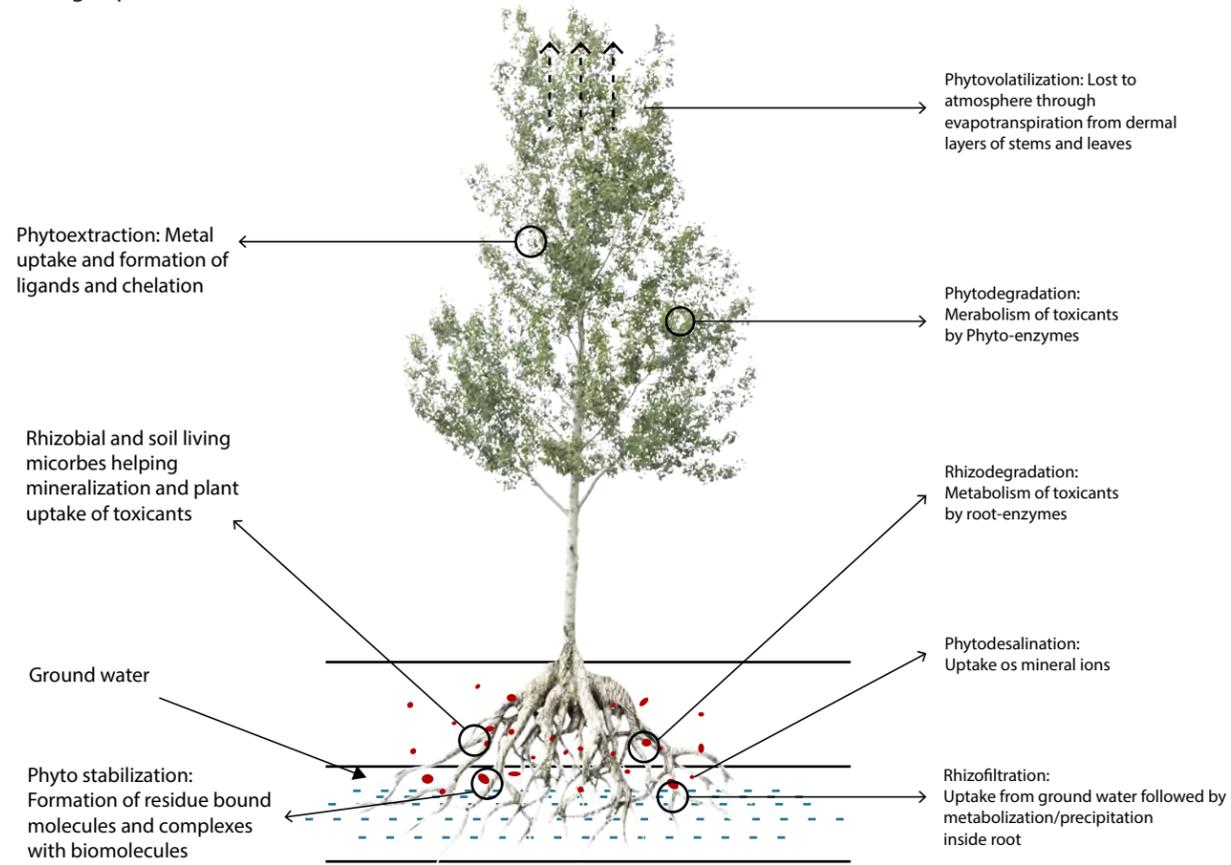


OAA Landscape Design Competition
THE ONCE AND FUTURE FOREST
The Once and Future Forest- A Guide To Forest Restoration Strategies

PHYTOREMEDIATION

Trembling Aspen



The OAA Headquarters in Toronto, Canada, is intertwined with the city's ravine system, creating a significant biocultural site. The term 'ecosystem' was used for the first time since the inception of COP in 2023, emphasizing the urgent need for restoration of the degraded forest and aquatic ecosystems.

Urban Ecology

Our team applied an urban ecology systems approach to redesign the OAA site, fostering a sustainable landscape in effort to carry out COP's manmade and the Toronto ravine strategy.

We used the following biological systems,

Ecological Succession

This natural process evolves over a century, transforming a meadow into a deciduous climax forest, creating a self-sustaining ecosystem.

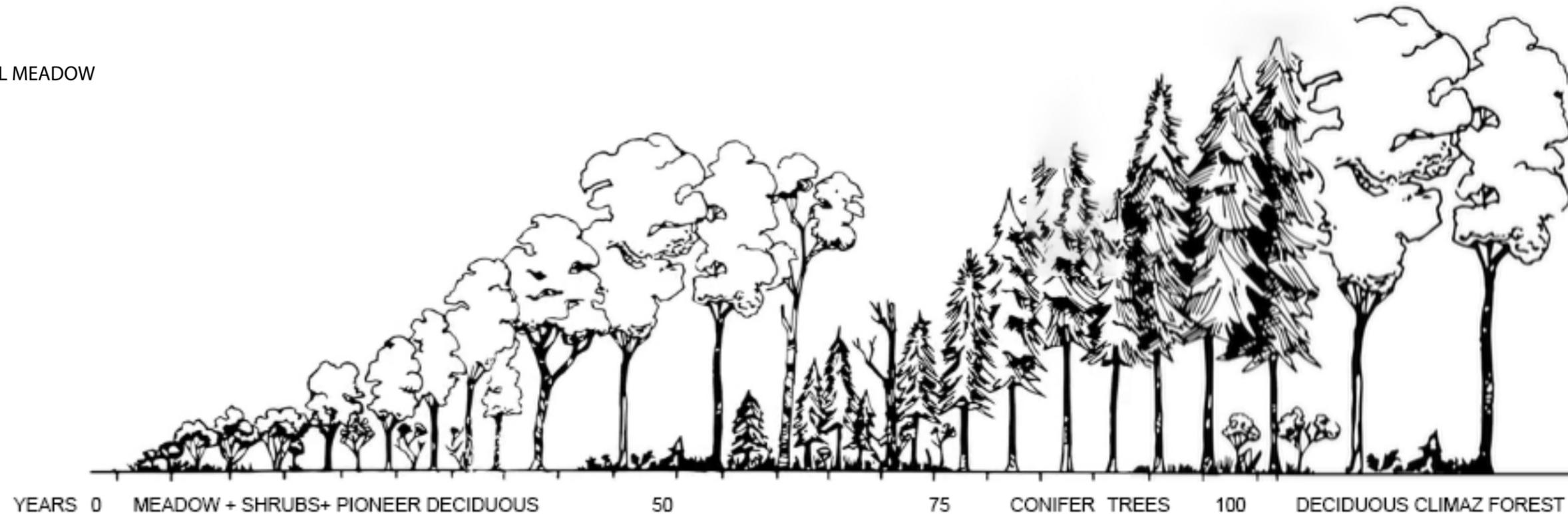
The Sponge

The entire site functions as a sponge, managing rainfall on-site and reducing flooding by preventing run-off into engineered stormwater systems. This method collects water where it lands, minimizing pollutant pickup and protecting aquatic ecosystems.

Phytoremediation

Plants are used to remediate contaminated environments, effectively cleaning up metals, pesticides, explosives, and oil.

SUCCESSIONAL MEADOW



TEAM HEMLOCK



Relaxing in the meadow



ONTARIO ASSOCIATION
OF ARCHITECTS

111 Mootfield Drive

OAA Council Meeting



Bayview Glen Students on a nature walk