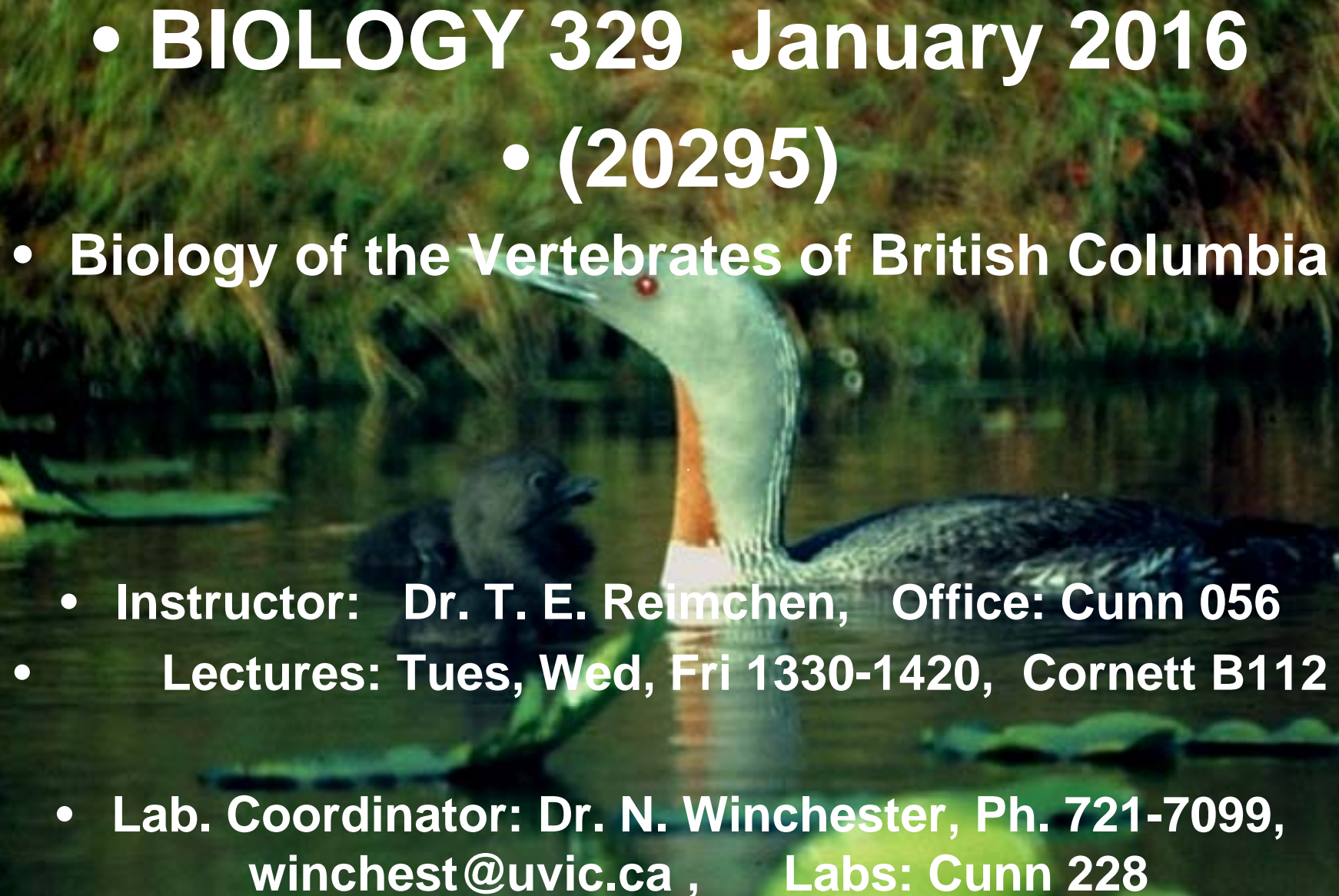


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- **BIOLOGY 329 January 2016**
 - **(20295)**
 - **Biology of the Vertebrates of British Columbia**
 - **Instructor: Dr. T. E. Reimchen, Office: Cunn 056**
 - **Lectures: Tues, Wed, Fri 1330-1420, Cornett B112**
 - **Lab. Coordinator: Dr. N. Winchester, Ph. 721-7099,
winchest@uvic.ca , Labs: Cunn 228**

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 Bear, cetaceans, marine-terrestrial interactions, conservation

Pleistocene glaciations and the post-glacial colonization of BC

Alien vertebrates of BC

- **Marks and grades***: 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.

MARKS

•	Lecture exams: Mid-term (Feb 16)	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 expected to participate in 2 of these trips.	

Note: 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 40% 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-2016

LAB#	WEEK OF	TOPIC
1	Jan. 11	Biodiversity of Birds 1 – Loons-Ducks
2	Jan. 18	Biodiversity of Birds 2 – Birds of Prey-Cranes
3	Jan. 25	Biodiversity of Birds 3 – Shorebirds-Alcids
4	Feb. 1	Biodiversity of Birds 4 – Pigeons-Woodpeckers
		Biodiversity Mid term Exam
5	Feb. 8	Reading Break – No Labs
6	Feb. 15	Mid term Exam – Identification
7	Feb. 22	Biodiversity of Birds 5 – Perching Birds Part 1
8	Feb 29	Biodiversity of Birds 6 – Perching Birds Part 2
9	March 7	Biodiversity of Small Mammals
10	March 14	Biodiversity of Large Mammals
		Biodiversity final exam
11	March 21.....	Final Exam – Identification
12	March 28	Hand back final exams

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

There will be a series of 5-8 scheduled field trips. You are expected to participate in 2 of these trips.