

State variable	Dimensions	Index	Size	Available elements
<b><i>R</i></b>	Resource element	$i_r$	$I_r$	DIC, PO <sub>4</sub> , Fe
<b><i>B</i></b>	Plankton class	$j$	$J$	1, 2, ..., $J$
	Cellular quota	$i_b$	$I_b$	C, P, Fe, Chl
<b><i>D</i></b>	Organic matter size class	$k$	$K$	DOM, POM
	Detrital nutrient element	$i_d$	$I_d$	C, P, Fe