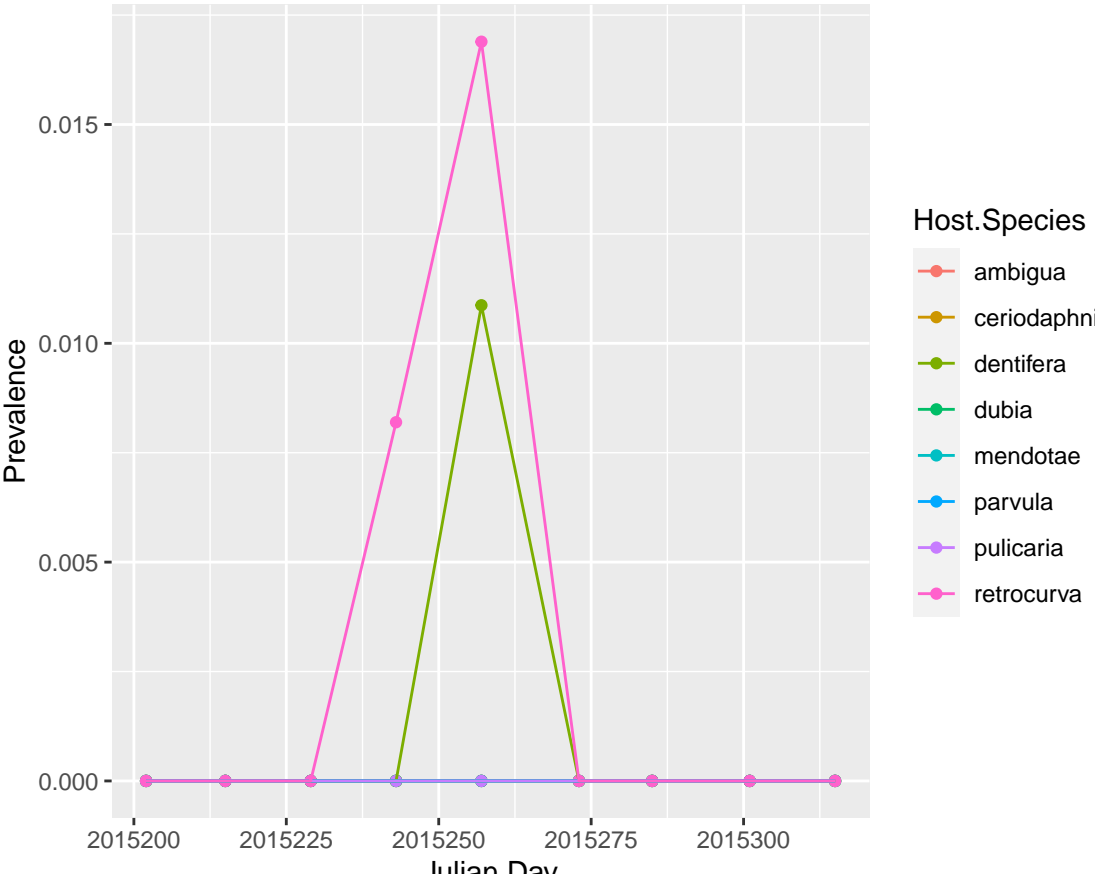
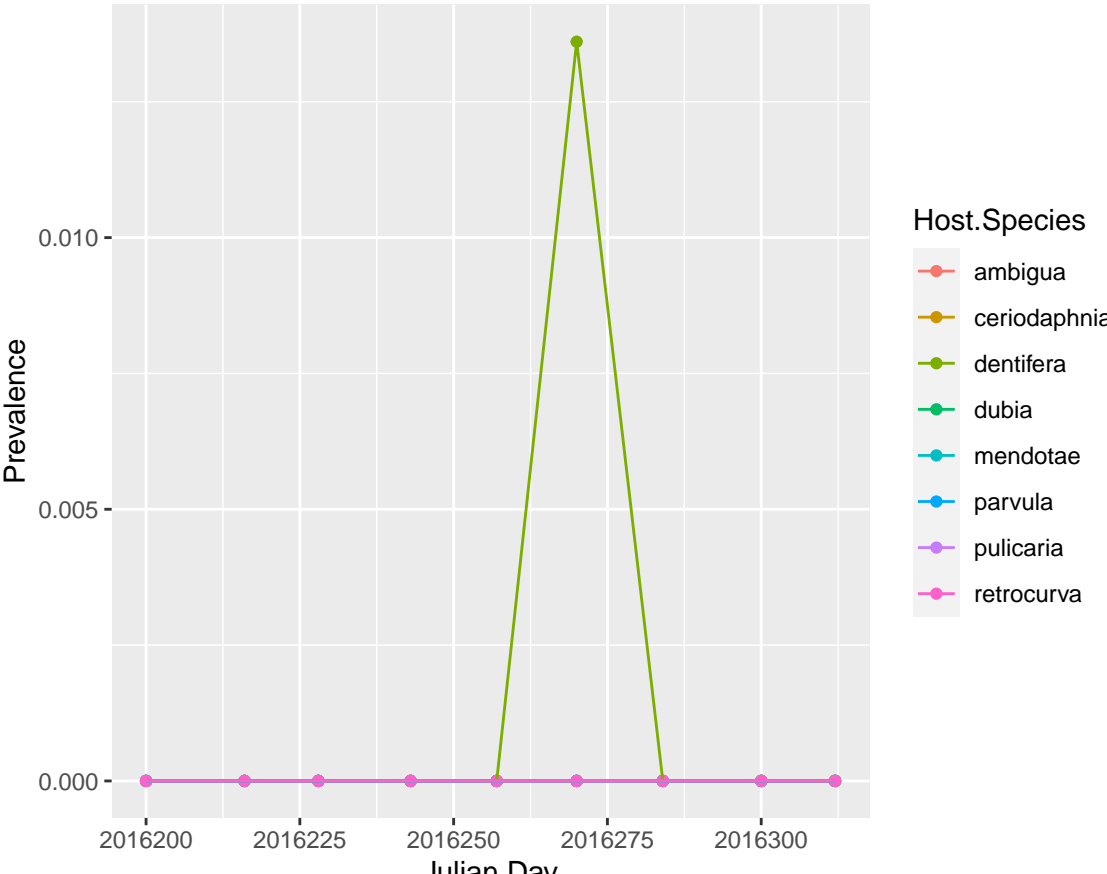


