

# Trees and Shrubs *Deciduous (with pollen)*



**Directions:** Fill in the date and time in the top rows and circle the appropriate letter in the column below.

**y** (phenophase is occurring); **n** (phenophase is not occurring); **?** (not certain if the phenophase is occurring).

Do not circle anything if you did not check for the phenophase. In the adjacent blank, write in the appropriate measure of intensity or abundance for this phenophase.

**Species:** Populus tremuloides

**Common Name:** quaking aspen

**Nickname:** Quaking aspen

**Site:** Mt Lemmon summit

**Year:** 2014

**Observer:** University of Arizona Sky School

|                                 | Date:                    | Date:                    | Date:                    | Date:                    | Date:                    | Date:                    | Date:                    | Date:                    |
|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Do you see...                   | Time:                    | Time:                    | Time:                    | Time:                    | Time:                    | Time:                    | Time:                    | Time:                    |
| Breaking leaf buds              | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Leaves                          | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Increasing leaf size            | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Colored leaves                  | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Falling leaves                  | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Flowers or flower buds          | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Open flowers                    | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Pollen release                  | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Fruits                          | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Ripe fruits                     | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Recent fruit or seed drop       | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               | y n ? ____               |
| Check when data entered online: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Comments:</b>                |                          |                          |                          |                          |                          |                          |                          |                          |