "Avg Of AvgConcChgMax"  
   
 # incidence of health effect based on category of different pollutants   
 Pooled   
 "Pollutant"  
 "PrimaryPartitionID"  
 "SecondaryPartitionID"  
 "TertiaryPartitionID"  
 "AdverseHealthEffect"  
 "Incidence"  
 "IncidenceMin"  
 "IncidenceMax"  
 "Value"  
 "ValueMin"  
 "ValueMax"  
   
 # ???  
 trcov   
 "TrCovArea"  
   
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 DryDeposition.mdb   
 01\_SiteMonthlySums   
 # monthly sums of different pollutants by site (what is “site” here???)  
 "Month"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "Pollutant"  
 "TerPart"  
 "CumFluxMin (g/m2)"  
 "CumFluxMax (g/m2)"  
 "CumFlux (g/m2)"  
 "CumValMin ($/m2)"  
 "CumValMax ($/m2)"  
 "CumVal ($/m2)"  
   
 02\_SiteYearlySums   
 # yearly sums of pollutant flux by pollutants and sites  
 "Year"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "Pollutant"  
 "TerPart"  
 "CumFluxMin (g/m2)"  
 "CumFluxMax (g/m2)"  
 "CumFlux (g/m2)"  
 "CumValMin ($/m2)"  
 "CumValMax ($/m2)"  
 "CumVal ($/m2)"  
   
 # monthly means of different pollutants flux and value by site  
 03\_SiteMonthlyMeans   
 "Month"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "Pollutant"  
 "TerPart"  
 "MeanVdDry (m/s)"  
 "MeanFlux (g/m2)"  
 "MeanValue ($/m2)"  
 "MeanPPM (ppm)"  
 "MeanUg (ug)"  
   
 # annual means of different pollutants flux and value by site  
 04\_SiteYearlyMeans   
 "Year"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "Pollutant"  
 "TerPart"  
 "MeanVdDry (m/s)"  
 "MeanFlux (g/m2)"  
 "MeanValue ($/m2)"  
 "MeanPPM (ppm)"  
 "MeanUg (ug)"  
   
 # monthly sums of flux and value by pollutants  
 05\_DomainMonthlySums   
 "Month"  
 "Pollutant"  
 "TerPart"  
 "CumFlux (g/m2)"  
 "CumFluxMax (g/m2)"  
 "CumFluxMin (g/m2)"  
 "CumVal ($/m2)"  
 "CumValMax ($/m2)"  
 "CumValMin ($/m2)"  
 "PerLAIRemoval (kg/LAI)"  
 "FluxDomain (m-tons)"  
 "FluxDomainMax (m-tons)"  
 "FluxDomainMin (m-tons)"  
 "ValDomain ($1000)"  
 "ValDomainMax ($1000)"  
 "ValDomainMin ($1000)"  
   
 # sums of flux and value by pollutants during leaf-on season  
 06\_DomainLeafOnSums   
 "Year"  
 "Pollutant"  
 "TerPart"  
 "GrowSeason"  
 "CumFlux (g/m2)"  
 "CumFluxMax (g/m2)"  
 "CumFluxMin (g/m2)"  
 "CumVal ($/m2)"  
 "CumValMax ($/m2)"  
 "CumValMin ($/m2)"  
 "FluxDomain (m-tons)"  
 "FluxDomainMax (m-tons)"  
 "FluxDomainMin (m-tons)"  
 "ValDomain ($1000)"  
 "ValDomainMax ($1000)"  
 "ValDomainMin ($1000)"  
   
 # annual sums of flux and value by pollutants  
 07\_DomainYearlySums   
 "Year"  
 "Pollutant"  
 "TerPart"  
 "CumFlux (g/m2)"  
 "CumFluxMax (g/m2)"  
 "CumFluxMin (g/m2)"  
 "CumVal ($/m2)"  
 "CumValMax ($/m2)"  
 "CumValMin ($/m2)"  
 "FluxDomain (m-tons)"  
 "FluxDomainMax (m-tons)"  
 "FluxDomainMin (m-tons)"  
 "ValDomain ($1000)"  
 "ValDomainMax ($1000)"  
 "ValDomainMin ($1000)"  
   
 # monthly means of flux and value by pollutants  
 08\_DomainMonthlyMeans   
 "Month"  
 "Pollutant"  
 "TerPart"  
 "MeanLAI"  
 "MeanVdDry (m/s)"  
 "MeanFlux (g/m2)"  
 "MeanValue ($/m2)"  
 "MeanPPM (ppm)"  
 "MeanUg (ug)"  
   
 # means of flux and value by pollutants during leaf-on season  
 09\_DomainLeafOnMeans   
 "Year"  
 "Pollutant"  
 "GrowSeason"  
 "TerPart"  
 "MeanVdDry (m/s)"  
 "MeanFlux (g/m2)"  
 "MeanValue ($/m2)"  
 "MeanPPM (ppm)"  
 "MeanUg (ug)"  
 "MeanPerAqImp (%)"  
 "MeanPerAqImpMin (%)"  
 "MeanPerAqImpMax (%)"  
 "MeanActAqImp (%)"  
 "MeanActAqImpMin (%)"  
 "MeanActAqImpMax (%)"  
   
