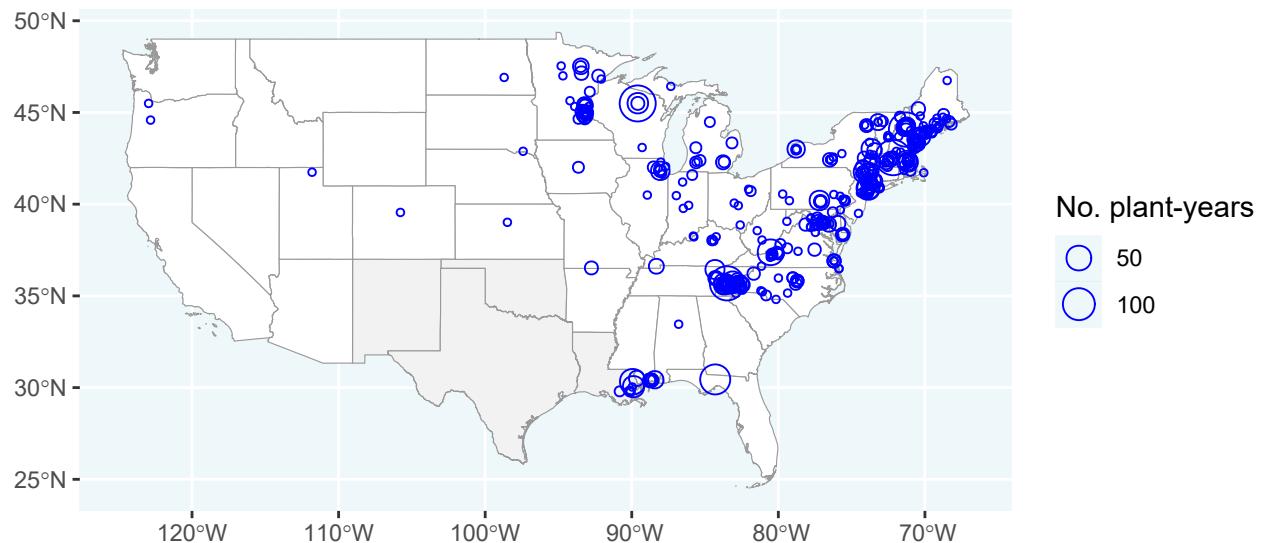


Onset of open flower phenophase

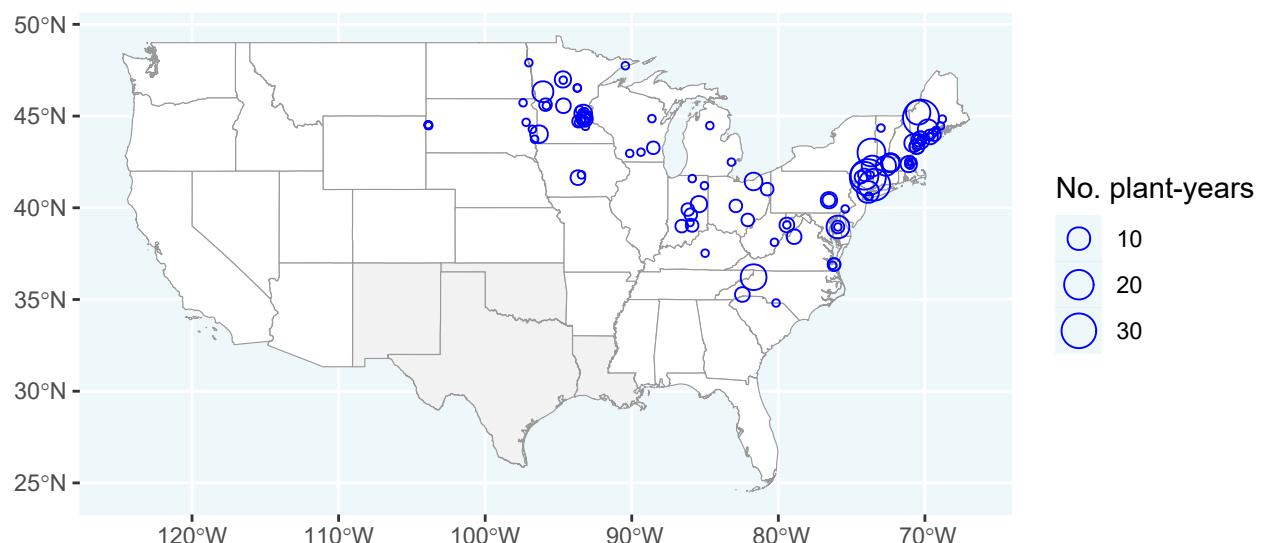
Summary of data available to model variation in open flower onset date in species with at least 30 plant-years of data, where a plant-year is all observations made of a plant in a particular water year (2023 = 1 Oct 2022 - 30 Sep 2023). A plant-year was considered to have a valid onset date if the first 'yes' was preceded by a 'no' within 14 days. Region indicates where the majority of plants were located in the US (e.g., east = eastern US). Table lists the number of unique plant locations in the US, the number of unique plant locations in each of the four states in the southcentral region, and the latitudinal range (in degrees) of observed plant locations.

