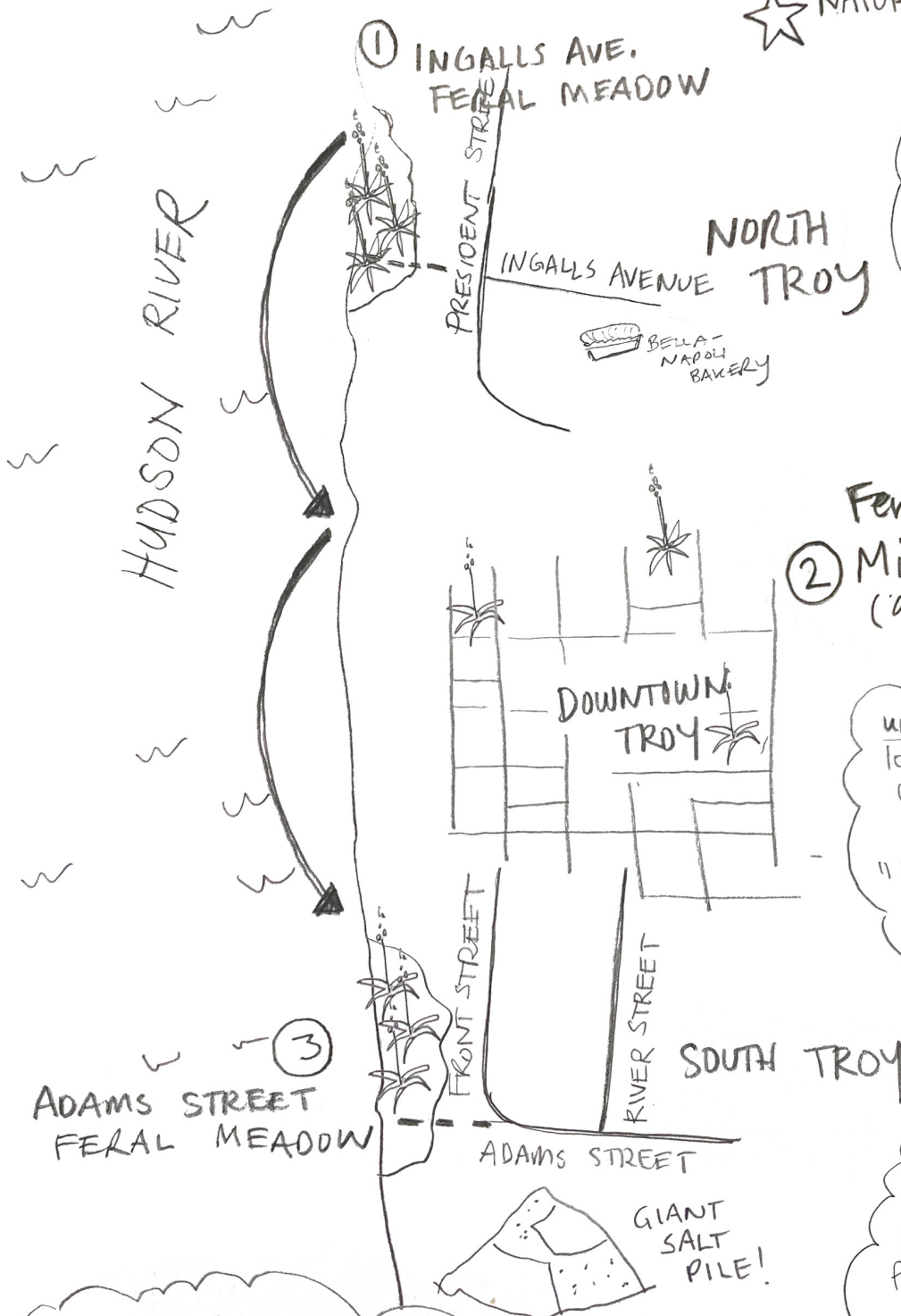




EVENING PRIMROSE REDISTRIBUTION NETWORK!

Take these seeds collected in North Troy and scatter them in a feral meadow in Downtown or South Troy. You'll increase primrose genetic diversity, which is good for biodiversity, which is good for all of us! 🐸🐞🌱🦋

★ NATURE Lab



Evening primrose (*Oenothera biennis*) ⇒
 A wild plant with yellow flowers that can live in difficult landscapes like brownfields and other places disturbed by human activity. Liked by insects and birds, used medicinally by some people

Feral Urban
 ② Mini Meadows (aka "vacant" lots)

urban grid ⇒
 lots of pavement + concrete = hard to grow ⇒
 "habitat fragmentation" for wild plants

brownfield ⇒
 former industrial or commercial land where current/future use is affected by environmental contamination (toxic chemicals, heavy metals, dangerous trash etc.)

Feral meadow ⇒
 Open land that was heavily used by people (for factories, storing junk, parking cars... whatever) then left alone to "re-wild" ⇒ not totally wild, but not domestic either

A Study from 2011 on Evening Primrose:

"A direct comparison of the consequences of plant genotypic and species diversity on communities and ecosystem function"

-Susan Cook-Patton et. al.
Cornell University



COOK-PATTON and her team found more different kinds of bugs on the groups of primrose plants that had really different DNA

We look the same, and we are! We are pretty much "clones", meaning we are visually similar, and our DNA is the same.

we support a few kinds of insects

We support lots of kinds of insects

We look the same to you, but we're not! We are "genotypically diverse" meaning our DNA is different

More genetic diversity in primrose plants = more insect diversity



Thick leaves are best for hiding

I like evening primrose with tender leaves

DNA is the "root" of traits we cannot see!

I like primrose with big seeds

Primrose with lots of flowers and pollen is best!

I like primrose with small seeds

I prefer really tall primrose

I really can't eat that bitter primrose

