

# Impacts of Tourism on Wildlife : A Review

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# Impacts on Wildlife

1. Deliberate harvesting of wildlife
2. Wildlife viewing
3. Inadvertent disturbance
4. Tourism infrastructure

# 1. Deliberate Harvesting

- Hunting

- White-tailed Deer in the USA (Kilgo et al. 1998)

- Marmots on Vancouver Island (Dearden & Hall 1983)

# 1. Deliberate Harvesting

- Fishing
  - Cunjevoi in New South Wales  
(Fairweather 1991)
  - Semipalmated Sandpipers in Canada  
(Shepherd & Boates 1999)
- Souvenir collection

## 2. Wildlife Viewing

- Humans as potential predators
- Disturbance of feeding
  - Asian Rhinoceros in Nepal (Lott & McCoy 1995)
- Disturbance of breeding
  - Birds

## 2. Wildlife Viewing

- Feeding of wildlife
  - Coyotes in USA parks (Bounds & Shaw 1994)

## 2. Wildlife Viewing

- Collisions and damage
  - Manatees in Florida (Shackley 1992)
  - Corals in Ras Mohammed National Park (Medio et al. 1997)
  - Corals on Wistaria Reef (Woodland & Hooper 1977)

# 3. Inadvertent Disturbance

- Modification of visibility
  - Pygmy Marmosets in Ecuador (de la Torre et al. 2000)
- Changes in resource utilisation
  - Elk in Yellowstone National Park (Cassirer et al. 1992)

# 3. Inadvertent Disturbance

- Disturbance of breeding
  - Common Terns in Barnegat Bay  
(Burger 1998)
- Crushing and trampling
  - Earthworms in Lancaster (Pearce 1984)
  - Ghost Crabs on Cape Lookout  
National Seashore (Wolcott & Wolcott 1984)

# 3. Inadvertent Disturbance

- Disturbance of resources
  - Marmots in Canada (Dearden & Hall 1983)
  - Skinks and invertebrates (Hecnar & M'Closkey 1998)
  - Birds in Swansea Bay (Pearce 1998)
- Exotic species and diseases
  - Zebra Mussels in North America (Johnson & Padilla 1996)

# 4. Tourism Infrastructure

- Disturbance of resources
  - Antarctica (Hall 1992)
- Collisions and damage
  - Black Grouse in France (Miquet 1990)
  - Bats in Cutta Cutta Cave (Churchill 1987)
  - Corals

## 4. Tourism Infrastructure

- Inhibition of movement
- Disturbance of breeding
  - North Royal Albatrosses in New Zealand (Higham 1998)
- Protection of humans
  - Gold Coast (Liddle 1997)

# Summary

- Population size
- Behaviour
- Resource utilisation
- More research required