

	Terms	Description	Functional form
	$p_{ m s}(z_h,z_\omega)$	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	$logit^{-1}(\alpha + \beta_{z_h} + \beta_{z_\omega} + \beta_{z_h:z_\omega} +$
			$u_{\alpha s} + u_{\alpha u} + u_{z_{r} u} + u_{z_{r} u}$

 $exp(\alpha + \beta_{z'_h} + \beta_{z'_h:z_\omega} + u_{\alpha s} + u_{z'_hs} + u_{\alpha y} + u_{z_\omega y})$ $N_{\rm pods}\left(z_h',z_\omega\right)$ Number of pods $N_{\text{seeds/pod}}$ Number of seeds per pod Number of buds per stem $\alpha + \beta_{z_{\cdots}}$ $N_{\rm buds/stem}(z_{\omega})$

Probability of seed recruitment $p_{\rm r}$

Bud recruit distribution

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

 $(1 - p_{\omega})I(z_{\omega}) + p_{\omega} \ln N(\mu, \sigma^2)$ Herbivory distribution $\rho_{\omega}(z_{\omega})$ $\ln N(\mu, \sigma^2)$ $\rho_S(z_h'')$ Seed recruit distribution

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