Species	No. plant-yrs	Year range	Region	No. locations					Latitudinal range
				Total	LA	NM	OK	TX	
red maple	2,359	2013-2023	east	404	7	0	0	0	29-48
common milkweed	387	2013-2023	east	114	0	0	0	0	34-48
black elderberry	269	2013-2023	west	22	1	0	0	0	32-42
butterfly milkweed	136	2013-2023	east	54	0	0	0	1	27-47
eastern purple coneflower	83	2013-2023	east	43	1	0	0	0	30-47
wild bergamot	75	2013-2023	east	36	0	0	0	0	32-47
Canada goldenrod	65	2016-2023	east	2	0	0	0	0	39-45
swamp milkweed	54	2013-2023	east	23	0	0	0	0	30-47
common buttonbush	48	2013-2023	east	22	5	0	0	3	27-42
blackeyed Susan	47	2017-2023	east	25	0	0	0	0	34-48
rubber rabbitbrush	38	2013-2023	west	13	0	2	0	0	35-46
cardinalflower	34	2013-2023	east	18	0	0	0	0	30-45

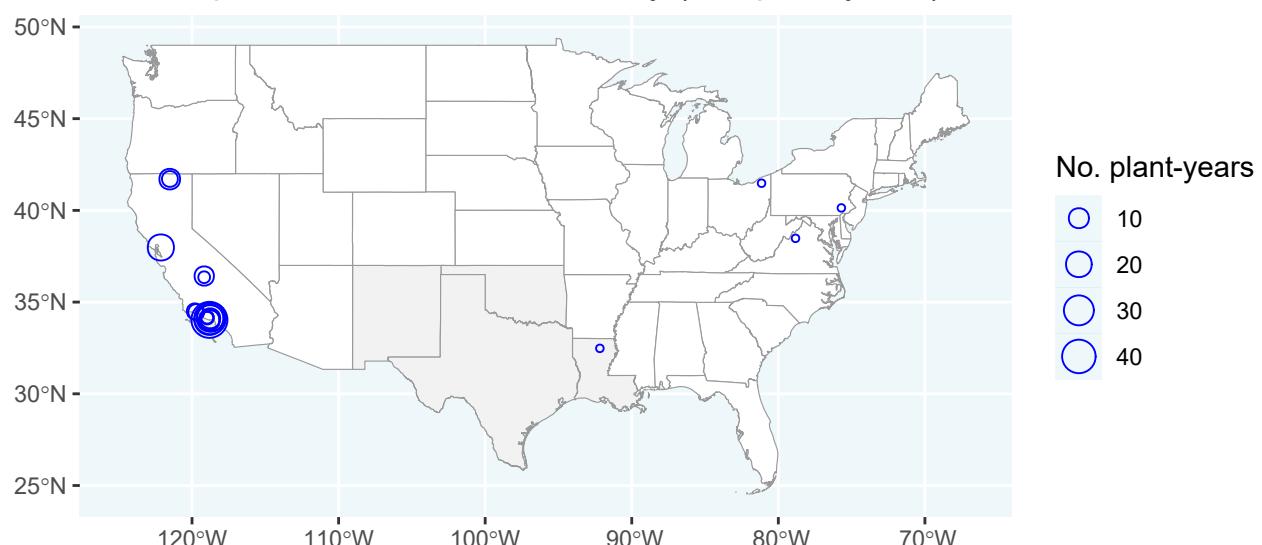
Onset, open flowers: Red maple (2359 plant-years)



