



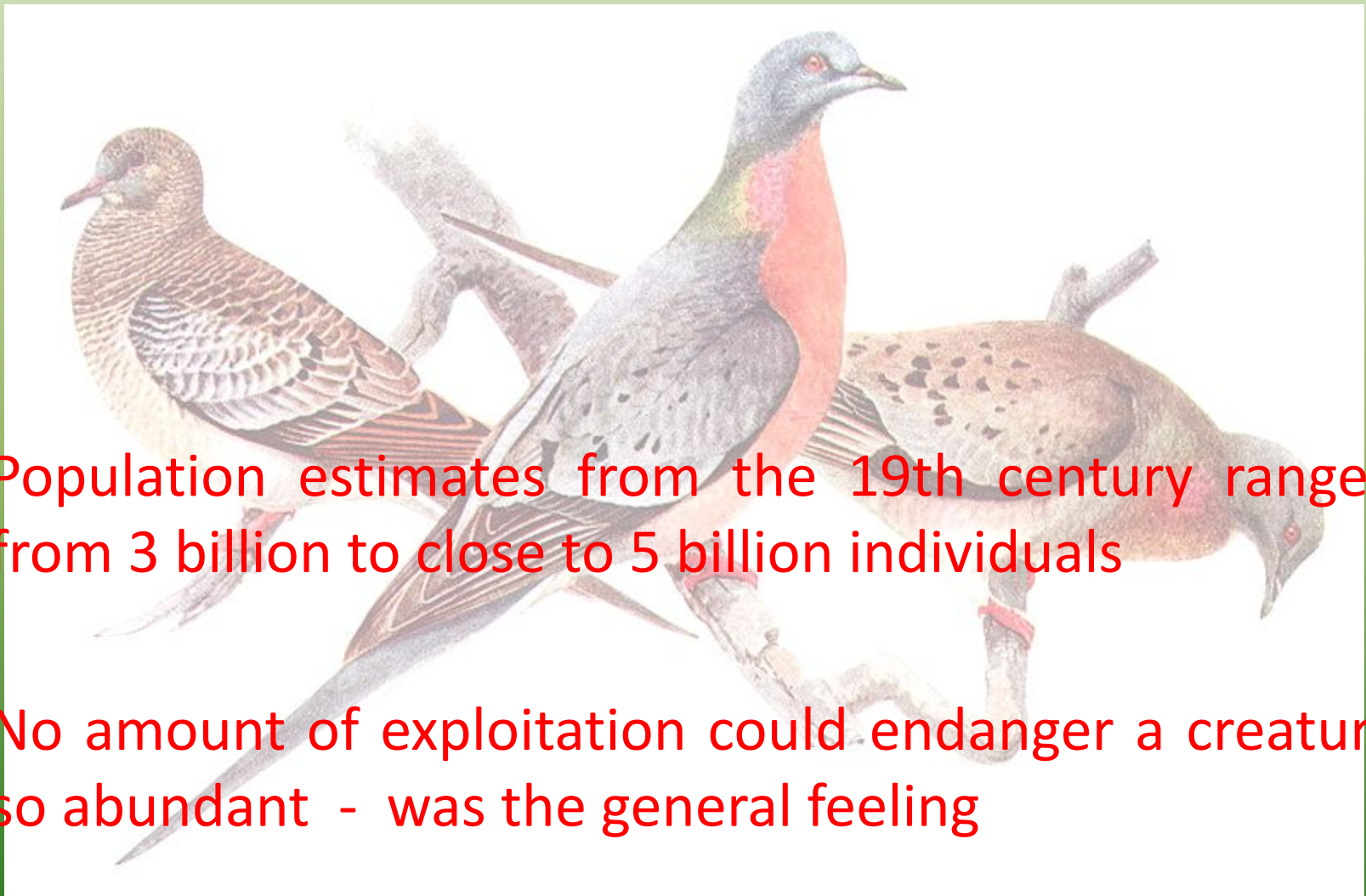
**Presentation on**  
***“Conservation for the people and  
by the people”***  
**- AMUR FALCON CASE STUDY**

By  
Hemant, AIGF  
NTCA, Nagpur

Representing  
Department of Forest,  
Ecology, Environment and  
Wildlife  
GOVERNMENT OF NAGALAND

