

(a)

Does warming alter the post-fire  
regeneration of tussock grass?

More greenhouse  
gases

Increased ambient  
temperature

Fire

Bare ground

Does warming alter the  
recruitment of shrubs post-fire?

Tussock grass

Does fire stimulate  
shrub recruitment?

Landscape  
flammability

More flammable fuel

Shrub  
establishment

Shrub seedling  
growth & survival

Does warming alter the growth  
and survival of shrub seedlings?

Does proximity to tussock  
affect the growth & survival of  
shrub seedlings?

(b)

More greenhouse  
gases

Increased ambient  
temperature

Fire

Bare ground

fire intervals  
< 20 years

Tussock grass

Landscape  
flammability

More flammable fuel

Shrub  
establishment

Shrub seedling  
growth & survival