 # annual means of each-hour flux and value by pollutants  
 10\_AirPollutantMetricsAnnualMean   
 "Year"  
 "Pollutant"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "D1HourMax"  
 "D3HourMean"  
 "D4HourMean"  
 "D8HourMax"  
 "D8HourMean"  
 "D24HourMean"  
 "D1HourMaxChg"  
 "D1HourMaxChgMin"  
 "D1HourMaxChgMax"  
 "D3HourMeanChg"  
 "D3HourMeanChgMin"  
 "D3HourMeanChgMax"  
 "D4HourMeanChg"  
 "D4HourMeanChgMin"  
 "D4HourMeanChgMax"  
 "D8HourMaxChg"  
 "D8HourMaxChgMin"  
 "D8HourMaxChgMax"  
 "D8HourMeanChg"  
 "D8HourMeanChgMin"  
 "D8HourMeanChgMax"  
 "D24HourMeanChg"  
 "D24HourMeanChgMin"  
 "D24HourMeanChgMax"  
   
 # annual means of flux and value by pollutants  
 10\_DomainYearlyMeans   
 "Year"  
 "Pollutant"  
 "TerPart"  
 "MeanVdDry (m/s)"  
 "MeanFlux (g/m2)"  
 "MeanValue ($/m2)"  
 "MeanPPM (ppm)"  
 "MeanUg (ug)"  
 "MeanPerAqImp (%)"  
 "MeanPerAqImpMin (%)"  
 "MeanPerAqImpMax (%)"  
 "MeanActAqImp (%)"  
 "MeanActAqImpMin (%)"  
 "MeanActAqImpMax (%)"  
   
 # quarter means of different pollutants  
 11\_AirPollutantMetricsQuarterlyMean   
 "Quarter"  
 "Pollutant"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "D24HourMean"  
 "D24HourMeanChg"  
 "D24HourMeanChgMin"  
 "D24HourMeanChgMax"  
   
 # monthly day time means of different pollutants  
 11\_DomainMonthlyDaytimeMeans   
 "Month"  
 "Pollutant"  
 "TerPart"  
 "MeanVdDry (m/s)"  
   
 # annual concentration change of by pollutants  
 12\_ConcentrationChangeAnnualMean   
 "Pollutant"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "AvgConcChg"  
 "AvgConcChgMin"  
 "AvgConcChgMax"  
   
 # annual of flux and value by pollutants  
 12\_DomainLeafOnDaytimeMeans   
 "Year"  
 "Pollutant"  
 "GrowSeason"  
 "TerPart"  
 "MeanVdDry (m/s)"  
 "MeanWdSpd (m/s)"  
   
 # concentration change during leaf-on season by pollutants and county   
 13\_ConcentrationChangeLeafOnMean   
 "Pollutant"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "AvgConcChg"  
 "AvgConcChgMin"  
 "AvgConcChgMax"  
   
 # annual pollutant mean dry flux by pollutants  
 13\_DomainYearlyDaytimeMeans   
 "Year"  
 "Pollutant"  
 "TerPart"  
 "MeanVdDry (m/s)"  
   
 # flux of different pollutants for every data and each hour  
 AirPollutantMetrics   
 "TimeStamp"  
 "Pollutant"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "D1HourMax"  
 "D3HourMean"  
 "D4HourMean"  
 "D8HourMax"  
 "D8HourMean"  
 "D24HourMean"  
 "D1HourMaxChg"  
 "D1HourMaxChgMin"  
 "D1HourMaxChgMax"  
 "D3HourMeanChg"  
 "D3HourMeanChgMin"  
 "D3HourMeanChgMax"  
 "D4HourMeanChg"  
 "D4HourMeanChgMin"  
 "D4HourMeanChgMax"  
 "D8HourMaxChg"  
 "D8HourMaxChgMin"  
 "D8HourMaxChgMax"  
 "D8HourMeanChg"  
 "D8HourMeanChgMin"  
 "D8HourMeanChgMax"  
 "D24HourMeanChg"  
 "D24HourMeanChgMin"  
 "D24HourMeanChgMax"  
   
 #-  
 DryDeposition   
 "TimeStamp"  
 "PriPart"  
 "SecPart"  
 "TerPart"  
 "Latitude"  
 "Longitude"  
 "GMTOffset"  
 "LeafOnDOY"  
 "LeafOffDOY"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "Pollutant"  
 "PPM"  
 "uGm3"  
 "DomainArea"  
 "EvGrnLAI"  
 "LAI"  
 "PctEvGrnCov"  
 "PctTrCov"  
 "TrCovArea"  
 "Ceiling"  
 "GrowSeason"  
 "OpCldCov"  
 "PARuEm2s"  
 "PARWm2"  
 "PrsMbar"  
 "RainMh"  
 "RelHum"  
 "SatVPrsKpa"  
 "SolZenAgl"  
 "Stability"  
 "TempF"  
 "TempK"  
 "ToCldCov"  
 "MixHt"  
 "VapPrsKpa"  
 "WdSpdMs"  
 "IsprLtCor"  
 "Period"  
 "Ra"  
 "Rb"  
 "Rc"  
 "RCuticle"  
 "RMesophyll"  
 "Rsoil"  
 "RStomatal"  
 "Trans"  
 "Ustar"  
 "VdAct"  
 "VdDry"  
 "VdMax"  
 "VdMin"  
 "VdWet"  
 "Flux"  
 "FluxMax"  
 "FluxMin"  
 "FluxWet"  
 "AccumFluxPM25"  
 "AccumFluxPM25Max"  
 "AccumFluxPM25Min"  
 "Value"  
 "ValueMax"  
 "ValueMin"  
 "PerAqImp"  
 "PerAqImpMin"  
 "PerAqImpMax"  
 "ActAqImp"  
 "ActAqImpMin"  
 "ActAqImpMax"  
 "ConcChg"  
 "ConcChgMin"  
 "ConcChgMax"  
  
