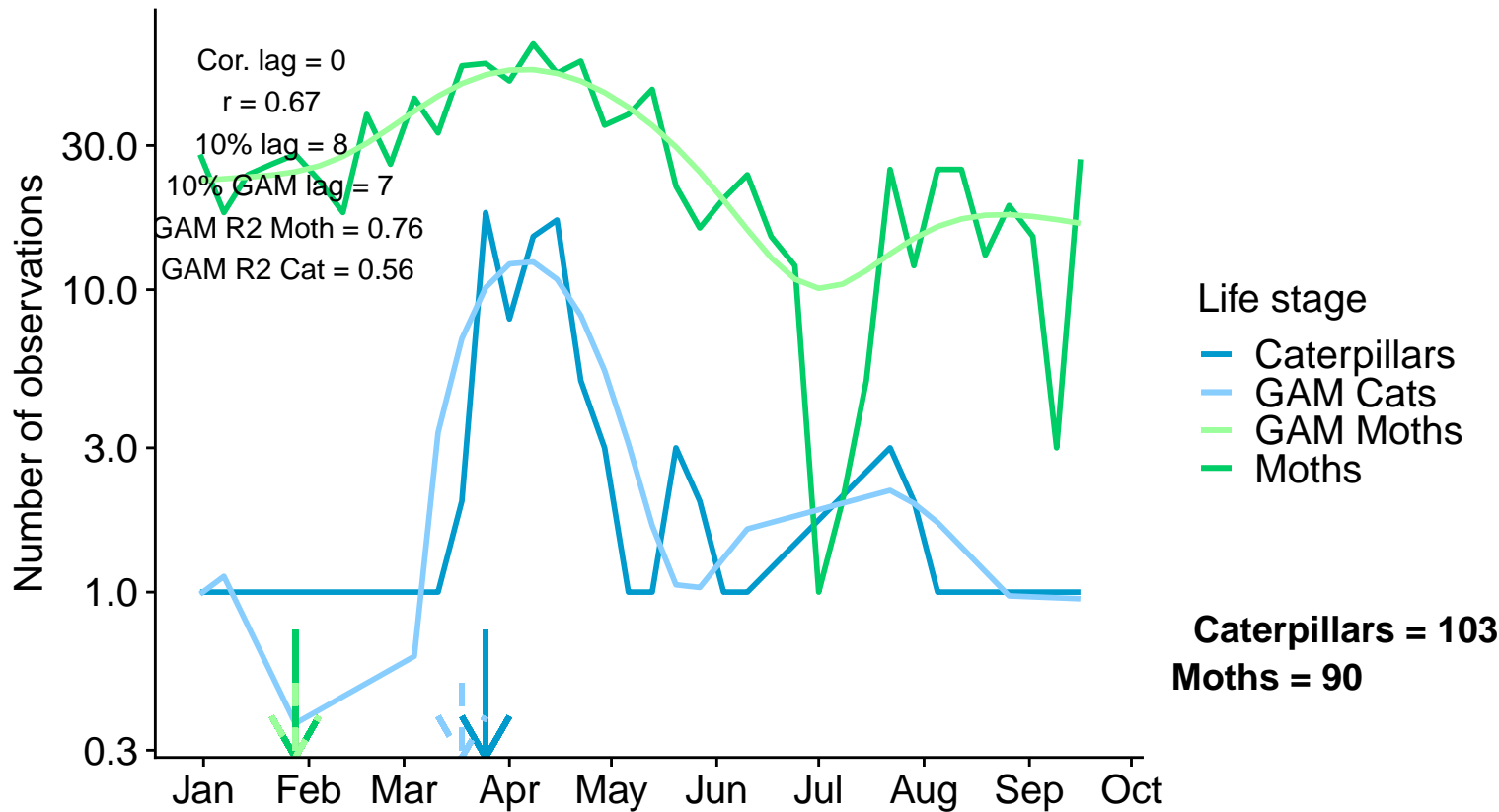
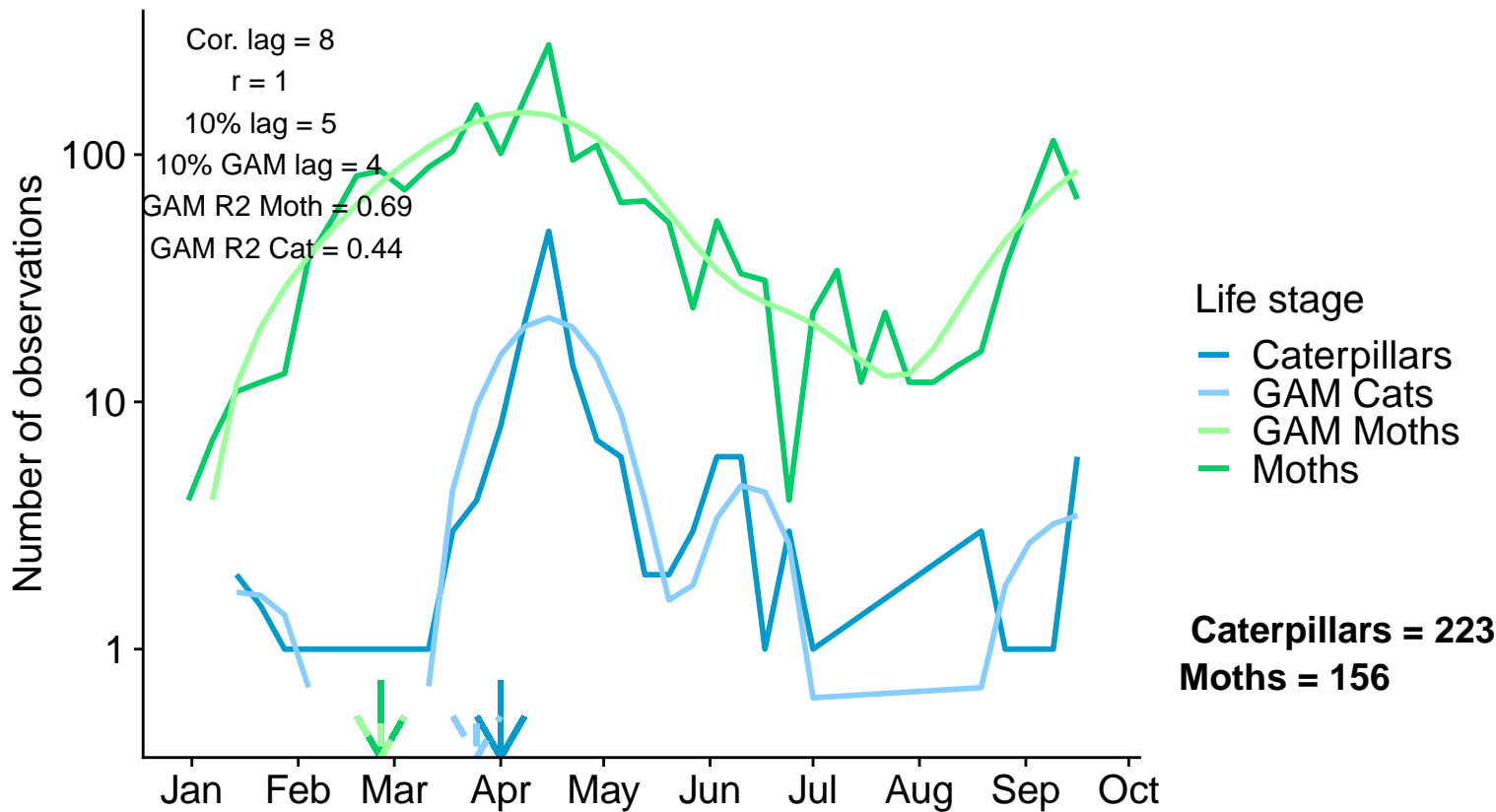


