

# **RULES RELATING TO NON-NATIVE SPECIES**



**PURPLE SWAMPHEN**





It's Not About Fish and Plants. It's  
About Responsible Consumer Behavior.

Industry,  
government,  
academia, and  
consumers  
working together.

The escape or release of animals and plants from aquariums, terrariums or ponds and water gardens can harm our environment. Survival of these species in the wild has potential to cause the loss or decline of native plants and animals.

Protecting our environment is part of our responsibility to maintain healthy habitats for our native animals and plants. DO NOT release aquarium pets or aquatic plants into our oceans, rivers, streams, lakes, or wetlands. It is not good for your pets, and it can harm native habitats.



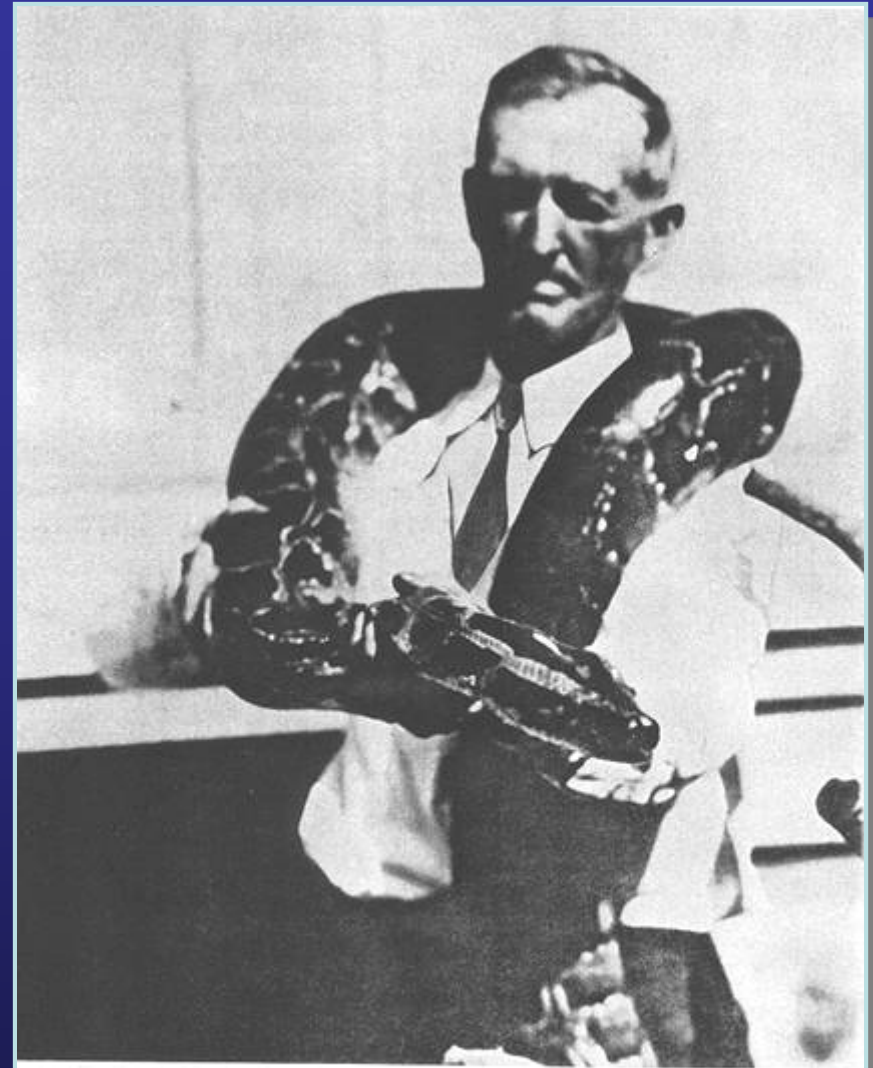
**Habitattitude™**  
PROTECT OUR ENVIRONMENT  
DO NOT RELEASE FISH AND AQUATIC PLANTS

PEAC • U.S. FISH & WILDLIFE SERVICE • NOAA'S SEA GRANT  
YOUR ORGANIZATION

[www.habitattitude.net](http://www.habitattitude.net)