 # timestep: hour  
 Resistances   
 "TimeStamp"  
 "Stability"  
 "Period"  
 "Ustar"  
 "Ra"  
 "RbCO"  
 "RbNO2"  
 "RbO3"  
 "RbSO2"  
   
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 IndividualTree.mdb   
  
 # value of each month  
 03\_InterceptMonthlySums   
 "Month"  
 "Rain (m/m)"  
 "Rain (m3/m)"  
 "Potential Evaporation (m/mo)"  
 "Potential Evaporation (m3/mo)"  
 "Evaporation (m/mo)"  
 "Evaporation (m3/mo)"  
 "Potential Evapotranspiration (m/mo)"  
 "Potential Evapotranspiration (m3/mo)"  
 "Transpiration (m/mo)"  
 "Transpiration (m3/mo)"  
 "Veg Intercept no Adjust (m/mo)"  
 "Veg Intercept no Adjust (m3/mo)"  
 "VegIntercept (m/mo)"  
 "VegIntercept (m3/mo)"  
 "Rain on Canopy (m3/mo)"  
 "Rain on No Canopy (m3/mo)"  
 "Under Canopy Thrufall (m/mo)"  
 "Under Canopy Thrufall (m3/mo)"  
 "Under Canopy Infiltration (m/mo)"  
 "Under Canopy Infiltration (m3/mo)"  
 "Under Canopy Runoff (m/mo)"  
 "Under Canopy Runoff (m3/mo)"  
 "No Canopy Infiltration (m/mo)"  
 "No Canopy Infiltration (m3/mo)"  
 "No Canopy Runoff (m/mo)"  
 "No Canopy Runoff (m3/mo)"  
 "Ground Intercept (m3/mo)"  
 "No Tree Cover Infiltration (m/mo)"  
 "No Tree Cover Infiltration (m3/mo)"  
 "No Tree Cover Runoff (m/mo)"  
 "No Tree Cover Runoff (m3/mo)"  
 "No Tree Cover Ground Intercept (m3/mo)"  
   
 05\_DomainMonthlySums   
 "Month"  
 "Pollutant"  
 "TerPart"  
 "CumFlux (g/m2)"  
 "CumFluxMax (g/m2)"  
 "CumFluxMin (g/m2)"  
 "CumVal ($/m2)"  
 "CumValMax ($/m2)"  
 "CumValMin ($/m2)"  
 "PerLAIRemoval (kg/LAI)"  
 "FluxDomain (m-tons)"  
 "FluxDomainMax (m-tons)"  
 "FluxDomainMin (m-tons)"  
 "ValDomain ($1000)"  
 "ValDomainMax ($1000)"  
 "ValDomainMin ($1000)"  
   
 BenMAPResult   
 "Pollutant"  
 "PrimaryPartitionID"  
 "SecondaryPartitionID"  
 "TertiaryPartitionId"  
 "Removal Value ($/yr)"  
 "Minimum Removal Value ($/yr)"  
 "Maximum Removal Value ($/yr)"  
 "Removal Value ($/yr/m2)"  
 "Pollution Removal (tons/yr)"  
 "Minimum Pollution Removal (tons/yr)"  
 "Maximum Pollution Removal (tons/yr)"  
 "Annual Mean of Concentration Change (ppb or ?g/m3)"  
 "Annual Mean of Minimum Concentration Change (ppb or ?g/m3)"  
 "Annual Mean of Maximum Concentration Change (ppb or ?g/m3)"  
 "Leaf On Mean of Concentration Change (ppb or ?g/m3)"  
 "Leaf On Mean of Minimum Concentration Change (ppb or ?g/m3)"  
 "Leaf On Mean of Maximum Concentration Change (ppb or ?g/m3)"  
   
 # services physical amount for each species  
 EcoServiceSummary   
  
 "SpJapanese"  
 "Ž÷–Ø”"  
 "’Y‘f’~Ï—Ê‡Œv (t)"  
 "’Y‘f’~Ï—Ê•½‹Ï (kg)"  
 "’Y‘fŒÅ’è—Ê‡Œv (t/”N)"  
 "’Y‘fŒÅ’è—Ê•½‹Ï (kg/”N)"  
 "‘å‹C‰˜õ•¨Ž¿œ‹Ž—Ê‡Œv (kg/”N)"  
 "‘å‹C‰˜õ•¨Ž¿œ‹Ž—Ê•½‹Ï (g/”N)"  
 "‰J…—¬o—ÊíŒ¸‡Œv (m3/”N)"  
 "‰J…—¬o—ÊíŒ¸•½‹Ï (m3/”N)"  
   