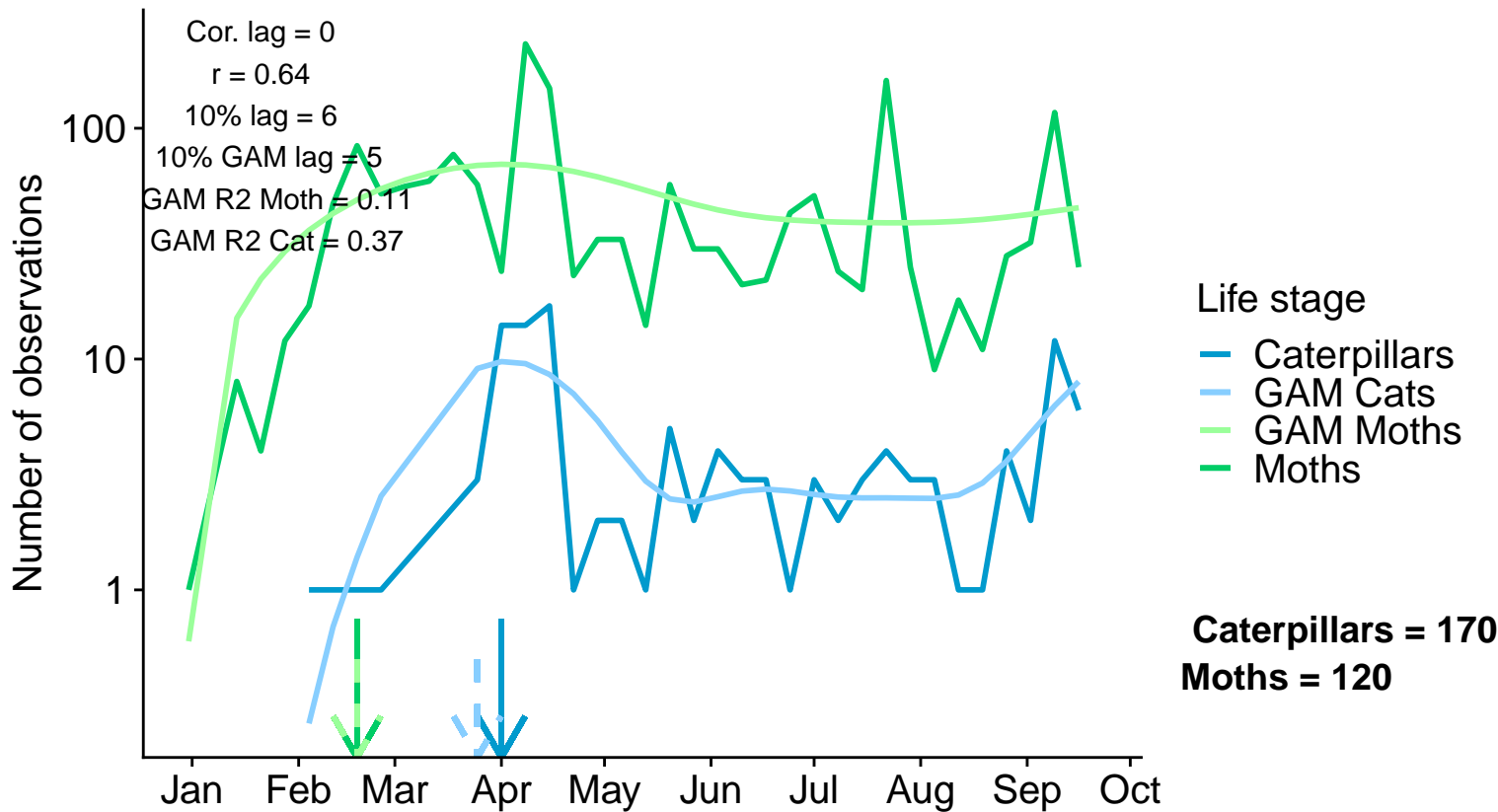
29, -95



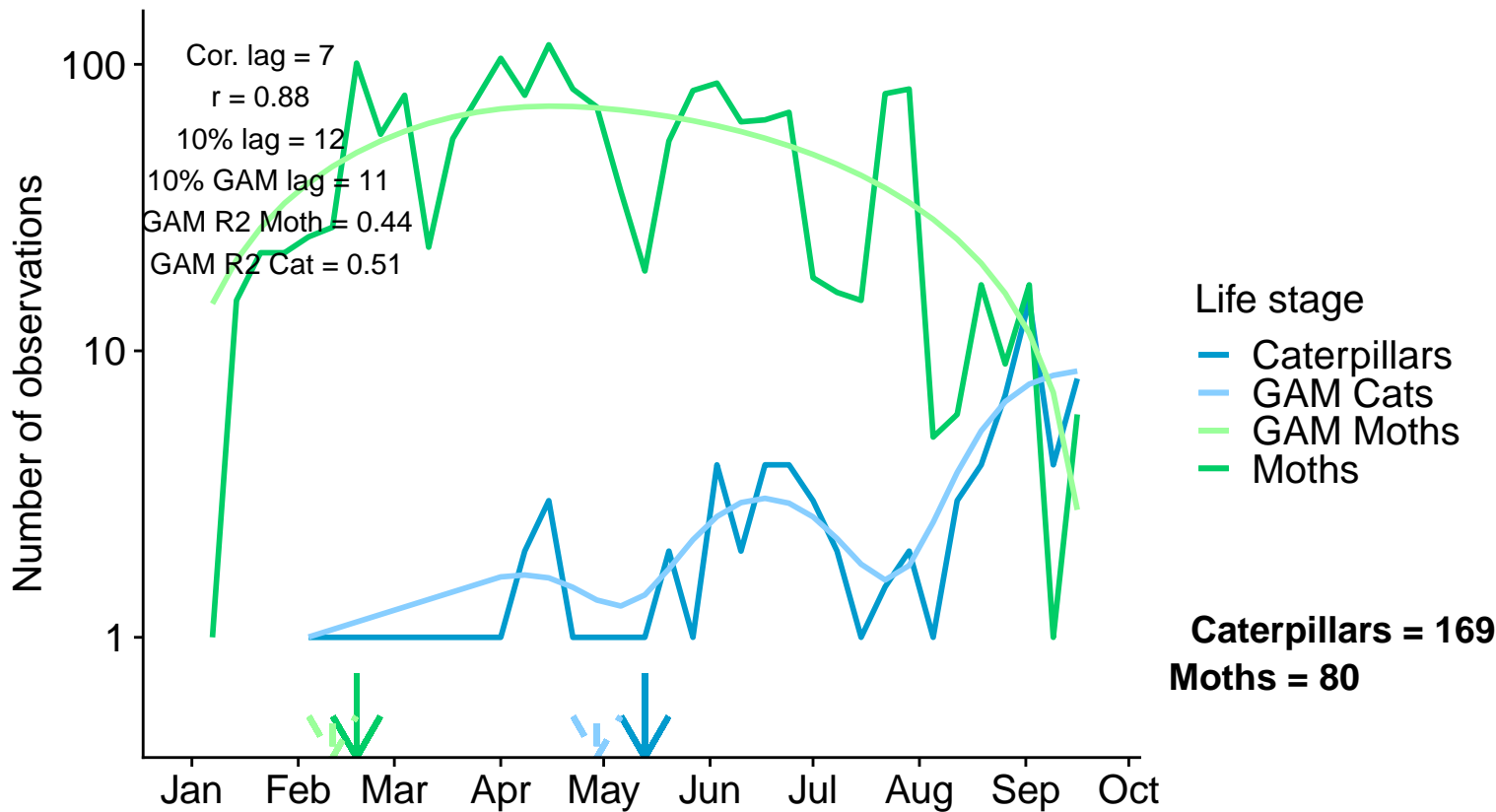
31, -97



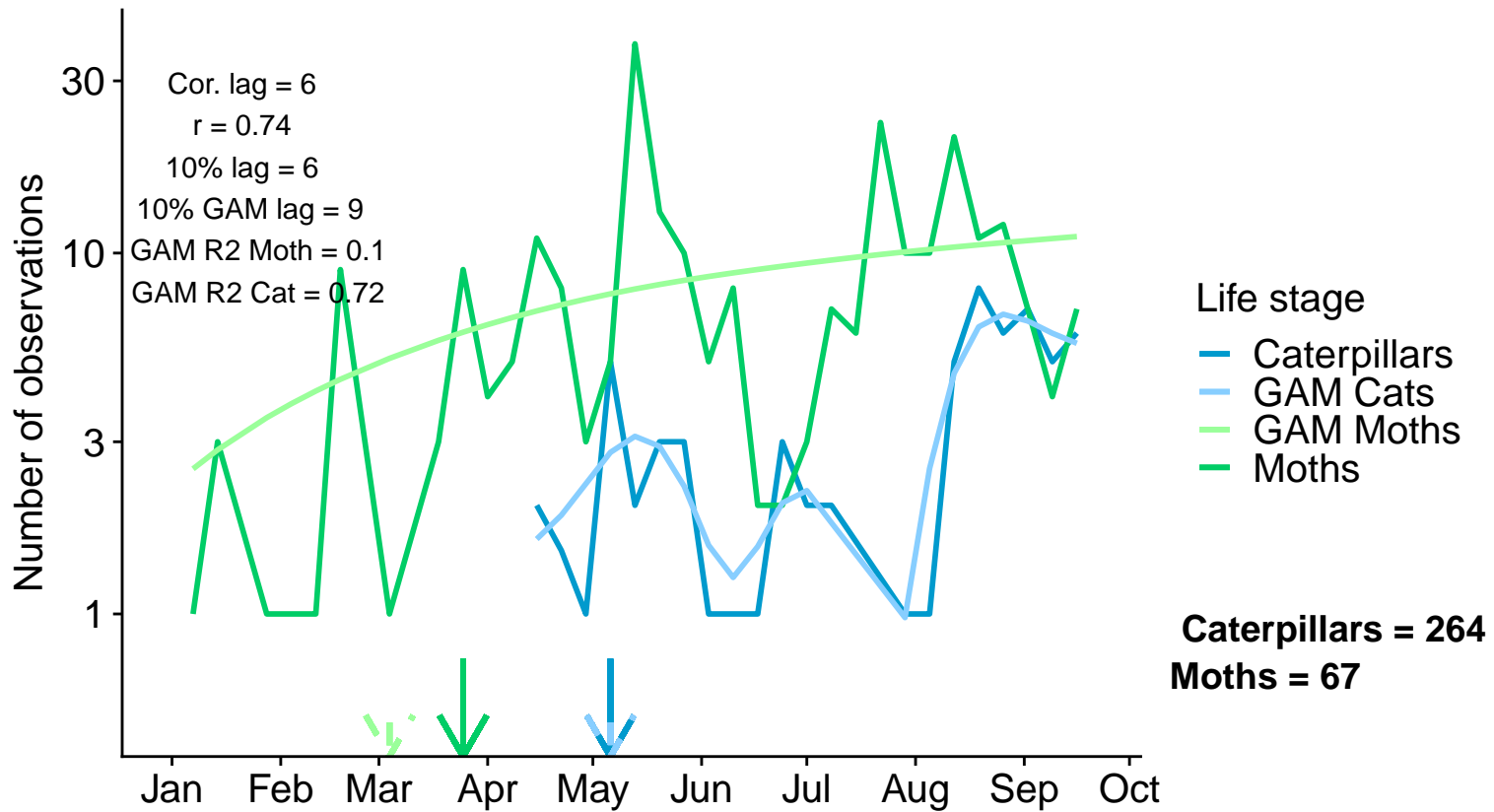
33, -97



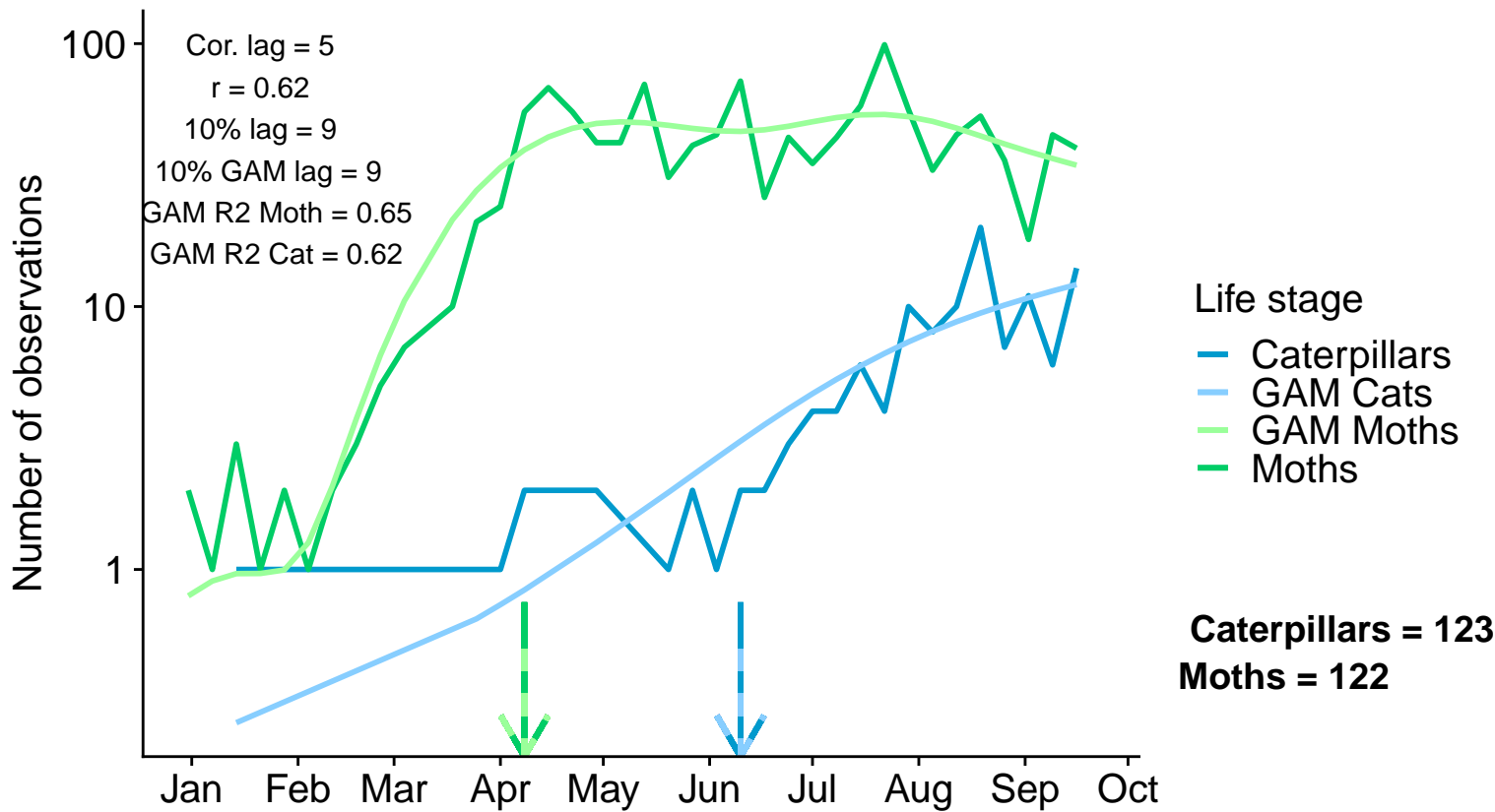
33, -87



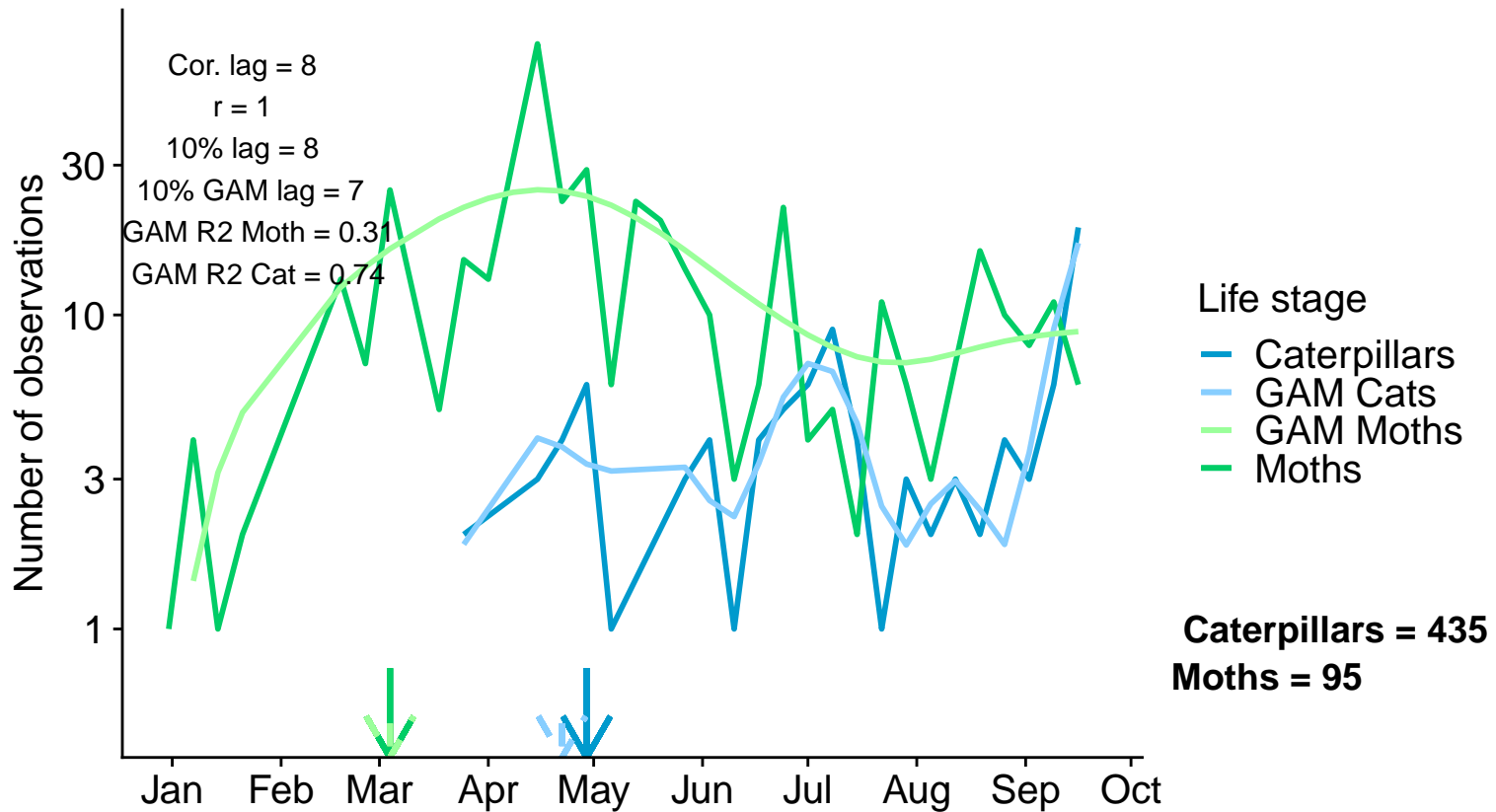
35, -85



