LOCAL FLORA (BIOL 272)

Instructor: Alan Weakley (email: weakley@unc.edu; office Coker Hall 419)
Teaching Assistants: Derick Poindexter (email: dpoindex@live.unc.edu; office Coker Hall 401)
Credit Hours: 4
Office hours: By appointment.

Version
2017 First Summer Session.

Course Schedule
Lecture: MTWThF: 9:45-11:15 (Wilson 202)
Lab: MTTh: 11:45-2:30 (Wilson 140, or in the field)
Detailed schedule posted as spreadsheet
Final Exam: June 21, 8-11 a.m.

Course Purposes
• Understand the diversity and evolution of plants
• Recognize native (and some alien) plants of North Carolina (especially the Piedmont), understand their ecology, economic importance, and conservation challenges
• Look at plants – learn to see and describe their details; learn plant structures needed to identify plants, and some specialized terminology that describes those structures
• Identify plants using books and online tools (a skill to last a lifetime); use “keys” and other identification tools to aid in the identification of plants
• Make “citizen science” observations of plants on campus and nearby, identifying plants, confirming the identifications of others, and adding to data on our local UNC and Triangle flora
• Learn about the biogeography, forest types, and plant diversity of North Carolina
• Appreciate conservation needs of the North Carolina flora
• Plants we eat and wear – what are they and where do they come from?
**Course Texts**
Weakley, Ludwig, & Townsend (2013) *Flora of Virginia*
Optional (available later in the course): [Weakley & Lee (2017) FloraQuest (an iOS app) – available in the Apple Store]

**Assignments and Grading**
Lecture exams (45%): These are a mixture of short answer, long answer, multiple choice, matching.
   Midterm 20%
   Final 25% (cumulative, sort of)
Lab quizzes (30%):
   4 quizzes on recognition and identification of 100-110 plant species (5%, 5%, 5%, 7%)
   1 FloraQuest (“scavenger hunt”), working in teams to find examples of 75 plant features! (8%)
Citizen Science Project (20%): Make observations of native and naturalized plants in iNaturalist and identify and comment on others’ observations. Write a short reflection on the experience.
“Plants you ate and drank in a day” log (5%)

**Course policies**
**Office hours and availability**
The TA is the first option for meeting about any issues, but I am also available. I am usually available immediately following class to talk with you or to schedule appointments. For longer meetings, it’s usually best for us to schedule an appointment. Email is the best way to contact me to schedule appointments, ask questions, let me know about an absence, etc. I check email regularly during weekdays and early evenings, and I can usually respond to you within a few hours (often sooner). While I cannot guarantee a reply late at night or over the weekend, I am usually able to respond within 24 hours. If I know I will be unavailable by email on a particular weekend, I will notify the class in advance.

**Participation and attendance**
Attendance for all tests and quizzes is mandatory, and can only be made up if formally excused. Attendance in class and labs is strongly encouraged, but not mandatory; note, however, that non-attendance is strongly correlated with lower grades. Attendance and general involvement with the class is also used as a basis for any tweaking of your final grade.

**Late work**
This applies realistically only to the Project. 20% deduction per day.

**Plagiarism**
Carefully review UNC policies on plagiarism. This will mainly pertain to your individual project. We will carefully scrutinize these papers for signs of plagiarism, and will report plagiarism if found.