

 $p_{\rm r}\rho_S(z_h'')N_{\rm seeds/pod} \int \int N_{\rm pods}(z_h',z_\omega) n_{t+\tau}(z_h',z_\omega) dz_h' dz_\omega$

Functional form

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

 $\frac{1}{\ln N(\mu, \sigma^2)}$

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

Sexual pathway $n_{t+\tau}(z_h', z_\omega) = \int p_{s}(z_h, z_\omega) G(z_h' \mid z_h, z_\omega) p_{f}(z_h, z_\omega) \rho_\omega(z_\omega) n_t(z_h) dz_h$

Description

Probability of seed recruitment

Herbivory distribution

Seed recruit distribution

Bud recruit distribution

Terms

 $p_{\rm r}$

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

 $\rho_S(z_h'')$

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

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	$p_{ m s}(z_h,z_\omega)$	Probability of ramet survival	$logit^{-1}(\alpha + \beta_{z_h} + \beta_{z_\omega} + u_{\alpha s} + u_{z_h s} + u_{\alpha y} + u_{z_h y})$
	$G(z_h' z_h, z_\omega)$	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	$logit^{-1}(\alpha + \beta_{z_h} + \beta_{z_\omega} + \beta_{z_h:z_\omega} + u_{\alpha s} + u_{\alpha y} + u_{z_h y} + u_{z_\omega y})$
	$N_{\mathrm{pods}}\left(z_{h}^{\prime},z_{\omega}\right)$	Number of pods	$exp(\alpha + \beta_{z'_h} + \beta_{z_\omega} + u_{\alpha s} + u_{\alpha y} + u_{z'_h:z_\omega y} + u_{z_\omega y})$
	$N_{\rm seeds/pod}$	Number of seeds per pod	α
	$N_{ m buds/stem}(z_{\omega})$	Number of buds per stem	$exp(\alpha + \beta_{z_{\omega}})$