**CITIZEN SCIENTIST**

How can I get involved?

**ILLINOIS CALIBRATION SPECIES, WEPPING FORSYTHIA**
*Forsythia suspensa var. sieboldii*

**NATIONAL CALIBRATION SPECIES, CHINESE LILAC**
*Syringa x chinensis ‘Red Rothomagnesis’*

Our local phenological efforts will be led by The Trust for Public Land in collaboration with Chicago Wilderness and the USA National Phenologic Network.

**ART + SCIENCE**

**PLANT**

American Serviceberry, *Amelanchier x grandi/f_lora*, our most beautiful native ornamental tree, is very temperature-sensitive. Using existing temperature data for the area, a 5 day bloom spread is expected for this planting.

**LAKE**

The 2.7 mile length and east-west orientation of The Bloomingdale creates a world-class opportunity to study our climate. The 5 day bloom spread reveals how large bodies of water effect local temperature patterns in Spring and Fall, known as the Lake Effect.

**CLIMATE**

Phenology is the ancient science of observing nature’s calendar and the cycle of biologic events. There has been a resurgence of interest in phenology as it is the best way to understand micro-climate. Additional species that grow throughout the USA and Illinois provide comparative data for the American Serviceberry, helping us understand our local, national, and global climate over long periods of time.

**ENVIRONMENTAL SENTINEL**

**A CLIMATE MONITORING ARTWORK**

Use the beauty of a flowering “phenologic” spectacle to visualize and monitor our relationship to Lake Michigan.

**WHY DOES THE SERVICEBERRY REVEAL THE LAKE EFFECT?**

**WHY IS THE BLOOMINGDALE IMPORTANT FOR CHICAGO?**

The 2.7 mile length and east-west orientation of The Bloomingdale creates a world-class opportunity to study our climate. The 5 day bloom spread reveals how large bodies of water effect local temperature patterns in Spring and Fall, known as the Lake Effect.

**WHAT IS PHENOLOGY AND HOW DOES IT MONITOR THE CLIMATE?**

**HOW CAN I GET INVOLVED?**

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The Trust for Public Land is The 606 project manager, in partnership with the Chicago Park District and City of Chicago.