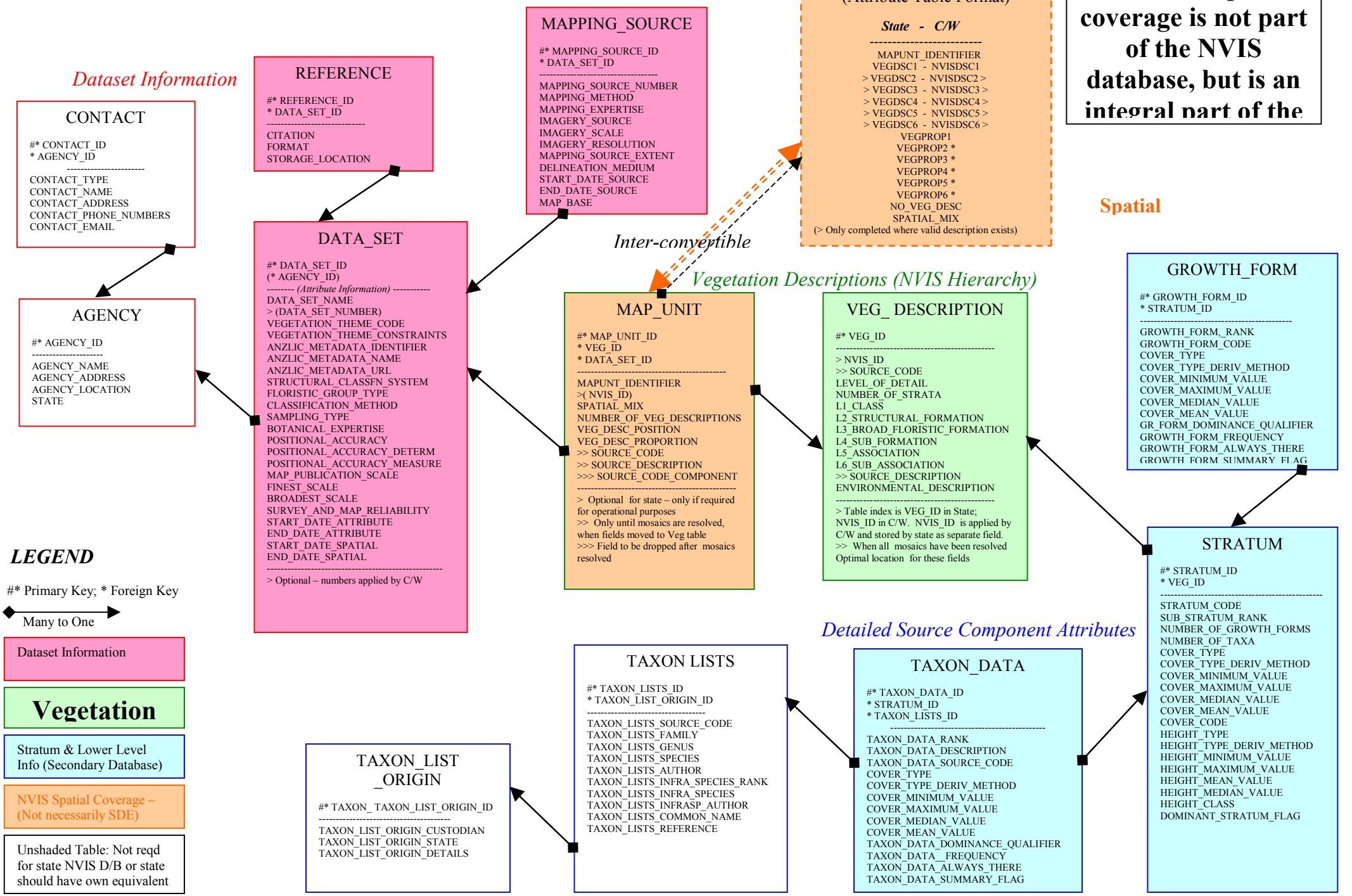


# APPENDIX B: NVIS DATABASE STRUCTURE

**Note: The spatial coverage is not part of the NVIS database, but is an integral part of the**



## Dataset Information

**CONTACT**

## CONTACT\_ID  
\* AGENCY\_ID

-----

CONTACT\_TYPE  
CONTACT\_NAME  
CONTACT\_ADDRESS  
CONTACT\_PHONE\_NUMBERS  
CONTACT\_EMAIL

**REFERENCE**

## REFERENCE\_ID  
\* DATA\_SET\_ID

-----

CITATION  
FORMAT  
STORAGE\_LOCATION

**MAPPING\_SOURCE**

## MAPPING\_SOURCE\_ID  
\* DATA\_SET\_ID

-----

MAPPING\_SOURCE\_NUMBER  
MAPPING\_METHOD  
MAPPING\_EXPERTISE  
IMAGERY\_SOURCE  
IMAGERY\_SCALE  
IMAGERY\_RESOLUTION  
MAPPING\_SOURCE\_EXTENT  
DELINEATION\_MEDIUM  
START\_DATE\_SOURCE  
END\_DATE\_SOURCE  
MAP\_BASE

**SPATIAL\_COVERAGE**  
(Attribute Table Format)

State - C/W

-----

MAPUNT\_IDENTIFIER  
VEGDSC1 - NVISDSC1  
> VEGDSC2 - NVISDSC2 >  
> VEGDSC3 - NVISDSC3 >  
> VEGDSC4 - NVISDSC4 >  
> VEGDSC5 - NVISDSC5 >  
> VEGDSC6 - NVISDSC6 >  
VEGPROP1  
VEGPROP2 \*  
VEGPROP3 \*  
VEGPROP4 \*  
VEGPROP5 \*  
VEGPROP6 \*  
NO\_VEG\_DESC  
SPATIAL\_MIX

(> Only completed where valid description exists)

## Spatial

**DATA\_SET**

## DATA\_SET\_ID  
(\* AGENCY\_ID)

----- (Attribute Information) -----

DATA\_SET\_NAME  
> (DATA\_SET\_NUMBER)  
VEGETATION\_THEME\_CODE  
VEGETATION\_THEME\_CONSTRAINTS  
ANZLIC\_METADATA\_IDENTIFIER  
ANZLIC\_METADATA\_NAME  