# RESPONSIBLE PET OWNERSHIP

# LONG HISTORY OF EXOTIC ANIMAL ATTRACTIONS

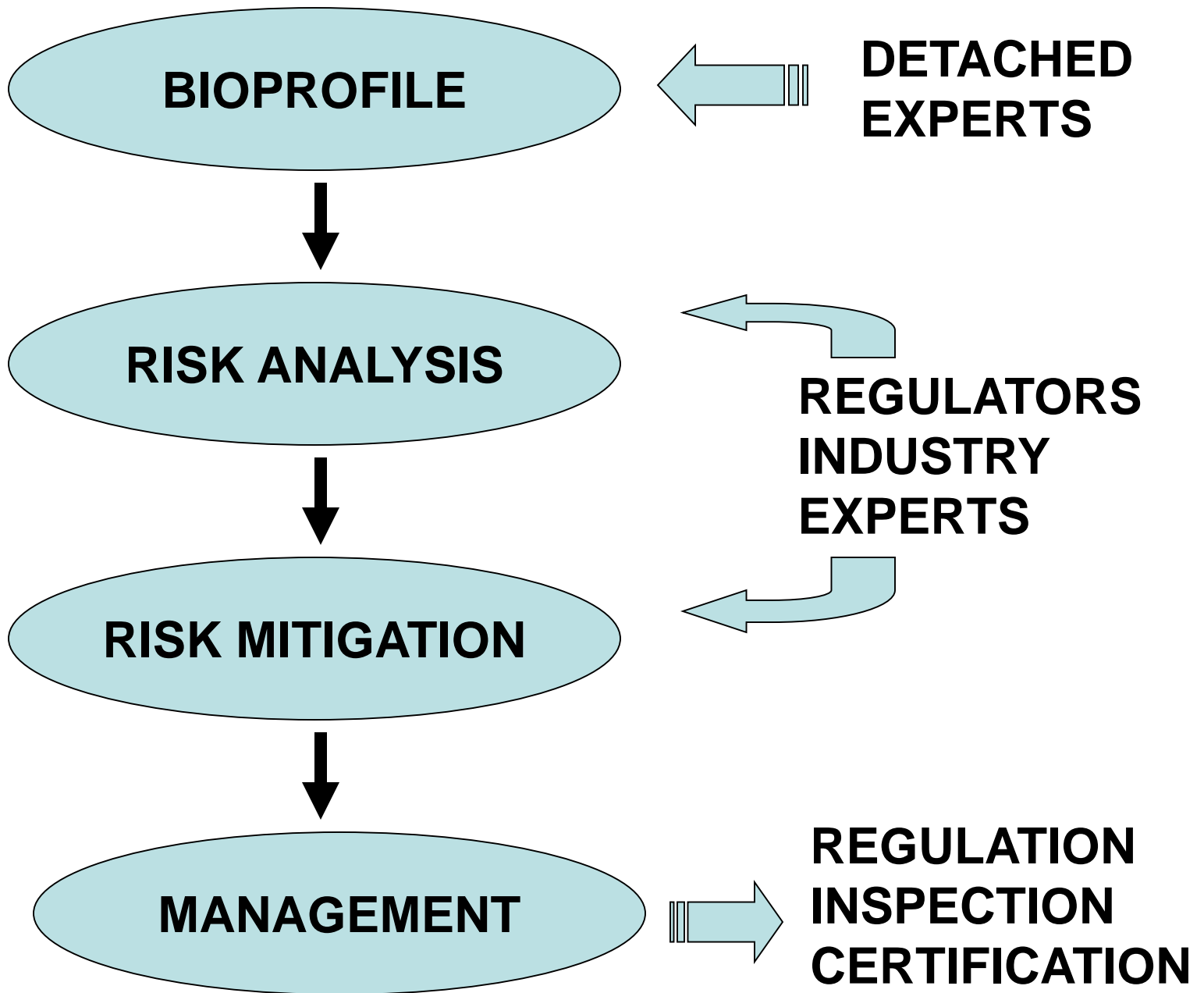


Professor F. W. Anderson exhibiting his pet Boa Constrictor  
18 feet long at White Belt Zoo