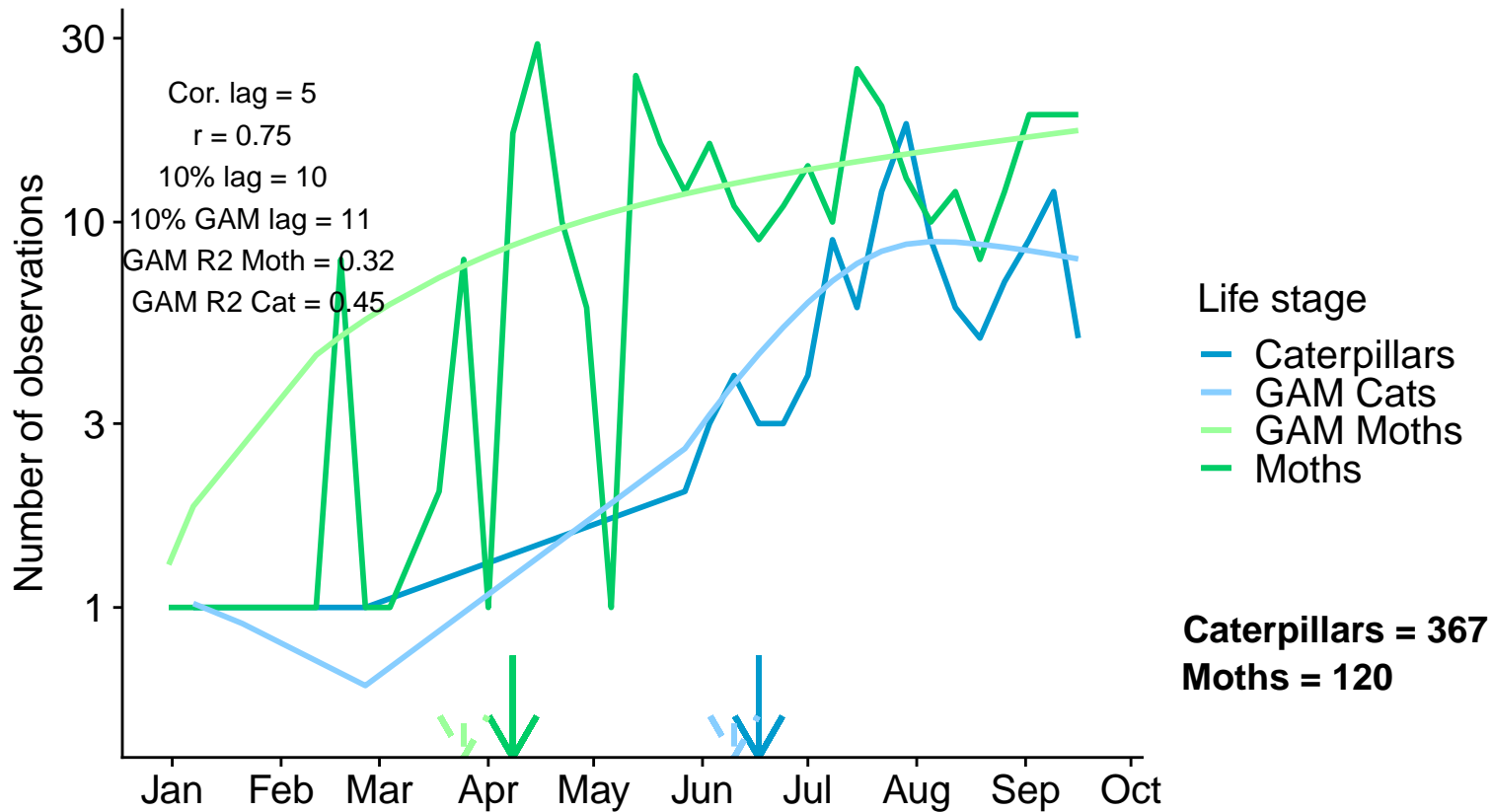
35, -83



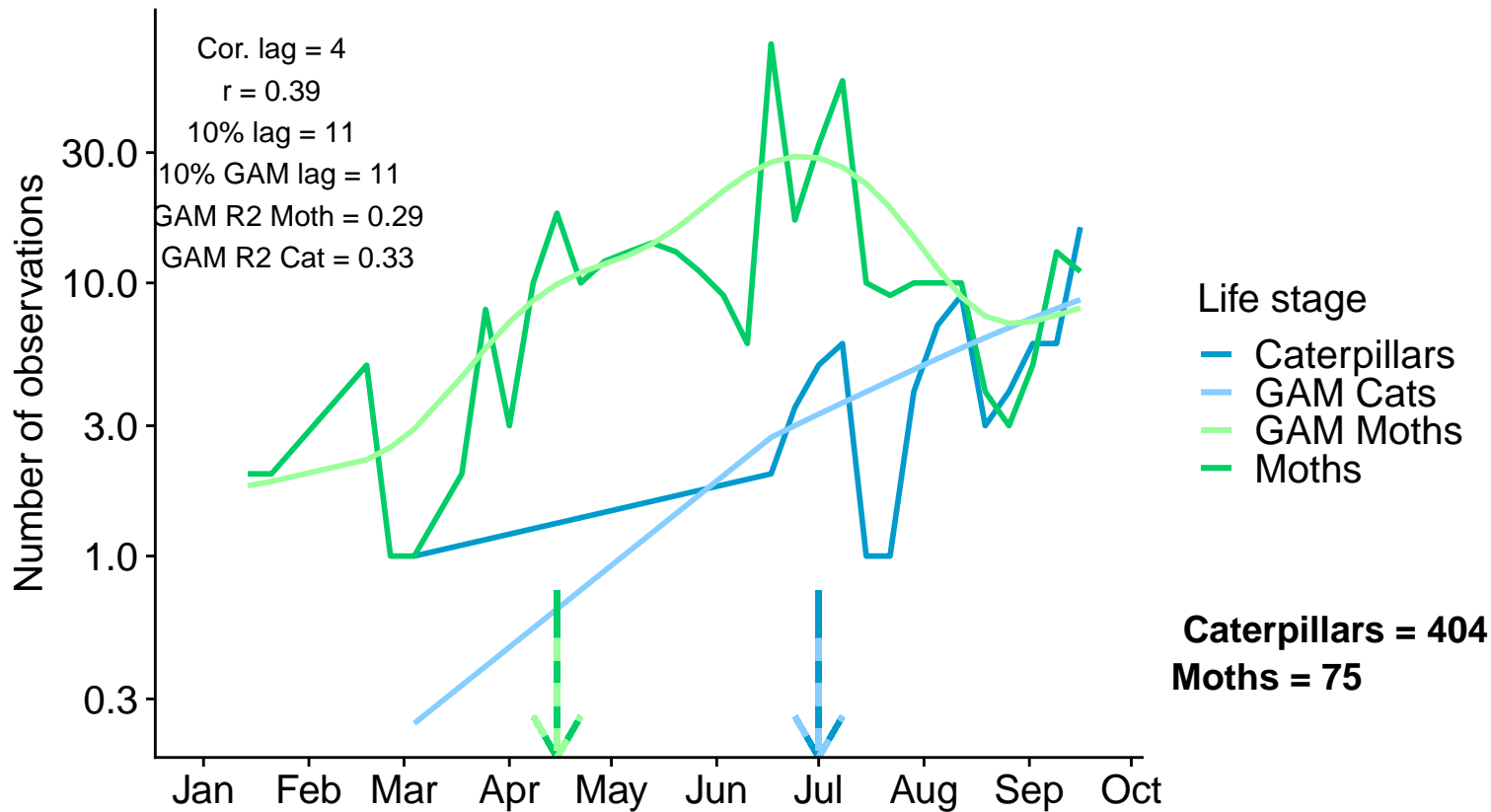
35, -79



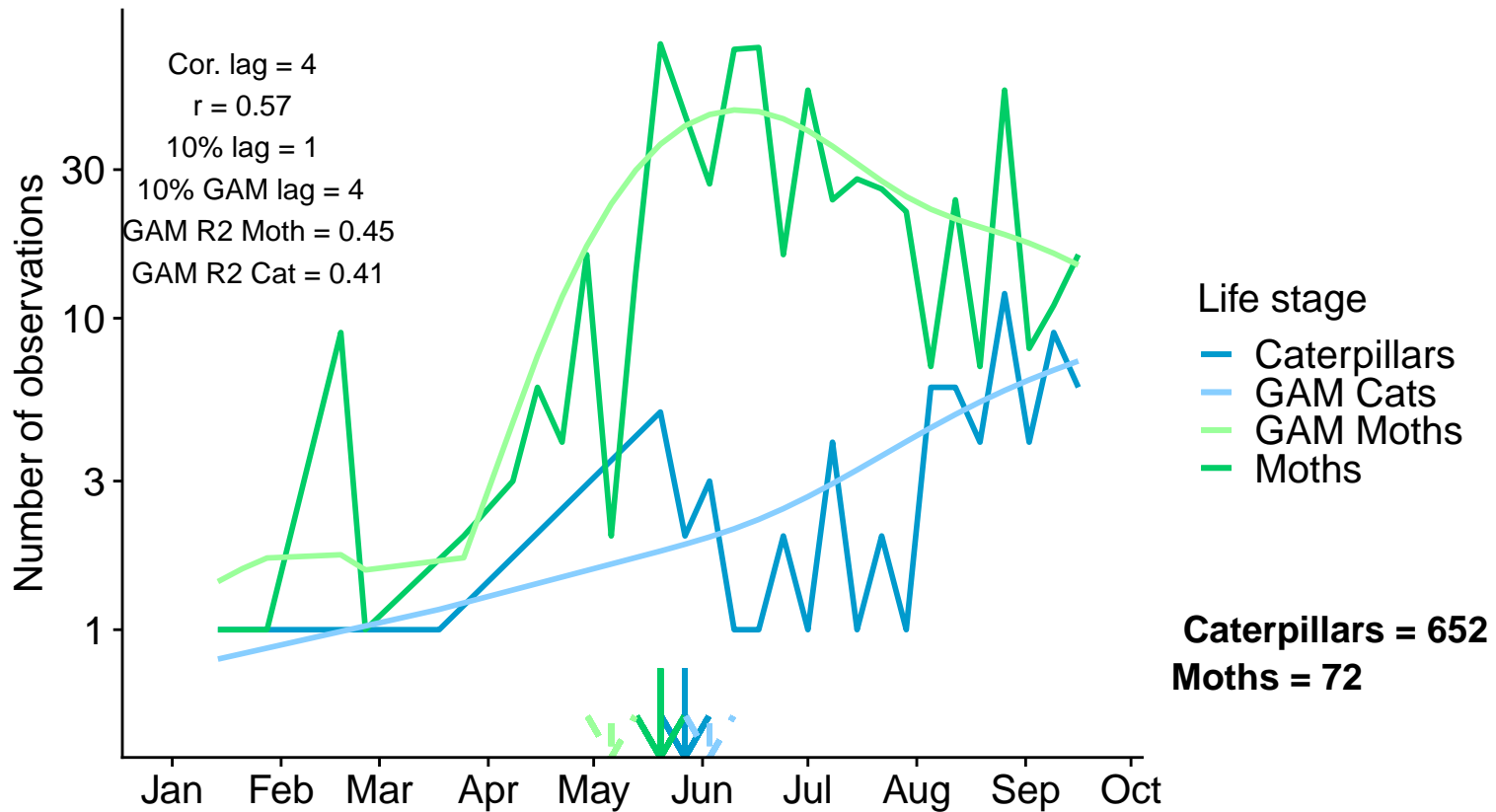
39, -85



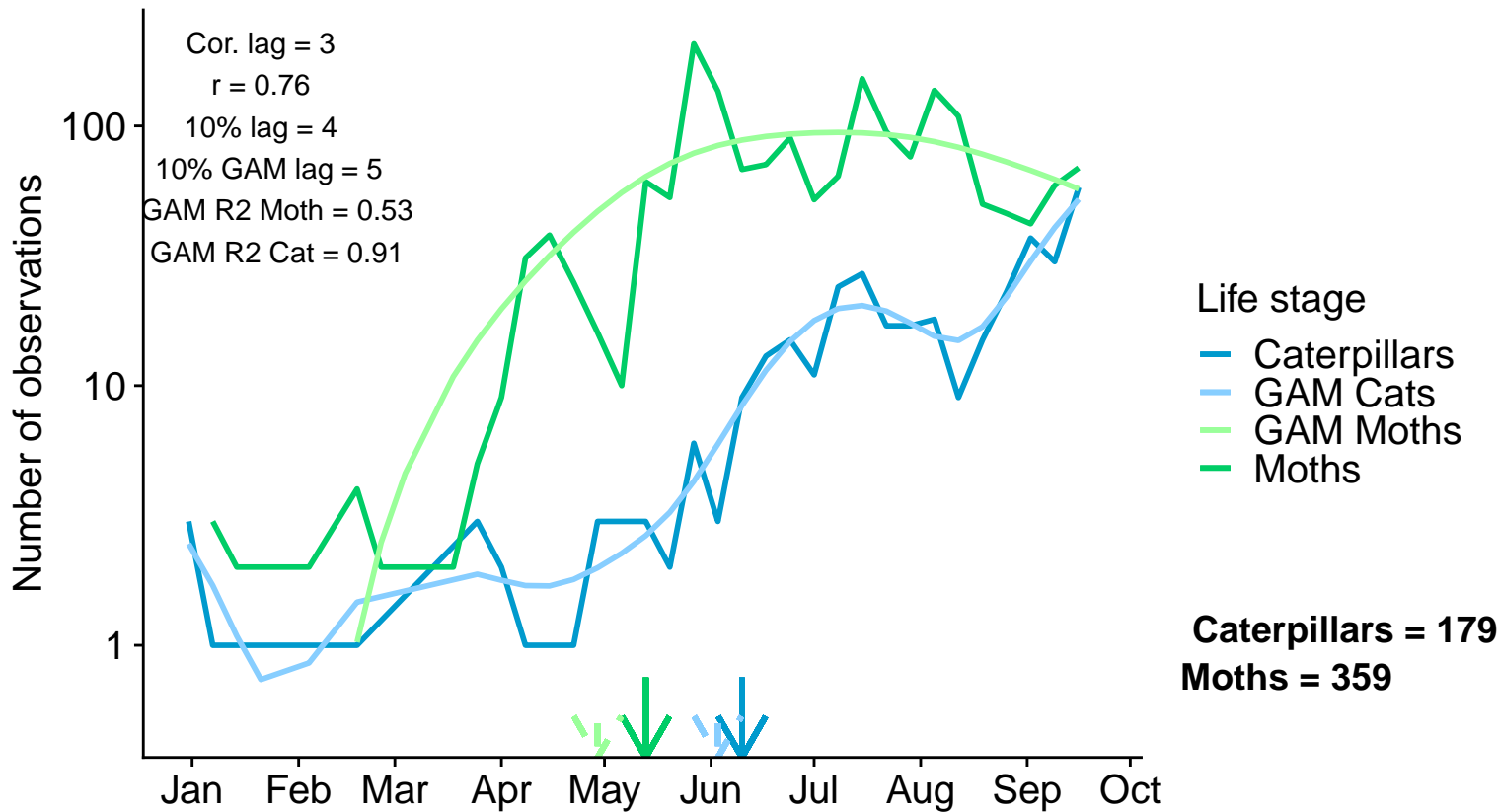
39, -83



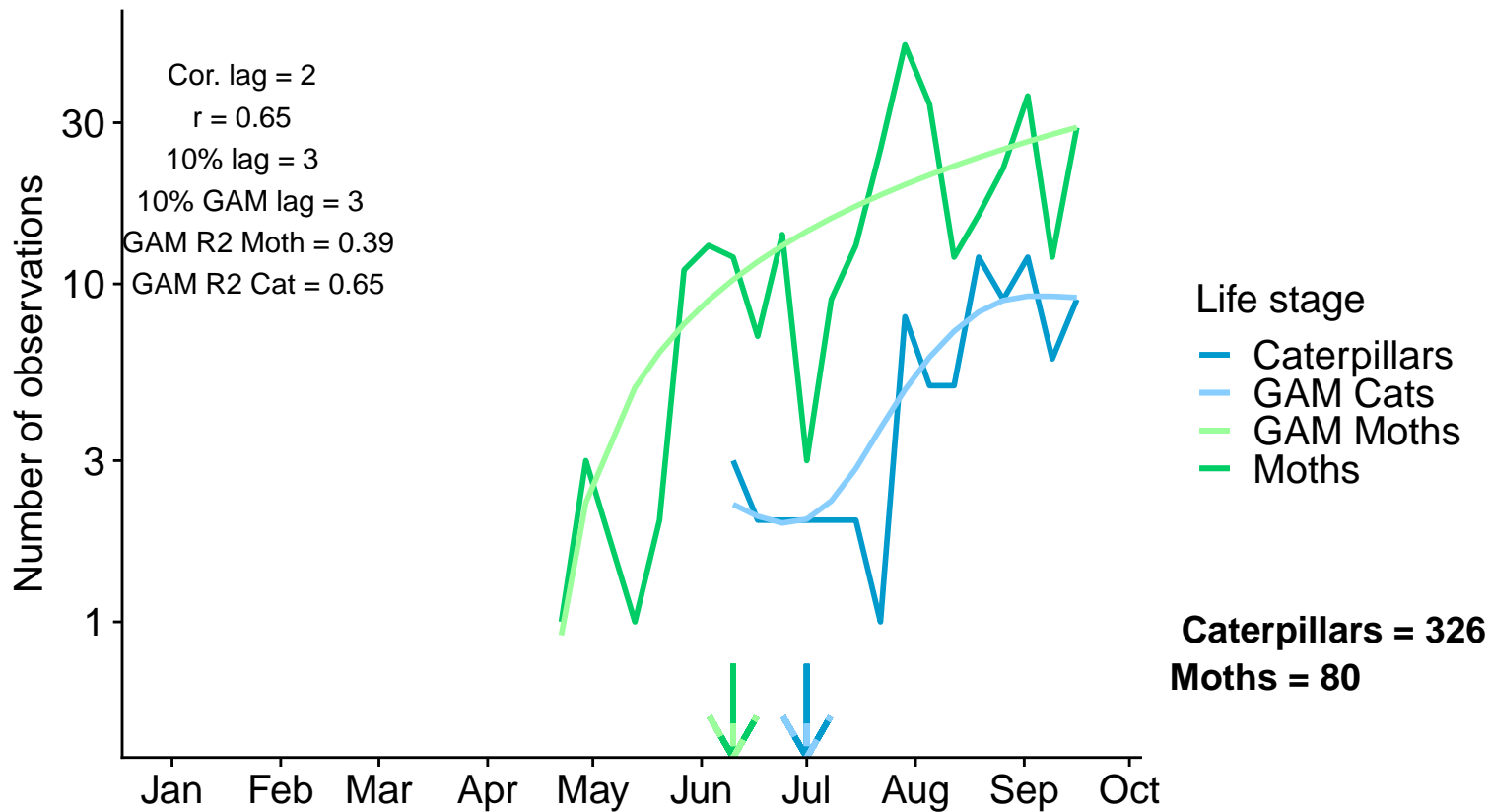
