## plot p\_id int t\_id plot\_number cover c\_id p\_id varchar(255)

type

biomass	
b_id	int
p_id	int
type	varchar(255)
species	varchar(255)
green_weight	int

transect	
t_id	int
r_id	int
transect_no	int
location	varchar(255)
elevation	int
slope	int
type_designation	varchar(255)
aspect	varchar(10)

biomass_summary	
b_id	int
r_id	int
species	varchar(255)
trans1	int
trans2	int
trans3	int
total	int
dry_weight	int
prod_dry_weight	int
composition	int
desirability_D	int
desirability_l	int
desirability_L	int

cover_sum	mary
c_id	int
r_id	int
type	varchar(255)
total	int
average	int

ιεροιι	
r_id	int
writeup_no	varchar(255)
photo_no	varchar(255)
examiner	varchar(255)
transect_no	varchar(255)
slope	int
aspect	varchar(255)
elevation_min	int
elevation_max	int
forest	varchar(255)
ranger_district	varchar(255)
allotment	varchar(255)
location	varchar(255)
livestock	varchar(255)
type_designation	varchar(255)
type_des_trend	varchar(255)
date	date
total_grass	int
total_forb	int
total_browse	int
desirable	int
intermediate	int
least_desirable	int
composition	int
production	int

forage\_condition

ground\_cover

soil\_condition

browse\_condition

varchar(255)

varchar(255)

suit\_reasons

varchar(255)

erosion

trend

## soil\_summary s\_id int r\_id surface\_texture varchar(255) surf\_text\_thick surf\_text\_ph float subsoil\_texture varchar(255) sub\_text\_thick float sub\_text\_ph substratum\_mat varchar(255) eff\_root\_depth varchar(255) general\_remarks varchar(255) avg\_surface\_loss float loss\_over\_area int float gullies\_length gullies\_depth float varchar(255) erosion\_remarks detachability rock\_coverage int float adj\_detachability permeability int erod\_index float erod\_index\_class varchar(255) slope int varchar(255) eros\_haz\_class compaction varchar(255) displacement varchar(255) cover\_dispersion varchar(255) potential\_product notes varchar(510)

validation   r_id int   column_name varchar(255)   validated boolean   confidence float   field_image varchar(255)      valid_forests varchar(255)      valid_allotment varchar(255)     valid_livestock  valid_livestock  valid_livestock  valid_ranger_dist  valid_ranger_dist  varchar(255)		
column_name varchar(255)  validated boolean  confidence float  field_image varchar(255)   valid_forests  valid_forests varchar(255)   valid_allotment  valid_allotment varchar(255)   valid_livestock  valid_livestock varchar(255)	validation	
validated boolean confidence float field_image varchar(255)   valid_forests  valid_forests varchar(255)   valid_allotment  valid_allotment varchar(255)   valid_livestock  valid_livestock varchar(255)	r_id	int
confidence field_image	column_name	varchar(255)
ralid_forests valid_forests valid_allotment valid_allotment valid_allotment valid_livestock valid_livestock valid_ranger_dist	validated	boolean
valid_forests   valid_forests varchar(255)     valid_allotment varchar(255)   valid_allotment varchar(255)     valid_livestock varchar(255)   valid_ranger_dist	confidence	float
valid_forests varchar(255)     valid_allotment varchar(255)     valid_allotment varchar(255)     valid_livestock varchar(255)     valid_livestock varchar(255)	field_image	varchar(255)
valid_forests varchar(255)     valid_allotment varchar(255)     valid_allotment varchar(255)     valid_livestock varchar(255)     valid_livestock varchar(255)		
valid_forests varchar(255)     valid_allotment varchar(255)     valid_allotment varchar(255)     valid_livestock varchar(255)     valid_livestock varchar(255)		
valid_forests varchar(255)     valid_allotment varchar(255)     valid_allotment varchar(255)     valid_livestock varchar(255)     valid_livestock varchar(255)		
<pre>valid_allotment  valid_allotment</pre>	valid_forests	
valid_allotment varchar(255)  valid_livestock  valid_livestock varchar(255)  valid_ranger_dist	valid_forests	varchar(255)
valid_allotment varchar(255)  valid_livestock  valid_livestock varchar(255)  valid_ranger_dist	uslid allatman	
valid_livestock  valid_livestock varchar(255)  valid_ranger_dist		
valid_livestock varchar(255)  valid_ranger_dist	valid_allotment	Varchar(255)
valid_livestock varchar(255)  valid_ranger_dist		
valid_ranger_dist	valid_livestock	X .
	valid_livestock	varchar(255)
valid_ranger_dist varchar(255)	valid_ranger_d	list
	valid_ranger_dist	t varchar(255)