# RISK-BASED TIERS

- ECOLOGY
- ECONOMY
- HUMAN SAFETY/HEALTH









**restricted and prohibited species  
1978-82**

# RULES RELATING TO NON-NATIVE SPECIES

**Parasite-free certification required for non-native tortoises**



**African  
spur-thigh**

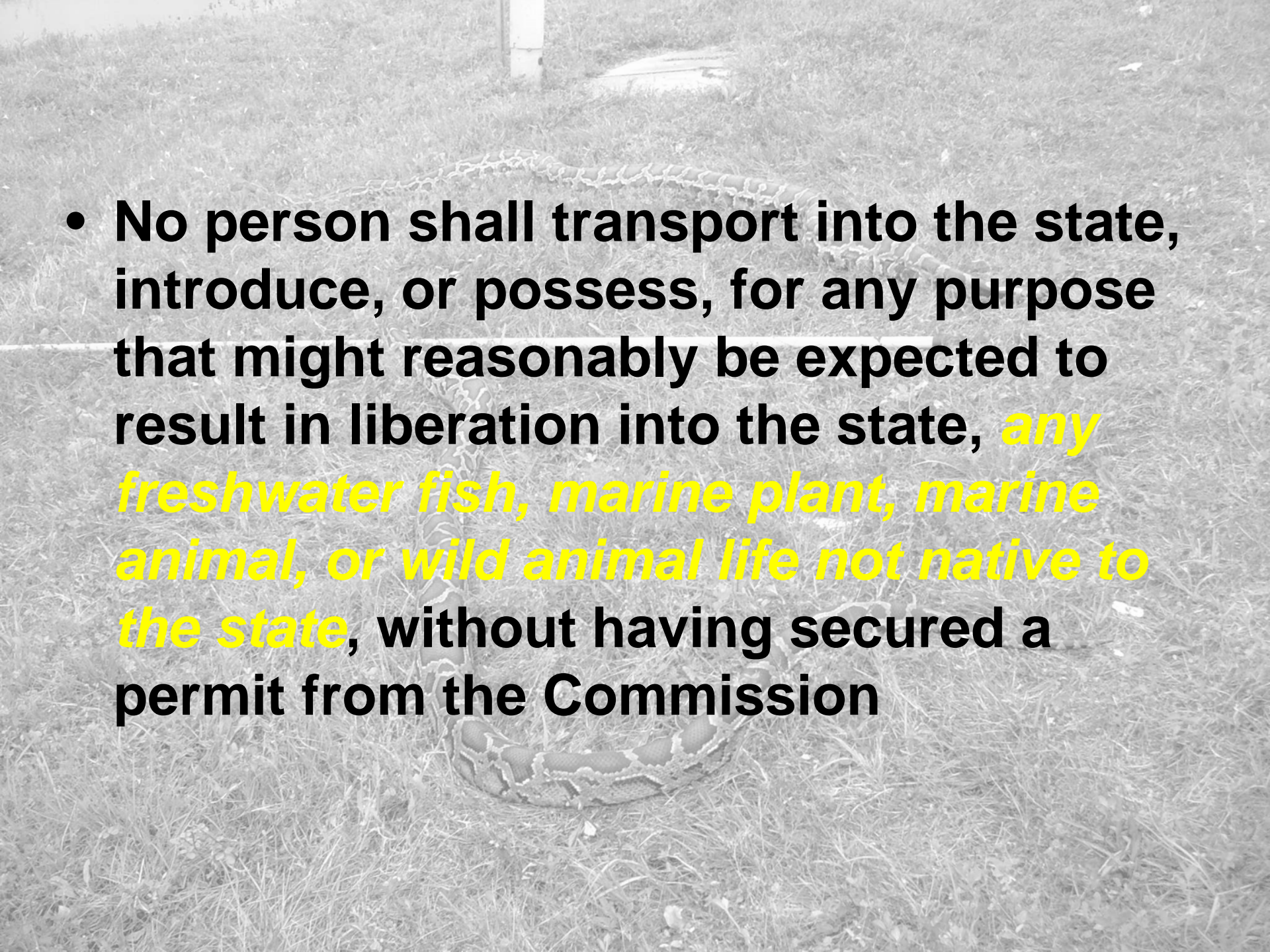


**Leopard**



**Bell's hingeback**



- 
- No person shall transport into the state, introduce, or possess, for any purpose that might reasonably be expected to result in liberation into the state, *any freshwater fish, marine plant, marine animal, or wild animal life not native to the state*, without having secured a permit from the Commission



