

add life stage, ht, more tags; canopy cover

64 1:15 pm - 1:55

collectors: CAD & DL  
DBH July 30 2024

| JCH07         | Pinecon 1 | 41.9      | Pinecon 7 | 36.8 |
|---------------|-----------|-----------|-----------|------|
| Abilias 90    | 1.4       | A 2.05    | 8.3       |      |
| Pinecon 2     | 25.2      | A 1       | 10.0      |      |
| Abilias 3     | 6.5       | A 2       | 12.1      |      |
| Abilias       | 1.7       | A 2       | 13.9      |      |
| Abilias       | 1.5       | A 2 20-21 | 11.2      |      |
| Abilias       | 3.2       | Pinecon 6 | 42.4      |      |
| Abilias       | 3.0       | A 2 26-27 | 7.1       |      |
| Abilias       | 2.4       | A 2 28    | 20.6      |      |
| Pinecon 4     | 40.0      | A 2       | 10.1      |      |
| Abilias       | 1.4       | A 2       | 14.2      |      |
| Abilias       | 5.5       | A 2       | 14.7      |      |
| Pinecon       | 20.8      | A 2       | 15.6      |      |
| Abilias 8-9   | 1.2       | A 2       | 9.6       |      |
| Pinecon 3     | 20.6      | A 2       | 8.8       |      |
| Abilias       | 1.4       | A 2       | 9.6       |      |
| Abilias 20-21 | 2.7       | A 2       | 22.6      |      |
| Abilias 11-14 | 2.9       | Pinecon 6 | 42.5      |      |
| Abilias       | 45.2      | A 2       | 5.3       |      |

Measured from lowest slope; indicated corner the

| JCH07        | AL   | 32.3          | Abilias 20-21 | 27.5 |
|--------------|------|---------------|---------------|------|
| AL           | 12.0 | Abilias 34-35 | 35.9          |      |
| AL           | 6.1  | AL 15         | 3.2           |      |
| AL           | 20.5 | AL 20         | 42.2          |      |
| AL           | 6.9  | Pinecon 9     | 46.9          |      |
| AL           | 16.9 | AL 42         | 1.1           |      |
| AL           | 15.3 | AL 37-41      | 7.0           |      |
| AL           | 4.8  | AL            | 6.0           |      |
| Pinecon 9-10 | 26.9 | Pine          | 2.6           |      |
| AL           | 5.3  | AL            | 2.0           |      |
| AL           | 4.2  | AL            | 3.4           |      |
| AL 42-43     | 16.7 | AL            | 1.4           |      |
| AL           | 4.8  | AL 36         | 32.4          |      |
| Pinecon      | 19.3 | AL            | 2.6           |      |
| Pinecon 7    | 36.5 | AL            | 18.4          |      |
| AL 12        | 32.6 | AL            | 1.4           |      |
| Abilias 18   | 51.0 | AL            | 1.4           |      |
| AL           | 6.9  | AL            | 1.4           |      |
| AL 6-7       | 45.6 | AL            | 1.4           |      |

66 CRD+DL

July 20, 2024

ICHH03

|        |      |
|--------|------|
| AL13   | 36.0 |
| AL07   | 63.8 |
| AL01   | 2.7  |
| Phon   | 40.4 |
| AL     | 4.2  |
| AL     | 1.6  |
| Pickup | 2.8  |
| Pickup | 3.3  |
| AL     | 3.6  |
| Pickup | 2.2  |
| Pickup | 3.0  |
| AL     | 39.8 |

Things to improve

July 20

- Add 10 to light loggers
- Measure canopy coverage
- So we can detect over the years if germination is linked to peak year canopy opening
- Degradation stages of the trees
- Height
- Try this directly on trunk



