

Red oak, white oak, post oak, black oak, pin, sweet and black gum, birch, ash, beech oak, spotted oak, Chinquapin oak, burr oak, bamboo briar, red nose briar, hackberry, black hickory, big bud hickory, white hickory, persimmon, sassafras, holly, red bud, sycamore, red elm, cedar elm, cedar, pine. The sage or broom grass is native and covers most of the unused ground. It is a striking feature of the landscape and is an important dominant because of its uncompatibility as a food for stock. The area suggests a chaparral biome of the western states, being dry and coarse, regardless of the luxurious appearance. I would not at all be surprised to find it as a chaparral equivalent. Cultivated areas have been created at the expense of the stands of pine, oak and hickory and when left or abandoned revert to impenetrable briars and shrubs, but gradually changing into pine forests. Spanish moss and ground cover suggests a more southern or tropical climate. It would appear that tularemia is associated with yellow pine-oak association. At 3:30 P.M. set 157 museum traps in research area 4-12-19-47. These traps were set in the following communities.

Traps 1-25 in permanent damp grass meadows supported with spruce. Surrounding areas of pine, oak and cultivated fields.

Traps 26-30 in a barn full of hay.

Traps 31-42 similar to first group except tall willow and shrubs present.

Traps 43-47 around field haystack.

Traps 48-75 Deciduous forest of oak, hickory and yellow pine. Soils supersaturated and many fallen logs.

Traps 48-110 Damp native grass meadow with few orange trees.

Trap 111. At base of apple tree.

Trap 112-130 Damp position with dense undershrubs adjoining.

Traps 130-150 Native grass meadow, temporarily saturated with winter drainage.

Traps 150-157 Similar to above but with tall dead trees interspersed, all traps 20 feet apart. At setting of traps noted 200 robins (between traps 112-130) settling for the night at twilight. While watching these robins, a Cooper hawk struck a robin in the top of a tree but lost control after about 20 feet. The hawk