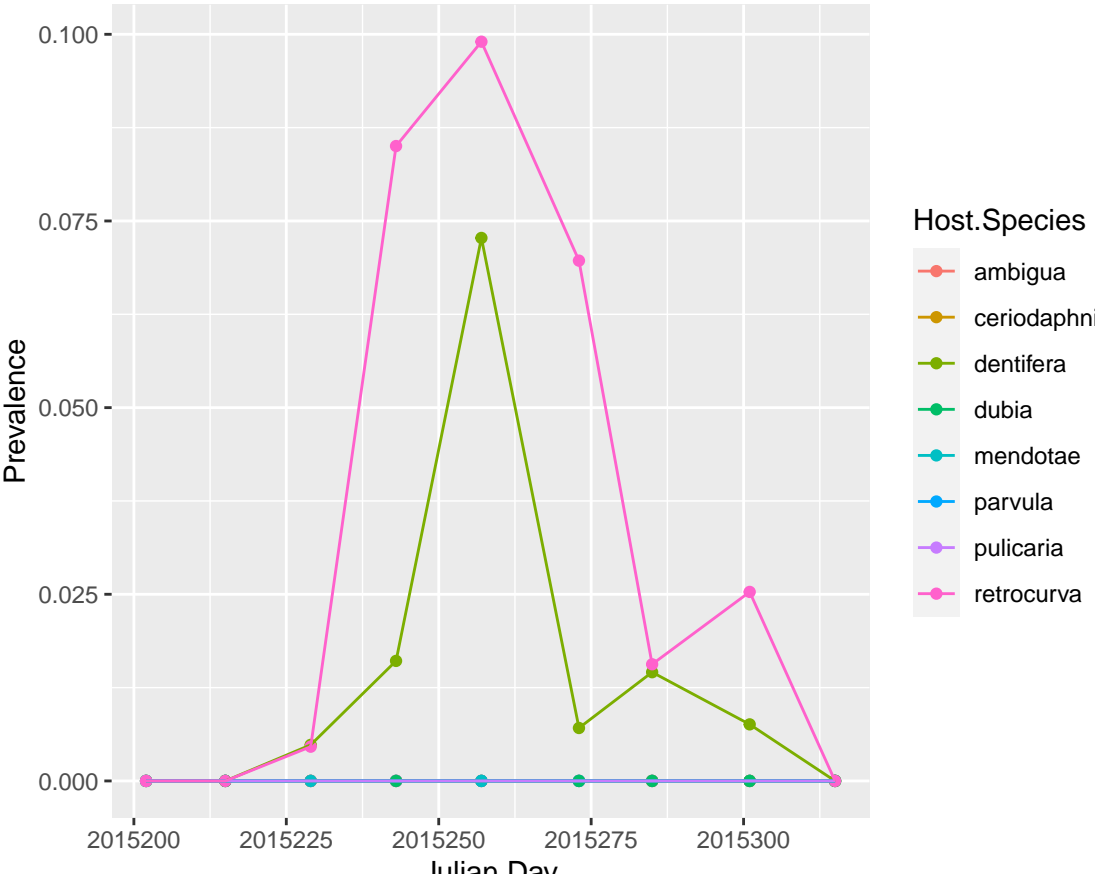
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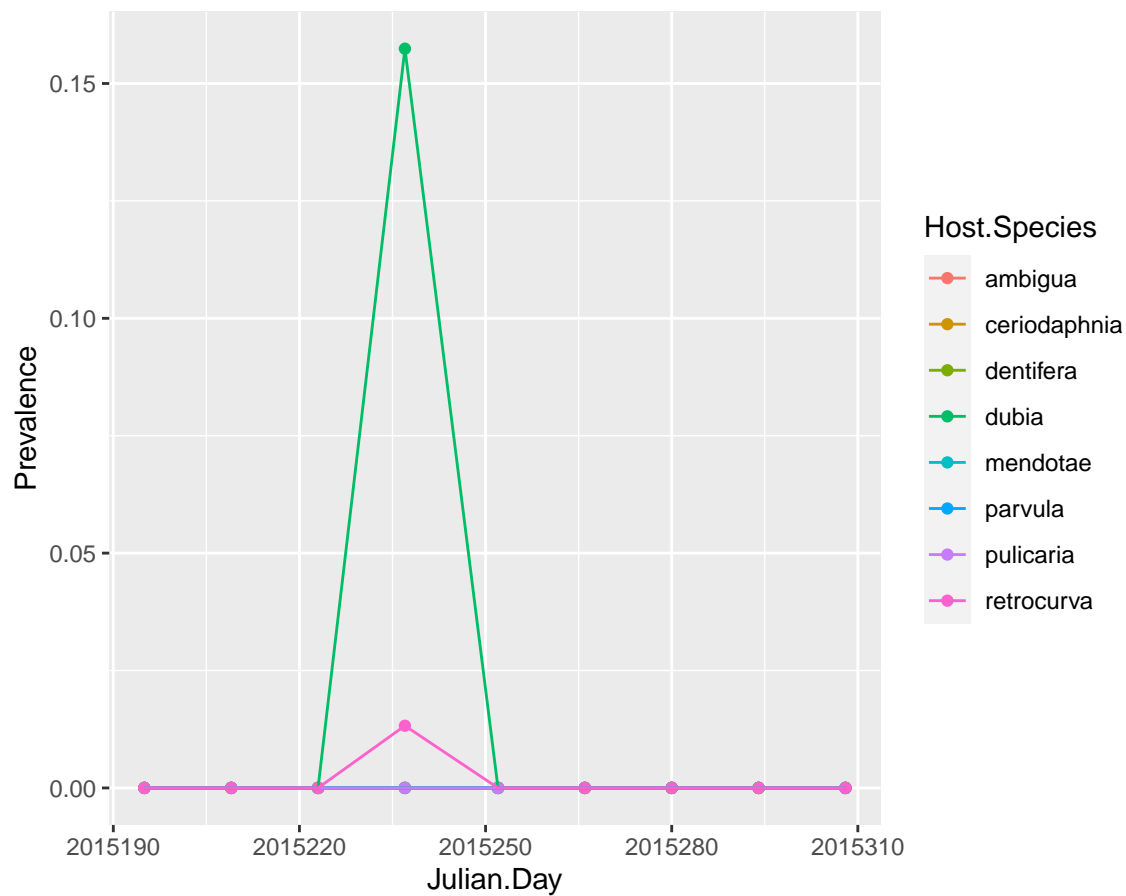
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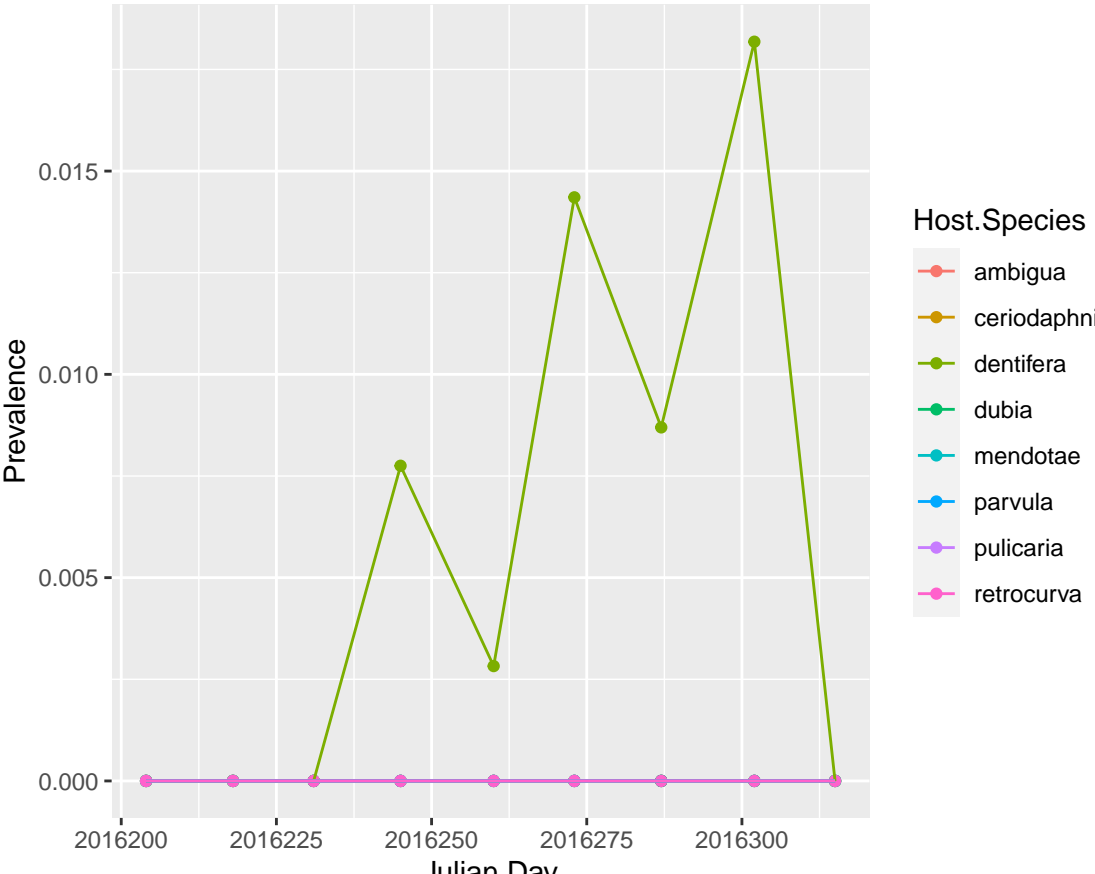
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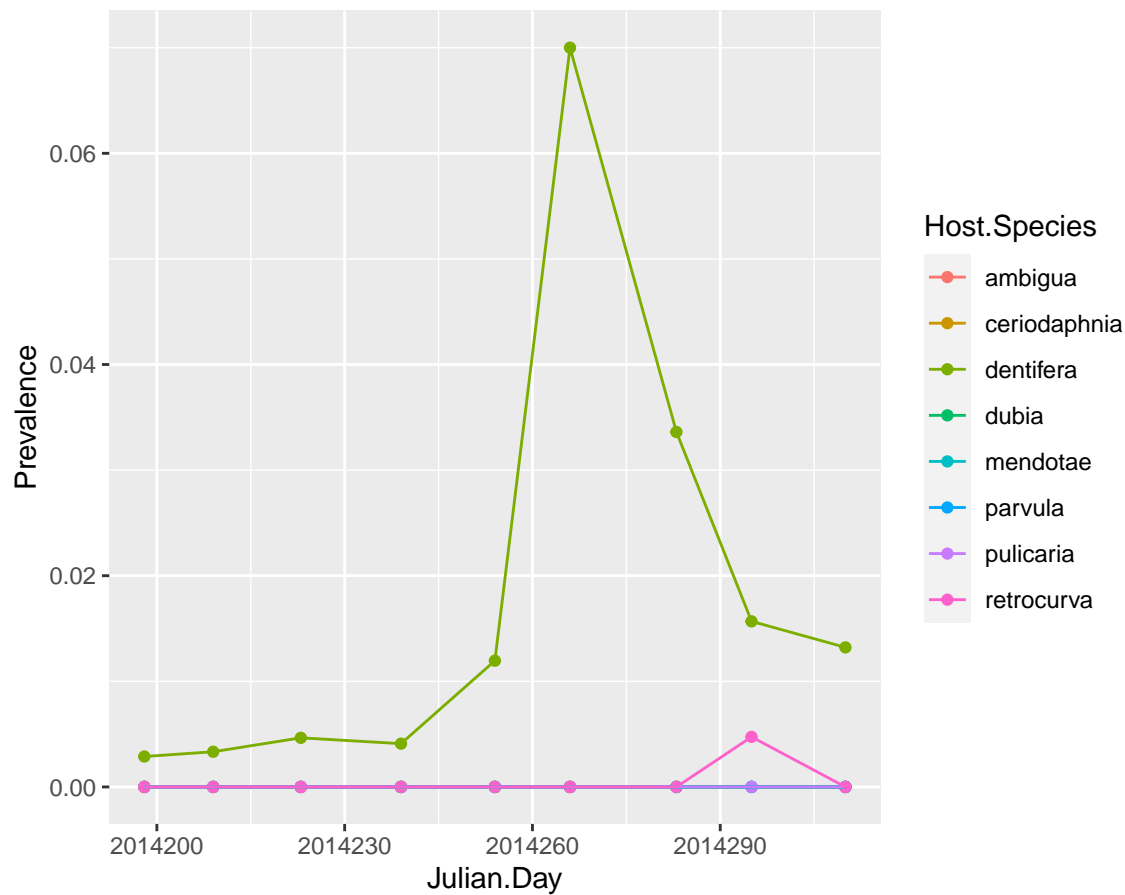
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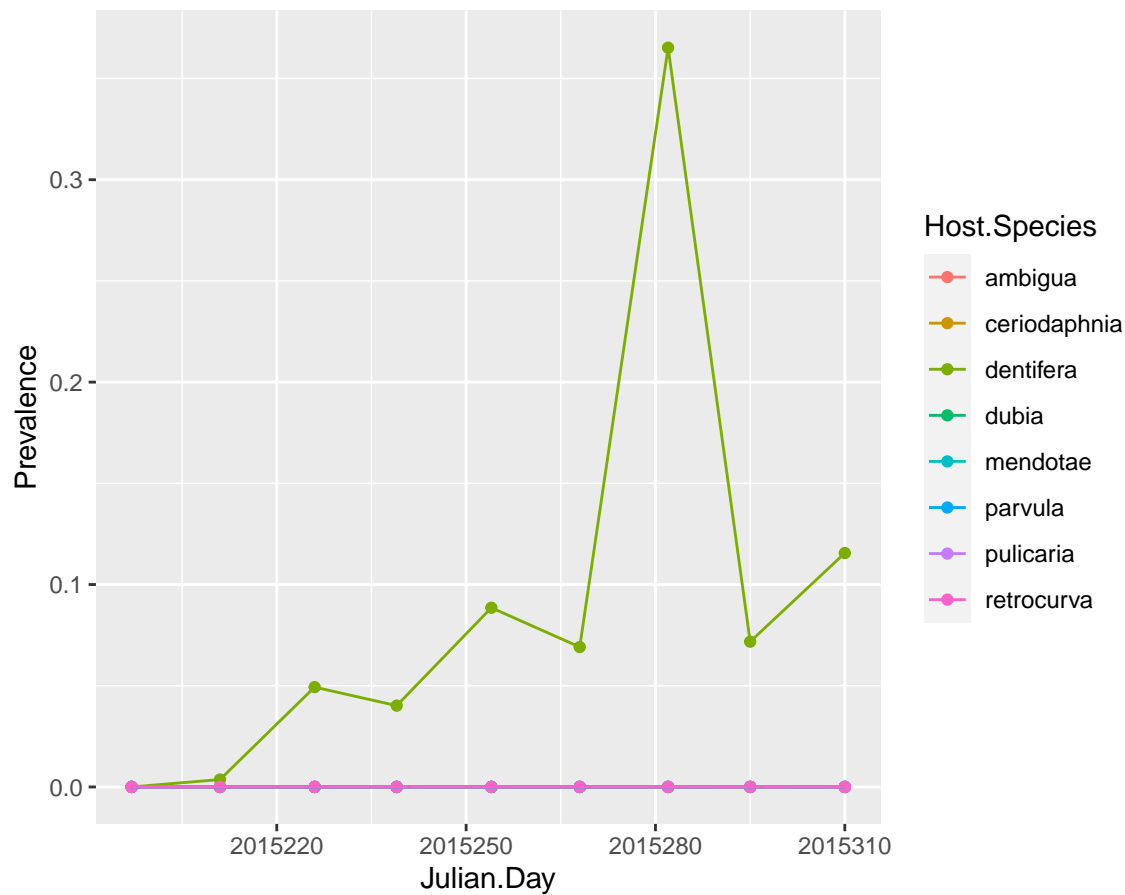
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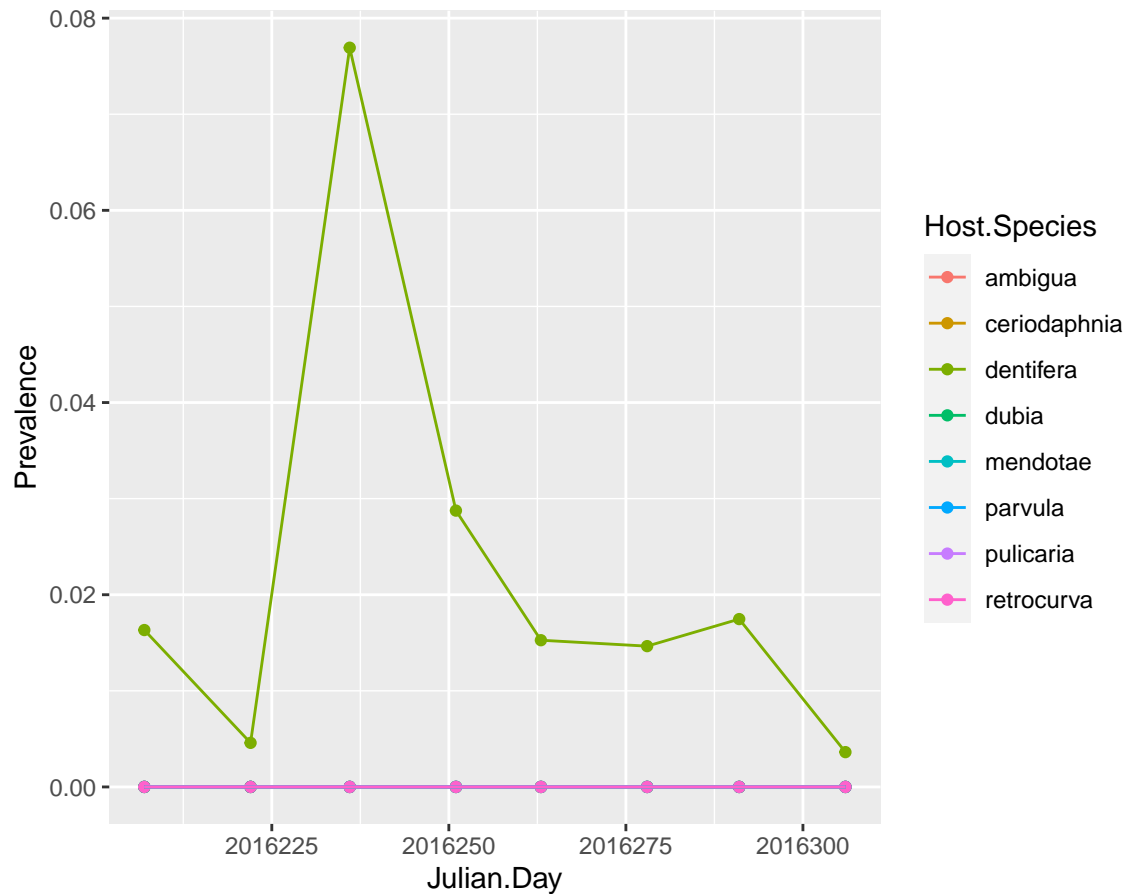
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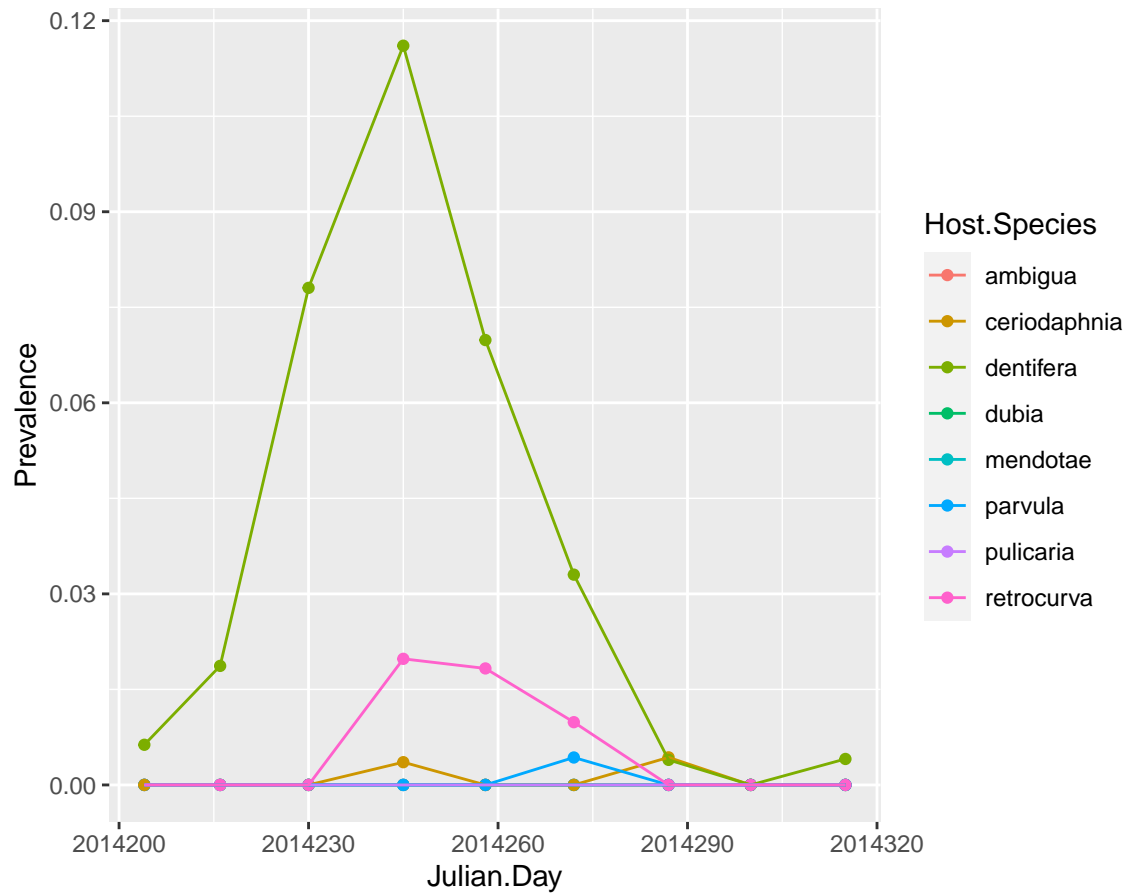
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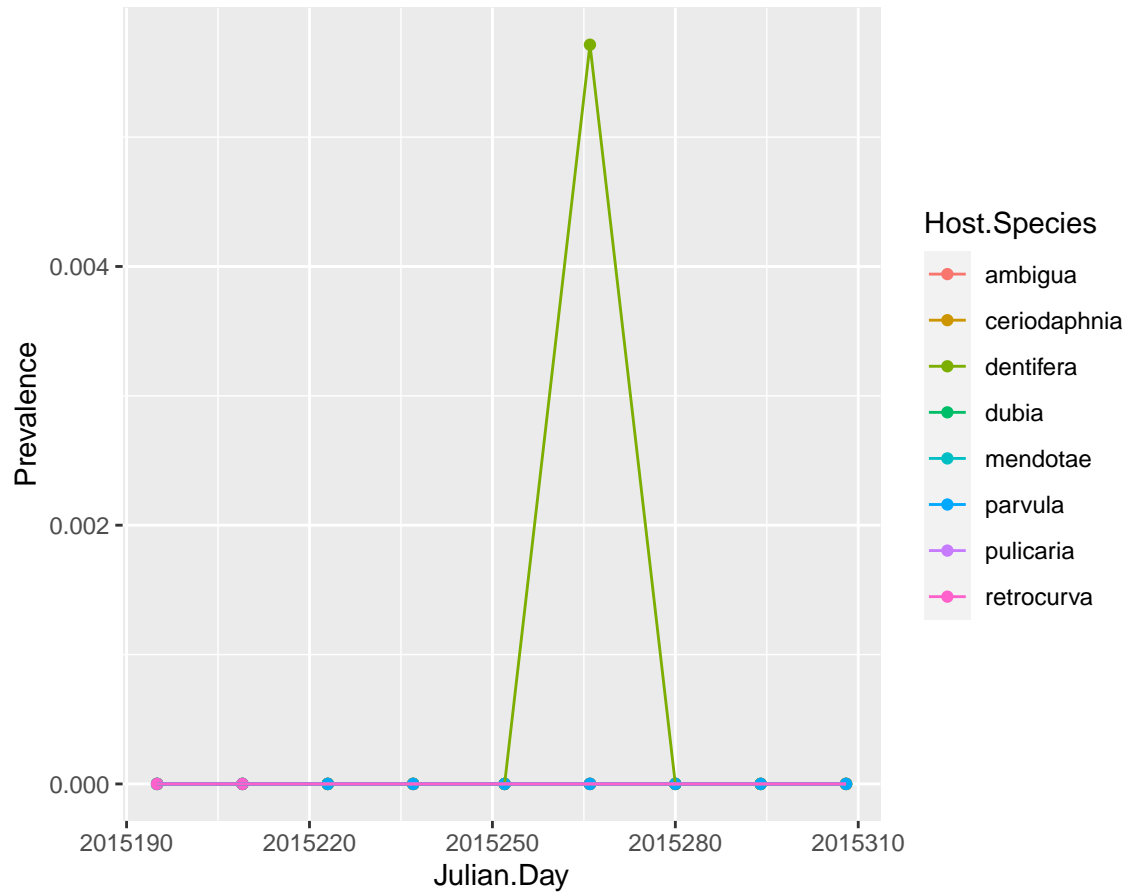
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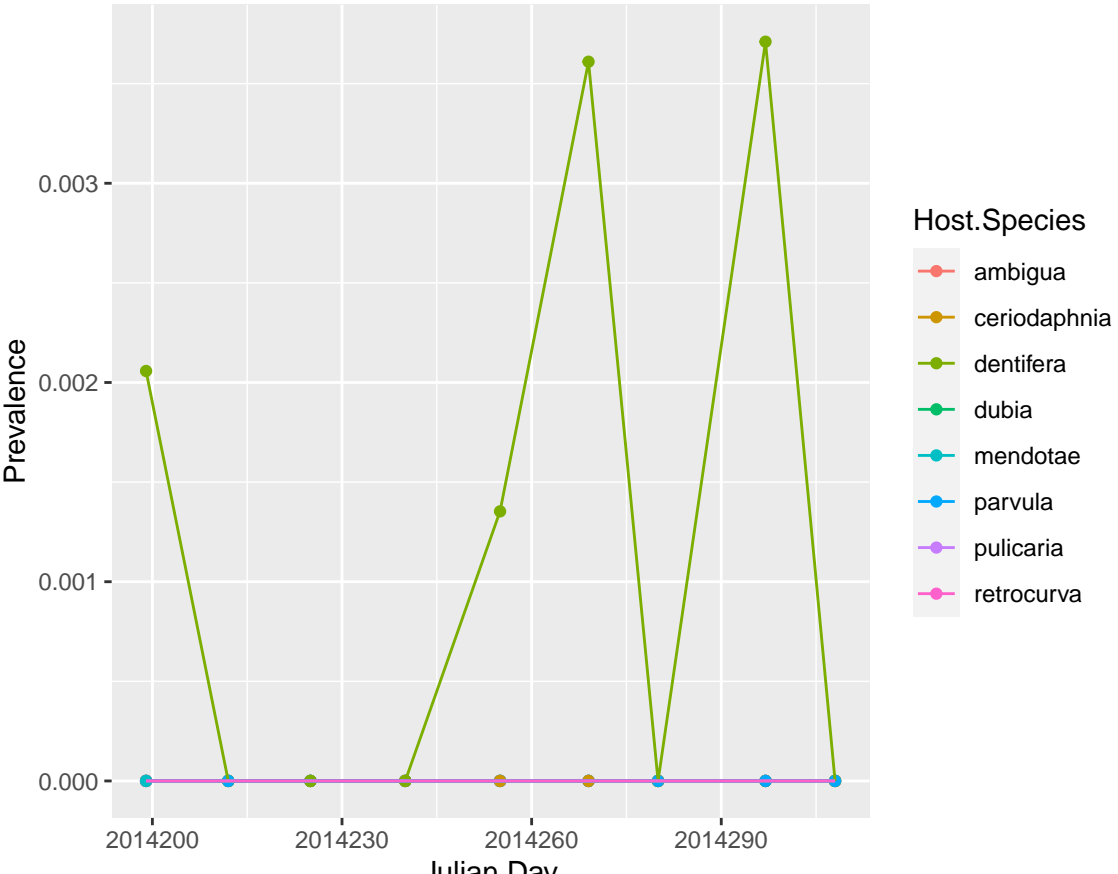
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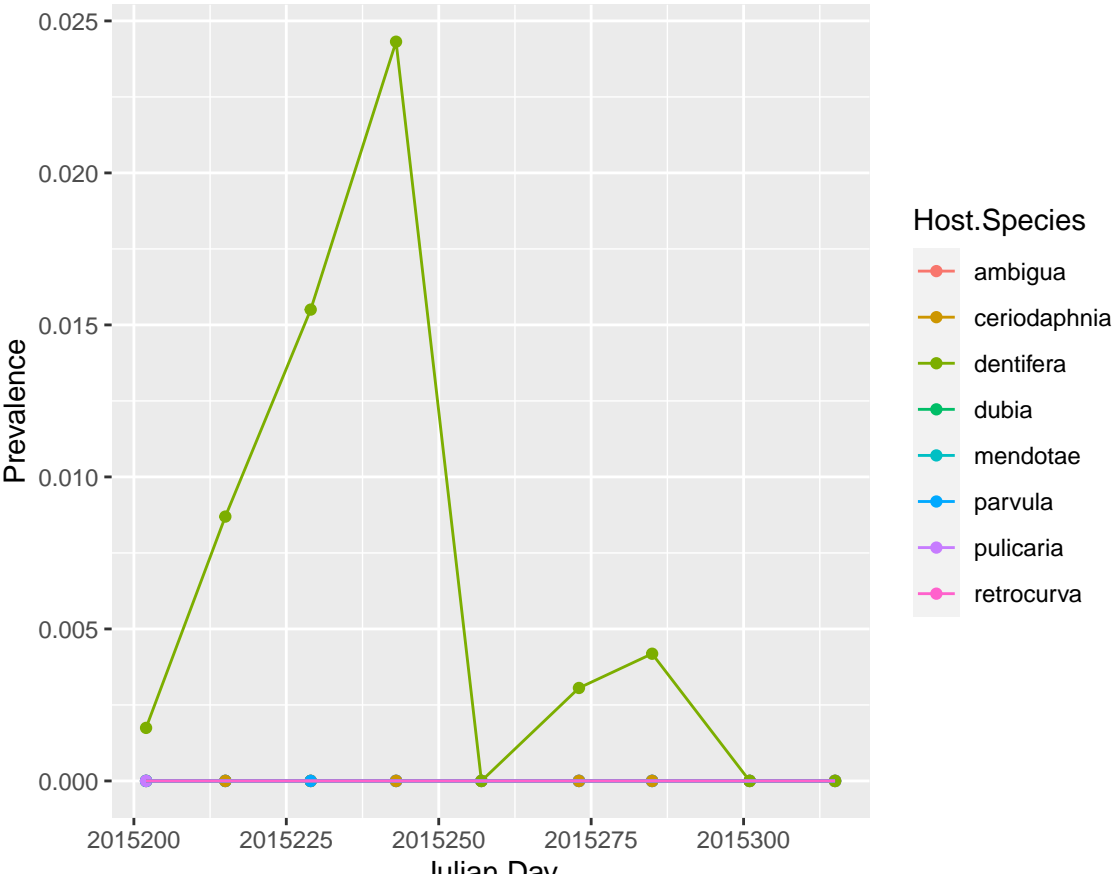
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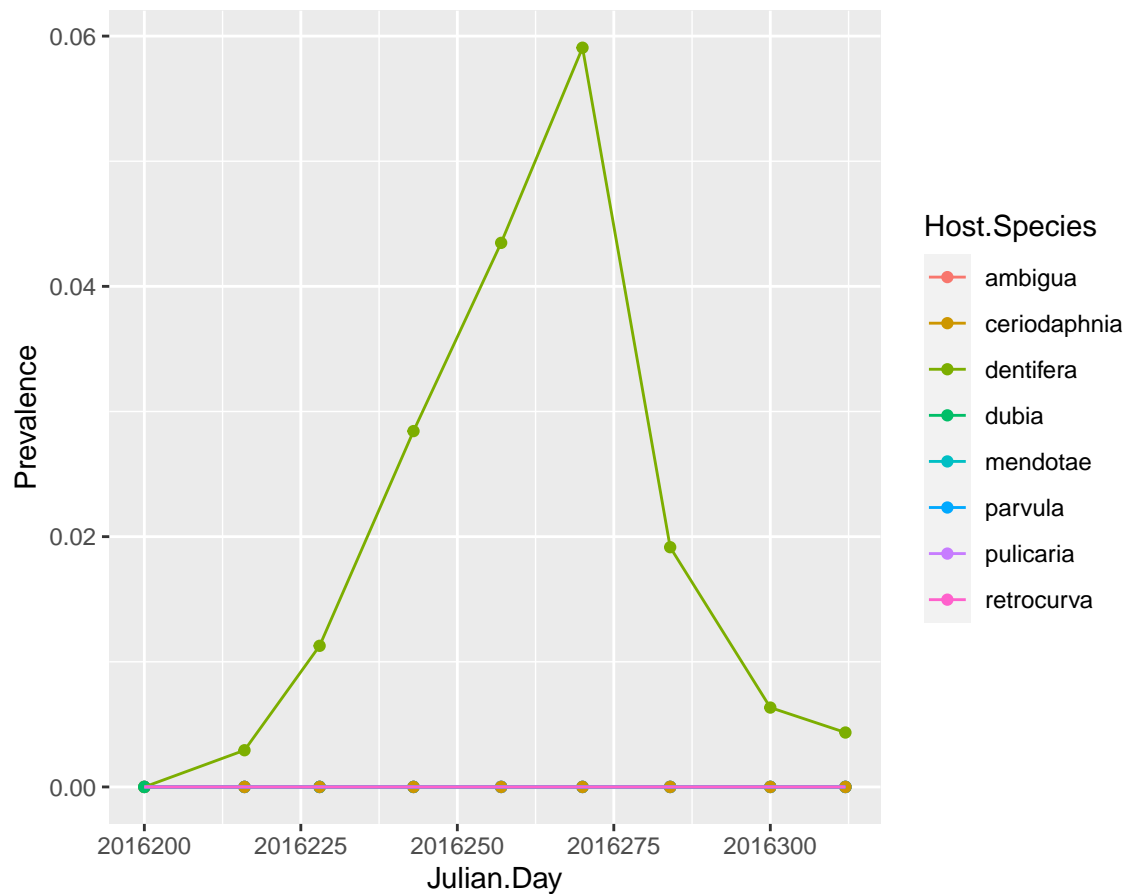
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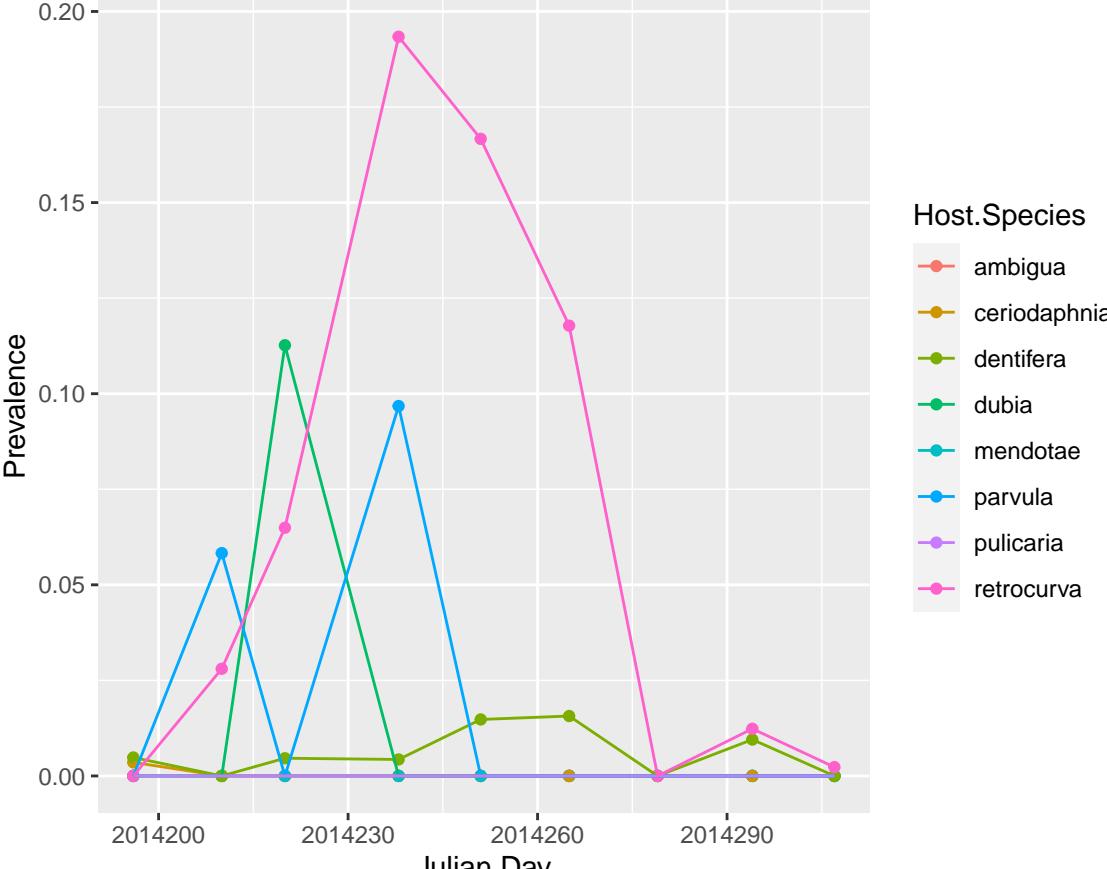
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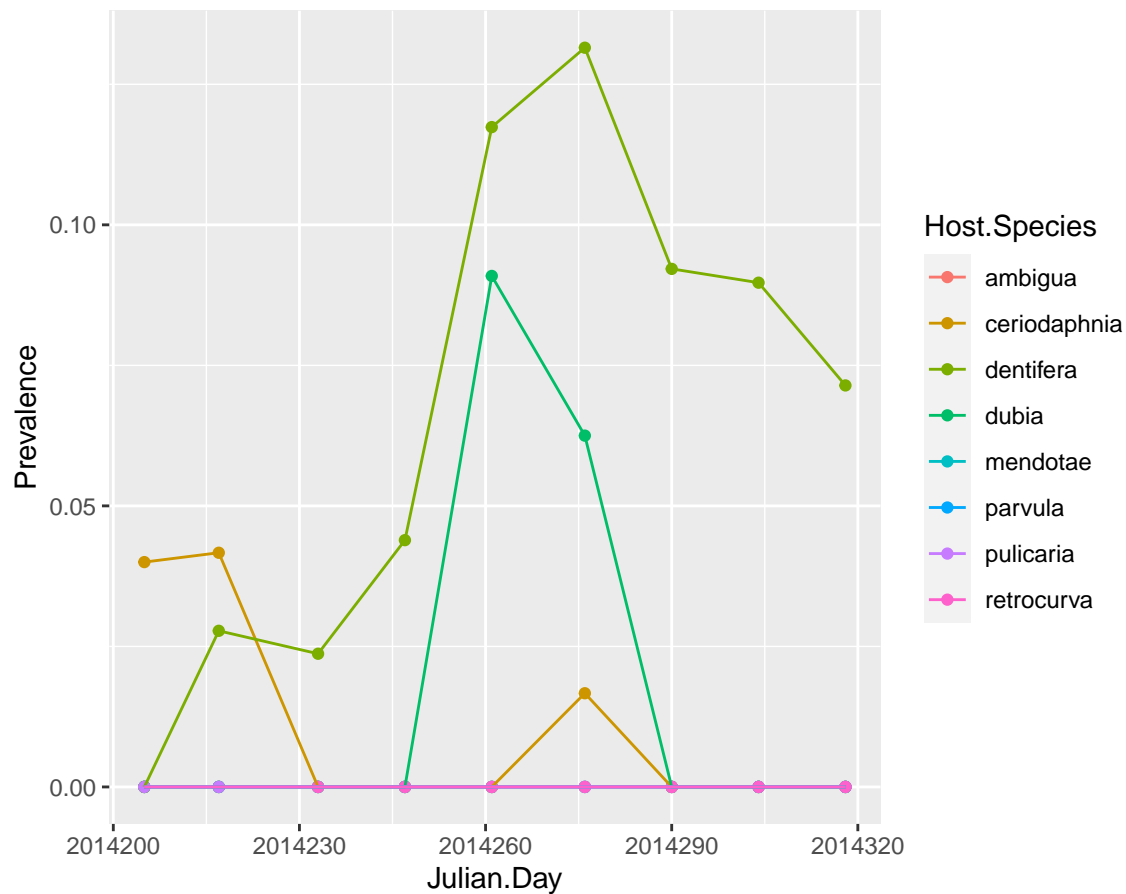
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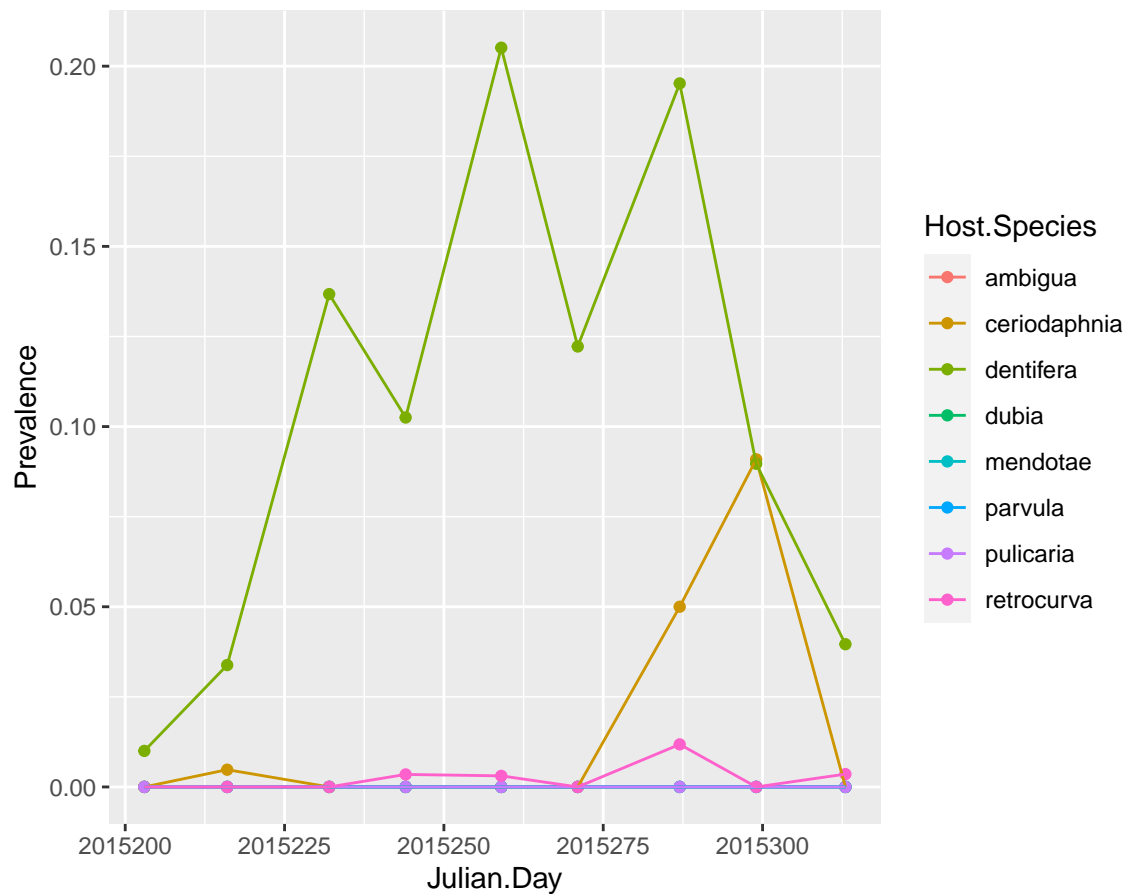
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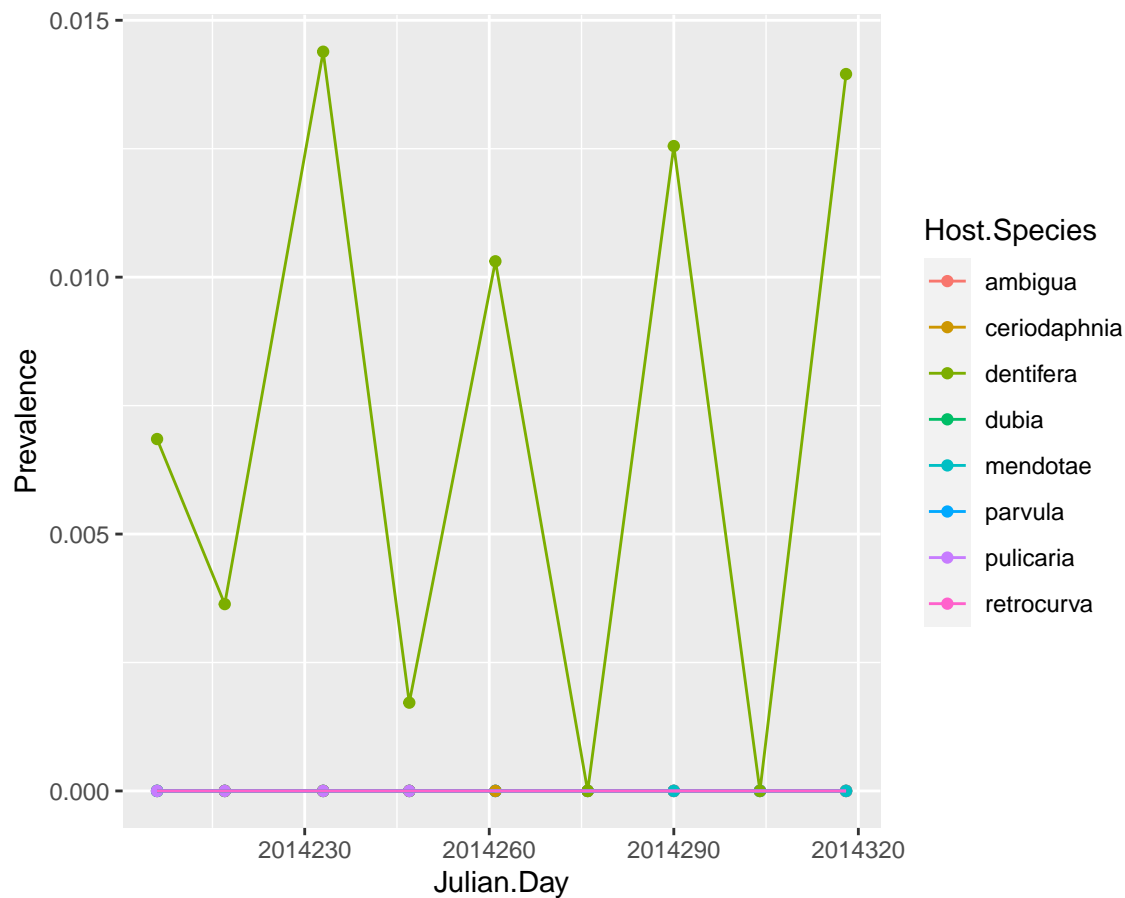
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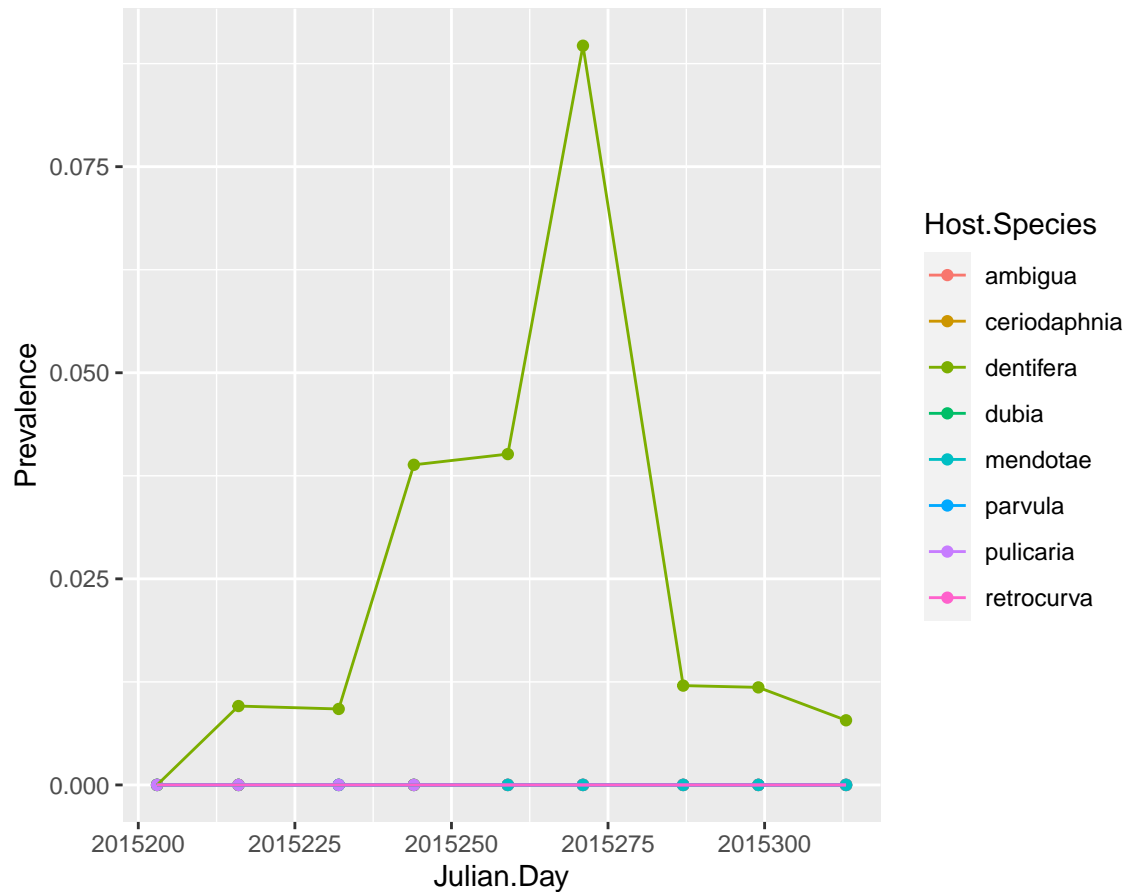
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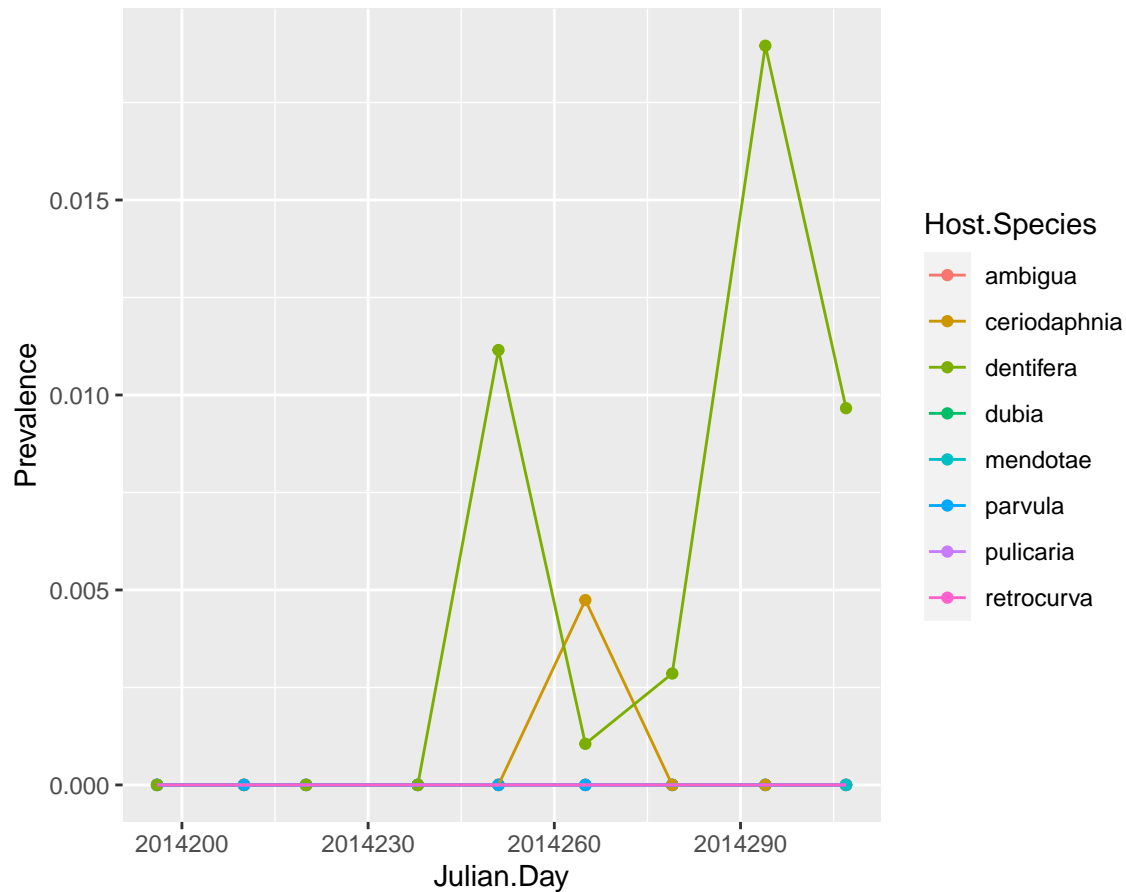
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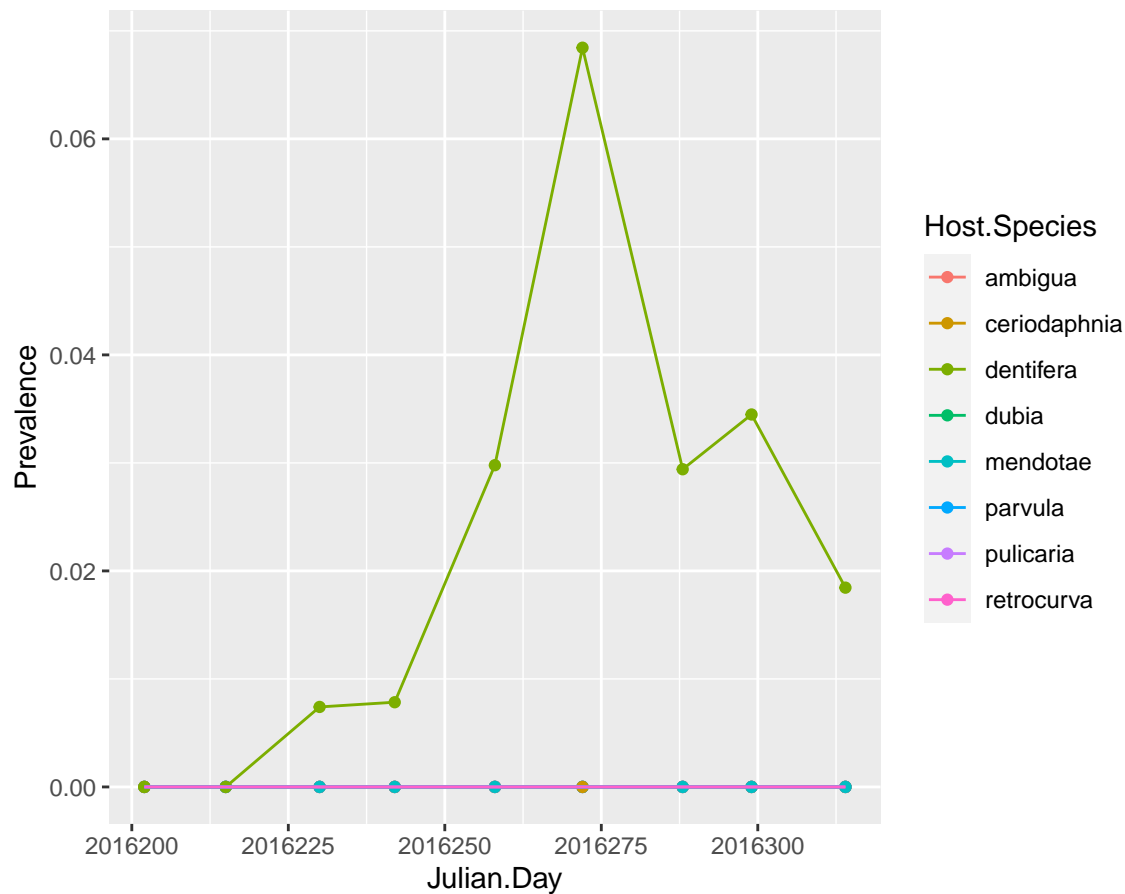
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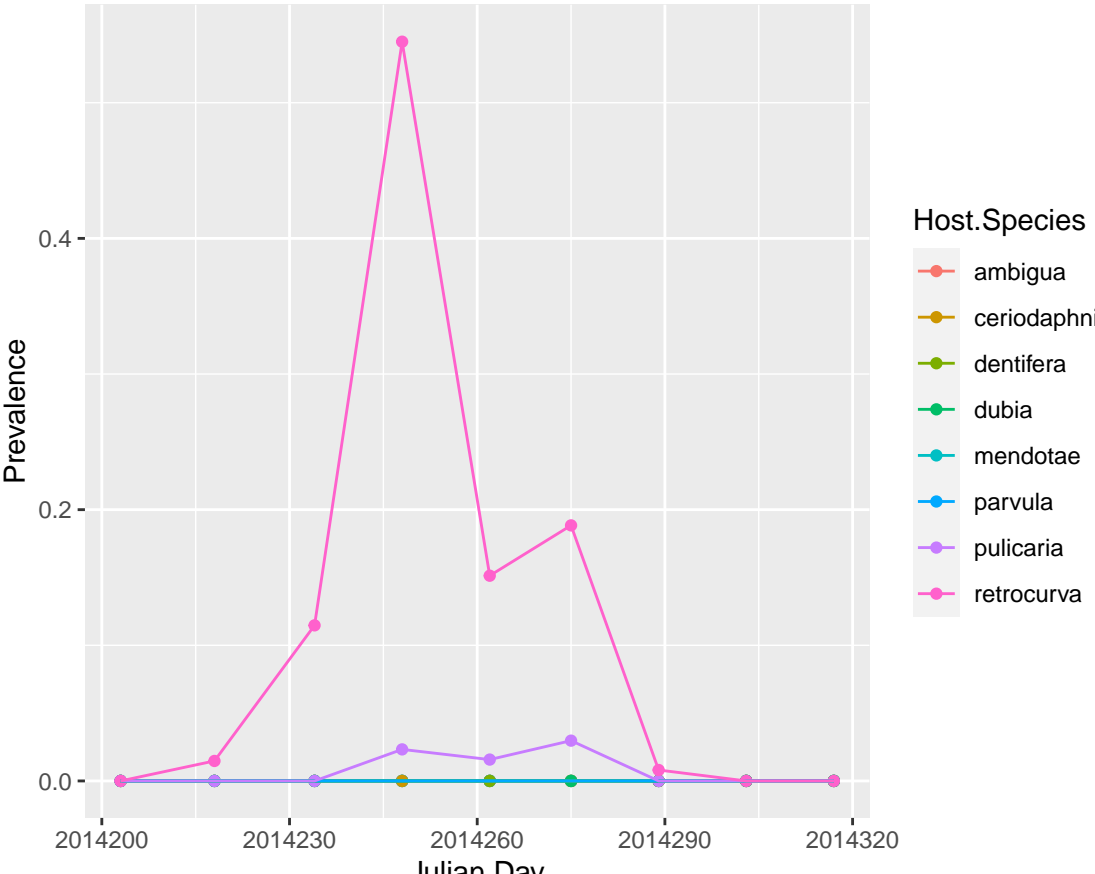
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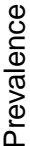
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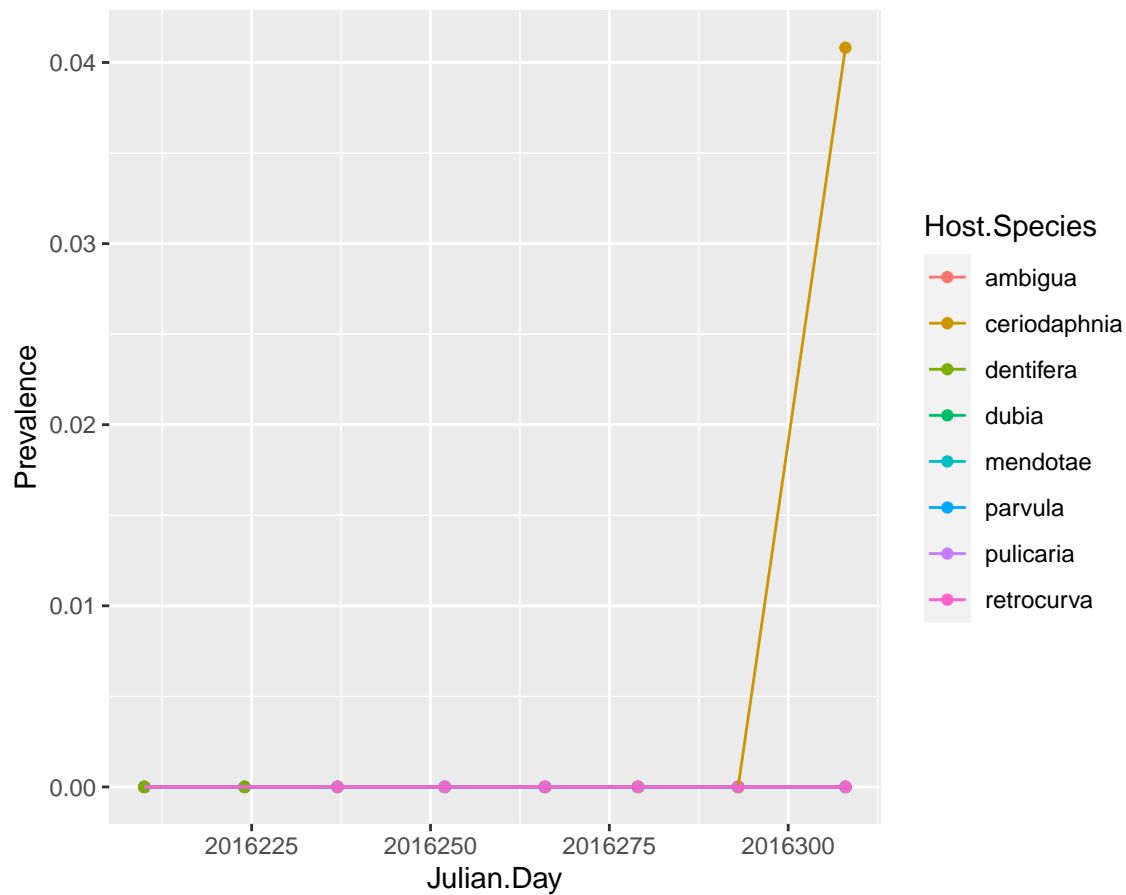


pasteuriaWoodland2015

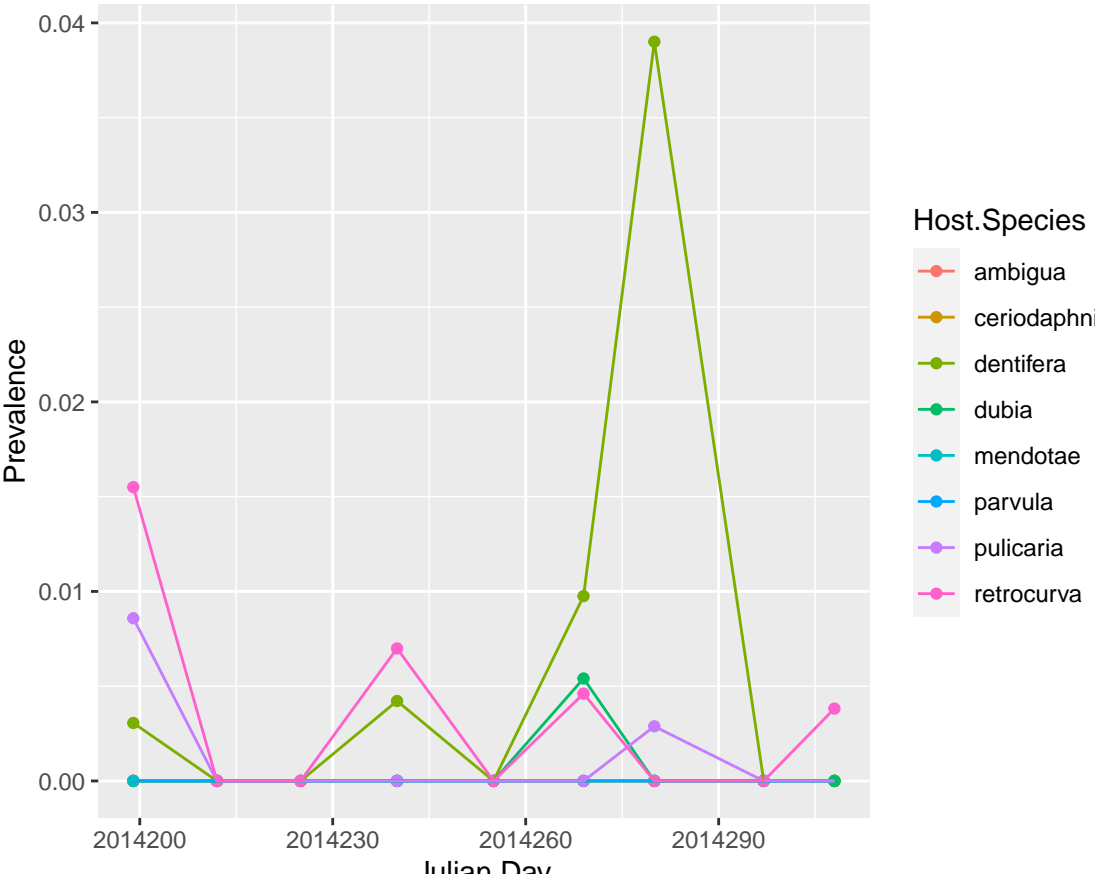


Host.Species

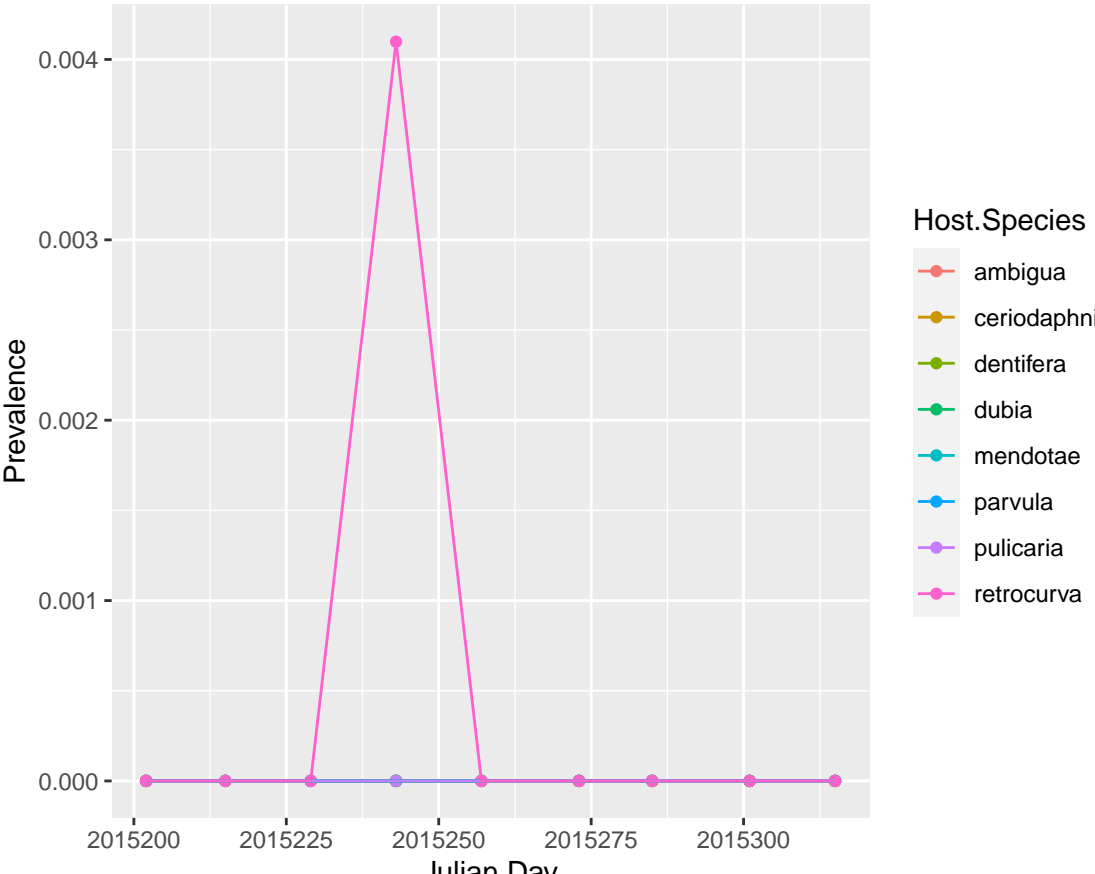
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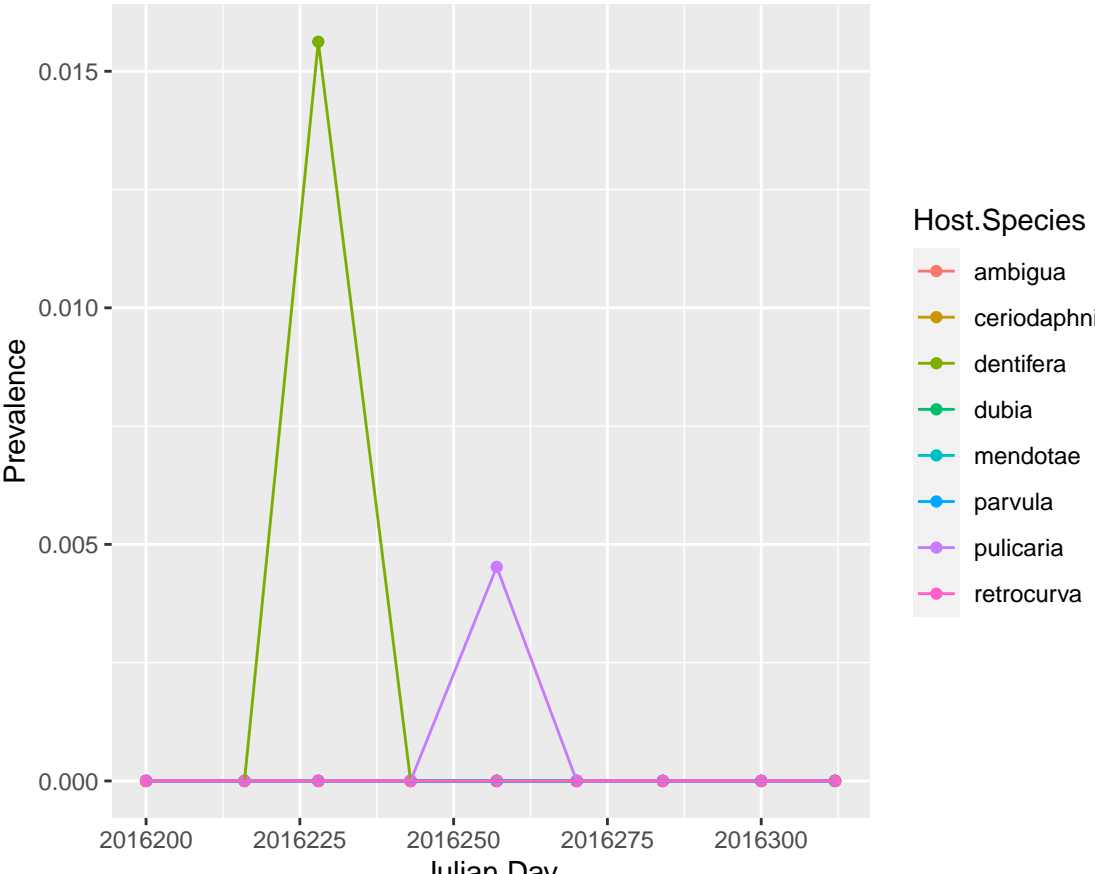
broodAppleton2014



