

# Asia's Wildlife Trade

What do we know about the movement of wild animals?



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Regional Director  
TRAFFIC East Asia

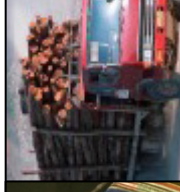
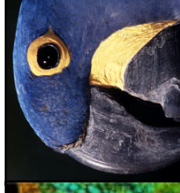
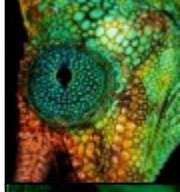
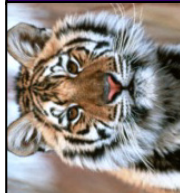
One World, One Health  
Beijing, 15-17 November 2005

**TRAFFIC:**  
*The wildlife trade program of WWF and IUCN*



# Summary

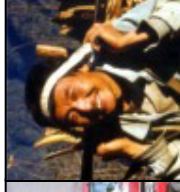
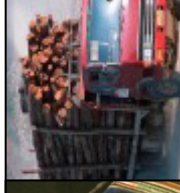
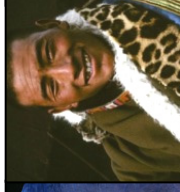
- **Live wild animal markets ...**
  - Large scale, broad scope
  - Bring global biodiversity to Asia
  - Mix wild & domestic animals
  - Conservation managers overwhelmed
- **Conservation and health ...**
  - Proper regulation a common need





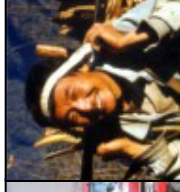
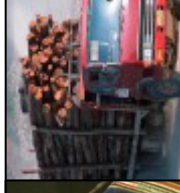
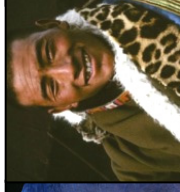
# 'Source' Markets of Southeast Asia

- **Jakarta**
  - Largest in Southeast Asia
  - 80% birds, wild & domestic
- **Medan**
  - Birds, monkeys, turtles
  - Some species with 50% mortality/day
- **Indochina**
  - More markets, but smaller
  - Birds, turtles, pangolins



# End Markets Consolidating in China

- **Guangzhou / Shenzhen**
  - 677 species (39 mammals, 453 birds)
  - Both wild-caught & captive bred
- **Viet Nam / China border**
  - 200+ vertebrate species
  - More than 50% are protected species
- **Massive scale**
  - 90000 snakes, 24000 turtles per visit
  - 600 pangolins/day

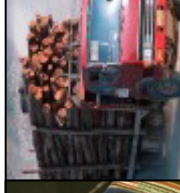
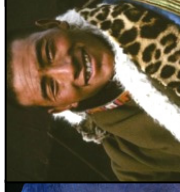
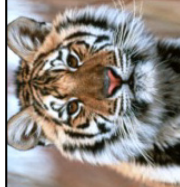


# End Markets Consolidating in China

- Available in Guangzhou ...
  - Masked palm civet
  - Ferret badger
  - Barking deer
  - Wild boar
  - Hedgehog
  - Fox
  - Squirrel
  - Bamboo rat
  - Snake
  - Leopard cat



Tufted deer in market, Sichuan, China. S. Chapman, WWF-Canon.