July 20 JCMH Plot 7

Mao Britany

|              |      |      |
|--------------|------|------|
| Fir          | 6.4  | 6.4  |
| Fir          | 14.2 | 14.2 |
| AB1LAS55     | 29.4 | 29.4 |
| Pine         | 29.6 | 29.6 |
| AB1LAS80-82  | 7.4  | 7.4  |
| Fir          | 5.5  | 5.5  |
| Fir          | 1.9  | 1.9  |
| Fir          | 2.3  | 2.3  |
| Fir          | 2.1  | 2.1  |
| Fir          | 2.1  | 2.1  |
| Fir          | 3.3  | 3.3  |
| Fir AB1LAS73 | 11.4 | 11.4 |
| Pinean 13    | 38.3 | 38.3 |
| Fir          | 17.8 | 17.8 |
| Fir          | 21.3 | 21.3 |
| Fir          | 19.9 | 19.9 |
| Fir          | 5.1  | 5.1  |
| Fir          | 4.4  | 4.4  |
| Pinean 11    | 28.2 | 28.2 |
| Abilas 63    | 5.4  | 5.4  |
| Abilas 64-66 | 8.2  | 8.2  |
| hemlock      | 10.4 | 10.4 |
| Fir          | 7    | 7    |
| Fir          | 10.8 | 10.8 |
| Abilas 61    | 0.9  | 0.9  |

Abilas 58

hemlock Fir

|     |     |     |
|-----|-----|-----|
| Fir | 1.5 | 1.5 |
| Fir | 2.3 | 2.3 |
| Fir | 1.6 | 1.6 |
| Fir | 3.2 | 3.2 |
| Fir | 3.9 | 3.9 |

JCMH Plot 3

Mao Britany

|                        |      |      |
|------------------------|------|------|
| Fir                    | 69.6 | 69.6 |
| Fir                    | 0.9  | 0.9  |
| Fir                    | 2.6  | 2.6  |
| Fir                    | 3.5  | 3.5  |
| Fir                    | 2.5  | 2.5  |
| Fir                    | 8    | 8    |
| Fir                    | 4.5  | 4.5  |
| hemlock                | 11.7 | 11.7 |
| Fir                    | 8.4  | 8.4  |
| Fir                    | 21.8 | 21.8 |
| Fir <del>hemlock</del> | 2.1  | 2.1  |
| Fir <del>hemlock</del> | 4.1  | 4.1  |
| PICHC 01               | 4.9  | 4.9  |
| Pine                   | 14.2 | 14.2 |
|                        | 8.6  | 8.6  |

|               |      |
|---------------|------|
| Fir           | 36.6 |
| Abilias 09-10 | 18.5 |
| Abilias 11    | 29.1 |
| Fir           | 33.8 |
| Abilias 19    | 55.3 |
| PICHYB 03     | 2.9  |
| Pichyb        | 0.9  |
| PICHLYB 01-02 | 1.6  |
| hemlock       | 8.6  |
| Fir           | 9.2  |
| PICHYB 07-08  | 1    |
| PICHLYB 4-6   | 21.3 |
| Abilias 33    | 4.2  |
| Fir           | 3.2  |
| Abilias 25    | 2.7  |
| Fir           | 1.8  |
| Fir           | 3.5  |
| Fir           | 5.6  |
| Fir           | 1.1  |
| hemlock       | 8.5  |
| th Kusel 01   | 8.5  |
| Fir           | 27.9 |
| Abilias 02-03 | 32.8 |
| Abilias 08    | dead |
| PICHYB        | 1.9  |
| PICHYB        | 2.4  |

|        |      |
|--------|------|
| PICHYB | 1.2  |
| Fir    | 26.4 |
| Fir    | 42.1 |
| Fir    | 7.8  |
| Fir    | 8.6  |
| Fir    | 6.4  |
| Fir    | 8.4  |
| Fir    | 11.1 |
| Fir    | 1.6  |
| Fir    | 4.8  |

  

|           |              |              |
|-----------|--------------|--------------|
| July 21   | JCMH Plot 14 | Mac, Britany |
| Abilias 1 | 27.2         |              |
| Fir       | 10.7         |              |
| Fir       | 6.8          |              |
| Fir       | 8.1          |              |
| Fir       | 4.3          |              |
| Fir       | 5.1          |              |
| Fir       | 10.7         |              |
| Fir       | 3.4          |              |
| Fir       | 11.2         |              |
| Fir       | 2.9          |              |
| Fir       | 2.7          |              |
| Fir       | 5.9          |              |
| Fir       | 3.4          |              |
| Fir       | 3.4          |              |



