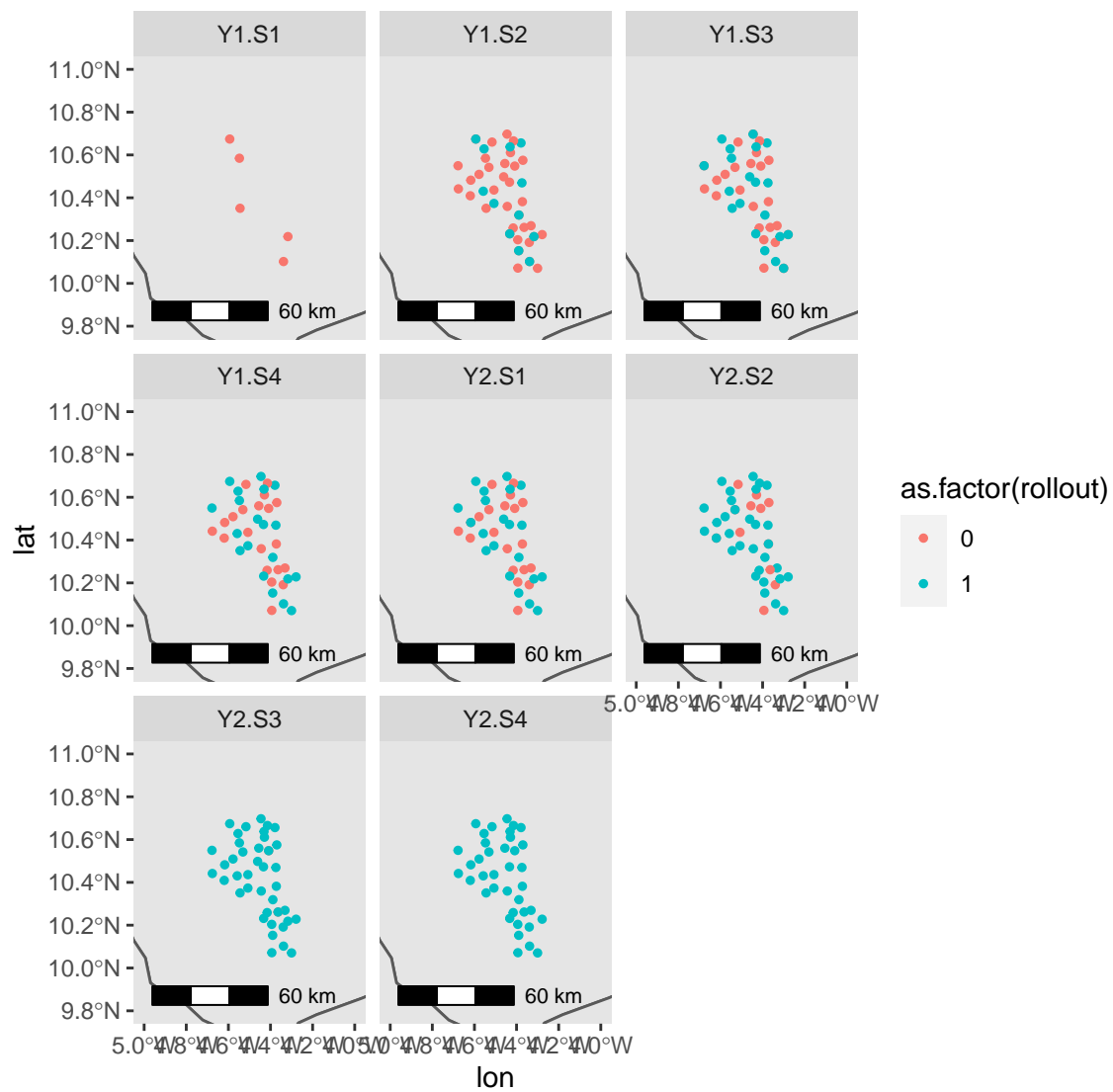