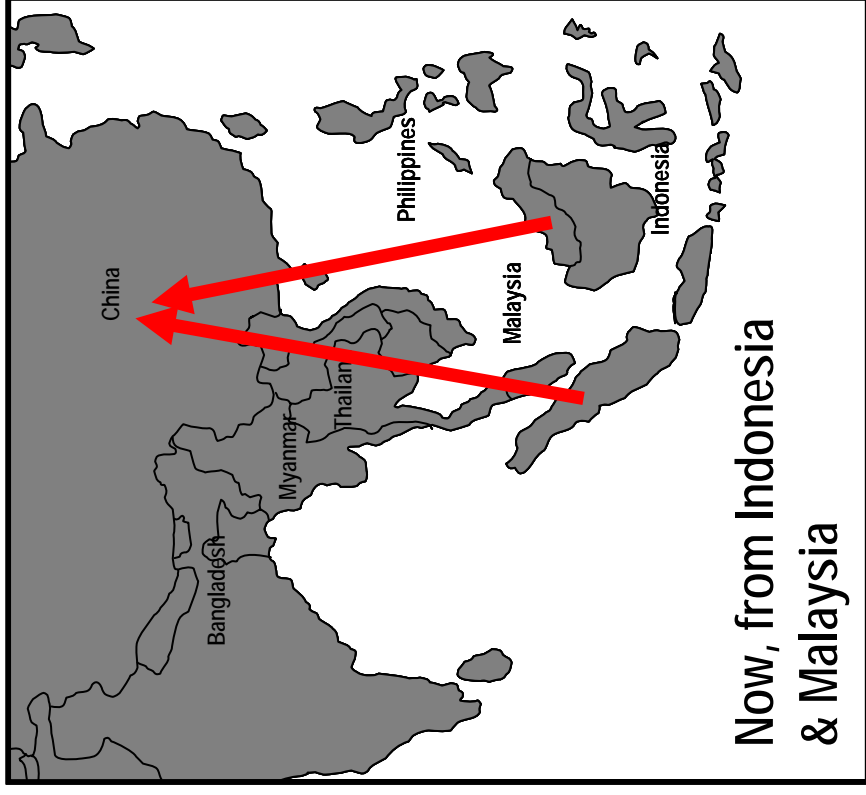




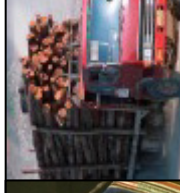
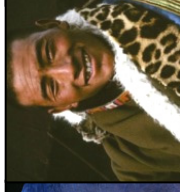
# Wildlife Trade: A Complex, Growing Business

- Asian freshwater turtle example
  - Trade is both legal and illegal
  - “Farmed” animals likely from wild
- Sources change over time
  - Wild populations depleted
  - Traders move to other countries

Trade routes for  
Asian freshwater turtles

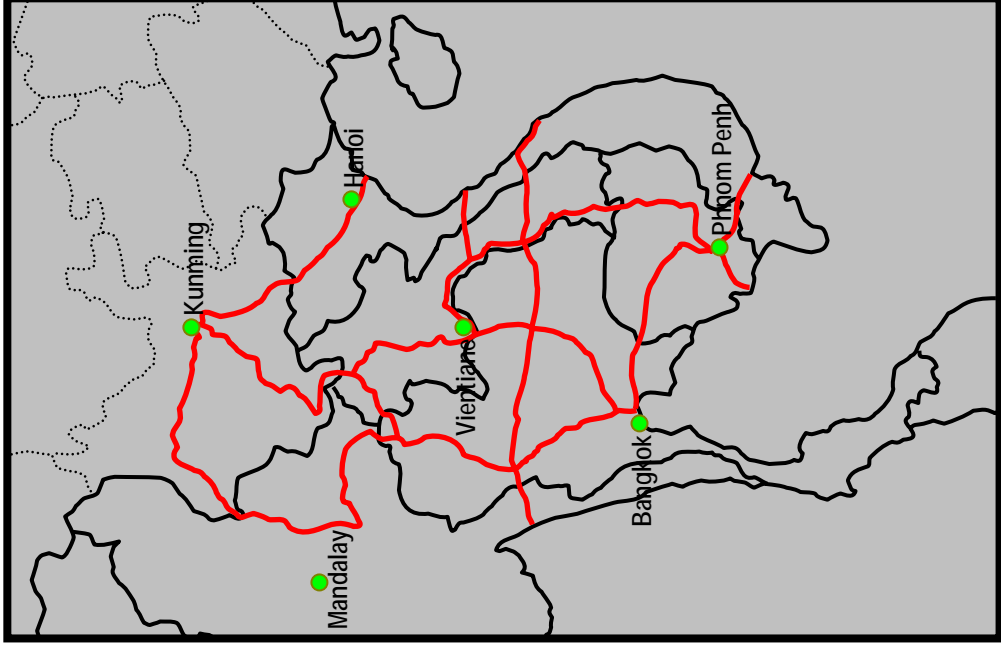


Now, from Indonesia  
& Malaysia

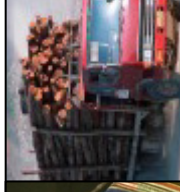
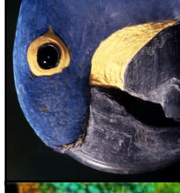


# Wildlife Trade: A Complex, Growing Business

- **Pangolin example**
  - Trade is illegal
- **Routes are ever-changing**
  - Mainly by land
  - Recent seizure of 120 pangolins, Myanmar -> Laos -> Viet Nam -> China
- **New infrastructure**
  - Reduces transport 'costs'
  - Useful for strengthened enforcement?