 # services physical amount for each species  
  
 EcoServiceValueSummary   
 "SpJapanese"  
 "Ž÷–Ø”"  
 "’Y‘f’~Ï—Ê‡Œv (‰~)"  
 "’Y‘f’~Ï—Ê•½‹Ï (‰~)"  
 "’Y‘fŒÅ’è—Ê‡Œv (‰~/”N)"  
 "’Y‘fŒÅ’è—Ê•½‹Ï (‰~/”N)"  
 "‘å‹C‰˜õ•¨Ž¿œ‹Ž—Ê‡Œv (‰~/”N)"  
 "‘å‹C‰˜õ•¨Ž¿œ‹Ž—Ê•½‹Ï (‰~/”N)"  
 "‰J…—¬o—ÊíŒ¸‡Œv (‰~/”N)"  
 "‰J…—¬o—ÊíŒ¸•½‹Ï (‰~/”N)"  
   
 IndividualTreeAvRoSumAdjusted   
 "TreeID"  
 "Avoided Runoff (m3)"  
   
 IndividualTreeAvRoSumNoAdj   
 "TreeID"  
 "Avoided Runoff (m3)"  
   
 IndividualTreeHlthEfSumAdjusted   
 "TreeID"  
 "NO2 Value ($)"  
 "O3 Value ($)"  
 "PM25 Value ($)"  
 "SO2 Value ($)"  
   
 IndividualTreeHlthEfSumNoAdj   
 "TreeID"  
 "NO2 Value ($)"  
 "O3 Value ($)"  
 "PM25 Value ($)"  
 "SO2 Value ($)"  
   
 IndividualTreePollRemSumAdjusted   
 "TreeID"  
 "CO Removal (g)"  
 "NO2 Removal (g)"  
 "O3 Removal (g)"  
 "PM25 Removal (g)"  
 "SO2 Removal (g)"  
   
 IndividualTreePollRemSumNoAdj   
 "TreeID"  
 "CO Removal (g)"  
 "NO2 Removal (g)"  
 "O3 Removal (g)"  
 "PM25 Removal (g)"  
 "SO2 Removal (g)"  
   
 Inventory   
 "TreeID"  
 "SpCode"  
 "DBH (CM)"  
 "HEIGHT (M)"  
 "GROUND AREA (M2)"  
 "TREE CONDITION"  
 "LEAF AREA (M2)"  
 "LEAF BIOMASS (KG)"  
 "LEAF AREA INDEX"  
 "CARBON STORAGE (KG)"  
 "GROSS CARBON SEQ (KG/YR)"  
 "TREE VALUE ($)"  
 "FUTURE DBH (CM)"  
 "FUTURE HEIGHT (M)"  
 "BIOMASS ADJUSTMENT"  
 "LEAF TYPE"  
 "FUTURE BIOMASS (KG)"  
   
 MonthlyAvRO   
 "Month"  
 "Dec Avoided Runoff (m3)"  
 "Evg Avoided Runoff (m3)"  
   
 MonthlyAvRoAllocation   
 "TreeID"  
 "Month"  
 "Avoided Runoff (m3)"  
   
 MonthlyHealthEffect   
 "Month"  
 "Dec NO2 Value ($)"  
 "Dec O3 Value ($)"  
 "Dec PM25 Value ($)"  
 "Dec SO2 Value ($)"  
 "Evg NO2 Value ($)"  
 "Evg O3 Value ($)"  
 "Evg PM25 Value ($)"  
 "Evg SO2 Value ($)"  
   
 MonthlyHlthEfAllocation   
 "TreeID"  
 "Month"  
 "NO2 Value ($)"  
 "O3 Value ($)"  
 "PM25 Value ($)"  
 "SO2 Value ($)"  
   
 MonthlyLeafArea   
 "Month"  
 "Dec Leaf Area (m2)"  
 "Evg Leaf Area (m2)"  
 "Leaf Area (m2)"  
   
 MonthlyPollRemAllocation   
 "TreeID"  
 "Month"  
 "CO Removal (kg)"  
 "NO2 Removal (kg)"  
 "O3 Removal (kg)"  
 "PM25 Removal (kg)"  
 "SO2 Removal (kg)"  
   
 MonthlyPollRemoval   
 "Month"  
 "Dec CO Removal (kg)"  
 "Dec NO2 Removal (kg)"  
 "Dec O3 Removal (kg)"  
 "Dec PM25 Removal (kg)"  
 "Dec SO2 Removal (kg)"  
 "Evg CO Removal (kg)"  
 "Evg NO2 Removal (kg)"  
 "Evg O3 Removal (kg)"  
 "Evg PM25 Removal (kg)"  
 "Evg SO2 Removal (kg)"  
   
