

Man and Biosphere Programme Thailand: Country Report 2016-2017



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Outline

1. Overview
2. National MAB Committee's activities
3. Ranong BR 's activities
4. Sakaerat BR 's activities
5. Huay Tak Teak BR 's activities
6. Mae Sa – Kog Ma BR 's activities



MAB site in Thailand



Thailand has registered 4 BR with UNESCO:

- Sakaerat BR (1976)
- Mae Sa—Kog Ma BR (1977)
- Huay Tak Teak BR (1977)
- Ranong BR (1987)

Responsible agencies:

Department of National Parks, Wildlife and Plant Conservation:

- Mae Sa—Kog Ma BR
- Huay Tak Teak BR

Science and Technology Research Institute:

- Sakaerat BR

Department of Marine and Coastal Resources:

- Ranong BR





Activities of MAB National Committee

1. Prepare to Propose one new biosphere reserve
2. Developing National MAB Strategy 2018 - 2022
3. BR's Brand development





New BR Nomination Progress



- Thai MAB National Committee had the first meeting in 2016, and decided to propose one BR site selected from 19 potential areas for the new BRs.



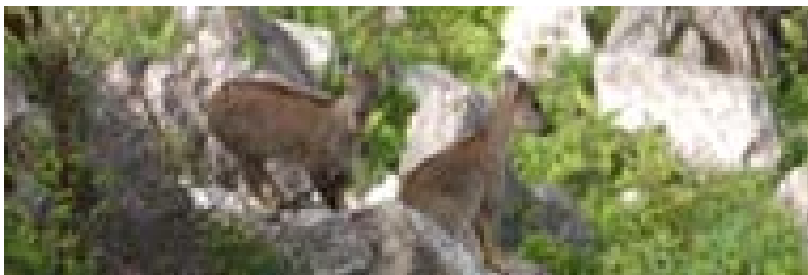
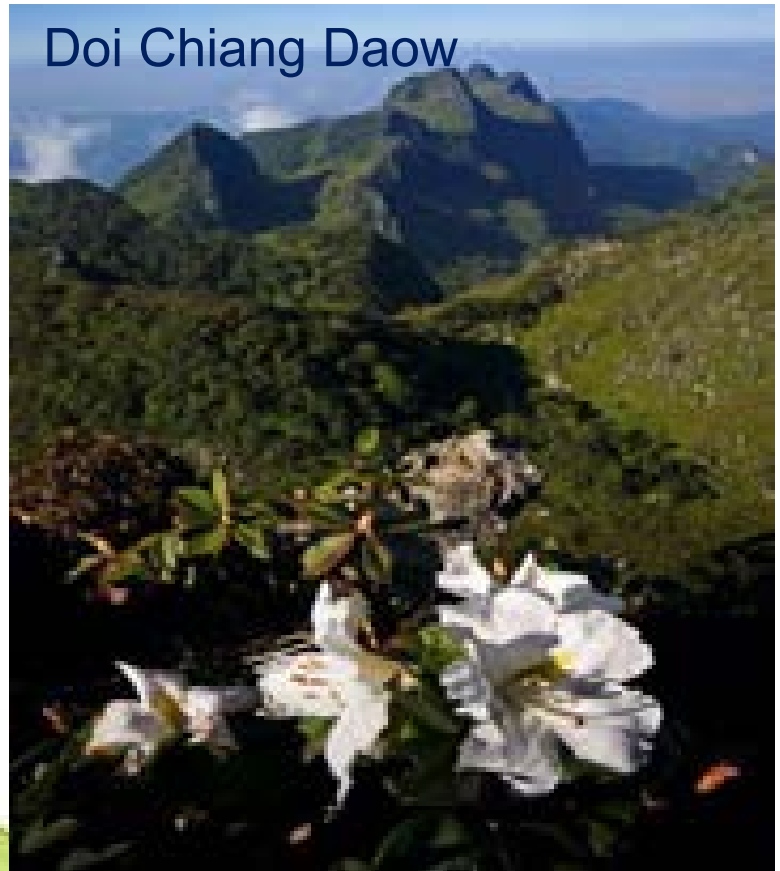
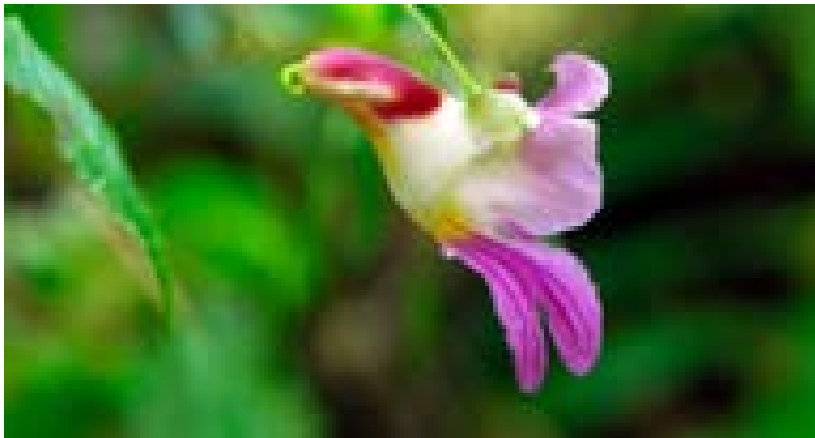
- First Draft of new BRs forms have initially reviewed in Thai by DNP.