# **INTRODUCTION OF NON-NATIVE SPECIES (effective July 1, 2007)**

- Conditional species permit requirements**
- Prohibited species permit requirements**
- No possession of piranha**
- Sea snake requirements**
- Tortoise certification**

# **INTRODUCTION OF NON-NATIVE SPECIES (effective July 1, 2007)**

- **Unless otherwise regulated by Title 68A-E, all species of freshwater aquatic life and wild animal life not native to Florida may be taken throughout the year, without restrictions.**



# **CONDITIONAL NON-NATIVE SPECIES**

**(effective July 1, 2007)**

## **→ Freshwater Aquatic Species**

**14 fishes**

**2 crayfishes**

## **→ Mammals: nutria**

**(from Florida Statutes)**

# CONDITIONAL NON-NATIVE SPECIES (effective July 1, 2007)



- Current owners grandfathered
- No red-ears < 4" as of July 1, 2008
- Exports may continue
- Color morphs exempted



**'PASTEL' MORPHS**



# **PROHIBITED NON-NATIVE SPECIES**

## **(effective July 1, 2007)**

### **→ Freshwater Aquatic Species**

**12 fishes**

**Australian red claw crayfish**

**Zebra mussel**

# **PROHIBITED NON-NATIVE SPECIES**

## **(effective July 1, 2007)**

→ **Mammals: African giant pouched rats**

→ **Marine species**

**Mitten crab**

**Sea snakes**

**Weeverfishes**

**Stonefishes**



# PROHIBITED SPECIES:

## African Giant Pouched Rats

- **Conforms to FDA/CDC rule**



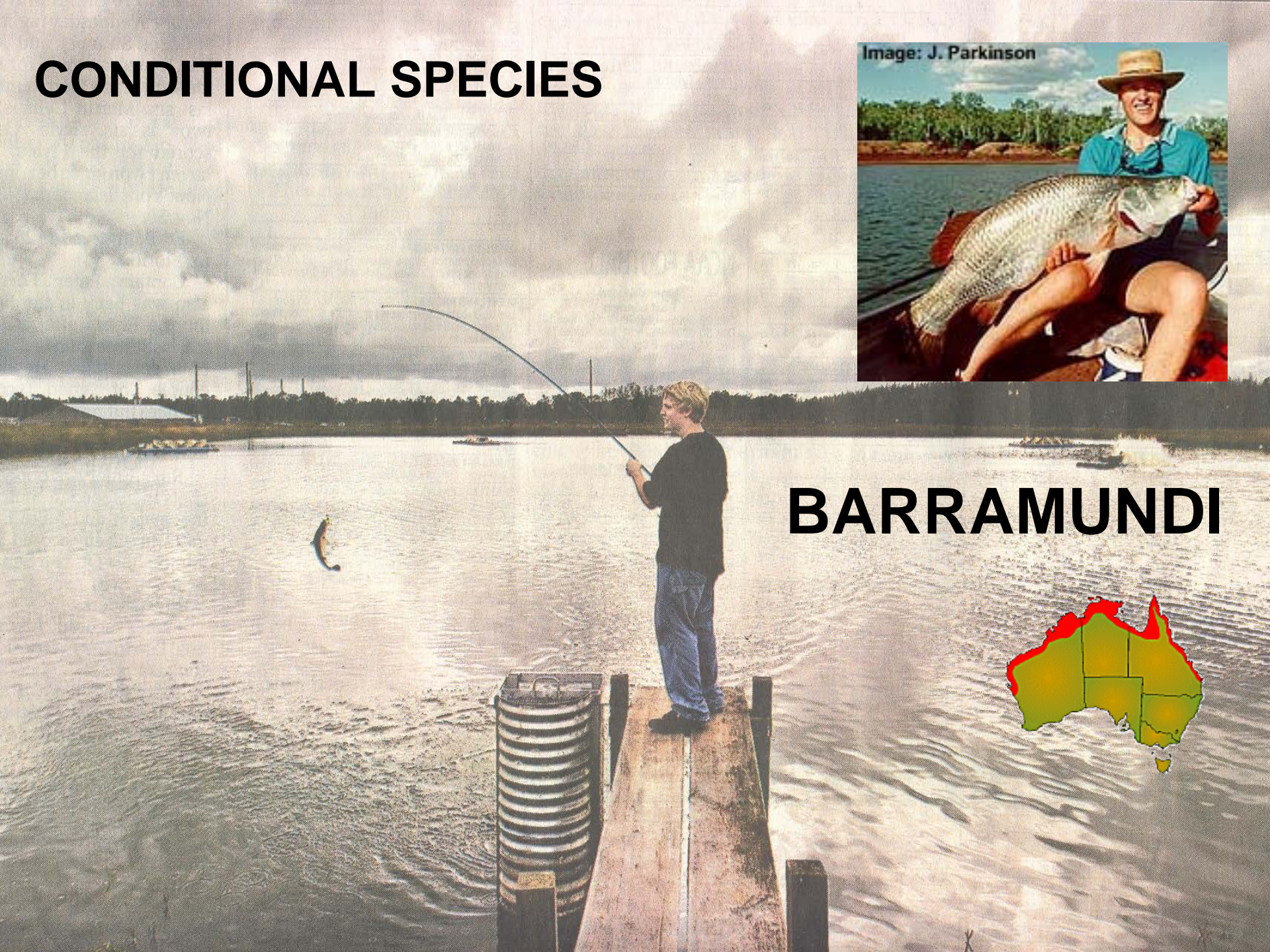
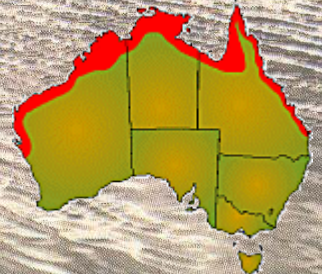