 SpeciesSummary   
  
 "SpJapanese"  
 "Ž÷–Ø”"  
 "LEAF TYPE"  
 "Ž÷‚•½‹Ï (m)"  
 "Ž}’£‚è•½‹Ï (m)"  
 "Ž}‰º‚•½‹Ï (m)"  
 "‹¹‚’¼Œa•½‹Ï (cm)"  
 "—t–ÊÏ•½‹Ï (m2)"  
 "—t–ÊÏ‡Œv (1000m2)"  
 "’Y‘f’™—¯—Ê•½‹Ï (kg)"  
 "’Y‘f’™—¯—Ê‡Œv (t)"  
 "’Y‘fŒÅ’è—Ê•½‹Ï (kg/”N)"  
 "’Y‘fŒÅ’è—Ê‡Œv (t/”N)"  
 "Ž÷–Ø•âžŠz•½‹Ï (‰~)"  
 "Ž÷–Ø•âžŠz‡Œv (‰~)"  
 "‘å‹C‰˜õ•¨Ž¿œ‹Ž—Ê•½‹Ï (g/”N)"  
 "‘å‹C‰˜õ•¨Ž¿œ‹Ž—Ê‡Œv (kg/”N)"  
 "‰J…—¬o—ÊíŒ¸•½‹Ï (m3/”N)"  
 "‰J…—¬o—ÊíŒ¸‡Œv (m3/”N)"  
   
 TreeForImport   
 "TreeID"  
 "SpJapanese"  
 "CrownWidthEW"  
 "CrownWidthNS"  
 "BaseHt"  
   
 Trees   
 "TreeID"  
 "SpJapanese"  
 "CrownWidthEW"  
 "CrownWidthNS"  
 "BaseHt"  
 "SpCode"  
 "DBH (CM)"  
 "HEIGHT (M)"  
 "GROUND AREA (M2)"  
 "TREE CONDITION"  
 "LEAF AREA (M2)"  
 "LEAF BIOMASS (KG)"  
 "LEAF AREA INDEX"  
 "CARBON STORAGE (KG)"  
 "GROSS CARBON SEQ (KG/YR)"  
 "TREE VALUE ($)"  
 "FUTURE DBH (CM)"  
 "FUTURE HEIGHT (M)"  
 "BIOMASS ADJUSTMENT"  
 "LEAF TYPE"  
 "FUTURE BIOMASS (KG)"  
 "CO Removal (g)"  
 "NO2 Removal (g)"  
 "O3 Removal (g)"  
 "PM25 Removal (g)"  
 "SO2 Removal (g)"  
 "NO2 Value ($)"  
 "O3 Value ($)"  
 "PM25 Value ($)"  
 "SO2 Value ($)"  
 "Avoided Runoff (m3)"  
   
 TreeStructureSummary   
  
 "SpJapanese"  
 "Ž÷–Ø”"  
 "Ž÷‚•½‹Ï (m)"  
 "Ž}‰º‚•½‹Ï (m)"  
 "‹¹‚’¼Œa•½‹Ï (cm)"  
 "Ž}’£‚è•½‹Ï (m)"  
 "—t–ÊÏ‡Œv (1000m2)"  
 "—t–ÊÏ•½‹Ï (m2)"  
   
 TreeSummary   
  
 "Ž÷–Ø”"  
 "Ž÷‚•½‹Ï (m)"  
 "Ž}’£‚è•½‹Ï (m)"  
 "Ž}‰º‚•½‹Ï (m)"  
 "‹¹‚’¼Œa•½‹Ï (cm)"  
 "—t–ÊÏ‡Œv (1000m2)"  
 "—t–ÊÏ•½‹Ï (m2)"  
 "Ž÷–Ø•âžŠz‡Œv ($)"  
 "Ž÷–Ø•âžŠz•½‹Ï ($)"  
 "’Y‘f’~Ï—Ê•½‹Ï (kg)"  
 "’Y‘f’~Ï—Ê‡Œv (t)"  
 "’Y‘fŒÅ’è—Ê•½‹Ï (kg/”N)"  
 "’Y‘fŒÅ’è—Ê‡Œv (t/”N)"  
 "‘å‹C‰˜õ•¨Ž¿œ‹Ž—Ê•½‹Ï (g/”N)"  
 "‘å‹C‰˜õ•¨Ž¿œ‹Ž—Ê‡Œv (kg/”N)"  
 "‰J…—¬o—ÊíŒ¸•½‹Ï (m3/”N)"  
 "‰J…—¬o—ÊíŒ¸‡Œv (m3/”N)"  
   
 TreeValueSummary   
  
 "SpJapanese"  
 "Ž÷–Ø”"  
 "Ž÷–Ø•âžŠz‡Œv (‰~)"  
 "Ž÷–Ø•âžŠz•½‹Ï (‰~)"  
   
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 LAI.mdb   
 LAI   
 "TimeStamp"  
 "LAI"  
   
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 RainfallInterception.mdb   
 01\_InterceptYearlySums   
 "Rain (m/yr)"  
 "Rain (m3/yr)"  
 "Potential Evaporation (m/yr)"  
 "Potential Evaporation (m3/yr)"  
 "Evaporation (m/yr)"  
 "Evaporation (m3/yr)"  
 "Potential Evapotranspiration (m/yr)"  
 "Potential Evapotranspiration (m3/yr)"  
 "Transpiration (m/yr)"  
 "Transpiration (m3/yr)"  
 "Veg Intercept no Adjust (m/yr)"  
 "Veg Intercept no Adjust (m3/yr)"  
 "VegIntercept (m/yr)"  
 "VegIntercept (m3/yr)"  
 "Rain on Canopy (m3/yr)"  
 "Rain on No Canopy (m3/yr)"  
 "Under Canopy Thrufall (m/yr)"  
 "Under Canopy Thrufall (m3/yr)"  
 "Under Canopy Infiltration (m/yr)"  
 "Under Canopy Infiltration (m3/yr)"  
 "Under Canopy Runoff (m/yr)"  
 "Under Canopy Runoff (m3/yr)"  
 "No Canopy Infiltration (m/yr)"  
 "No Canopy Infiltration (m3/yr)"  
 "No Canopy Runoff (m/yr)"  
 "No Canopy Runoff (m3/yr)"  
 "Ground Intercept (m3/yr)"  
 "No Tree Cover Infiltration (m/yr)"  
 "No Tree Cover Infiltration (m3/yr)"  
 "No Tree Cover Runoff (m/yr)"  
 "No Tree Cover Runoff (m3/yr)"  
 "No Tree Cover Ground Intercept (m3/yr)"  
   