# Passenger Pigeon *Ectopistes migratorius*



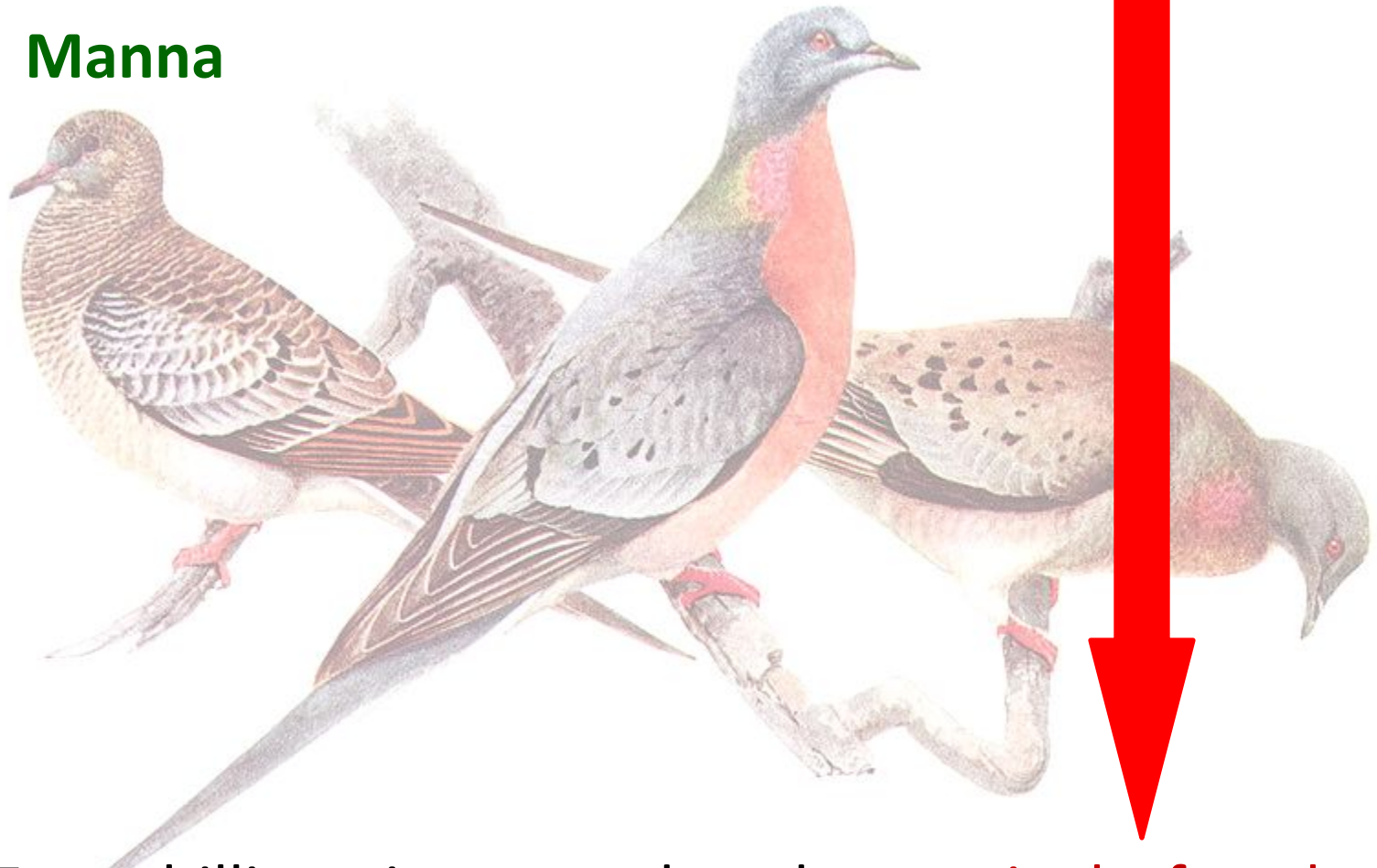


- Population estimates from the 19th century ranged from 3 billion to close to 5 billion individuals
- No amount of exploitation could endanger a creature so abundant - was the general feeling



5,000,000,000

## Manna



- From billions it was reduced to a **single female** the last of its kind that died in 1914 at the Cincinnati zoo

- Around 100 years later
- A similar sized bird was being harvested in large numbers in a remote corner of India
- About 120,000 to 140,000 of the birds were estimated to have been hunted by local people every year during their annual migration

**Industrial scale hunting**



**Shocking massacre of tens of thousands of migratory Amur Falcons**

**NATIONAL GEOGRAPHIC**



### Migrating Amur Falcons Massacred in India: We Need A Global Solution

Posted by **Steve Boyes** of National Geographic Expeditions on November 3, 2012

# hindustantimes

e-paper 30°C New Delhi, India Follow us:

## MoEF sounded on Amur falcon massacre in Nagaland

The Bombay Natural History Society (BNHS) and an NGO named Conservation India has sought environment and forest minister Jayanthi Natarajan's intervention in the large-scale killing of migratory Amur falcons in Nagaland.

INDIA Updated: Nov 05, 2012 20:23 IST

**Rahul Karmakar**  
Hindustan Times



## change.org

Start a petition Browse

Petitioning Minister for Environment and Forests, Government of India. Smt. Jayanthi Natarajan

### Please Stop Amur Falcon Massacre in Nagaland, India.

**Shocking Amur Falcon Massacre in Nagaland**





**School fees  
Tokhu Emong  
Christmas**



# The Amur Falcon (*Falco amurensis*)

– Amurland

– Pigeon sized

– Mostly insectivorous





**Preferred food in stopover site Nagaland - Termites**

09.11.2014

# MALE Vs FEMALE

## I am here

- I am dark brown to black with red vent.
- I weigh 97-155g .



