**Bio 2537, Introduction in vegetables: of the biodiversity to the biotechnology**

**Report of biodiversity**

To experience the scientific writing and the use of literature revised by the peers, you have to write a report of two pages on a botanical species, seaweed, mushroom, bacterium or virus of interest (see lower; for the species of mushrooms, virus and bacteria, has there to have a link with the bodies photosynthetic eucaryotes). Prepare a report of two pages by using at least four articles scientific as references. In the first part, which counts for at least half of your report (in other words, a page of text), describe in detail this species in its aspect of interest. Among examples of species of interest, we count the intrusive species, the endangered or vulnerable species, the medicinal species, the species producing chemical substances of pharmaceutical interest either nutraceutique, the original edible plants, the plants genetically modified by biotechnological interest, or any other unique or uncommon species. Your report has to lean on references of the scientific literature, which you will have read, which are found in scientific journals or sometimes books. You will have easily access to this scientific literature because most of the scientific journals and numerous books are now on-line. You can easily obtain PDF versions of this literature free of charge by the intervention of the library by making simple searches by keywords or on Google (if the library is subscribed to a magazine, you should be able to obtain a copy PDF of an article if you connect to the waiter of the university on the campus. The second part of your report is a profile of biodiversity, a description of the species in its aspects other than those approached on the first part of your report. This section should include of the information about the species chosen as each of the following themes: its taxonomic memberships, its life cycle (in brief), its housing environment and its ecology (or its culture and its distribution in the case of cultivated species). This section constitutes the other 50 % (or the second page) of your report.

**Notes on the format:**

When you submit an article for publication in a scientific journal, you have to follow a specific format. Your report should be formatted in police Times New Roman of size 12, simple line spacing, with margins of 2,54 cms (1 inch). In the front page, place the title, your name and student's number, the image or the figure representing the body of interest, a brief summary of the contents of your report (some sentences) and a series of 6 keywords at the foot of the page which summarize the contents of the report (p. eg; Keywords: Sedge, Cypéracées, phylogénie, matK, DNA, biegéographie). The second and the third page contain both sections of your report such as described higher. The fourth (and the fifth so necessary page) contains the bibliography. Place this title at the top of the fourth page, and then enumerate your references.

You should include some small diagrams or images inside the so available and suited report (quote the source). These figures have to have a title, which describes that they represent, and to be quoted in the text as Figure 1, Figure 2, or Figure 1 and 2 if you refer to several figures in the same sentence. Use subtitles for the various sections of your text. When you quote references in the text, use the format Author (Year) used in most of the scientific journals (no footnotes nor numbers). For example, an author = Starr (2016) or (Starr 2016); two authors = Starr and Léveillé-Bourret (2016) or (Starr and Léveillé-Bourret 2016); three authors or more = Starr and al. (2016) Or (Starr and al. 2016).

For my interest, please attach a copy of the front page of both references which you the most liked using in the preparation of your report.