- After that the documents will be prepared in English, and submit to Thai MAB National Committee, UNESCO Thai Commission, and the Cabinet for final approve.



The selected sites for new BR nomination





2nd Drafting of National MAB Strategy 2018 - 2022



- As adoption of MAB Strategy and Lima Action Plan, Thailand has strong intention to implement Strategy and LAP for promoting sustainable use of natural resources in local level as well as being a part of global achievement of MAB and SDGs.
- A task force is designated to draft the National MAB Strategy 2016 – 2025 which tuned to suit the situation of BR in Thailand and respond to LAP at the same time.



Main objective of National MAB Strategy 2018 – 2022 (2nd Draft)



- Developing effectiveness of BR administration to implement sustainable development.



- Strengthening and expanding cooperation among BRs and related networks to meet the goals of MAB.



- Creating funding sustainability by making partnership and cooperation with stakeholders and funding support organizations.



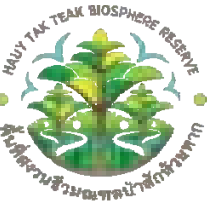
Main objective of National MAB Strategy 2018 – 2022 (2nd Draft) (Cont.)



- Applying proper communication and information sharing technology for Thailand MAB.



- Developing effective implementation and monitoring system for MAB and BRs



- Encouraging and supporting researchers to conduct the empirical research projects to meet country's needs.



BR Brand development

- Along with global brand of BR and UNESCO MAB's trustworthy badge, local branding is considered to be developed to be a channel for BR recognition and communication.
- In 2016, Ranong BR, Mae Sa Kog Ma BR and Hauy Tak Teak BR announced their logo from competitions opened nationwide.



Activities in Ranong biosphere reserve



Photo: Somsak Soonthornawaphat

In 2016, 80 Ha. of Mangrove forest was rehabilitated in Ranong BR, by participation of 10 organizations, e.g. Oisca Thailand, military units, schools, local authority and local groups for natural conservation in Ranong Province.





Activities in Ranong biosphere reserve (cont.)



Department of Marine and Coastal Resources (DMCR) supports the construction of 850 meters boardwalk with interpretation sign around mangrove education centre.



In 2016, there are approximately 10,000 visitors were interested in Mangrove ecology and conservation and choose Ranong





Activities in Ranong biosphere reserve (cont.)

