Amount Requested: $1,000,000

ESF uses researched and investigated principal attractants male Asian Long-Horned Beetles use to locate females where they are, as in Brooklyn, or where they are going. Tested in China where the beetle originates, new compounds are in combination with other female-produced compounds and tree odor compounds (synergists). Proactively baits, and then kills/neuters Asian Longhorn Beetle before breeding /egg laying by using combinations of ESF discovered, and synthesized activated female pheromones and host volatiles.