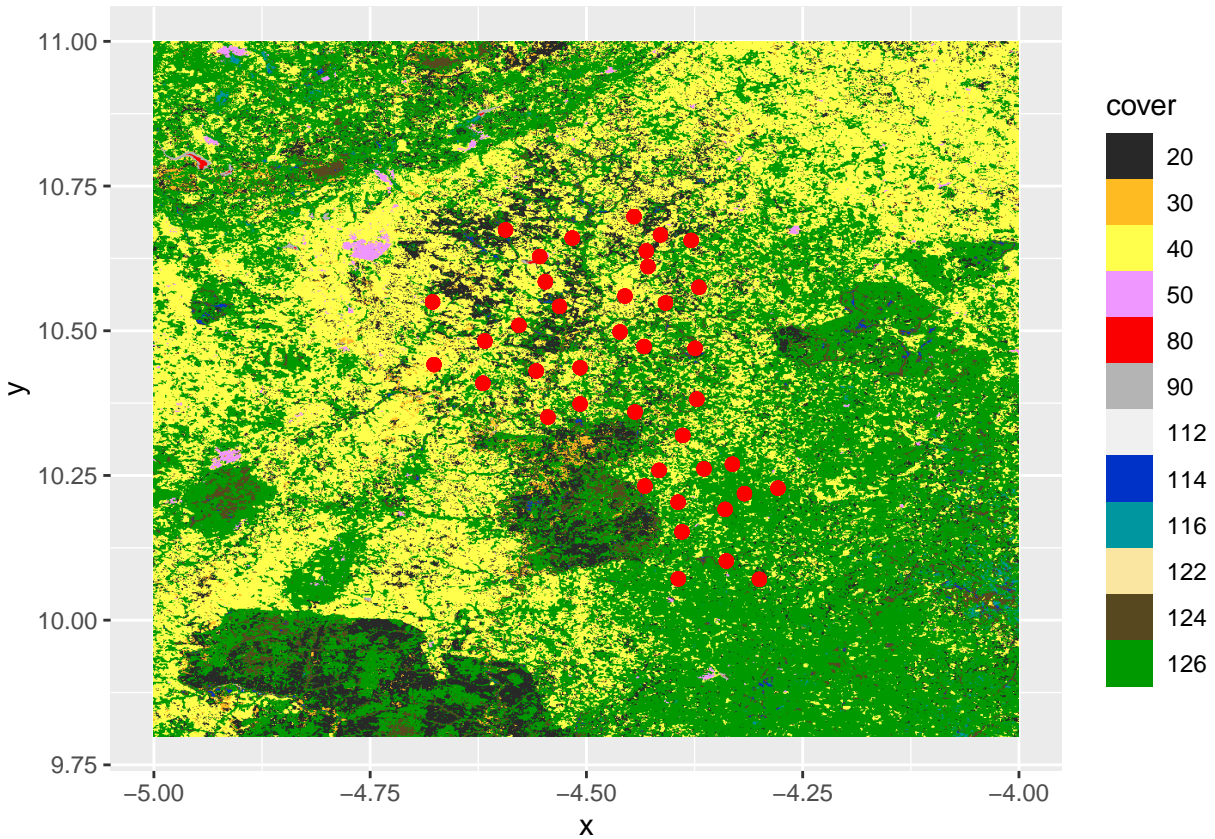