39, -79



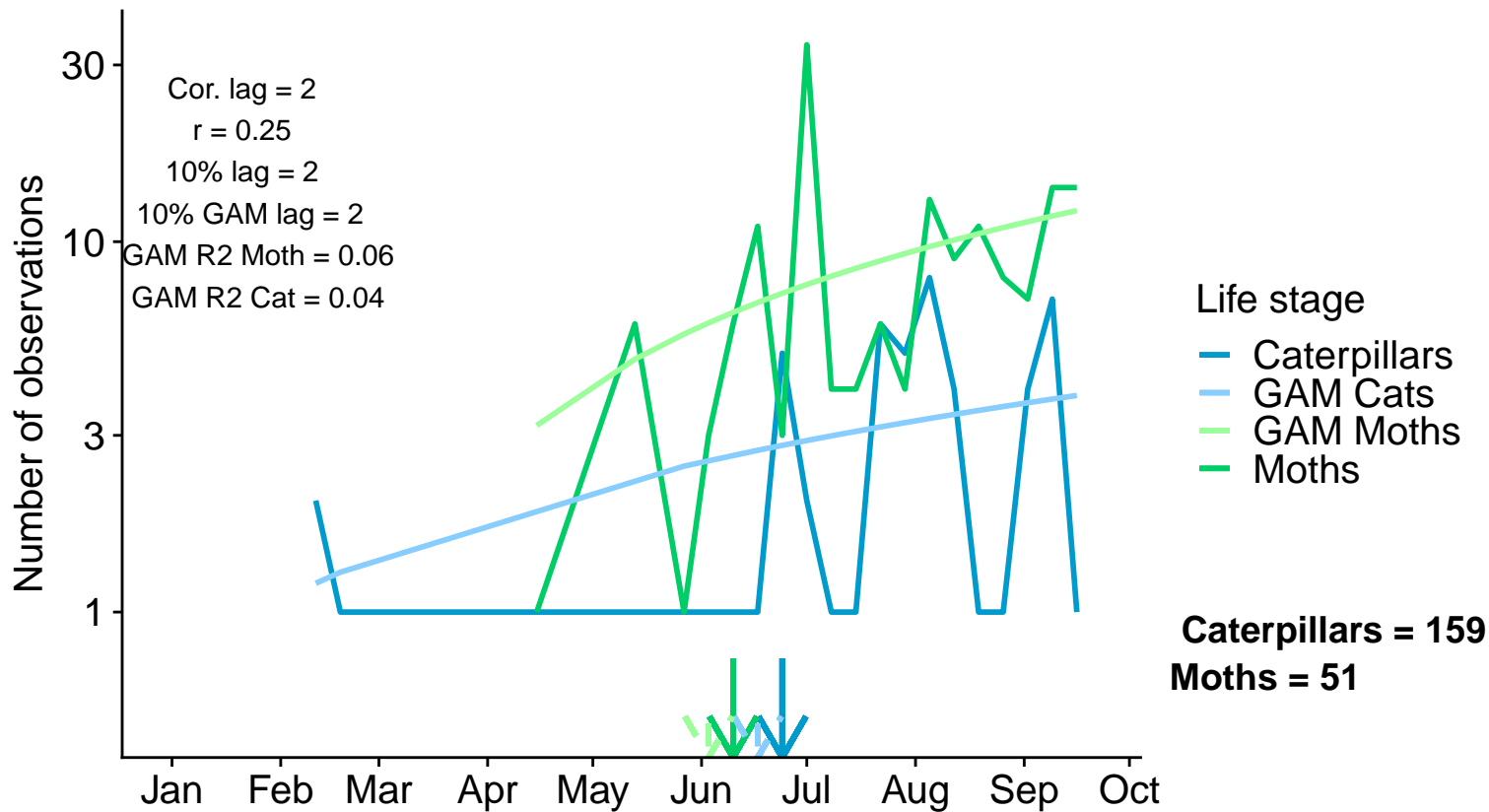
39, -77



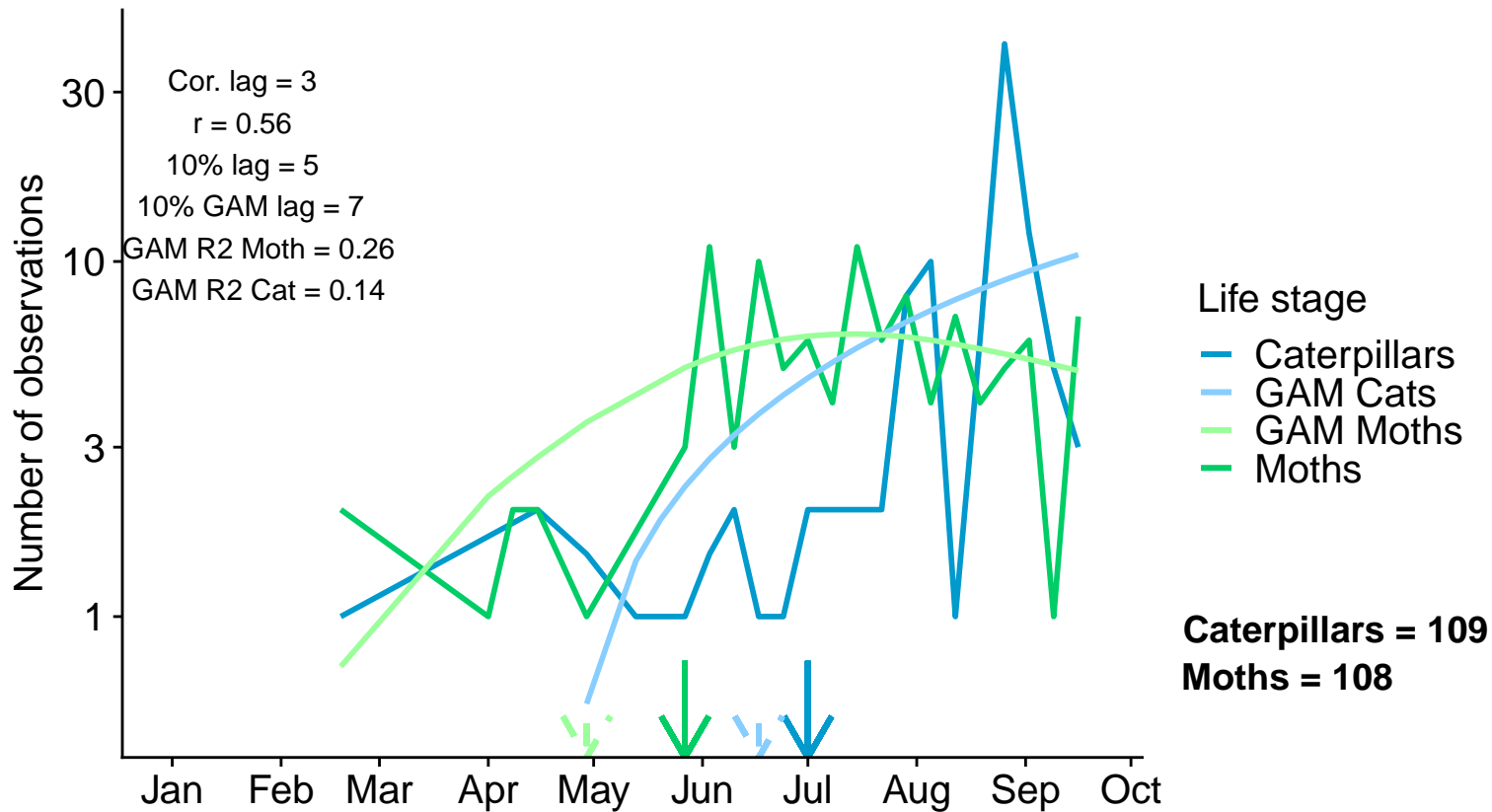
39, -75



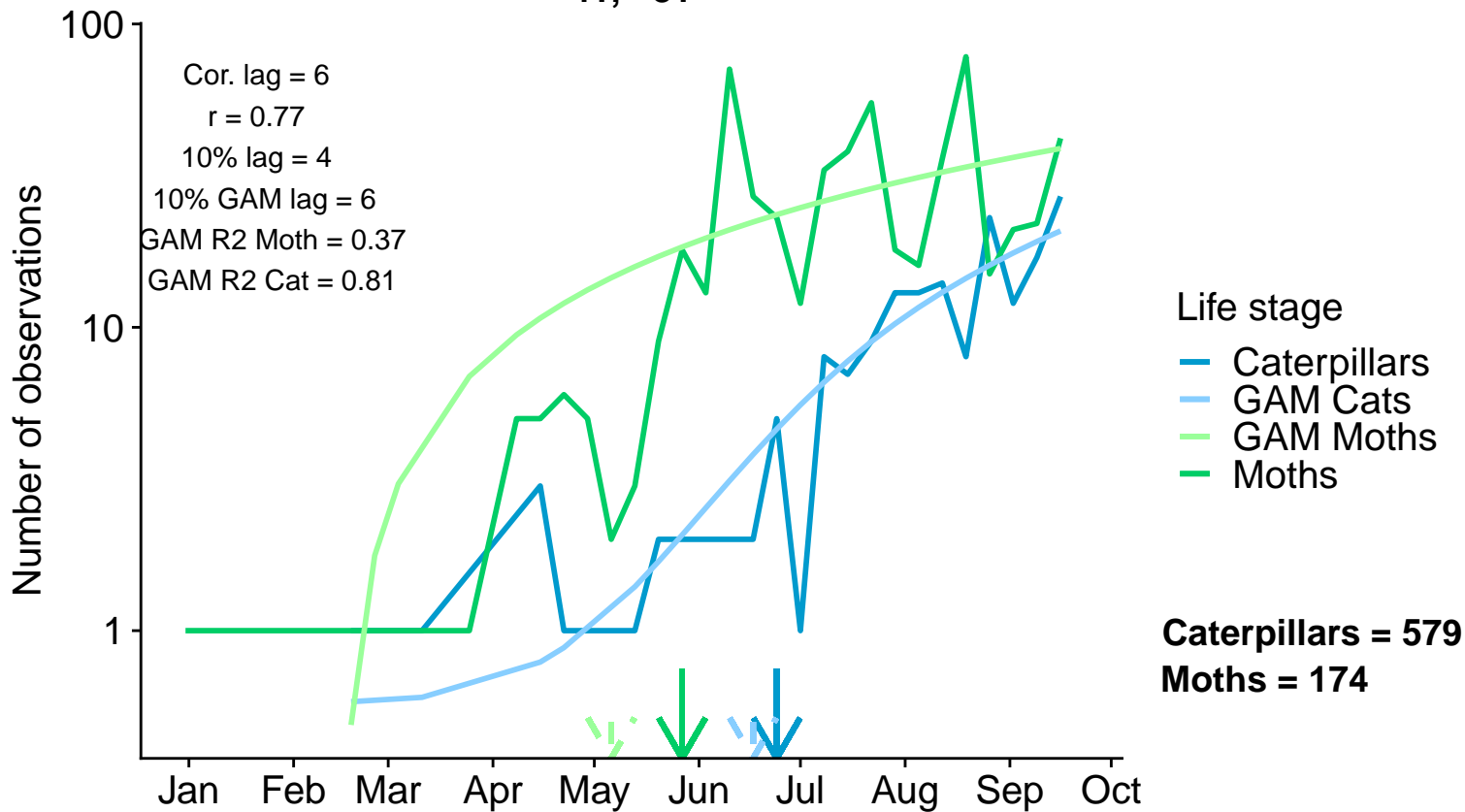
41, -89



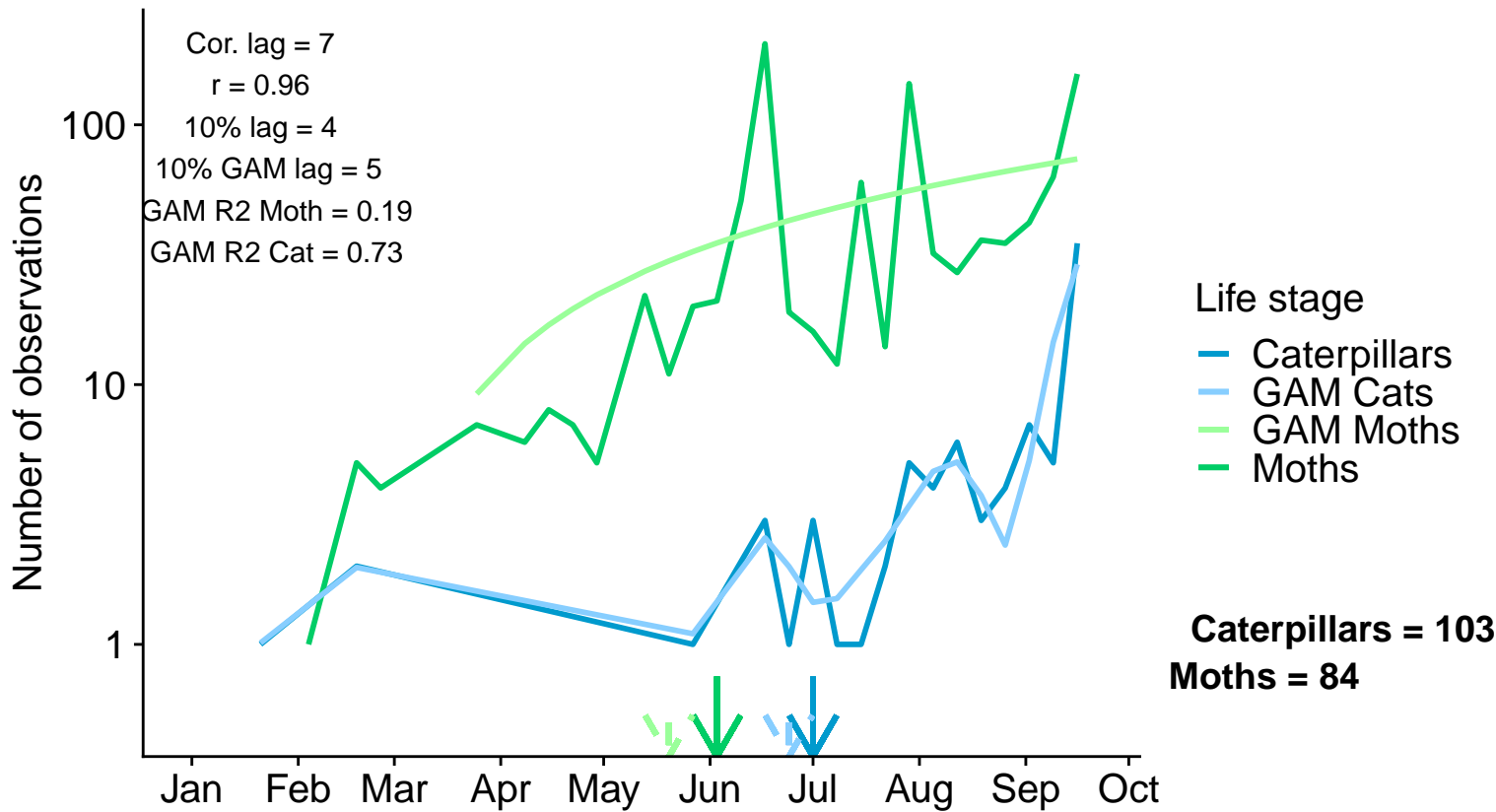
41, -87



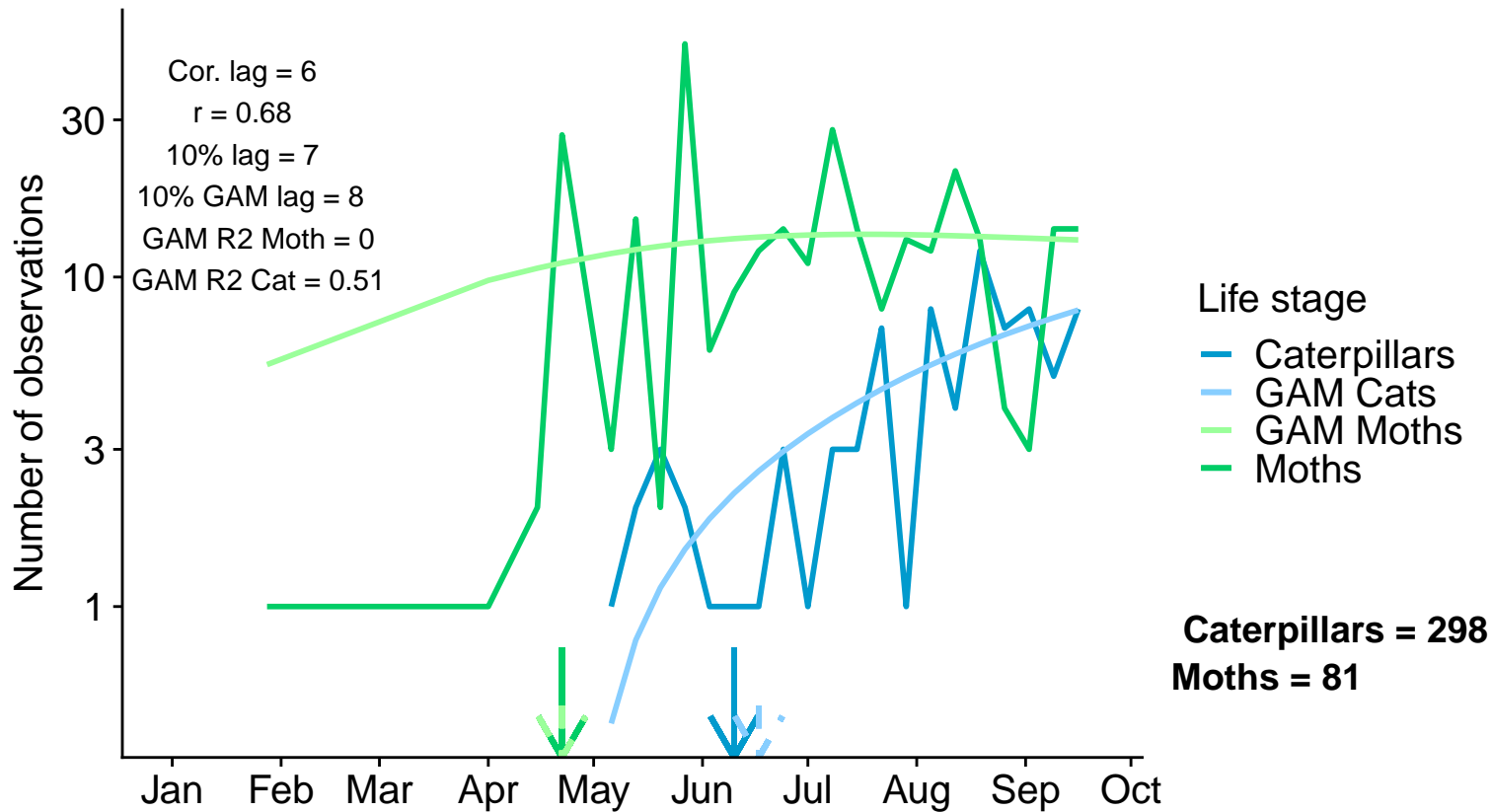