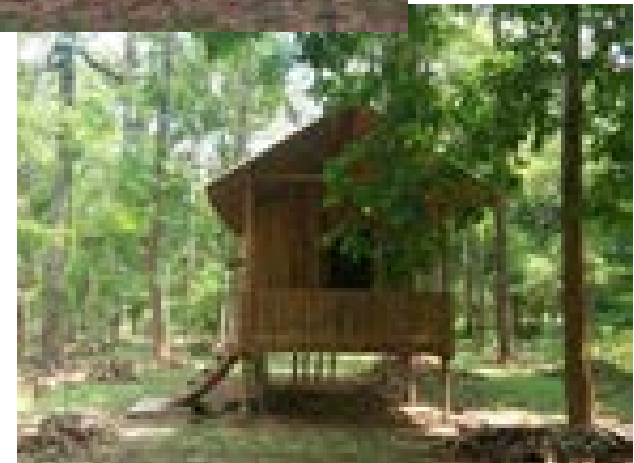
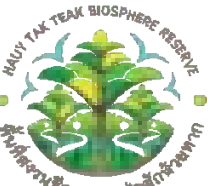


Nong Yang Yuen: Ranong BR's Mascot from open competition for designing BR's logo and mascot.





Activities in Hauy Tak teak biosphere reserve **Sustainable management of bamboo**



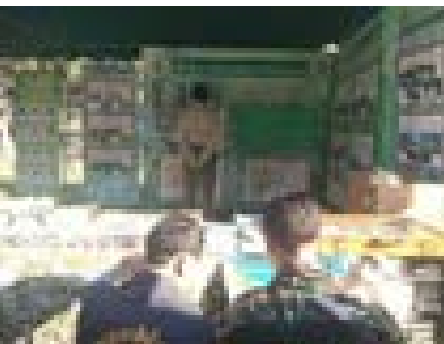
Activities in Hauy Tak teak biosphere reserve (cont.)



Visitors from Asia-pacific Network to study Sustainable Management and Rehabilitation



**Public
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raising**



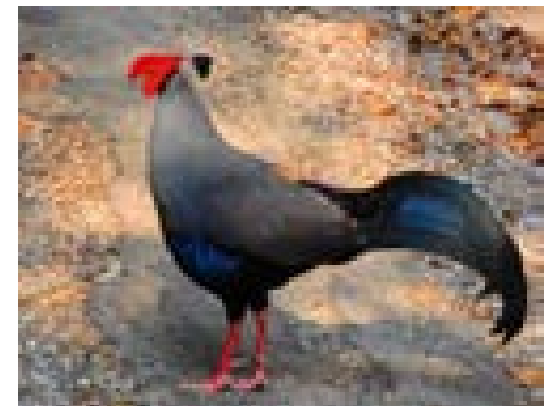


Activities in Sakaerat biosphere reserve

Youth science camp



**10,000
students
attend the
camps in
2016**

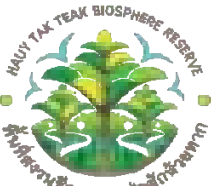




Activities in Sakaerat biosphere reserve

Research

45 research projects are being conducted in 2016 in cliding biodiversity and climate change





Activities in Sakaerat biosphere reserve

Public relation and awareness





Activities in Sakaerat biosphere reserve

Training



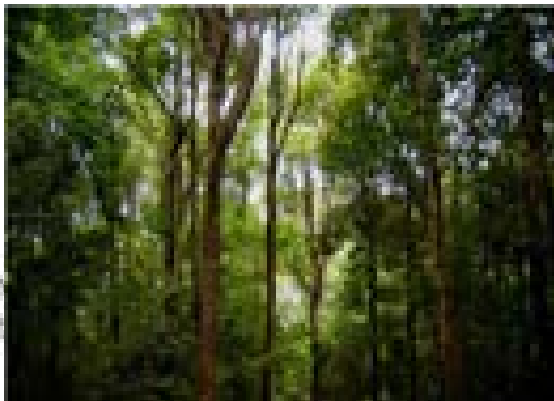
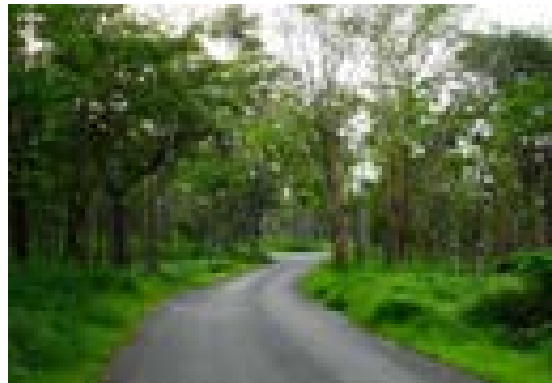
Providing local security guards how to deal with deadly venomous snakes, e.g, king cobra, cobras, kraits, vipers



