

**NATIONAL UNIVERSITY OF IRELAND  
GALWAY**

**OLLSCOIL NA hÉIREANN, GAILLIMH.**

**SEMESTER II, SUMMER EXAMINATIONS, 2000**

**BSc (Hons) Zoology (ZO401)**

**THIRD PAPER**

**and**

**BSc (Hons) Environmental Zoology (ZO403)**

**Extern examiner : Professor G. Fava.**

Time allowed : Three Hours

Answer *four* questions

1. Discuss the hierarchical organisation of parasite communities and outline the ways in which parasites can adversely affect their hosts.
2. Write an essay on Ireland's rare and endangered freshwater fishes.
3. Write a brief essay on the classification of lakes.
4. Discuss the composition of oceanic island faunas.
5. Outline some of the techniques used in investigating populations of wild mammals.
6. Detail the historical distribution, habitat requirements and threats, if any, to three wild mammal species in Ireland.
7. Write an essay on wildlife conservation.