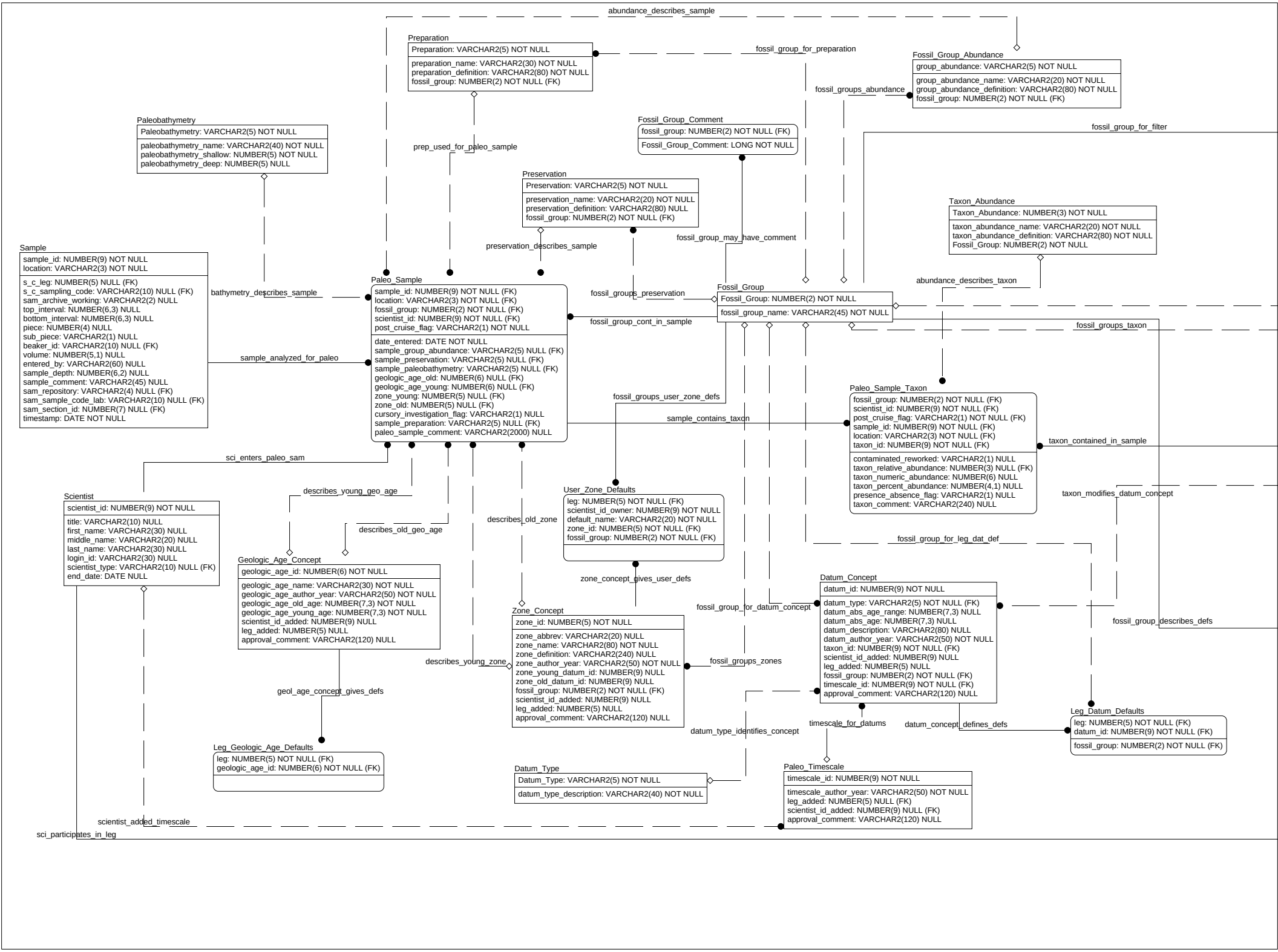
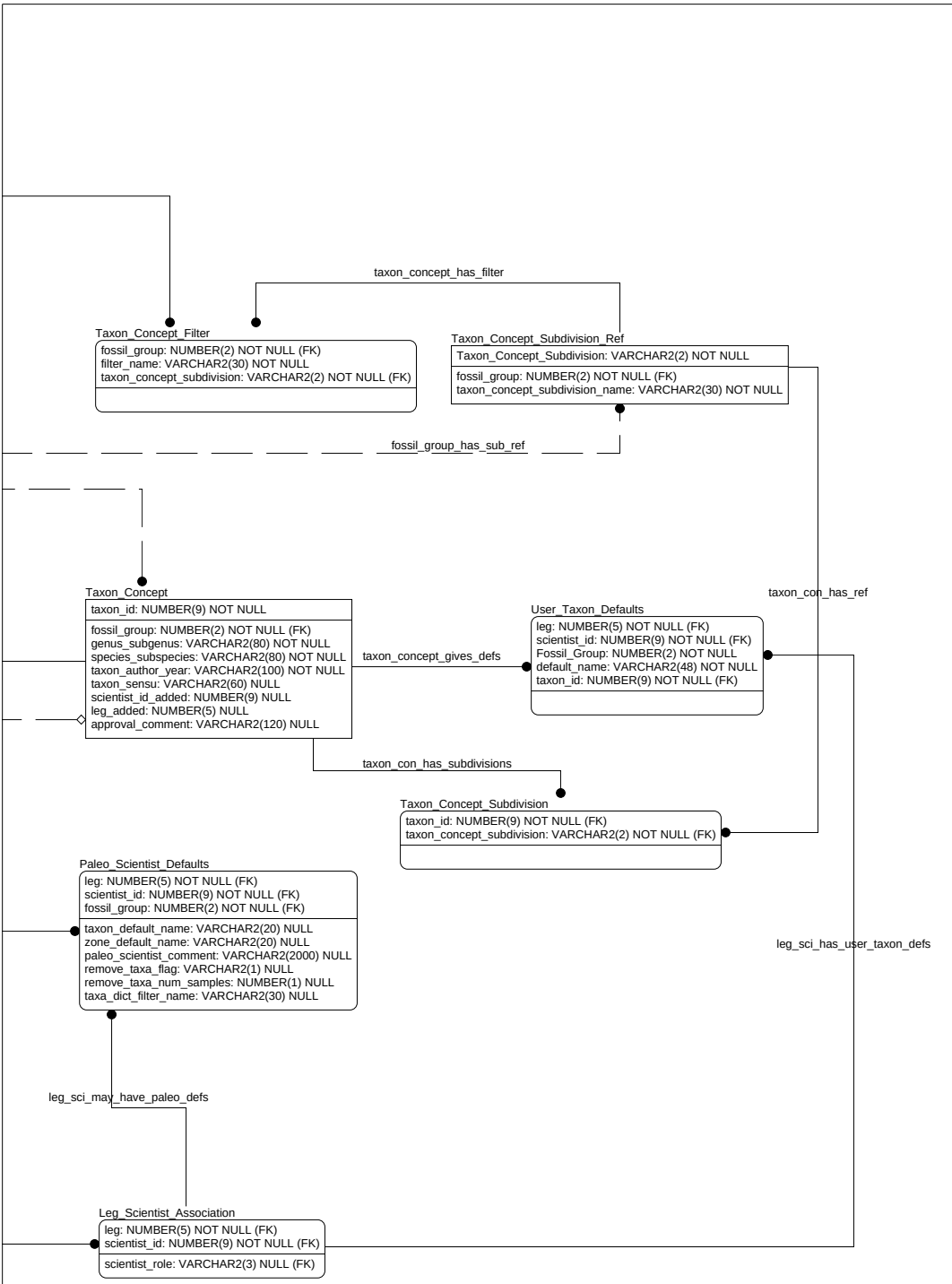

abundance_describes_sample
Preparation
Preparation: VARCHAR2(5) NOT NULL
preparation_name: VARCHAR2(30) NOT NULL
preparation_definition: VARCHAR2(80) NOT NULL
fossil_group: NUMBER(2) NOT NULL (FK)
fossil_group_for_preparation
Fossil_Group_Abundance
group_abundance: VARCHAR2(5) NOT NULL
group_abundance_name: VARCHAR2(20) NOT NULL
group_abundance_definition: VARCHAR2(80) NOT NULL
fossil_group: NUMBER(2) NOT NULL (FK)
fossil_groups_abundance
Paleobathymetry
Paleobathymetry: VARCHAR2(5) NOT NULL
paleobathymetry_name: VARCHAR2(40) NOT NULL
paleobathymetry_shallow: NUMBER(5) NOT NULL
paleobathymetry_deep: NUMBER(5) NULL
prep_used_for_paleo_sample
Fossil_Group_Comment
fossil_group: NUMBER(2) NOT NULL (FK)
Fossil_Group_Comment: LONG NOT NULL
fossil_group_for_filter
Preservation
Preservation: VARCHAR2(5) NOT NULL
preservation_name: VARCHAR2(20) NOT NULL
preservation_definition: VARCHAR2(80) NULL
fossil_group: NUMBER(2) NOT NULL (FK)
Taxon_Abundance
Taxon_Abundance: NUMBER(3) NOT NULL
taxon_abundance_name: VARCHAR2(20) NOT NULL
taxon_abundance_definition: VARCHAR2(80) NOT NULL
Fossil_Group: NUMBER(2) NOT NULL
fossil_group_may_have_comment
preservation_describes_sample
Sample
sample_id: NUMBER(9) NOT NULL
location: VARCHAR2(3) NOT NULL
s_c_leg: NUMBER(5) NULL (FK)
s_c_sampling_code: VARCHAR2(10) NULL (FK)
sam_archive_working: VARCHAR2(2) NULL
top_interval: NUMBER(6,3) NULL
bottom_interval: NUMBER(6,3) NULL
piece: NUMBER(4) NULL
sub_piece: VARCHAR2(1) NULL
beaker_id: VARCHAR2(10) NULL (FK)
volume: NUMBER(5,1) NULL
entered_by: VARCHAR2(60) NULL
sample_depth: NUMBER(6,2) NULL
sample_comment: VARCHAR2(45) NULL
sam_repository: VARCHAR2(4) NULL (FK)
sam_sample_code_lab: VARCHAR2(10) NULL (FK)
sam_section_id: NUMBER(7) NULL (FK)
timestamp: DATE NOT NULL