Trade routes: from Supradit Kanwanich 2002.

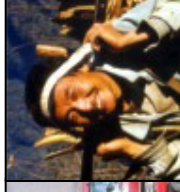
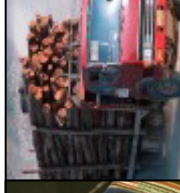
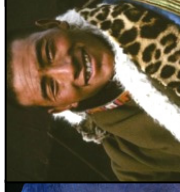


# General Lessons

- **Massive scale**
  - Lots of animals
  - Wild mixed with domestic
  - Stressful & unsanitary conditions
- **Broad scope**
  - Animals & diseases from around world
  - Cross-species exposure in markets
- **Regulators overwhelmed**
  - Trade networks: wide & complex
  - Many competing priorities



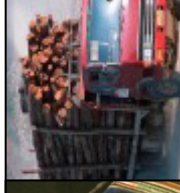
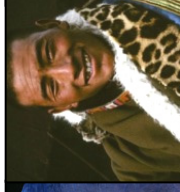
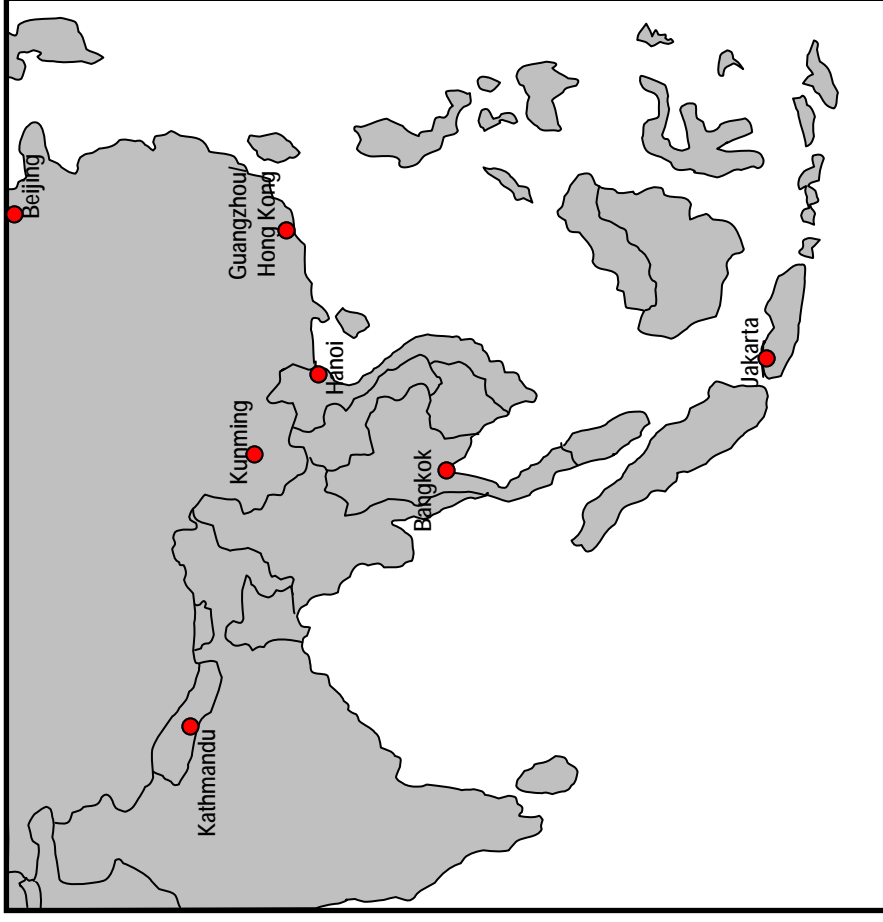
Ducks & chickens, Shaanxi, China. M. Gunther, WWF-Canon.





