

# Rapport - Article scientifique

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Please provide an abstract of no more than 250 words in a single paragraph. Abstracts should explain to the general reader the major contributions of the article. References in the abstract must be cited in full within the abstract itself and cited in the text.

lepidopteres | communautés | variation temporelle | variation spatiale

Le rapport doit contenir :  
3 figures Un titre et un résumé Une courte introduction  
spécifiant les questions Une courte description de la méthode  
et des résultats Une discussion, enrichie de citations provenant  
de la littérature scientifique Références interne aux figures et  
à la bibliographie L'ensemble du texte doit faire 1000-1500  
mots max Une bibliographie

## A. Nos questions de recherche.

**A.1. Question principale .:** Quels sont les changements dans la biodiversité des espèces de lépidoptères dans le temps et dans l'espace au Québec ?

###Questions spécifiques (1 sur la variation temporelle et 2 sur la variation temporelle+spatiale) : ### **Variation temporelle** : Analyse 1 : Comment la diversité des espèces de lépidoptères a-t-elle évolué au fil des années?

###**Variation temporelle et spatiale** : Analyse 2 : Comment la diversité et la répartition des espèces de lépidoptères a-t-elle évolué au fil des années? Analyse 3 : Comment la répartition de *Papilio canadensis* change dans le temps et l'espace?

Please start your introduction without including the word "Introduction" as a section heading; this heading is implied in the first paragraphs.

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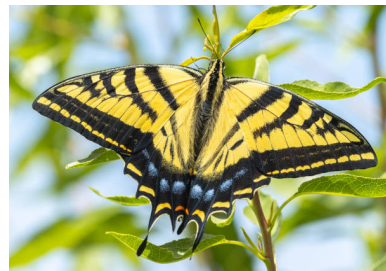


Fig. 1. Photo de *Papilio canadensis* observé dans son habitat naturel.

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**Data Archival.** Présenter ici la biologie de l'espèce rapidement et de combien de données ont a utilisés pour créer le graphique. Avec références bibliographiques.

**Language-Editing Services.** ![Variation du nombre d'espèces de lépidoptères au Québec en fonction du temps.] #ajouter une png ou jpg de notre graphique

![Répartition de *Papilio canadensis* au Québec au fil des années.] #ajouter une png ou jpg de notre figure obtenue

Dans cette section, nous analysons l'évolution de la biodiversité des lépidoptères au fil du temps à travers plusieurs visualisations. Nous allons créer des cartes et des graphiques pour observer les variations et tendances.

## Significance Statement

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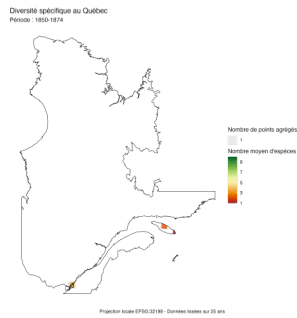


Fig. 2. Variation des espèces de lépidoptères au Québec au fil des années.

**B. Visualisation des données.** Les graphiques ci-dessous montrent l'évolution de la biodiversité des lépidoptères pour différentes périodes et critères. Nous avons créé six graphiques pour illustrer les tendances dans les données des lépidoptères.

### C. Fusionner les cartes .:

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Figure

*fig : frog*

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

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**ACKNOWLEDGMENTS.** Please include your acknowledgments here, set in a single paragraph. Please do not include any acknowledgments in the Supporting Information, or anywhere else in the manuscript.

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