spatial_join

Load packages

▶ Code

Read Rast

▶ Code

▶ Code

Read GAP GDB

▶ Code

Read Point Count

▶ Code

Make Geodatabase

▶ Code

Join with GAP

▶ Code

Summary of by gap type

▶ Code

merge everything we need
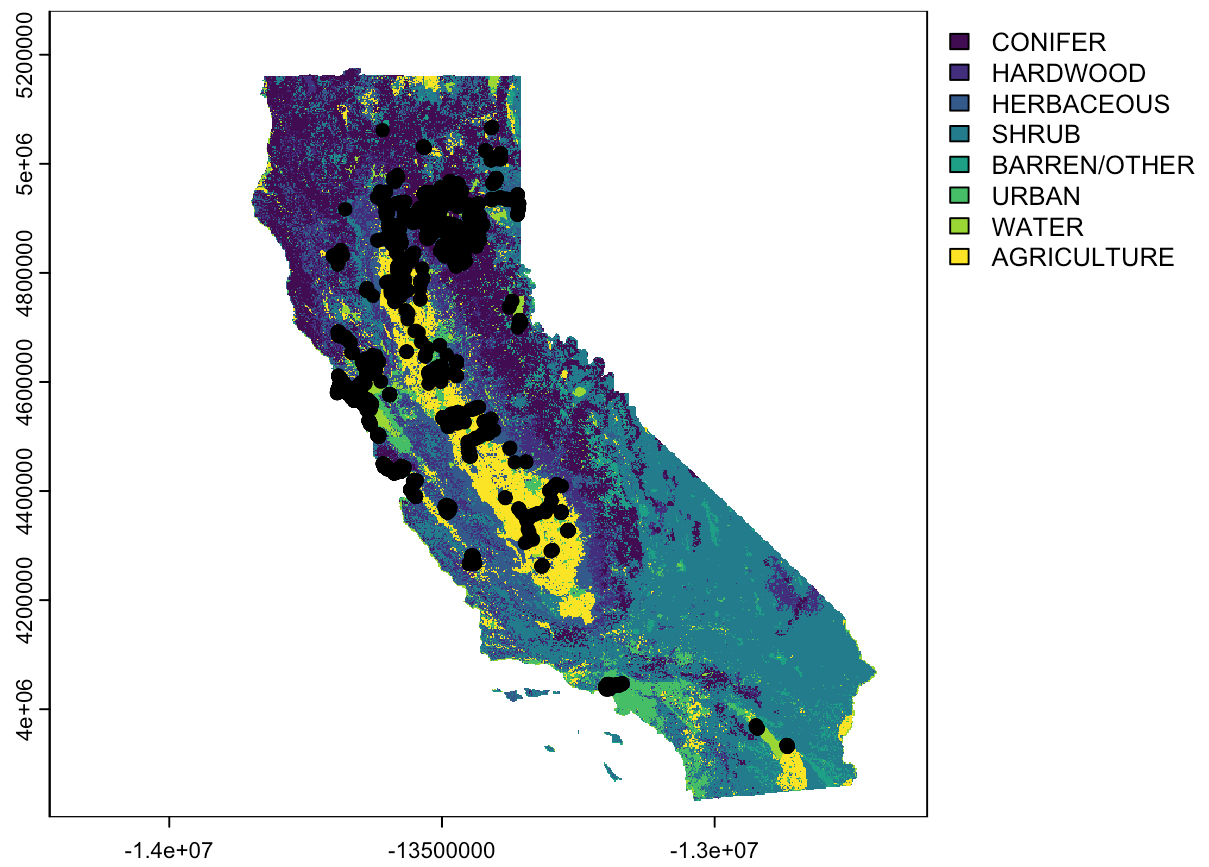
▶ Code

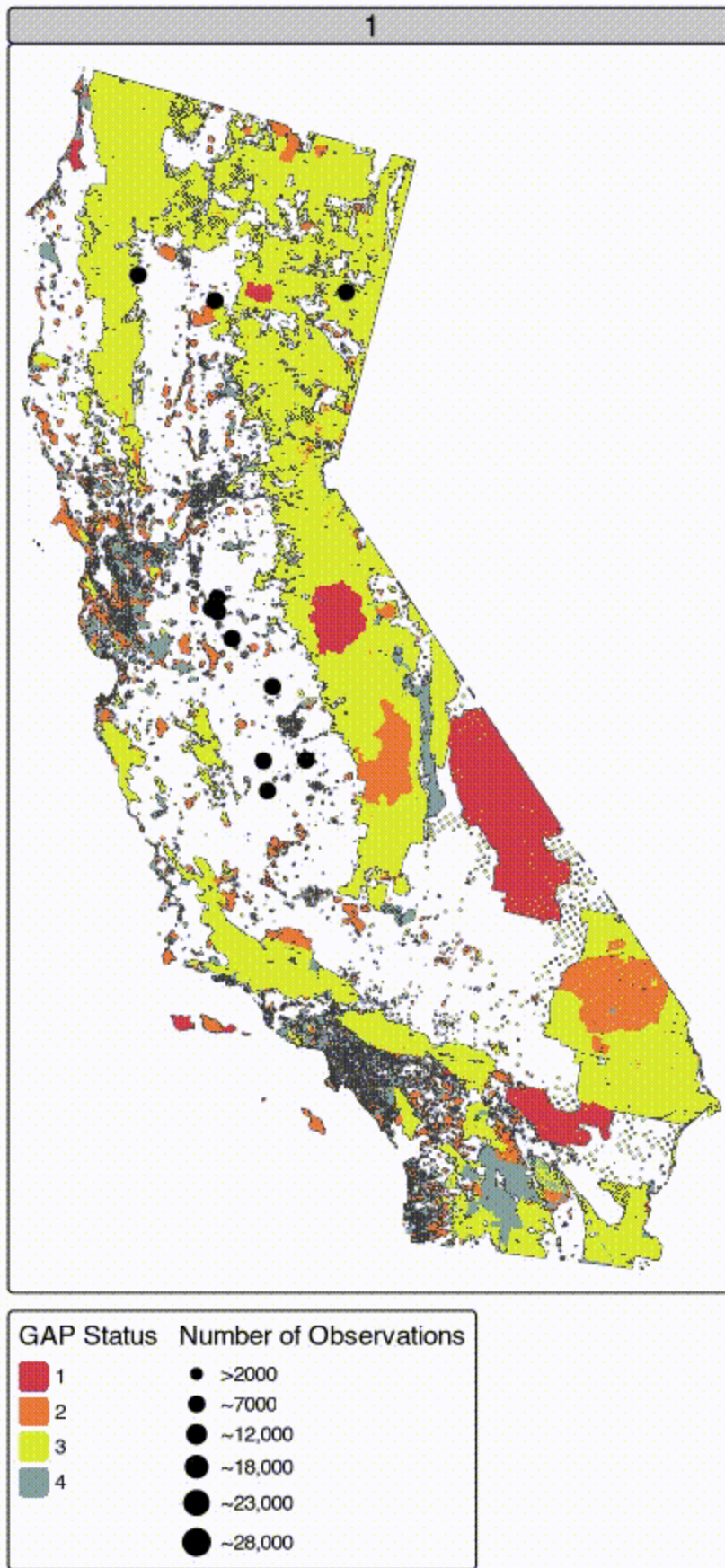summary of gap status and veg_type

▶ Code

Observations, vegitation type, and gap status

gap_sts	veg_type	observations	geometry
2	NA	412254	MULTIPOINT ((-13692534 4579...
3	NA	158395	MULTIPOINT ((-13700033 4831...
5	NA	127194	MULTIPOINT ((-13691191 4691...
4	NA	58674	MULTIPOINT ((-13680646 4598...
2	HARDWOOD	9314	MULTIPOINT ((-13691701 4584...