ANZLIC\_METADATA\_URL  
STRUCTURAL\_CLASSES\_SYSTEM  
FLORISTIC\_GROUP\_TYPE  
CLASSIFICATION\_METHOD  
SAMPLING\_TYPE  
BOTANICAL\_EXPERTISE  
POSITIONAL\_ACCURACY  
POSITIONAL\_ACCURACY\_DETERM  
POSITIONAL\_ACCURACY\_MEASURE  
MAP\_PUBLICATION\_SCALE  
FINEST\_SCALE  
BROADEST\_SCALE  
SURVEY\_AND\_MAP\_RELIABILITY  
START\_DATE\_ATTRIBUTE  
END\_DATE\_ATTRIBUTE  
START\_DATE\_SPATIAL  
END\_DATE\_SPATIAL

-----

> Optional - numbers applied by C/W

**AGENCY**

## AGENCY\_ID

-----

AGENCY\_NAME  
AGENCY\_ADDRESS  
AGENCY\_LOCATION  
STATE

**MAP\_UNIT**

## MAP\_UNIT\_ID  
\* VEG\_ID  
\* DATA\_SET\_ID

-----

MAPUNT\_IDENTIFIER  
>( NVIS\_ID)  
SPATIAL\_MIX  
NUMBER\_OF\_VEG\_DESCRIPTIONS  
VEG\_DESC\_POSITION  
VEG\_DESC\_PROPORTION  
>> SOURCE\_CODE  
>> SOURCE\_DESCRIPTION  
>>> SOURCE\_CODE\_COMPONENT

-----

> Optional for state - only if required for operational purposes  
>> Only until mosaics are resolved, when fields moved to Veg table  
>>> Field to be dropped after mosaics resolved

Inter-convertible

Vegetation Descriptions (NVIS Hierarchy)

**VEG\_DESCRIPTION**

## VEG\_ID

-----

> NVIS\_ID  
>> SOURCE\_CODE  
LEVEL\_OF\_DETAIL  
NUMBER\_OF\_STRATA  
L1\_CLASS  
L2\_STRUCTURAL\_FORMATION  
L3\_BROAD\_FLORISTIC\_FORMATION  
L4\_SUB\_FORMATION  
L5\_ASSOCIATION  
L6\_SUB\_ASSOCIATION  
>> SOURCE\_DESCRIPTION  
ENVIRONMENTAL\_DESCRIPTION