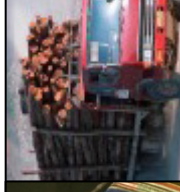
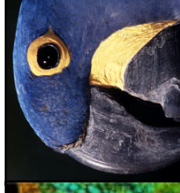
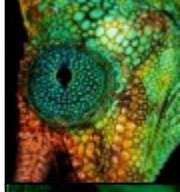
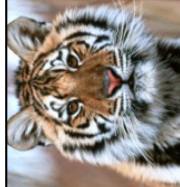
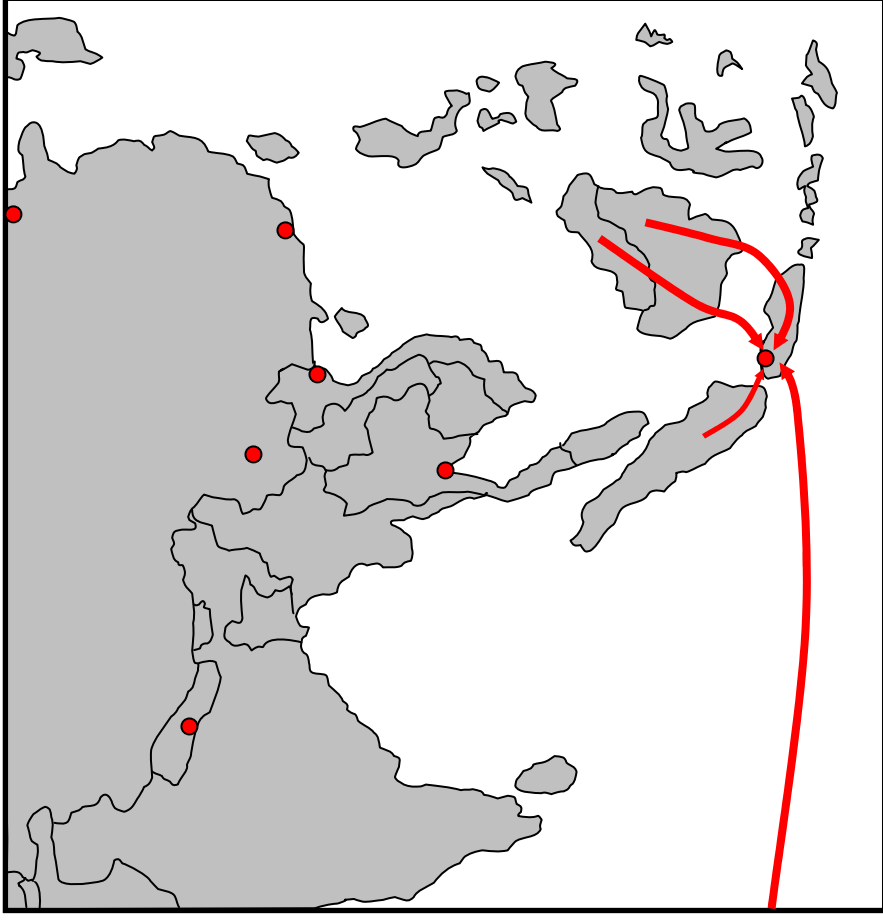
# Wildlife Markets Are Hubs

- Trade hubs
  - Key to Asia's wildlife trade
  - Mix mammal, bird & reptile
  - *Key points for intervention*
- Bangkok example
  - Only 1/3 birds native