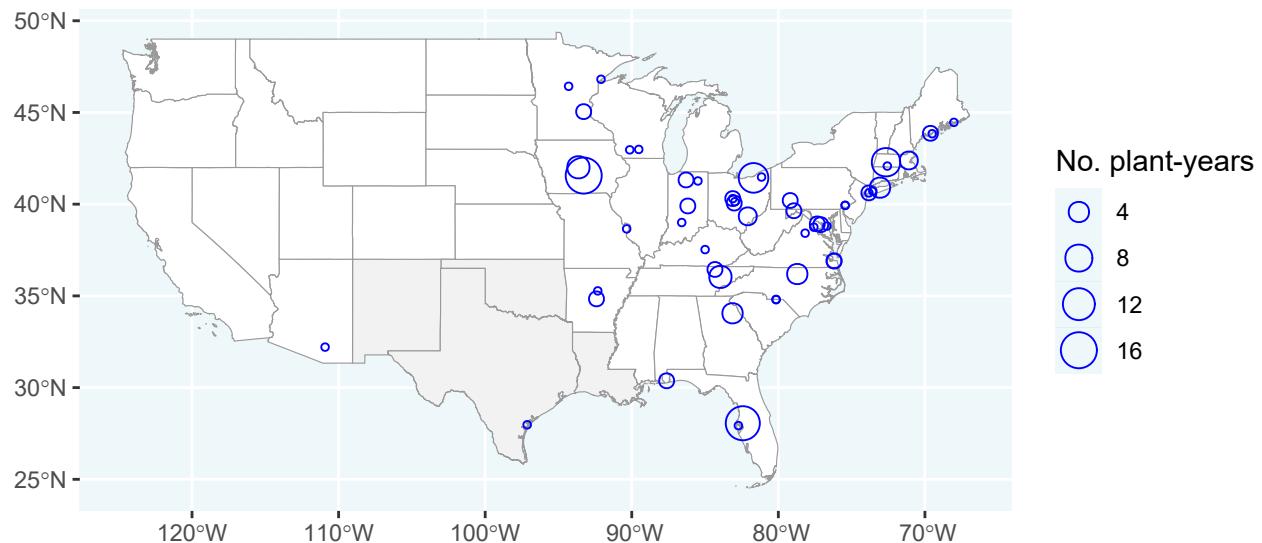
Onset, open flowers: Common milkweed (387 plant-years)