 02\_InterceptLeafOnSums   
 "Rain (m/lfon)"  
 "Rain (m3/lfon)"  
 "Potential Evaporation (m/lfon)"  
 "Potential Evaporation (m3/lfon)"  
 "Evaporation (m/lfon)"  
 "Evaporation (m3/lfon)"  
 "Potential Evapotranspiration (m/lfon)"  
 "Potential Evapotranspiration (m3/lfon)"  
 "Transpiration (m/lfon)"  
 "Transpiration (m3/lfon)"  
 "Veg Intercept no Adjust (m/lfon)"  
 "Veg Intercept no Adjust (m3/lfon)"  
 "VegIntercept (m/yr)"  
 "VegIntercept (m3/yr)"  
 "Rain on Canopy (m3/lfon)"  
 "Rain on No Canopy (m3/lfon)"  
 "Under Canopy Thrufall (m/lfon)"  
 "Under Canopy Thrufall (m3/lfon)"  
 "Under Canopy Infiltration (m/lfon)"  
 "Under Canopy Infiltration (m3/lfon)"  
 "Under Canopy Runoff (m/lfon)"  
 "Under Canopy Runoff (m3/lfon)"  
 "No Canopy Infiltration (m/lfon)"  
 "No Canopy Infiltration (m3/lfon)"  
 "No Canopy Runoff (m/lfon)"  
 "No Canopy Runoff (m3/lfon)"  
 "Ground Intercept (m3/lfon)"  
 "No Tree Cover Infiltration (m/lfon)"  
 "No Tree Cover Infiltration (m3/lfon)"  
 "No Tree Cover Runoff (m/lfon)"  
 "No Tree Cover Runoff (m3/lfon)"  
 "No Tree Cover Ground Intercept (m3/lfon)"  
   
 03\_InterceptMonthlySums   
 "Month"  
 "Rain (m/m)"  
 "Rain (m3/m)"  
 "Potential Evaporation (m/mo)"  
 "Potential Evaporation (m3/mo)"  
 "Evaporation (m/mo)"  
 "Evaporation (m3/mo)"  
 "Potential Evapotranspiration (m/mo)"  
 "Potential Evapotranspiration (m3/mo)"  
 "Transpiration (m/mo)"  
 "Transpiration (m3/mo)"  
 "Veg Intercept no Adjust (m/mo)"  
 "Veg Intercept no Adjust (m3/mo)"  
 "VegIntercept (m/mo)"  
 "VegIntercept (m3/mo)"  
 "Rain on Canopy (m3/mo)"  
 "Rain on No Canopy (m3/mo)"  
 "Under Canopy Thrufall (m/mo)"  
 "Under Canopy Thrufall (m3/mo)"  
 "Under Canopy Infiltration (m/mo)"  
 "Under Canopy Infiltration (m3/mo)"  
 "Under Canopy Runoff (m/mo)"  
 "Under Canopy Runoff (m3/mo)"  
 "No Canopy Infiltration (m/mo)"  
 "No Canopy Infiltration (m3/mo)"  
 "No Canopy Runoff (m/mo)"  
 "No Canopy Runoff (m3/mo)"  
 "Ground Intercept (m3/mo)"  
 "No Tree Cover Infiltration (m/mo)"  
 "No Tree Cover Infiltration (m3/mo)"  
 "No Tree Cover Runoff (m/mo)"  
 "No Tree Cover Runoff (m3/mo)"  
 "No Tree Cover Ground Intercept (m3/mo)"  
   
 04\_InterceptHourly   
 "TimeStamp"  
 "Rain (m/h)"  
 "Rain (m3/h)"  
 "Potential Evaporation (m/h)"  
 "Potential Evaporation (m3/h)"  
 "Evaporation (m/h)"  
 "Evaporation (m3/h)"  
 "Potential Evapotranspiration (m/h)"  
 "Potential Evapotranspiration (m3/h)"  
 "Transpiration (m/h)"  
 "Transpiration (m3/h)"  
 "Veg Intercept no Adjust (m/h)"  
 "Veg Intercept no Adjust (m3/h)"  
 "VegIntercept (m/h)"  
 "VegIntercept (m3/h)"  
 "Rain on Canopy (m3/h)"  
 "Rain on No Canopy (m3/h)"  
 "Under Canopy Thrufall (m/h)"  
 "Under Canopy Thrufall (m3/h)"  
 "Under Canopy Infiltration (m/h)"  
 "Under Canopy Infiltration (m3/h)"  
 "Under Canopy Runoff (m/h)"  
 "Under Canopy Runoff (m3/h)"  
 "No Canopy Infiltration (m/h)"  
 "No Canopy Infiltration (m3/h)"  
 "No Canopy Runoff (m/h)"  
 "No Canopy Runoff (m3/h)"  
 "Ground Intercept (m3/h)"  
 "No Tree Cover Infiltration (m/h)"  
 "No Tree Cover Infiltration (m3/h)"  
 "No Tree Cover Runoff (m/h)"  
 "No Tree Cover Runoff (m3/h)"  
 "No Tree Cover Ground Intercept (m3/h)"  
   
