THE DIFFERENT LEVELS OF AARDB   **Descriptions of parameters represented**

Colors of cells show linkages between the different levels of AARDB

LOCALITY LEVEL

Field	Description
UDAMS	The locality or collection identifier - blue cell identifies the link to the next level in AARDB, Collection ID; Atlantic coast UDAMS numbers range from 00001 to 11xxx, north to south by region. Other UDAMS numbers are usually field numbers of collectors.
LocalityID	Informal locality name
Map100k	USGS 1:100,000 map quadrangle; informal terms for sites outside the US (e.g., "Peru" or "Baja" or "Europe")
Lat	Latitude measured from maps, GPS, or Google Earth
Long	Longitude measured from maps, GPS, or Google Earth
Coordinate_precision_m	Estimated uncertainty of the lat/lon measurement - in some cases, quite large in spite of apparent precision of the lat/lon value
SurfaceElevation_m	Entered where known
Notes and/or Reference	Information related to the collection or other sources of information
Web link	Links to web sites that may have information related to the collection
GenNote	Information related to the collection or other sources of information
HDatum	Horizontal datum - NAD 27 is default value; if nothing indicated, datum in uncertain. "Google Earth" listed as a datum when used to locate sites
VDatum	

COLLECTION ID LEVEL

Field	Description
CollectionID	The unique collection from a site -it can be a single shell, a bag of shells, or several bags of shells
UDAMS	As above - the blue color identifies the link between these two levels of AARDB
SamplingType	Identifies the collection as coming from core, excavation, spoil pile, beach (surface), etc.
SamplingDate	Date of sampling, if known
Remark	
Current location	Indicates if the collection or samples have been relocated to another repository. Abbreviations as follows: LACM, Los Angeles County Museum; FLMNH, Florida Museum of Natural History; PRI, Paleontology Research Institute; ANSP, Academy of Nat. Sciences of Philadelphia; DGS, Delaware Geological Survey; NCGS, North Carolina Geological Survey; VMNH, Virginia Museum of Natural History. If blank, collection is currently at Univ. of Delaware.
Collector	The name of the individual(s) who made the collection

SAMPLE LEVEL

Field	Description
SampleID	The individual shell that came from the collection listed above and below (purple cell)
SampleType	Usually the genus of the sample
SampleNote	species level often noted here
CollectionID	As above; the purple color links this level of AARDB with the "Collection ID" above

SUBSAMPLE LEVEL

Field	Description
SubSampleID	A unique identifier of a fragment taken from a specific individual shell; multiple subsamples can, in some cases, be taken from a single shell
AltID	An alternate idenfication number if needed
ShortReference	Any publication reference that can be cited for this sample
SamplePosition	The position within the shell where the fragment was cut; numbers from 1 to 10 represent the relative position from hinge to growth edge
Precursor	
ProcedureID	See "subsample procedure" in AARDB
CreationDate	Date when data began to be entered
Notes	Any comments about the sample or the quality of the analysis or chromatogram(s)
SampleID	See "SampleID" in green cell above for link to the preceding level in AARDB

CHROMATOGRAM LEVEL

Field	Description
Date of Run	The date of the chromatographic analysis, if known (date of data entry if actual date not known)
AnalysisProcedureID	See "analysis procedure" table in AARDB
RefNumber	The chromatogram number, if known; arbitrary if noted; most chromatograms are in digital form for review
SubSampleID	As above - the unique identifier of a sample fragment
RunNote	Notes about the quality of the chromatogram
FIDScale	A number that ranges from ~1 to ~50 to indicate the full scale of the GC chromatogram -not recorded in most cases, but an indication of whether the GC peaks were small, medium, or large; medium is ideal.

DLRATIO LEVEL

Field	Description
Date of Run	These two link the subsample above to the data below
RefNumber	
DLRatio	The numerical D/L value read from a specific chromatogram
AminoAcid	One of the many amino acids detected by the different methods used
RatioType	Peak area or peak height ratios are usually calculated
AnalysisProcedureID	See "analysis procedure" table in AARDB
Flag	If a value is flagged, it is suspect for some reason and is not included in any compilation of the mean D/L values for mulitple analyses
PeakNote	Any note or comment about the quality of the chromatogram peak (large, small, asymmetric, etc.)

Sampled interval: for cores, values are always referenced to core top or to mean sea level; sometimes presented as negative numbers