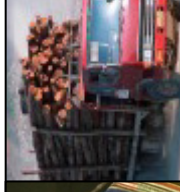
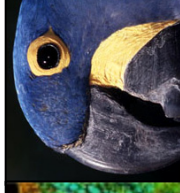
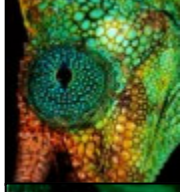
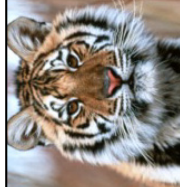
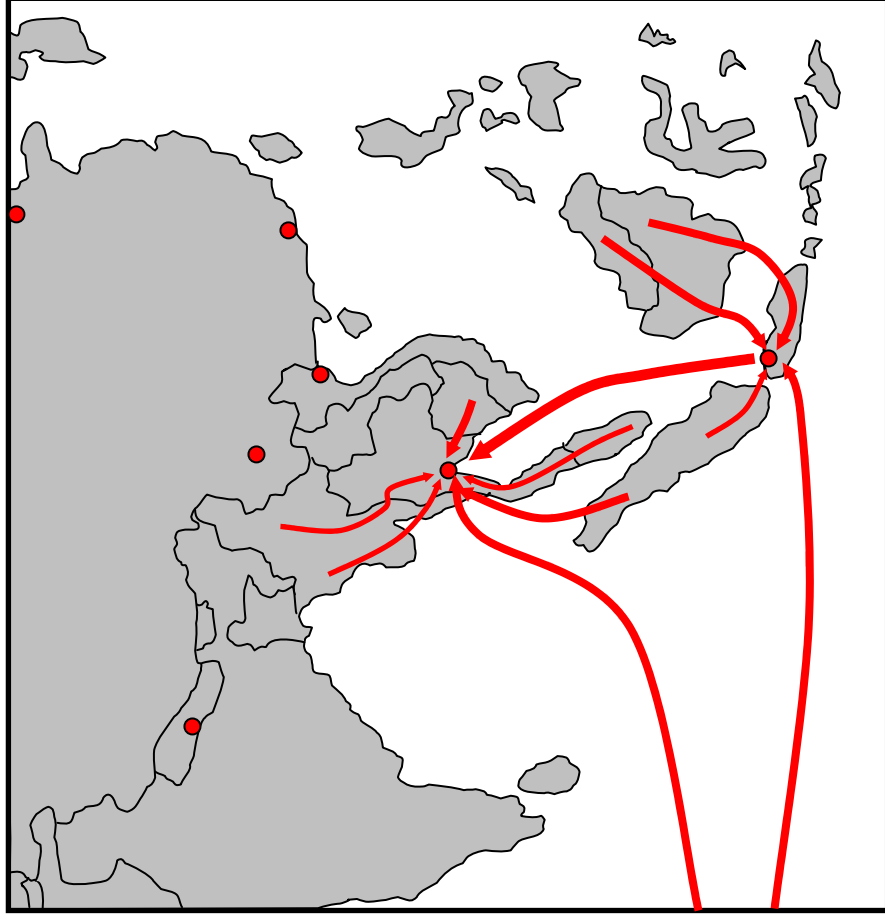
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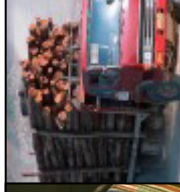
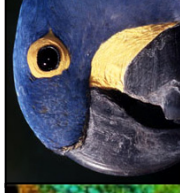
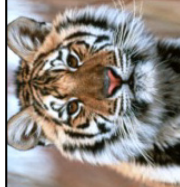
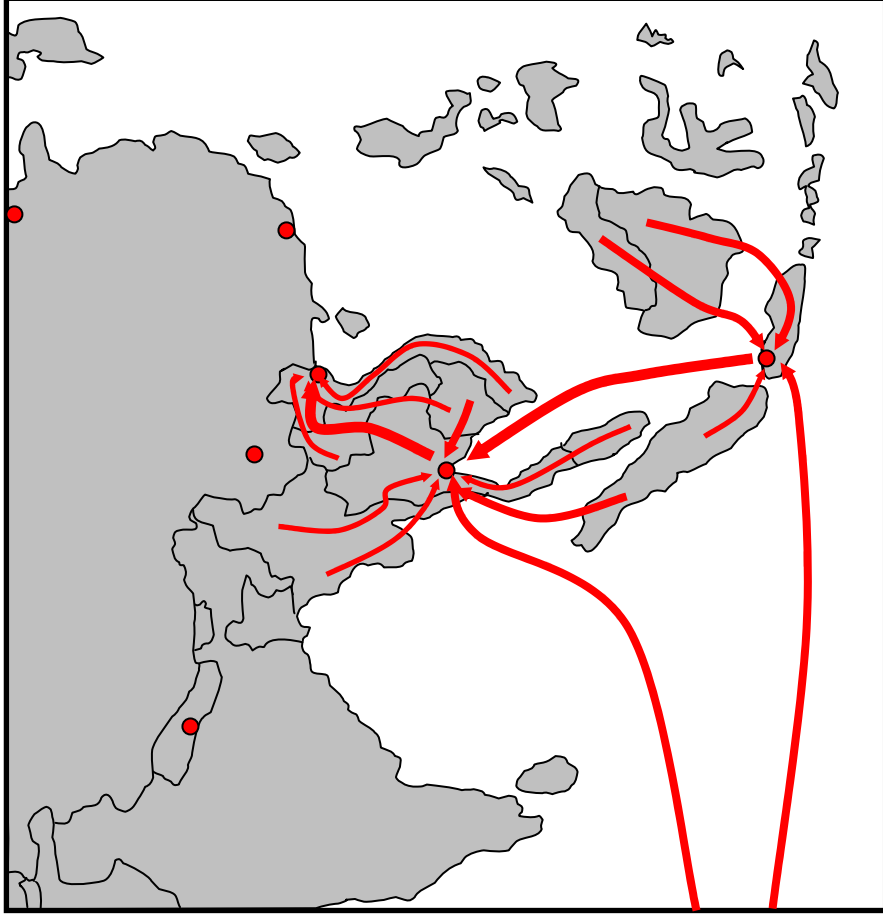
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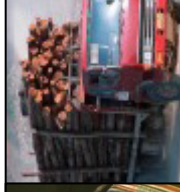
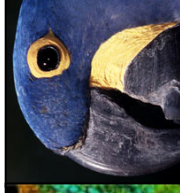
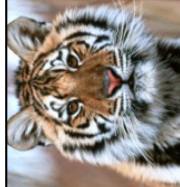