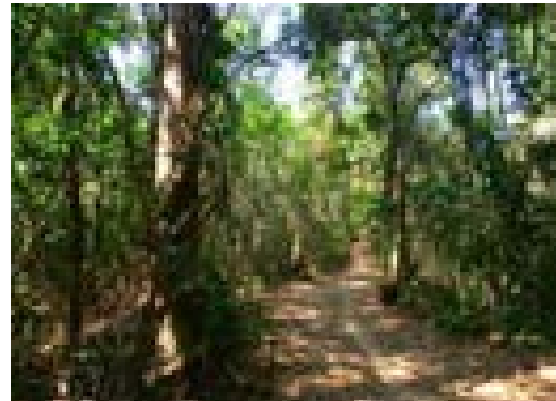


Activities in Sakaerat biosphere reserve

Forest Protection



Strongly protect 8000 ha of forest area, no deforestation since designated in 1976

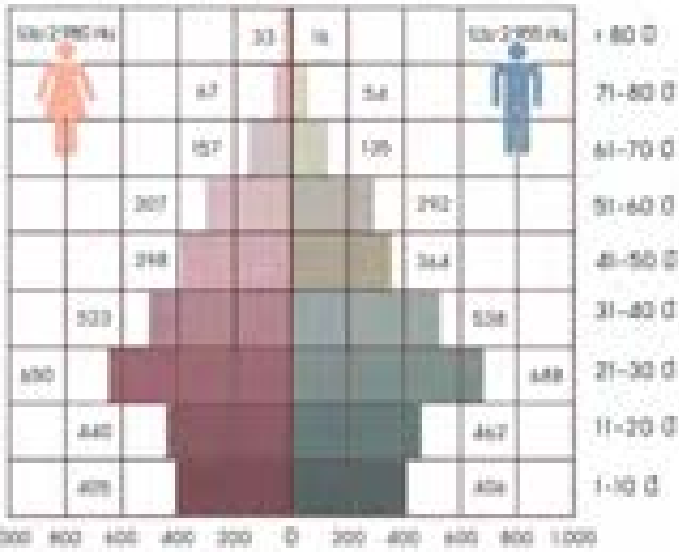




Activities in Mae Sa – Kog Ma biosphere reserve

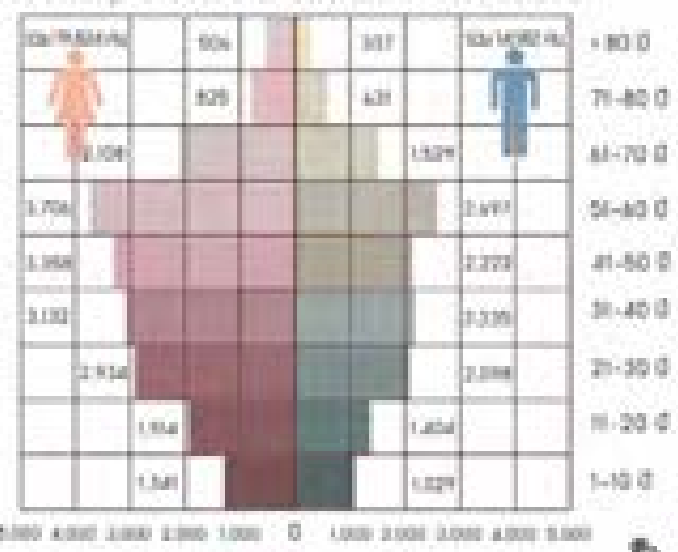


จำนวนประชากรผู้พลัดถิ่นตามวัย-เพศ 1 ตำบล

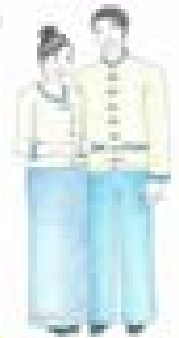
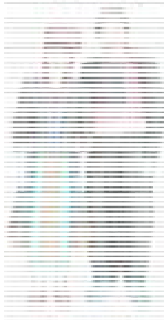


