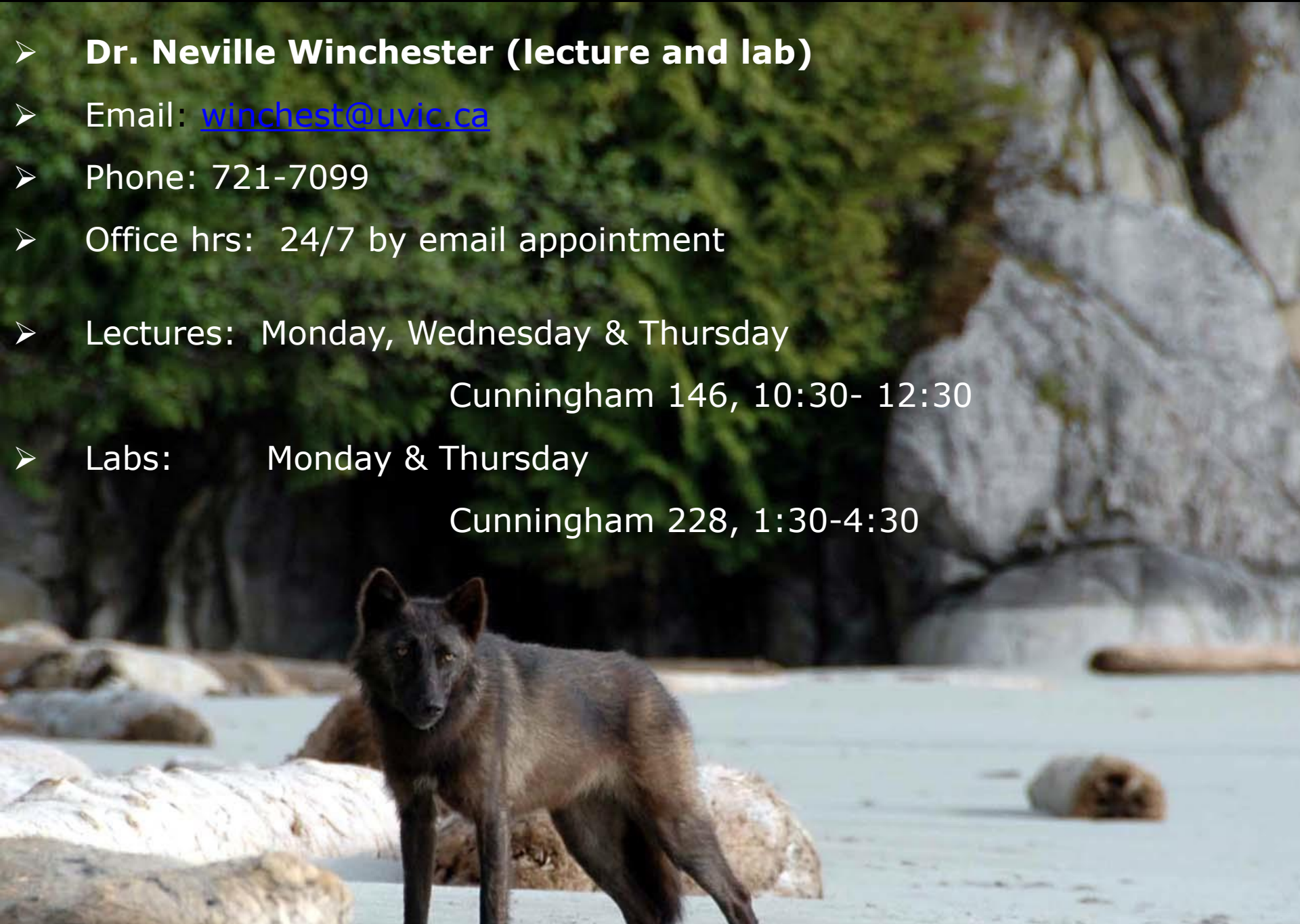


BIOLOGY 329: Course outline – Summer - 2016

Overview, major themes, post-glacial colonization of BC

- Amphibians:** Phylogeny, life history
BC topics: species diversity, distribution, conservation
- Reptiles:** Phylogeny, life history
BC topics: species diversity, distribution, conservation
- Birds:** Phylogeny, natural history, flight
BC topics: species diversity, seabird life histories, conservation
- Mammals:** Phylogeny, natural history
BC issues, species diversity, conservation
- Integrated topics:** Sampling methodology
Case example - Columbia spotted frog
Case example - Sea Turtles
Case example - Sharp-tailed Snakes
Habitat fragmentation
Case examples - Marine birds, functional biodiversity
Case example - Fishers

- **Dr. Neville Winchester (lecture and lab)**
- Email: winchest@uvic.ca
- Phone: 721-7099
- Office hrs: 24/7 by email appointment
- Lectures: Monday, Wednesday & Thursday
Cunningham 146, 10:30- 12:30
- Labs: Monday & Thursday
Cunningham 228, 1:30-4:30



- ◆ Course reference material: There is no text for the course.
- ◆ Lecture powerpoints are available on the class computers on Thursday, each week.
- ◆ For BC tetrapods, general information is available on the B.C. Gov. website <http://www.env.gov.bc.ca/wld/bio.htm>

