Rapport - Article scientifique

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lepidopteres | communautés | variation temporelle | variation spatiale

A. Nos questions de recherche.

A.1. Question principale :. Quels sont les changements de la composition et l'abondance des espèces de lépidoptères dans le temps et dans l'espace ?

A.2. Variation temporelle :. Comment la composition des communautés de lépidoptères a-t-elle évolué au fil des années dans un site donné ?

A.3. Variation spatiale :. Comment la composition et l'abondance des communautés de lépidoptères varient-elles selon les différentes localisations géographiques ?

À faire : 1. changer les noms de colonnes de la table de données brutes pour que ca soit plus compréhensible 2. ajouter des étapes dans la fonction nettoyage_data : pour enlever TXX:XX:XX de dwc_event_date et ajuster ca dans verification_data 3. S'assurer que obs_value réfère à quelque chose en particulier (presence, abondance, et ajuster les données de ca, ex. 11 111) 4. Dans la table secondaire date, voir à ce que chaque ligne soit unique (ex. site de 1 à 10 (donc de 10 lignes de combinaison de lat et lon unique) et dans table primaire à site_id on retrouverait chaque ligne avec 1 à 10) 5. Dans la table primaire on aurait les colonnes : nom_scientifique (observed_scientific_name), date (dwc_event_date), abondance (obs_value en filtrant seulement pour abundance dans obs_variable) et site_id et ? 6. Changer le nom de certains targets (ex. data_final et ULTIME_database)

Updates: 2. réglé dans la fonction type_colone, rete en characters 3. problème de 11111 réglé

À faire cette semaine (jusqu'à mardi soir 8 avril) : -Corriger l'étape 2 de ''À faire" -Revoir le 11 111, qu'est ce qu'on fait avec et qu'est-ce qu'on fait avec l'abondance dans nos analyses? -Clairer le site_id (faire le df pour le site_id) -Injecter les données -S'assurer que SQL et targets fonctionnent (et que le MarkDown aussi) -Ajouter une ligne de retrait de base de données lepido dans le script de SQL -Identifier clairement nos questions de recherches -Penser à ce qu'on veut présenter comme figures -Commencer à écrire le texte dans le Rapport -Il faudrait vraiment créer des sous-dossiers dans notre dossier de projet ProjetBIO_500 et mieux structurer tout ca, ca va aider à faire la dépendance du Rapport.Rmd dans le pipeline des targets! Pour ca, on devrait se baser sur le code par après que le prof nous a fourni pour compiler le RMarkDown dans targets.

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Fig. 1. Placeholder image of a frog with a long example caption to show justification setting.

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Figure

$$fig : frog$$

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$$eqn : example$$

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$$\begin{aligned}(x+y)^3 &= (x+y)(x+y)^2 \\ &= (x+y)(x^2+2xy+y^2) \\ &= x^3+3x^2y+3xy^3+x^3.\end{aligned}$$

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