# CONDITIONAL SPECIES

Image: J. Parkinson



# BARRAMUNDI





# **PROPOSED FOR GENUS *LATES* (NILE PERCHES)**

**NO FEE FISHING**

**NO OUTDOOR CULTURE FOR  
FUTURE FISH FARMS**

**RISK ANALYSIS**



# BIO-PROFILE

# RISK ANALYSIS



UNIVERSITY OF  
FLORIDA

Institute of Food and Agricultural Sciences

Department of Fisheries & Aquatic Sciences

Tropical Aquaculture Laboratory

1408 24TH STREET SE

In cooperation with;

Florida Department of Agriculture &  
Consumer Services-Division of Aquaculture

USDA/APHIS

National Weather Service

Hillsborough County Board of County Commissioners



An aerial photograph of a large facility, possibly a wastewater treatment plant or a farm, featuring numerous rectangular and oval-shaped ponds, several large industrial-style buildings, and a prominent white water tower. The facility is surrounded by trees and some residential areas in the background.

**TAXONOMY**

**BIO-PROFILE**

**BIOLOGY**

**NATIVE RANGE**

**CONTROL METHODS**

**FLORIDA DISTRIBUTION**

**POTENTIAL IMPACTS**

# **STAKEHOLDER REVIEW**

**REGULATORS**

**RESEARCHERS**

**INDUSTRY**

**NGO**

**ANGLING