## And that one is her 😊

- My wife has head pattern typical of falcon and bars on the belly.
- She weighs 111-188g



Oh my  
god...  
She is  
heavier  
than me  
;)

**Rest information about Amurs from**

**Sir David Attenborough**

# Location, forest and demography

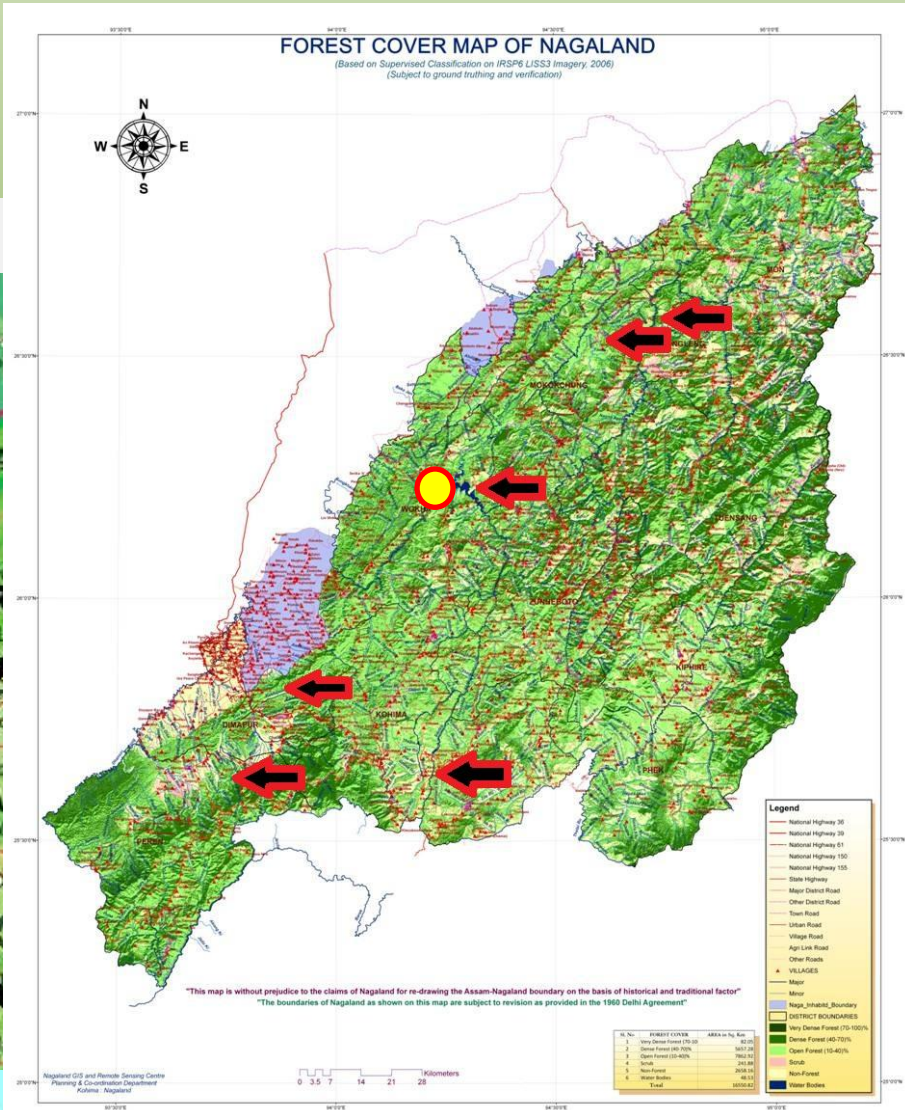
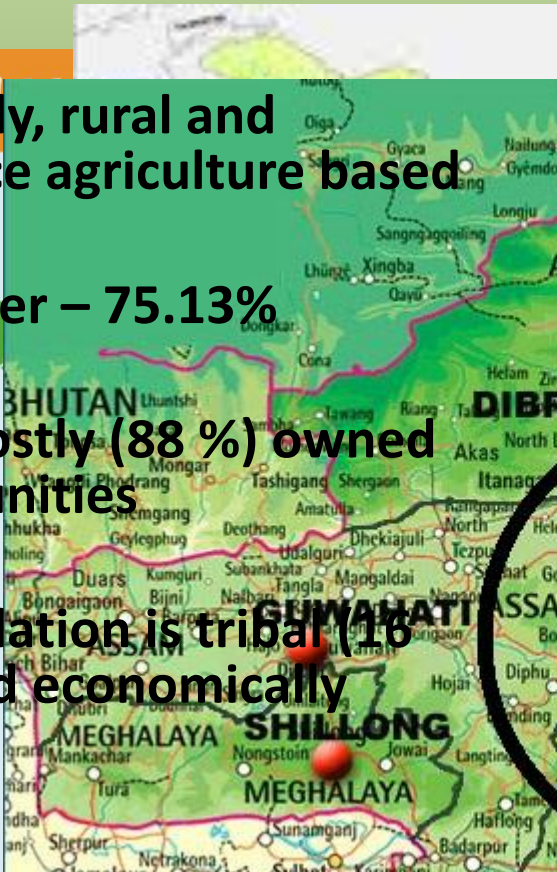
- Geographical area of 16,579 sq. Km.