 RainIntercept   
 "TimeStamp"  
 "TreeCover (m2)"  
 "RainMh"  
 "PeTrMh"  
 "PtTrMh"  
 "VegStMh"  
 "VegEvMh"  
 "VegIntcptMh"  
 "UnderCanThrufallMh"  
 "UnderCanPervStMh"  
 "UnderCanPervEvMh"  
 "UnderCanPervInfilMh"  
 "UnderCanImpervStMh"  
 "UnderCanImpervEvMh"  
 "UnderCanImpervRunoffMh"  
 "NoCanPervStMh"  
 "NoCanPervEvMh"  
 "NoCanPervInfilMh"  
 "NoCanImpervStMh"  
 "NoCanImpervEvMh"  
 "NoCanImpervRunoffMh"  
 "MonitorState"  
 "MonitorCounty"  
 "MonitorSiteID"  
 "TransMh"  
 "GrowSeason"  
   
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 WaterInterceptTree.mdb   
 01\_InterceptYearlySums   
 "Rain (m/yr)"  
 "Rain (m3/yr)"  
 "Potential Evaporation (m/yr)"  
 "Potential Evaporation (m3/yr)"  
 "Evaporation (m/yr)"  
 "Evaporation (m3/yr)"  
 "Potential Evapotranspiration (m/yr)"  
 "Potential Evapotranspiration (m3/yr)"  
 "Transpiration (m/yr)"  
 "Transpiration (m3/yr)"  
 "Veg Intercept no Adjust (m/yr)"  
 "Veg Intercept no Adjust (m3/yr)"  
 "VegIntercept (m/yr)"  
 "VegIntercept (m3/yr)"  
 "Rain on Canopy (m3/yr)"  
 "Rain on No Canopy (m3/yr)"  
 "Under Canopy Thrufall (m/yr)"  
 "Under Canopy Thrufall (m3/yr)"  
 "Under Canopy Infiltration (m/yr)"  
 "Under Canopy Infiltration (m3/yr)"  
 "Under Canopy Runoff (m/yr)"  
 "Under Canopy Runoff (m3/yr)"  
 "No Canopy Infiltration (m/yr)"  
 "No Canopy Infiltration (m3/yr)"  
 "No Canopy Runoff (m/yr)"  
 "No Canopy Runoff (m3/yr)"  
 "Ground Intercept (m3/yr)"  
 "No Tree Cover Infiltration (m/yr)"  
 "No Tree Cover Infiltration (m3/yr)"  
 "No Tree Cover Runoff (m/yr)"  
 "No Tree Cover Runoff (m3/yr)"  
 "No Tree Cover Ground Intercept (m3/yr)"  
   
 02\_InterceptLeafOnSums   
 "Rain (m/lfon)"  
 "Rain (m3/lfon)"  
 "Potential Evaporation (m/lfon)"  
 "Potential Evaporation (m3/lfon)"  
 "Evaporation (m/lfon)"  
 "Evaporation (m3/lfon)"  
 "Potential Evapotranspiration (m/lfon)"  
 "Potential Evapotranspiration (m3/lfon)"  
 "Transpiration (m/lfon)"  
 "Transpiration (m3/lfon)"  
 "Veg Intercept no Adjust (m/lfon)"  
 "Veg Intercept no Adjust (m3/lfon)"  
 "VegIntercept (m/yr)"  
 "VegIntercept (m3/yr)"  
 "Rain on Canopy (m3/lfon)"  
 "Rain on No Canopy (m3/lfon)"  
 "Under Canopy Thrufall (m/lfon)"  
 "Under Canopy Thrufall (m3/lfon)"  
 "Under Canopy Infiltration (m/lfon)"  
 "Under Canopy Infiltration (m3/lfon)"  
 "Under Canopy Runoff (m/lfon)"  
 "Under Canopy Runoff (m3/lfon)"  
 "No Canopy Infiltration (m/lfon)"  
 "No Canopy Infiltration (m3/lfon)"  
 "No Canopy Runoff (m/lfon)"  
 "No Canopy Runoff (m3/lfon)"  
 "Ground Intercept (m3/lfon)"  
 "No Tree Cover Infiltration (m/lfon)"  
 "No Tree Cover Infiltration (m3/lfon)"  
 "No Tree Cover Runoff (m/lfon)"  
 "No Tree Cover Runoff (m3/lfon)"  
 "No Tree Cover Ground Intercept (m3/lfon)"  
   