COMMUNITY**

**LOCAL INTEREST**



# **TIMETABLE**

**BIO-PROFILE: JUNE 2007**

**STAKEHOLDERS:**

**JULY THROUGH AUGUST**

**STAFF RECOMMENDATIONS:**

**SEPTEMBER**





# PURPLE SWAMPHEN RAPID RESPONSE







***Porphyrio porphyrio***

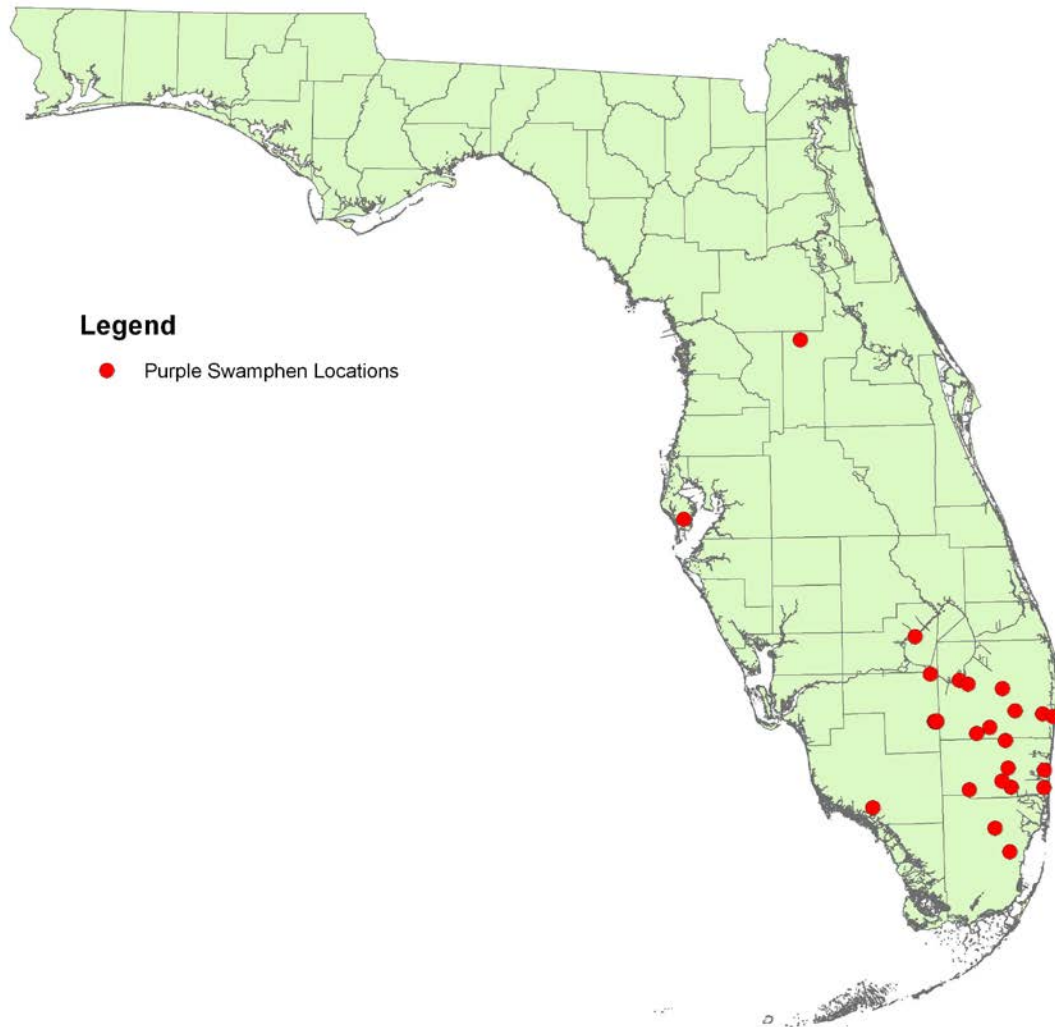
08/25/2006

# NATIVE TO ASIA & EAST TO EUROPE



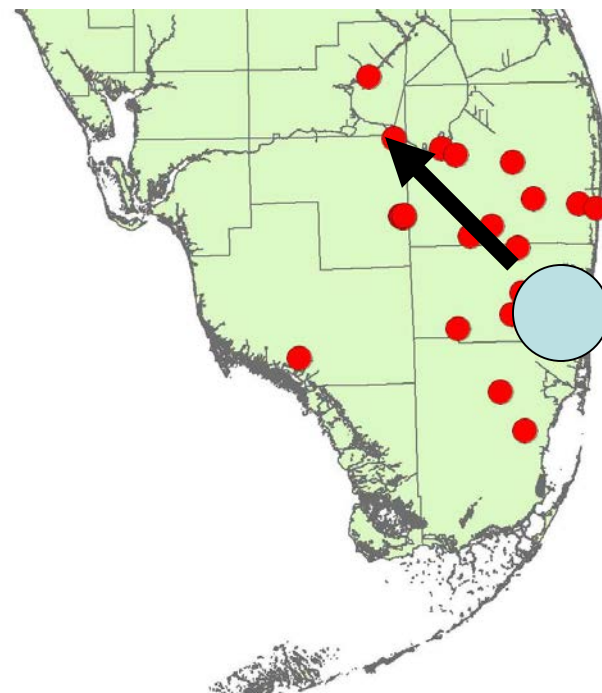
# Purple Swamphen Locations

15 April 2007



## Legend

● Purple Swamphen Locations







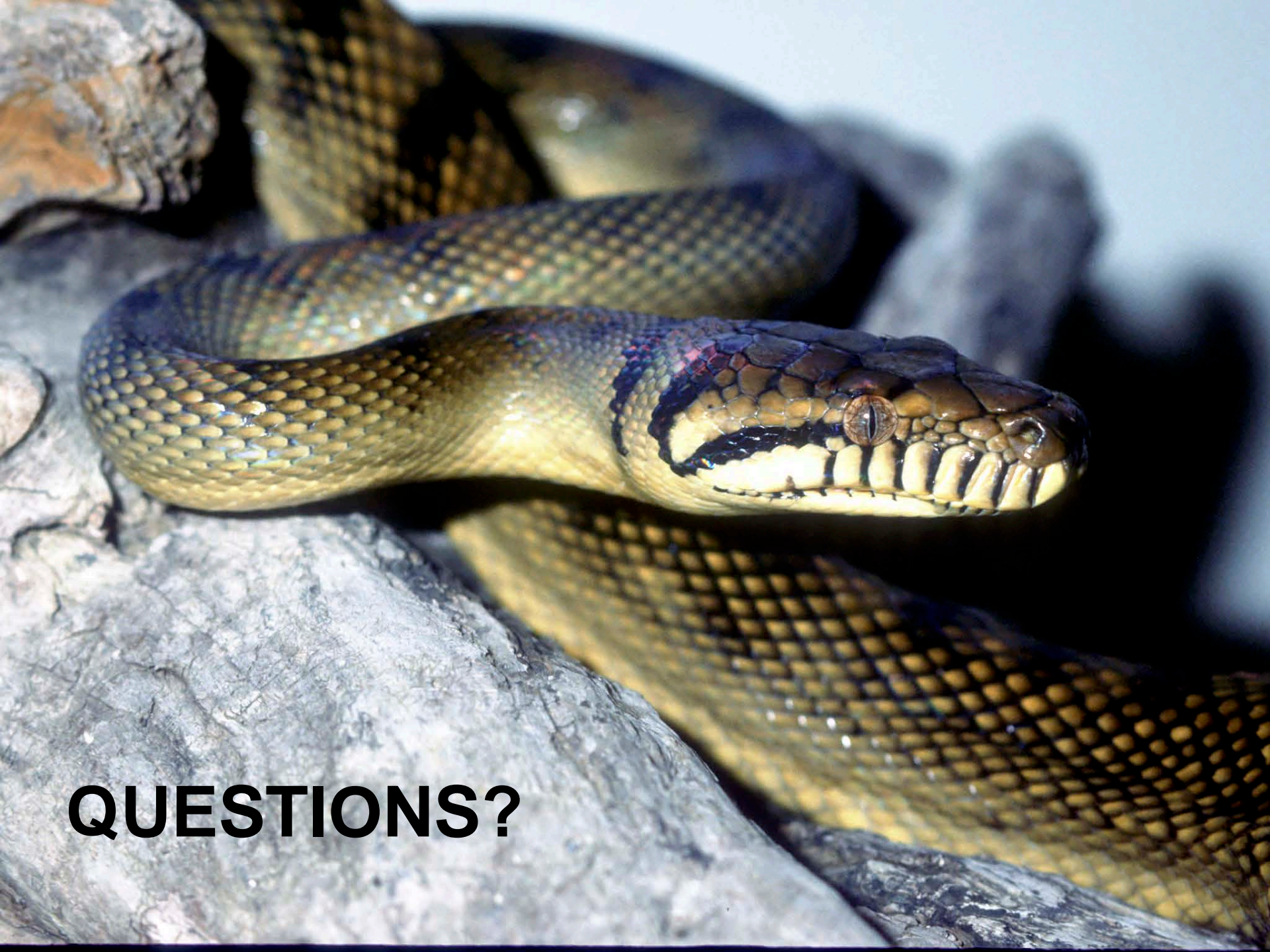






**660 REMOVED, 50-100 MORE?**





**QUESTIONS?**