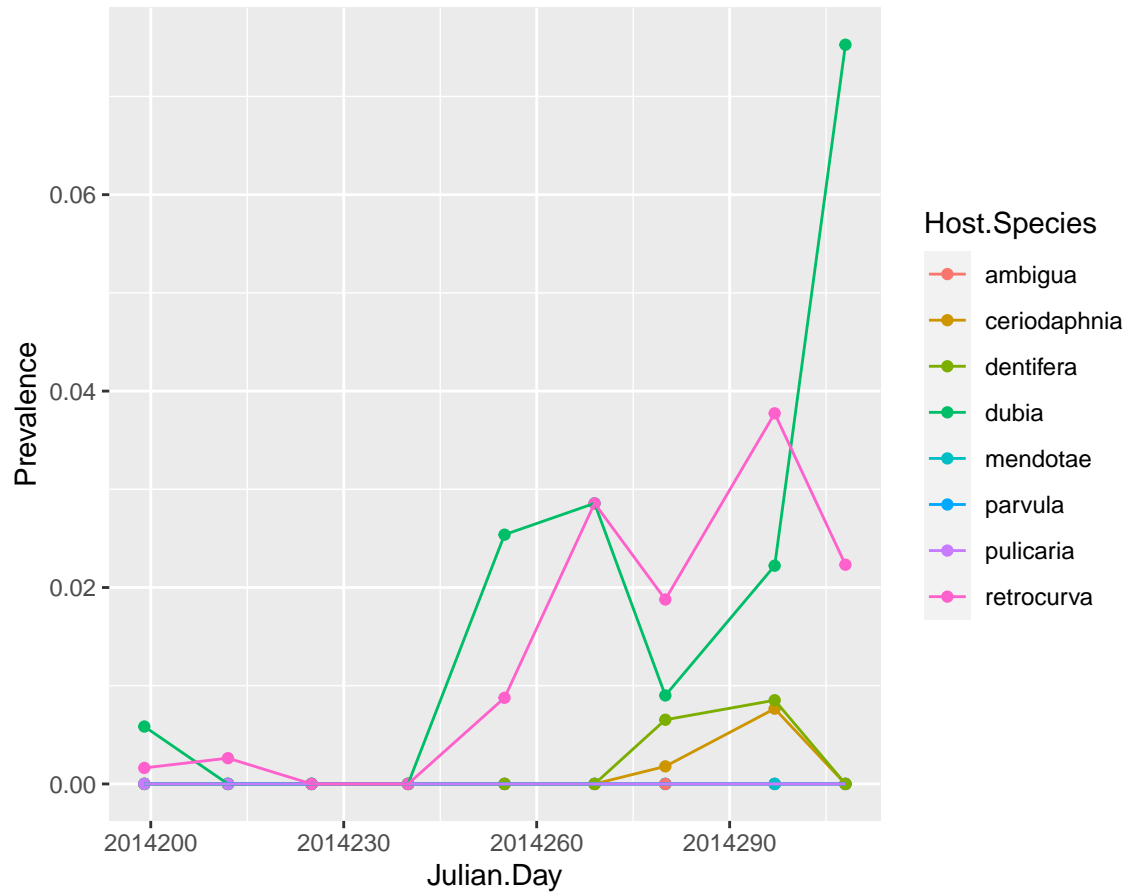
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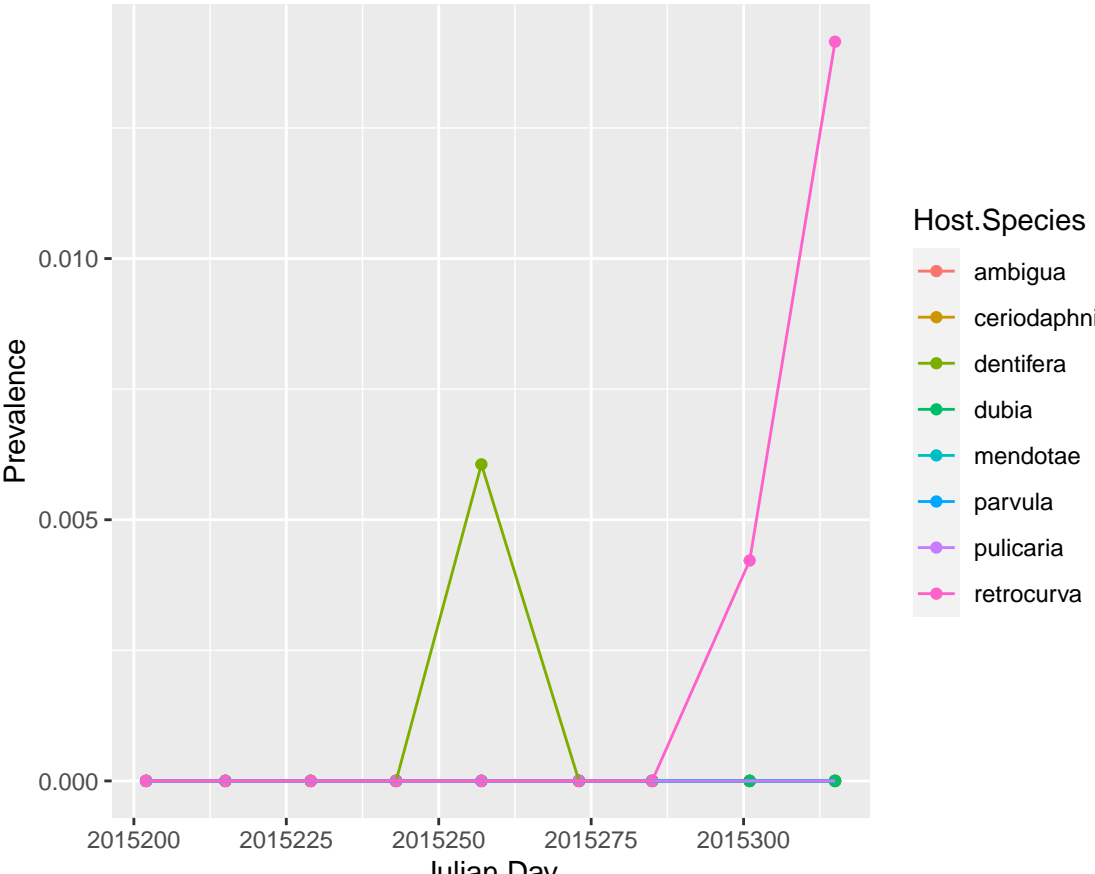
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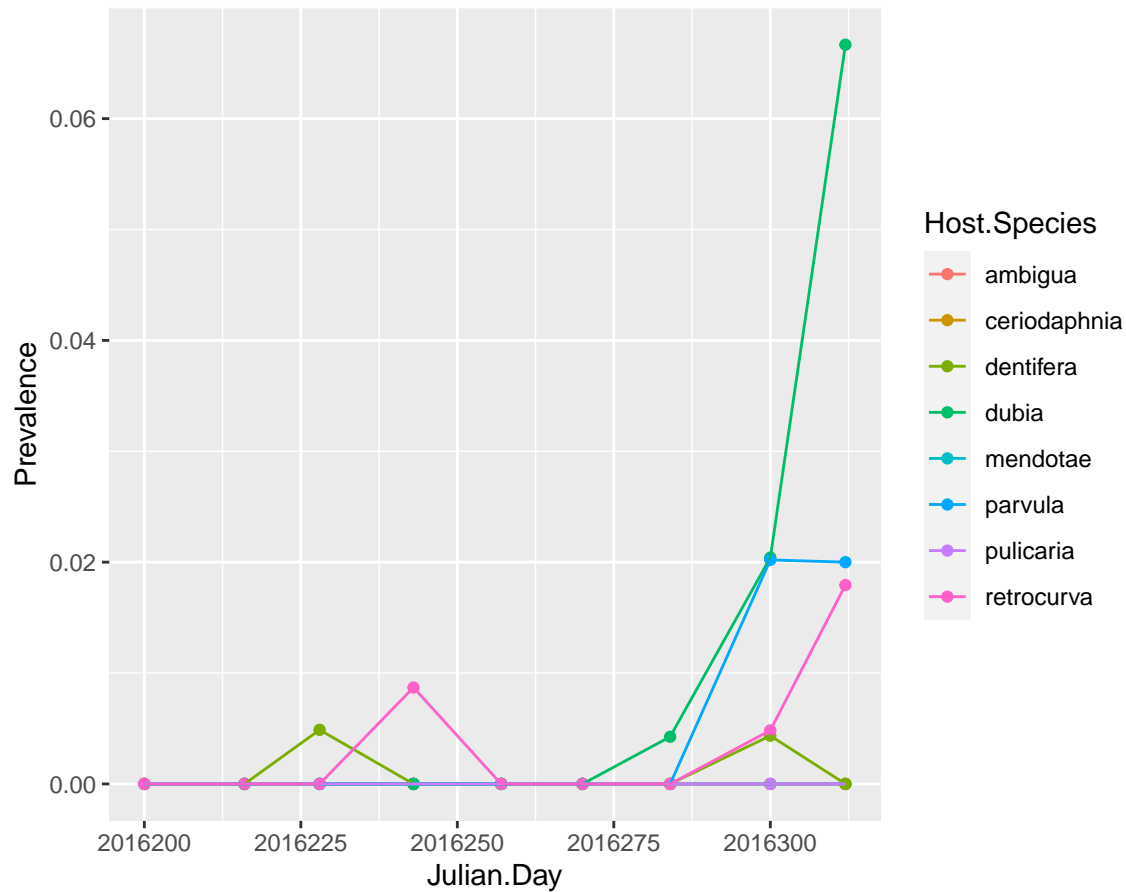
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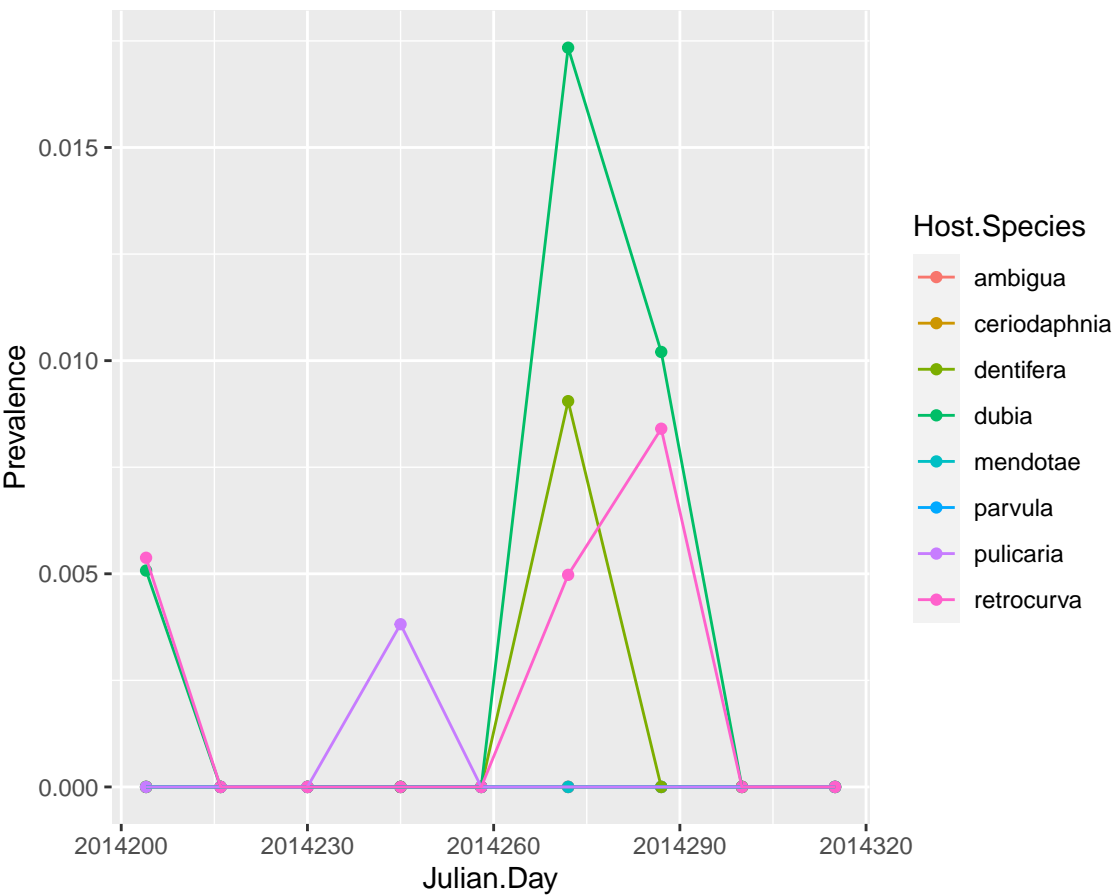
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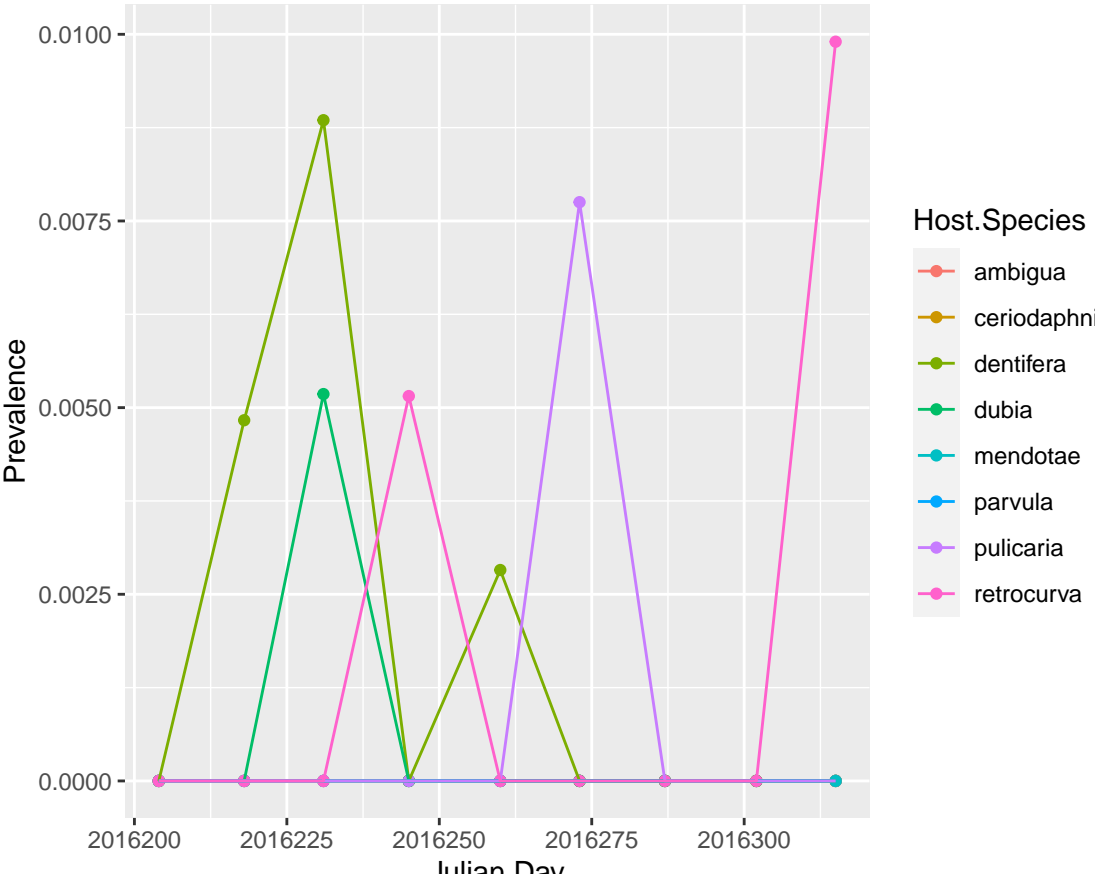
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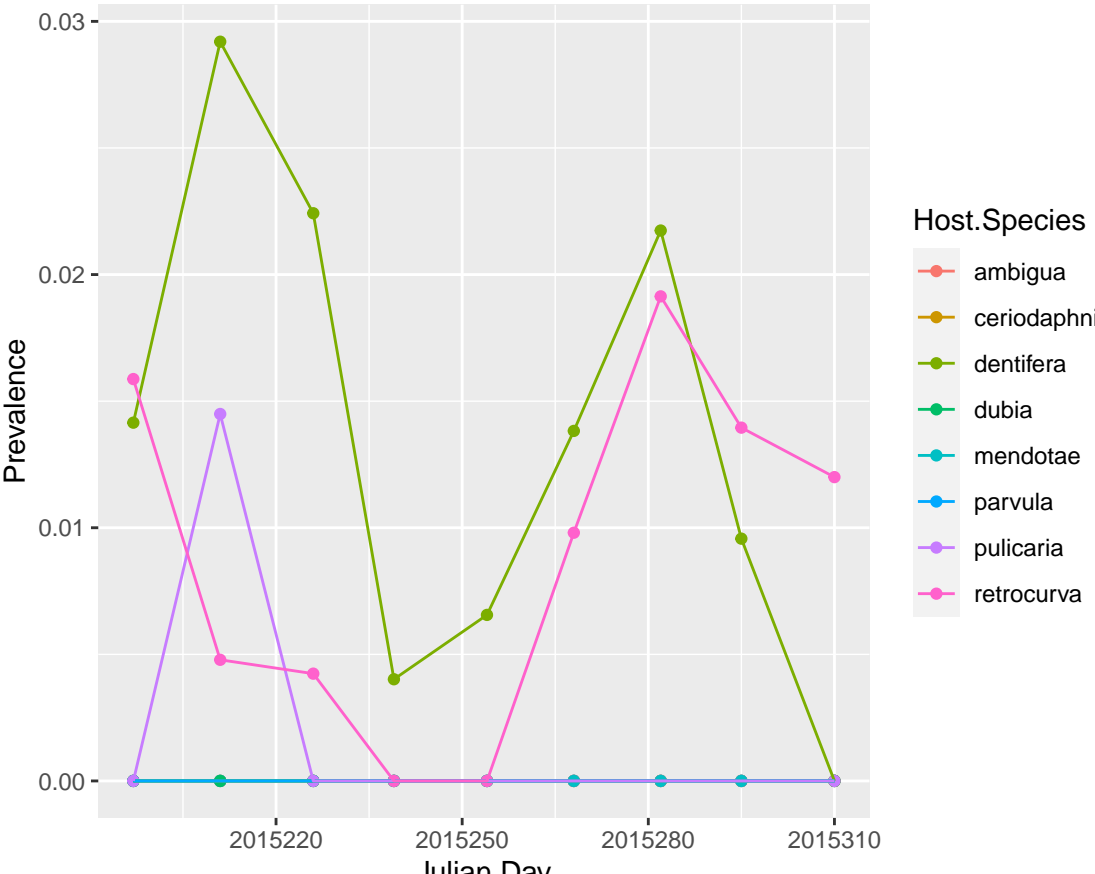
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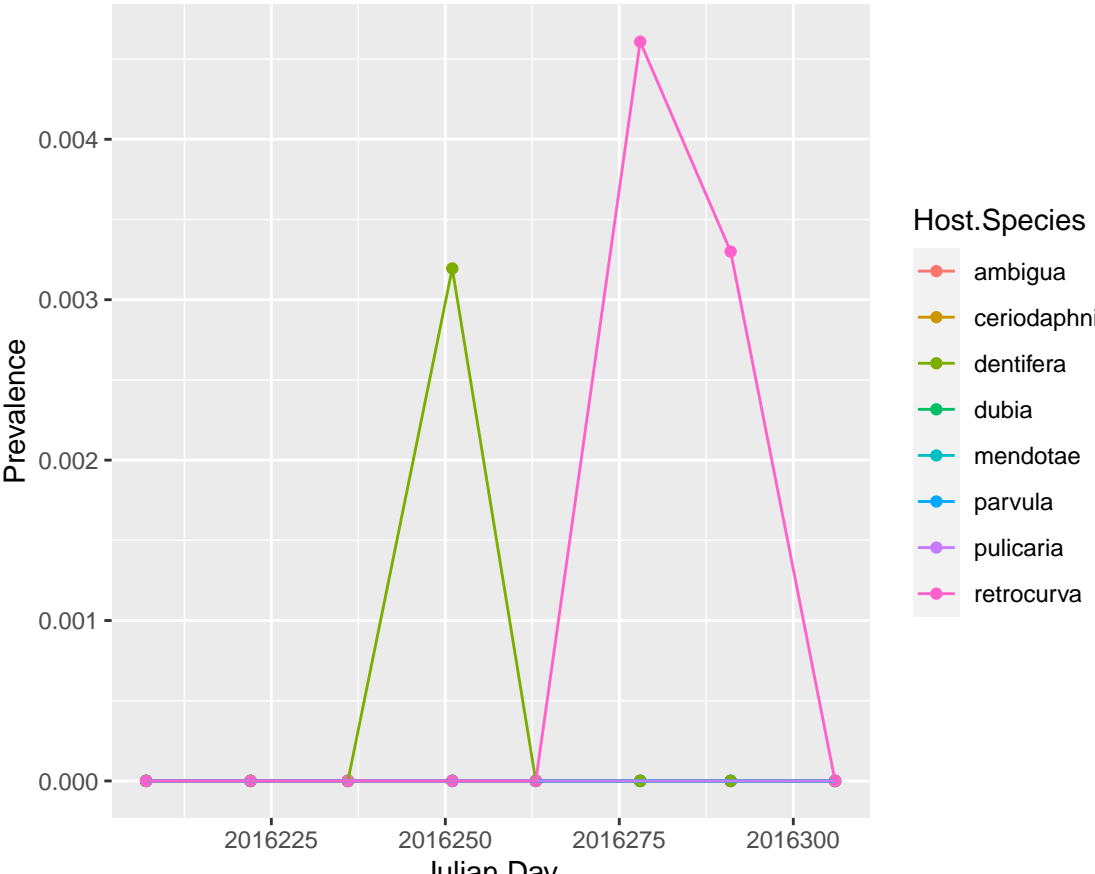
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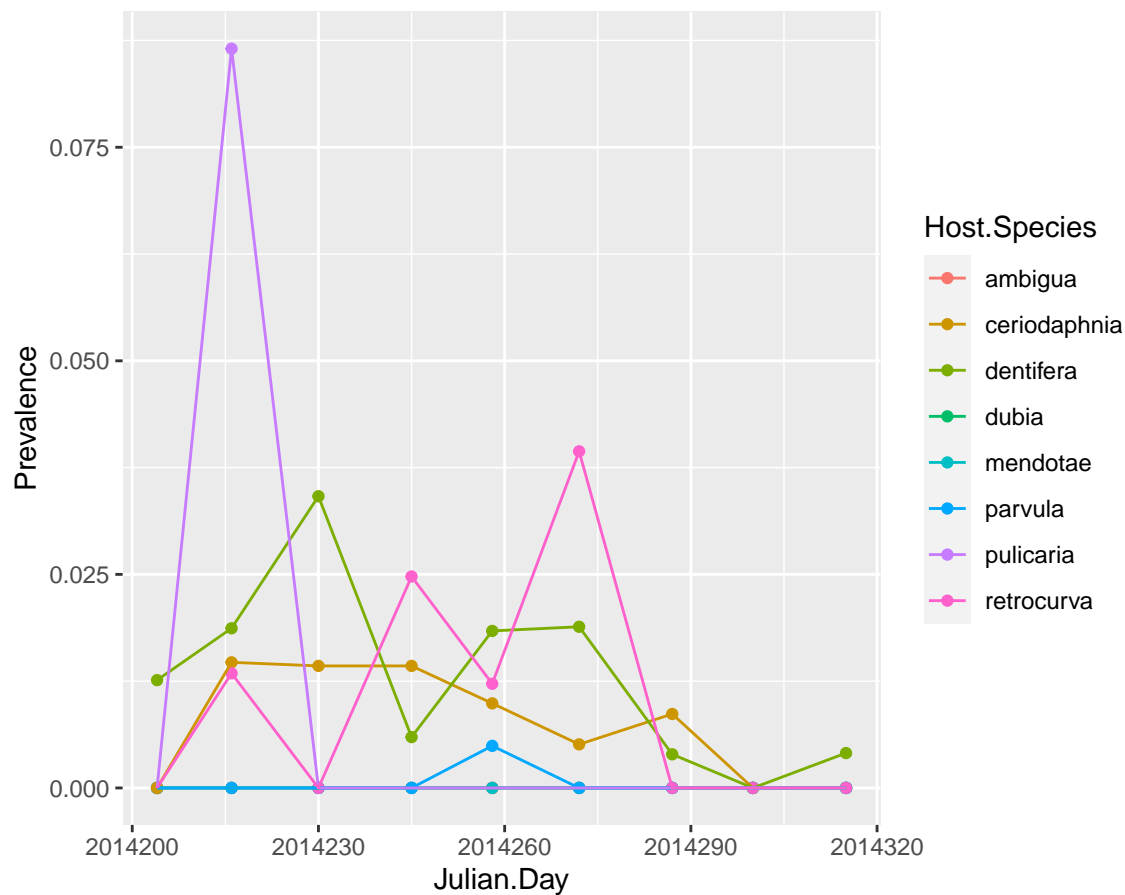
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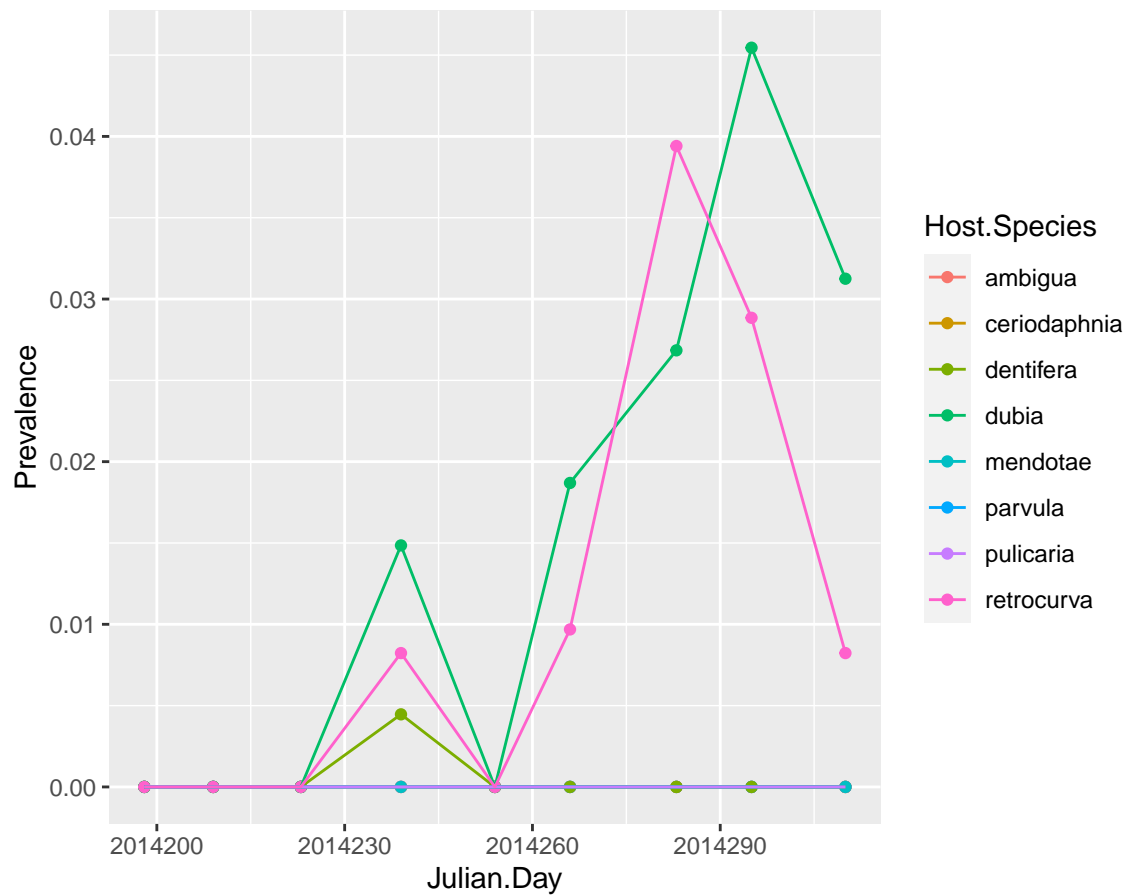
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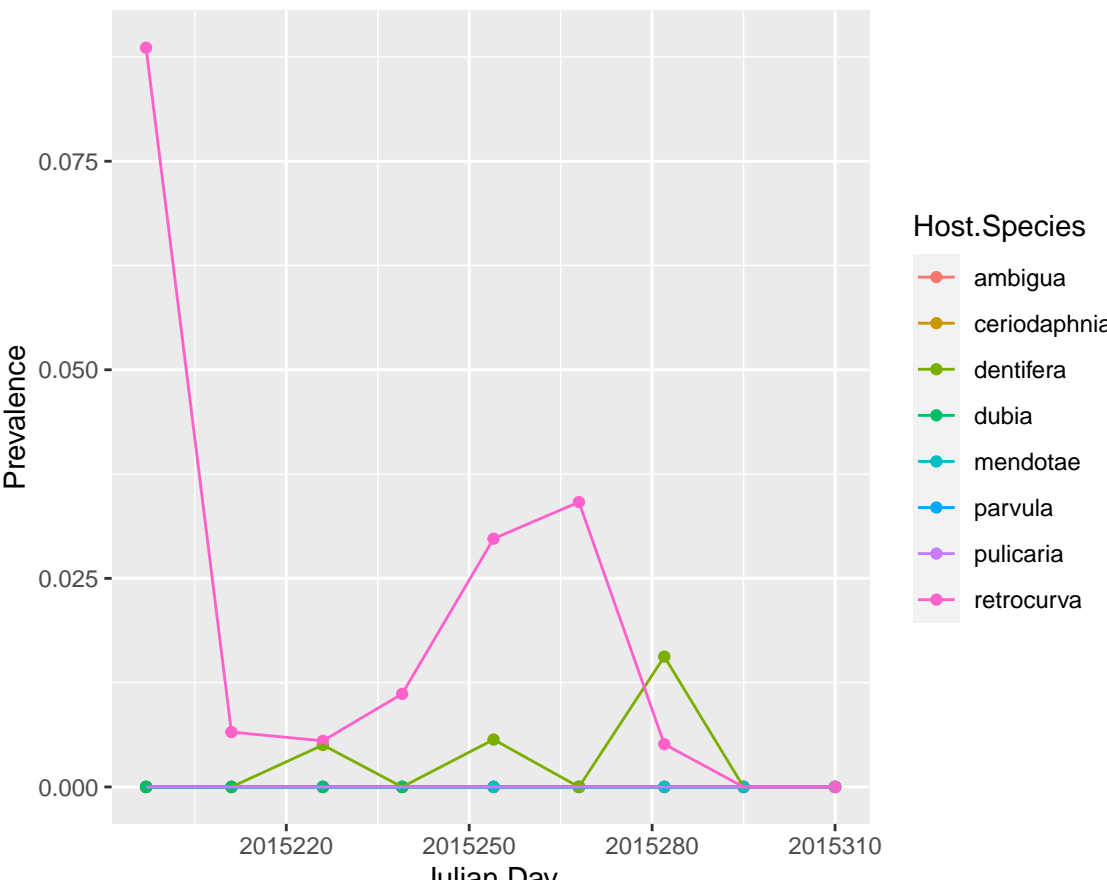
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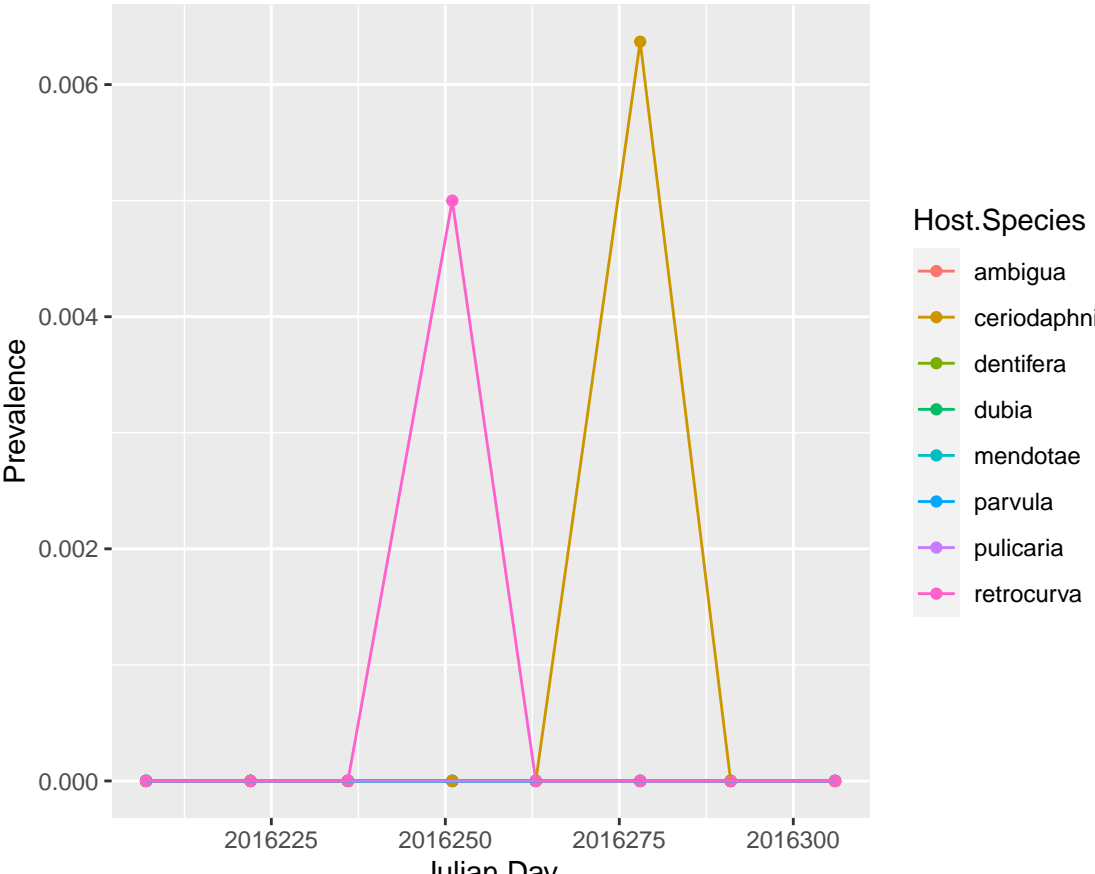
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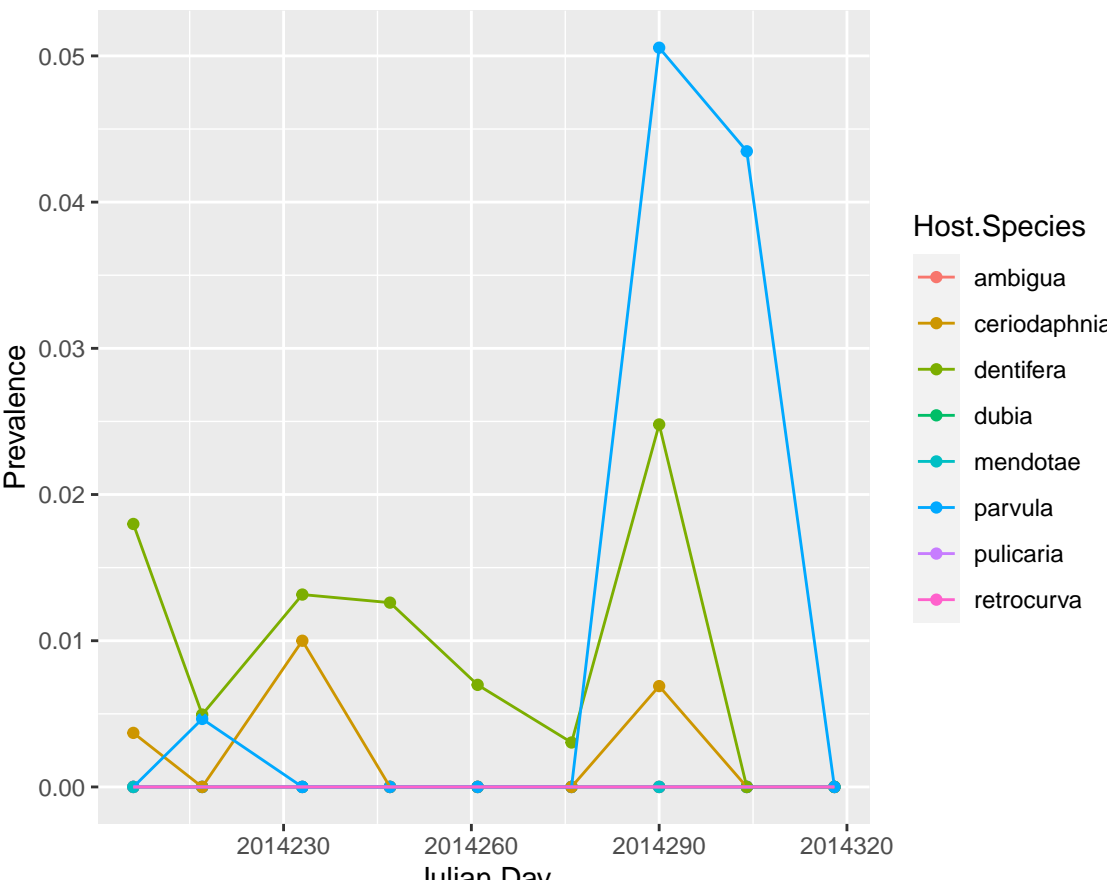
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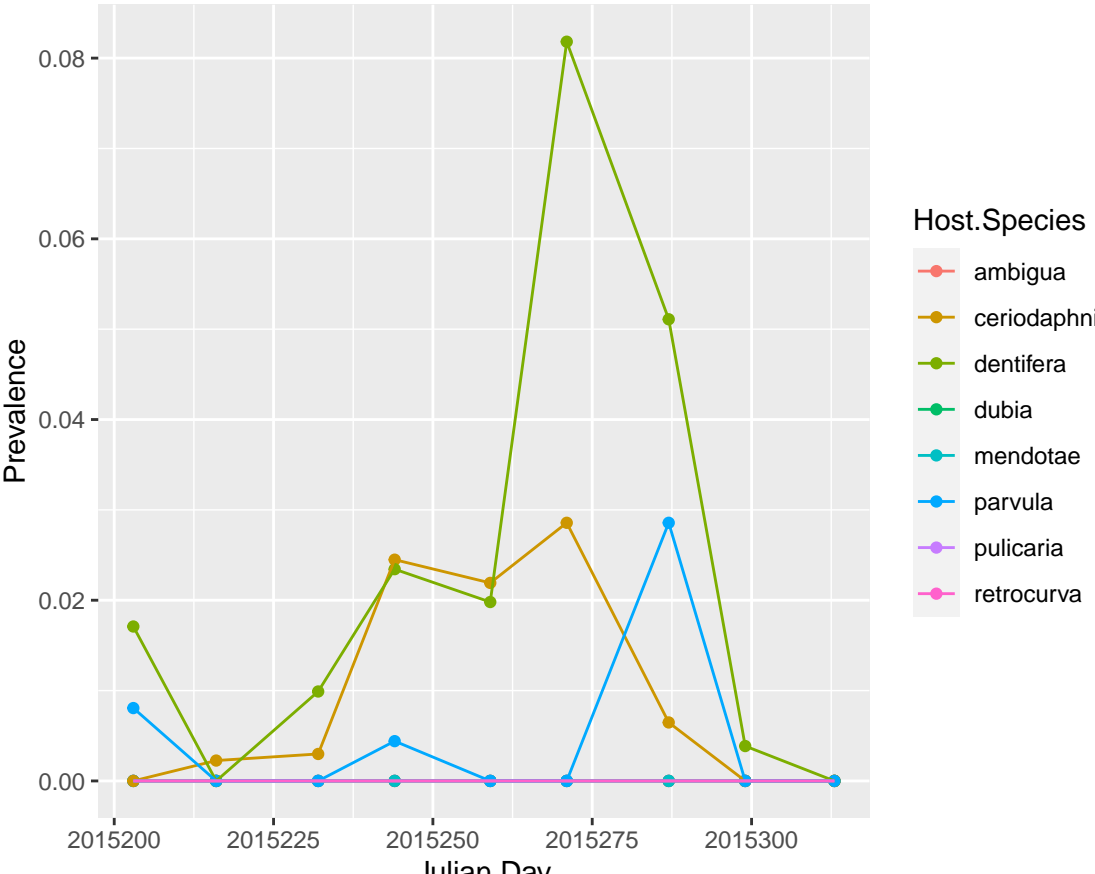
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broodGosling2014



