See NYU CLASSES site for schedule of readings

NYU. Meet in TBA SILVER. 10:30 am. Course plan; Grinnell Method of field journal writing; format of a scientific paper and science writing; introduction to bird/plant identification; bird vocalizations; field survey methods [bird point-counts and circular plots for veg surveys]; pacing exercise. Quiz at Central Park on 8 sections of the field journal, tree id points, bird id points. HW: bird features worksheet due at CP. Assign survey teams. Assign ten bird songs for study. At end of today’s meeting there will be a tutorial for making graphs in Excel and basic statistics for those that have not done this type of work before. Bring your computer if you will be participating in this activity.

American Museum of Natural History (AMNH), New York City. Take C train to 81 St. Halls close unexpectedly…good luck. You will work in the Hall of NA Forests (floor 1) and Hall of NA Birds (floor 3). Concepts: Intro to forest and bird communities. Work independently and at your own pace. KEEP YOUR TICKET AND SUBMIT TO ME WITH YOUR COMPLETED WORKSHEET which is due next week. You can go any time and any day but I will be there from 10:30-1:30 on this day.

Central Park in WINTER. Take C train to 81 St. Meet me at 10:30 am on the front steps of AMNH on Central Park W. near the big green horse statue. (north of 77th Street). We will enter park at 81 St. and begin at Turtle Pond. Concepts: winter ecology. Journal due next week. QUIZ TODAY.

Central Park regional bird survey. 10:30-1:30. Teams meet at various locations: CPW @ 59, 72, 81, 103 Streets. Written report in format of scientific paper due in 2 weeks.

no class (teams can meet independently to prepare reports and presentations)

Meet at NYU in TBA SILVER at 10:30 AM. Bird song quiz today. Team presentations of Central Park point-count regional bird survey: INTRO, METHODS, RESULTS, DISCUSSION. Assign ten new bird songs. Preview of biodiversity calculations and vegetation structural complexity calculations and basic statistics (correlation coefficients, p values, etc.).

NO CLASS spring break

NO CLASS spring break

NO CLASS HOLIDAY WEEKEND

Biodiversity on a NYC rooftop. Meet me at 10:30 am (site TBA). Bring your computer for Excel calcs.

Central Park in Spring. Take C train to 81 St. Meet me at 10:30 am on the front steps of the AMNH on Central Park W. near the big green horse statue. (north of 77th Street). We will enter park at 81 St & go to Turtle Pond. Concepts: bird diversity in relation to vegetation structure. No journal. Do correlations worksheet instead. Due via email next week.

New York Botanical Garden, Bronx, NY. Meet me at the Conservatory Gate near the gift shop at 9:30 am sharp. General admission is free if you enter before 10 am on Saturdays. This garden is in the BRONX. I will bring the worksheet sheet from our webpage. www.NYBG.org Worksheet due today.

INDY PROJECT 10:30 to 1:30 (This is one of the journals.) HOLIDAY WEEKEND – date is flexible.


NYU. Meet in TBA SILVER at 10:30 am. MIGRATION. PLANT/BIRD/BIRD SONG practical exam.

Final EXAM Part 2 (reading synthesis). 2 hrs

BRF class starts
BE SURE TO VISIT NYU CLASSES FOR ANNOUNCEMENTS, READINGS AND OTHER RESOURCES.

All trips are mandatory. Missed trips and the associated work are entered into the average as a zero. Work must be submitted by the announced due-date or 5 points off per day.

If you are ill, please call me the night before so that we do not wait for you.

You will have to pay for your own subway rides. You will have to pay admission to the museum; this is a suggested admission and can be as little or as much as you wish.

Required books:

Eastern Birds by RT Peterson or some equivalent eastern bird guide
New York City Trees by Barnard or some equivalent eastern tree guide

Grading, exams, presentations, etc:

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*There are readings assigned for each trip. You must submit a summary paragraph for each reading. They are due the day of the trip the readings are assigned for. These must be submitted on time.

EMAIL your reading responses to me at ecoreadings@gmail.com

Cut and paste the text into the body of the email...no attachments.

ALSO: identify you and your work in the subject heading of the email, for example:
Maenza-Gmelch class 1 readings.