

RIBBiTR Schema's

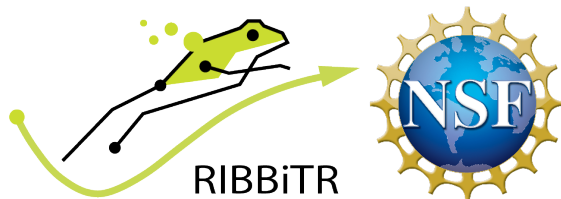
Updated: 2022-11-07

Data Acquisition Protocol

- Select variables of interest from the data tables within schemas
- Contact data owners within RIBBiTR for approved use of data; CC data manager
 - Per [RIBBiTR data sharing agreement](#)
 - Data owners
 - * Panama Survey Data: [Jamie Voyles](#)
 - * SERDP Survey Data: [Cori Richards-Zawacki](#)
 - * Pennsylvania Survey Data: [Cori Richards-Zawacki](#)
 - * Sierra Nevada Survey Data: [Roland Knapp](#)
 - * Brazil Legacy Survey Data: [Gui Becker](#)
 - * AMP: [Louise Rollins-Smith](#)
 - * Microbiome: [Doug Woodhams](#)
 - * Genetic: [Bree Rosenblum](#)
 - * Antibody: [Louise Rollins-Smith](#)
 - * Bacterial: [Doug Woodhams](#)
 - * Mucosome: [Doug Woodhams](#)
- Contact data manager to develop query for variables of interest
- *Note:* If you are requesting data from a processed swab table, then you must also contact the team that collected the swab and the team that processed the swab.

Swab Data Nomenclature

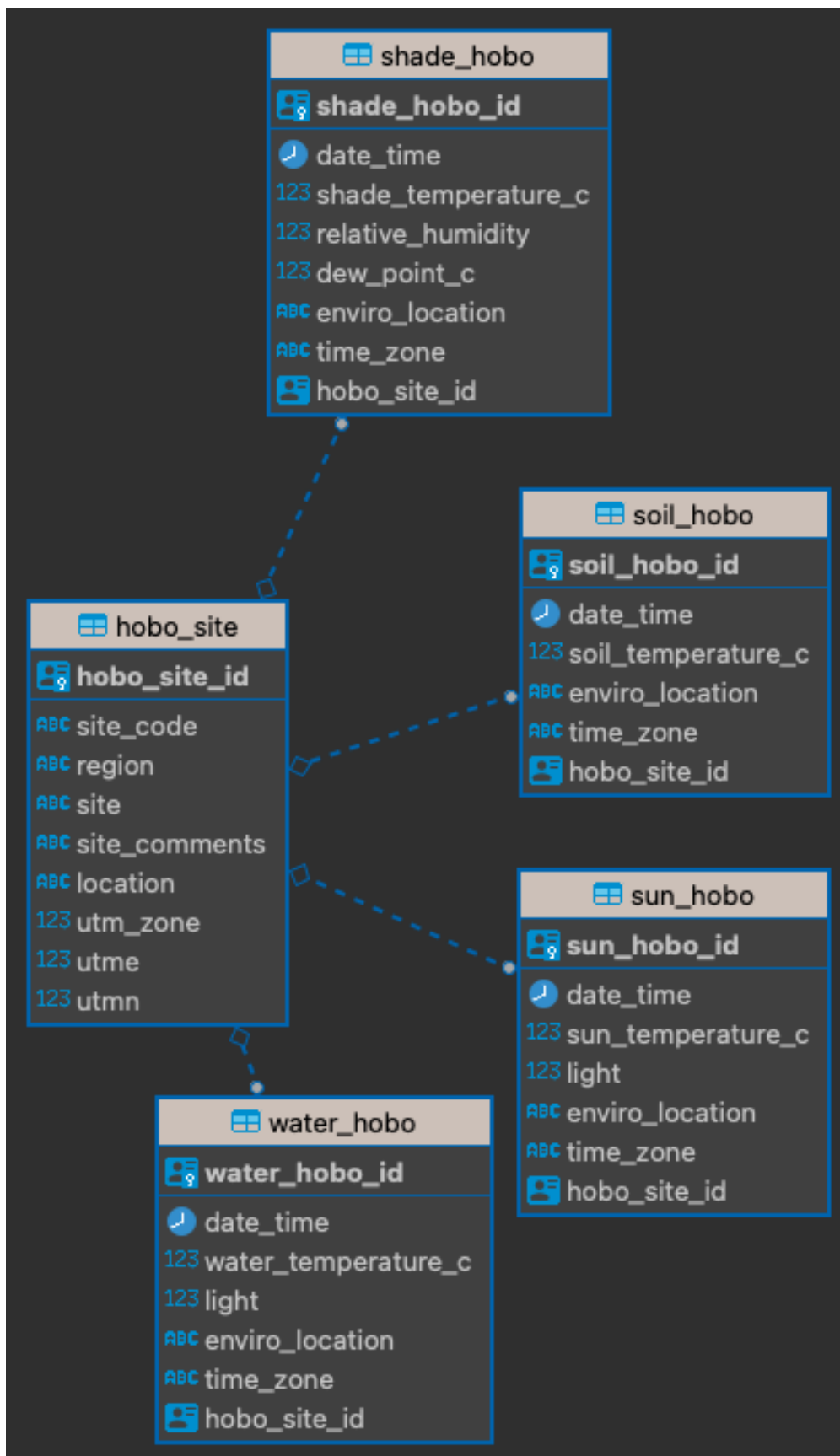
- `bd_swab_id`: dry swab used for Bd detection
- `genetic_id`: sample used for genetic processing (buccal, toe clip, tissue)
- `bacterial_swab_id`: swab used for culturing bacteria
- `mucosome_id`: sample used for identifying all micro organisms
- `microbiome_swab_id`: swab used for sequencing bacteria
- `crispr_swab_id`: swab used for crispr Bd detection
- `amp_id`: sample used for anti-microbial peptide processing
- `antibody_id`:



The diagram illustrates a database schema with the following tables and their fields:

- location**
 - location_id
 - location
- region**
 - region_id
 - region
 - location_id
- site**
 - site_id
 - site
 - utm_zone
 - utm
 - site_code
 - site_comments
 - elevation_m
 - area_sq_m
 - depth_m
 - topo
 - wilderness
 - region_id
- visit**
 - visit_id
 - campaign
 - date
 - survey_time
 - visit_notes
 - site_code
 - visit_status
 - site_id
- panama_survey**
 - panama_survey_id
 - transect
 - frog_presence
 - observers
 - number_observers
 - start_time
 - end_time
 - duration_minutes
 - samp_loc
 - pressure_hg
 - humidity_percent
 - wind_speed_m_s
 - air_temp_c
 - water_temp_c
 - dissolved_o2_percent
 - p_h
 - conductivity_uS_cm
 - rhk_gpm
 - salinity_spt
 - cloud_cover_percent
 - precip
 - notes_survey
 - gaqp_survey
 - wet_humidity_m3m3
 - visit_id
- penn_survey**
 - penn_survey_id
 - observer
 - start_time
 - end_time
 - duration_minutes
 - visit_id
- brazil_legacy_survey**
 - brazil_legacy_survey_id
 - start_time
 - end_time
 - campaign
 - duration_minutes
 - visit_id
- sierra_nevada_survey**
 - sierra_nevada_survey_id
 - wind
 - sky
 - start_time
 - end_time
 - duration
 - air_temp
 - air_time
 - water_temp
 - water_time
 - fish
 - description
 - comment
 - survey_quality
 - visit_id
- serdp_survey**
 - serdp_survey_id
 - site_code
 - no_of_investigators
 - investigator_1_ds
 - start_time
 - end_time
 - wind_speed_scale
 - precipitation_during_visit
 - precipitation_last_48_h
 - temperature_last_48_h
 - percent_cloud_cover
 - weather_condition_notes
 - pressure psi
 - pressure psi_drop
 - relative_humidity
 - wind_speed_mphs_min
 - wind_speed_mphs_max
 - air_temp_deg_c
 - air_temp_deg_c_drop
 - water_temp_deg_c
 - p_h
 - conductivity
 - total_dissolved_solids
 - densimeter_d1_num_covered
 - d1_n
 - d1_s
 - d1_e
 - d1_w
 - d1_percent_cover
 - densimeter_d2_num_covered
 - d2_n
 - d2_s
 - d2_e
 - d2_w
 - d2_percent_cover
 - depth_of_water_from_d2_cm
 - percent_vegetation_cover
 - vegetation_notes
 - e_obsample
 - survey_notes
 - pressure_hg
 - wind_speed_mphs
 - switch_depth_cm
 - duration_minutes
 - visit_id
- serdp_newt_microbiome_mucosome_antifungal**
 - mucosome_id
 - microbiome_swab_id
 - swab_id
 - observed_features
 - faith_pd
 - shannon_entropy
 - pielou_evenness
 - exp_shannon
 - all_seqs_richness
 - total_all_seqs
 - proper_total_all_seqs_richness
 - facilitating_richness
 - total_facilitating
 - proper_total_facilitating
 - proper_total_facilitating_richness
 - antifungal_richness
 - total_antifungal
 - proper_total_antifungal
 - proper_total_antifungal_richness
 - total_txr
