

miscellaneous materials in the area. The house was built in 5 consecutive layers, each layer a distinct combination of materials. The uppermost layer was of cow dung and placed as if for protection against rain. The other layers were dried sticks of the most available tree, osage-orange. Two ^{on the ground level and} entrances led into the house, one from the north side, one from the roof, leading down along the trunk of the tree to the ground level. Three side chambers intercepted the tunnel leading from the roof opening. One of the chambers held compact green leaves lining a central cavity. Another chamber held a store of locust seeds, and a third, the remains of partially eaten osage-orange seeds. The south facing entrance had fresh dirt piled beyond the entrance; dirt that had recently been excavated from a subterranean chamber beneath the house. Removal of the house structure revealed the nest which was placed centrally on the ground level. The nest was made of the dried bark of *Maclura*. The opening of the nest was 2 inches above the ground level and led by diverging passageways to either the roof corridor, the ground exit or the subterranean escape chamber. The escape chamber was built under a root of the tree and no doubt offered additional protection. In summary can say that

1. The house is constructed at various intervals because of the layered effect of the structure; each layer a different composition.
2. At this time of the year, subterranean chambers are being excavated, either for protection or more likely as a retreat during especially cold weather when winds blow through the stick structure and bark nest.
3. Above the nest are successive arranged platforms, each higher than the previous one, for the storage of food.
4. Three types of entrances are used; one at top of nest to permit access to upper limit of tree; a second one to permit exit on the ground floor, and a third one leading into a ground chamber.
5. Territorial limits are defined by trail systems leading from the nest. Some trails are continuous with other houses.
6. The greatest feeding activity is associated with areas of *Symphoricarpos*, adjacent to the nest.
7. Fruit of *maclura* is the principal food at this time of the year.