$$n_{t+1}(z'_h) = \underbrace{p_{\mathrm{r}}\rho_S(z'_h)N_{\mathrm{seeds/pod}}\int\int\int\int N_{\mathrm{pods}}(\cdot)p_{\mathrm{s}}(\cdot)p_{\mathrm{f}}(\cdot)\rho_\omega(z_\omega)\rho_c(z_c)\rho_l(z_l)n_t(z_h)\,dz_h dz_\omega dz_c dz_l}_{\text{Sexual pathway}} +$$

$$\underbrace{\rho_B(z'_h)\int\int N_{\mathrm{sprouts/stem}}(z_c)\rho_c(z_c)n_t(z_h)\,dz_h dz_c}_{\text{Clonal pathway}}$$

Terms	Description	Functional Form
$p_{\mathrm{f}}(z_h, z_\omega, z_c)$	Probability of flowering	$logit^{-1}(\alpha + \beta_{z_h} + \beta_{z_\omega} + \beta_{z_c})$
$p_{\mathrm{s}}(z_h, z_\omega, z_c, z_l)$	Probability of ramet survival	$logit^{-1}(\alpha + \beta_{z_h} + \beta_{z_\omega} + \beta_{z_c} + \beta_{z_l})$
$N_{\mathrm{pods}}(z_h, z_\omega, z_c, z_l)$	Number of seed pods	$exp(\alpha + \beta_{z_h} + \beta_{z_\omega} + \beta_{z_c} + \beta_{z_l})$
$N_{\mathrm{seeds/pod}}$	Number of seeds per pod	α
p_{r}	Probability of seedling recruitment	α
$\rho_S\,(z'_h)$	Distribution of seedling height	$N(\mu, \sigma^2)$
$N_{\mathrm{sprouts/stem}}(z_c)$	Number of clonal sprouts per stem (per capita clonal reproduction)	$exp(\alpha + \beta_{z_c})$
$\rho_B\,(z'_h)$	Distribution of clonal sprout height	$N(\mu, \sigma^2)$
$\rho_\omega(z_\omega)$	Herbivory distribution	$(1 - p_\omega)I(z_\omega) + p_\omega \ln N(\mu, \sigma^2)$
$\rho_c(z_c)$	Cardenolide distribution	$N(\mu, \sigma^2)$
$\rho_l(z_l)$	LMA distribution	$N(\mu, \sigma^2)$