 - proper_total_txr
 - corrected_viability
 - extraction_kit
 - shedding_ct
 - shedding_bd_mean
 - shedding_bd_swab
 - shedding_infected
- serdp_amp**
 - amp_id
 - temp_1p_1266_9
 - temp_1p_intensity
 - brev_1p_1834
 - brev_1p_intensity
 - brev_1p_2592_4
 - brev_1p_intensity
 - brev_1p_2576_4
 - brev_1p_intensity
 - brev_1p_2595_5_brev_1p_2593_5
 - brev_1p_intensity
 - rana_1p_2999_5
 - rana_1p_intensity
 - rana_1p_3521
 - rana_1p_intensity
 - met_mate1_notes
 - centor
 - total_peptides_uq
 - water
 - reason
 - julian_date
 - peptides_uq_gbow
 - peptides_uq_cm2
 - peptides_uq_ml_mucus
 - ans
 - gha_plate_pos_growth
 - date_gha
 - gha_final_reading
 - percent_inhibition_16_uq_ml
 - percent_inhibition_31_uq_ml
 - percent_inhibition_63_uq_ml
 - percent_inhibition_125_uq_ml
 - percent_inhibition_250_uq_ml
 - percent_inhibition_500_uq_ml
 - slope
 - ic50
 - mcc
 - bd_load
 - gha_notes
 - daily_arg_1
 - daily_mme_1
 - daily_run
 - run_seqs_187
 - arg_miles_per_locus
 - ineage_astral_187
 - ineage_dapc_2_9fnc
 - lastchmuidity
 - last2l_ar
 - last2l_maxair
 - lastmo_ar
 - delta_ar2w
 - delta_ar1m
 - degredays
- serdp_bd**
 - qpcr_date
 - qpcr_run
 - sample_quality
 - sample_id
 - sample_run
 - sample_idc
 - sample_bd_ct
 - sample_bd_ctfy
 - bd_load
 - notes
- panama_bd_temp**
 - bd_swab_id
 - bd_load
- serdp_bd_genomic**
 - genetic_id
 - seq_run
 - run_seqs_187
 - arg_miles_per_locus
 - ineage_astral_187
 - ineage_dapc_2_9fnc
 - lastchmuidity
 - last2l_ar
 - last2l_maxair
 - lastmo_ar
 - delta_ar2w
 - delta_ar1m
 - degredays
- serdp_capture**
 - capture_id
 - species_capture
 - time_of_capture
 - capture_txr_loc
 - microhabitat_type
 - body_temp_c
 - substrate_temp_c
 - svl_mmm
 - body_mass_g
 - life_stage
 - sex
 - capture_animal_state
 - bd_swab_id
 - genetic_id
 - microbiome_swab_id
 - amp_id
 - e_obs
 - photo
 - capture_animal_state
 - bd_swab_id
 - genetic_id
 - microbiome_swab_id
 - amp_id
 - e_obs
 - photo
 - capture_animal_state
 - bd_swab_id
 - genetic_id
 - microbiome_swab_id
 - amp_id
 - e_obs
 - photo
- serdp_microhab**
 - microhab_id
 - microhab_name
 - microhab_type
 - microhab_location
 - microhab_notes
 - microhab_survey_id
 - microhab_visit_id
 - microhab_duration
 - microhab_temperature
 - microhab_humidity
 - microhab_pressure
 - microhab_wind_speed
 - microhab_air_temp
 - microhab_water_temp
 - microhab_fish
 - microhab_description
 - microhab_comment
 - microhab_survey_quality
 - microhab_visit_id
- serdp_microhab_genomic**
 - microhab_genomic_id
 - microhab_genomic_name
 - microhab_genomic_type
 - microhab_genomic_location
 - microhab_genomic_notes
 - microhab_genomic_survey_id
