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| **Component** | **Parameter** | **Type** | **Description** |
| **Growth:** Smoothed piecewise linear model, discretized to a transition matrix. |  | fixed | Growth intercept |
|  | fixed | Immature growth slope |
| Form: |  | fixed | Adolescent growth slope |
|  | fixed | Transition size immature-adolescent |
|  | fixed | Window width around transition size |
|  | fixed | Growth error |
| **Recruitment:** Annual instar size distribution |  | random | Annual recruitment scaling coefficients |
|  |  | random | Annual recruitment mean sizes |
|  | fixed | Error parameter for recruitment size distribution |
|  |  | fixed | Mean of annual scaling coefficients |
|  | fixed | Standard error of annual scaling coefficients |
|  |  | fixed | Mean of recruitment sizes |
|  | fixed | Standard error of recruitment sizes |
| **Maturity:** |  |  |  |
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