



Autotrophic Indigenous Botanical Garden in Tao Community in Taiwan

TUNG Gene-Sheng*, CHEN Ke-Ting,
CHAO Chih-Liang, LU Dau-Jye

***Botanical Garden Division,
Taiwan Forestry Research Institute, Taiwan**

Pongso No Tao

X

Orchid Island



A Hot Spot of Culture + Biodiversity

中國 China

台灣
Taiwan

Neo-Wallace's
Line

蘭嶼
Orchid Island

菲律賓巴丹群島
Batanes, Philippines

Itbayat

Batan

Sabtang



The Vanishing Beauty

Under high pressures and strong influence of politics, economy, Han-culture, and tourists in Taiwan Island, *Traditional Ecological Knowledge (TEK), native plants, youths, elders* have been losing on site.



The Vanishing Beauty

Under high pressures and strong influence of politics, economy, Han-culture, and tourists in Taiwan Island, *Traditional Ecological Knowledge (TEK), native plants, youths, elders* have been losing on site.





Indigenous People X Botanical Garden

Three Main Objectives of BGCI

1. Sustaining endemic plants and their habitats
2. Connecting people with the nature
3. Finding natural solutions for sustainable livelihoods and human well-being



An ongoing example:

The conservation field for taro varieties in Yuren Village

- “**Taro Field Revival Project**” is funded by the compensation scheme of nuclear waste from Taipower Co.
- A **crop bank**
- To display Tao cultural to tourists



More needed...

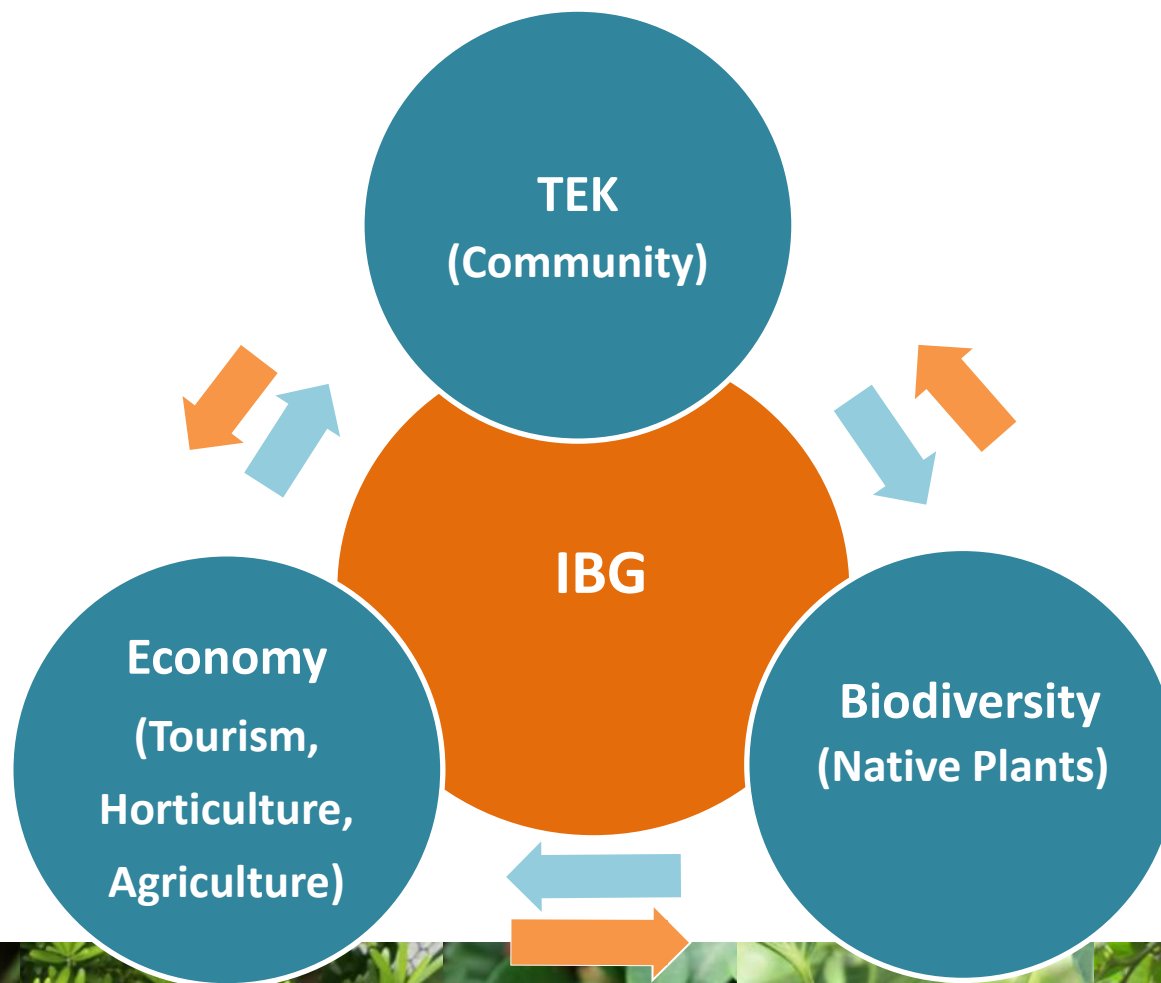
- More ethnobotanical resources should be included and extended
- More possibilities of display styles
- Be as a living culture exhibition with TEK management
- Complete itself-run cycle



Indigenous Botanical Garden (IBG), A Hope for Community Development

- *Conserving local plants + Acting TEK*
- *Sustainable usage of environment by TEK*
- *Promote community development*
 - Increasing community income
 - Enhancing the attraction for tourists





Challenges of IBG

- The relationships between community and government:

opposite -> cooperative

- *Manage by TEK*
- About *livelihoods, collective rights and responsibilities, self determination and identity*

Ayoy!

