BIOLOGY 329 January 2017 (20331) Biology of the Vertebrates of British Columbia

 Instructor: Dr. T. E. Reimchen, Office: Cunn 056 Lectures: Tues, Wed, Fri 1330-1420, Cornett B108

 Lab. Coordinator: Dr. N. Winchester, Ph. 721-7099, winchest@uvic.ca, Labs: Cunn 228

D. Marques

Lecture Outline

Major themes, classification, conservation categories Geological timetable and the origin of the Tetrapods Sampling methodologies Amphibians: evolution, life history, biomechanics BC issues: species diversity, distribution, conservation

Reptiles: evolution and natural history BC issues: species diversity, distribution, conservation

Birds: evolution, natural history, flight, vision, hearing, foraging BC issues: species diversity, seabird life histories, raptors, conservation

Mammals: evolution, natural history BC issues: species diversity, terrestrial predators, Spirit Bears cetaceans, marine-terrestrial interactions, conservation

Pleistocene glaciations and the post-glacial colonization of BC

Alien vertebrates of BC

• Marks an	d grades:	
	»	MARKS
Lecture exams: Mid-term (Feb 17)		20%
•	Final (TBA)	30%
Laboratory		
Midterm:	Biodiversity – written exam (closed book)	5%
Midterm:	Identification – open book	20%
Final:	Biodiversity – written exam (closed book) 6%	
Final:	Identification – open book	15%
There will be a series of 5-8 scheduled field trips.		4%
You are expe	ected to participate in a minimum of 2 of these tri	ps.

Note: The lecture and the lab material covered in the first part of the course will be examined on the mid-term exams. The lecture and lab material covered in the second part of the course will be examined in the final exams.

Students not wanting their marks posted using ID# (last 5 digits) should notify me at the beginning of the term. It is the student's responsibility to meet the ADD/DROP dates from the UVic calendar. Students are responsible for Checking their own records and registration status, available via WebView (www:uvic.ca/reco). A supplementary exam is not permitted for those who get less than 50% in the course. Deferred exams will be offered only for medical issues. Students receiving less than 45% on the final lecture exam receive a failing grade for the course.

"UVic is committed to promoting, providing and protecting a supportive and safe learning and working environment for all its members".

BIOLOGY 329 -LAB SCHEDULE- SPRING 2017

WEEK OF	TOPIC	
January 2	NO LABS	
January 9	Biodiversity of Birds 1 – Loons-Ducks	
January 16	Biodiversity of Birds 2 – Birds of Prey-Cranes	
January 23	Biodiversity of Birds 3 – Shorebirds-Alcids	
January 30	Biodiversity of Birds 4 – Pigeons-Woodpeckers Biodiversity Midterm Quiz	
February 6	Midterm Exam – Identification Biodiversity	
February 13	Reading Break – No Labs	
February 20	Biodiversity of Birds 5 – Perching Birds Part 1	
February 27	Biodiversity of Birds 6 – Perching Birds Part 2	
March 6	Biodiversity of Small Mammals	
March 13	Biodiversity of Large Mammals and Biodiversity final Quiz	
March 20	Final Exam - Identification	
March 27	Hand back final exams	

NOTE: Amphibians and Reptiles will be a module component in the first 3 labs.