- Mostly hilly, rural and subsistence agriculture based

- Forest cover – 75.13%

- Land is mostly (88 %) owned by communities

- 90% population is tribal (16 major) and economically backward



# Roosting

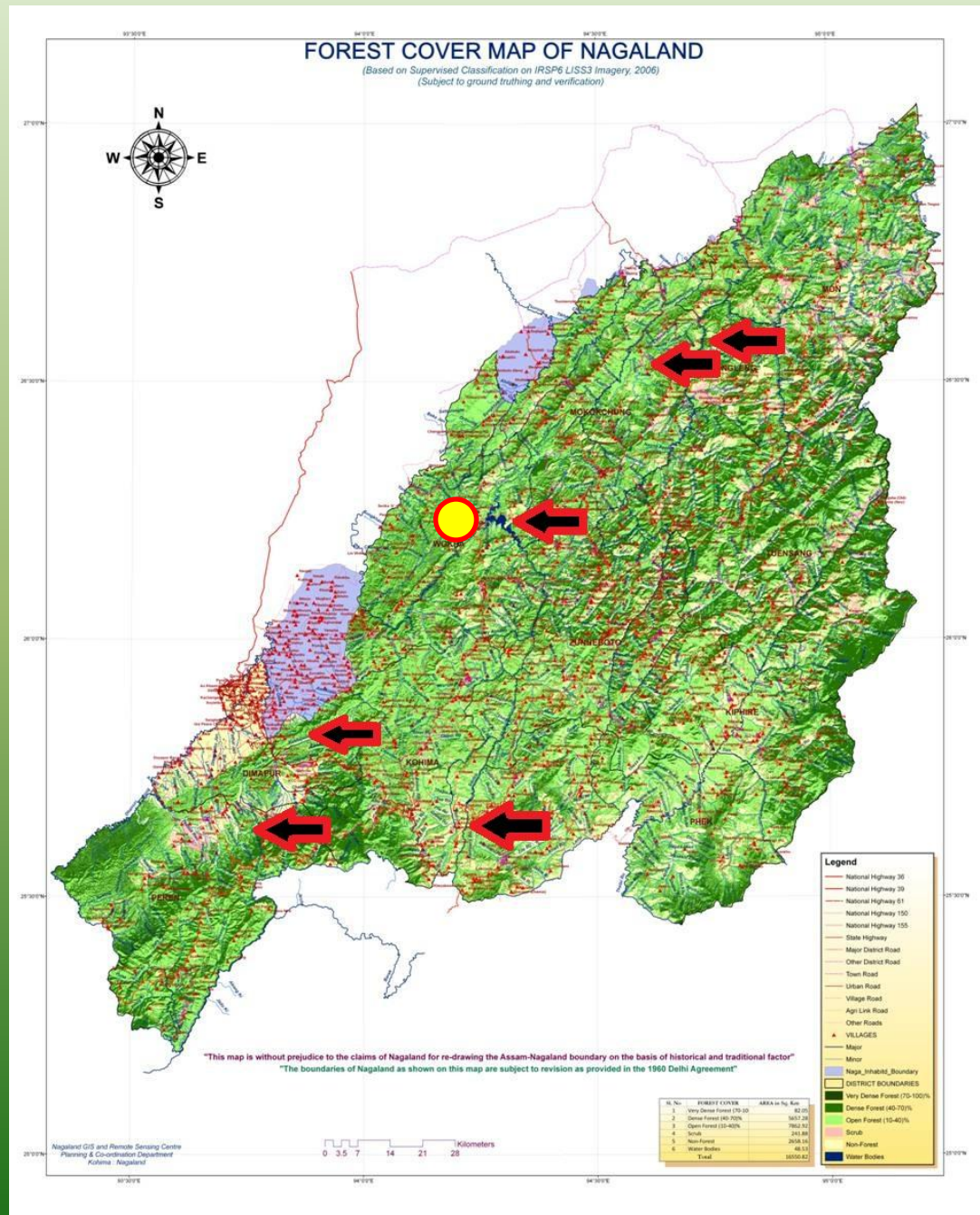
- In North east

- Assam
- Manipur
- Mizoram

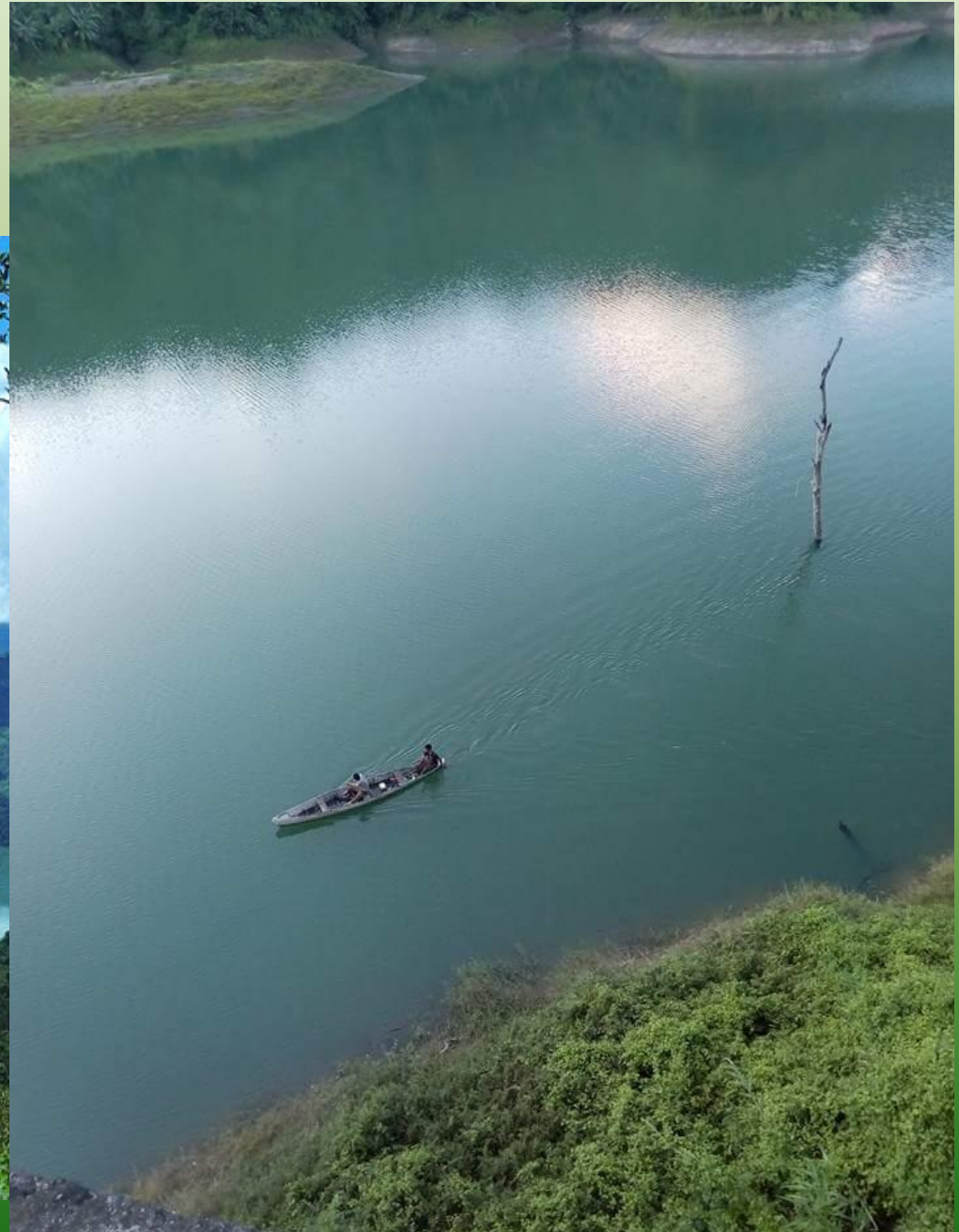
- In Nagaland

Etc?

- Doyang
- Longleng
- Intanki NP
- Jalukie
- Niuland



# Doyang



# How conservation work began!

- Identification of stakeholders
  - Surprise assignment
    - We just bumped into them!!!
  - Camping at Pangti
- Multi-pronged strategy – in retrospect
  - Awareness creation
  - Strict enforcement
  - Eco-development
- Village councils of Pangti, Ashaa & Sungro – signed MoU with Natural Nagas & Wildlife Trust of India who in turn had MoU with FD.