bathymetry_describes_sample
Paleo_Sample
sample_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
fossil_group: NUMBER(2) NOT NULL (FK)
scientist_id: NUMBER(9) NOT NULL (FK)
post_cruise_flag: VARCHAR2(1) NOT NULL
date_entered: DATE NOT NULL
sample_group_abundance: VARCHAR2(5) NULL (FK)
sample_preservation: VARCHAR2(5) NULL (FK)
sample_paleobathymetry: VARCHAR2(5) NULL (FK)
geologic_age_old: NUMBER(6) NULL (FK)
geologic_age_young: NUMBER(6) NULL (FK)
zone_young: NUMBER(5) NULL (FK)
zone_old: NUMBER(5) NULL (FK)
cursory_investigation_flag: VARCHAR2(1) NULL
sample_preparation: VARCHAR2(5) NULL (FK)
paleo_sample_comment: VARCHAR2(2000) NULL
fossil_groups_preservation
Fossil_Group
Fossil_Group: NUMBER(2) NOT NULL
fossil_group_name: VARCHAR2(45) NOT NULL
abundance_describes_taxon
fossil_group_cont_in_sample
fossil_groups_taxon
sample_analyzed_for_paleo
fossil_groups_user_zone_defs
Paleo_Sample_Taxon
fossil_group: NUMBER(2) NOT NULL (FK)
scientist_id: NUMBER(9) NOT NULL (FK)
post_cruise_flag: VARCHAR2(1) NOT NULL (FK)
sample_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
taxon_id: NUMBER(9) NOT NULL (FK)
contaminated_reworked: VARCHAR2(1) NULL
taxon_relative_abundance: NUMBER(3) NULL (FK)
taxon_numeric_abundance: NUMBER(6) NULL
taxon_percent_abundance: NUMBER(4,1) NULL
presence_absence_flag: VARCHAR2(1) NULL
taxon_comment: VARCHAR2(240) NULL
sample_contains_taxon
taxon_contained_in_sample
sci_enters_paleo_sam
Scientist
scientist_id: NUMBER(9) NOT NULL
title: VARCHAR2(10) NULL
first_name: VARCHAR2(30) NULL
middle_name: VARCHAR2(20) NULL
last_name: VARCHAR2(30) NULL
login_id: VARCHAR2(30) NULL
scientist_type: VARCHAR2(10) NULL (FK)
end_date: DATE NULL
describes_young_geo_age
describes_old_geo_age
describes_old_zone
User_Zone_Defaults
leg: NUMBER(5) NOT NULL (FK)
scientist_id_owner: NUMBER(9) NOT NULL
default_name: VARCHAR2(20) NOT NULL