41, -81



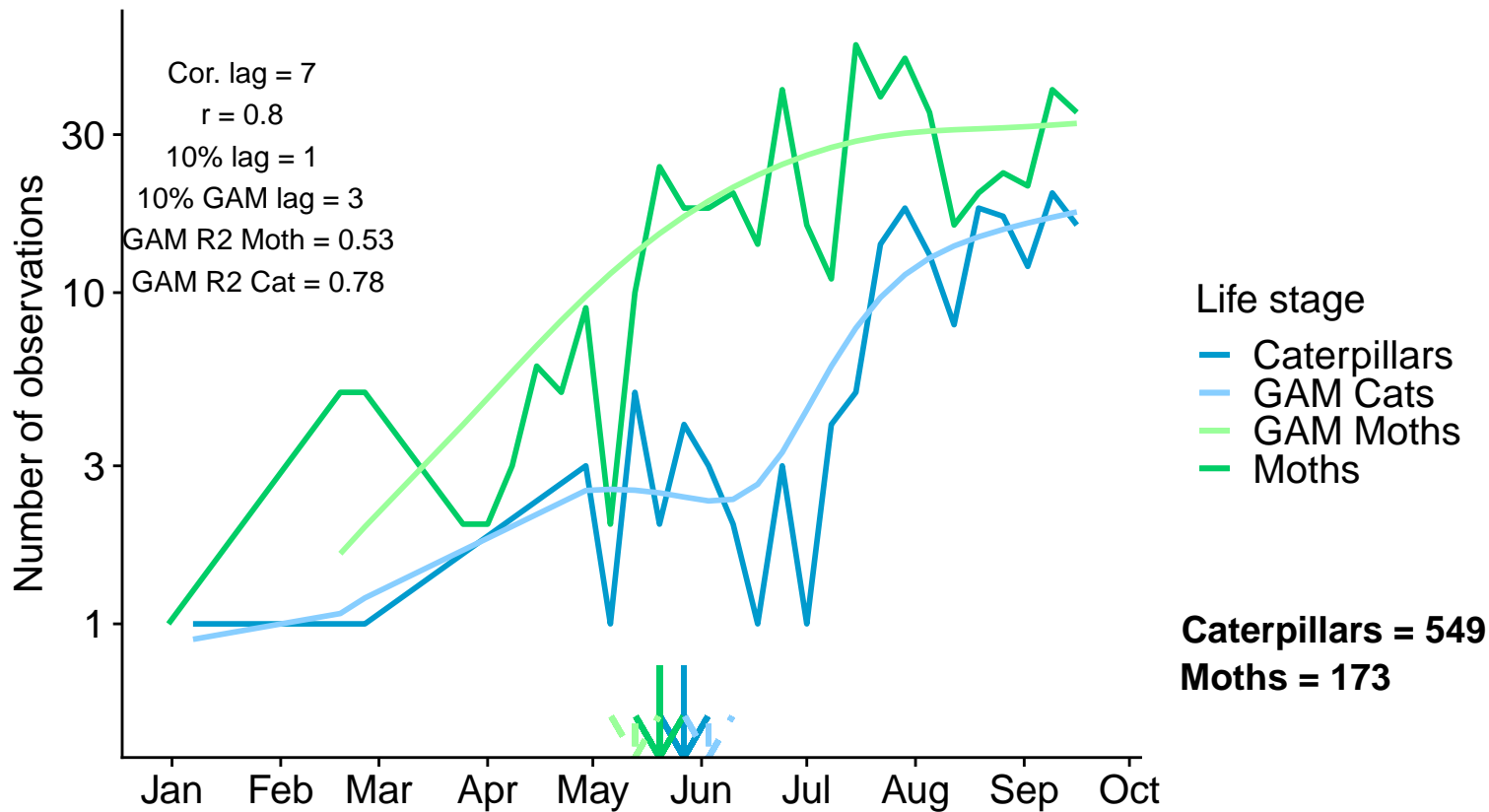
41, -79



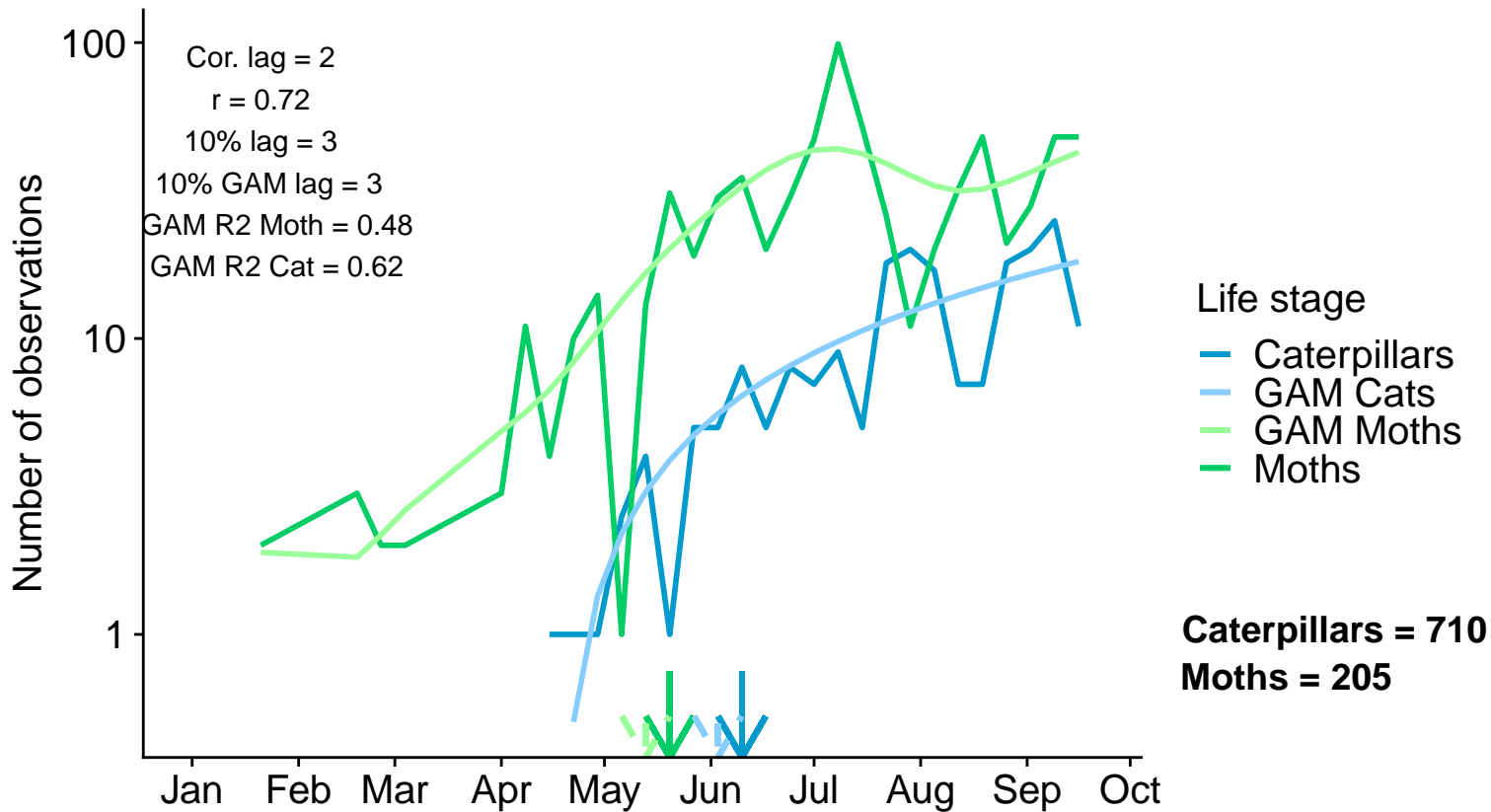
41, -77



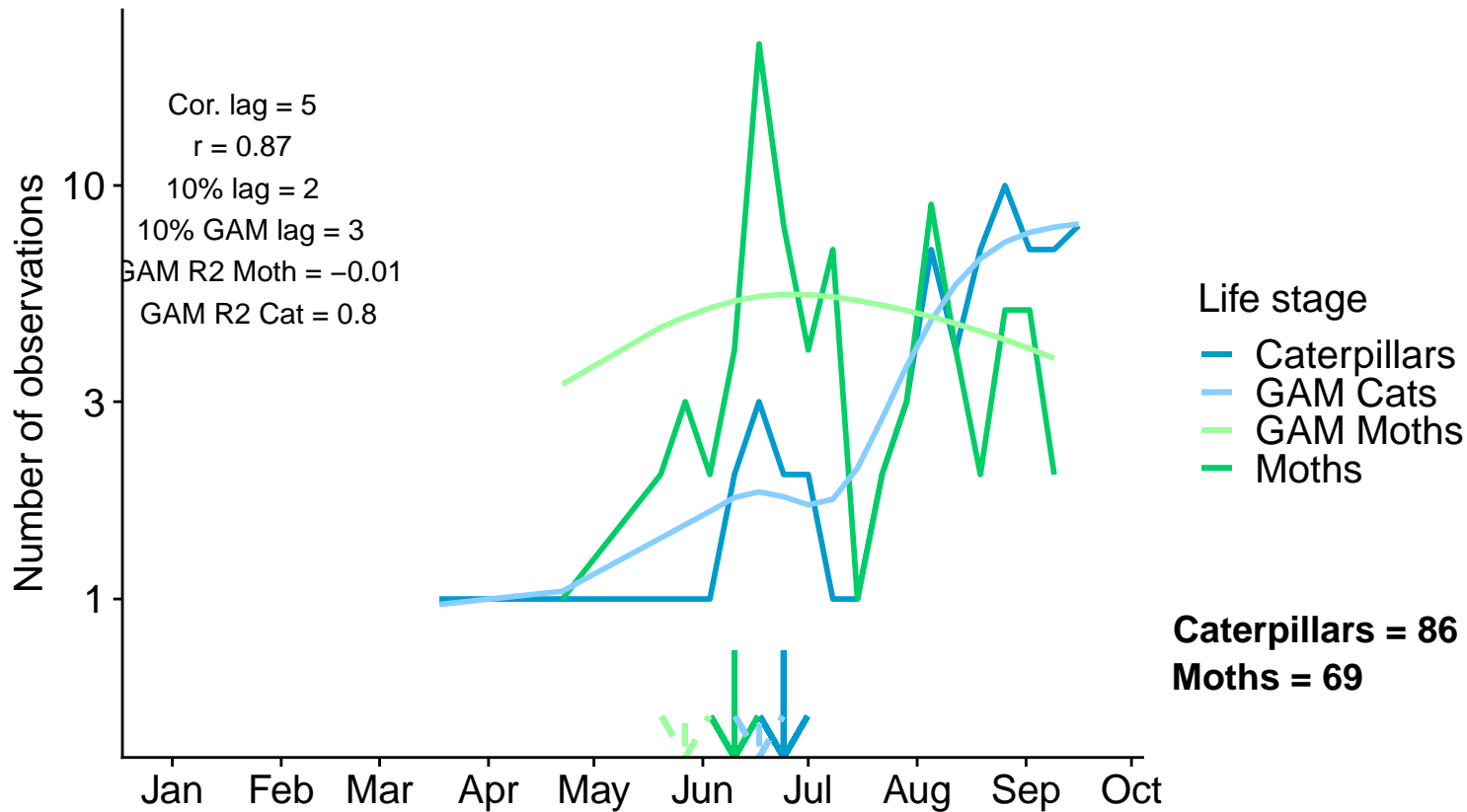
41, -75



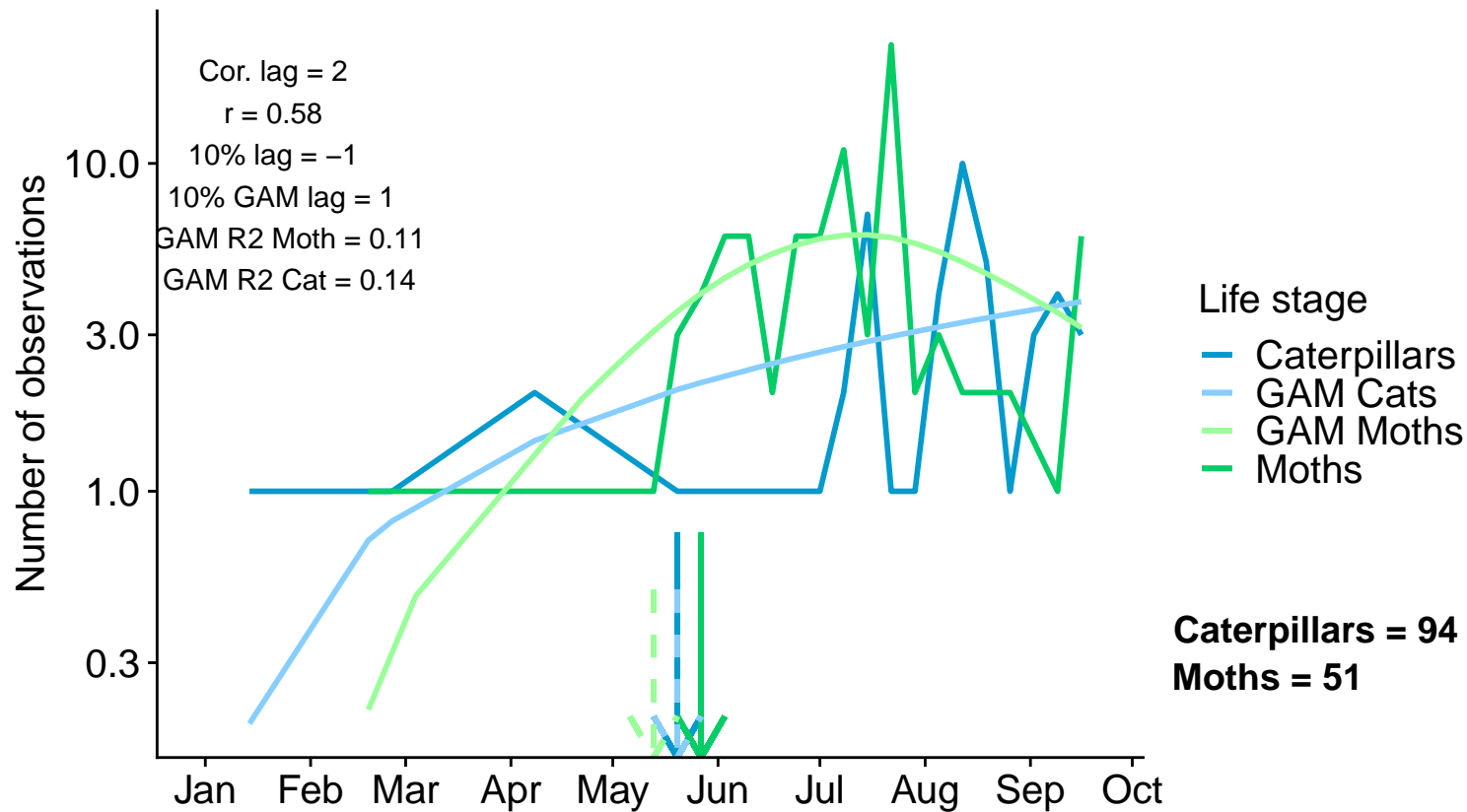
41, -73



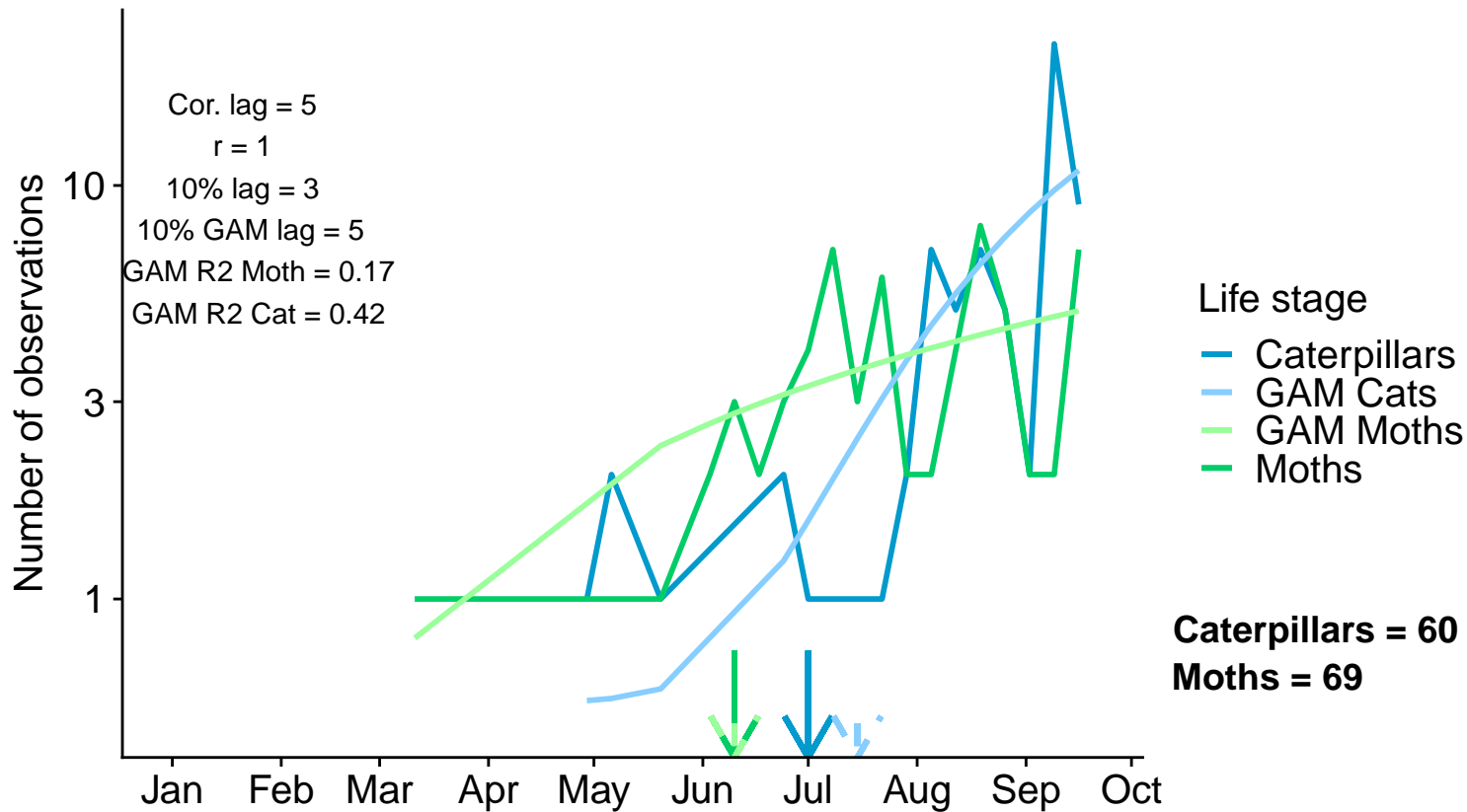