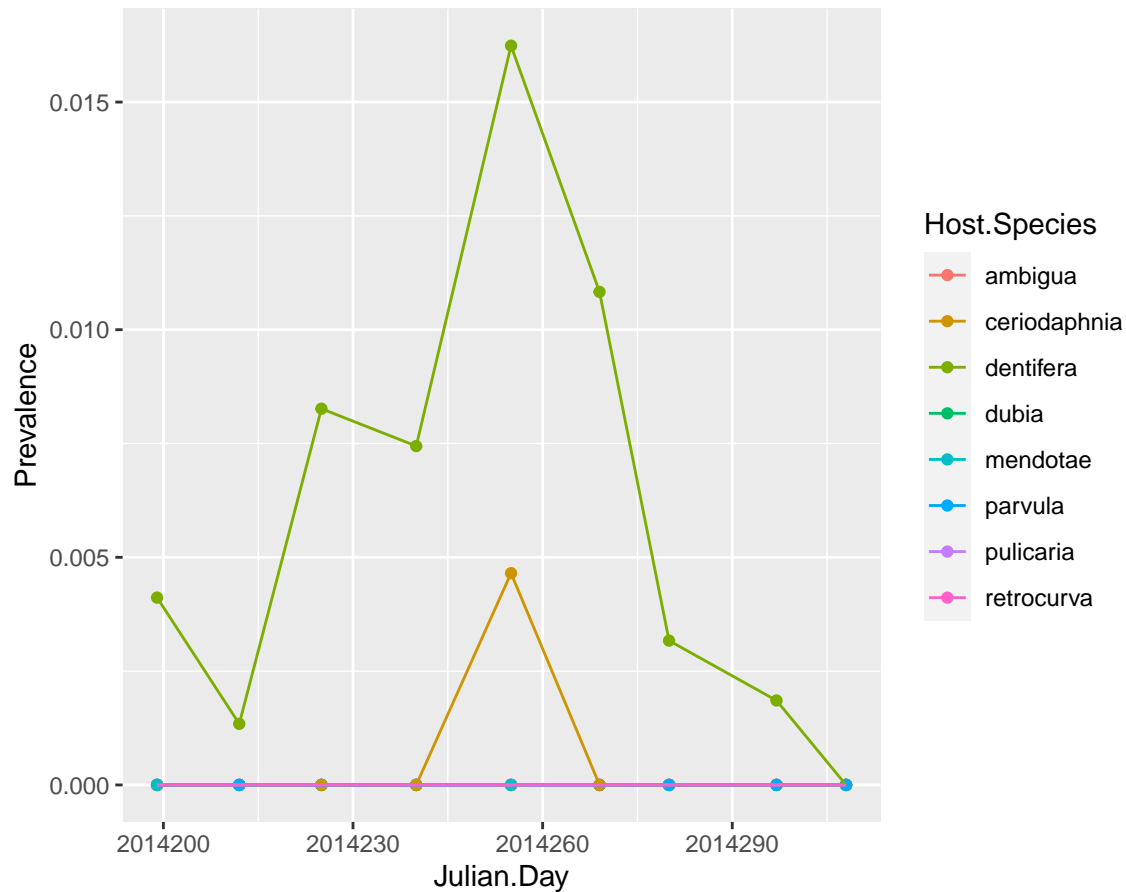
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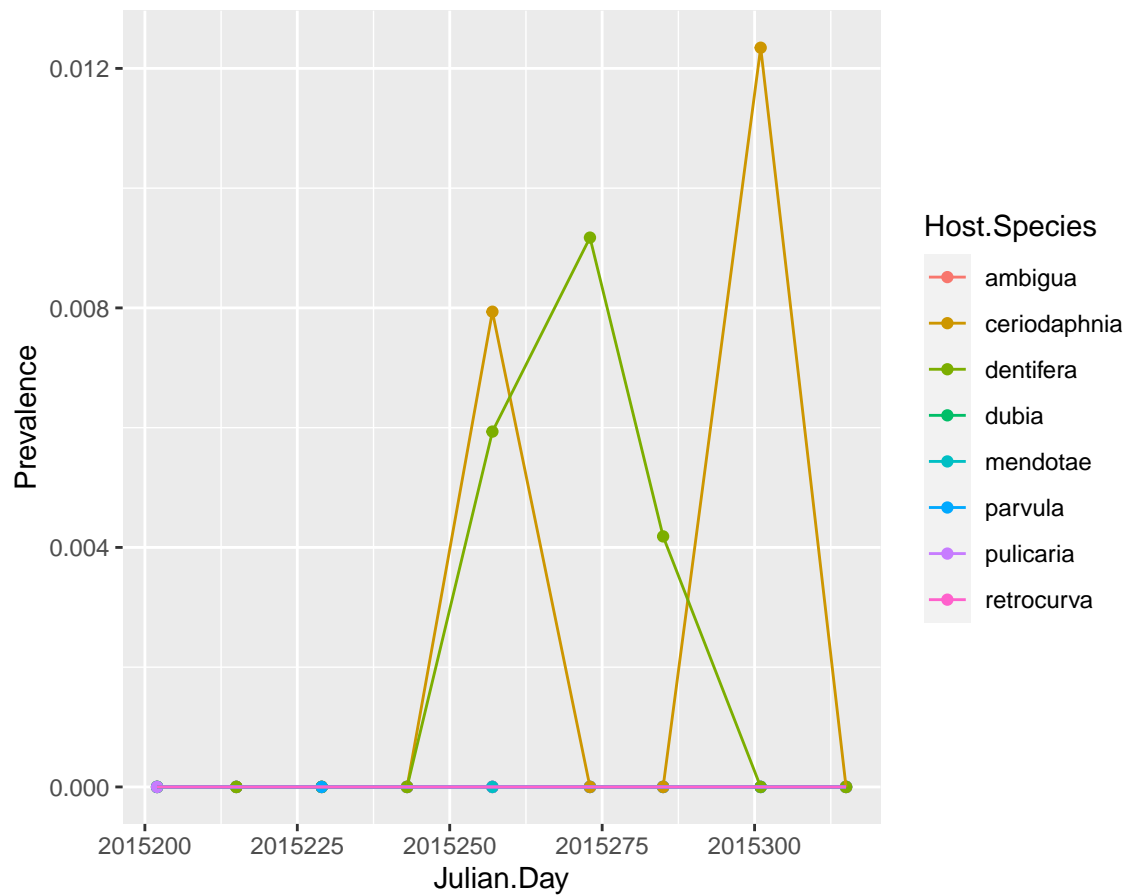
The graph displays three data series over a period of Julian Days from 2016225 to 2016300. The blue series has a prominent peak near Julian Day 2016245. The green series peaks around Julian Day 2016225. The orange series shows a significant peak around Julian Day 2016255. All three series exhibit a return to baseline after their respective peaks.

-  ambigua
-  ceriodaphnia
-  dentifera
-  dubia
-  mendotae
-  parvula
-  pulicaria
-  retrocurva

broodLittleAppleton2014



broodLittleAppleton2015



broodLittleAppleton2016

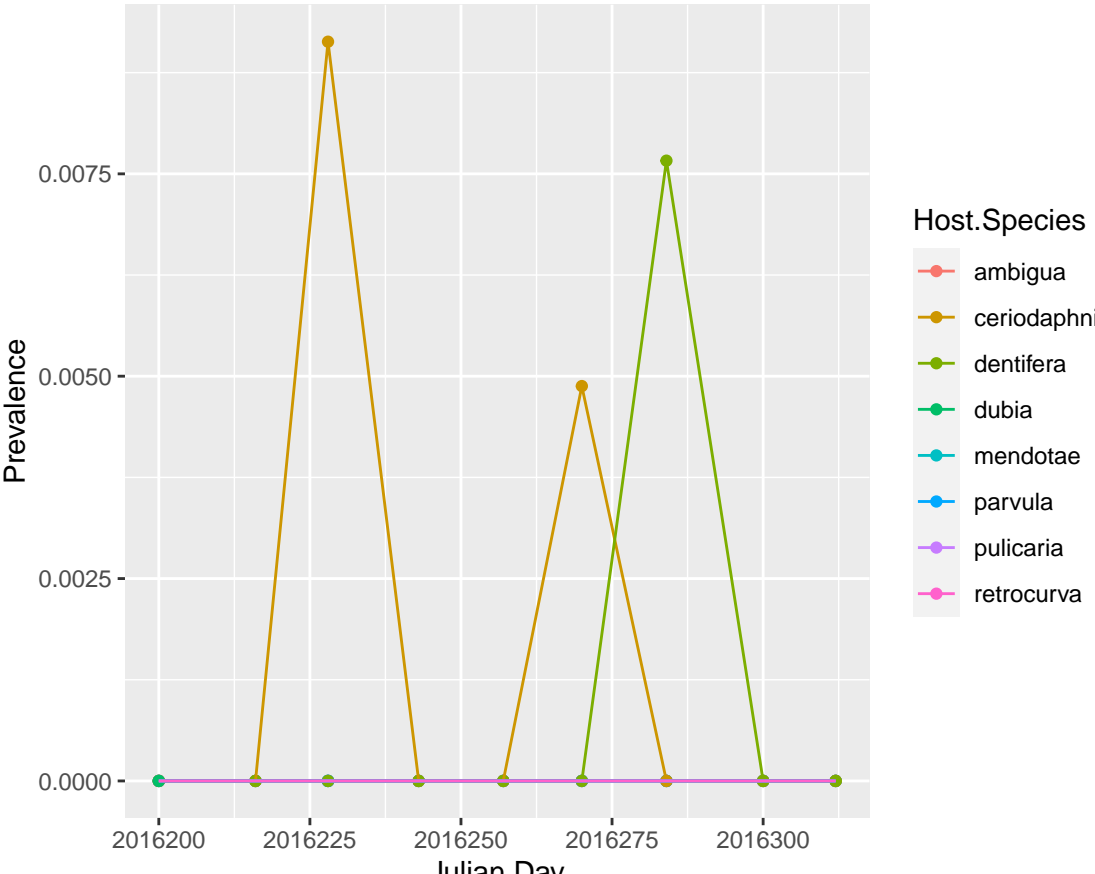




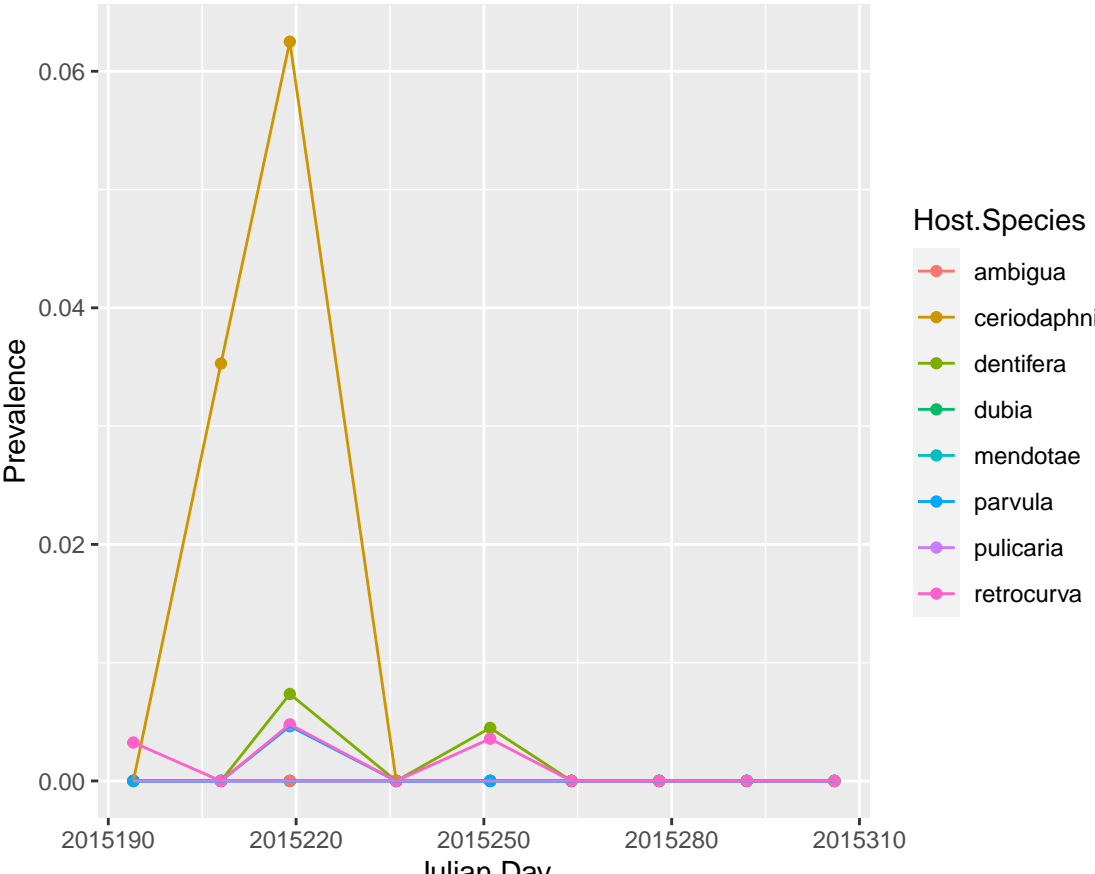


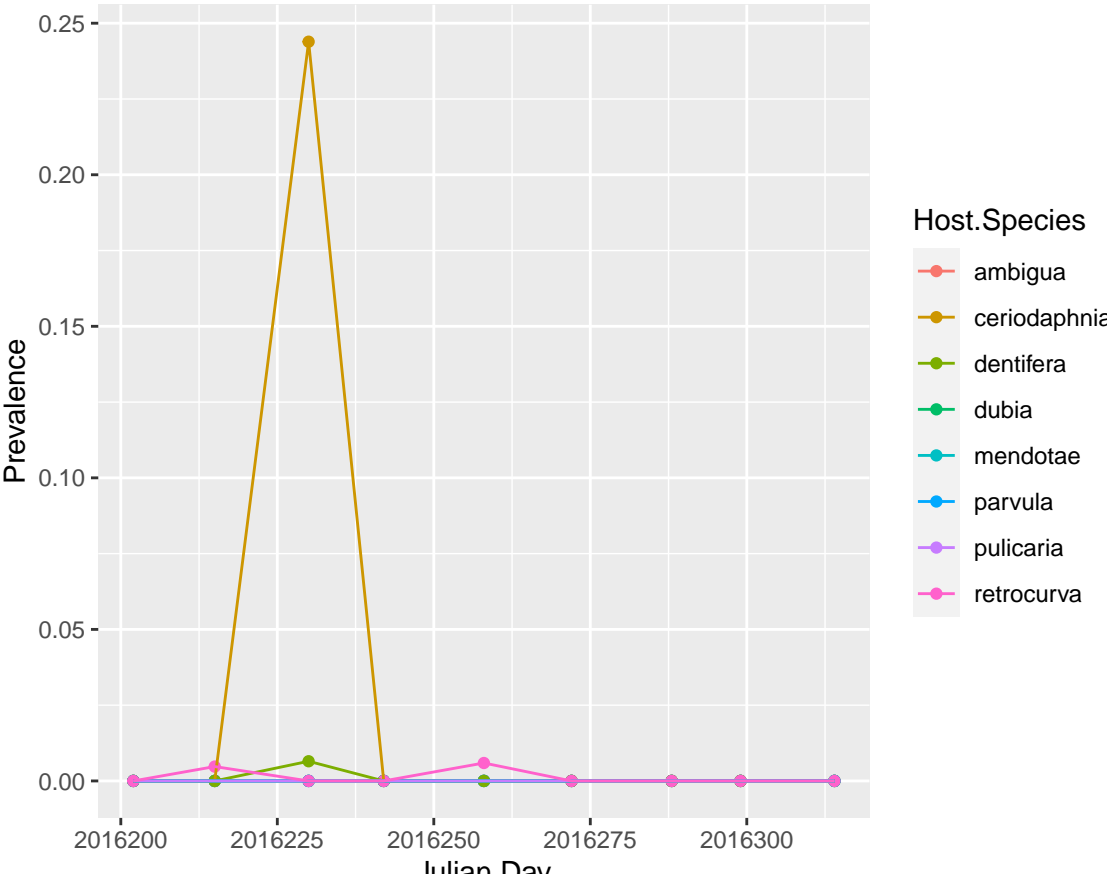
Figure 1: A line graph showing the evolution of the number of active cases (N) over time (Julian Day) for the 2014-2015 season. The x-axis represents Julian Day from 2014200 to 2014290. The y-axis represents the number of active cases, with a scale break between 100 and 1000. Five data series are plotted: a brown line (highest peak), a blue line, a green line, a pink line, and a purple line (lowest). The brown line peaks sharply at approximately 1000 cases around Julian Day 2014215. The blue line peaks at approximately 200 cases around Julian Day 2014215. The green line peaks at approximately 100 cases around Julian Day 2014225. The pink line peaks at approximately 50 cases around Julian Day 2014285. The purple line remains near zero throughout the period.

-  ambigua
-  ceriodaphnia
-  dentifera
-  dubia
-  mendotae
-  parvula
-  pulicaria
-  retrocurva

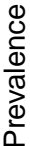
broodMill2015



broodMill2016

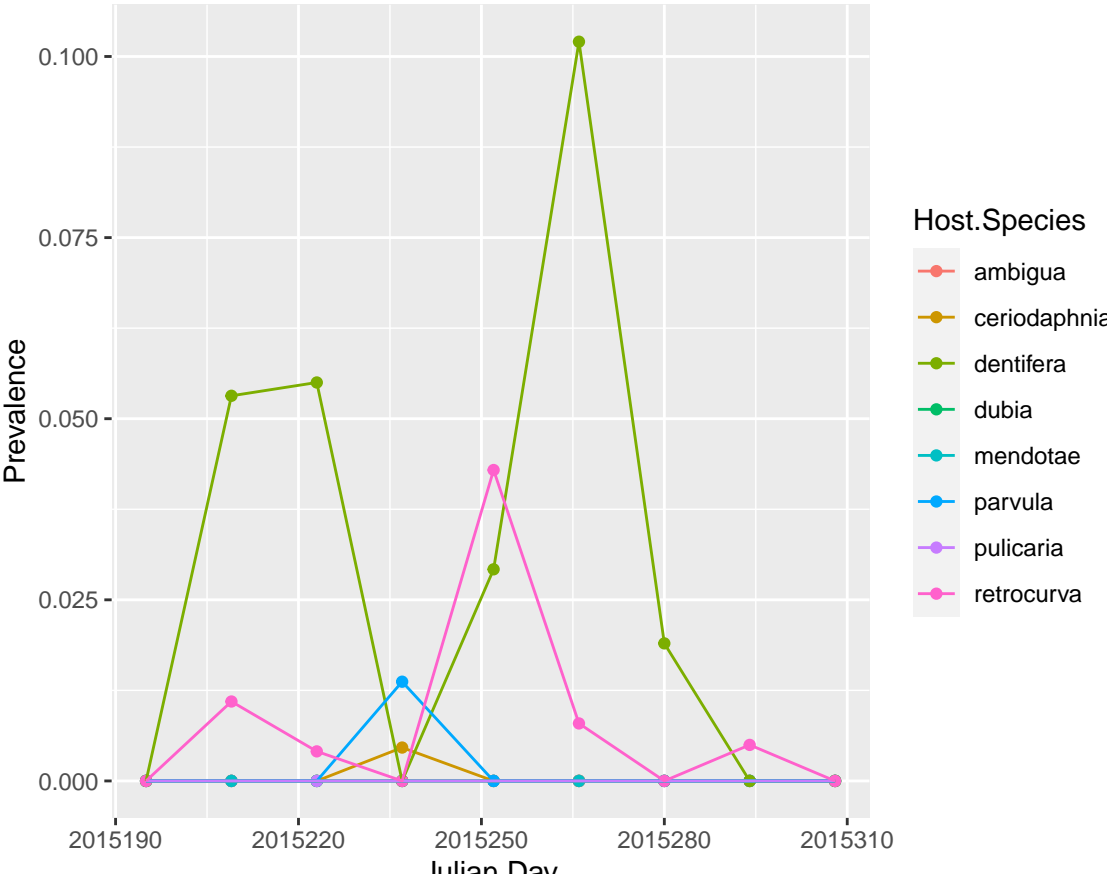


broodNorth2014

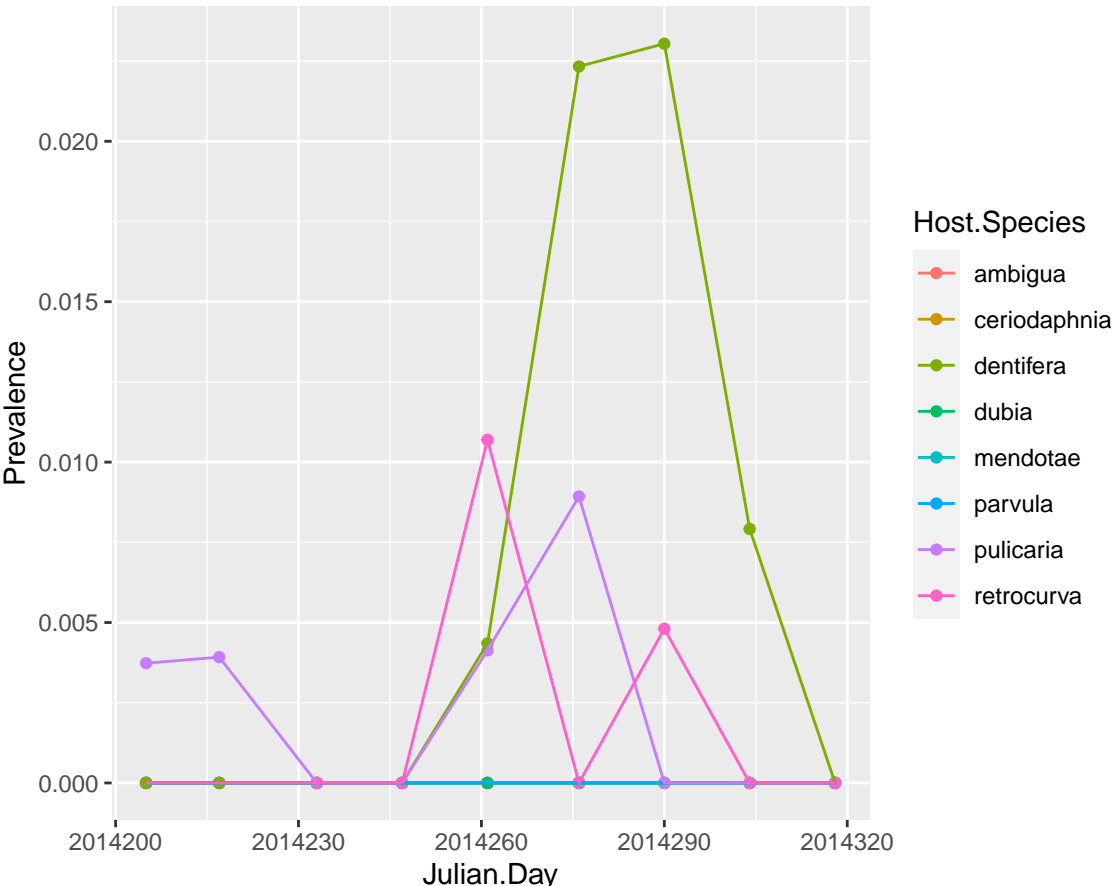


Host.Species

broodNorth2015



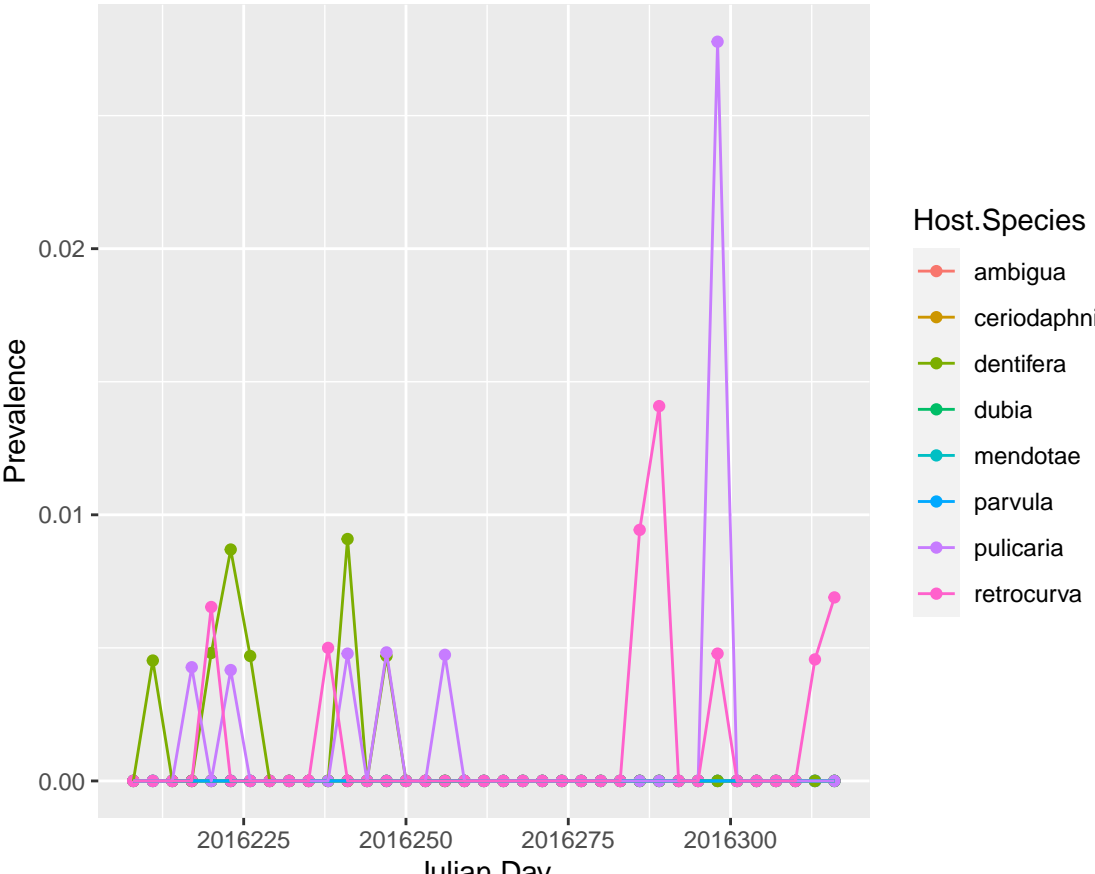
broodPickerel2014



broodPickerel2015



broodPickerel2016

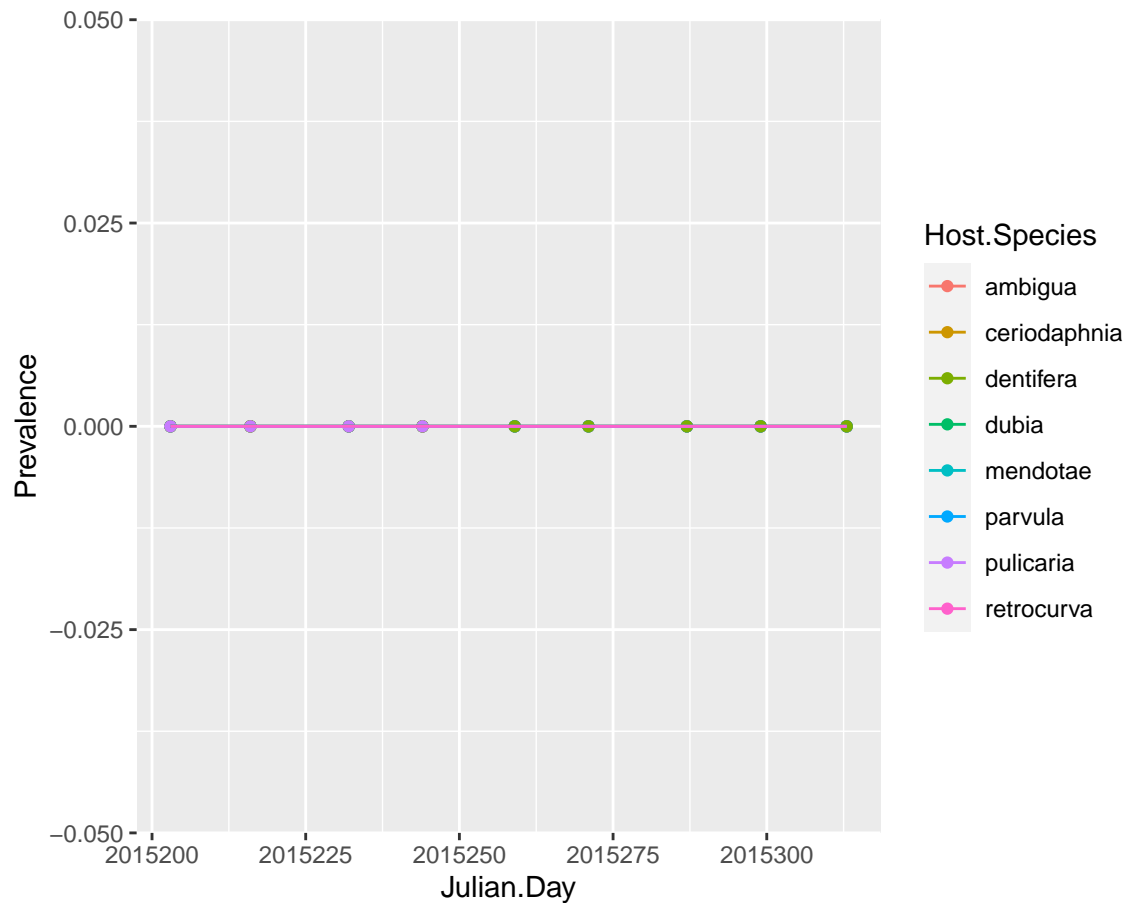


The plot displays the variation of the normalized residual of the first harmonic, \hat{r}_1 , over time. The x-axis represents Julian Day, ranging from 2014230 to 2014300. The y-axis represents \hat{r}_1 , ranging from -0.0005 to 0.0005. The residual is zero for most of the period, with a sharp positive peak reaching approximately 0.00045 around Julian Day 2014250.