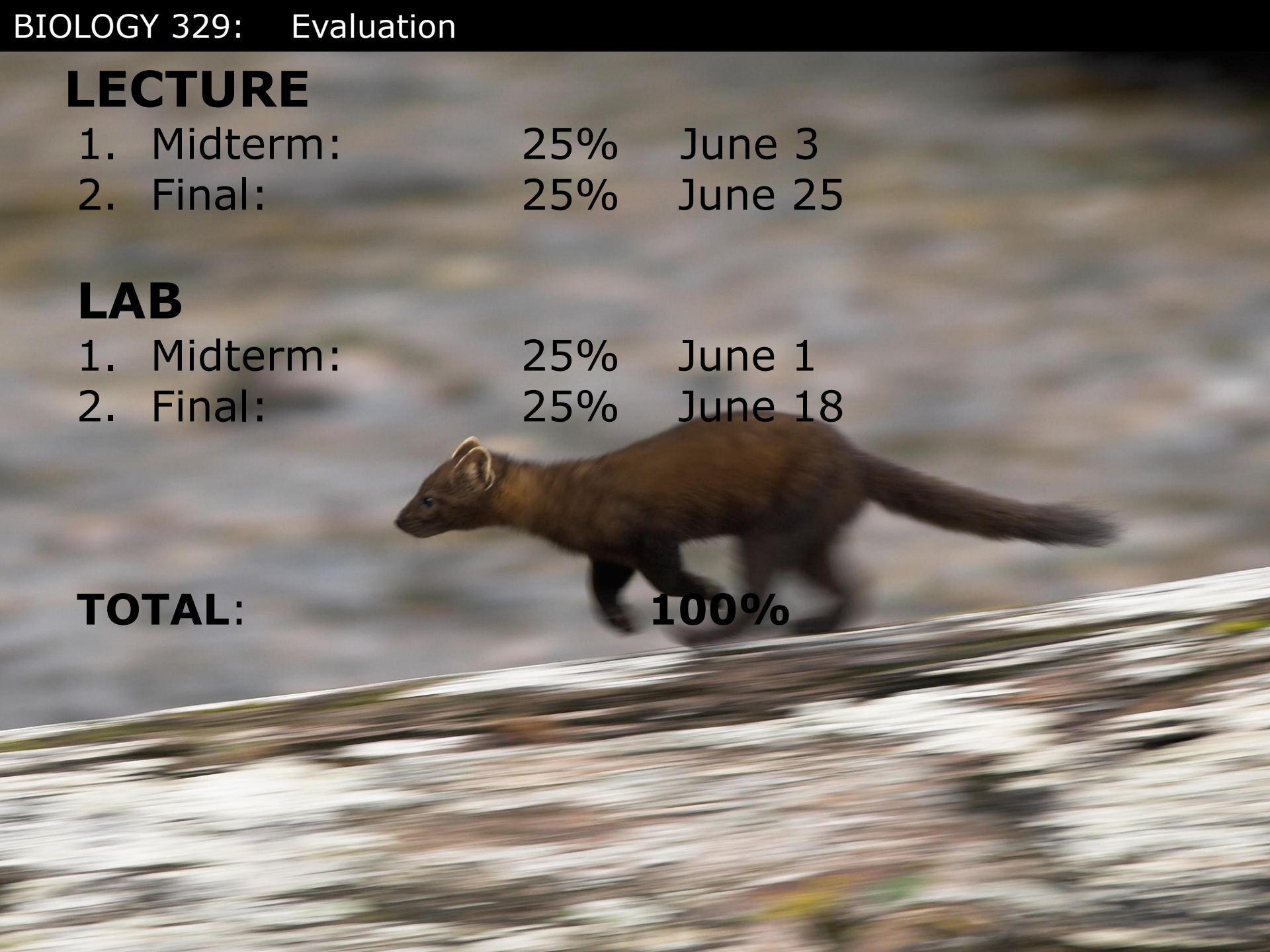
LECTURE

1. Midterm:	25%	June 3
2. Final:	25%	June 25

LAB

1. Midterm:	25%	June 1
2. Final:	25%	June 18

TOTAL: 100%



- **NATURAL HISTORY**
- **SYSTEMATICS**
- **SAMPLING DESIGN AND METHODOLOGY**
- **BIODIVERSITY CONCERNS**
- **CONSERVATION INITIATIVES**
- **CASE EXAMPLES**



ECOLOGICAL ASPECTS OF TETRAPODS

- ❑ WHAT HAVE WE GOT (taxonomic)
- ❑ WHERE IS IT FOUND (zoogeographic)
- ❑ HOW DID WE GET THEM (BC examples)
- ❑ HOW DO WE KEEP THEM (conservation)



➤ **EACH LECTURE**

- Concepts
- Definitions
- Specific case studies/literature--- where appropriate

BIOLOGY 329: Course content – Note

1. Missed Tests – If you miss (or know beforehand that you will be missing) a test because of illness, accident, family affliction, or commitments as a UVic athlete, you are required to me in a timely manner after the test (within ten calendar days). You are required to provide supporting documentation (example: a doctor's note, etc.) Documentation for such an absence will not normally be accepted beyond the ten calendar days and will result in a mark of zero. Except in the case of a missed final exam, all paperwork and any special arrangements for an absence must be completed by the last day of classes.

Please note that the Biology department does not offer supplemental final exams.

The convention used for grades is as follows:

A+ (90-100), A (85-89.9), A- (80-84.9), B+ (75-79.9), B (70-74.9), B- (65-69.9), C+ (60-64.9), C (55-59.9), D (50-54.9), F (0-49.9)

Preventing plagiarism and cheating - Please read UVic's policy on academic integrity: <http://web.uvic.ca/calendar2011/GRAD/FARe/AcIn.html>