

1998 LTER Main Site

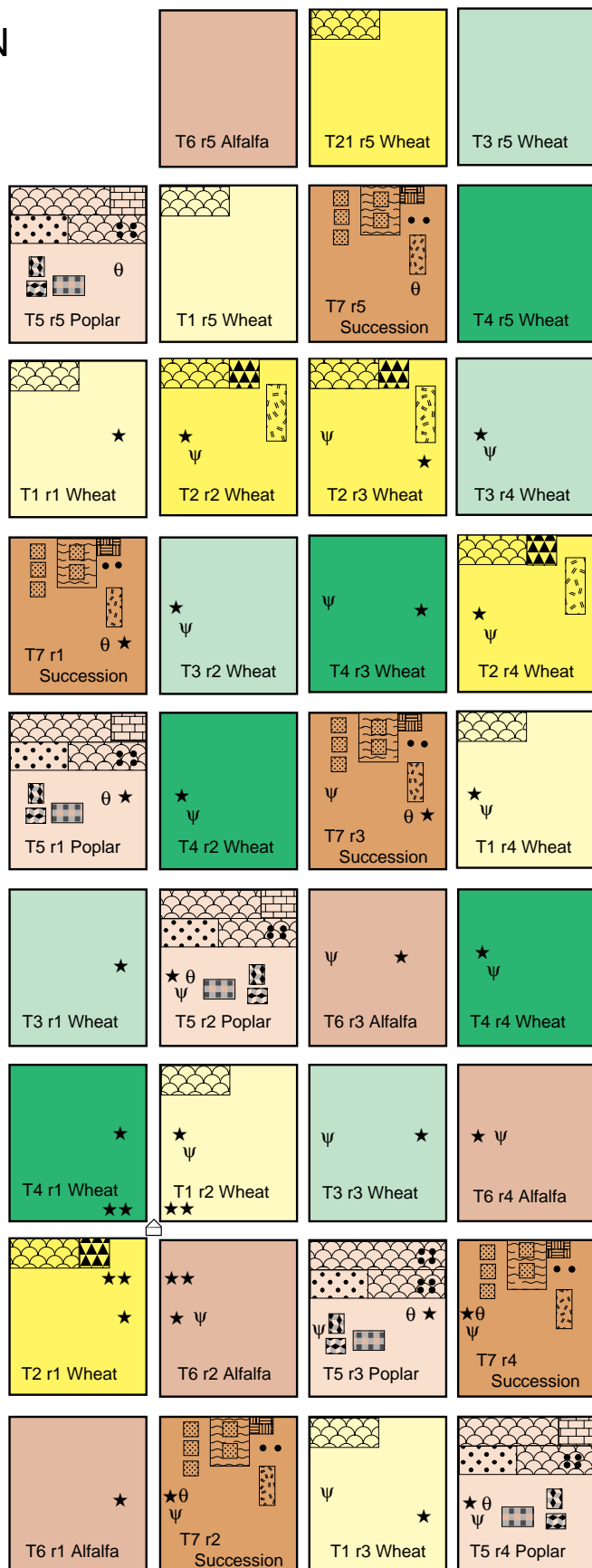
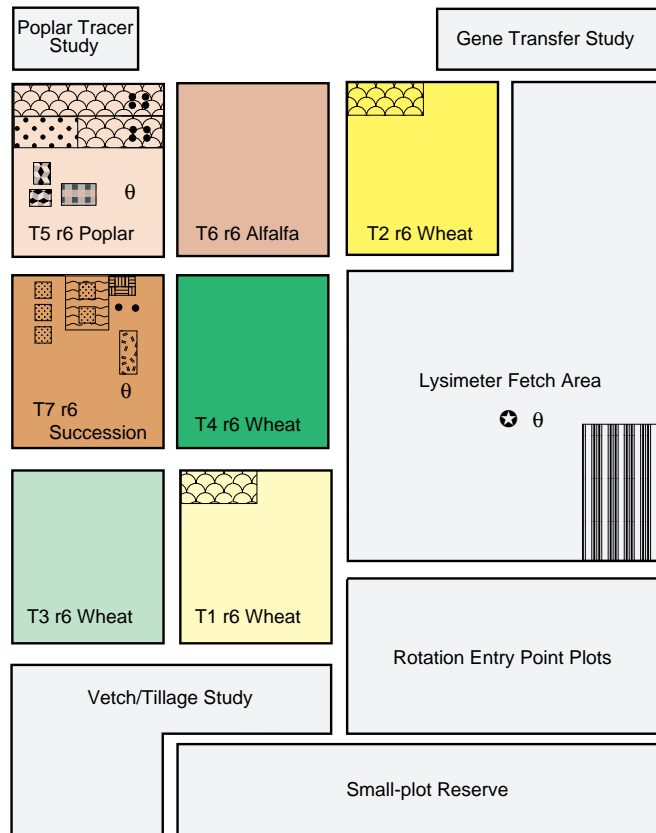
Treatments

- T1 High input **wheat**/corn/soybean conventional till
- T2 High input **wheat**/corn/soybean no till
- T3 Low input **wheat**/corn/soybean with cover crop
- T4 Zero input **wheat**/corn/soybean with cover crop
- T5 Perennial biomass - *Populus* trees
- T6 Perennial biomass - Alfalfa
- T7 Successional community - Historically tilled
- T8 Successional community - Never tilled (off-site)
- T21 Same as T2 r5 but plowed 1994

- Nitrogen fertilizer microplot
- Poplar allometry microplot
- Moldboard plow microplot
- Leaf Litter Traps
- 2m x 1m Poplar trees, no fescue cover
- Plant competition microplots (3 density x 2 herbicide)
- Gypsy moth biocycling
- Litter transplant study
- Cross-site decomposition study
- Root turnover study

- Minirhizotrons
- ★ Trace gas flux chambers
- θ TDR Rods
- ψ Low tension suction lysimeters
- ⊕ Weather station & weighing lysimeter
- ⊖ Trace gas shed

Soil Profile Pit



T8 r1
T8 r3
T8 r2
T8 r4
(200 m off-site)