SEM File Uploader Administrator User Guide

Scanning Electron Microscope Uploader:
Guide for Description Technicians
V371T | July 2017
V378P

This guide contains the standard operational procedures for the communication between Description Technician and Developers in order to import Expedition Specific Subcategories into the SEM Uploader.
If an expedition has sub value lists in DESClogik for the following parameters:

- Lithology (principal_lithology)
- Composition (composition)
- Texture (texture, sorting, porosity)
- Alteration (alteration)
- Structure (structure_group, structure)
- Fossil (fossil_group)

such as "princ_lith_354" or "macrofossil_356," these sub value lists equal the expedition specific subcategory in the SEM Uploader. Adding them to the table that creates the drop-down lists in the SEM Uploader will result in the same values in the "Value" drop-down (Figure 1) in that program as they appear in DESClogik in the description column.
If you have two value sublists for one DESCINFO component (e.g., one principal_lithology for minor lithology, one for major lithology), give both sub value list names to the developer. The SEM Uploader will have two choice lists for that one subcategory once it's set up.
This is how the expedition specific subcategories need to be entered by the developer in the x_sem_hirarchy table in SQL Developer:

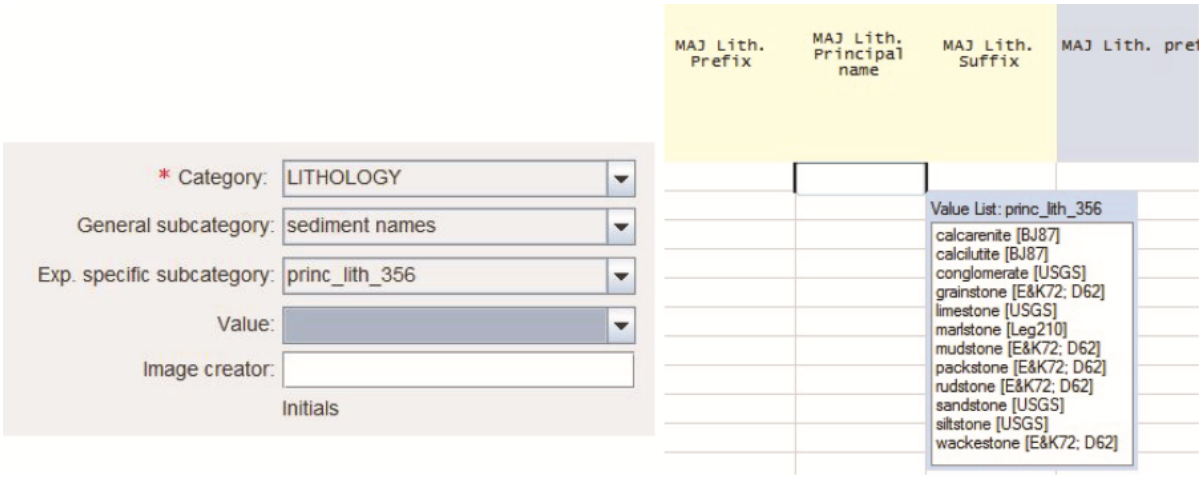

Figure 1. Example for Exp. Specific subcategory for principal_lithology for Expedition 356 in SEM Uploader (left) and in DESClogik (right).

The developer will need to enter the sub value list names (expedition-specific subcategories in the SEM Uploader) into the x_sem_hierarchy table in SQL developer.
The developers have a manual for the procedure (*SEM Uploader X_SEM_HIERARCHY Set Up Guide*) as well. They need to use SQL Developer; go to LIMS SHIP and use x_sem_hierarchy (Figure 2) to insert the expedition specific category.

HIER_KEY	DISPLAY_ORDER	PARENT	DISPLAY_TEXT	VALUELISTNAME	PARAMETERNAME
10	1	0	LITHOLOGY	(null)	(null)
20	2	0	COMPOSITION	(null)	(null)
30	3	0	TEXTURE	(null)	(null)
40	4	0	ALTERATION	(null)	(null)
50	5	0	STRUCTURE	(null)	(null)
60	6	0	FOSSIL	(null)	(null)
70	7	0	OTHER	(null)	(null)
90	2	10	sediment names	(null)	principal_lithology
100	3	10	metamorphic rock names	metamorphic rock names	principal_lithology
80	1	10	igneous rock names	igneous rock names	principal_lithology
120	1	20	composition	composition	composition
130	1	30	texture	texture	texture
140	2	30	sorting	sorting	sorting
150	3	30	porosity	porosity	porosity
160	1	40	alteration	alteration	alteration
175	2	50	structure group	structure_group	structure_group
170	1	50	structure	(null)	structure
180	1	60	fossils	(null)	fossil_group
200	2	60	benthic foraminifer	benthic_foraminifer	fossil
210	3	60	bolboforma	bolboforma	fossil
220	4	60	bryozoan	bryozoan	fossil
230	5	60	calcareous nannofossil	calcareous_nannofossil	fossil
240	6	60	coral	coral	fossil
250	7	60	diatom	diatom	fossil
260	8	60	dinoflagellate acritarch prasinophyte	dinoflagellate_acritarch_prasinophyte	fossil
270	9	60	ostracod	ostracod	fossil
280	10	60	planktonic foraminifer	planktonic_foraminifer	fossil
290	11	60	pollen spores	pollen_spore	fossil
300	12	60	radiolaria	radiolaria	fossil
310	13	60	silicoflagellate ebridian actiniscidian	silicoflagellate_ebridian_actiniscidian	fossil
330	1	90	princ_lith_356	princ_lith_356	principal_lithology
340	1	170	sed_struc_356	sed_struc_356	structure
350	2	170	345_microstructure	345_microstructure	structure
320	1	180	macrofossil_356	macrofossil_356	fossil_group

Figure 2. x_sem_hierarchy table of LIMS SHIP.