# Eco-clubs in schools



Promise to conserve



Stakeholders – Students and Teachers

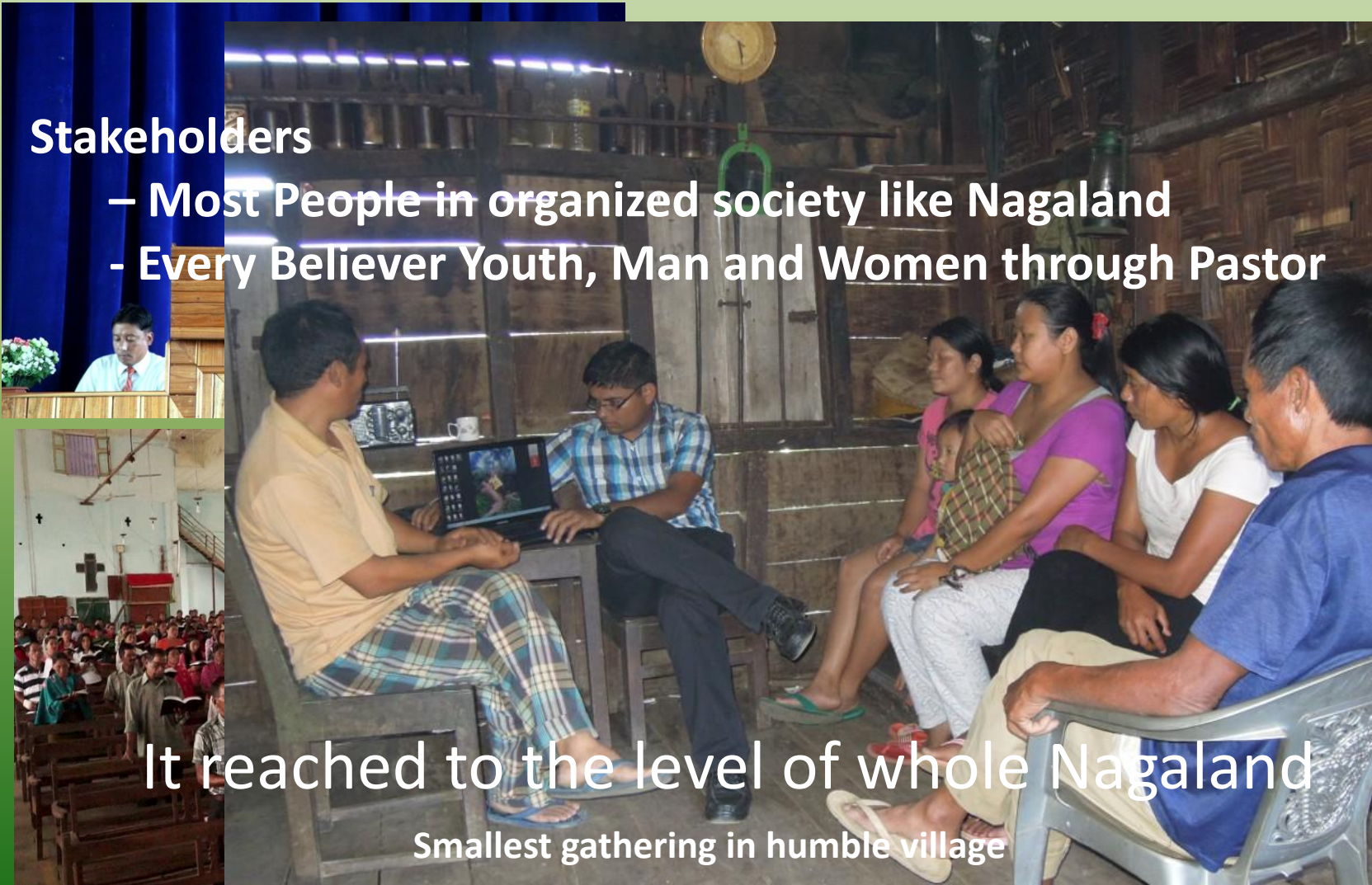
Adaptation in local language and song



# Prayers, Signature campaign, Resolutions, etc.

## Stakeholders

- Most People in organized society like Nagaland
- Every Believer Youth, Man and Women through Pastor



It reached to the level of whole Nagaland

Smallest gathering in humble village

# Legal awareness workshop

Stakeholders – District Administration, Police, Village Council



# Seminars on Importance of Conservation



# THE SAVE AMUR FALCON

# MARATHON

19<sup>TH</sup> OCTOBER, 2013 AT 07:00 AM  
PANGTI VILLAGE

Organised by

WOKHA FOREST DIVISION & PANGTI VILLAGE STUDENTS' UNION



- Stakeholders
- Students organization,
- Participants, National Green Corps
- Village council,



We still have time, relax....



Look at the winners

# To sum up awareness

– to reach most number of people in best convincing manner with least resources

- Started from school as soft and non conflicting entry to the village
- Took advantage of existing institutions and captive gathering
- Merged activities with routine things happening in village
- Tried to convince people in many angle – Legal, cultural, emotional, scientific, religious, etc.
- Involvement of local leaders
- Landscape approach
- Made use of popular media mass awareness
- Personal interactions

# Enforcement

- DLCC (District Level Co-ordination Committee)
- Withholding of Grants-in-aid
- Armed Forest protection force
  - Camping
  - Patrolling
  - Raids
  - Vehicle Checking
- Involving local volunteers



Awareness is prerequisite for good enforcement

# Livelihood



Socioeconomic development – Blame and responsibility ?