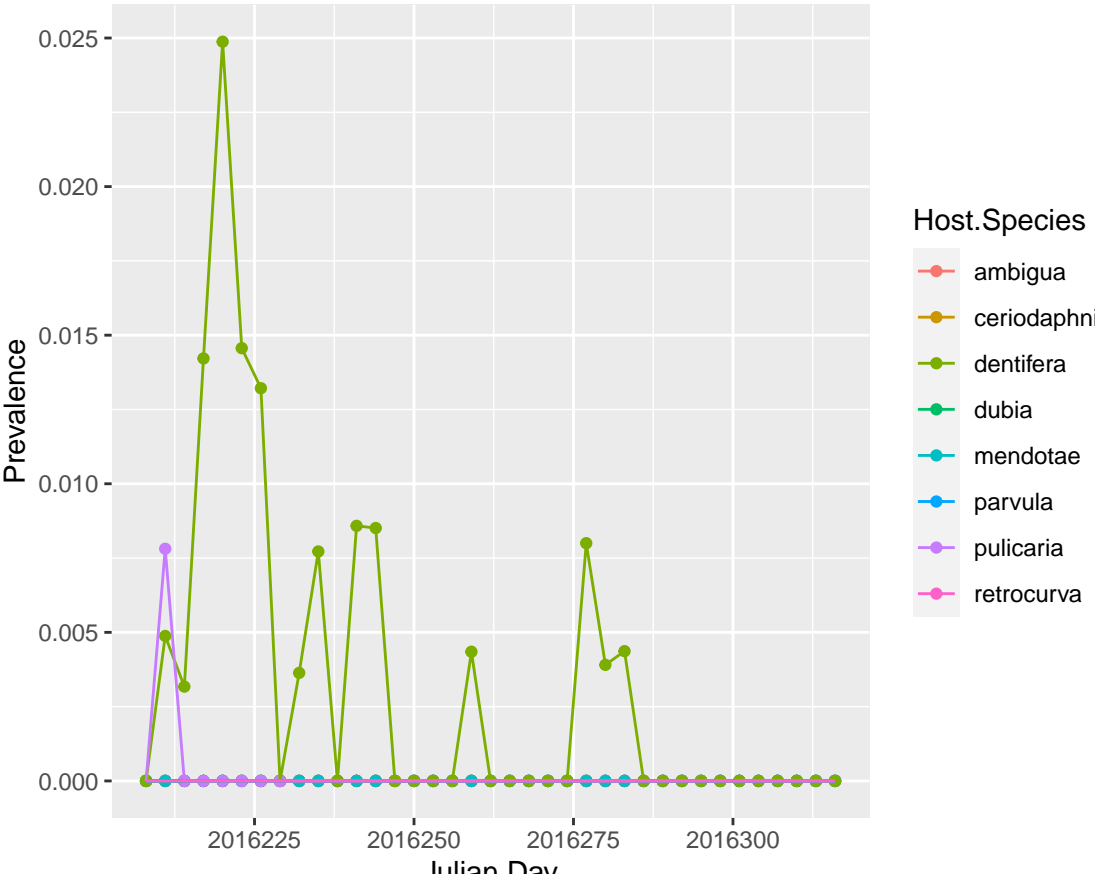
Julian.Day	\hat{r}_1
2014225	0.0000
2014230	0.0000
2014235	0.0000
2014240	0.0000
2014245	0.0000
2014250	0.00045
2014255	0.0000
2014260	0.0000
2014265	0.0000
2014270	0.0000
2014275	0.0000
2014280	0.0000
2014285	0.0000
2014290	0.0000
2014295	0.0000
2014300	0.0000

-  ambigua
-  ceriodaphnia
-  dentifera
-  dubia
-  mendotae
-  parvula
-  pulicaria
-  retrocurva




broodSullivan2015



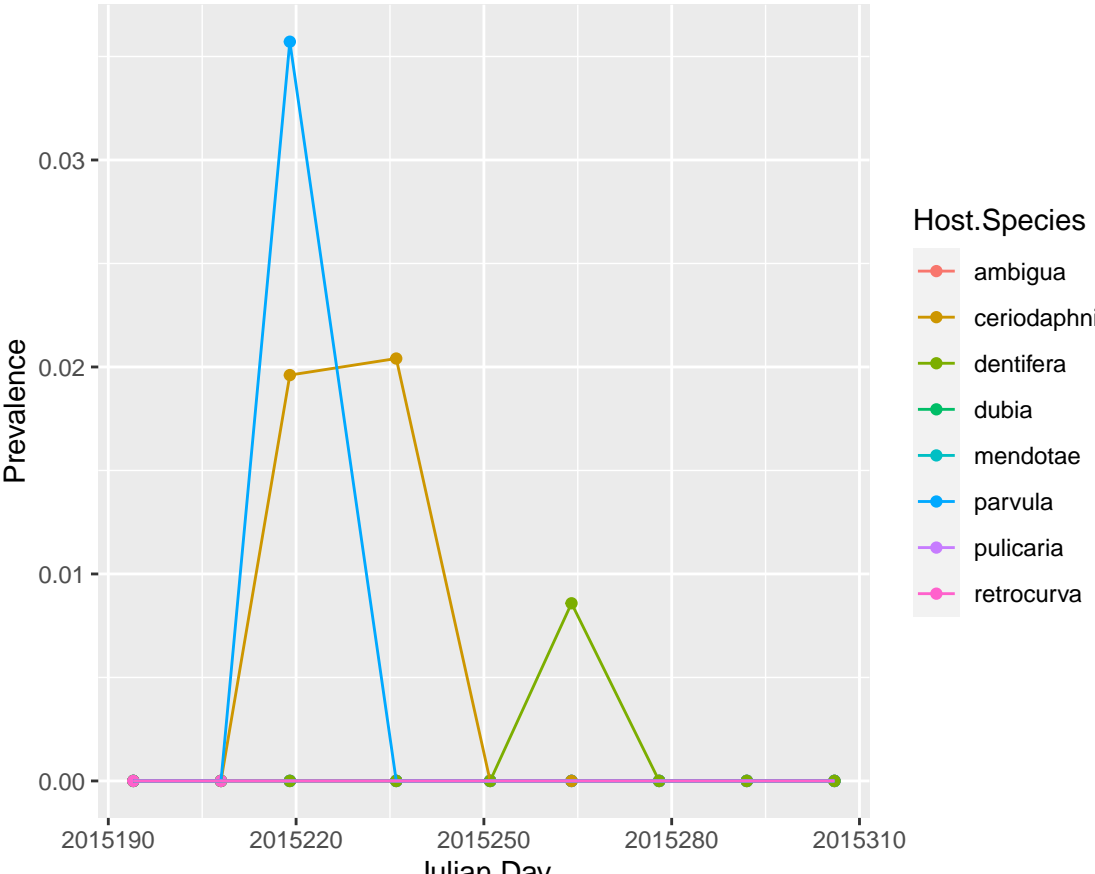
broodSullivan2016



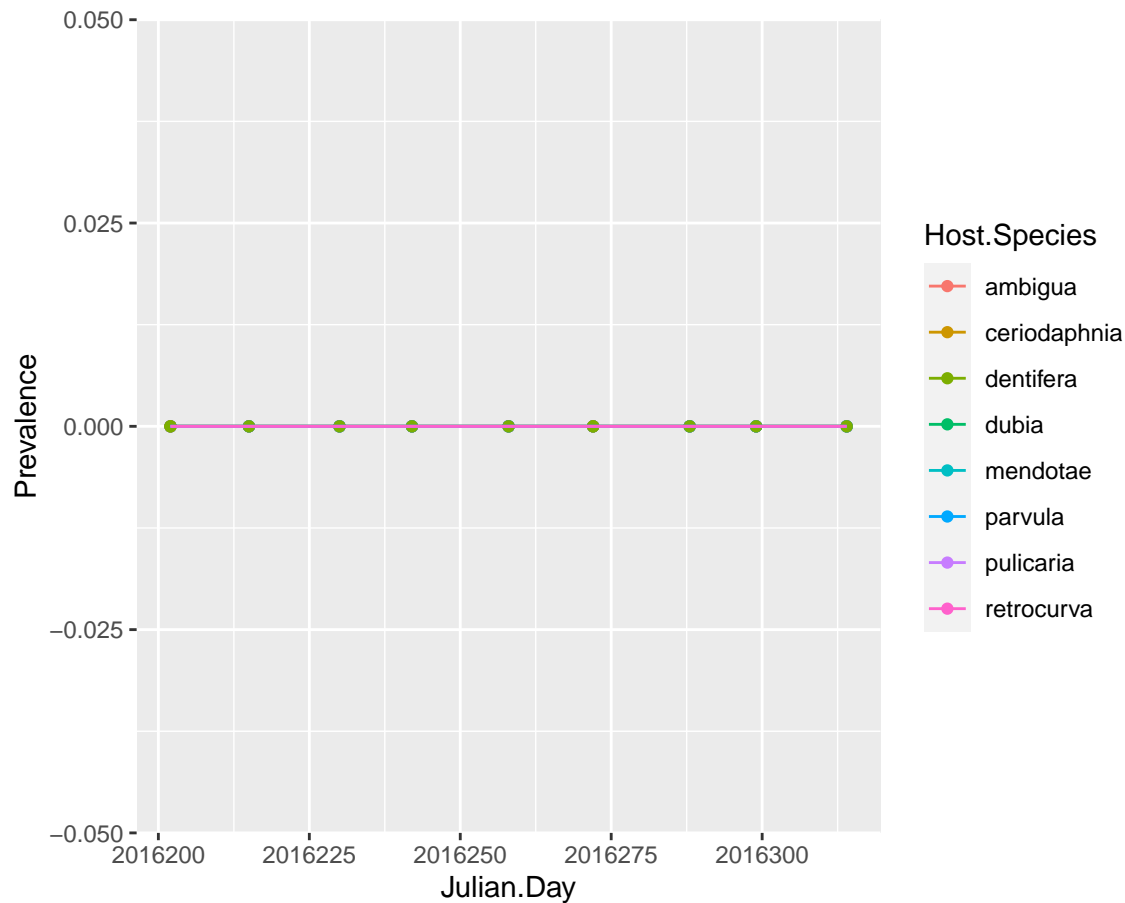
Julian.Day	Blue Line (Active Cases)	Green Line (Active Cases)	Red Line (Active Cases)
2014200	0	0	0
2014210	0	0	0
2014220	0	0	0
2014230	0	0	0
2014240	0	0	0
2014250	950	0	0
2014260	250	100	0
2014270	250	0	0
2014280	0	0	0
2014290	0	0	0

-  ambigua
-  ceriodaphnia
-  dentifera
-  dubia
-  mendotae
-  parvula
-  pulicaria
-  retrocurva

