

Source	Variable	Description	
National Vegetation Survey	Plot	plot ID spread on a 8km grid	
	Nzpart	plots location on North or South island	
	EastingMG	rounded coordiate of each plot	
	NorthingMG	rounded coordiate of each plot	
	ObservedLandcover	Land cover type observed at plot	
	GroupID_16	ID grouping plots within a 16km grid	
	GroupID_32	ID grouping plots within a 32km grid	
	GroupID_128	ID grouping plots within a 128km grid	
	Native_All	All native richness	
	Exotic_All	All exotic richness	
	Exotic_T6	Exotic richness at tier 6 (<30 cm height)	
	Native_T6	Native richness at tier 6 (<30 cm height)	
	Exotic_T45	Exotic richness at tier 4, 5 (between30 cm and 5m height)	
	Native_T45	Native richness at tier 4, 5 (between30 cm and 5m height)	
	Native_T123	Native richness at tier 1, 2, 3 (>5 m height)	
	Exotic_T123	Exotic richness at tier 1, 2, 3 (>5 m height)	
	NoPlot	Number of plots per spatial group scale	
	BA	Tree basal area (m2/ha)	
	MeanBA	Mean tree basal area (m2/ha)	
	NativeT6_cover	Native species at tier 6 ground cover	
	MeanNT6_cover	Mean native species at tier 6 ground cover	
	Niwa climate data	Temp_Annua	Annual mean temperature (°C)
		MeanTemp	Mean of annual mean temperature
sdTemp		Annual mean temperature heterogeneity	
RAIN_Annua		Annual total rainfall (mm)	
MeanRain		Mean of annual total rainfall	
Land Cover Database v5.1	sdRain	Annual total rainfall heterogeneity	
	EG1000	Proportion of exotic grasslands at 1 km radius distance	
	MeanEG1000	Mean proportion of exotic grasslands at 1 km radius distance	
	EW1000	Proportion of exotic woody cover at 1 km radius distance	
	MeanEW1000	Mean proportion of exotic woody cover at 1 km radius distance	
	EG5000	Proportion of exotic grasslands at 5 km radius distance	
	MeanEG5000	Mean proportion of exotic grasslands at 5 km radius distance	
	EW5000	Proportion of exotic woody cover at 5 km radius distance	
	MeanEW5000	Mean proportion of exotic woody cover at 5 km radius distance	
	EG200	Proportion of exotic grasslands at 200 m radius distance	
	MeanEG200	Mean proportion of exotic grasslands at 200 m radius distance	
	EW200	Proportion of exotic woody cover at 200 m radius distance	
	MeanEW200	Mean proportion of exotic woody cover at 200 m radius distance	
	NG1000	Proportion of native grasslands at 1 km radius distance	
	MeanNG1000	Mean proportion of native grasslands at 1 km radius distance	
	NW1000	Proportion of native woody cover at 1 km radius distance	
	MeanNW1000	Mean proportion of native woody cover at 1 km radius distance	
	NG5000	Proportion of native grasslands at 5 km radius distance	
	MeanNG5000	Mean proportion of native grasslands at 5 km radius distance	
	NW5000	Proportion of native woody cover at 5 km radius distance	
	MeanNW5000	Mean proportion of native woody cover at 5 km radius distance	
	NG200	Proportion of native grasslands at 200 m radius distance	
	MeanNG200	Mean proportion of native grasslands at 200 m radius distance	

NW200	Proportion of native woody cover at 200 m radius distance
MeanNW200	Mean proportion of native woody cover at 200 m radius distance
Dist1000	Proportion of disturbed lands at 1 km radius distance
MeanDist1000	Mean proportion of disturbed lands at 1 km radius distance
Nnveg1000	Proportion of non-vegetated lands at 1 km radius distance
MeanNnveg1000	Mean proportion of non-vegetated lands at 1 km radius distance
Dist5000	Proportion of disturbed lands at 5 km radius distance
MeanDist5000	Mean proportion of disturbed lands at 5 km radius distance
Nnveg5000	Proportion of non-vegetated lands at 5 km radius distance
MeanNnveg5000	Mean proportion of non-vegetated lands at 5 km radius distance
Dist200	Proportion of disturbed lands at 200 m radius distance
MeanDist200	Mean proportion of disturbed lands at 200 m radius distance
Nnveg200	Proportion of non-vegetated lands at 200 m radius distance
MeanNnveg200	Mean proportion of non-vegetated lands at 200 m radius distance