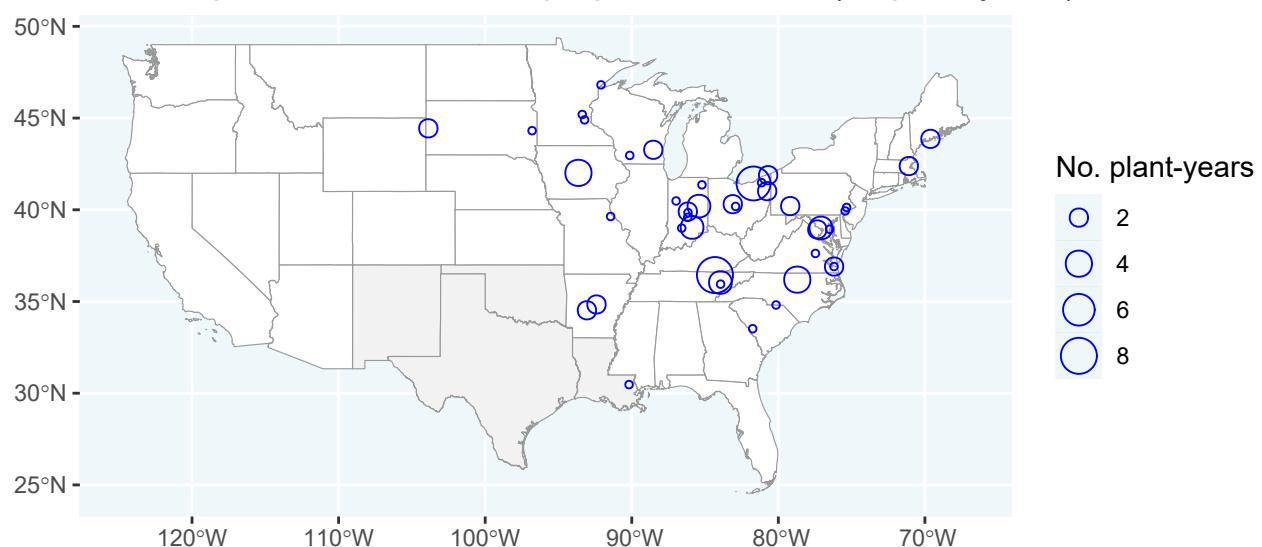
Onset, open flowers: Black elderberry (269 plant-years)



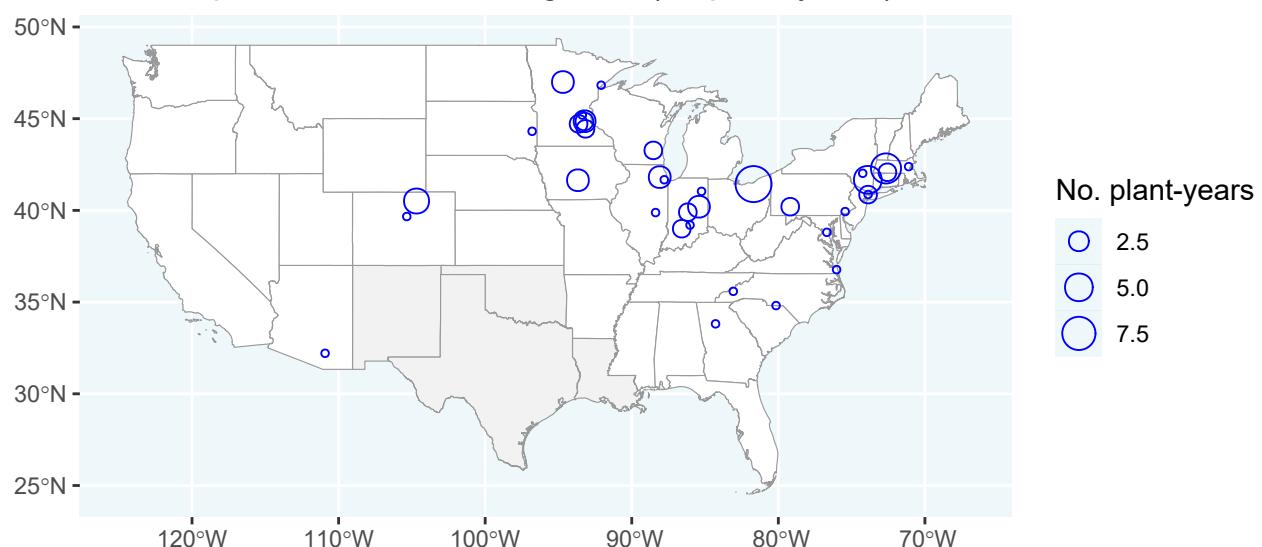
Onset, open flowers: Butterfly milkweed (136 plant-years)



