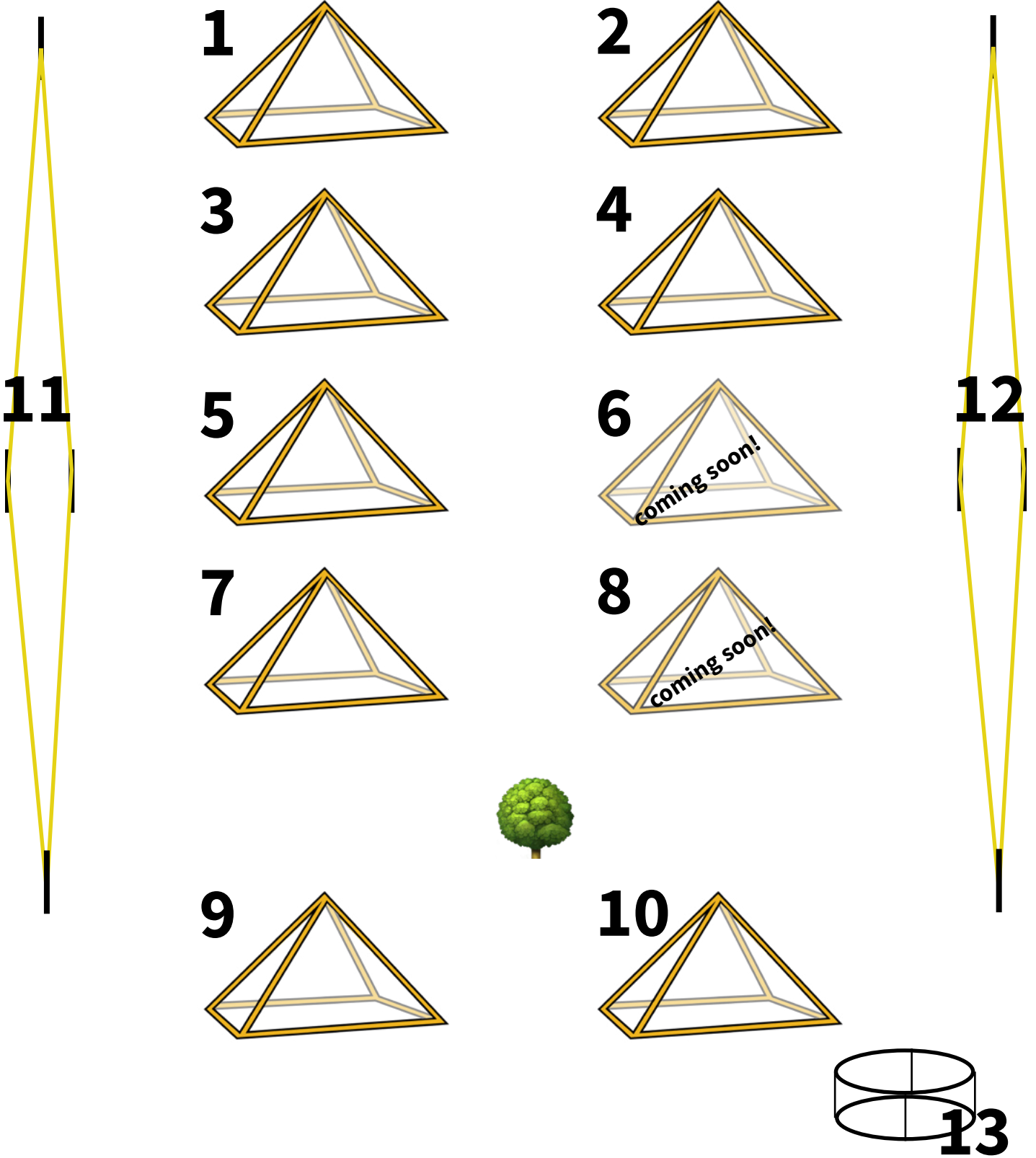


LAWN (RE)DISTURBANCE LABORATORY at NATURE Lab, 2021 Plot Map



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LAWN (RE)DISTURBANCE LABORATORY

at NATURE Lab, 2021 Plot Guide (updated 5/11/21)

Plot 1: Established: May 18, 2020. Treatment: Lawn left unmowed from 5/18/2020.

Plot 2: Established: April 21, 2020, Treatment: Turf removed by hand, soil left bare for re-growth from soil seed bank. Other notes: Rocky soil, removed 30+ fist-sized smooth river rocks during initial treatment. 2020 growth included Virginia pepperweed, ailanthus, lambsquarters (wild spinach), clover, dandelion.

Plot 3: Established: June 7, 2020. Treatment: Lawn left unmowed from 6/7, 4 Land Institute *Silphium integrifolium* seedlings planted. Other notes: Hand-trimmed around Silphium plants 4x

Plot 4: Established: April 14, 2020. Treatment: Turf removed by hand, bare soil covered in CCG compost/mulch, allowed to rewild from soil seed bank. Other notes: Asphalt present under turf (single layer under ~50% of plot), removed during initial treatment. 2020 growth included three evening primrose plants that bolted and went to seed.

Plot 5: Established: June 7, 2020. Treatment: Turf removed by hand, soil left bare for re-growth from soil seed bank except for planting of 4 Land Institute *Silphium integrifolium* seedlings. Read more about silphium in the notes for plot 11. Other notes: Hand-trimmed around Silphium plants 4x

Plot 6: TBD

Plot 7: TBD

Plot 8: Primrose! Established: May 6, 2021. Treatment: Turf removed by hand in group workshop, soil left bare for re-growth from soil seed bank except for hand sowing of ~100 evening primrose (*Oenothera biennis*) seeds collected from around the region to encourage genetic diversity and pollinator benefits.

Plot 9: Primrose! Established: May 7, 2021. Treatment: Turf removed by hand in group workshop, soil left bare for re-growth from soil seed bank except for hand sowing of ~100 evening primrose (*Oenothera biennis*) seeds collected from around the region to encourage genetic diversity and pollinator benefits.

Plot 10: Mowed less frequently (4 x/year)

Plot 11: This long, narrow plot houses 14 *Silphium integrifolium* plants, a wild perennial sunflower native to the mid-western US. They are being grow here as part of the Land Institute's civic science experiments with producing new, sustainable sources of oil not produced in damaging monoculture settings. These plants were planted as seedlings in June 2020. They should grow tall, blossom, and seed this August! Learn more at landinstitute.org.

Plot 12: More silphium! This plot is sunnier and dryer. Do you see differences in the plants growing here versus plot 11?

Plot 13: Newly sowed (from seed) annual sunflowers including dwarf sunflower elves, reddish hued evening sunflower, and silver-leafed sunflower, sourced from the Hudson Valley Seed company. Seeds were sowed with virtual participation from NATURE Lab's 21st Century after school program.

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