

PHASE 4: Reaching Out; Small Livestock; Evolving with Succession

Year 10 - 2018: Outdoor gathering places; small livestock				
Operations & Infrastructure	Plants & Gardens	Amenities & Fun Stuff	Education & Outreach	Marketing Expenses / Income Streams
Investment: DIY gazebo (upcycled materials as much as possible) in far field for evening fires & get-togethers. Include prototype rocket mass heater that heats a bench for people to sit on, play music, etc. Include water catchment from off gazebo that routes to nearby plants & shrubs.	Grow more quality mulches; perfect composting using small livestock wastes; eliminate need for any purchases of soil, fertilizers, amendments.			E-books: uncommon fruits; garden guilds; diversified income stream ideas; gardening ideas; self-sufficiency & sustainability. Plants: propagated cuttings and seed starts of plants not commonly found in local nurseries.
Add small domestic livestock (just a few of each): Build chicken coop near greenhouse; build chicken tractor (geodesic?); duck shelter near greywater pond; rabbit dwelling near worm bins.	Examine feedback loops and re-analyze system to build on growth and changes. Check for how everything can perform more than one function and how every function is supported by multiple elements.	There are always new ways to include art, areas for retreat & play, and emphasize the beauty of this evolving landscape!	Conduct workshops on gardens for pollinators and building resiliency and self-sufficiency through diversified backyard systems.	Products: from the garden, handmade items, useful things for the homestead. Workshops on gardening for pollinators and diversified backyard ecosystems.
Year 11 - 2019: Morning sunroom; rocket mass heater; livestock feed				
Operations & Infrastructure	Plants & Gardens			
Investment: DIY 6'x8' morning solar room on east side of house. Build rocket mass heater for indoor heating & to (at least partially) replace expensive propane.	Grow small livestock feeds in addition to bee flowers, medicinal herbs, more perennial veggies, dye plants, basketry willows, coppice wood. Propagate uncommon fruits and other useful plants. Mushrooms.			
Year 12 - 2020: Workshops; assisting garden evolution				
Operations & Infrastructure	Plants & Gardens			
Kick back! Enjoy! You've worked hard!	Harvest. Manage. Observe. Interact. Work with evolving gardens for continuing succession.			