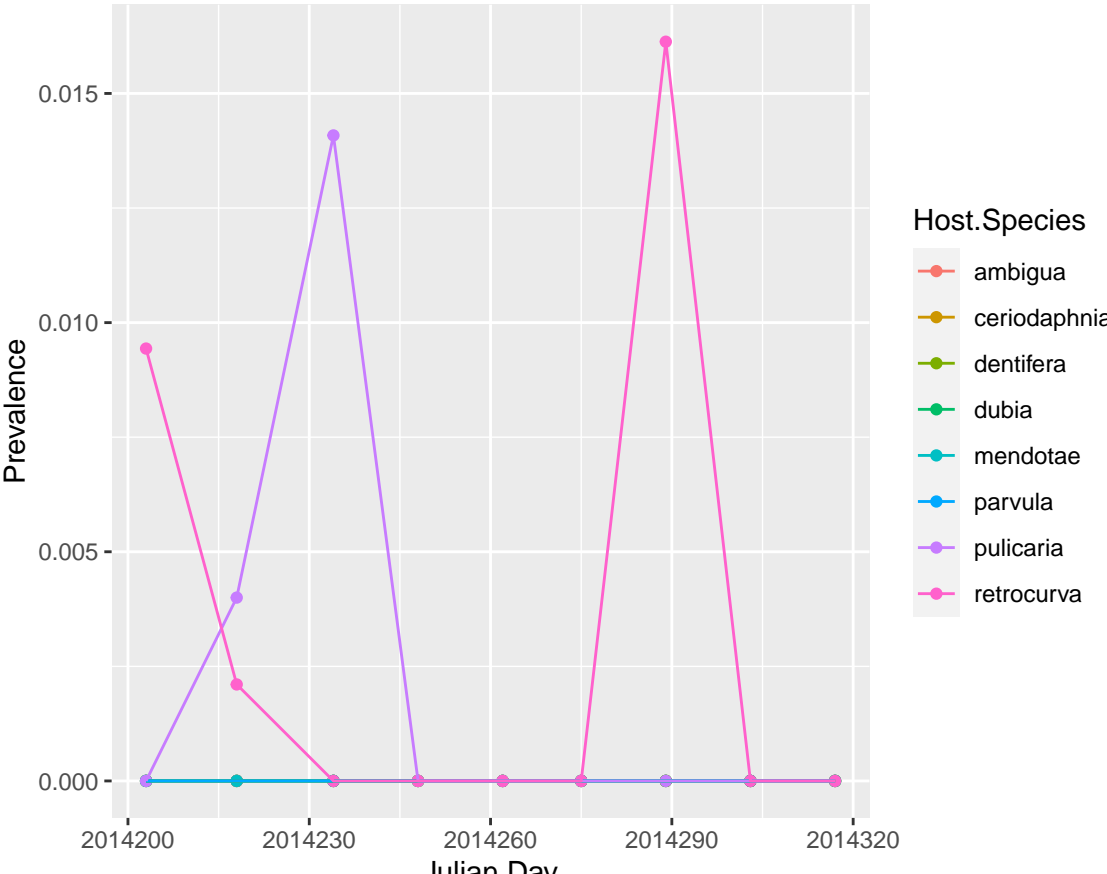
broodWalsh2015



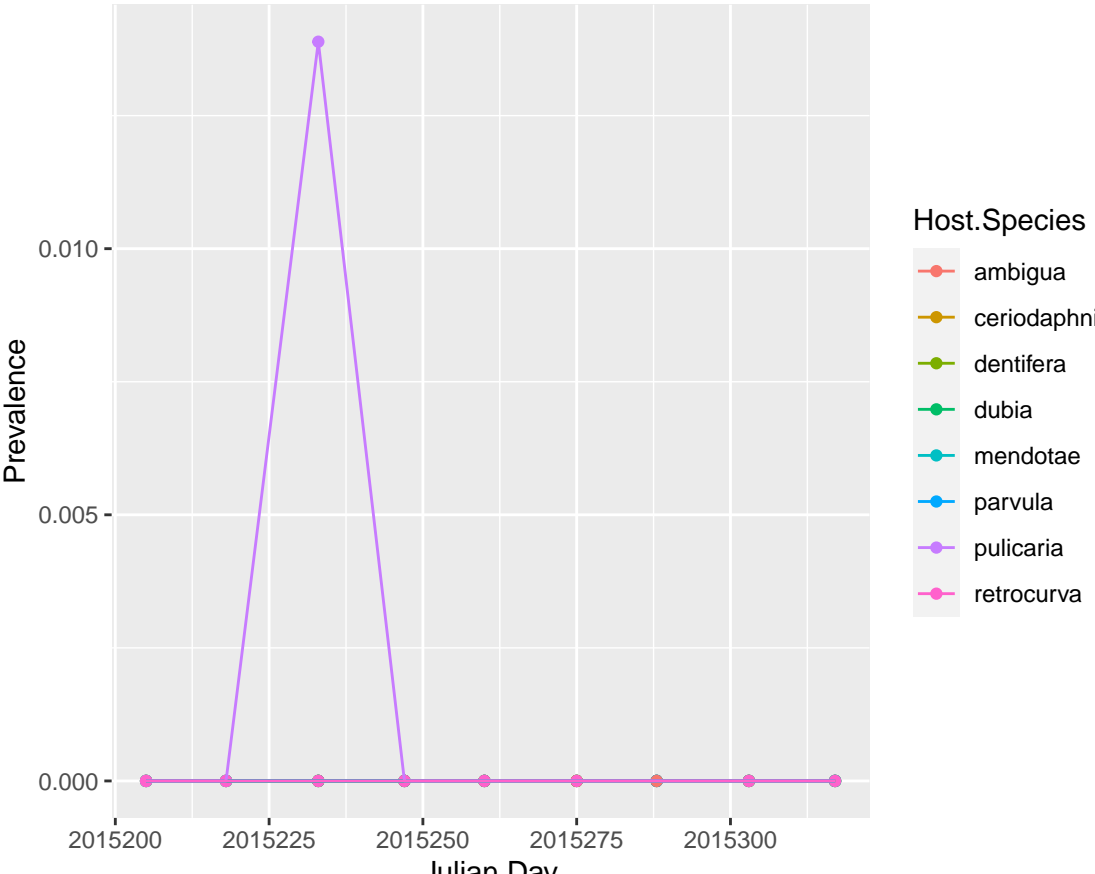
broodWalsh2016



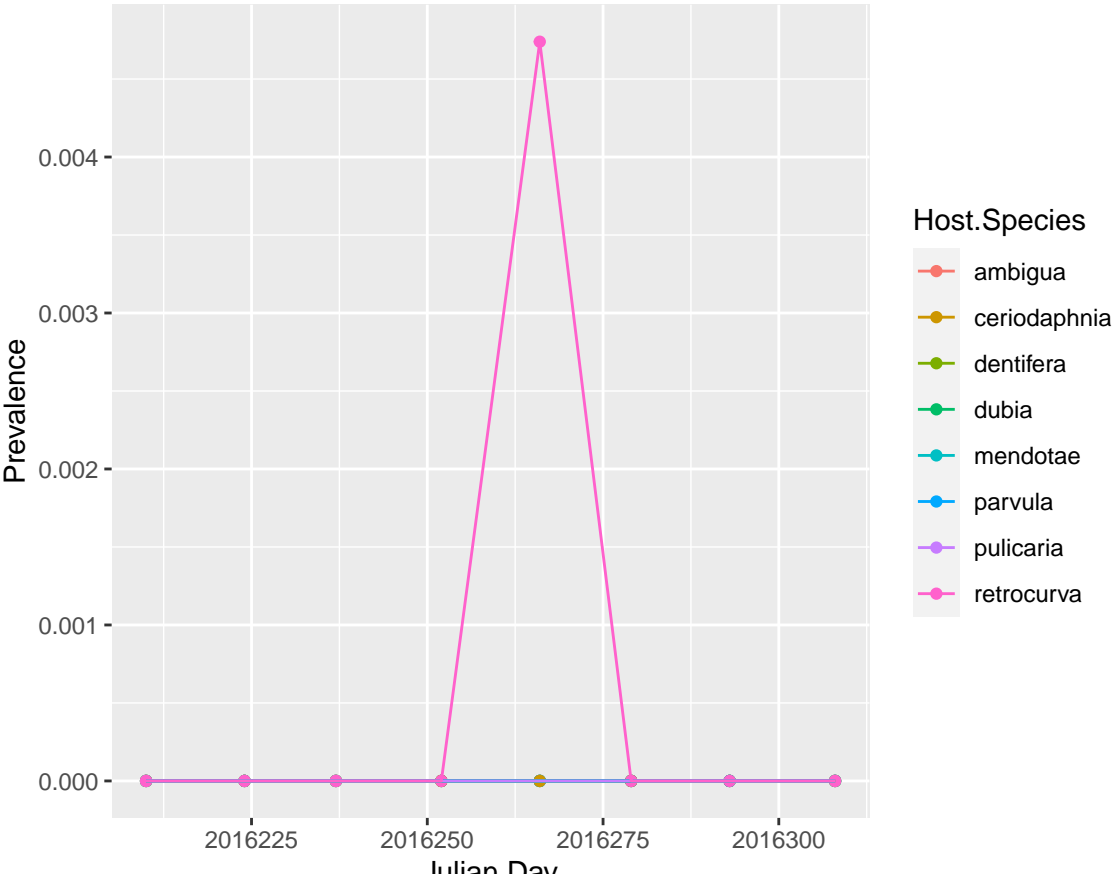
broodWhitmore2014



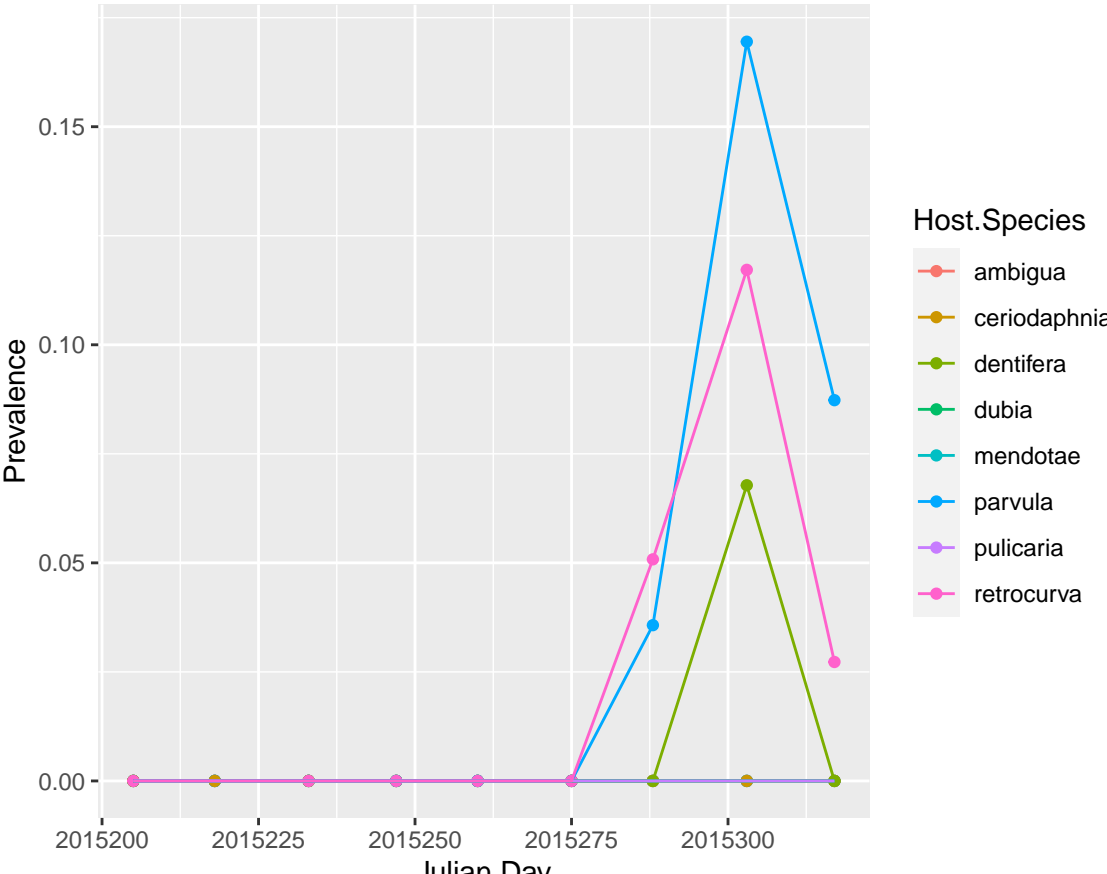
broodWhitmore2015



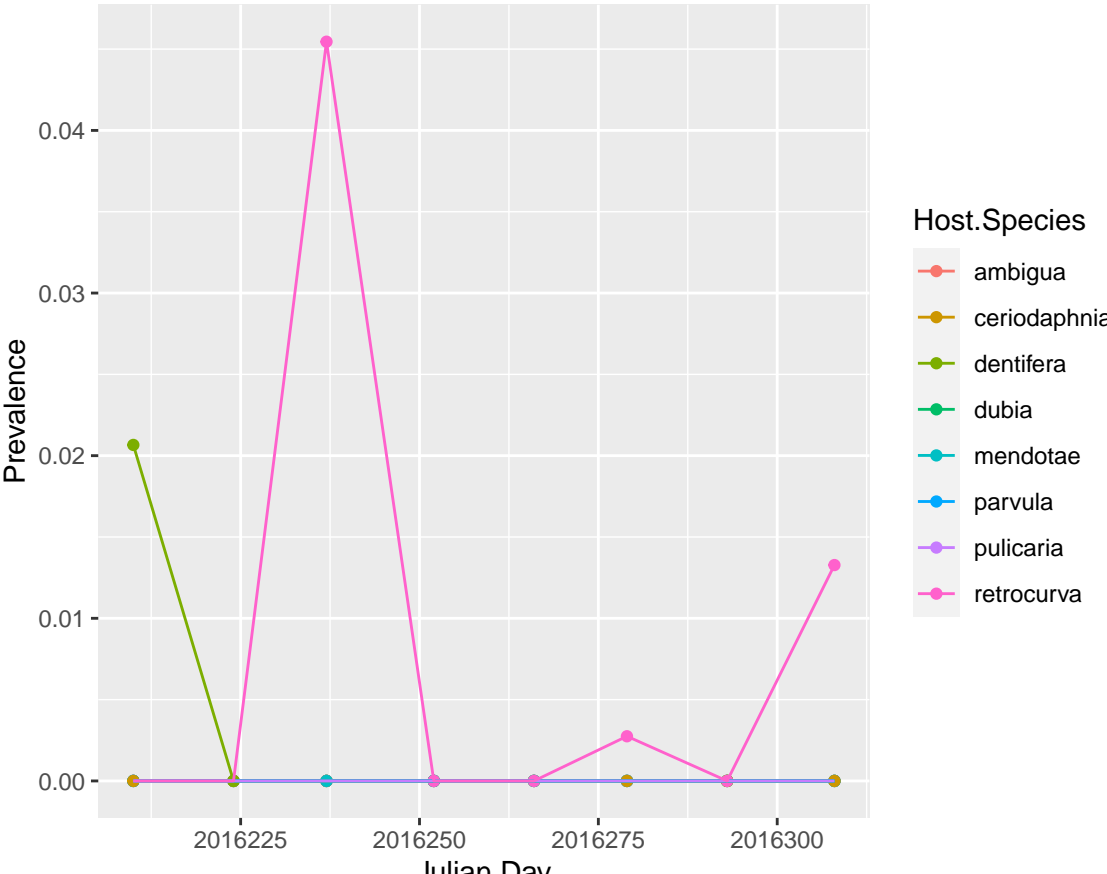
broodWhitmore2016



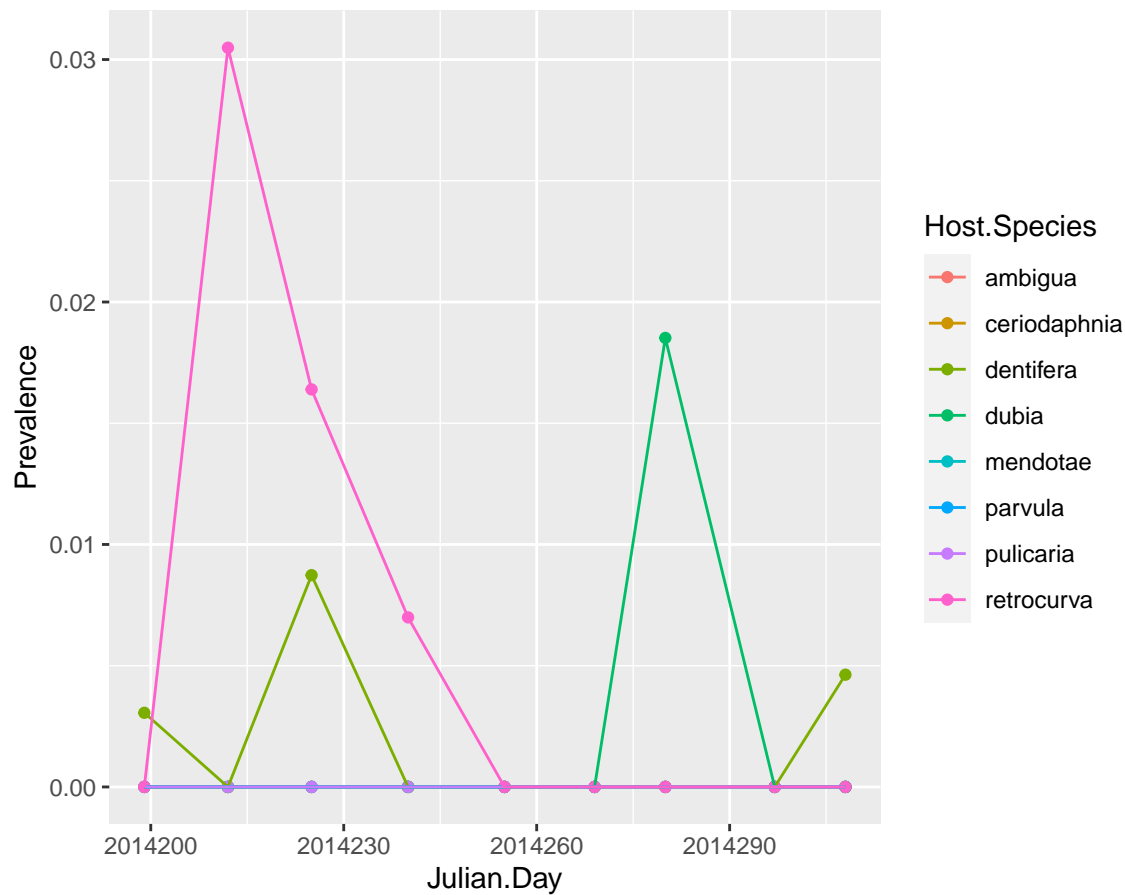
broodWoodland2015



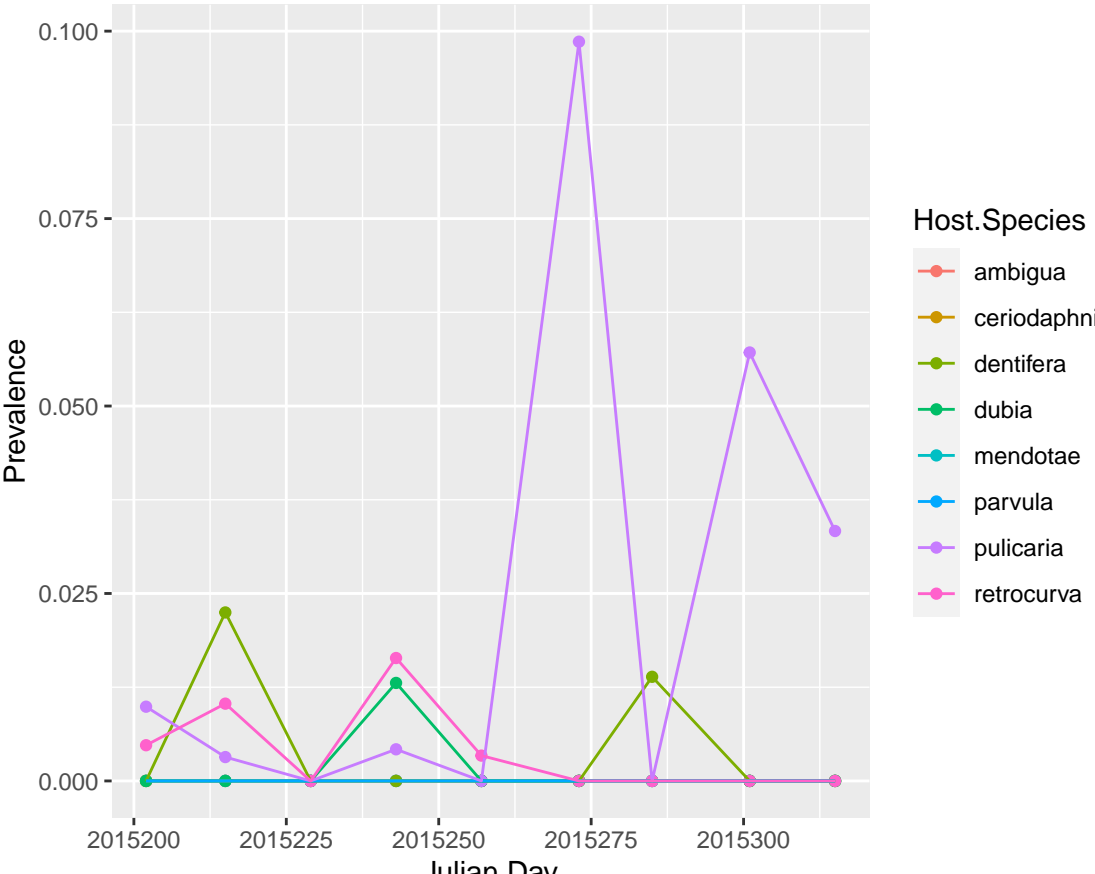
broodWoodland2016



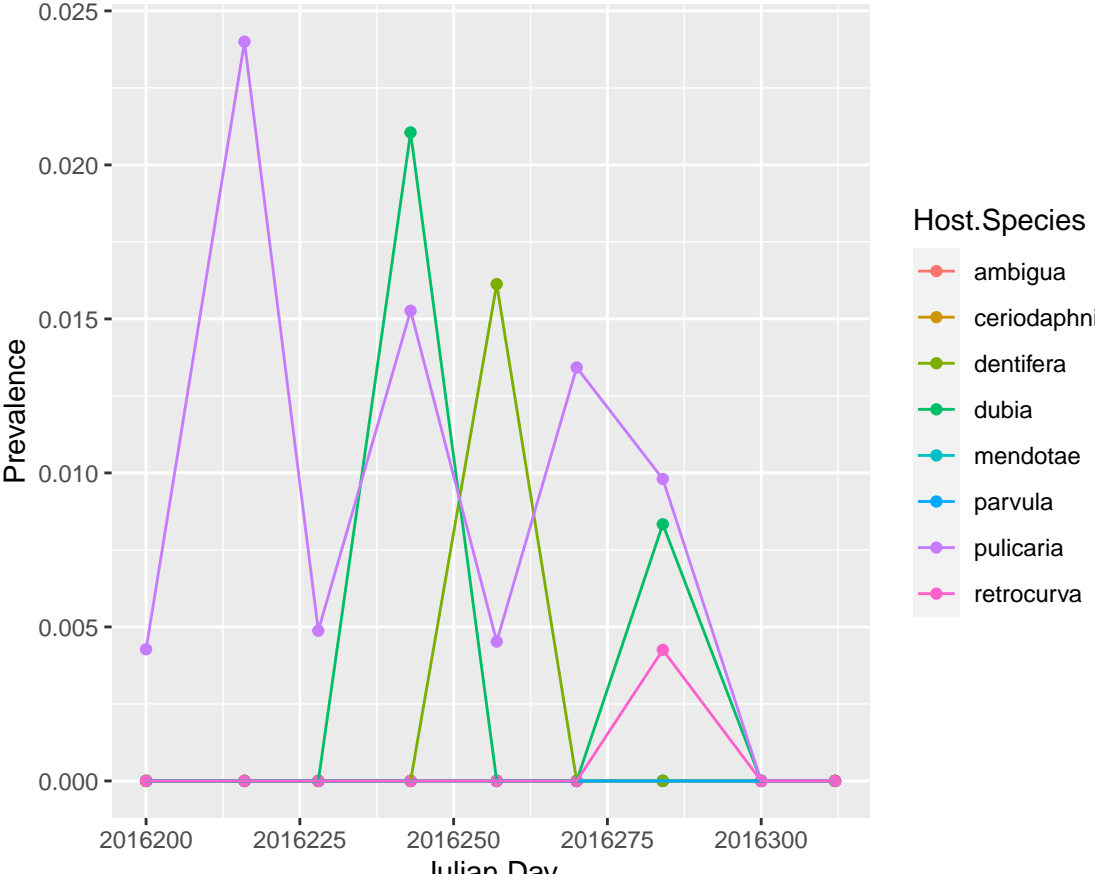
scarletAppleton2014



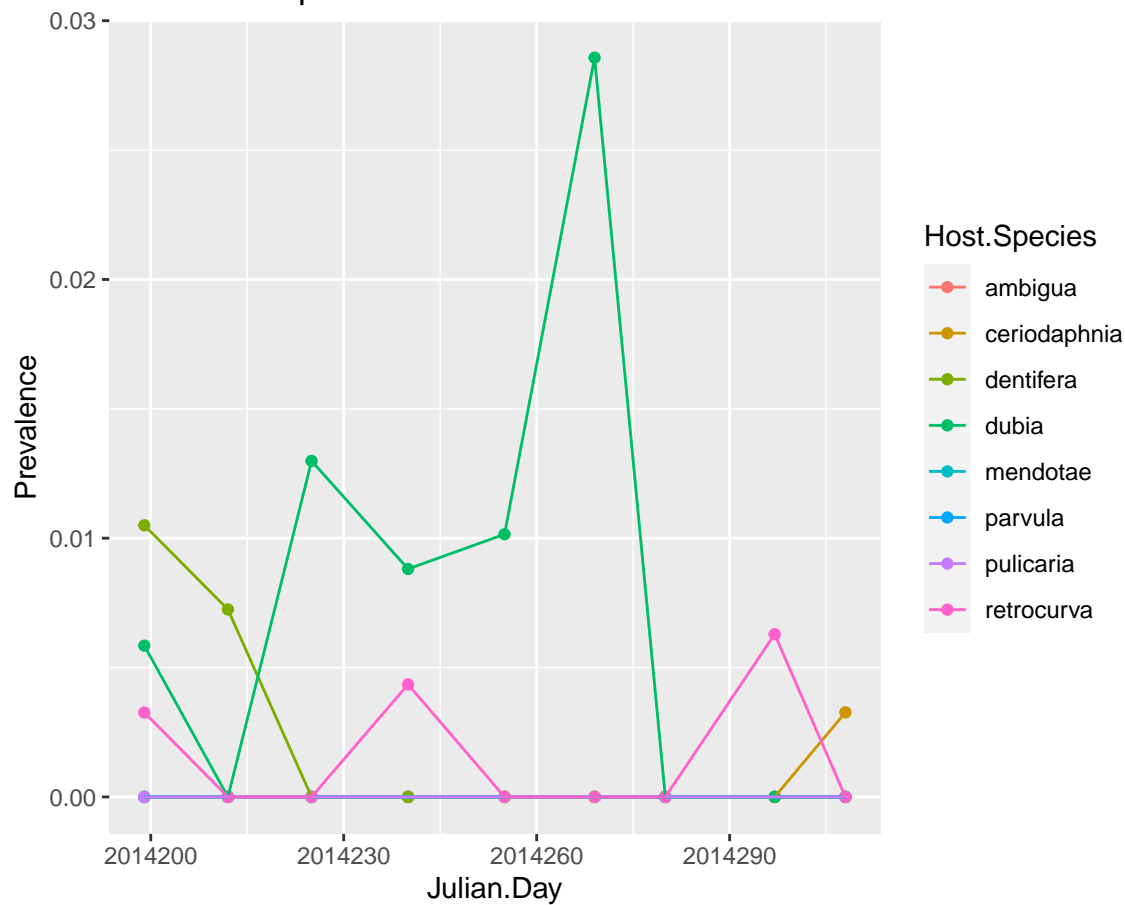
scarletAppleton2015



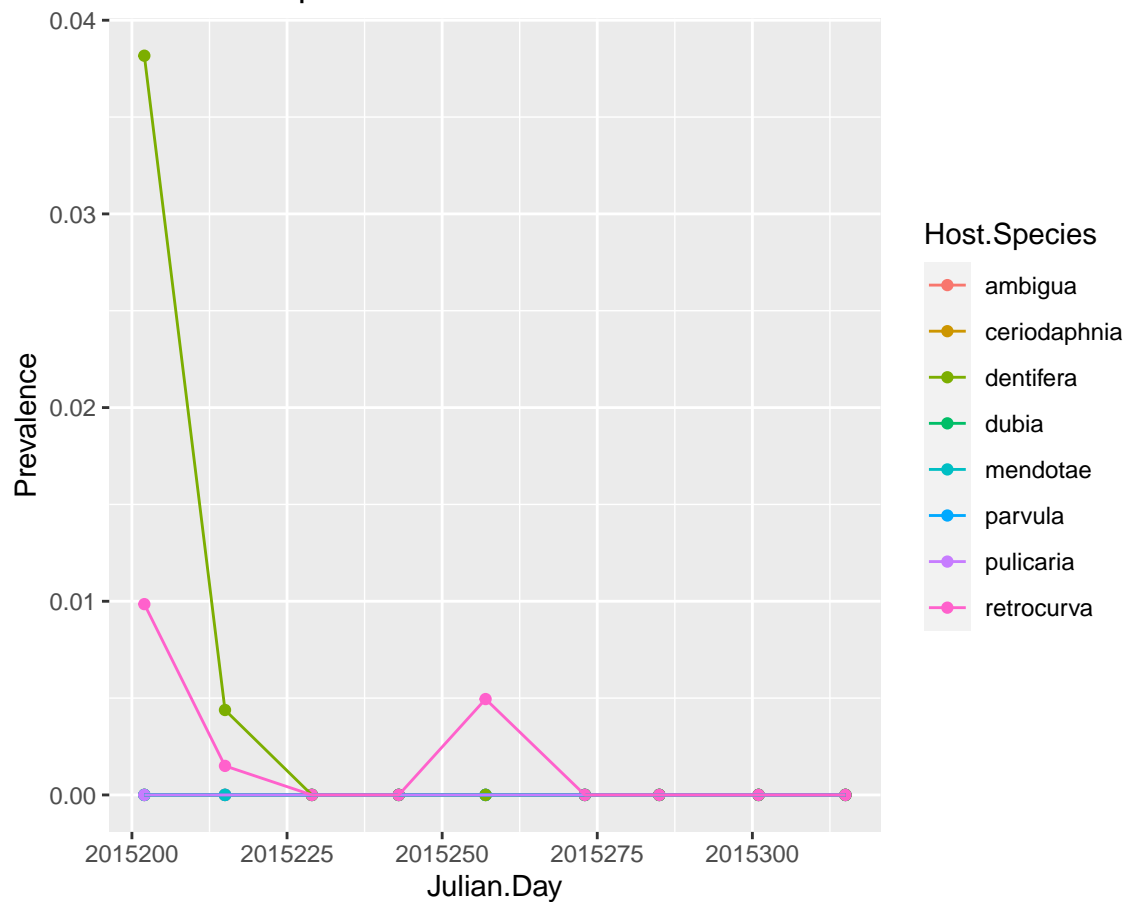
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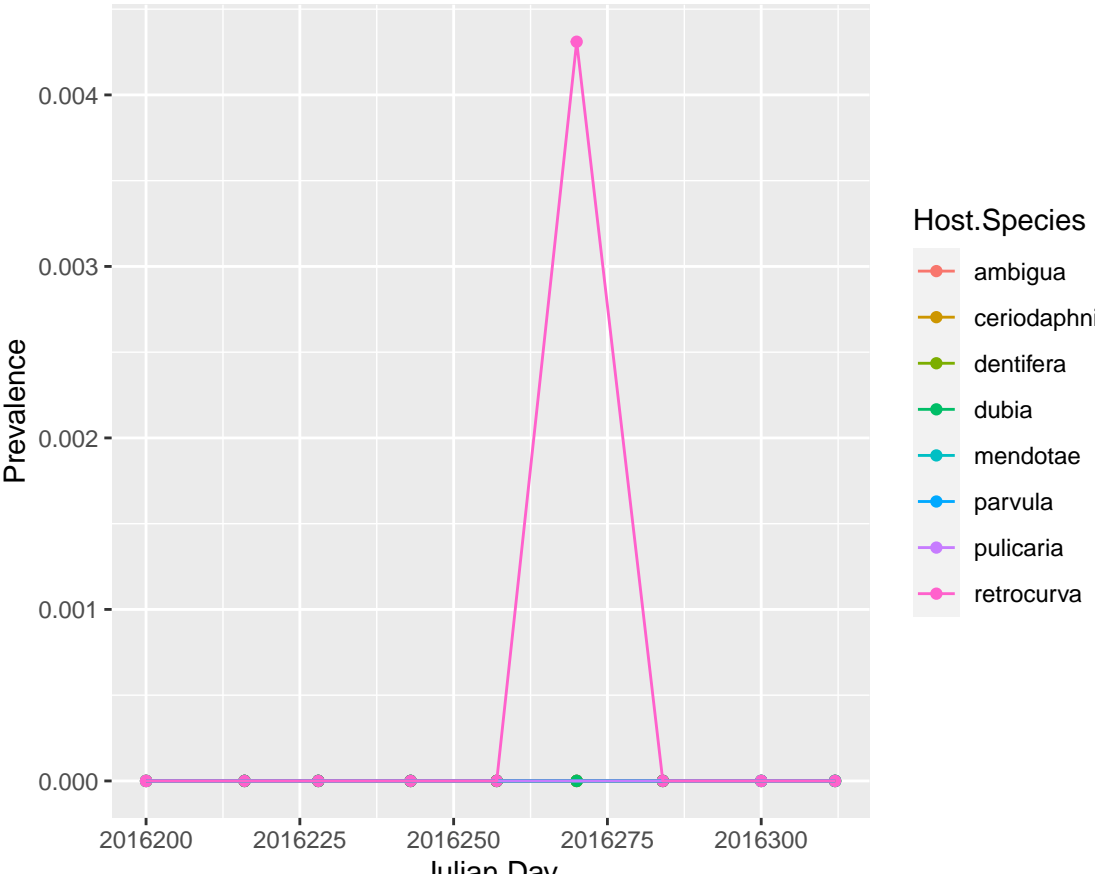
scarletBishop2014



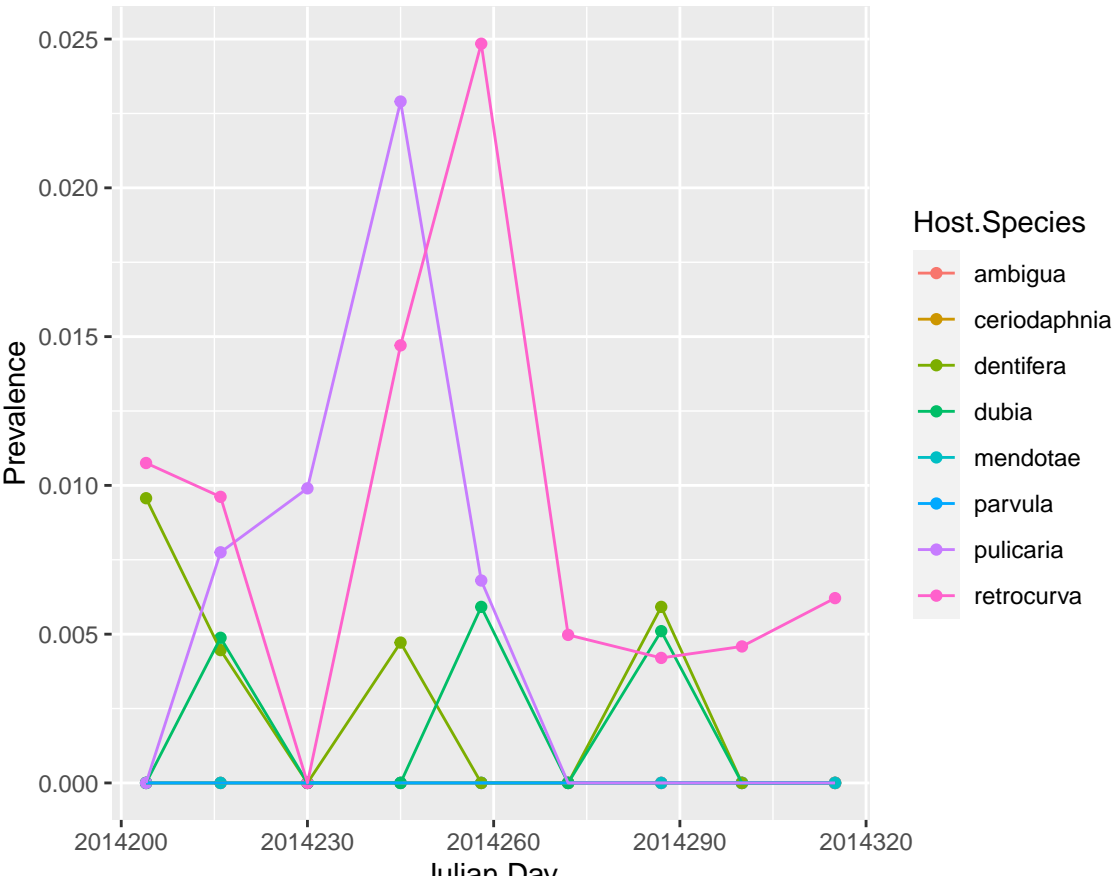
scarletBishop2015



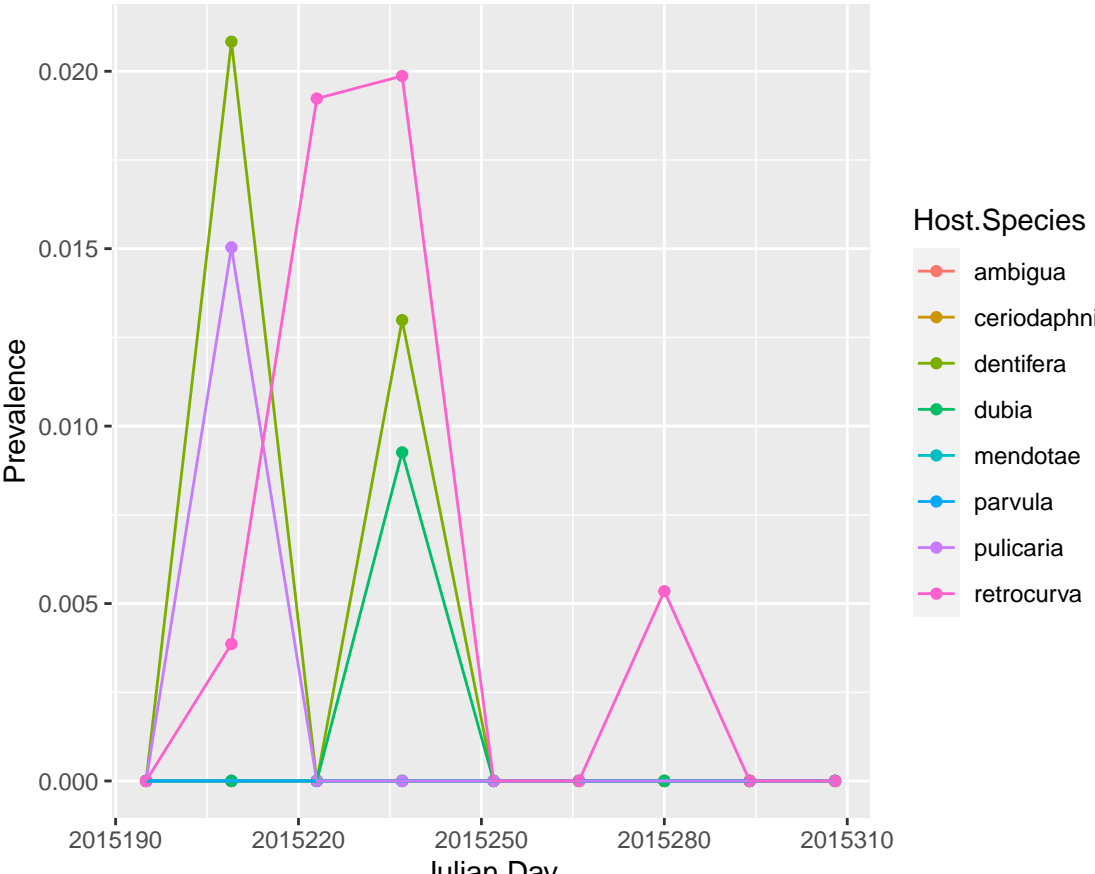
scarletBishop2016



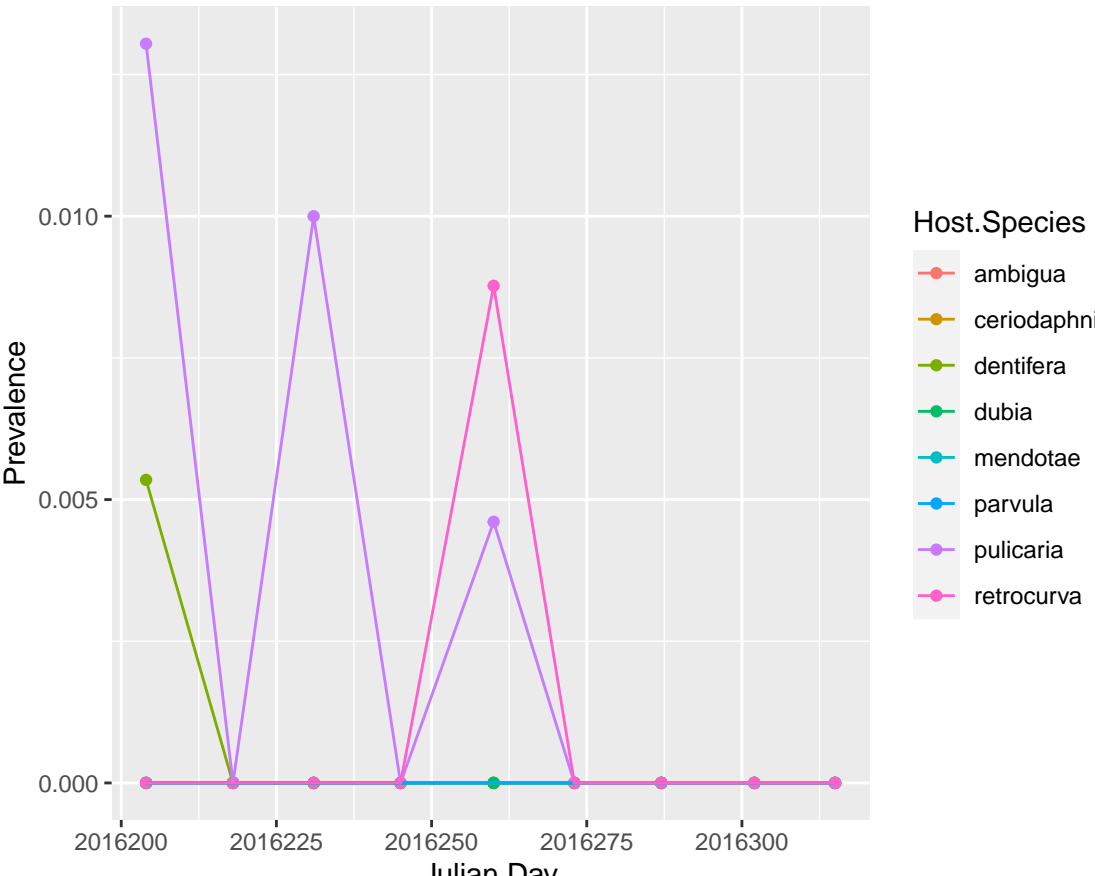
scarletBruin2014



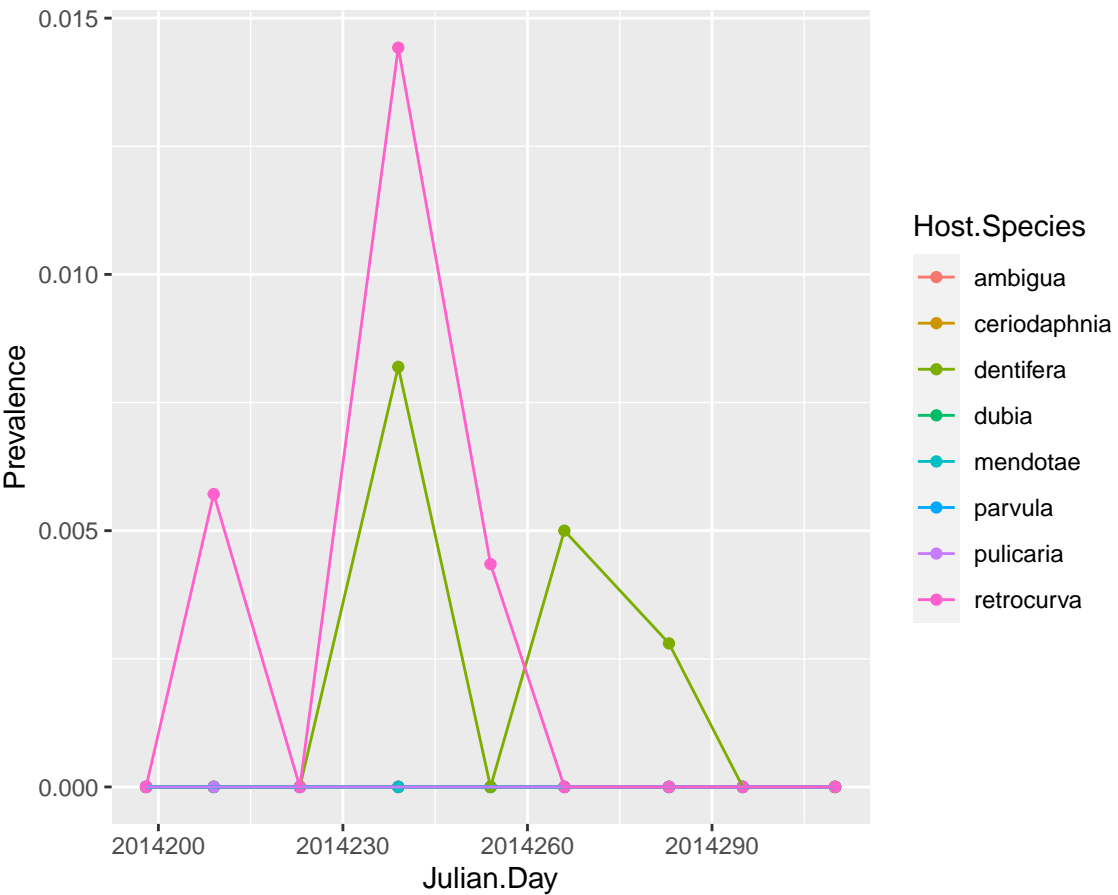
scarletBruin2015



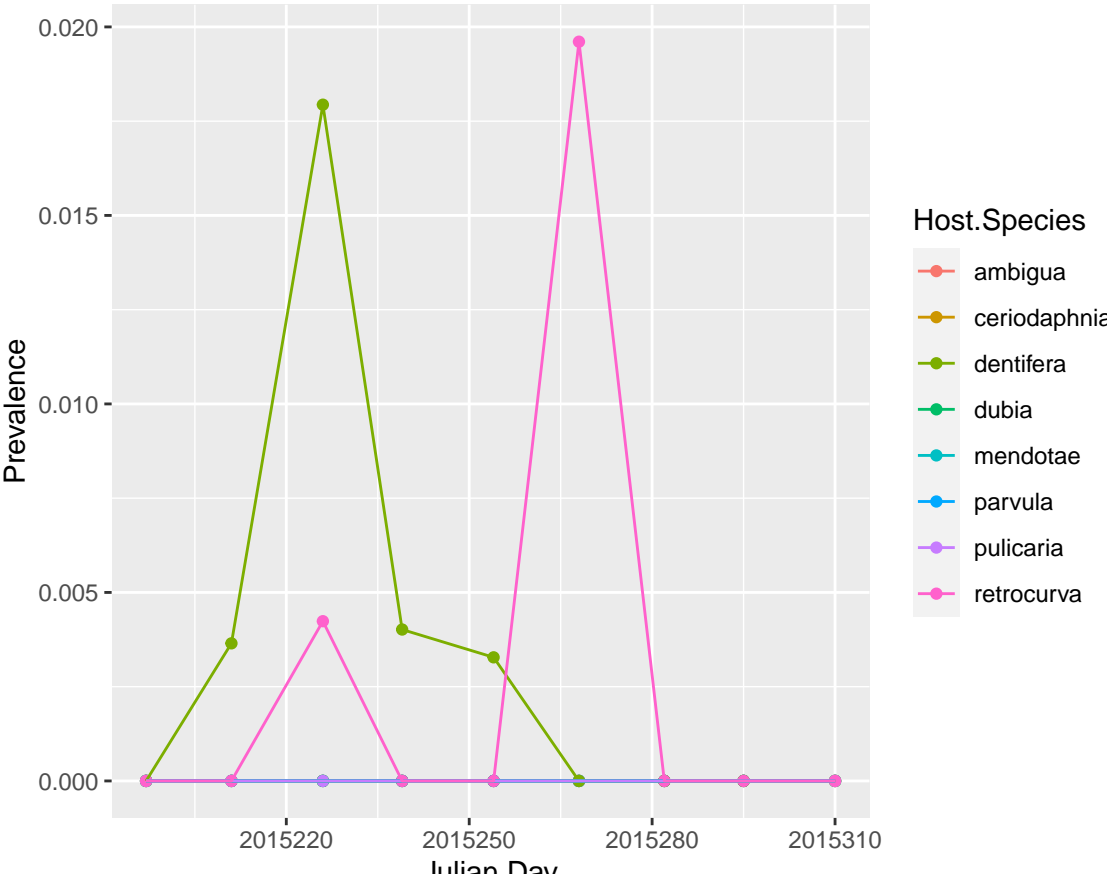
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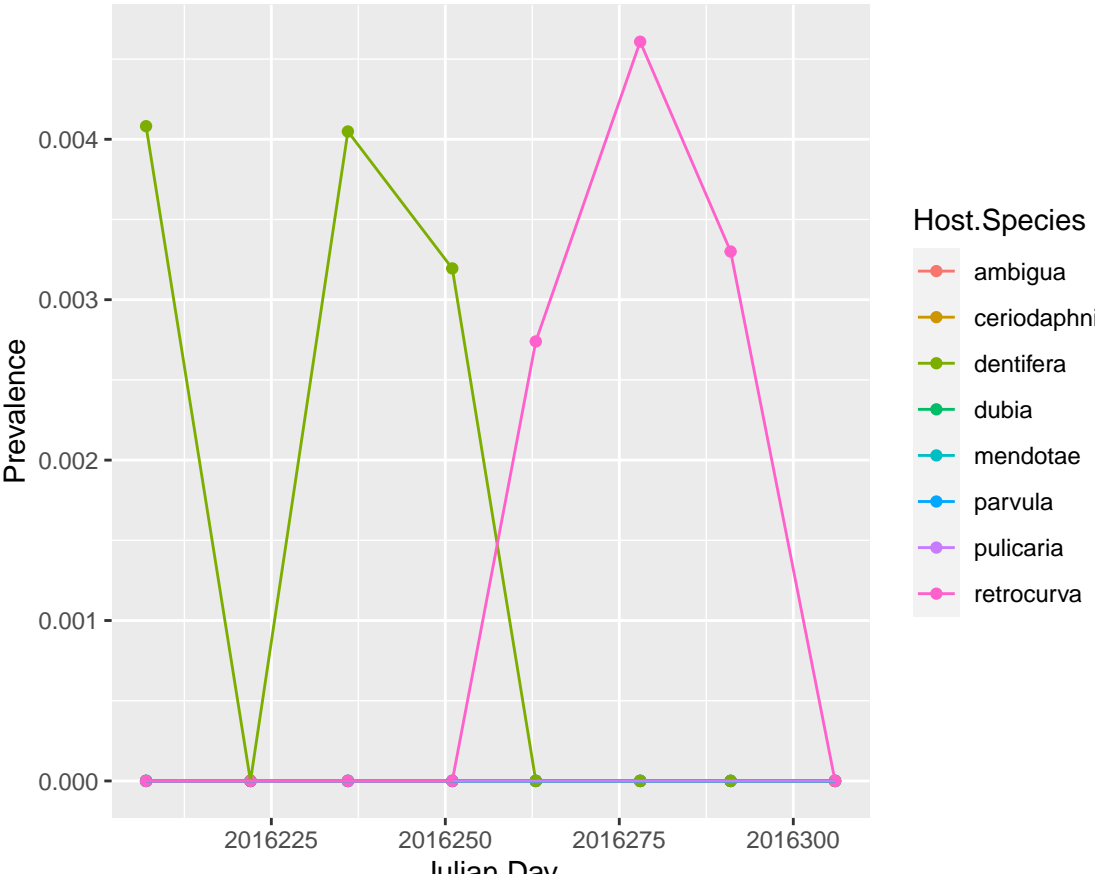
scarletCedar2014



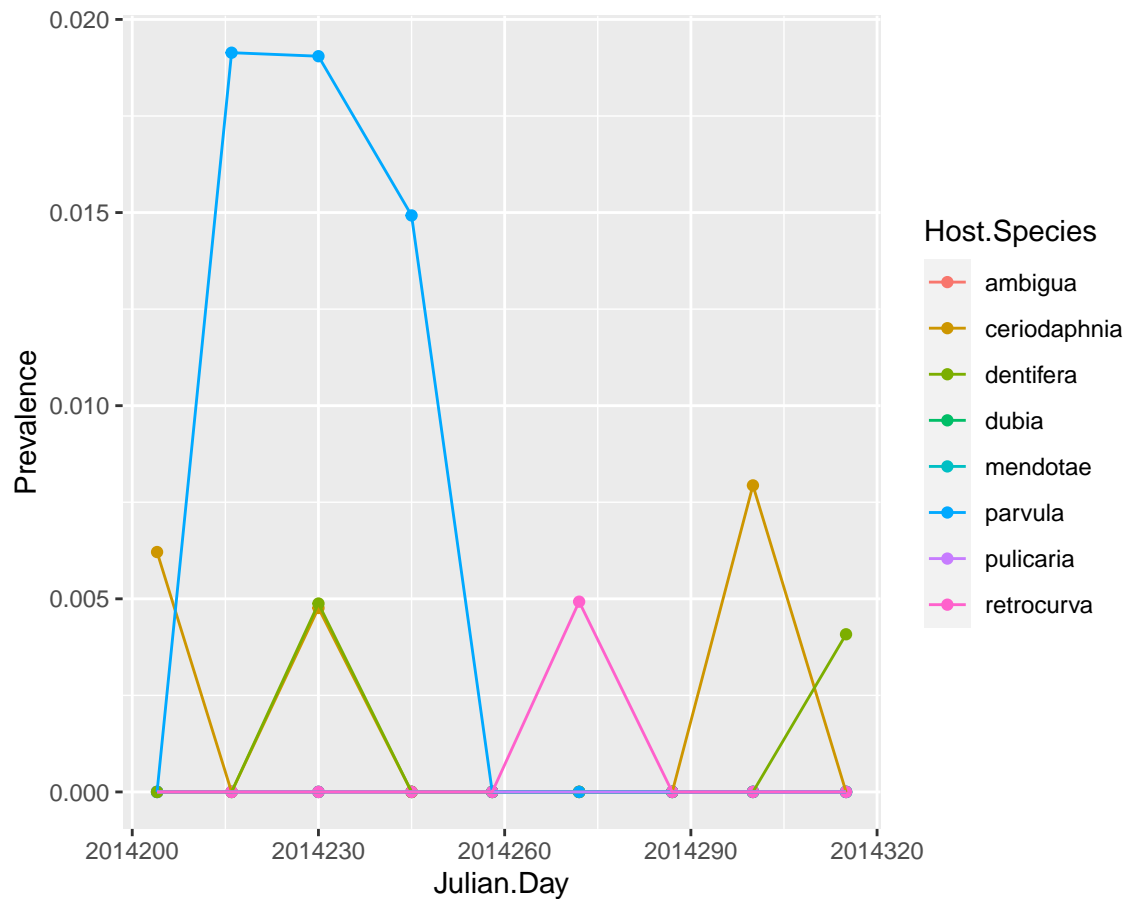
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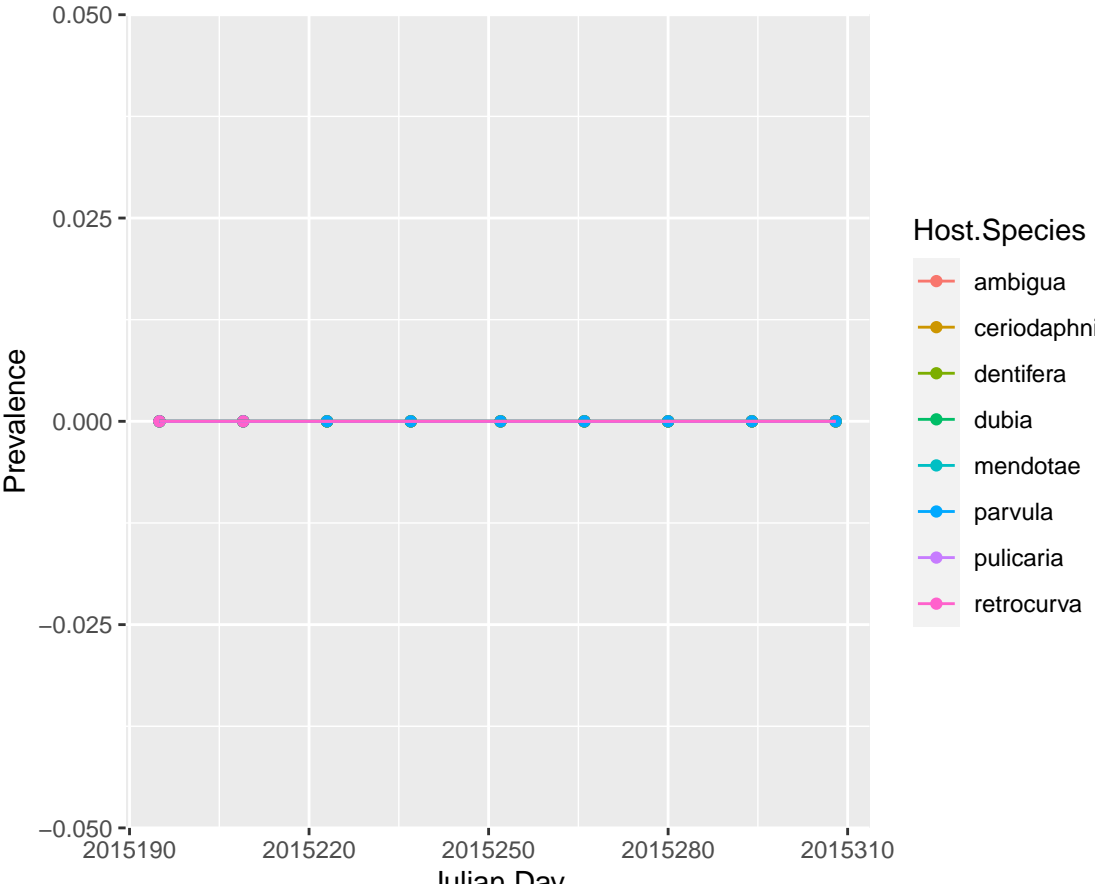
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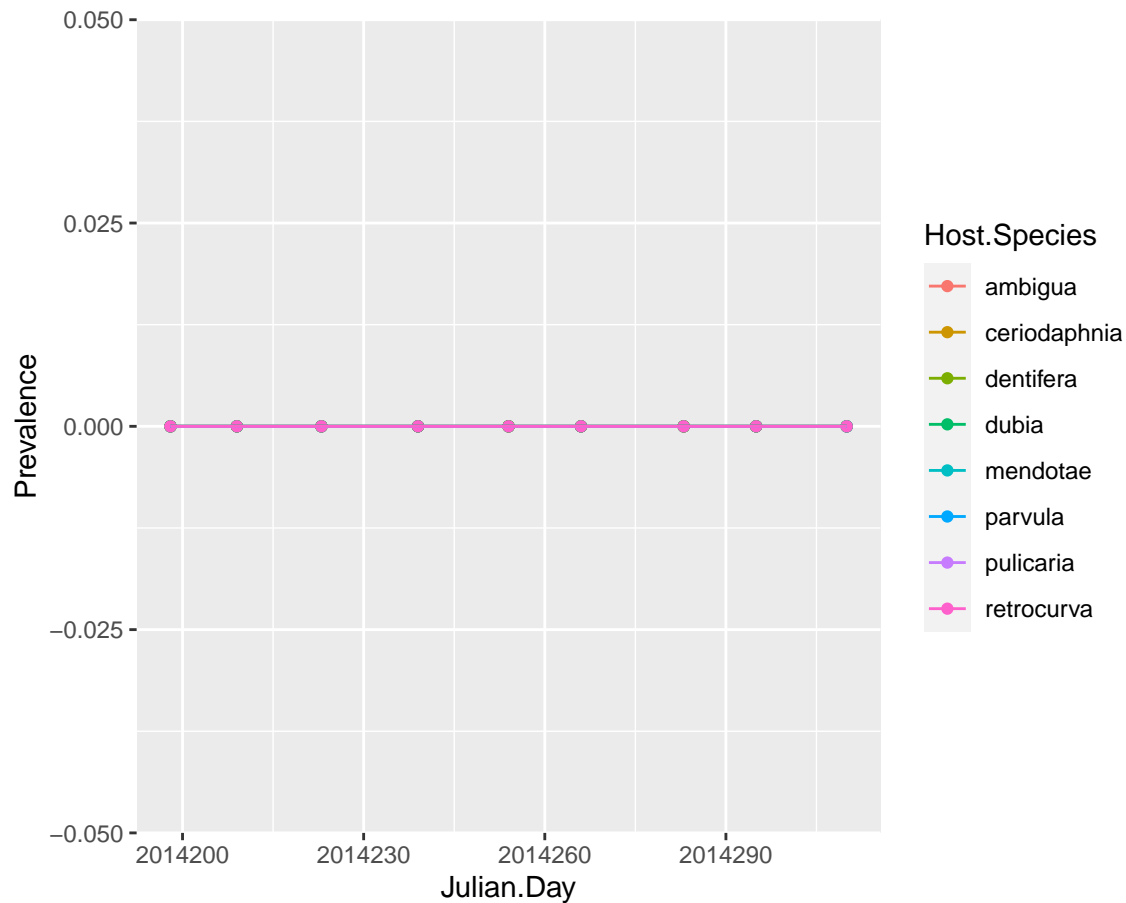
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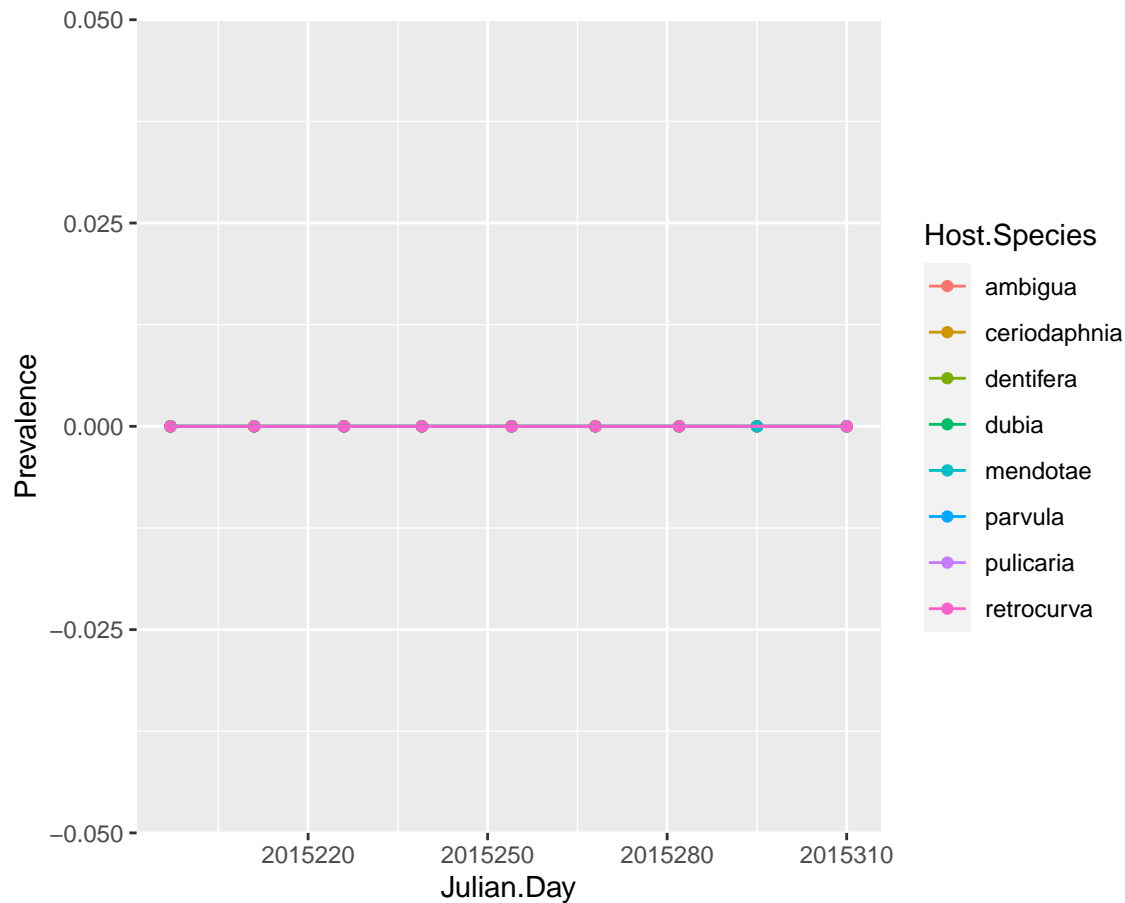
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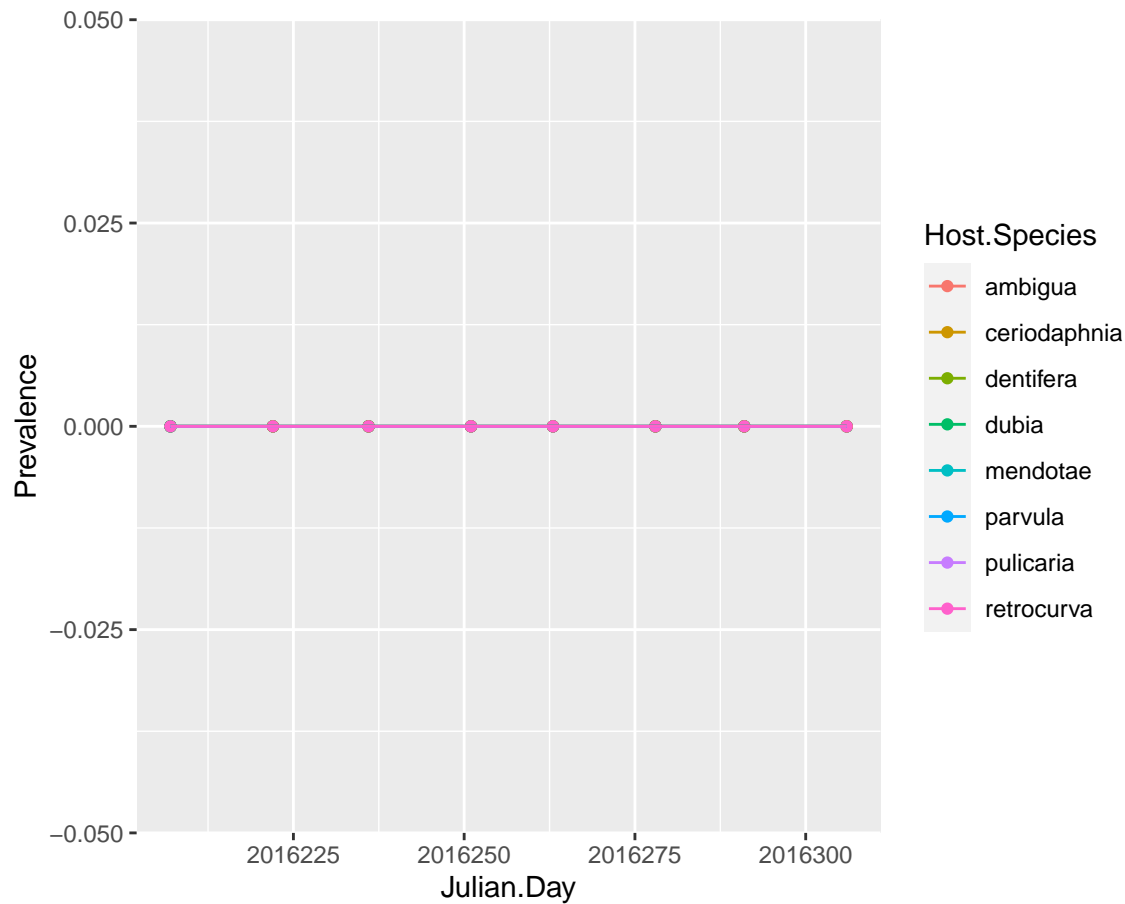
scarletCrookedW2014