-----

> Table index is VEG\_ID in State;  
NVIS\_ID in C/W. NVIS\_ID is applied by C/W and stored by state as separate field.  
>> When all mosaics have been resolved  
Optimal location for these fields

**GROWTH\_FORM**

## GROWTH\_FORM\_ID  
\* STRATUM\_ID

-----

GROWTH\_FORM\_RANK  
GROWTH\_FORM\_CODE  
COVER\_TYPE  
COVER\_TYPE\_DERIV\_METHOD  
COVER\_MINIMUM\_VALUE  
COVER\_MAXIMUM\_VALUE  
COVER\_MEDIAN\_VALUE  
COVER\_MEAN\_VALUE  
GR\_FORM\_DOMINANCE\_QUALIFIER  
GROWTH\_FORM\_FREQUENCY  
GROWTH\_FORM\_ALWAYS\_THERE  
GROWTH FORM SUMMARY FLAG

**STRATUM**

## STRATUM\_ID  
\* VEG\_ID

-----

STRATUM\_CODE  
SUB\_STRATUM\_RANK  
NUMBER\_OF\_GROWTH\_FORMS  
NUMBER\_OF\_TAXA  
COVER\_TYPE  
COVER\_TYPE\_DERIV\_METHOD  
COVER\_MINIMUM\_VALUE  
COVER\_MAXIMUM\_VALUE  
COVER\_MEDIAN\_VALUE  
COVER\_MEAN\_VALUE  
COVER\_CODE  
HEIGHT\_TYPE  
HEIGHT\_TYPE\_DERIV\_METHOD  
HEIGHT\_MINIMUM\_VALUE  
HEIGHT\_MAXIMUM\_VALUE  
HEIGHT\_MEAN\_VALUE  
HEIGHT\_MEDIAN\_VALUE  
HEIGHT\_CLASS  
DOMINANT\_STRATUM\_FLAG

**TAXON\_LISTS**

## TAXON\_LISTS\_ID  
\* TAXON\_LIST\_ORIGIN\_ID

-----

TAXON\_LISTS\_SOURCE\_CODE  
TAXON\_LISTS\_FAMILY  
TAXON\_LISTS\_GENUS  
TAXON\_LISTS\_SPECIES  
TAXON\_LISTS\_AUTHOR  
TAXON\_LISTS\_INFRA\_SPECIES\_RANK  
TAXON\_LISTS\_INFRA\_SPECIES  
TAXON\_LISTS\_INFRA\_SPECIES\_AUTHOR  
TAXON\_LISTS\_COMMON\_NAME  
TAXON\_LISTS\_REFERENCE

**TAXON\_LIST\_ORIGIN**

## TAXON\_TAXON\_LIST\_ORIGIN\_ID

-----

TAXON\_LIST\_ORIGIN\_CUSTODIAN  
TAXON\_LIST\_ORIGIN\_STATE  
TAXON\_LIST\_ORIGIN\_DETAILS

Detailed Source Component Attributes

**TAXON\_DATA**

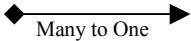
## TAXON\_DATA\_ID  
\* STRATUM\_ID  
\* TAXON\_LISTS\_ID

-----

TAXON\_DATA\_RANK  
TAXON\_DATA\_DESCRIPTION  
TAXON\_DATA\_SOURCE\_CODE  
COVER\_TYPE  
COVER\_TYPE\_DERIV\_METHOD  
COVER\_MINIMUM\_VALUE  
COVER\_MAXIMUM\_VALUE  
COVER\_MEDIAN\_VALUE  
COVER\_MEAN\_VALUE  
TAXON\_DATA\_DOMINANCE\_QUALIFIER  
TAXON\_DATA\_FREQUENCY  
TAXON\_DATA\_ALWAYS\_THERE  
TAXON\_DATA\_SUMMARY\_FLAG

## LEGEND

## Primary Key; \* Foreign Key



Dataset Information

Vegetation

Stratum & Lower Level Info (Secondary Database)

NVIS Spatial Coverage - (Not necessarily SDE)

Unshaded Table: Not reqd for state NVIS D/B or state should have own equivalent