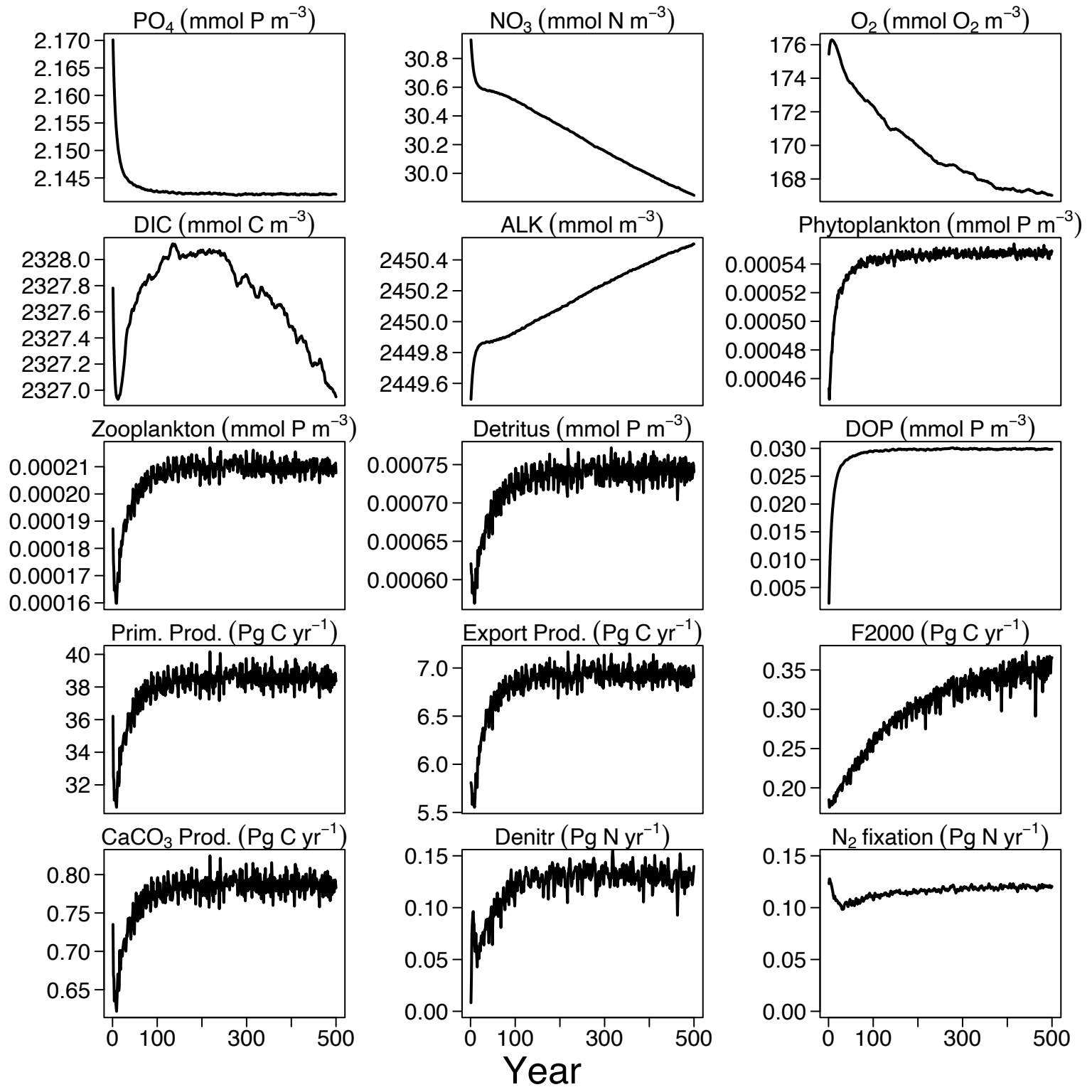
PO4 (mmol P m−3)
2.170
2.165
2.160
2.155
2.150
2.145
NO3 (mmol N m−3)
30.8
30.6
30.4
30.2
30.0
O2 (mmol O2 m−3)
176
174
172
170
168
DIC (mmol C m−3)
2328.0
2327.8
2327.6
2327.4
2327.2
2327.0
ALK (mmol m−3)
2450.4
2450.2
2450.0
2449.8
2449.6
Phytoplankton (mmol P m−3)
0.00054
0.00052
0.00050
0.00048
0.00046
Zooplankton (mmol P m−3)
0.00021
0.00020
0.00019
0.00018
0.00017
0.00016
Detritus (mmol P m−3)
0.00075
0.00070
0.00065
0.00060
DOP (mmol P m−3)
0.030
0.025
0.020
0.015
0.010
0.005
Prim. Prod. (Pg C yr−1)
40
38
36
34
32
Export Prod. (Pg C yr−1)
7.0
6.5
6.0
5.5
F2000 (Pg C yr−1)
0.35
0.30
0.25
0.20
CaCO3 Prod. (Pg C yr−1)
0.80
0.75
0.70
0.65
Denitr (Pg N yr−1)
0.15
0.10
0.05
0.00
N2 fixation (Pg N yr−1)
0.15
0.10
0.05
0.00
0
100
300
500
Year