zone_id: NUMBER(5) NOT NULL (FK)
fossil_group: NUMBER(2) NOT NULL (FK)
taxon_modifies_datum_concept
fossil_group_for_leg_dat_def
Geologic_Age_Concept
geologic_age_id: NUMBER(6) NOT NULL
geologic_age_name: VARCHAR2(30) NOT NULL
geologic_age_author_year: VARCHAR2(50) NOT NULL
geologic_age_old_age: NUMBER(7,3) NOT NULL
geologic_age_young_age: NUMBER(7,3) NOT NULL
scientist_id_added: NUMBER(9) NULL
leg_added: NUMBER(5) NULL
approval_comment: VARCHAR2(120) NULL
zone_concept_gives_user_defs
Datum_Concept
datum_id: NUMBER(9) NOT NULL
datum_type: VARCHAR2(5) NOT NULL (FK)
datum_abs_age_range: NUMBER(7,3) NULL
datum_abs_age: NUMBER(7,3) NULL
datum_description: VARCHAR2(80) NULL
datum_author_year: VARCHAR2(50) NOT NULL
taxon_id: NUMBER(9) NOT NULL (FK)
scientist_id_added: NUMBER(9) NULL
leg_added: NUMBER(5) NULL
fossil_group: NUMBER(2) NOT NULL (FK)
timescale_id: NUMBER(9) NOT NULL (FK)
approval_comment: VARCHAR2(120) NULL
fossil_group_for_datum_concept
fossil_group_describes_defs
Zone_Concept
zone_id: NUMBER(5) NOT NULL
zone_abbrev: VARCHAR2(20) NULL
zone_name: VARCHAR2(80) NOT NULL
zone_definition: VARCHAR2(240) NULL
zone_author_year: VARCHAR2(50) NOT NULL
zone_young_datum_id: NUMBER(9) NULL
zone_old_datum_id: NUMBER(9) NULL
fossil_group: NUMBER(2) NOT NULL (FK)
scientist_id_added: NUMBER(9) NULL
leg_added: NUMBER(5) NULL
approval_comment: VARCHAR2(120) NULL
describes_young_zone
fossil_groups_zones
geol_age_concept_gives_defs
timescale_for_datums
datum_concept_defines_defs
Leg_Datum_Defaults
leg: NUMBER(5) NOT NULL (FK)
datum_id: NUMBER(9) NOT NULL (FK)
fossil_group: NUMBER(2) NOT NULL (FK)
datum_type_identifies_concept
Leg_Geologic_Age_Defaults
leg: NUMBER(5) NOT NULL (FK)
geologic_age_id: NUMBER(6) NOT NULL (FK)
Datum_Type
Datum_Type: VARCHAR2(5) NOT NULL
datum_type_description: VARCHAR2(40) NOT NULL
Paleo_Timescale
