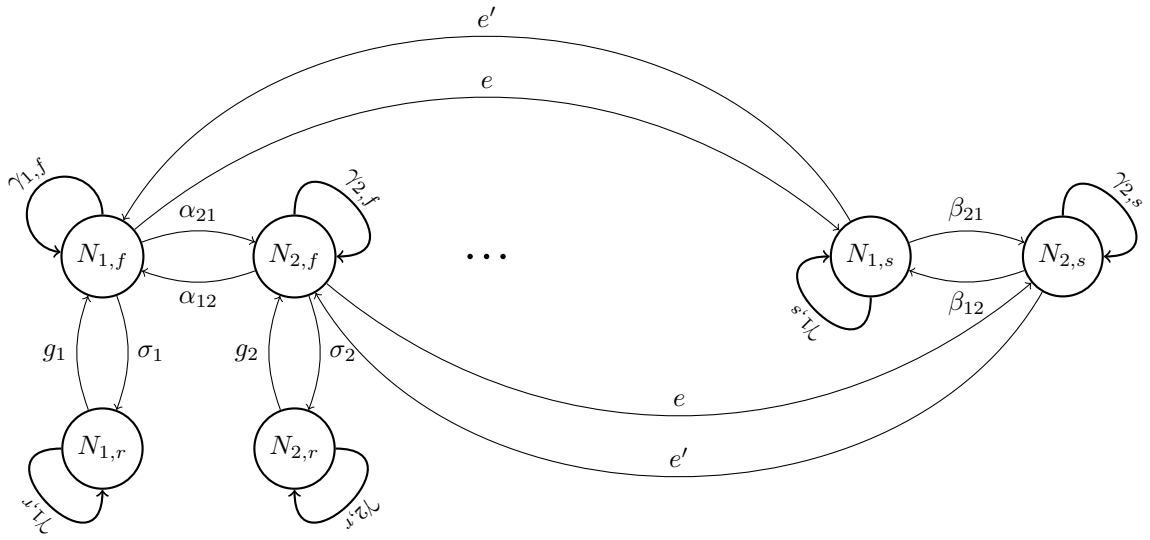
Parameter	Description	Value
$N_{i,.}$	Abundance or biomass (?) of species i. Either free-floating (f), resting (r) or at sea (s)	NA
α_{ij}, β_{ij}	Interaction effect of species j on species i, with $\alpha \ll \beta$	
$\gamma_{i,.}$	intrinsic growth rate/survival (??) of species i	
g_i	germination and resuspension rate of species i	
σ_i	seed production and sedimentation rate of species i	
e, e'	exchange rate between coast and ocean	

Table 1: Summary of parameters



There is 2 transfer rates; $(5S + S^2)$ parameters. Assuming we have 10 species, that's already 152!

Seed survival is actually a composite of survival, and resistance to predation, senescence, deep burial (Cacéres et al. 1997)

We have $\gamma =$