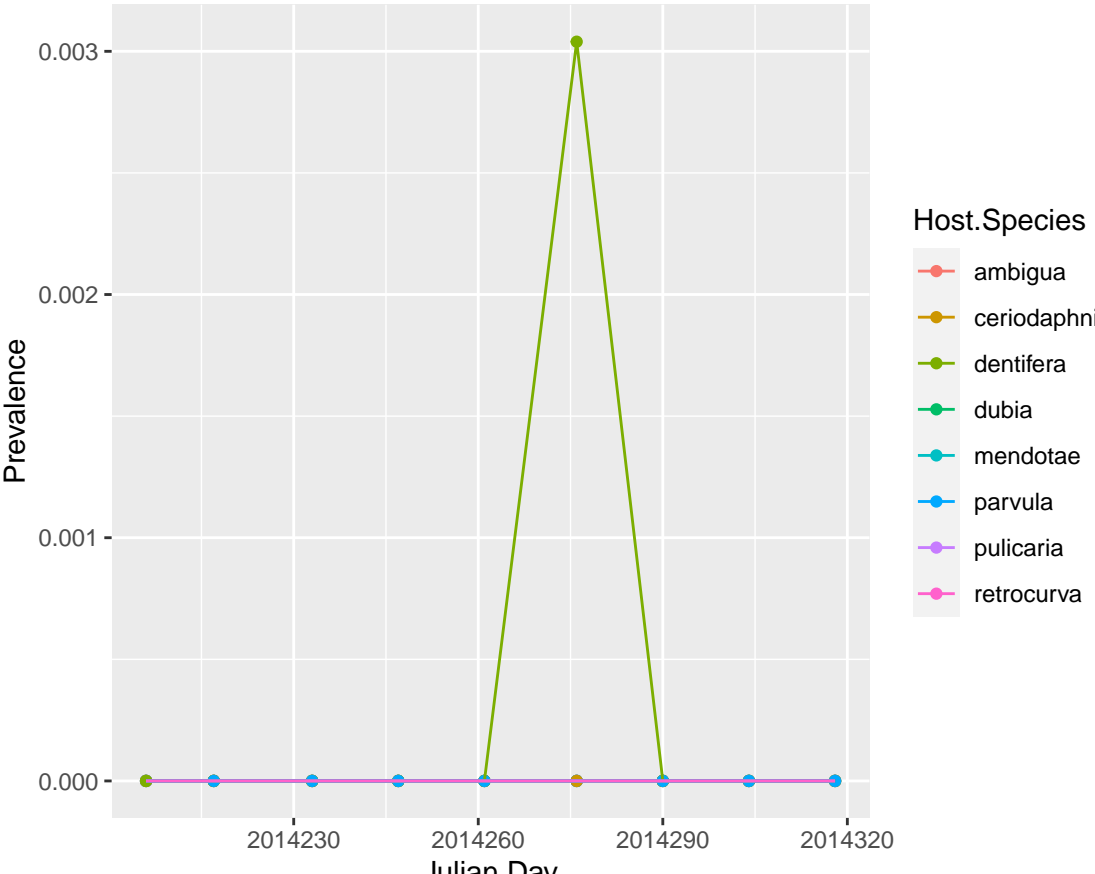
scarletCrookedW2015



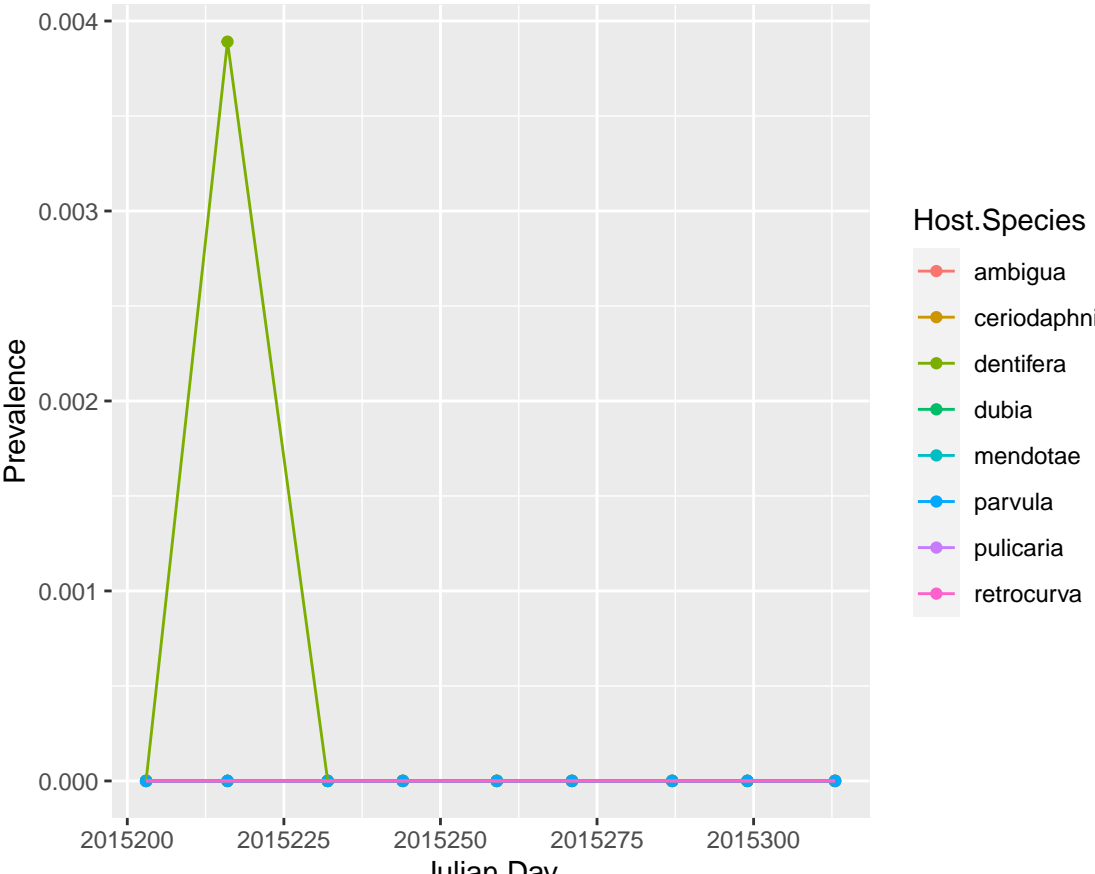
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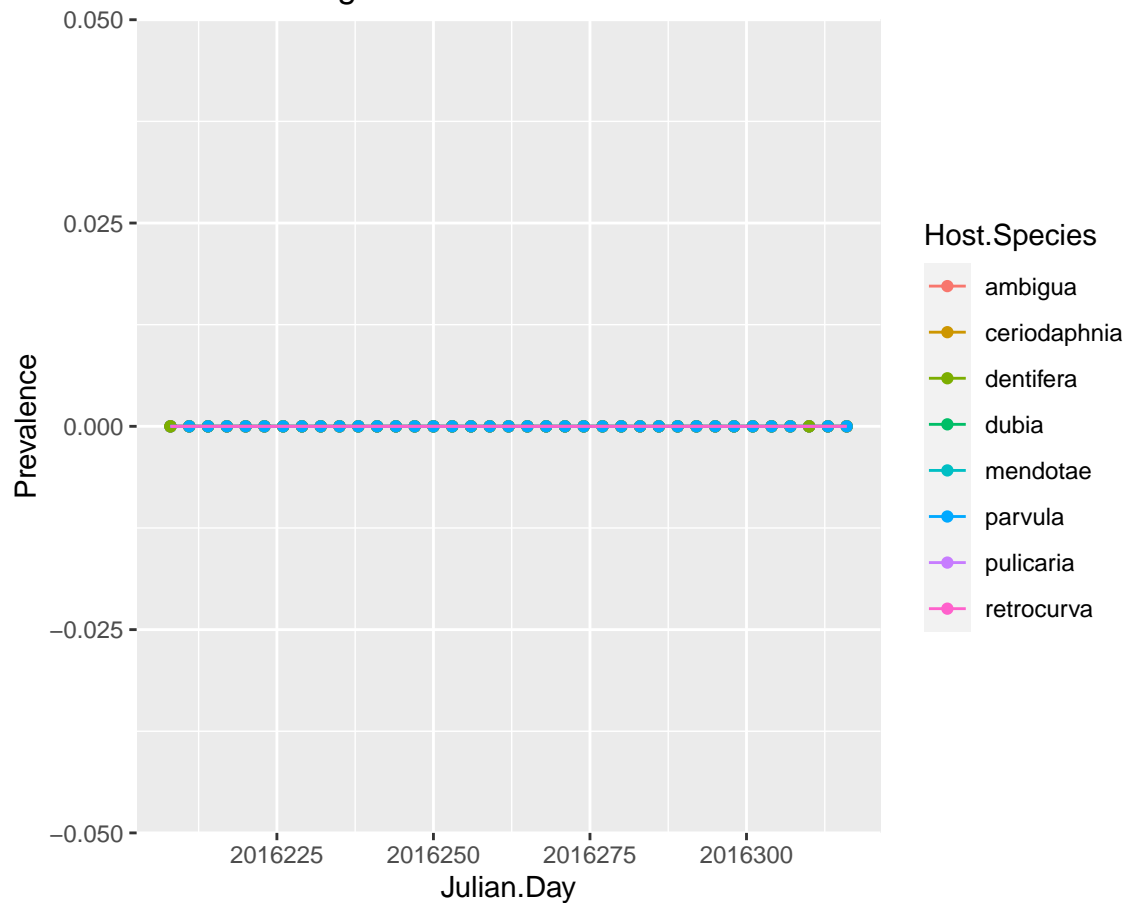
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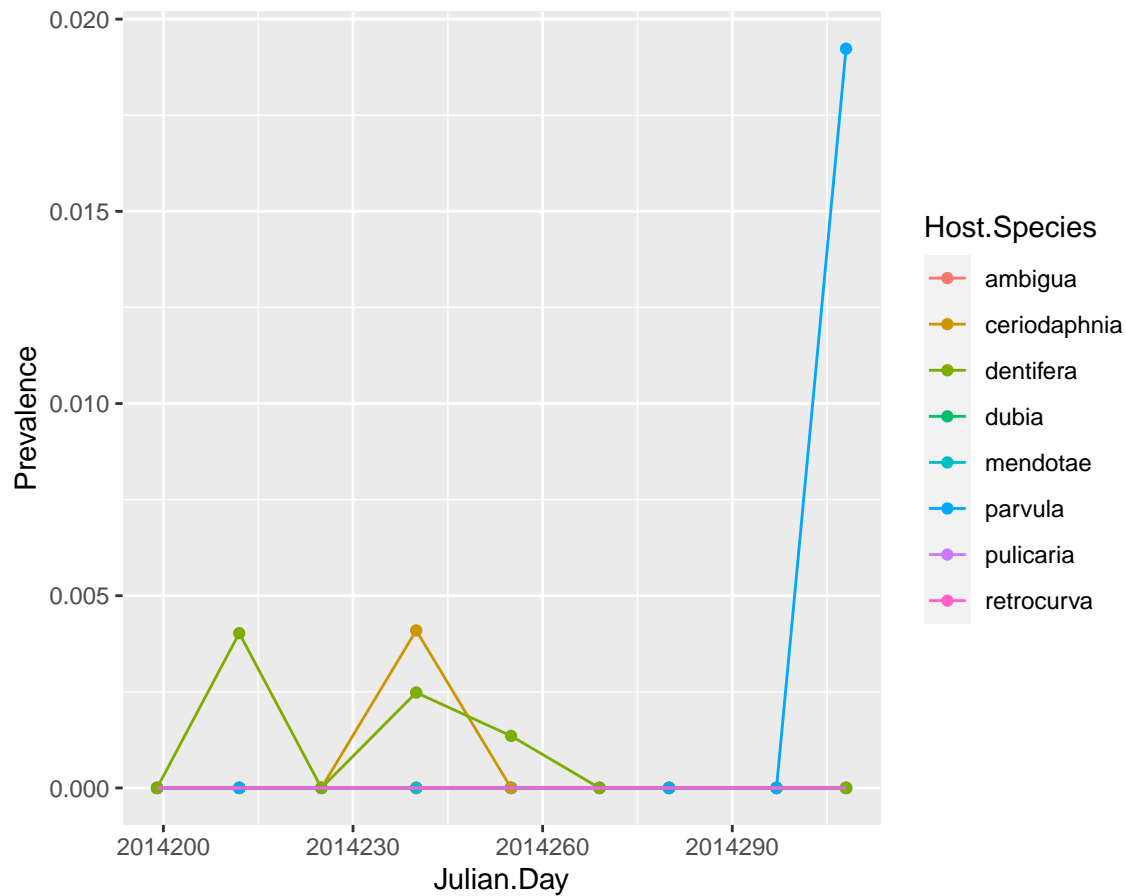
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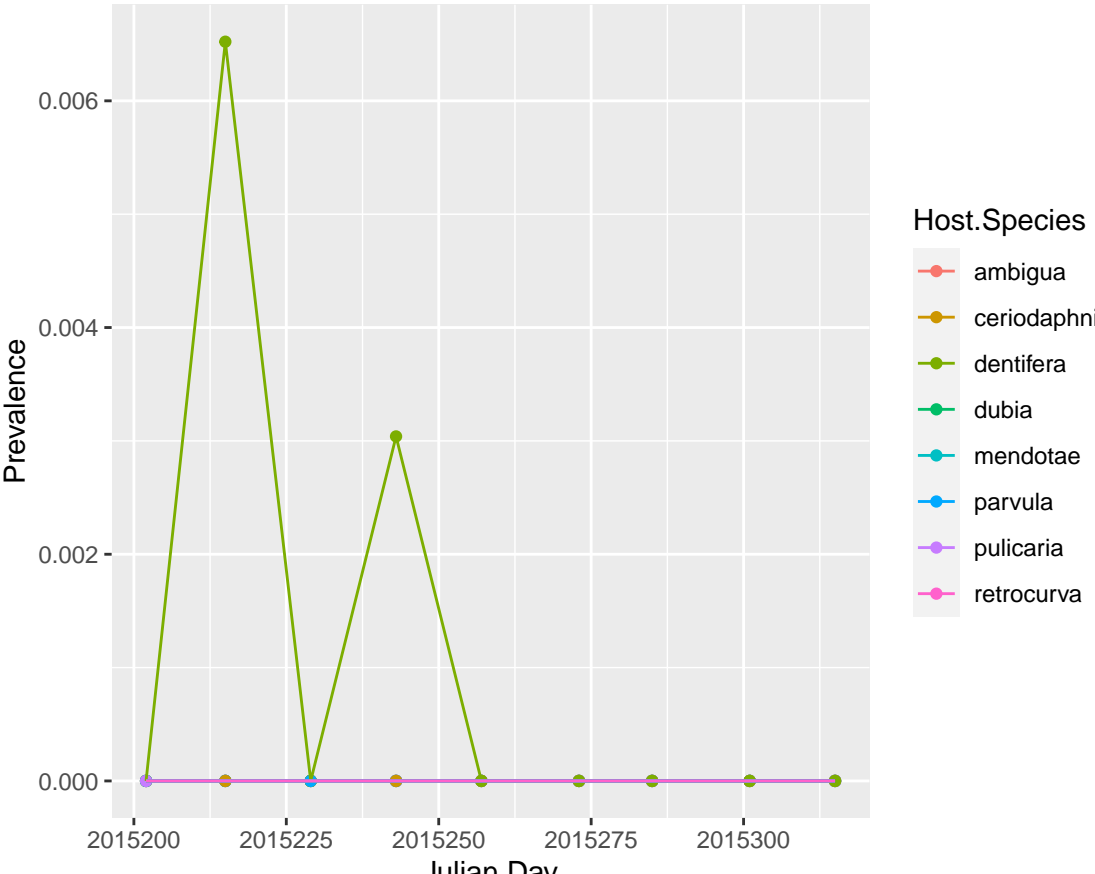
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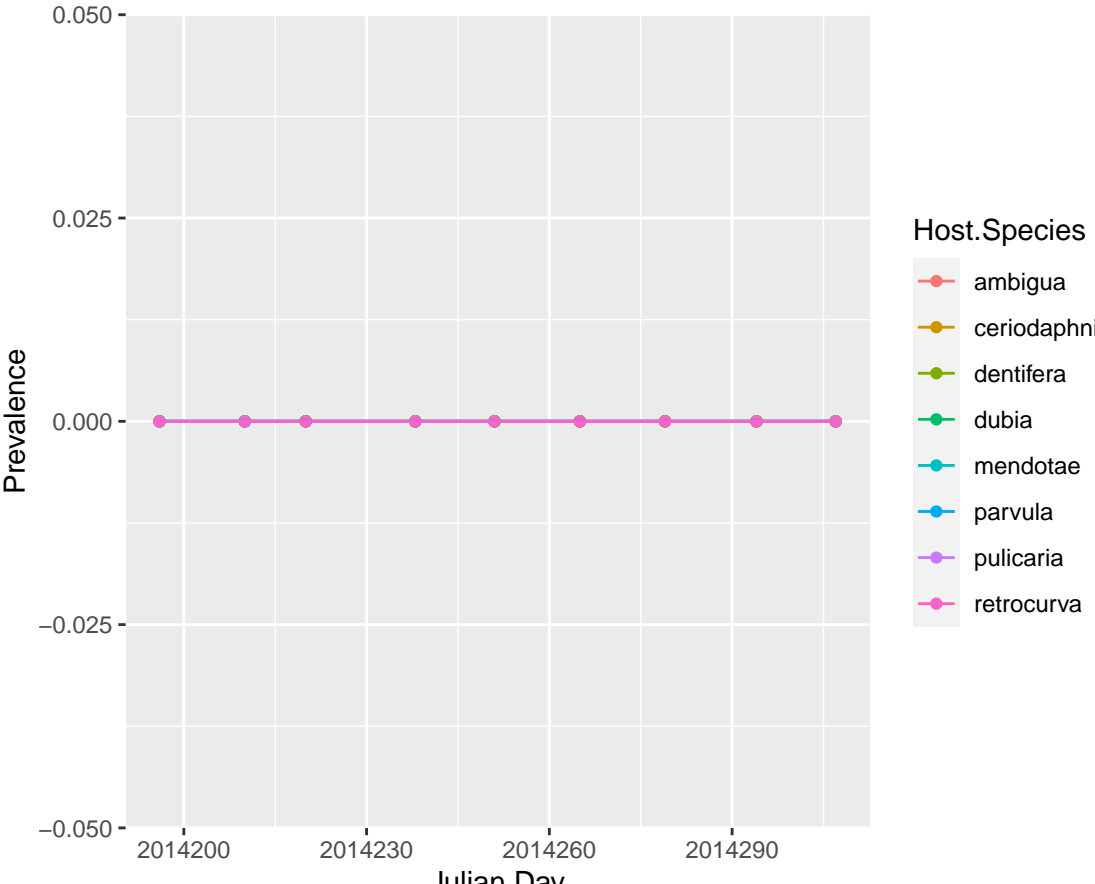
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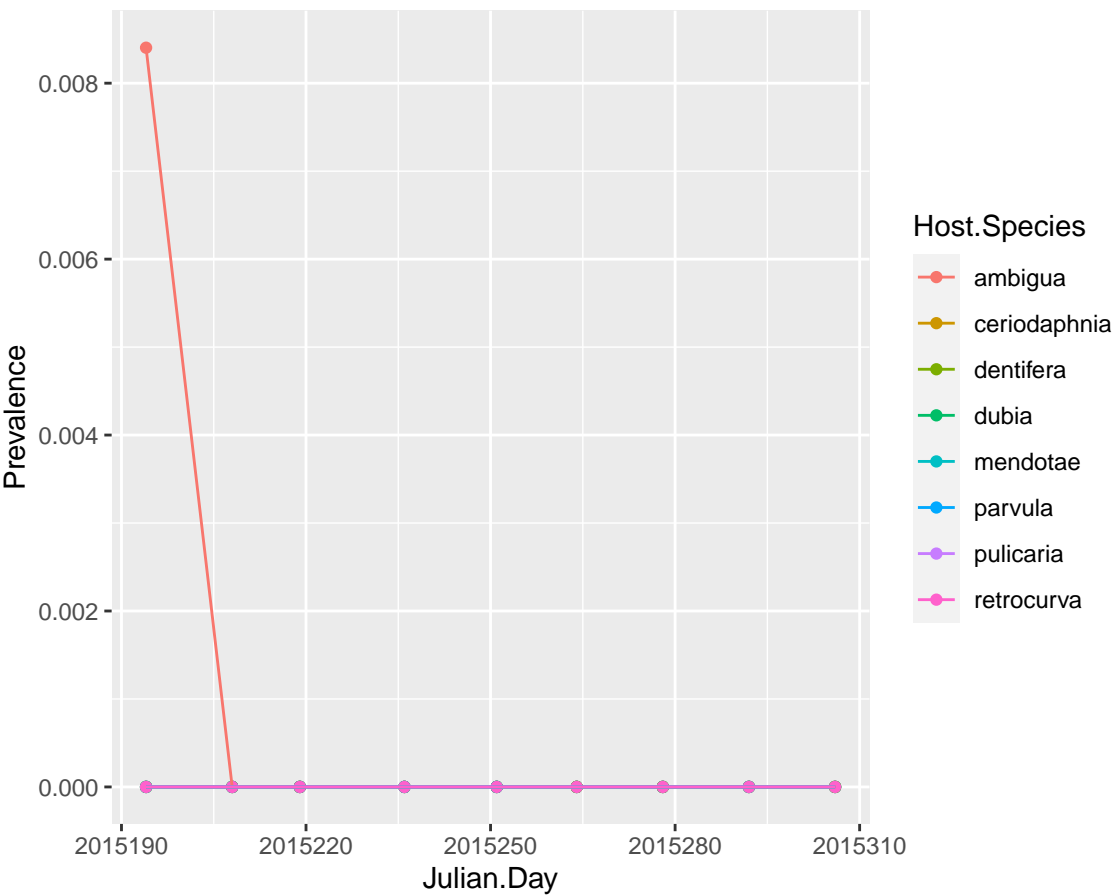
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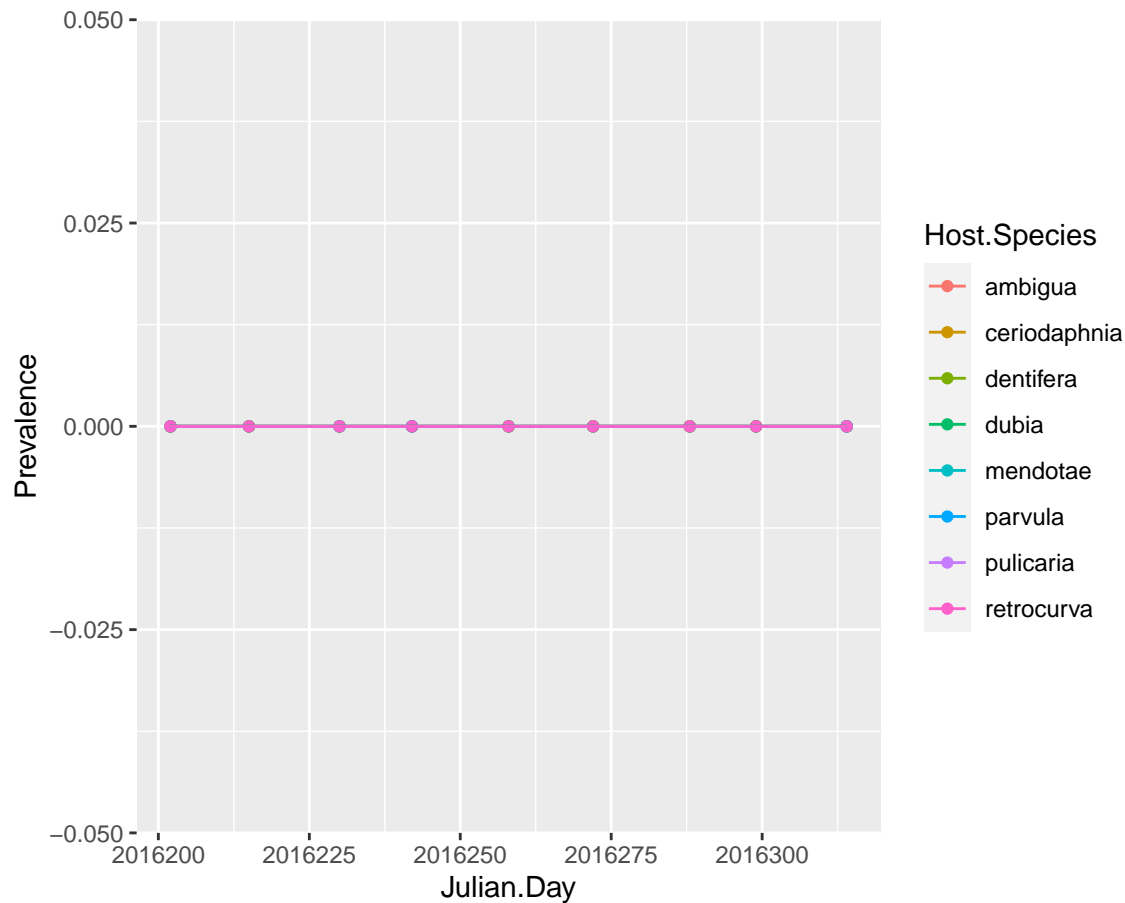
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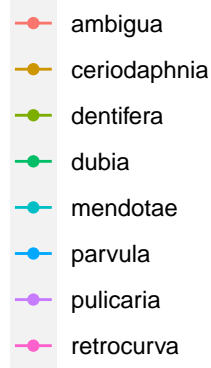


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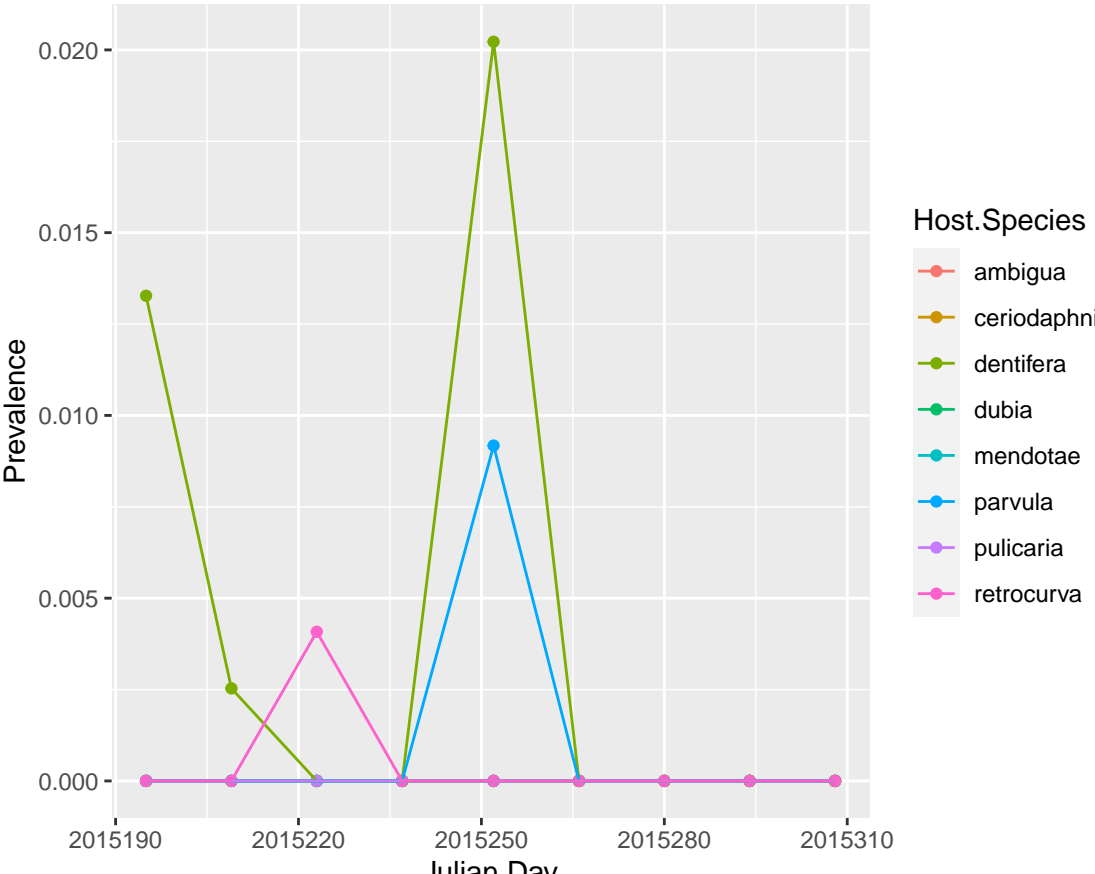