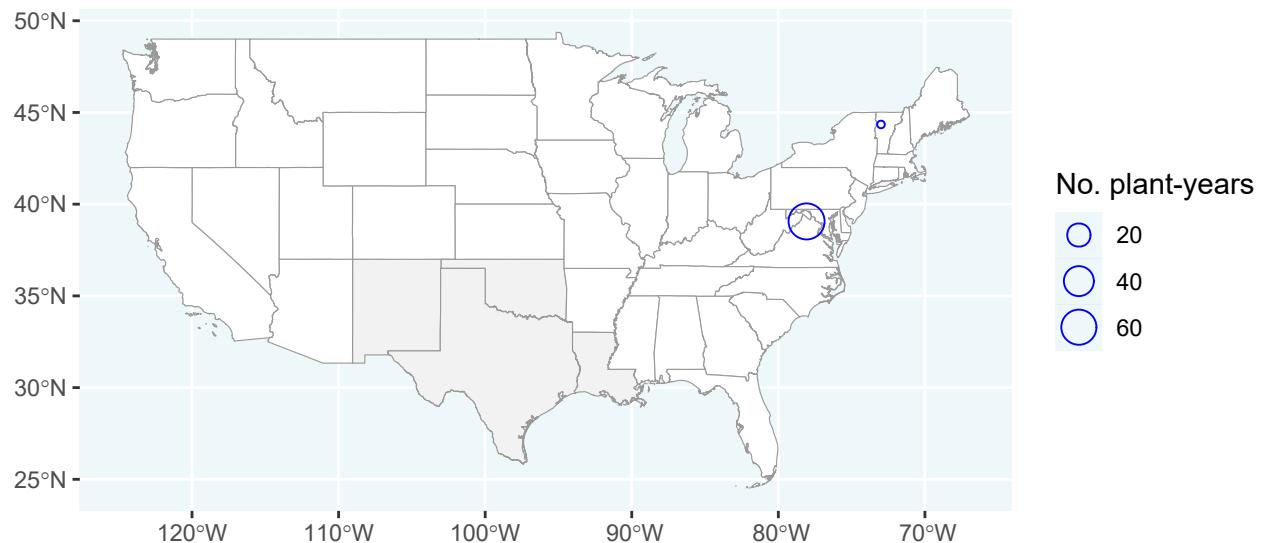
Onset, open flowers: Eastern purple coneflower (83 plant-years)



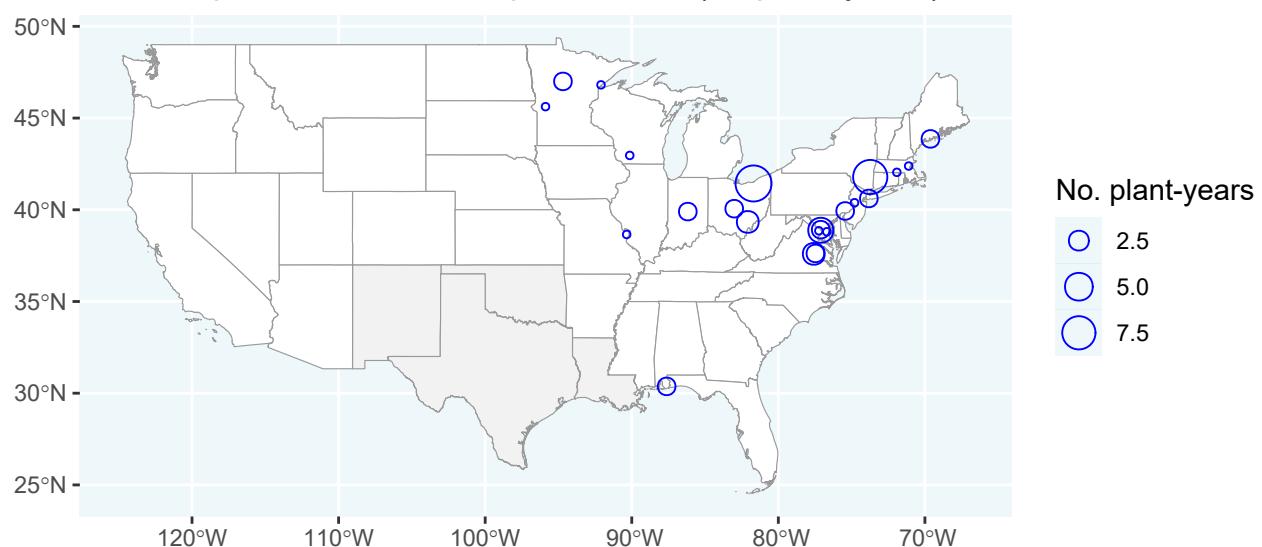
Onset, open flowers: Wild bergamot (75 plant-years)



