4. Phosphorus flow		
flow uptake of PO ₄ ⁻² by living organisms (balanced by nearly equal rates of loss of phosphorus from living organisms by excretion and		magnitude [10 ¹² kg(P)/yr]
death)		
	continental	0.2
	marine	1.0
extraction of PO_4^{-2} from sediment for	or fertilizer.	0.02
detergents, etc. (1980)	, , , , , , , , , , , , , , , , , , , ,	010
phosphorus in river flow to the sea		0.02
rate of guano deposition on land		0.0004
rate of extraction of phosphorus fro in harvested fish (1980)	m the sea	0.0004