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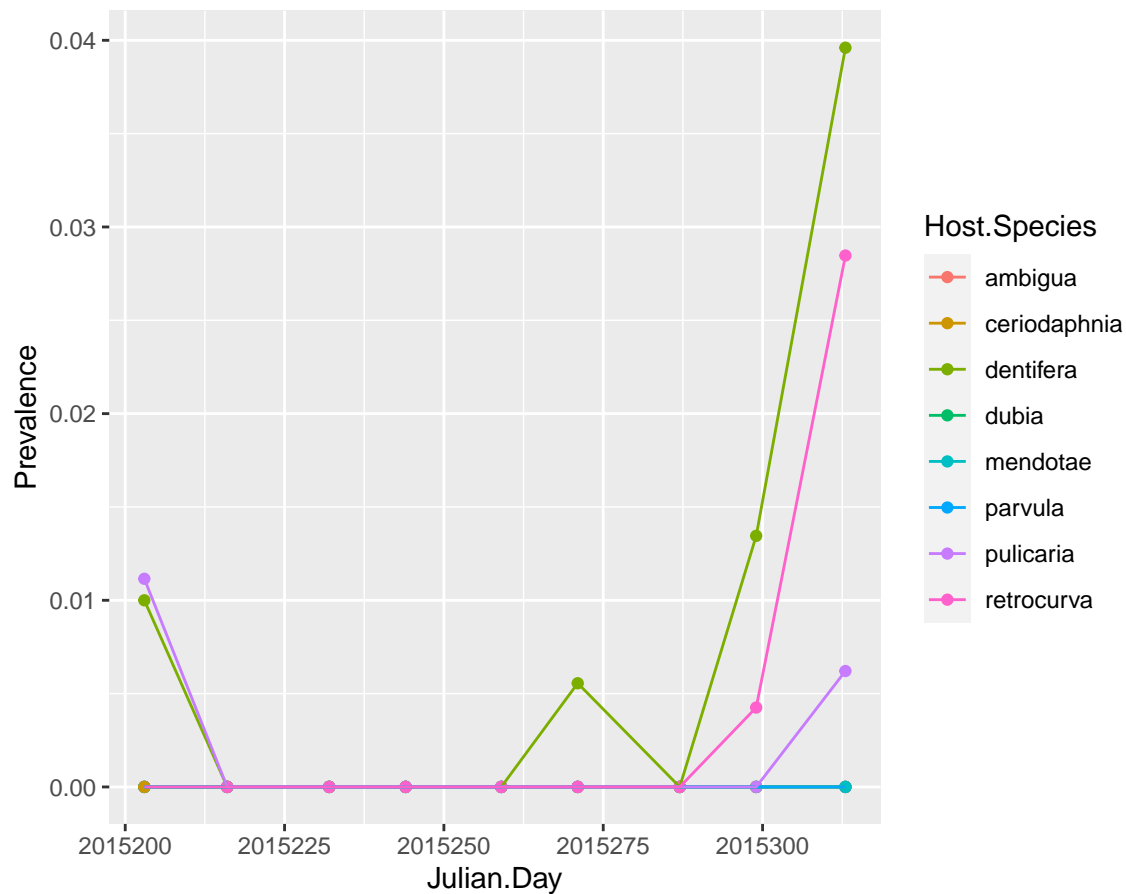




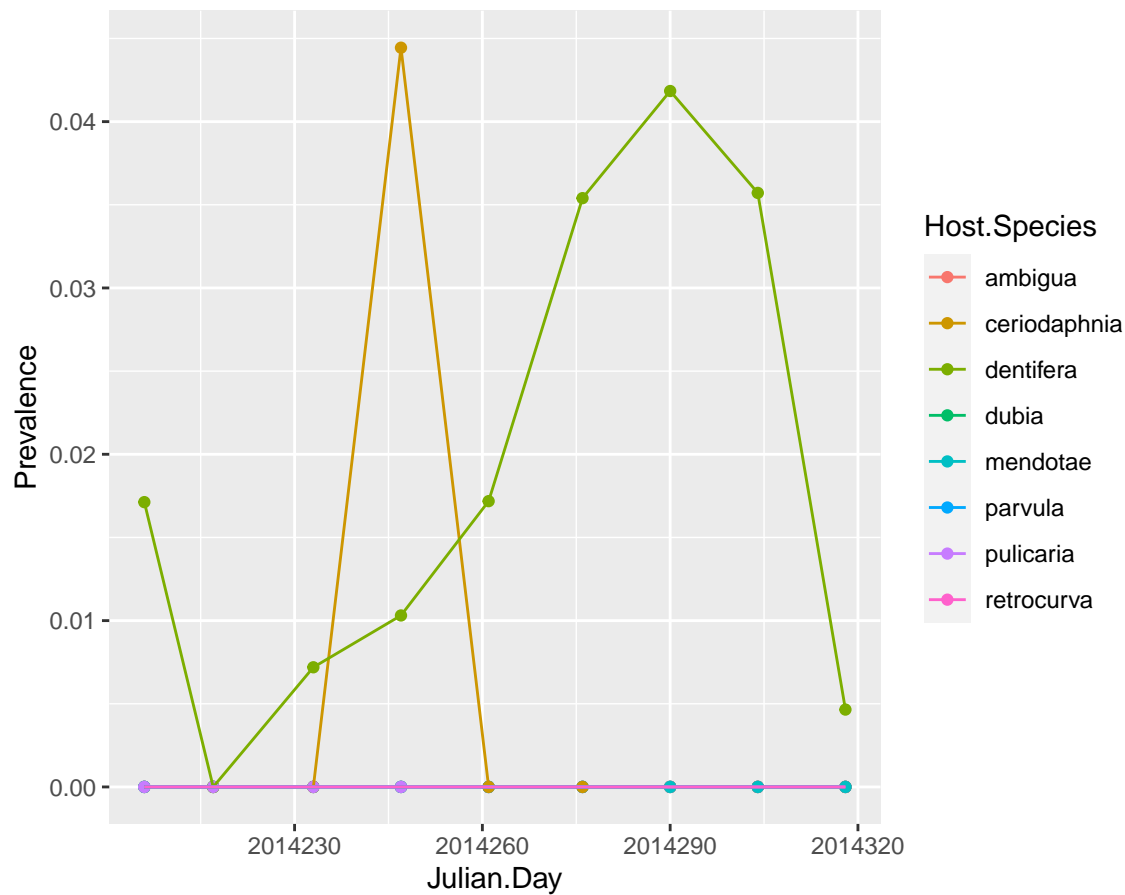
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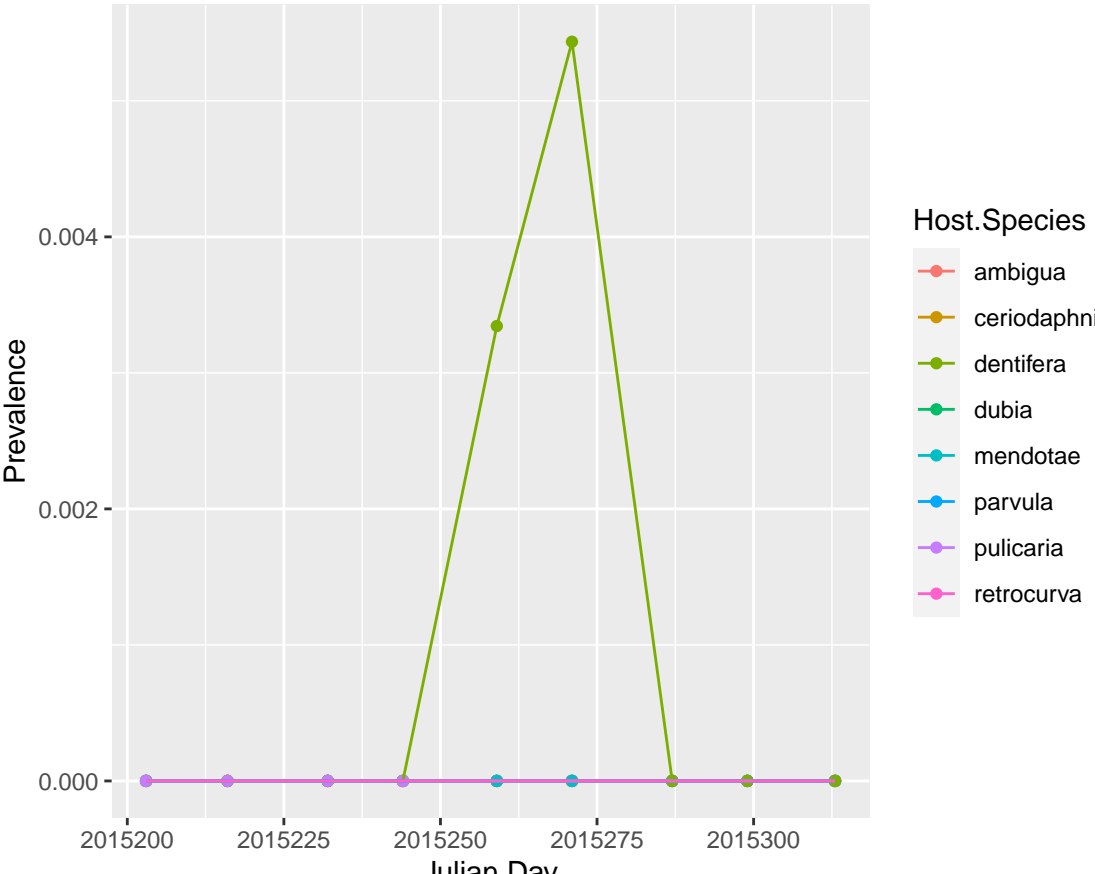
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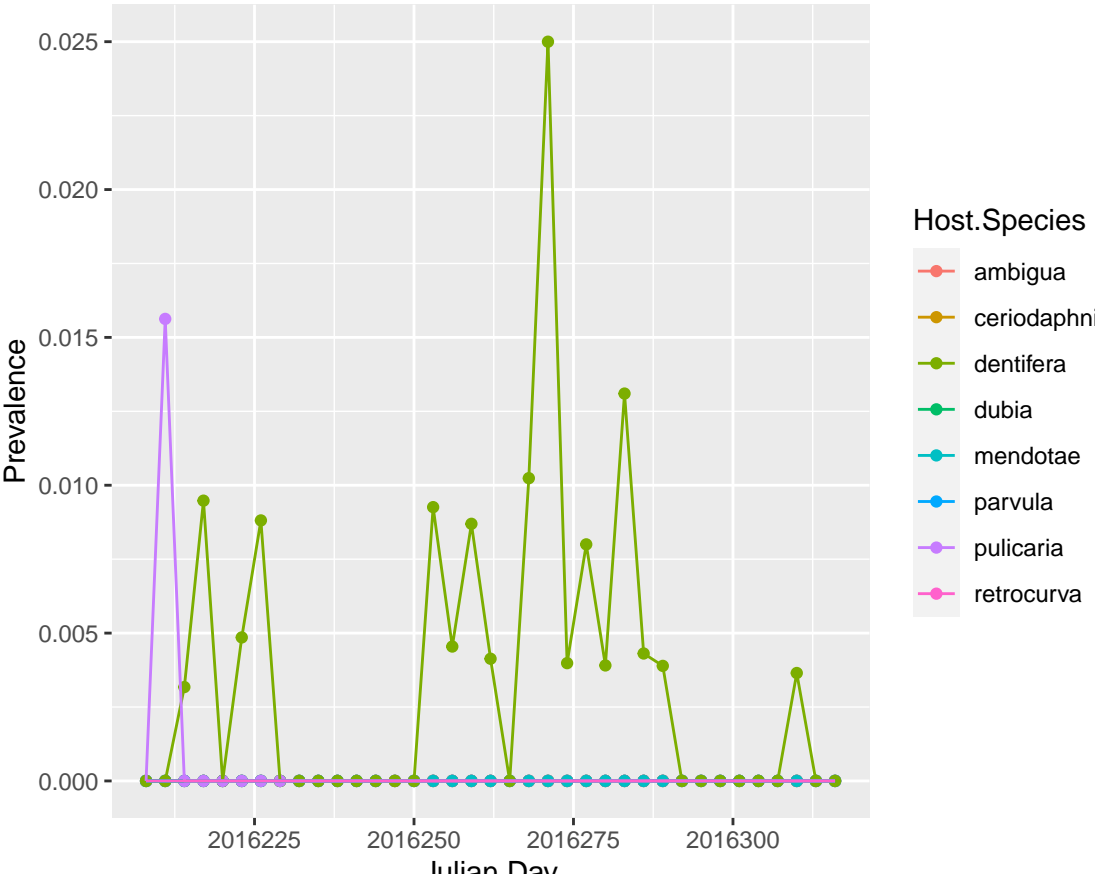
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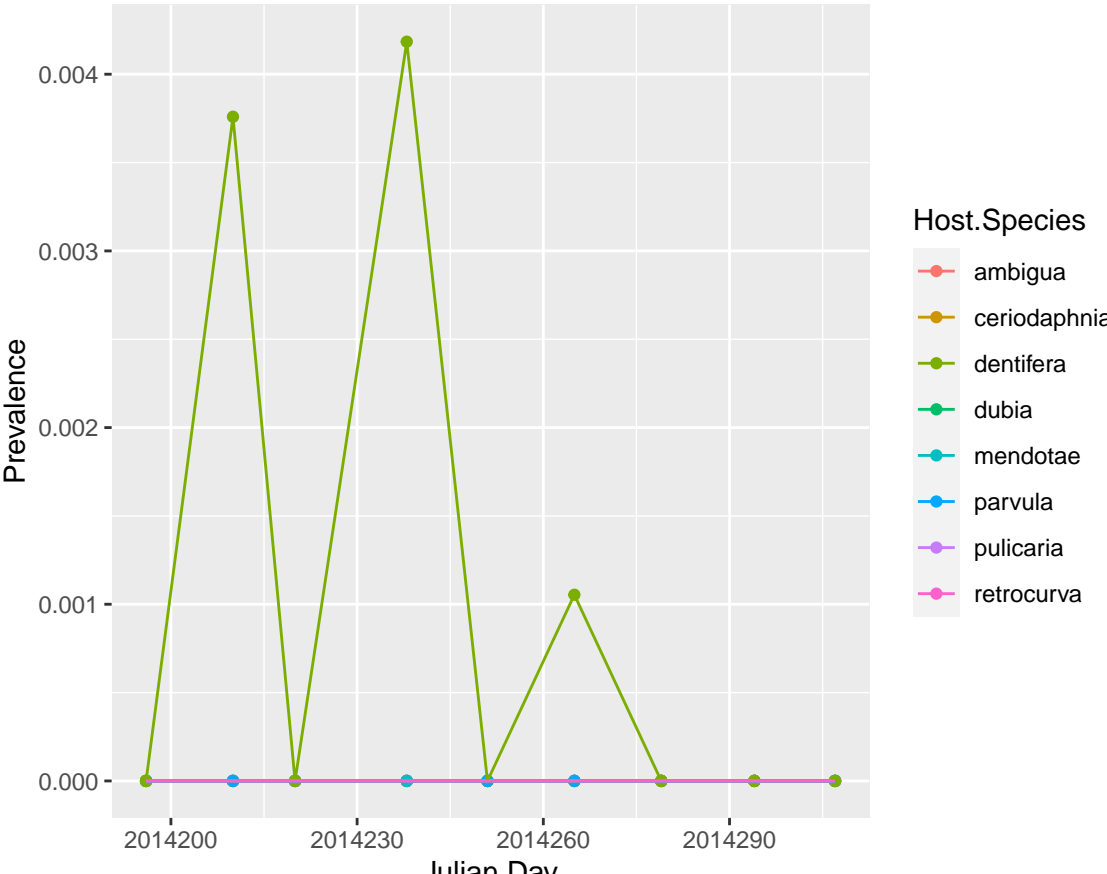
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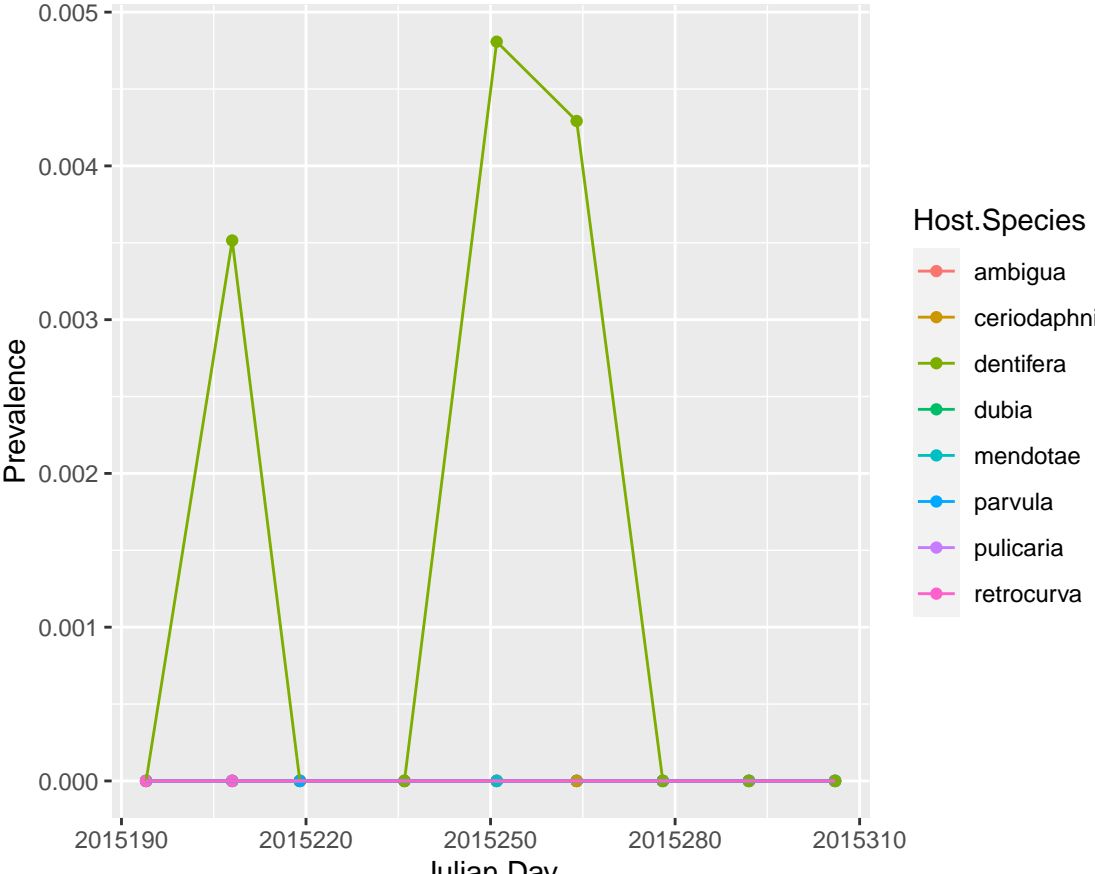
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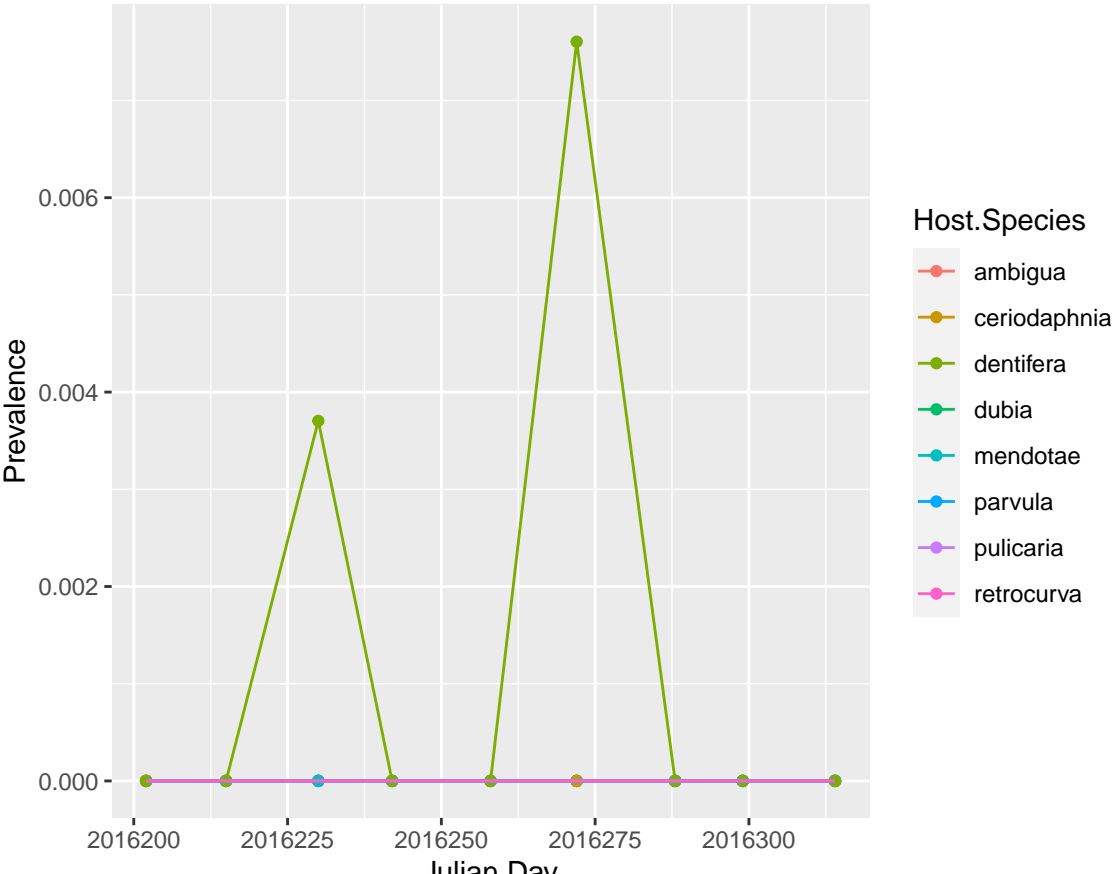
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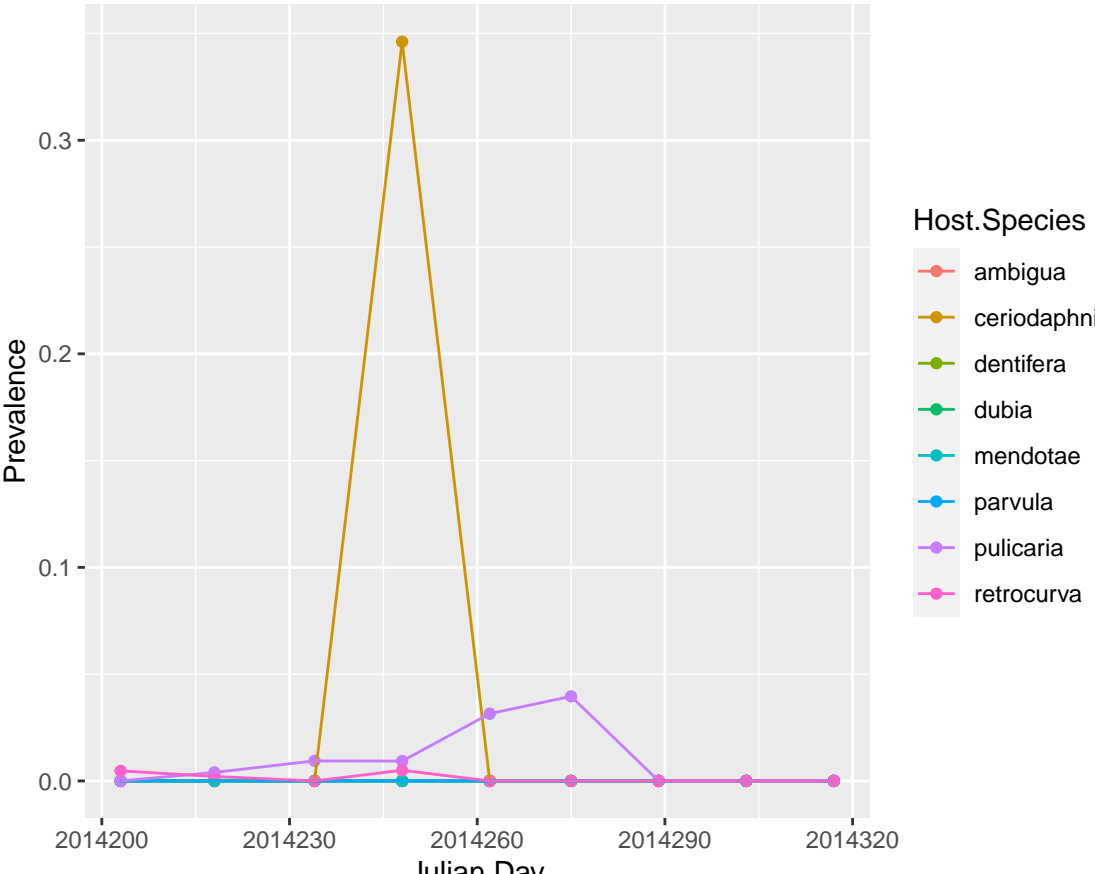
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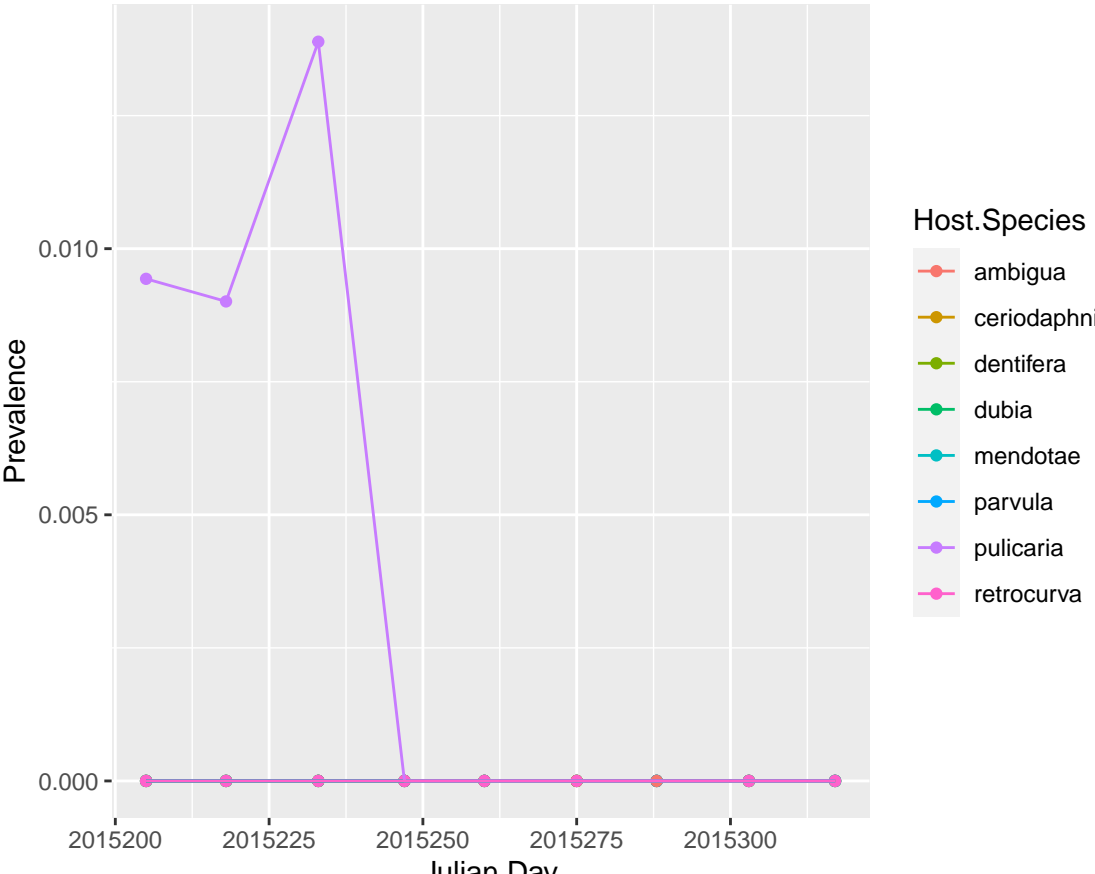
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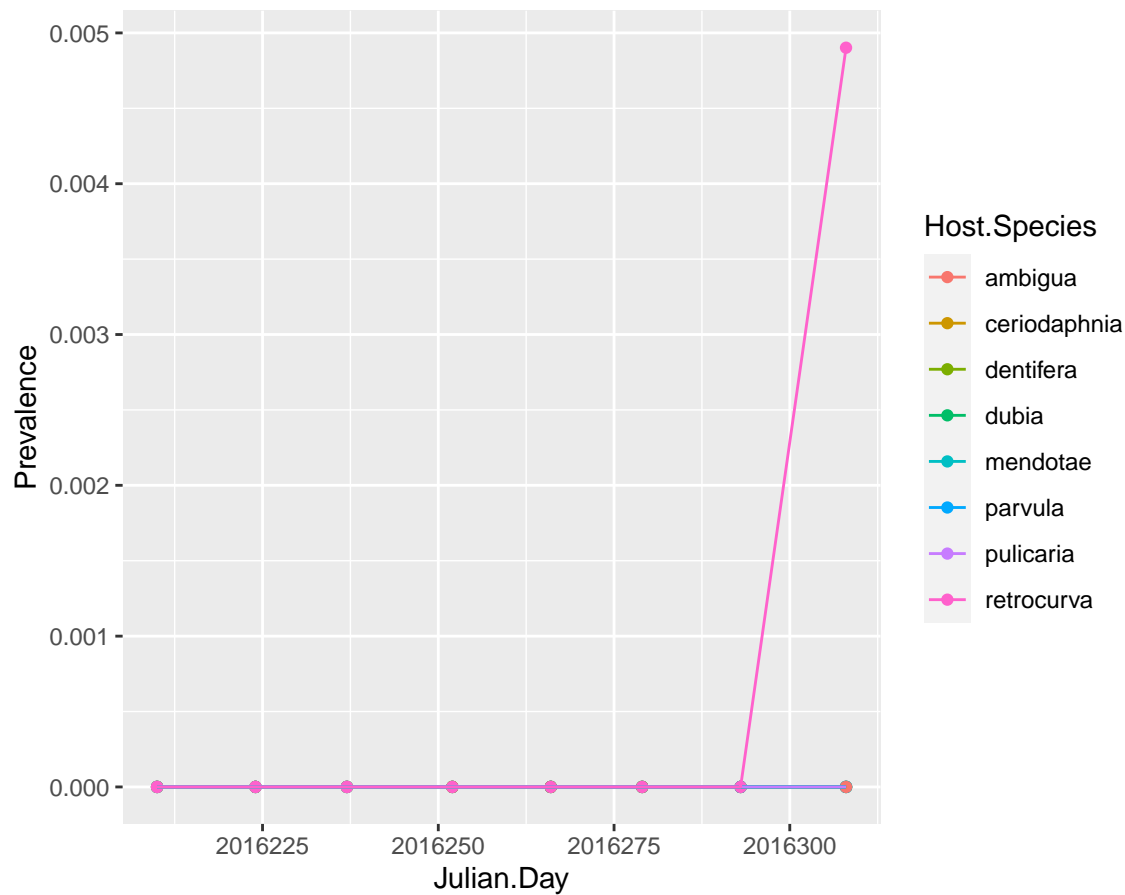
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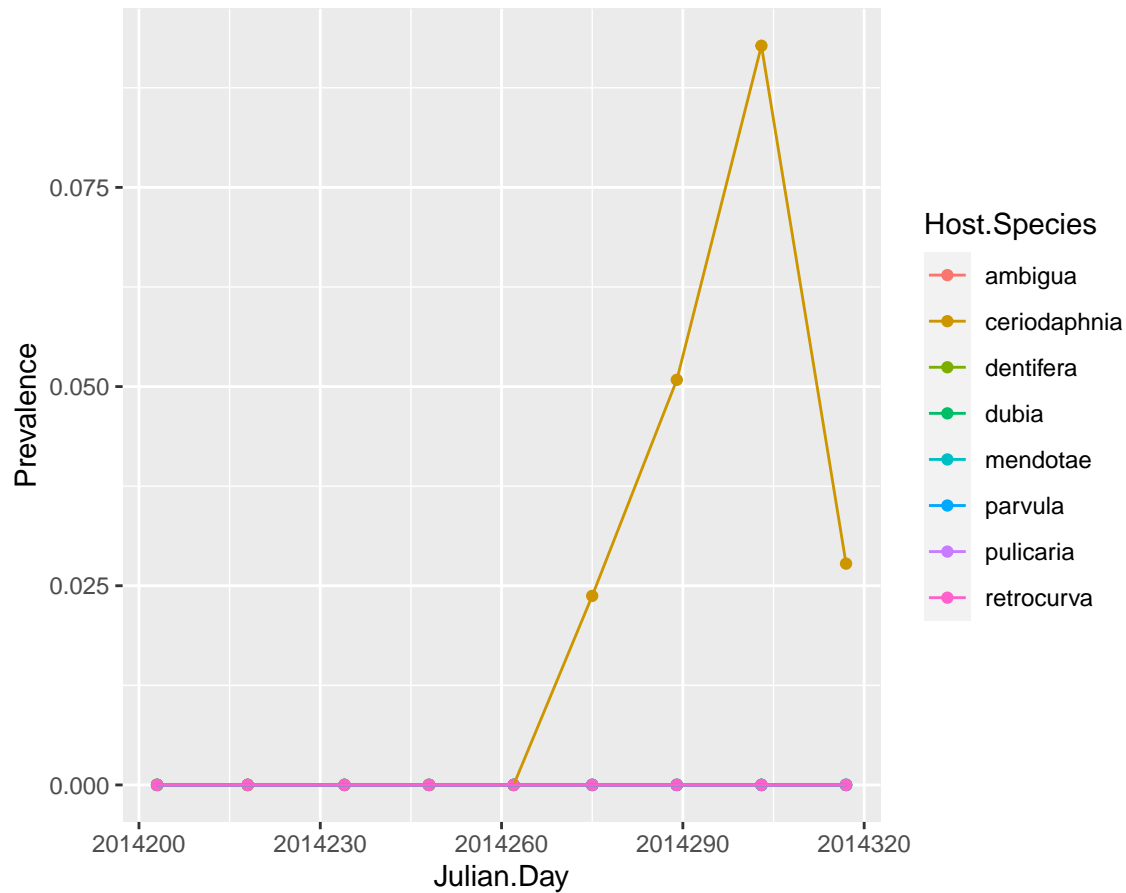
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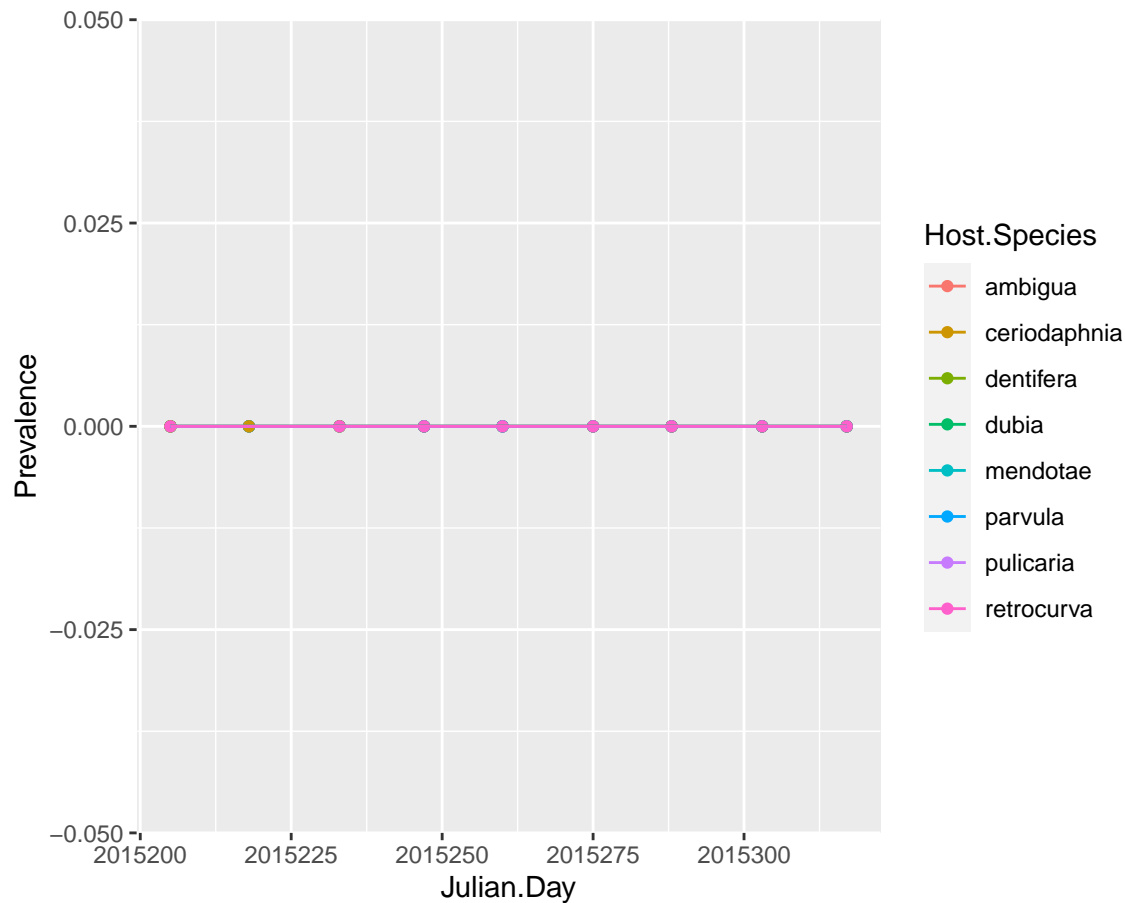
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scarletWoodland2015



scarletWoodland2016