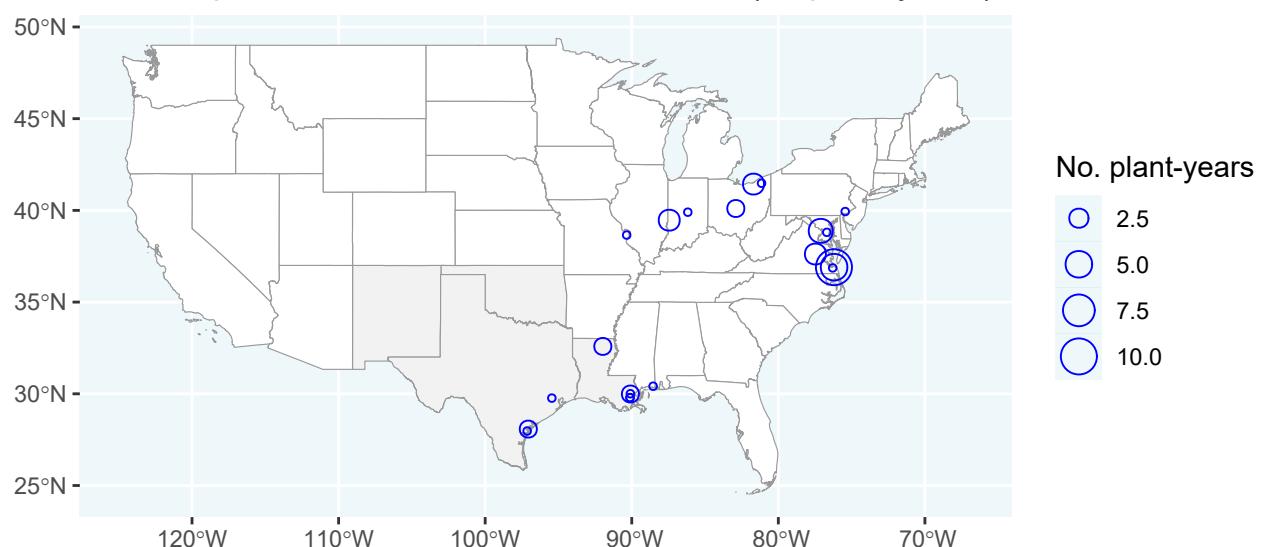
Onset, open flowers: Canada goldenrod (65 plant-years)