|              |      |  |
|--------------|------|--|
| Fir          | 2.4  |  |
| Fir          | 3.8  |  |
| Fir          | 17.4 |  |
| Fir          | 6.6  |  |
| Fir          | 7.4  |  |
| Fir          | 6.4  |  |
| Fir          | 8.2  |  |
| Fir          | 2.7  |  |
| Fir          | 3.7  |  |
| Abilas 67-98 | 4.6  |  |
| Fir          | 4.9  |  |
| Fir          | 5.7  |  |
| Abilas 67    | 4.6  |  |
| Fir          | 1.8  |  |
| Fir          | 15.2 |  |
| Fir          | 23.5 |  |
| Fir          | 16.9 |  |
| Fir          | 14.7 |  |
| Fir          | 5.2  |  |
| Fir          | 5.6  |  |
| Fir          | 5.5  |  |
| Fir          | 6.5  |  |
| Fir          | 7.2  |  |
| Fir          | 2.5  |  |
| Fir          | 2.7  |  |
| Fir          | 2    |  |

|              |          |  |
|--------------|----------|--|
| Fir          | 2.3      |  |
| Fir          | 2.6      |  |
| Fir          | 4.4      |  |
| Pine         | 28.7     |  |
| Abilas 36-46 | 4.3      |  |
| Fir          | 14.3     |  |
| Fir          | 7.5      |  |
| Fir          | 15.2     |  |
| Fir          | 15.8     |  |
| Abilas 86-91 | 14.7     |  |
| Fir          | 5.3      |  |
| Fir          | 4.1      |  |
| Abilas 79-85 | 3.4      |  |
| Fir          | 2.4      |  |
| Fir          | 11.3 + 8 |  |
| Fir          | 12.4     |  |
| Fir          | 12.3     |  |
| Fir          | 4.5      |  |
| Abilas 97    | 12.9     |  |
| Pine         | 26       |  |
| Fir          | 7.7      |  |
| Pine         | 17.1     |  |
| Fir          | 15       |  |
| Abilas 92-95 | 1.3      |  |
| Fir          | 17.8     |  |
| Fir          | 19.2     |  |

|              |           |
|--------------|-----------|
| Fir          | 2.9       |
| Fir          | 3         |
| PICAYB 1     | 14        |
| Fir          | 6.1       |
| Fir          | 2.8       |
| Fir          | 19.5      |
| Fir          | 26        |
| Fir          | 25.9      |
| Fir          | 22.1      |
| Fir          | 22.5      |
| Fir          | 12.6      |
| Abilas 49-51 | 3.4       |
| Fir          | 4.1       |
| Fir          | 3.2       |
| Fir          | 2.2 + 1.5 |
| Abilas 7-21  | 2.2       |
| Fir          | 2.1       |
| Fir          | 2.6       |
| Fir          | 2.5       |
| Fir          | 16        |
| Fir          | 29        |
| Fir          | 3.5       |
| Fir          | 4.2       |
| Fir          | 1.6       |
| Fir          | 2         |

|                |      |
|----------------|------|
| Fir            | 2.5  |
| Abilas 135-138 | 3    |
| Fir            | 6.2  |
| Fir            | 3.4  |
| Pine           | 25.7 |
| Fir            | 2.3  |
| Fir            | 2.3  |
| Fir            | 22.2 |
| Fir            | 7.5  |
| Fir            | 4.2  |
| Fir            | 12.8 |
| Abilas 28-35   | 10.9 |
| Fir            | 13.6 |
| Fir            | 4.6  |
| Abilas 125-127 | 9.4  |
| Fir            | 2.4  |
| Fir            | 6.8  |
| Fir            | 10.9 |
| Fir            | 13.4 |
| Fir            | 19.7 |
| Fir            | 22.5 |
| Fir            | 16.8 |
| Fir            | 2.8  |
| Fir            | 5    |
| Fir            | 8.7  |
| Fir            | 2.9  |

Notes on the Fir



|               |      |
|---------------|------|
| Fir           | 10.1 |
| Fir           | 11.8 |
| Fir           | 2.2  |
| Fir           | 7.5  |
| Spruce        | 29.5 |
| Fir           | 3.1  |
| Abies 119-102 | 19.8 |
| Fir           | 21.1 |
| Fir           | 23   |
| Fir           | 15   |
| Fir           | 4.8  |
| Fir           | 7    |
| Fir           | 41.8 |