valid\_plot

plot\_number

valid_report	
writeup_no	varchar(255
photo_no	varchar(255
examiner	varchar(255
transect_no	varchar(255
slope	in
aspect	varchar(255
elevation_min	in
elevation_max	in
forest	varchar(255
ranger_district	varchar(255
allotment	varchar(255
location	varchar(255
livestock	varchar(255
type_designation	varchar(255
type_des_trend	varchar(255
date	date
total_grass	in
total_forb	in
total_browse	in
desirable	in
intermediate	in
least_desirable	in
composition	in
production	in
forage_condition	in
ground_cover	in
erosion	in
soil_condition	in
browse_condition	varchar(255
trend	varchar(255
notes	varchar(510

surface_texture	varchar(255)
surf_text_thick	in
surf_text_ph	floa
subsoil_texture	varchar(255
sub_text_thick	in
sub_text_ph	floa
substratum_mat	varchar(255
eff_root_depth	varchar(255)
general_remarks	varchar(255)
avg_surface_loss	floa
loss_over_area	in
gullies_length	floa
gullies_depth	floa
erosion_remarks	varchar(255
detachability	in
rock_coverage	in
adj_detachability	floa
permeability	in
erod_index	floa
erod_index_class	varchar(255)
slope	in
eros_haz_class	varchar(255
compaction	varchar(255
displacement	varchar(255
cover_dispersion	varchar(255
potential_product	in
suit_reasons	varchar(255)

varchar(255)

value

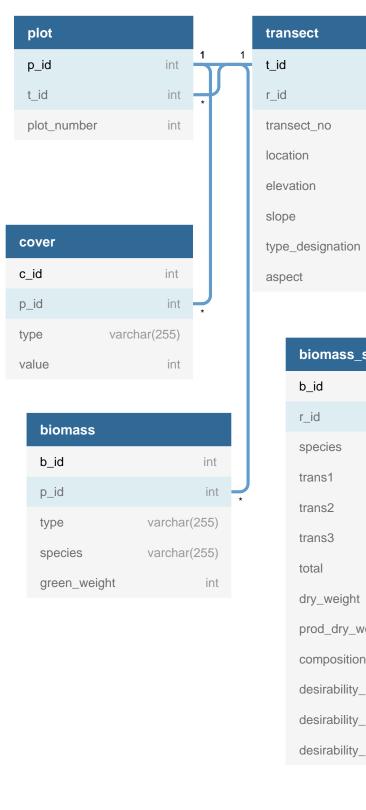
valid_transect	
transect_no	int
location	varchar(255)
elevation	int
slope	int
type_designation	varchar(255)
aspect	varchar(10)
valid_biomass_	summary
species	varchar(255)

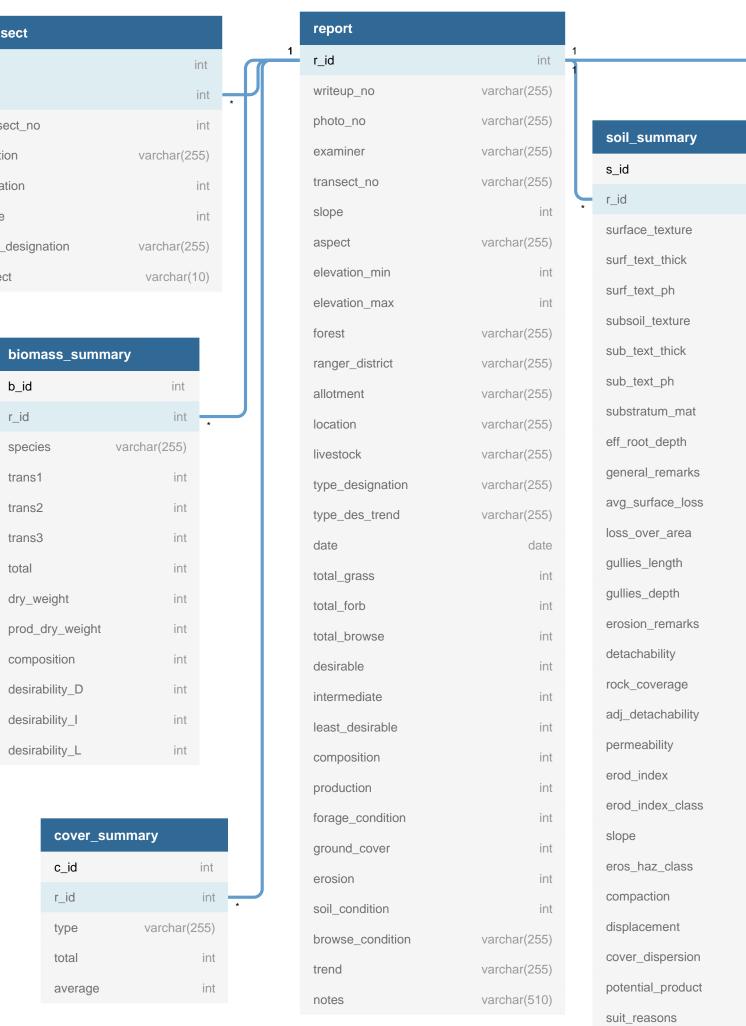
valid_biomass_s	ummary
species	varchar(255)
trans1	int
trans2	int
trans3	int
total	int
dry_weight	int
prod_dry_weight	int
composition	int
desirability_D	int
desirability_l	int
desirability_L	int

