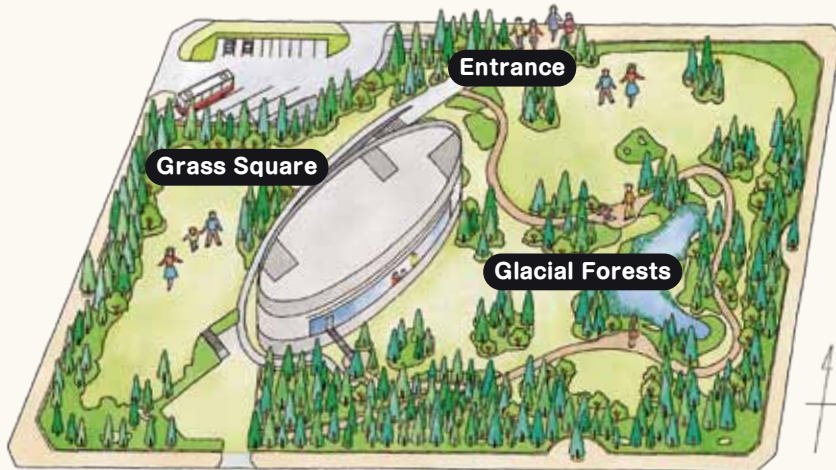




## About Tomizawa Glacial Forest

**T**he forest landscape of Tomizawa during the Paleolithic age (about 20,000 years ago) is reconstructed at the east side of the museum building as the Tomizawa Glacial Forest. The topographical plan and selection of trees, shrubs and herbs planted were made to revive the original landscape as faithfully as possible through archeological and palaeobotanical examination. The pond and marshland were constructed to circulate fresh water, and a total of 90 species of trees, shrubs and herbs were planted to form the open forest, shrubland, grassland, marshes and lawns. The aim of this restoration is to make viewers experience the mood of the glacial Tomizawa forest. We hope you enjoy and see the differences between the vegetation in the Ice Age and that of present day in Sendai.

**A**bout 20,000 years ago the annual average temperature of the Sendai area was 7-8°C cooler than today which allowed the subarctic coniferous forest to dominate here. Swampy forests were spread around the Tomizawa site and mainly consisted of coniferous trees like spruce and larch which sometimes mixed with deciduous birch or alder. For Paleolithic hunters, the presence of some game such as deer offered excellent hunting opportunities.



### Sendai Cultural Foundation Tomizawa Site Museum

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# Plants in the Glacial Forests.

Let's go  
into the grass,  
and observe!



Kurile larch



Sakhalin spruce



Korean pine



## Tomizawa Site Museum

# Trees



Sakhalin spruce (Evergreens)



Kurile larch (Summergreens)



Korean pine (Evergreens)

Yellow autumn leaves  
(around November)

# Herbs, grasses



Skunk cabbage



Marsh marigold



White deadnettle



Purple marshlocks



Pygmy waterlily



*Gentiana triflora* var. *japonica*

# Shrubs



Panicled hydrangea



Siberian mountain ash



*Spiraea betulifolia* var. *aemiliana*

# Plants

## Trees

- Kurile larch
- Korean pine
- Sakhalin fir
- Sakhalin spruce
- Japanese alder, *Alnus hirsuta*, *A. inokumae*
- White birch
- Gold birch
- Japanese mountain ash

## Shrubs

- Gale
- Green alder
- Bog bilberry
- Panicled hydrangea
- *Spiraea betulifolia* var. *aemiliana*
- Siberian mountain ash
- Labrador tea
- Japanese azalea
- *Rhododendron brachycarpum*
- *Lonicera chamosoi*
- Bog rosemary
- Cowberry

## Herbs, grasses & fern

- Alpine leek
- *Iris setosa*
- Skunk cabbage
- Common cattail
- Purple marshlocks
- Marsh marigold
- *Thalictrum minus* var. *hypoleucum*
- *Coptis japonica* var. *major*
- Japanese spatterdock
- Pygmy waterlily
- Bladderwort
- Grass of parnassus
- *Gentiana triflora* var. *japonica*
- Bogbean
- Jacob's ladder
- White deadnettle
- False lily-of-the-Valley
- *Lobelia sessilifolia*
- Goldenrod
- Cinnamon fern
- Aleutian ragwort
- *Sanguisorba tenuifolia*



Japanese tree frog



Common yellow swallowtail

# Living creatures



Large brown cicada



White-legged damselfly

# F lower calendar

	Apr.	May	June	July	Aug.	Sep.	Oct.
Marsh marigold							
Bogbean							
White deadnettle							
Siberian mountain ash							
Japanese azalea							
Jacob's ladder							
<i>Spiraea betulifolia</i> var. <i>aemiliana</i>							
<i>Iris setosa</i>							
Japanese iris							
Japanese water iris							
Japanese spatterdock							
<i>Nuphar pumila</i> var. <i>ozeensis</i>							
<i>Rhododendron brachycarpum</i>							
Pygmy waterlily							
Goldenrod							
Aleutian ragwort							
<i>Sanguisorba tenuifolia</i>							
<i>Gentiana triflora</i> var. <i>japonica</i>							