43, -89



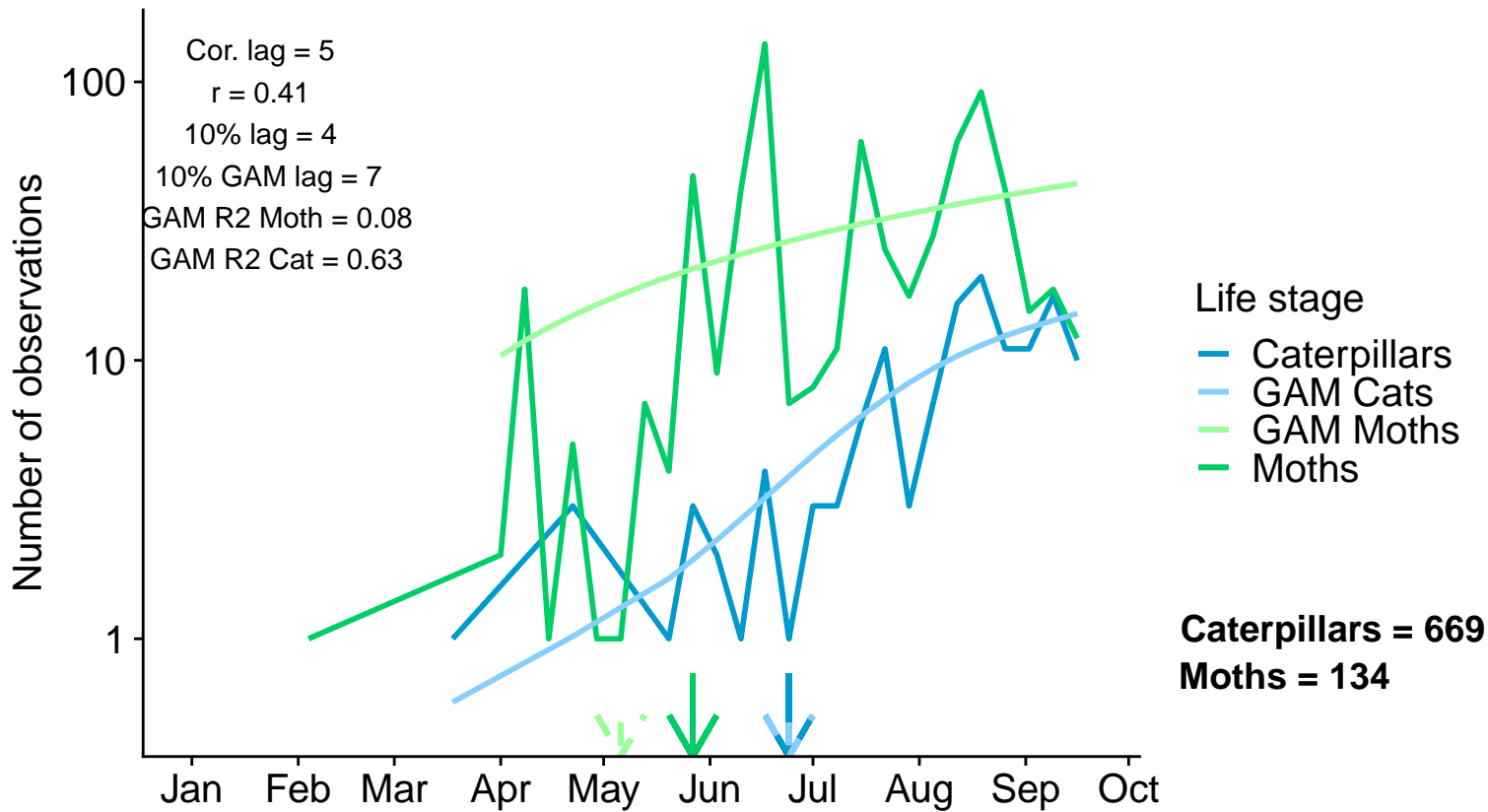
43, -85



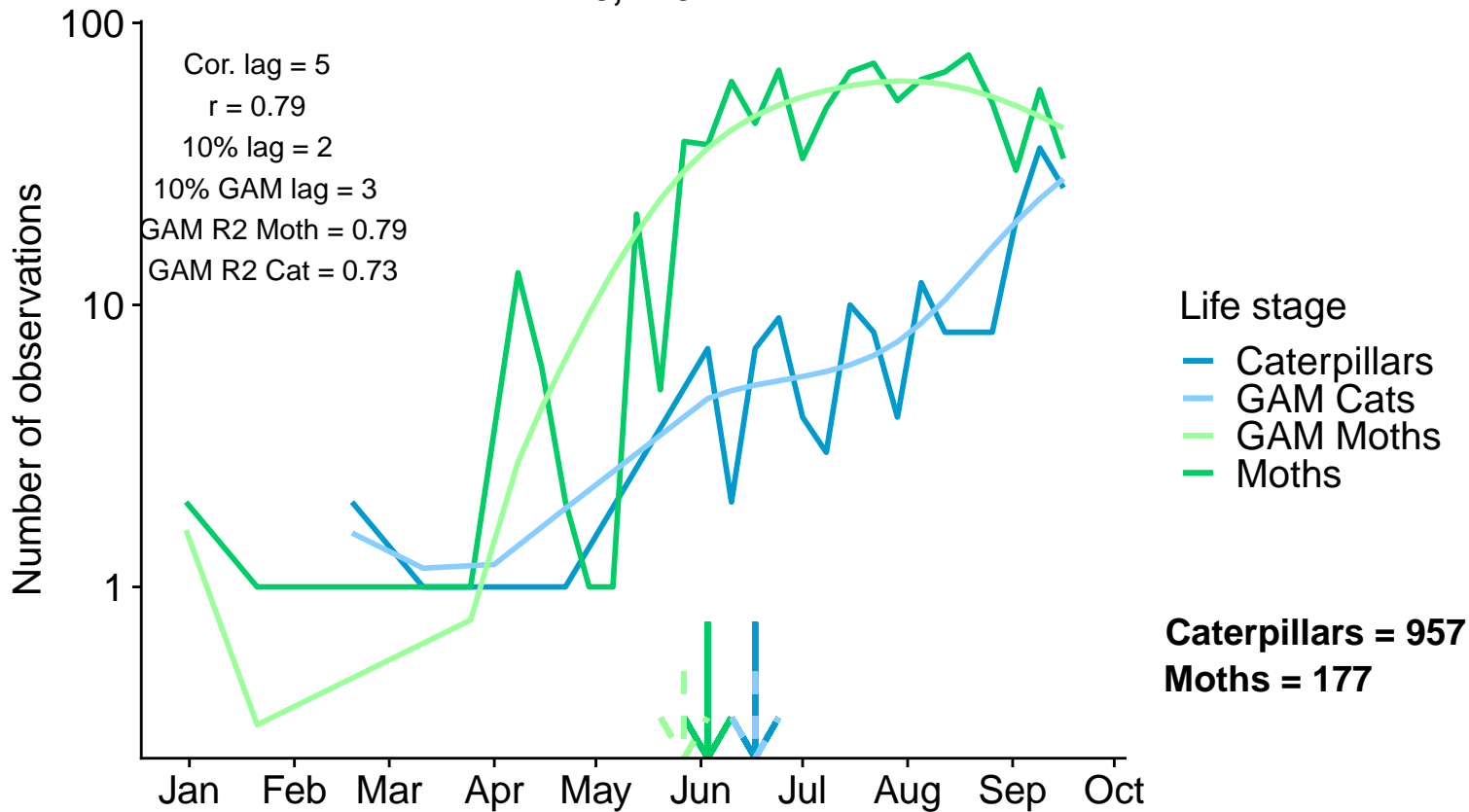
43, -83



43, -81



43, -79



43, -77

Cor. lag = 4

$r = 0.45$

10% lag = 5

10% GAM lag = 5

GAM R2 Moth = 0.46

GAM R2 Cat = 0.48

Number of observations

