Most important question:

**Is there a difference between a non-native cool season grassland (NNCSG) and a non native cool season grass transition to native pollinator habitat (NNCSG -> NPH)\* in terms of vegetative resources (habitat) for monarchs/pollinators two and three years after NPH establishment?**

**\*(NNCSG -> NPH): residue removed (mowing, baling, burning), 1-2 applications of glyphosate in late summer/fall, pollinator seed mix planted, mowed 3 times first growing season**

Sites to exclude from analysis:

* sie1, uth1, uth2: not planted
* fis1: not enough site prep count as planted

**Inflorescence – ANOVA with #1 density as response** (#2 common milkweed, swamp milkweed, butterfly milkweed density as response)

* 2016 vs 2018
* 2016 vs 2019

Possible Factors

* Round (possibly, look at nesting)
* Planted/non planted
* Year
* Grant
* ~future: a grouping by previous mowing history, native status, previous vegetation type?

**Inflorescence richness (#1 total number of species which bloomed in a year) – ANOVA with richness as response**

* 2016 vs 2018
* 2016 vs 2019

Possible Factors

* Round (possibly, look at nesting)
* Planted/non planted
* Year
* Grant
* ~future: a grouping by previous mowing history, native status, previous vegetation type?

**% cover change: CSG, forbs, milkweed (could include any of the cover classes but these are most important) – ANOVA with cover class as response**

* 2016 vs 2018
* 2016 vs 2019

Possible Factors

* Class
* Year
* Grant
* ~future: a grouping by previous mowing history, native status, previous vegetation type?

**Milkweed ramet density for each of three species from nectar?**

* Only have data for 2017 and on for milkweed ramets so can’t make before/after points but could show changes over time. Not necessary to include round as factor.
  + Ramets were counted by species ‘common milkweed ramet’ ‘swamp milkweed ramet’ ‘butterfly milkweed ramet’