

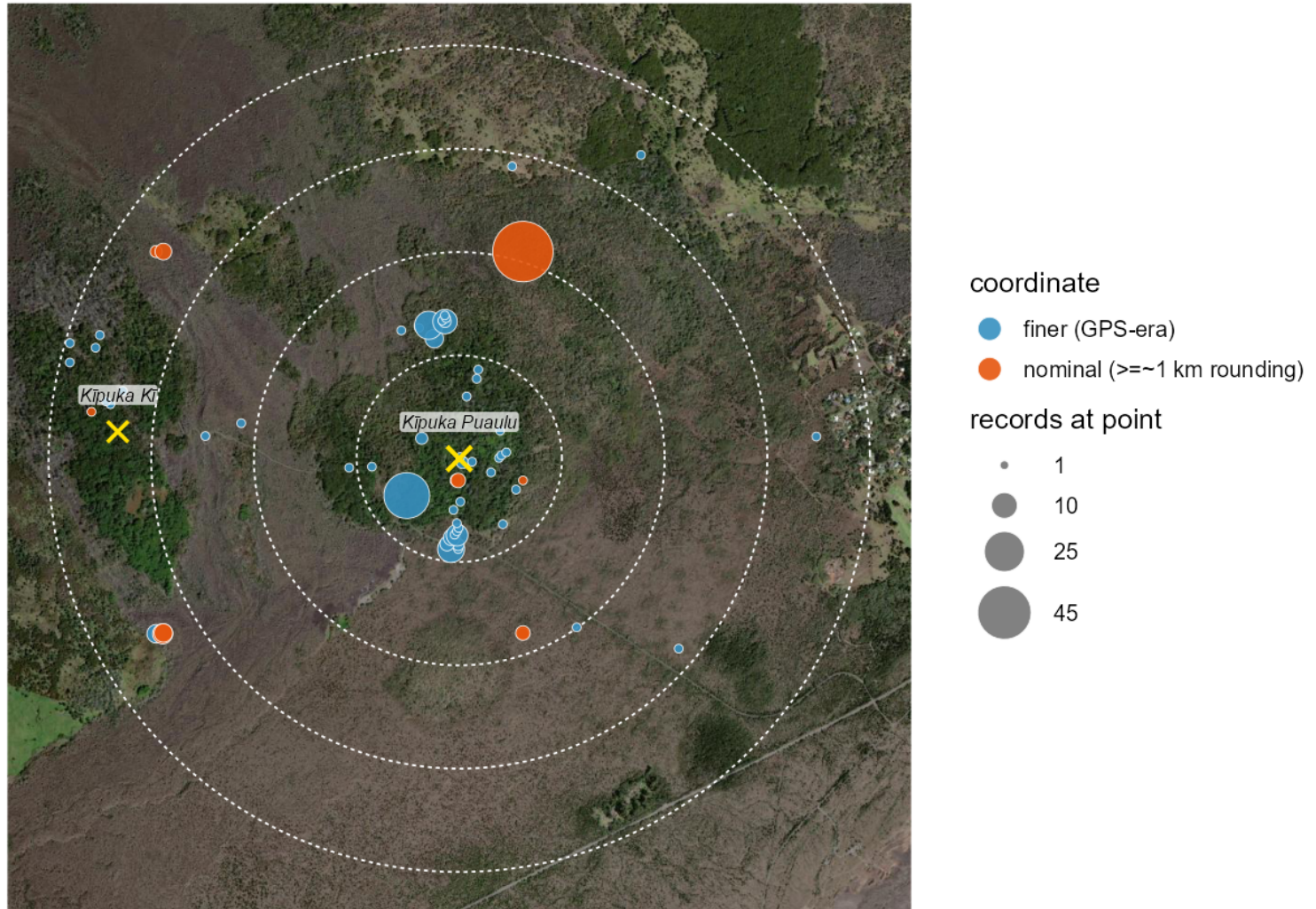
The Place at Several Scales

briefing_book · Report R1 · Kīpuka Puaulu

Kīpuka Puaulu, HVNP · 19.44095°N 155.30295°W · 1229 m

Kīpuka Puaulu at several scopes

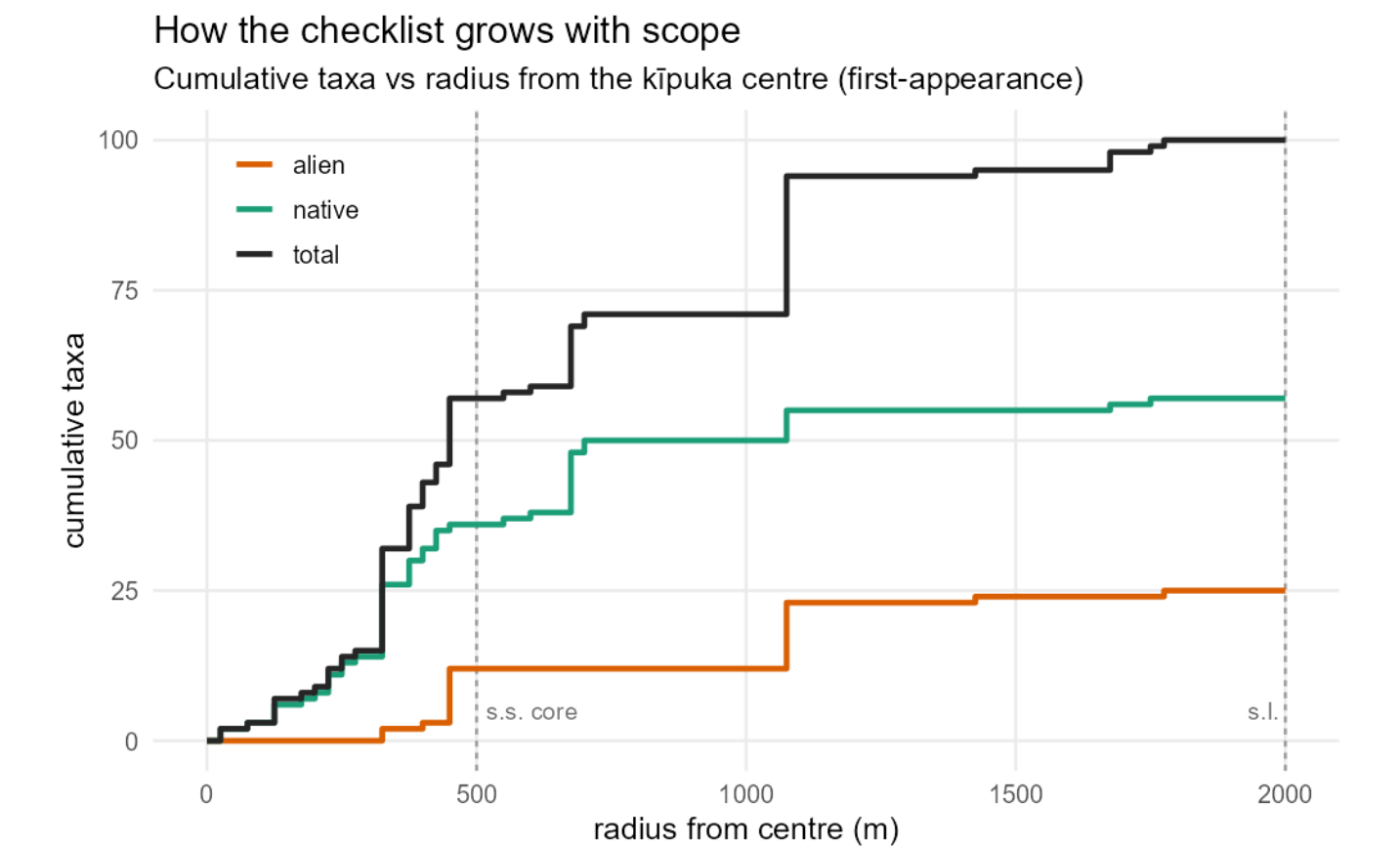
GBIF herbarium records on nested radii from the loop-trail centre



as. Rings 500 m / 1 / 1.5 / 2 km. Point size = records stacked. Orange = coarse gazetteer coordinate.

Each point on the map is the location of a herbarium VOUCHER SPECIMEN. Reading the scopes: scope is a choice — the checklist roughly DOUBLES from the sensu-stricto core to sensu lato (57 taxa within 500 m to 100 within 2 km). The outer halo is not just diffuse matrix; to the west it annexes a SECOND kīpuka, Kīpuka Kī, grazing-thinned and species-poorer. And the fine scale is georeferencing-limited: 39% of records sit on coarse gazetteer coordinates and ~30% of taxa cannot be placed below ~1 km — a true sensu-stricto flora of the kīpuka proper would need re-georeferencing from the labels.

How the checklist grows with scope



radius	records	taxa	pct native
500 m (s.s. core)	90	57	73
1 km	130	71	79
1.5 km	192	95	69
2 km (s.l.)	224	100	69

The map describes the geography of the RECORD, which at this site differs from the geography of the plants. Records snap to a coarse gazetteer / DMS lattice; the nominal points hold 39% of all records. Native fraction dilutes outward (73% core to 69% at 2 km). Centre = the kīpuka loop-trail centre.