 03\_InterceptMonthlySums   
 "Month"  
 "Rain (m/m)"  
 "Rain (m3/m)"  
 "Potential Evaporation (m/mo)"  
 "Potential Evaporation (m3/mo)"  
 "Evaporation (m/mo)"  
 "Evaporation (m3/mo)"  
 "Potential Evapotranspiration (m/mo)"  
 "Potential Evapotranspiration (m3/mo)"  
 "Transpiration (m/mo)"  
 "Transpiration (m3/mo)"  
 "Veg Intercept no Adjust (m/mo)"  
 "Veg Intercept no Adjust (m3/mo)"  
 "VegIntercept (m/mo)"  
 "VegIntercept (m3/mo)"  
 "Rain on Canopy (m3/mo)"  
 "Rain on No Canopy (m3/mo)"  
 "Under Canopy Thrufall (m/mo)"  
 "Under Canopy Thrufall (m3/mo)"  
 "Under Canopy Infiltration (m/mo)"  
 "Under Canopy Infiltration (m3/mo)"  
 "Under Canopy Runoff (m/mo)"  
 "Under Canopy Runoff (m3/mo)"  
 "No Canopy Infiltration (m/mo)"  
 "No Canopy Infiltration (m3/mo)"  
 "No Canopy Runoff (m/mo)"  
 "No Canopy Runoff (m3/mo)"  
 "Ground Intercept (m3/mo)"  
 "No Tree Cover Infiltration (m/mo)"  
 "No Tree Cover Infiltration (m3/mo)"  
 "No Tree Cover Runoff (m/mo)"  
 "No Tree Cover Runoff (m3/mo)"  
 "No Tree Cover Ground Intercept (m3/mo)"  
   
 04\_InterceptHourly   
 "TimeStamp"  
 "Rain (m/h)"  
 "Rain (m3/h)"  
 "Potential Evaporation (m/h)"  
 "Potential Evaporation (m3/h)"  
 "Evaporation (m/h)"  
 "Evaporation (m3/h)"  
 "Potential Evapotranspiration (m/h)"  
 "Potential Evapotranspiration (m3/h)"  
 "Transpiration (m/h)"  
 "Transpiration (m3/h)"  
 "Veg Intercept no Adjust (m/h)"  
 "Veg Intercept no Adjust (m3/h)"  
 "VegIntercept (m/h)"  
 "VegIntercept (m3/h)"  
 "Rain on Canopy (m3/h)"  
 "Rain on No Canopy (m3/h)"  
 "Under Canopy Thrufall (m/h)"  
 "Under Canopy Thrufall (m3/h)"  
 "Under Canopy Infiltration (m/h)"  
 "Under Canopy Infiltration (m3/h)"  
 "Under Canopy Runoff (m/h)"  
 "Under Canopy Runoff (m3/h)"  
 "No Canopy Infiltration (m/h)"  
 "No Canopy Infiltration (m3/h)"  
 "No Canopy Runoff (m/h)"  
 "No Canopy Runoff (m3/h)"  
 "Ground Intercept (m3/h)"  
 "No Tree Cover Infiltration (m/h)"  
 "No Tree Cover Infiltration (m3/h)"  
 "No Tree Cover Runoff (m/h)"  
 "No Tree Cover Runoff (m3/h)"  
 "No Tree Cover Ground Intercept (m3/h)"  
   
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 Weather.mdb   
 HourlyMixHt   
 "TimeStamp"  
 "FlowVec"  
 "WdSpdMs"  
 "TempK"  
 "Stability"  
 "RuralMixHt"  
 "UrbanMixHt"  
   
 SurfaceWeather   
 "TimeStamp"  
 "AirDens"  
 "AirMass"  
 "Ceiling"  
 "ToCldCov"  
 "OpCldCov"  
 "TrCldCov"  
 "PrsIn"  
 "PrsKPa"  
 "PrsMBar"  
 "PeTrMh"  
 "PeGrMh"  
 "PeSnTrMh"  
 "PeSnGrMh"  
 "PtTrMh"  
 "VegEvMh"  
 "VegStMh"  
 "VegIntcptMh"  
 "UnderCanThrufallMh"  
 "UnderCanPervEvMh"  
 "UnderCanPervStMh"  
 "UnderCanPervInfilMh"  
 "UnderCanImpervEvMh"  
 "UnderCanImpervStMh"  
 "UnderCanImpervRunoffMh"  
 "NoCanPervEvMh"  
 "NoCanPervStMh"  
 "NoCanPervInfilMh"  
 "NoCanImpervEvMh"  
 "NoCanImpervStMh"  
 "NoCanImpervRunoffMh"  
 "DirRadWm2"  
 "DifRadWm2"  
 "GlbRadWm2"  
 "PARWm2"  
 "PARuEm2s"  
 "NetRadWm2"  
 "RainInH"  
 "RainMh"  
 "RelHum"  
 "SatVPrsKPa"  
 "SnowIn"  
 "SnowM"  
 "SolZenAgl"  
 "TempC"  
 "TempF"  
 "TempK"  
 "DewTempC"  
 "DewTempF"  
 "VapPrsKPa"  
 "WdDir"  
 "WdSpdMh"  
 "WdSpdMs"  
 "WdSpdKnt"  
   
 TwiceDailyMixHt   
 "TimeStamp"  
 "MixHtAM"  
 "MixHtPM"  
   
 UpperAir   
 "TimeStamp"  
 "PressMBar"  
 "HeightM"  
 "TempK"