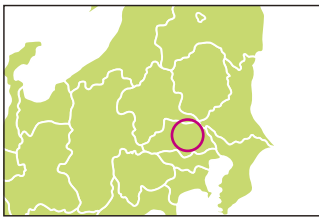


Primary Sponsor:
Saitama Prefecture

Lowland Forest Restoration



Designation:

None

Location:

Kawagoe; Tokorozawa;
Sayama; and Miyoshi, Saitama
Prefecture

Year Initiated: 2002

Kunugiyama Area Nature Restoration Committee (as of March 2009)

The Committee aims at leaving the historical, cultural and environmental values of a Musashino lowland forest, 'Kunugiyama Area', which encompasses the municipalities of Kawagoe, Tokorozawa, Sayama and Miyoshi, to the future ages.
Date Established: 6 Nov. 2004
Members: 66
Date Issued the Overall Plan: 12 Mar. 2005
Date Issued the Implementation Plan: In preparation

Kunugiyama

Goal

Restore the historical lowland forest that had been nurtured in association with human activities in Musashino before the high economic growth period



The Kunugiyama Forest, within a 30-km range of Tokyo, is a large green space that retains a scenic 'sato-yama' (community-managed forests) landscape of the historical Musashino region. However, the problems are degrading forest management and environment, such as declined agricultural use, urban sprawl, and too many waste facilities. Efforts to restore secondary forests are underway to pass along the historical, cultural and environmental values of the Musashino lowland forests to the future ages.

Approaches

- ▶ Demolish a waste treatment facility
- ▶ Restore forest vegetation by transplanting seedlings and root stocks
- ▶ Rehabilitate degraded coppice woodlands



Removed the waste treatment facility and implemented seedling planting after three years

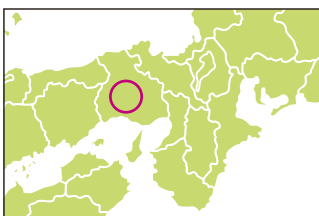


A model project for coppice forest restoration



Primary Sponsor:
Hyogo Prefecture

Riparian Ecosystem Recovery



Designation:

None

Location: Ono; Kasai; and Kato,
Hyogo Prefecture

Year Initiated: 2004

Study Group for Harima Irrigation Ponds Preservation and Restoration Implementation Planning (as of March 2009)

The Group aims at preservation and restoration of viable pond habitats that nurture Bekkotonbo dragonfly and attract a variety of creatures.

Harima Irrigation Ponds

Goal

Preserve and restore viable pond habitats for the Bekkotonbo dragonfly and a variety of creature.



A lotus bed

Prescribed burning of densely grown reed beds

The Harima Irrigation Ponds harbors rare and rich biological communities, including the Bekkotonbo (*Libellula Angelina*) with an extremely limited distribution across Japan. However, the pond ecosystem has been diminished because of decrease of irrigation ponds, reduced water quality, invasion of alien species, and a change in the pond management. To resolve these issues, restoration efforts are in progress toward the preservation and recovery of viable pond habitats for the Bekkotonbo and diverse organisms.

Approaches

- ▶ Rehabilitate emergent species vegetation by removing lotus and reducing dense reed covers
- ▶ Control water levels – dewatering the ponds in winter to extirpate nutrias and black bass and to improve water quality
- ▶ Install box traps to extirpate nutria



Bekkotonbo dragonfly



Extirpating nutrias using box traps

Related Web Sites

Kunugiyama Nature Restoration Project: <http://www.pref.saitama.lg.jp/A09/BD00/kunugiyama/index.html>

Kunugiyama Area Nature Restoration Committee: <http://www.pref.saitama.lg.jp/A09/BD00/kunugiyama/kyougikai/index.html>