timescale_id: NUMBER(9) NOT NULL
timescale_author_year: VARCHAR2(50) NOT NULL
leg_added: NUMBER(5) NULL (FK)
scientist_id_added: NUMBER(9) NULL (FK)
approval_comment: VARCHAR2(120) NULL
scientist_added_timescale
sci_participates_in_leg


taxon_concept_has_filter
Taxon_Concept_Filter
fossil_group: NUMBER(2) NOT NULL (FK)
filter_name: VARCHAR2(30) NOT NULL
taxon_concept_subdivision: VARCHAR2(2) NOT NULL (FK)
Taxon_Concept_Subdivision_Ref
Taxon_Concept_Subdivision: VARCHAR2(2) NOT NULL
fossil_group: NUMBER(2) NOT NULL (FK)
taxon_concept_subdivision_name: VARCHAR2(30) NOT NULL
fossil_group_has_sub_ref
taxon_con_has_ref
Taxon_Concept
taxon_id: NUMBER(9) NOT NULL
fossil_group: NUMBER(2) NOT NULL (FK)
genus_subgenus: VARCHAR2(80) NOT NULL
species_subspecies: VARCHAR2(80) NOT NULL
taxon_author_year: VARCHAR2(100) NOT NULL
taxon_sensu: VARCHAR2(60) NULL
scientist_id_added: NUMBER(9) NULL
leg_added: NUMBER(5) NULL
approval_comment: VARCHAR2(120) NULL
taxon_concept_gives_defs
User_Taxon_Defaults
leg: NUMBER(5) NOT NULL (FK)
scientist_id: NUMBER(9) NOT NULL (FK)
Fossil_Group: NUMBER(2) NOT NULL
default_name: VARCHAR2(48) NOT NULL
taxon_id: NUMBER(9) NOT NULL (FK)
taxon_con_has_subdivisions
Taxon_Concept_Subdivision
taxon_id: NUMBER(9) NOT NULL (FK)
taxon_concept_subdivision: VARCHAR2(2) NOT NULL (FK)
Paleo_Scientist_Defaults
leg: NUMBER(5) NOT NULL (FK)
scientist_id: NUMBER(9) NOT NULL (FK)
fossil_group: NUMBER(2) NOT NULL (FK)
taxon_default_name: VARCHAR2(20) NULL
zone_default_name: VARCHAR2(20) NULL
paleo_scientist_comment: VARCHAR2(2000) NULL
remove_taxa_flag: VARCHAR2(1) NULL
remove_taxa_num_samples: NUMBER(1) NULL
taxa_dict_filter_name: VARCHAR2(30) NULL
leg_sci_has_user_taxon_defs
leg_sci_may_have_paleo_defs
Leg_Scientist_Association
leg: NUMBER(5) NOT NULL (FK)
scientist_id: NUMBER(9) NOT NULL (FK)
scientist_role: VARCHAR2(3) NULL (FK)