

The table below lists data files used to calibrate demographic response functions for the Waitutu SORTIE-NZ models (Forsyth et al. accepted manuscript, Ecological Monographs and Kunstler et al. 2013 Annals of Forest Science)

The table is organized as demographic response functions (columns) for different life-history stages (rows). Often more than one file was used to fit response functions in each case (and a single file was used to calibrate more than one response function).

Additional information can be obtained from Tomás Easdale (easdalet@landcareresearch.co.nz)

FUNCTIONAL GROUPING plant_traits.csv

ALLUVIAL UNFENCED

PREDATION	
seed_predation_alluvial_june_2003.csv;	
SEEDS	
seed_predation_alluvial_may_2004.csv	

SHORT SEEDLINGS	DISPERSAL	FECUNDITY	SUBSTRATE PREFERENCE	STARTING CONDITIONS	LIGHT TRANSMISSION	EPIPHYTE RECRUITMENT
	shortseedlings_alluvial_marine_dispersal.csv	shortseedlings_alluvial_marine_substratepreference.csv	shortseedlings_alluvial_marine_substratepreference.csv			
SEEDLINGS	ALLOMETRIES		GROWTH	MORTALITY	WAITUTU FOREST 1996-1998_quadratseedlings_unfenced.csv; Waitutu Landcare Projects - Fertiliser Experiment FOREST 2004_quadratseedlings_unfenced.csv	epiphiteseedlingontreeferns_alluvial.csv
	naturalseedling_alluvial_marine_unfenced_allom_growth_mort.csv; seedlingtransplant_alluvial_marine_fenced_unfenced_allom_growth_mort.csv		naturalseedling_alluvial_marine_unfenced_allom_growth_mort.csv; naturalseedling_alluvial_marine_fenced_unfenced_growth_mort.csv; seedlingtransplant_alluvial_marine_fenced_unfenced_allom_growth_mort.csv	mappedtrees_alluvial_marine_mortality.csv; mappedtrees_alluvial_marine_mortality.csv; mappedtrees_alluvial_marine_mortality.csv		
SAPLINGS	sapling_alluvial_marine_allom_growth.csv		sapling_alluvial_marine_allom_growth.csv	WAITUTU FOREST 1978-1998_quadrat diameter.csv	mappedtrees_alluvial_marine_mortality.csv	adult_lightransmission.csv Gaxiola; Burrows and Coomes 2008. Oecologia 155: 325-335.
	adult_allometry.csv		WAITUTU FOREST 1978-1998_quadrat diameter.csv	WAITUTU FOREST 1978-1998_quadrat diameter.csv		
TREES	adult_allometry.csv		Gaxiola; Burrows and Coomes 2008. Oecologia 155: 325-335.	mappedtrees_alluvial_marine_mortality.csv	mappedtrees_alluvial_marine_mortality.csv	
TREE FERNS	adult_allometry.csv					

ALLUVIAL FENCED

GROWTH		MORTALITY
seedlingtransplant_alluvial_marine_fenced_unfenced_allom_growth_mort.csv		seedlingtransplant_alluvial_marine_fenced_unfenced_allom_growth_mort.csv

MARINE UNFENCED

PREDATION	
seed_predation_marine_june_2003.csv; seed_predation_marine_may_2004.csv	
SEEDS	

SHORT SEEDLINGS	DISPERSAL	FECUNDITY	SUBSTRATE PREFERENCE	STARTING CONDITIONS	LIGHT TRANSMISSION	
	shortseedlings_alluvial_marine_dispersal.csv	shortseedlings_alluvial_marine_substratepreference.csv	shortseedlings_alluvial_marine_substratepreference.csv			
SEEDLINGS	ALLOMETRIES		GROWTH	MORTALITY	adult_tree_growth_survival.csv mappedtrees_alluvial_marine_mortality.csv	adult_lightransmission.csv
	naturalseedling_alluvial_marine_unfenced_allom_growth_mort.csv; seedlingtransplant_alluvial_marine_fenced_unfenced_allom_growth_mort.csv		naturalseedling_alluvial_marine_unfenced_allom_growth_mort.csv; seedlingtransplant_alluvial_marine_fenced_unfenced_growth_mort.csv;	adult_tree_growth_survival.csv adult_tree_growth_survival.csv		
SAPLINGS	sapling_alluvial_marine_allom_growth.csv		sapling_alluvial_marine_allom_growth.csv	adult_tree_growth_survival.csv	adult_lightransmission.csv	
	adult_allometry.csv		adult_allometry.csv	adult_tree_growth_survival.csv		
TREES	adult_allometry.csv					

MARINE FENCED

GROWTH		MORTALITY
seedlingtransplant_alluvial_marine_fenced_unfenced_allom_growth_mort.csv		seedlingtransplant_alluvial_marine_fenced_unfenced_allom_growth_mort.csv