

	Terms	Description	Functional form
	$p_{\mathrm{s}}(z_h,z_\omega)$	Probability of ramet survival	$logit^{-1}(\alpha + \beta_{z_h} + \beta_{z_\omega} + \beta_{z_h:z_\omega} +$
			$u_{\alpha s} + u_{z_h s} + u_{z_\omega s} + u_{\alpha y} + u_{z_h y} + u_{z_\omega y})$
	$G(z_h' \mid z_h, z_\omega)$	Growth	$\alpha + \beta_{z_h} + \beta_{z_\omega} + \beta_{z_h:z_\omega} +$
			$u_{\alpha s} + u_{z_h s} + u_{\alpha y} + u_{z_h y} + u_{z_\omega y} + N(0, \sigma^2)$
	$p_{ m f}(z_h,z_\omega)$	Probability of flowering	$logit^{-1}(\alpha + \beta_{z_h} + \beta_{z_\omega} + \beta_{z_h:z_\omega} +$
			$u_{\alpha s} + u_{\alpha u} + u_{z_1 u} + u_{z_2 u}$

 $(1 - p_{\omega})I(z_{\omega}) + p_{\omega} \ln N(\mu, \sigma^2)$

 $\ln N(\mu, \sigma^2)$

 $N(\mu, \sigma^2)$

Probability of seed recruitment

Herbivory distribution

Seed recruit distribution Bud recruit distribution

 $p_{\rm r}$

 $\rho_{\omega}(z_{\omega})$

 $\rho_S(z_h'')$

 $\rho_B(z_h^{\prime\prime})$