## BF Mosquito sampling



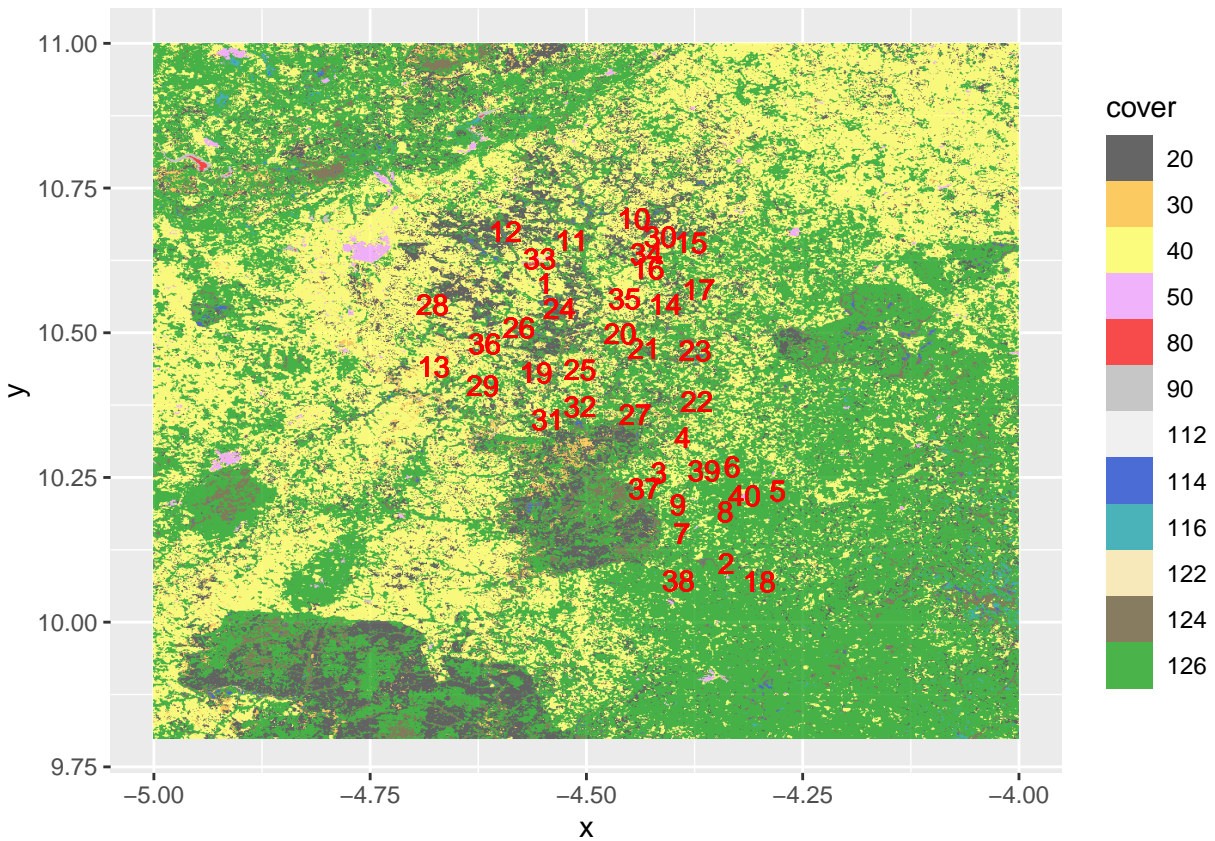
**Figure 1:** Rollout, by season, over collection time period



**Figure 3:** Clusters plotted on a map of land cover. See the metadata table but briefly: 126 is forest, 40 is agriculture, 20 is shrubs, 50 is urban.

The land cover data above is from here from Copernicus.