Hill Tribe

จำนวนประชากรผู้พลัดถิ่นตามวัย-เพศ 1 ตำบล

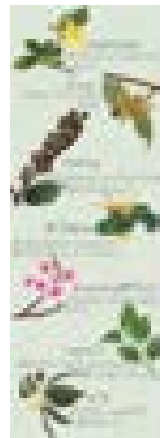


Northern Thai



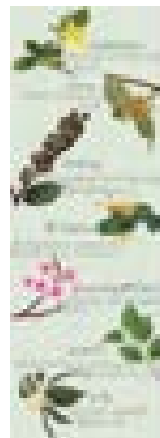


Activities in Mae Sa – Kog Ma biosphere reserve

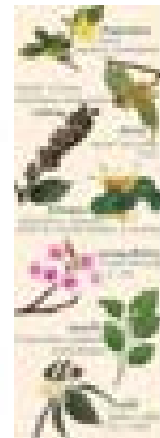


ชื่อไทย

ชื่อวิทยาศาสตร์ : *Litsea cordata* Merr.
ชื่อวงศ์ : *Flacourtiaceae*
ชื่อสามัญ : ...



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การใช้ประโยชน์ : ...



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การใช้ประโยชน์ : ...



Green school network





Activities in Mae Sa – Kog Ma biosphere reserve



Workshop on the role of gender in natural conservation





Activities in Mae Sa – Kog Ma biosphere reserve



Training of the officer to create MAB network in watershed areas





Activities in Mae Sa – Kog Ma biosphere reserve



Edutainment
in biosphere
reserve



Activities in Mae Sa – Kog Ma biosphere reserve



Training course on Micropropagation Technique of Blue Vanda Orchid Community-based Conservation Project.

Organized by 1) Pong Krai Blue Vanda Tissue Culture Community Enterprise
2) Mae Sa – Kog Ma Biosphere Reserve Office

8 days
1,250 US/person



វិធីសាស្ត្រវិនិយោគ
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Why Tissue Culture?
 Many plants species including wild orchids are in threatened due to illegal trading. Tissue culture make it possible to produce a large number of plants in a short time compare to the traditional methods like sowing, cuttings or budding.



ស្ត្រី និង តួនាទី ក្នុង ការ ផ្ទេរ បច្ចេកវិទ្យា
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Women and the role in transferring technology
 Tissue culture techniques require meticulous work in every steps and laboratory cleanliness is very serious matter. Thus women in the group play important role to achieving the results and transfer technology to people who are interested.



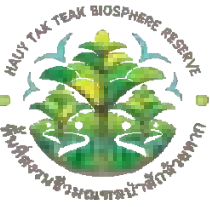
Activities in Mae Sa – Kog Ma biosphere reserve



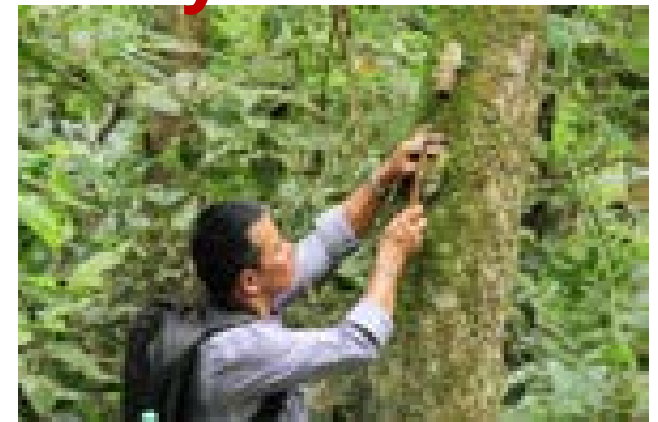
Training at Queen Sirikit Botanical Garden Laboratory



Activities in Mae Sa – Kog Ma biosphere reserve



Training at community Laboratory



11th SeaBRnet @Chiang Mai, Thailand



All pictures by Doi Suthep – Pui National park