gap_sts	veg_type	observations	geometry
2	CONIFER	8123	MULTIPOINT ((-13691701 4584...
1	NA	6221	MULTIPOINT ((-13533337 4944...
5	CONIFER	4610	MULTIPOINT ((-13689558 4587...
2	SHRUB	4489	MULTIPOINT ((-13689567 4587...
2	HERBACEOUS	3014	MULTIPOINT ((-13691054 4583...
4	CONIFER	2168	MULTIPOINT ((-13680610 4597...
5	HARDWOOD	2037	MULTIPOINT ((-13689558 4587...
4	HARDWOOD	1930	MULTIPOINT ((-13680763 4596...
2	WATER	1757	MULTIPOINT ((-13691701 4584...
2	AGRICULTURE	1556	MULTIPOINT ((-13689567 4587...
5	SHRUB	1521	MULTIPOINT ((-13689558 4587...
3	CONIFER	1216	MULTIPOINT ((-13601859 4441...
5	HERBACEOUS	1187	MULTIPOINT ((-13689558 4587...
2	BARREN/OTHER	1089	MULTIPOINT ((-13689567 4587...
3	HARDWOOD	889	MULTIPOINT ((-13617685 4501...
2	URBAN	792	MULTIPOINT ((-13689567 4587...
4	SHRUB	680	MULTIPOINT ((-13680763 4596...
4	HERBACEOUS	646	MULTIPOINT ((-13680763 4596...
5	WATER	603	MULTIPOINT ((-13689558 4587...
3	SHRUB	356	MULTIPOINT ((-13617685 4501...
4	WATER	356	MULTIPOINT ((-13680763 4596...
3	HERBACEOUS	295	MULTIPOINT ((-13617685 4501...
5	BARREN/OTHER	293	MULTIPOINT ((-13689558 4587...
5	AGRICULTURE	265	MULTIPOINT ((-13689558 4587...
4	AGRICULTURE	185	MULTIPOINT ((-13680610 4597...
5	URBAN	155	MULTIPOINT ((-13689558 4587...
3	WATER	136	MULTIPOINT ((-13617685 4501...
4	BARREN/OTHER	131	MULTIPOINT ((-13680763 4596...
3	AGRICULTURE	103	MULTIPOINT ((-13601751 4441...
4	URBAN	98	MULTIPOINT ((-13662444 4581...
3	BARREN/OTHER	78	MULTIPOINT ((-13601859 4441...
3	URBAN	38	MULTIPOINT ((-13601751 4441...

▶ Code

Legend:
- CONIFER
- HARDWOOD
- HERBACEOUS
- SHRUB
- BARREN/OTHER
- URBAN
- WATER
- AGRICULTURE

GAP Status — Number of Observations

GAP Status:
- 1
- 2
- 3
- 4

Number of Observations:
- >2000
- ~7000
- ~12,000
- ~18,000
- ~23,000
- ~28,000

Total Point Count Observations Since 1993
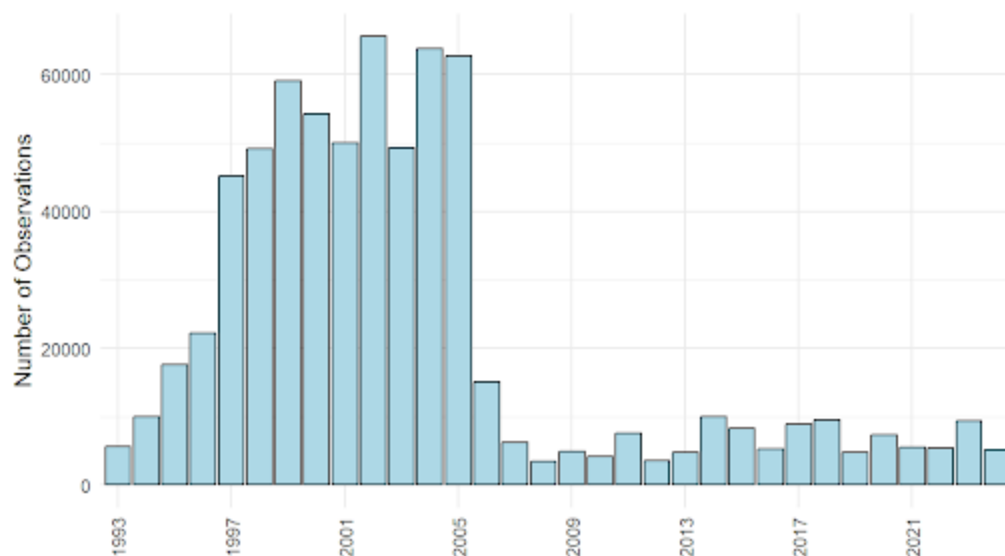
Point Count Observations Since 1993 by Month