valid_biomass	
type	varchar(255)
species	varchar(255)
green_weight	int

valid_cover_summary	
type	varchar(255)
total	int
average	int







			validation
1		*	r_id
			column_name
П			validated
Н	soil_summary		confidence
	s_id	int	field_image
*	r_id	int	
	surface_texture	varchar(255)	
	surf_text_thick	int	
	surf_text_ph	float	valid_f
	subsoil_texture	varchar(255)	valid_fo
	sub_text_thick	int	
	sub_text_ph	float	valid_a
	substratum_mat	varchar(255)	valid_all
	eff_root_depth	varchar(255)	
	general_remarks	varchar(255)	
	avg_surface_loss	float	valid_li
	loss_over_area	int	valid_live
	gullies_length	float	
	gullies_depth	float	valid_ra
	erosion_remarks	varchar(255)	valid_rar
	detachability	int	
	rock_coverage	int	
	adj_detachability	float	
	permeability	int	
	erod_index	float	
	erod_index_class	varchar(255)	
	slope	int	
	eros_haz_class	varchar(255)	
	compaction	varchar(255)	
	displacement	varchar(255)	
	cover_dispersion	varchar(255)	

varchar(255)

valid\_forests

valid\_allotment

valid\_allotment

valid\_livestock

valid\_ranger\_dist

valid\_ranger\_dist

valid\_plot

plot\_number

valid\_livestock

valid\_forests

varchar(255)

varchar(255)

boolean

float

varchar(255)

varchar(255)

varchar(255)

varchar(255)

valid_report	
writeup_no	varchar(255
photo_no	varchar(255
examiner	varchar(255
transect_no	varchar(255
slope	in
aspect	varchar(255)
elevation_min	in
elevation_max	in
forest	varchar(255)
ranger_district	varchar(255)
allotment	varchar(255)
location	varchar(255)
livestock	varchar(255)
type_designation	varchar(255)
type_des_trend	varchar(255)
date	date
total_grass	in
total_forb	in
total_browse	in
desirable	in
intermediate	in
least_desirable	in
composition	in
production	in
forage_condition	in
ground_cover	in
erosion	in
soil_condition	in
browse_condition	varchar(255
trend	varchar(255
notes	varchar(510)

surface_texture	varchar(255
surf_text_thick	in
surf_text_ph	floa
subsoil_texture	varchar(255
sub_text_thick	ir
sub_text_ph	floa
substratum_mat	varchar(255
eff_root_depth	varchar(255
general_remarks	varchar(255
avg_surface_loss	floa
loss_over_area	ir
gullies_length	floa
gullies_depth	floa
erosion_remarks	varchar(255
detachability	ir
rock_coverage	ir
adj_detachability	floa
permeability	ir
erod_index	floa
erod_index_class	varchar(255
slope	ir
eros_haz_class	varchar(255
compaction	varchar(255
displacement	varchar(255
cover_dispersion	varchar(255
potential_product	ir
suit_reasons	varchar(255

varchar(255)

valid_transect		
transect_no	int	
location	varchar(255)	
elevation	int	
slope	int	
type_designation	varchar(255)	
aspect	varchar(10)	
valid_biomass_summary		
species	varchar(255)	

valid_biomass_summary		
species	varchar(255)	
trans1	int	
trans2	int	
trans3	int	
total	int	
dry_weight	int	
prod_dry_weight	int	
composition	int	
desirability_D	int	
desirability_l	int	
desirability_L	int	

valid_biomass			
type	varchar(255)		
species	varchar(255)		
green_weight	int		

valid_cover_summary		
type	varchar(255)	
total	int	
average	int	

