





## WHAT ARE HORNBILLS?

We have 10 species of hornbills in Malaysia! Big, beautiful, colorful birds that need tree hollows to nest in. They do not create these hollows and rely solely on naturally formed hollows. Once a pair find a suitable hollow, the pair return to the same tree to nest in, year after year.



## WHAT'S THE PROBLEM?

Timber demands have led to shortage of nesting and feeding sites for hornbills. Certain species are also being hunted for its parts and the pet trade. We have hornbill species that are now critically endangered and listed on IUCN redlist.

SANJITPAAL SINGH / JITSPICS.COM®

#### WHY ARE THEY IMPORTANT?

- Nature's Gardeners
  - These large bodied birds can consume large fruits. They regurgitate seeds when they fly, spreading seeds in the forest which helps the forest regenerate. Forests gives us fresh air and clean water. This is vital to stabilize earth temperatures by absorbing carbon dioxide, preventing global warming.
- Country Pride National bird of Malaysia
- Ecotourism revenue
- Beautiful to watch

#### WHO WE ARE?

Gaia is a Malaysian social enterprise set up in 2015 by Ravinder Kaur (PhD candidate at University Malaya in the field of Ecology) and <u>Sanjitpaal Singh</u> (International award winning photographer). Gaia is dedicated to increasing scientific knowledge, implementing conservation actions and creating awareness on wildlife in Malaysia. Currently the team is focused on hornbill conservation in the Kinabatangan, Borneo. Since its establishment, the research team have been searching for natural nesting sites of hornbills, monitoring and protecting active nests and developing appropriate nest box designs.

Gaia partners with HUTAN, a French Non-Governmental Organization, led by Dr. Isabelle Lackman, and Dr. Marc Ancrenaz. They established the "Kinabatangan Orang-utan Conservation Program" – KOCP - in 1998 with the Sabah Wildlife Department (SWD). KOCP is a grassroot initiative that aims at empowering local people in the management and protection of their natural resources.

choenix200 🔮 👔 Conservation, Food & Health Foundation Rufford

🔇 HUTAN

### HOW CAN YOU HELP?

• Nest adoption – provide monetary benefits to local communities to guard natural nests from poachers. Alleviate poverty.

• Nest hollow restorations – tree hollows can be enhanced or repaired if they were damaged through natural events such as hollow entrance narrowing making it nesting suitable.

SANJITPAAL SINGH / JITSPICS.COM®

• Build and set up artificial nest boxes – provide nesting opportunities for hornbills.

• Reforestation – conduct field research on what hornbills consume and replant to propagate those trees in the forest.

# **WHY WORK WITH US?** Team of experts in Science and Arts.

https://www.birdlife.org/worldwide/news/worldfirst-rhinoceros-hornbills-give-artificial-nest-box-sealapproval

http://www.conservationleadershipprogramme.org/ news/hornbills-find-home/

Call us for a private presentation to know more about the project and its objectives, goals and activities.

Contact: Ms. Ravinder Kaur Director, Gaia (BSc Conservation Biology, MSc Ecology) info@xploregaia.com

