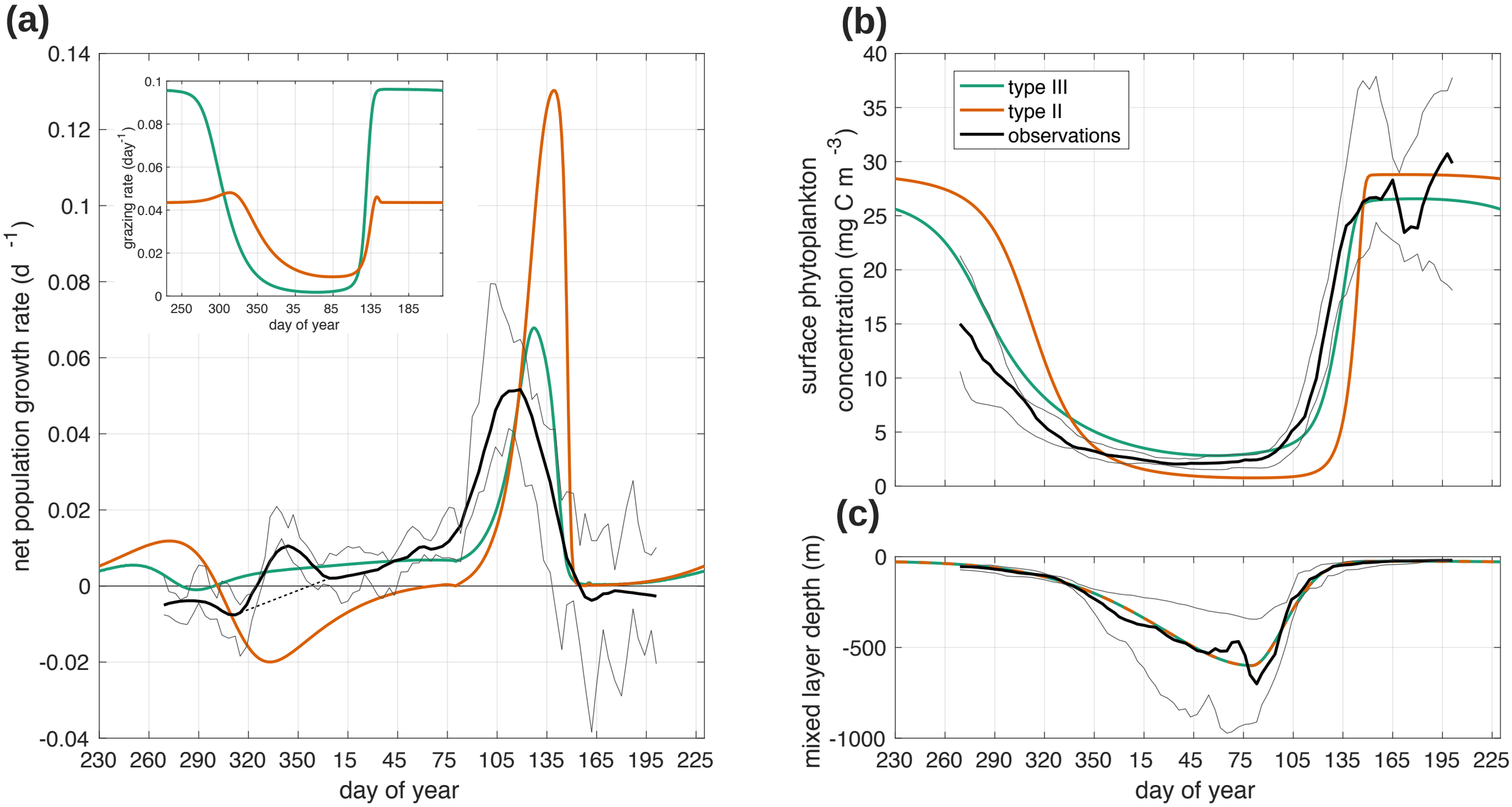
(a)
net population growth rate (d -1)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
-0.04
230 260 290 320 350 15 45 75 105 135 165 195 225
day of year
grazing rate (day-1)
0.1
0.08
0.06
0.04
0.02
0
250 300 350 35 85 135 185
day of year
(b)
surface phytoplankton concentration (mg C m -3)
40
35
30
25
20
15
10
5
0
type III
type II
observations
(c)
mixed layer depth (m)
0
-500
-1000
230 260 290 320 350 15 45 75 105 135 165 195 225
day of year