

RR 301
 Modoc
 Badger Wells
 1/2 mi. protected plot.

Date. Sept. 28, 1934

Examiner - A.L. Hormay
 Recorder - J.R. Bentley

Tree & Seedling Record

| Strip No. | Tree & Seedling No. | Species | Growth of terminal (in) | Height (in) | Dominance | Vigor | No. of parts on tree | No. of parts grazed | % util. | Part or parts | Plants surrounding seedling | Influenced by | Remarks |
|-----------|---------------------|---------|-------------------------|-------------|-----------|-------|----------------------|---------------------|---------|---------------|-----------------------------|---------------|--|
| 1 | 10 PP 2 28 | In | M | 23 | 0 | - | - | Slt | | | | | Tagged 1932 |
| 1 | 11 PP 1 10 | S | P | 8 | 0 | - | - | Slt | | | Adjoining PP | | " " |
| 1 | 12 PP 2 13 | S | M | 12 | 0 | - | - | Cp | | | | | Probably injured before tagging. Half of tree dead. Probably before tagging. |
| 1 | 13 PP 1 14 | S | P | 2 | 0 | - | - | Cp | | | | | 2 parts dead. Insect or natural cause. All but two parts are spurs. |
| 3 | 14 PP 3 22 | In | P | 17 | 0 | - | - | Slt | | | | | |
| 3 | 15 PP 1 8 | S | P | 8 | 0 | - | - | Slt, Cp | | | | | |
| 3 | 16 PP 1 25 | In | M | 9 | 0 | - | - | Slt, Cp, Hieracium | | | | | |
| 4 | 17 PP 1 14 | S | P | 12 | 0 | - | - | Slt, Sx | | | | | |
| 5 | 18 PP 1 21 | - | M | - | 0 | - | - | Slt | | | | | |

No 1939 or other seedlings found.

A number of trees surrounding plot are possible sources of seed, although very few cones can be seen this year.

ALH, JRB
OCT 19, 1938

| | | | | | | | | | | | | | |
|---|------------|----|---|----|---|---|---|--|--|--|--|--|---|
| 1 | 10 PP 3 37 | In | M | 27 | 0 | - | - | | | | | | |
| 1 | 11 PP 1 15 | S | P | 13 | 0 | - | - | | | | | | |
| 1 | 12 PP 2 24 | S | M | 13 | 0 | - | - | | | | | | |
| 1 | 13 PP 3 19 | S | P | 4 | 0 | - | - | | | | | | |
| 3 | 14 PP 1 25 | S | P | 14 | 0 | - | - | | | | | | |
| 3 | 15 PP 1 13 | S | P | 6 | 0 | - | - | | | | | | Forked 3" above ground |
| 3 | 16 PP 2 28 | S | P | 16 | 0 | - | - | | | | | | Terminal killed (insects?) |
| 4 | 17 PP 1 19 | S | P | 12 | 0 | - | - | | | | | | " " |
| 5 | 18 PP 1 19 | - | P | - | | | | | | | | | Terminal and lateral branches dead - 5% of plant - cause? |

No 1938 seedlings found.

RR 301

Modoc

Badger Wells

1/2 mi. grazed plot.

Date - Sept. 28, 1934

Examiner - A.L. Hormay

Recorder - J.R. Bentley

Tree & Seedling Record

| Strip No. | Seedling No. | Species | Growth of terminal | Height (in) | Dominance | Vigor | No. of parts on tree. | No. of parts grazed | % util. | Part or parts grazed | Plants surrounding seedlings | Influenced by | Remarks. |
|-----------|--------------|---------|--------------------|-------------|-----------|-------|-----------------------|---------------------|---------|----------------------|------------------------------|---------------|---|
| 1 | 1 PP | 1/2 | 7 | S | P | 3 | 0 | - | - | Sth | Pt | | Lower branches dead for 3-4 yrs. |
| 2 | 2 PP | 1/2 | 12 | S | P | 4 | 0 | - | - | Sth | Cp | | |
| 3 | 3 PP | 1 | 14 | S | P | 3 | 0 | - | - | Cp | | | 6 small spurs present Needles dying |
| 3 | 4 PP | 3/4 | 19 | S | P | 6 | 0 | - | - | Cp | | | " " |
| 3 | 5 PP | 1/2 | 13 | S | P | 3 | 0 | - | - | Cp | ACI | | " " |
| 3 | 6 PP | 1/2 | 17 | S | P | 10 | 0 | - | - | Cp | ACI | | Same needles dying Terminal dead |
| 4 | 7 PP | 1 | 20 | S | P | 15 | 0 | - | - | Cp | Sth | | No. of branches dead to Matured supp. & insects. |
| 4 | 8 PP | 1/2 | 25 | S | P | 9 | 0 | - | - | Cp | Sth | | |
| 4 | 9 PP | 3/4 | 25 | S | P | 13 | 0 | - | - | Cp | Sth | | |
| 4 | 10 PP | 1 | 13 | S | P | 3 | 0 | - | - | Cp | ACI | | 3 spurs |
| 4 | 11 PP | 3/4 | 10 | S | P | 3 | 0 | - | - | Sth | | | |
| 4 | 12 PP | 1/2 | 10 | S | P | 4 | 0 | - | - | ACI | Sth | | |
| 5 | 13 PP | 1/4 | 6 | S | P | 2 | 0 | - | - | Cp | | | |
| 5 | 14 PP | 1/4 | 7 | S | P | 4 | 0 | - | - | ACI | | | 3 spurs |
| 5 | 15 PP | 1/2 | 9 | S | P | 7 | 0 | - | - | Sth | | | " " |
| 5 | 16 PP | 1/2 | 7 | S | P | 2 | 0 | - | - | Sth | | | 2 " |
| 5 | 17 PP | 1/4 | 18 | S | P | 6 | 0 | - | - | Sth | | | 1 " Terminal dead past 3-4 yrs. |
| 5 | 18 PP | 1/4 | 11 | S | P | 2 | 0 | - | - | Sth, Cp, Cx | | | |
| 5 | 19 PP | 1 | 13 | S | P | 2 | 0 | - | - | Sth | | | |
| 5 | 20 PP | 1/2 | 20 | S | M | 12 | 0 | - | - | Cp, Cx | | | |
| 5 | 21 PP | 1/2 | 15 | S | P | 5 | 0 | - | - | Cx, Cp | | | 3 spurs |

No 1934 or other seedlings found.

Utilization 40%

Plot trampled more than grazed.

Surrounding trees young & poor cone producers, with age will increase in seed production.