# Churches j

Home Opinion India Bengal World Business Science Technology

WOKHA, OCTOBER 15 (MEXN): Wokha Forest Division has extended 'Save Amur Falcon Devotional Service and Signature Campaign' to several other churches of Sungro, Englam and Saisi

from Church conce towards Last: the of guide

North East

## Special prayers for safety of winged visitors - Church service in Nagaland villages and signature campaign to create awareness

North East

### Marathon run to save falcons

Read more below

By PULLOCK DUTTA

Published 20.10.13



Amur Falcons at Doyang Hydroelectricity Power Project reservoir in Wokha district of Nagaland. Telegraph picture

Jorhat, Oct. 19: A marathon to create awareness on the need to protect wildlife, especially migratory Amur falcons, was organised in Nagaland's Wokha district today.

More than 150 persons from six villages in the district participated in the event.

The race was held along a 6.5km track passing through villages along the Doyang Hydroelectric Power Project where thousands of Amur falcons arrive during winter to take refuge at the wetland near the project, before moving on.

Kamdi Hemant Bhaskar, the Nagaland deputy conservator of forests, told The Telegraph over phone that the race was held in three categories — ladies, juniors and seniors — and was kicked off from Pangti village passing through lanes and bylanes of the villages near the water project.



Children attending to wildlife awareness talk in Wokha.

Members of the 'Nagaland Nagas' working under the leadership of Steve Odyuo, along with their ten other colleagues volunteered for organizing various activities in all the schools. They have pulled their socks up for covering their schools in the Doyang reservoir area.

Kamdi Hemant Bhaskar, IFS, DCF, Zuthunglo, IFS, ACF and Pusemi Khing, RFO are especially given the task of Amur Falcon conservation in the region. Supungnukshi Ao, DFO, Wokha Forest Division, thanked all the schools innumerable for their kind cooperation and appeals for inclusion of conservation programs and activities in the school curriculum. He emphasised on awareness education at the grassroots as an effective tool for solving any problem in the long run while enforcement is being done as an immediate measure. The division is prepared for both, he said.

of a church. Telegraph picture  
ice for such a cause.

safe passage of Amur  
at Doyang hydroelectric

to prevail upon the

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# The story of Satellite Tagging

*of all activities*

That's

Where  
is DFO?

We thought we too can catch the **DFOs**  
Most Important Stake holders - Fishers