100

10

1

Jan Feb Mar Apr May Jun Jul Aug Sep Oct

Life stage

Caterpillars

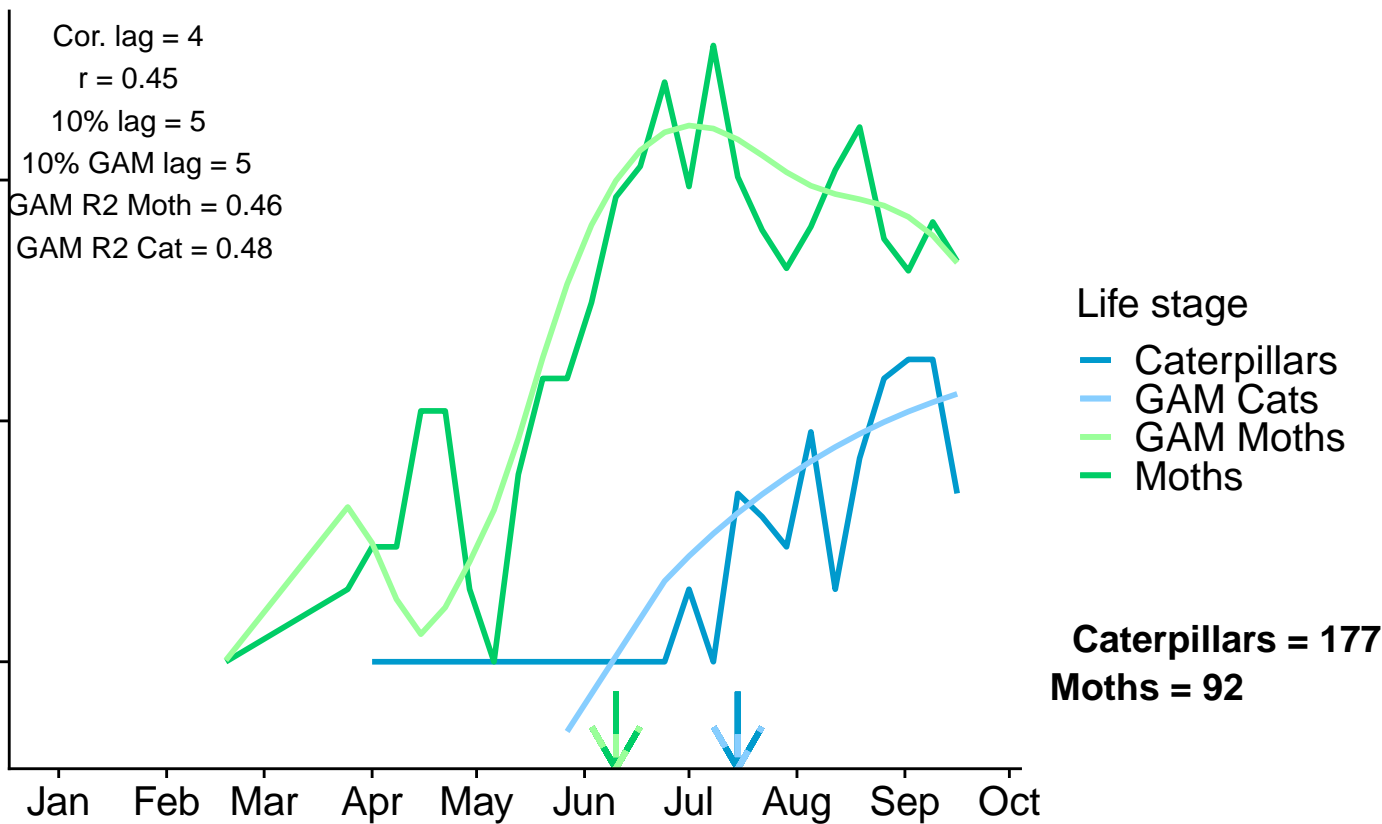
GAM Cats

GAM Moths

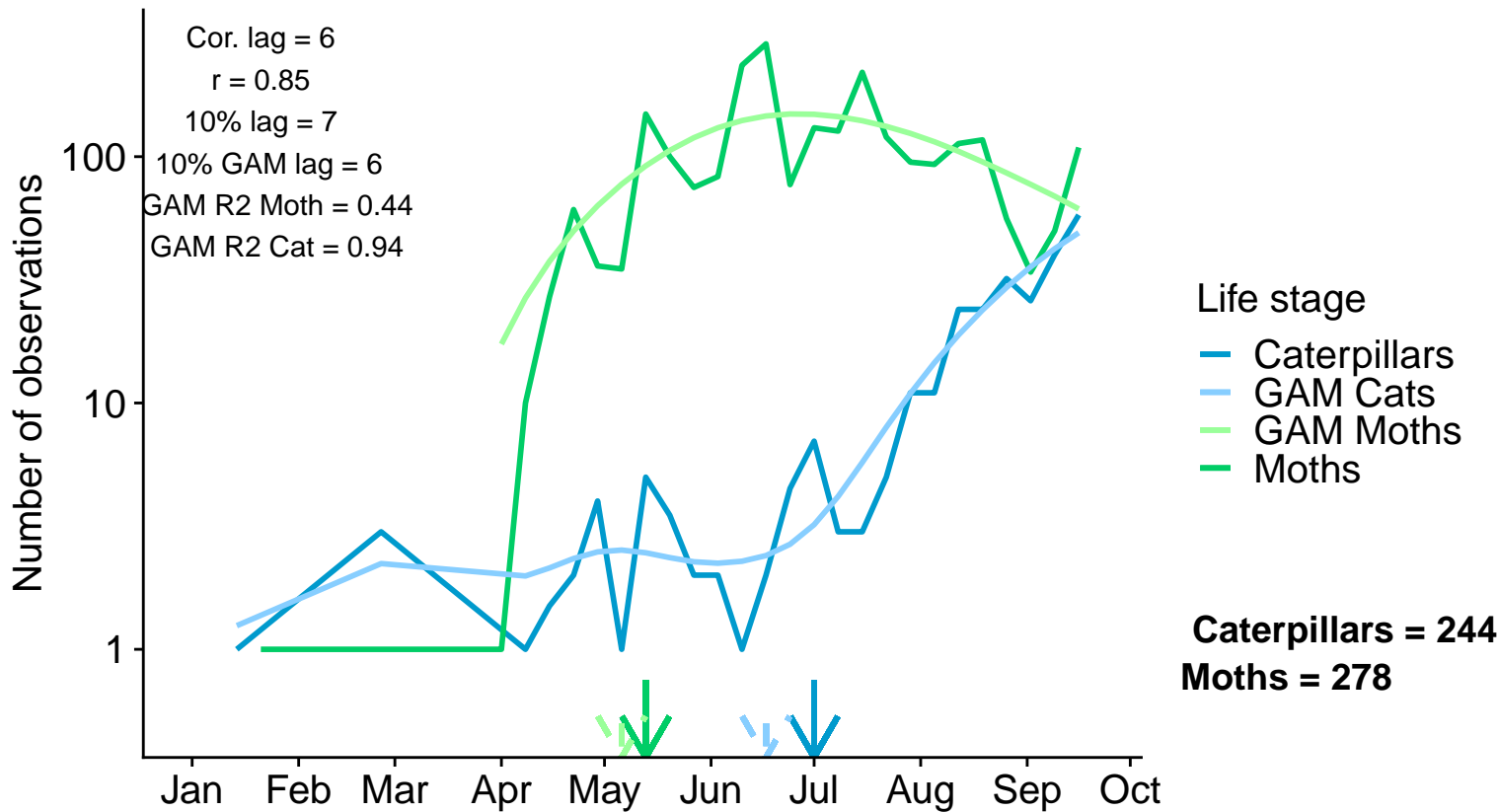
Moths

Caterpillars = 177

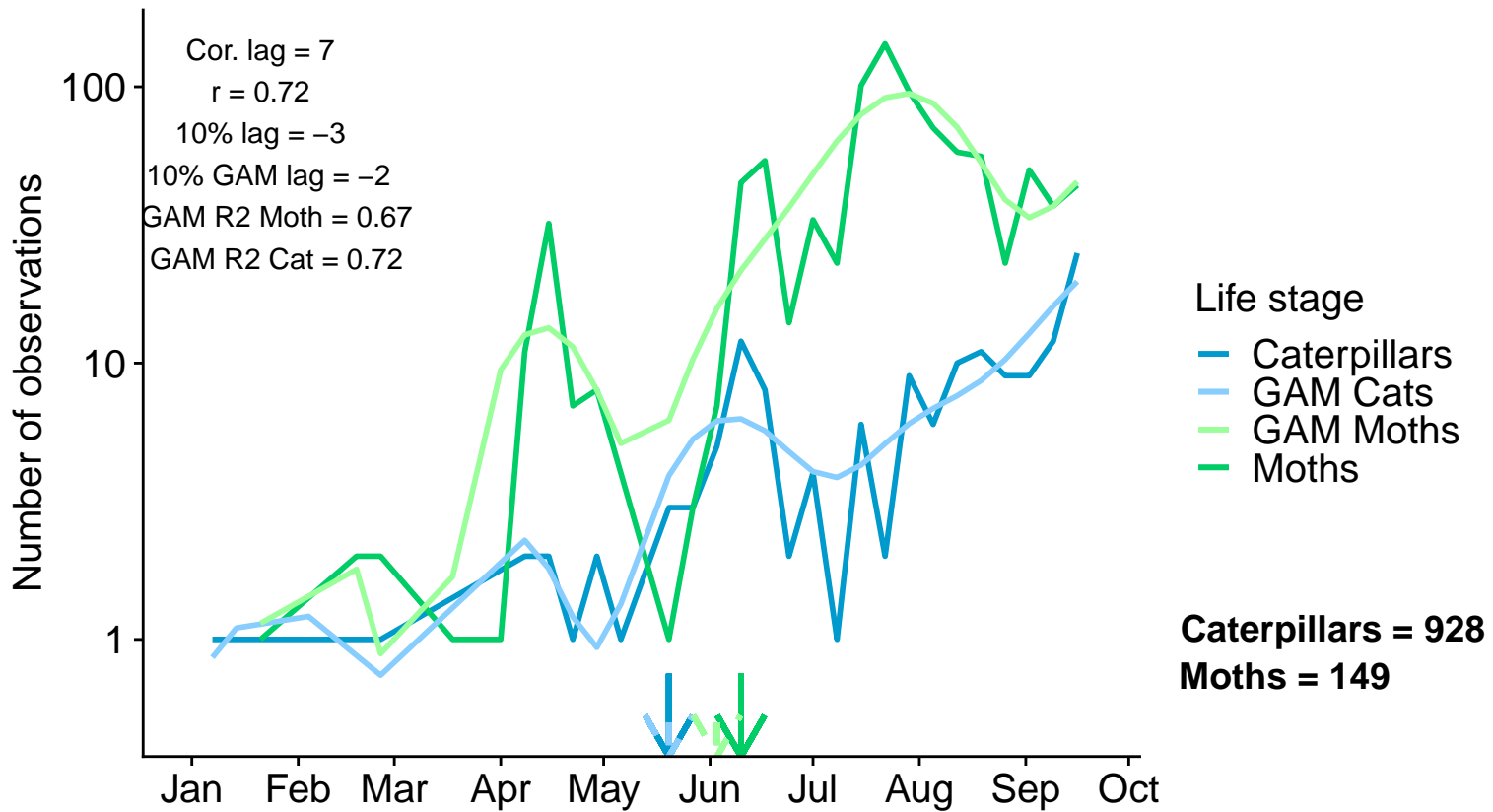