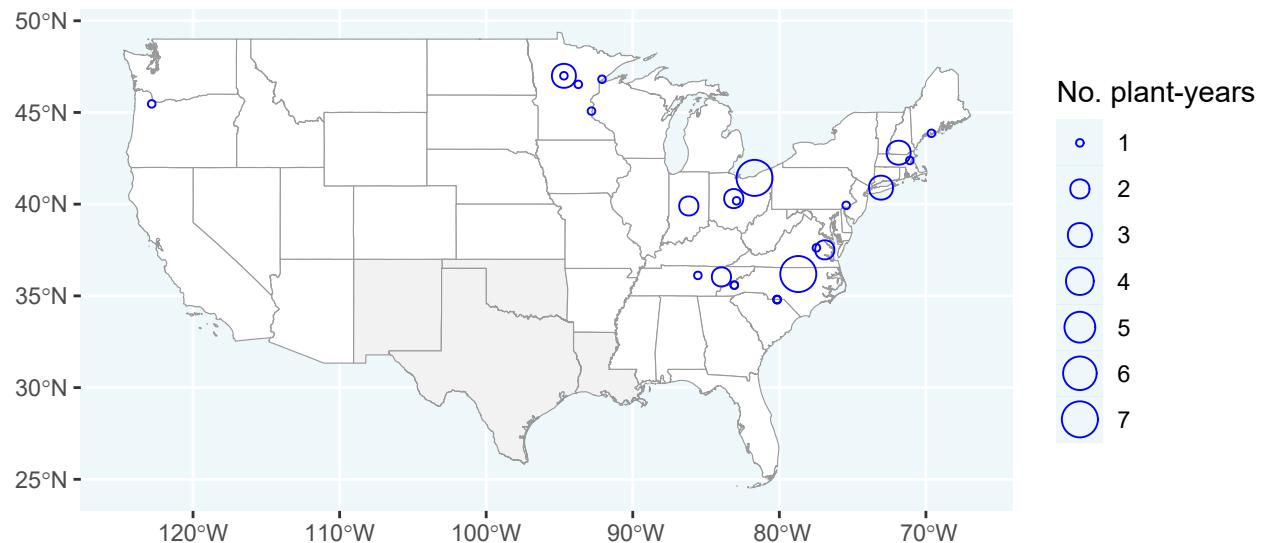
Onset, open flowers: Swamp milkweed (54 plant-years)



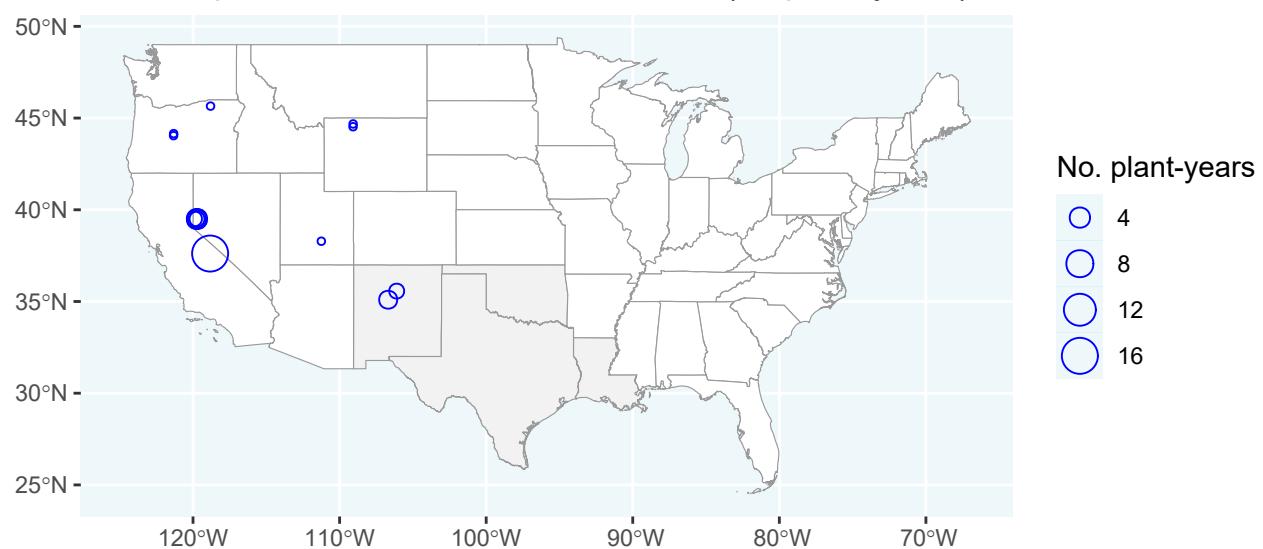
Onset, open flowers: Common buttonbush (48 plant-years)



Onset, open flowers: Blackeyed susan (47 plant-years)



Onset, open flowers: Rubber rabbitbrush (38 plant-years)



Onset, open flowers: Cardinalflower (34 plant-years)