'Pangti' being set free after prayer by the Pangti Villagers

**NAGA**



**WOKHA**



**PANGTI**



***“Intanki”***



***“Eninum”***



***“Phom” & “Longleng”***



Also Hakizhe village  
Niuland, Dimapur

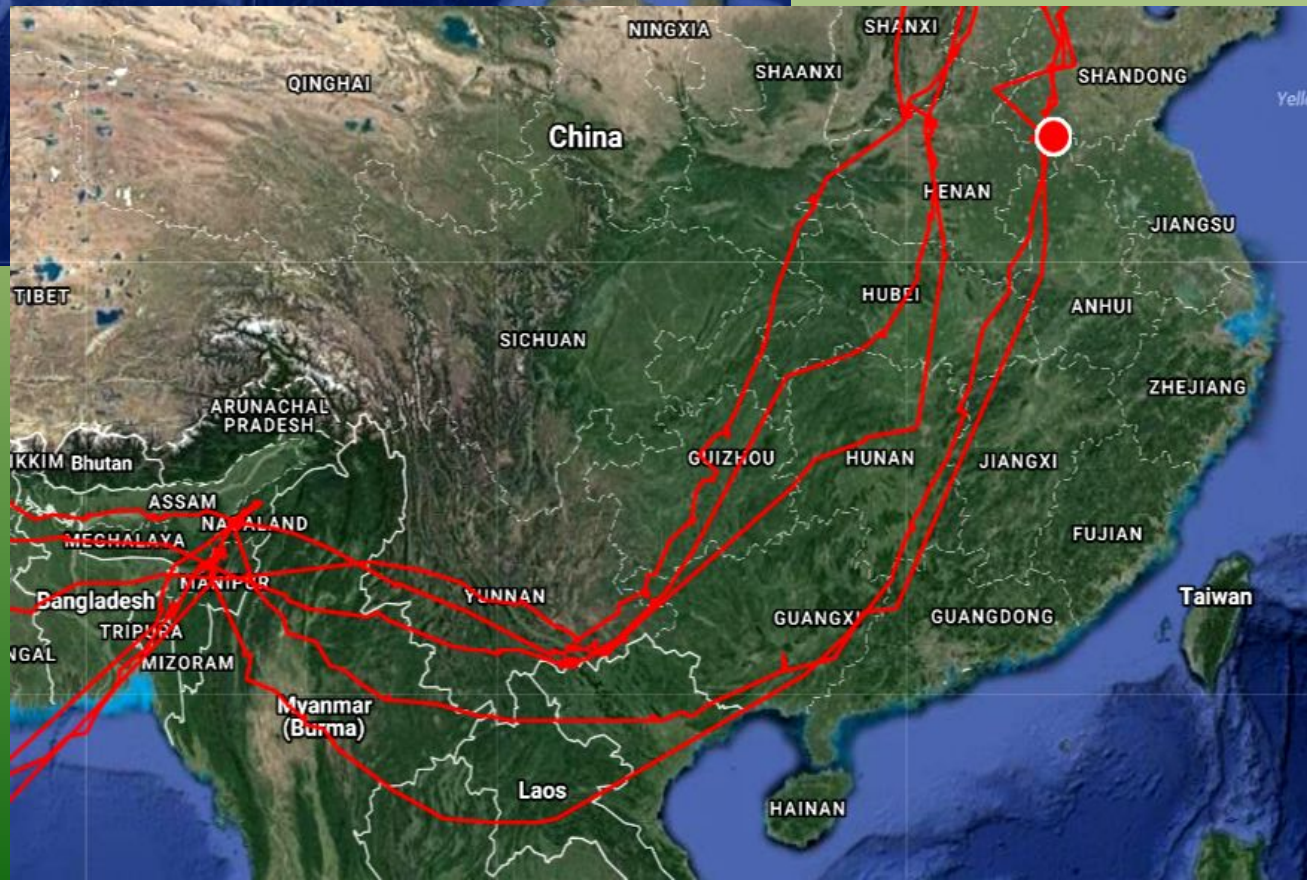


Send to map

Show 100 entries

Search:

Select pictures	196 Individuals	52 Active	15 Species	12 Countries	13 Organisations	20 Projects	12 Years
<input type="checkbox"/>	Naga	active	Amur Falcon	India	MME	<a href="#">Amur Falcon migration</a>	2013-2015
<input type="checkbox"/>	Pangti	active	Amur Falcon	India	MME	<a href="#">Amur Falcon migration</a>	2013-2015
<input type="checkbox"/>	Wokha	inactive	Amur Falcon	India	MME	<a href="#">Amur Falcon migration</a>	2013-2014





NATIONAL GEOGRAPHIC

# Safe Passage For Amur Falcons Through India

Posted by Steve Boyes of National Geographic Expeditions in Explorers Journal on November 20, 2013



# Amur falcons: The 'esteemed guests' of Nagaland

THE MORUNG EXPRESS

# HUNTERS TURN PROTECTORS: Amur Falcon Conservation Monolith unveiled

January 22, 2016



Sign in

NEWS

# India Naga tribe pledges to protect falcons

The Indian EXPRESS

Home > India > Nagaland village erects monolith for conserving migratory falcons

# Nagaland village erects monolith for conserving migratory falcons

nting





H.E. Smt. Jayanthi Nat  
Minister  
Ministry of Environme  
Government of India  
Paryavaran Bhavan  
CGO Complex, Lodhi I  
New Delhi – 110 003  
India

Pres  
Hon

Your Excellency,

With reference to our c  
subsequent tremendou  
harvesting of Amur Fal

In November 2013, fc  
(WII), the Head of  
Memorandum of Under  
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provided US\$ 20,000 t  
the WII, Nagaland For  
two specialist researche

Three Amur Falcons w  
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<http://www.satellitetrack>  
which allows anyone to

I would like to take t  
particular the Nagalar  
subsequent efforts that  
achieved by introduci  
legislation to protect th  
support from the local p

## Villagers, Scientists and Policy-Makers Unite to Conserve the Amur Falcon in Nagaland

Nick P. Williams

For many decades, Amur Falcons (*Falco amurensis*) have been known to congregate in Nagaland, northeast India for a short period from mid-October to mid-November each year. The state appears to be a stop-over site during their annual migration from breeding grounds in Russia, China and Mongolia, to wintering areas in Southern Africa. Details have always been sketchy primarily because Nagaland was a closed state, with very few outsiders allowed access.

In recent years, however, some entry permits have been granted and in 2012 a team from a non-Governmental organization (NGO) called Conservation India visited the Wokha region at the critical time. They documented huge concentrations of Amur Falcons roosting in the area. Worryingly though, the local villagers were harvesting large numbers for human consumption, including on a commercial scale with falcons being transported to be sold in markets far beyond the villages located near the roosts.



Amur Falcons - Nagaland (Photo: Nick P. Williams © Nov 2013)

Enormous congregation of Amur Falcons near Pangti, Wokha region in Nagaland – 7 November 2013



# Awards for Pangti Village Council

- **Governor's Commendation Certificate**
- **PCCF's Commendation Certificate**

04.11.2014



**Balipara Foundation Award  
(cash prize Rs.50,000)**



**Royal Bank of Scotland award  
(cash prize Rs.1.5 lakhs)**

# Tigerland India Film Festival Award 2015



# Welcome Amur Programme

(Oct.1, 2014)



# Pangti'



WATCH TOWER CU  
UNDER I F M 2013 ~14

03.11.2014



**THANK YOU**