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BIODIVERSITY CONSERVATION AND HABITAT MANAGEMENT

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3. Feral Cats
   3.1. Origins of Feral Cat Populations
   3.2. Current Situation of Feral Cats on Islands and Continental Areas
   3.3. Effects of Feral Cats on the Native Biota of Islands
   3.4. Control Measures for Feral Cats
      3.4.1. Continental Areas and Large Islands
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   3.5. Methods of Eradication
   3.6. Interactions and other Effects of Eradication
4. Rodents
   4.1. Rodent Effects on Island Ecosystems
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5. Conclusions

Eradication of Goats and other Feral Herbivores
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Marco Masseti, Universita di Firenze, Italy

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2. Negative Aspects of Alien Herbivore Presence
   2.1. Damage to Natural and Seminatural Ecosystems
   2.2. Competition with Autochthonous Species
   2.3. Storage of Pathogenic Organisms
3. Positive Aspects of Alien Herbivore Presence
   3.1. Historical Aspects
   3.2. Feral Populations Originated from Domestic Animals
4. Management Options
   4.1. Population Control
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   5.1. "Wild" Sheep and Goats on Mediterranean Islands
   5.2. Rabbits in Australia
6. Perspectives

**Control and Eradication of Invasive Aquatic Invertebrates**

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1. Introduction
2. Vector Management: An Ounce of Prevention is Worth a Pound of Cure
3. Control and Eradication Efforts
4. Case Histories
   4.2. Polychaeta, Sabellidae
      4.2.1. A Shell-Boring Worm, *Terebrasabella heterouncinata*
      4.2.2. Giant Fanworm, *Sabella spallanzanii*
   4.3. Mollusca, Bivalvia
      4.3.1. The Mussels that Clogged the Great Lakes: *Dreissena polymorpha* and *D. bugensis*
      4.3.2. The Black-Striped Mussel, *Mytilopsis sallae* (*Dreissenidae*)
      4.3.3. The Asian Mussel, *Linnoperna fortunei* (*Mytilidae*)
      4.3.4. The Asian Date Mussel, *Musculista senhousia* (*Mytilidae*)
      4.3.5. The American Oyster Drill, *Urosalpinx cinerea*, in English Oyster Beds
      4.3.6. The Asiatic Clam, *Corbicula fluminea* (*Pelecypoda, Corbiculidae*)
   4.4. Crustacea, Decapoda
      4.4.1. European Green Crab, *Carcinus maenas*
      4.4.2. The Chinese Mitten Crab, *Eriocheir sinensis* (*Grapsidae*)
   4.5. Echinodermata
      4.5.1. The Northern Pacific Sea Star, *Asterias amurensis*

5. Summation

**Alien Plant Management**

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1. Foreword: Plant Invasions: Not Only a Scientific Problem
2. Present Knowledge of Invasion Biology
   2.1. From Introduction to Invasion: A Dynamic Process Involving Not Only Alien Species
   2.2. Invasive Plants: Is There a Way to Detect Them in Advance?
   2.3. Naturalization: Looking for Some Causes of Alien Species Success
   2.4. What Makes Some Ecosystems More Invasion-Prone Than Others? An Ecological and Biogeographical Perspective
      2.4.1. Urban Ecosystems
      2.4.2. Fluvial Ecosystems
      2.4.3. Forest Ecosystems
      2.4.4. Island Ecosystems
      2.4.5. Semiarid and Mediterranean Ecosystems
3. Control, Eradication, or Exploitation? Three Alternative Ways of Managing Invasive Plants
   3.1. Surveys
   3.2. Control and Eradication
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   3.4. Looking at Alien Invaders as a Resource: Some Examples of an Upside-Down Perspective