 - microhab_genomic_visit_id
 - microhab_genomic_duration
 - microhab_genomic_temperature
 - microhab_genomic_humidity
 - microhab_genomic_pressure
 - microhab_genomic_wind_speed
 - microhab_genomic_air_temp
 - microhab_genomic_water_temp
 - microhab_genomic_fish
 - microhab_genomic_description
 - microhab_genomic_comment
 - microhab_genomic_survey_quality
 - microhab_genomic_visit_id
- serdp_microhab_temp**
 - microhab_temp_id
 - microhab_temp_name
 - microhab_temp_type
 - microhab_temp_location
 - microhab_temp_notes
 - microhab_temp_survey_id
 - microhab_temp_visit_id
 - microhab_temp_duration
 - microhab_temp_temperature
 - microhab_temp_humidity
 - microhab_temp_pressure
 - microhab_temp_wind_speed
 - microhab_temp_air_temp
 - microhab_temp_water_temp
 - microhab_temp_fish
 - microhab_temp_description
 - microhab_temp_comment
 - microhab_temp_survey_quality
 - microhab_temp_visit_id
- serdp_microhab_genomic**
 - microhab_genomic_id
 - microhab_genomic_name
 - microhab_genomic_type
 - microhab_genomic_location
 - microhab_genomic_notes
 - microhab_genomic_survey_id
 - microhab_genomic_visit_id
 - microhab_genomic_duration
 - microhab_genomic_temperature
 - microhab_genomic_humidity
 - microhab_genomic_pressure
 - microhab_genomic_wind_speed
 - microhab_genomic_air_temp
 - microhab_genomic_water_temp
 - microhab_genomic_fish
 - microhab_genomic_description
 - microhab_genomic_comment
 - microhab_genomic_survey_quality
 - microhab_genomic_visit_id
- serdp_microhab_temp**
 - microhab_temp_id
 - microhab_temp_name
 - microhab_temp_type
 - microhab_temp_location
 - microhab_temp_notes
 - microhab_temp_survey_id
 - microhab_temp_visit_id
 - microhab_temp_duration
 - microhab_temp_temperature
 - microhab_temp_humidity
 - microhab_temp_pressure
 - microhab_temp_wind_speed
 - microhab_temp_air_temp
 - microhab_temp_water_temp
 - microhab_temp_fish
 - microhab_temp_description
 -

Schema: "hobo"



Schema: “antifungal_isolate”

antifungal_isolate_ref	
ABC	sample_id
ABC	fasta_id
ABC	isolate_id
ABC	country
ABC	location_name
ABC	wild_captive
ABC	latitude
ABC	longitude
ABC	host_individual_id
ABC	host_species
ABC	life_stage
123	year_sampled
ABC	assay_method
ABC	assay_temperature
ABC	method_notes
ABC	bd_genotype
ABC	fungi_tested
ABC	tested_against_bd
ABC	tested_against_bsal
ABC	tested_against_other_fungi
ABC	proportional_growth_bd
123	proportional_growth_bsal
ABC	bd_inhibition
ABC	bsal_inhibition
ABC	anti_fungal_function
ABC	sequencing_p_rime_rs
ABC	reference
ABC	researchers
ABC	study_tab
ABC	current_update
ABC	id
ABC	seq
ABC	gen_bank_accession
<input checked="" type="checkbox"/>	x34