Moths = 92



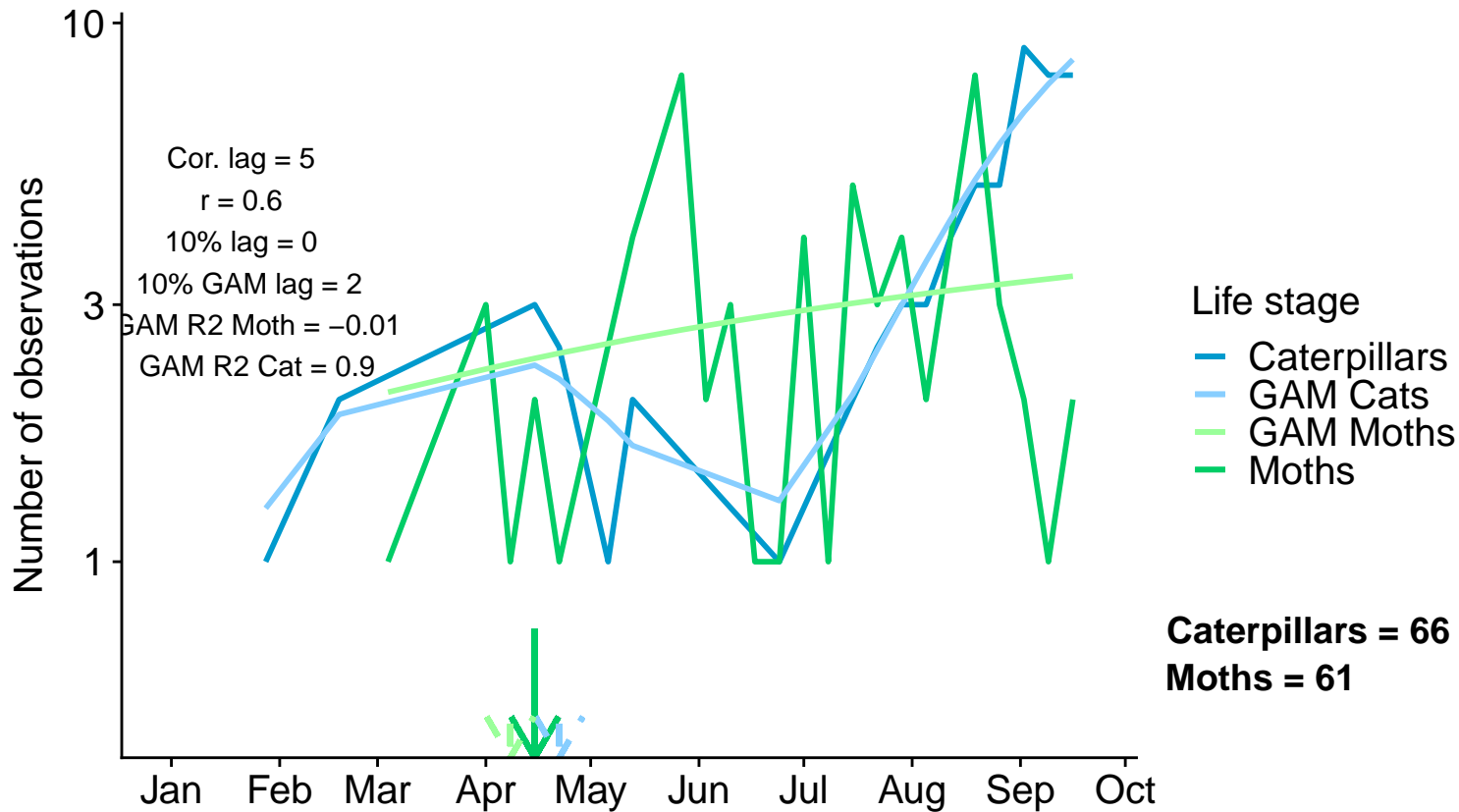
43, -73



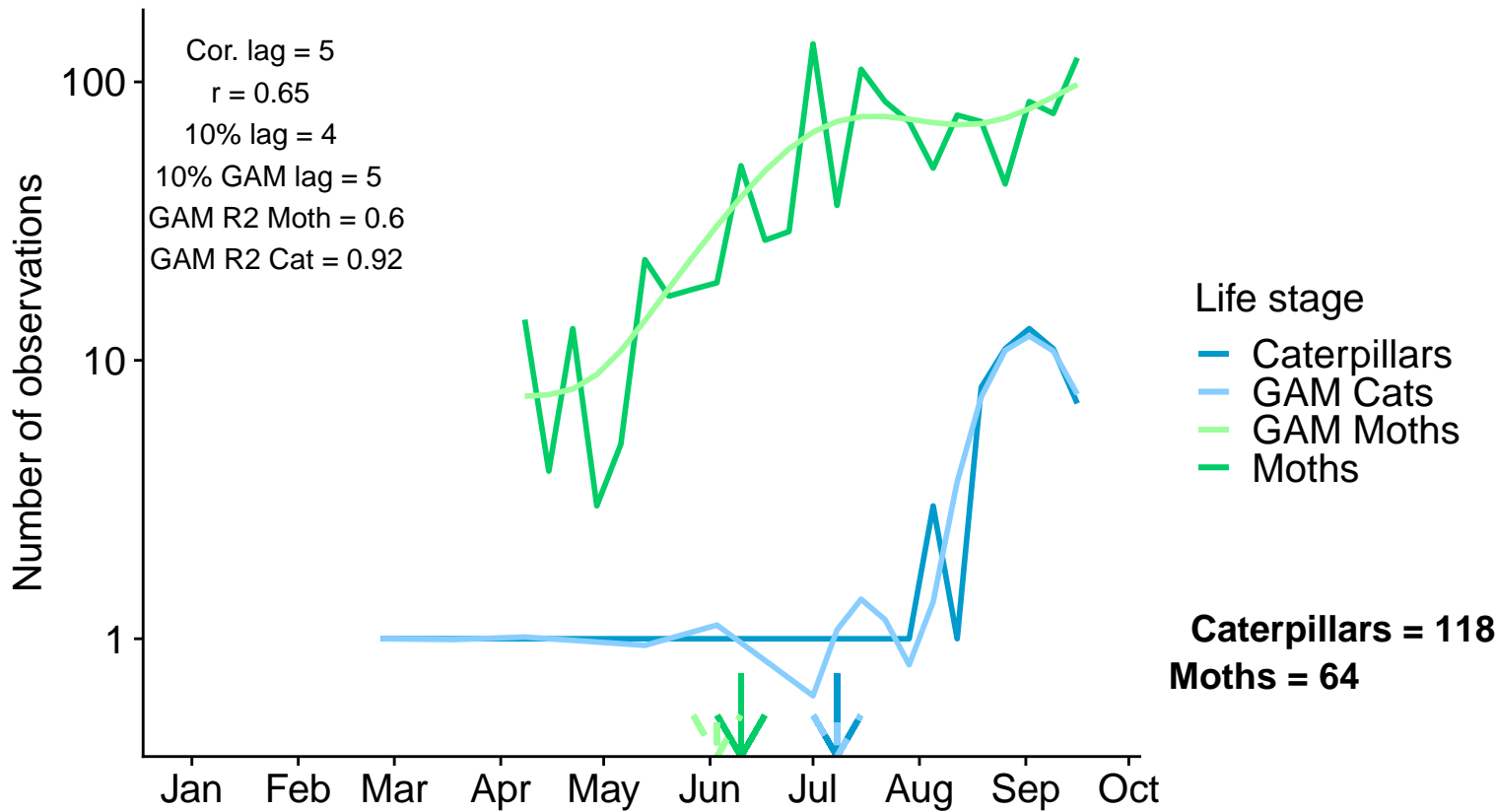
43, -71



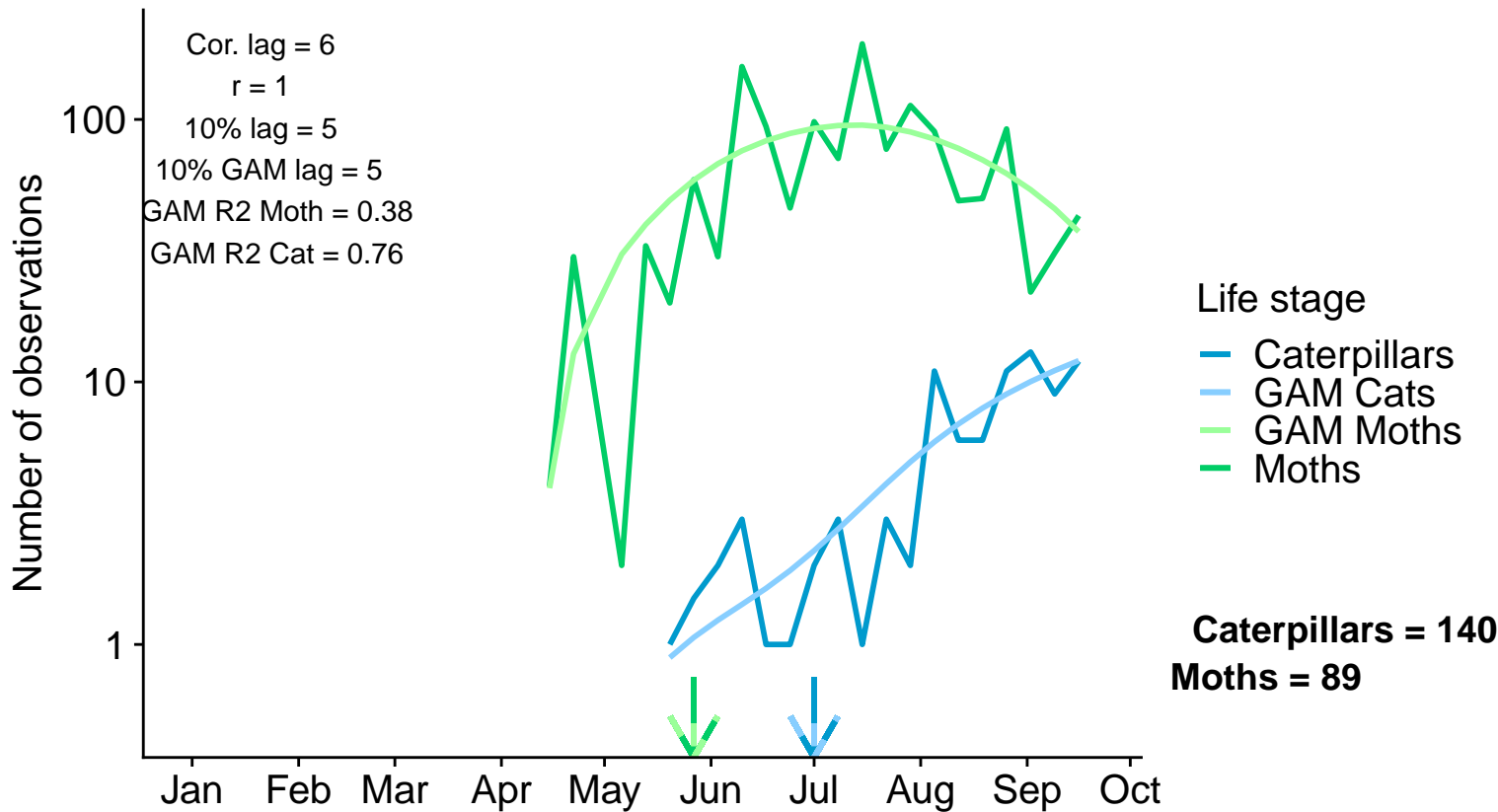
45, -93



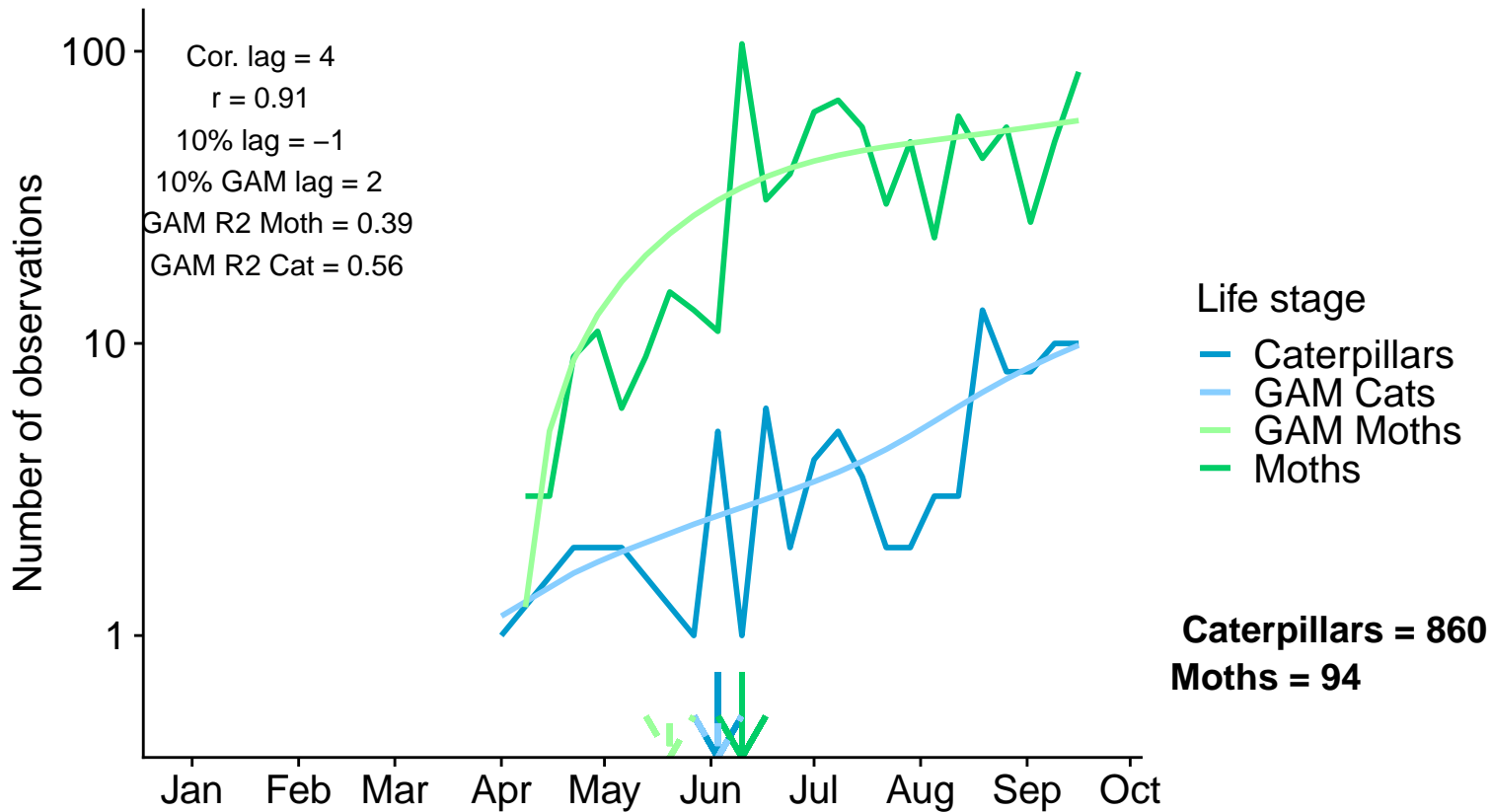
45, -79



45, -77



45, -75



45, -73