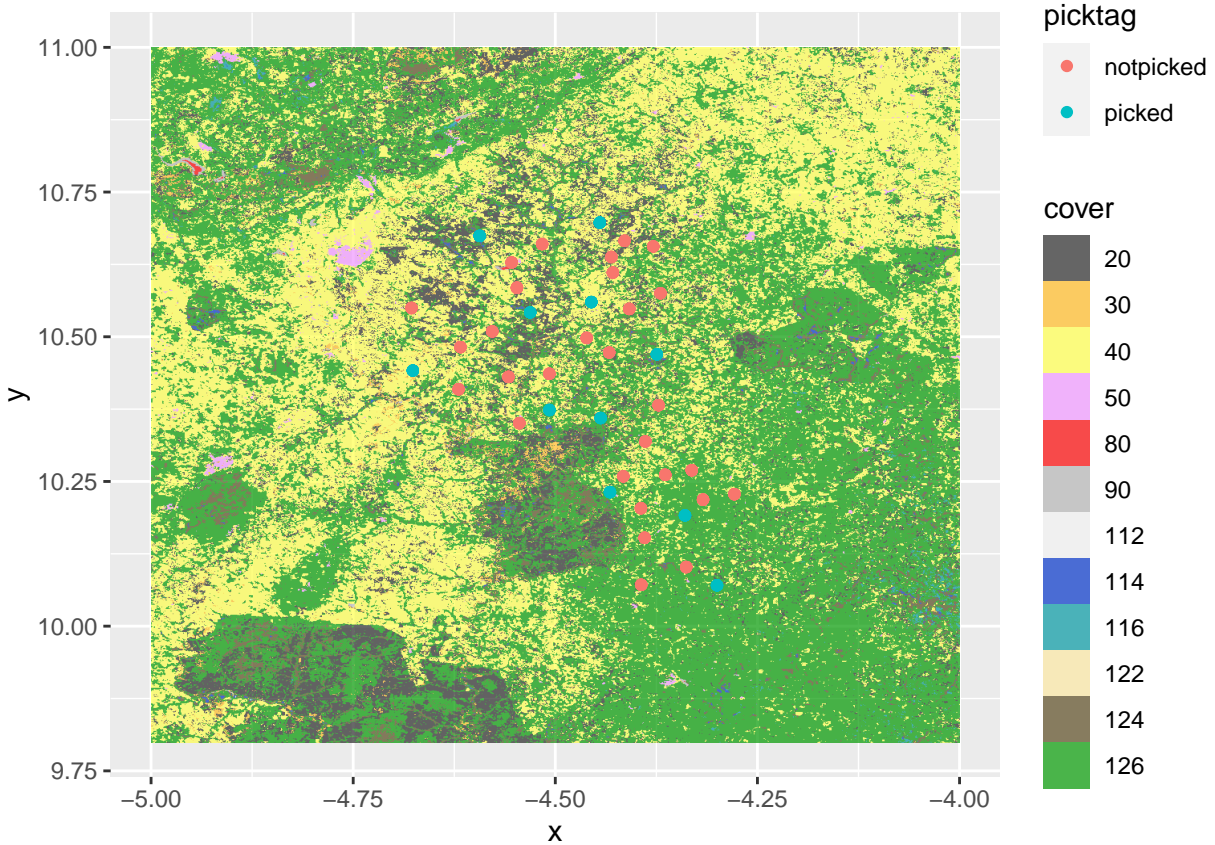
I hate almost everything about this plot but generally it looks like a cline of thinning forest from S-N with some shrubland roughly where Mafalda defined the forest park as. So let's make sure we have some samples represented by all of these.



Toggling the opacity so the general horrendousness of the colour and annotations doesn't kill us. But I think let's pick: **37, 8, 27, 23, 32, 13, 12, 35, 24, 18, 10**

```
## Joining, by = "cluster"
```





**Fig 4** Picked/unpicked samples. Sorry about the colours.

**Table 1** Metadata table for land cover values

##	V1	V2	V3
## 1	0	#282828	Unknown. No or not enough satellite data available.
## 2	20	#FFBB22	Shrubs.
## 3	30	#ffff4c	Herbaceous vegetation
## 4	40	#F096FF	Cultivated and managed vegetation / agriculture.
## 5	50	#FA0000	Urban / built up.
## 6	60	#B4B4B4	Bare / sparse vegetation.
## 7	70	#F0F0F0	Snow and ice
## 8	80	#0032C8	Permanent water bodies
## 9	90	#0096A0	Herbaceous wetland.
## 10	100	#FAE6A0	Moss and lichen.
## 11	111	#58481F	Closed forest, evergreen needle leaf.
## 12	112	#009900	Closed forest, evergreen broad leaf.
## 13	113	#70663E	Closed forest, deciduous needle leaf.
## 14	114	#00CC00	Closed forest, deciduous broad leaf.
## 15	115	#4E751F	Closed forest, mixed.
## 16	116	#007800	Closed forest, not matching any of the other definitions.
## 17	121	#666000	Open forest, evergreen needle leaf.
## 18	122	#8DB400	Open forest, evergreen broad leaf.
## 19	123	#8D7400	Open forest, deciduous needle leaf.
## 20	124	#A0DC00	Open forest, deciduous broad leaf. periods.
## 21	125	#929900	Open forest, mixed.
## 22	126	#648C00	Open forest, not matching any of the other definitions.

## 23 200 #000080 Oceans, seas. Can be either fresh or salt-water bodies.