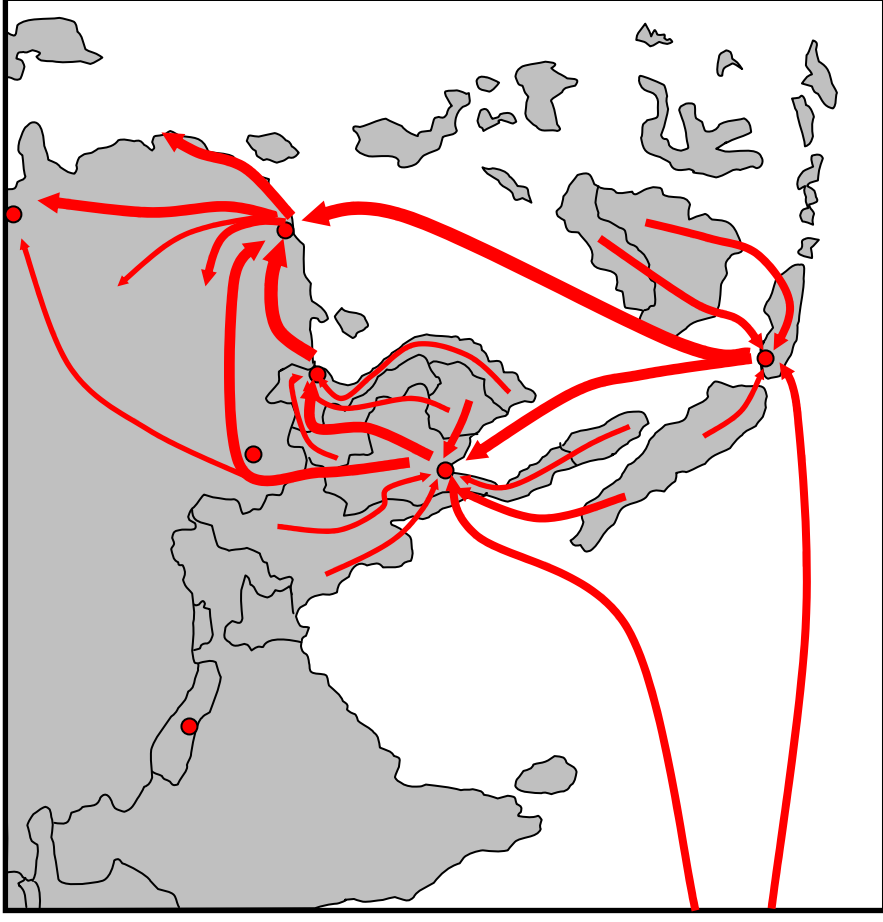
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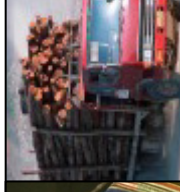
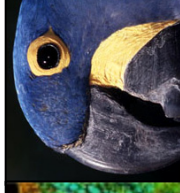
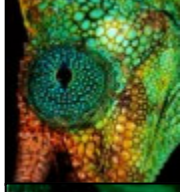
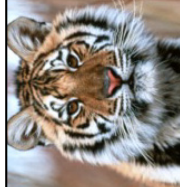
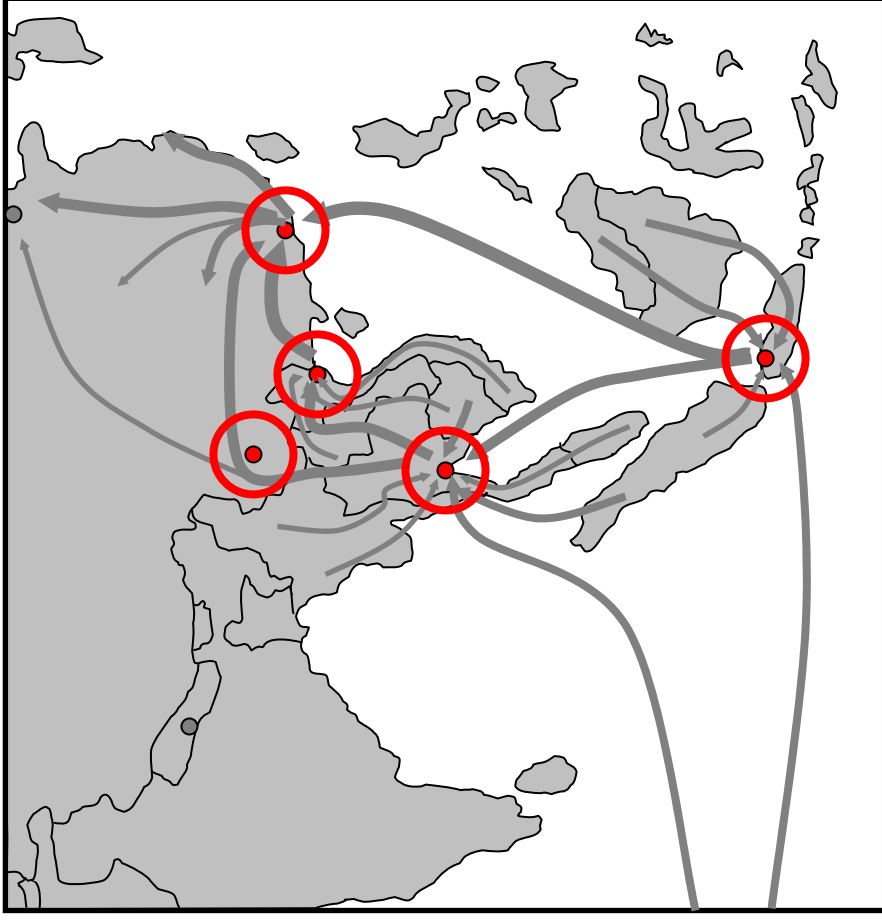
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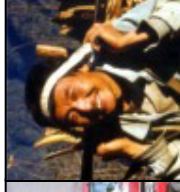
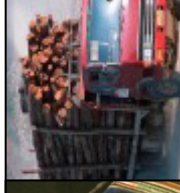
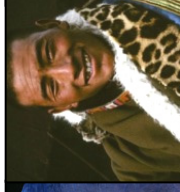
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# Common Issues for Conservation and Health

- **Common needs**
  - Legal trade managed
  - Illegal trade eliminated
  - Monitoring & surveillance
  - Timely response to issues
- **Possible next steps**
  - Resolve conflicts (e.g., Moluccan Cockatoo)
  - Collaborate on trade control
  - Tie to new infrastructure development  
(e.g., ASEAN Action Plan for Fauna & Flora, 2005-2010)



# Summary

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  - Large scale, broad scope
  - Bring global biodiversity to Asia
  - Mix wild & domestic animals
  - Conservation managers overwhelmed
- **Conservation and health ...**
  - Proper regulation a common need

