Abstract

Plant-pollinator interactions are fundamental to the functioning and stability of many ecosystems. These interactions not only drive the reproduction of a wide range of plant species but also support the biodiversity of ecosystems by facilitating plant diversity and enabling various trophic levels to thrive. This manuscript explores the role of plant-pollinator interactions in maintaining ecosystem stability, focusing on how these interactions contribute to ecosystem services such as food production, genetic diversity, and habitat creation. The decline in pollinator $[][]^{i}|adi] \cdot ha^* \wedge [habitat (habitat habitat habitat habitat habitat creation) and the sustainability of many ecosystem services. We review the mechanisms by which <math display="inline">]|a|adi[]|abitat habitat habit$

Keywords:		a	-	a	e a		E	e ab	;B 1-
e	e;E	e	e	e ;	а	¶le	e; C	e a	a ei e
Introduction									
	а		e	f e		a e	4	aee ,b¶,	⁹ le ⁹ l
ь	alee		f	- j a	,			,b ¹,	aa,
a	1 1 1	. A	3	e e	, е	, a	а	bee , b	еe,
а	l e ae	e			a a	lee	P	а	fa

13 e а ŝ а e Ь e a а ρ e e - 2 а e e e fa ρ ٩ e b e ab ĥ f eb ah e e а e а ١, h e 1 f f e e . 6 1 æ а а

fe efe e đ eab fa e l e e ba e e e a e ρ Ϊæ f а ĥ e а а e e 5 а а а a e а e e a e e f a e e e a 1 e а e le e e, e e e a ea а e А ea e. a ٦. fa e e e а e e e а ea e e eb e e e а e e а 4 а le e e ¢b ea а a а e e e а e e a 1 a e e e e e 1 f e f b ρ а ĺе e e e Ta e le e a f e а а e а 3 e e • а а е а ea

Materials and Methods

1 ela e e f Ïе a 1 e e e e ٩ e a e f f e а а 1 莳 1 ¹le a a e e f a a *****- e 📢 . Da a f e a e e æ a ¹ e ¹bae¹ 1e 4 ₿ a e e a a e l а e e

*Corresponding author: Marisa Martini, Department of Agricultural Research, University of Toronto, Canada, E-mail: marisa.m@martini.com

Received: 01-Nov-2024, Manuscript No. jpgb-24-152827; Editor assigned: 04-Nov-2024, Pre QC No. jpgb-24-152827 (PQ); Reviewed: 13-Nov-2024, QC No. jpgb-24-152827, Revised: 20-Nov-2024, Manuscript No. jpgb-24-152827 (R); Published: 27-Nov-2024, DOI: 10.4172/jpgb.1000244

Citation: Marisa M (2024) Plant-Pollinator Interactions and Ecosystem Stability. J Plant Genet Breed 8: 244.

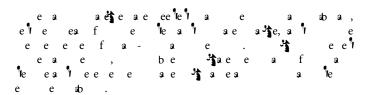
Copyright: © 2024 Marisa M. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

٩ ٩ e 1e e e ea e a e e ba e **T**7 e e 1 1 ٦ а e ea e e а e e а a e e e e e ρ e 1 e f a e e e e ь e e e а 1 1 e e e e ea e ĩЬ а а а e **5**8 e le e a e а а e e e e l e le e e а а а e еľ а e а e a e ρ а е f ere ab a e e ¶e e l e а e e e а e , ea 1 🕇 еľ e 1 Ь e e а а ee e e a ea e 1 e a e e a e le e ١ a e e Ь e ea еa ١ a а æ

٩ le f e ρ а e f а e e 4 а e a а а e æ e f а e а e e e e а а 1 e 4 b ¢ e а f а e e f а e e e а hе a e 9 ٩ e e e b e а e 7 e e а a e а le et а ea а а e ρ a e e eb e e ŀ e. а 3 а fa e f άŝ ρ e ĥ а e e e a е¶ ٩ еÏ e f е, f а е е а e e e aebaee e e l ł e e а e le a e e а а e a ٩. æ а , a ab e e а **1**0 . C e a e 9 -f f ea a e e e а 1 Ъа at b а а

Conclusion

1 e f 4 a а e e а а ٩ æ f e e e a e e e ٩ 3 b e а e e. e 7 le e а e e а a ea e . Г ah: а e а ab f а а e 1 e afe а e e e e a а e e e ea e e



Acknowledgment

e

Conflict of Interest

e

References

- Umamaheswari M, Chatterjee TK (2008) In vitro antioxidant activities of the fractions of *Coccinia grandis* L. leaf extract. Afri J Trade, Complement Alter Med 5: 61-73.
- Raje VN, Yadav AV, Shelar PA (2013) Coccinia grandis-A Phytopharmacological Review. Res J pharm Phytochem 5: 9-14.
- 3. Evans WC (2002) Trease and Evans Pharmacognosy. WB Saunders, Edinburgh.
- 4. Allah MOW, Alrasheid AA, Elamin ES (2019) In vitro and in vivo studies of æ}ciâiæà∧ci&i ∧ ∧&ci [-↓ \@æˆæi •^}^*æ|^}•i•↓|^æç^•iæ}åi àæ¦\i ∧¢ciæ&c•. Inter J Pharmacol Toxic 7: 12-16
- Shimada K, Fujikawa K, Yahara K, Nakamura T (1992) Antioxidative properties of xanthan on the antioxidation of soybean oil in cyclodextrin emulsion. J Agric Food Chem 40: 945-8.
- Priyanka P, Gautam SP, Kanwar K, Sharma D, Singh N, et al. (2003) A Review on Herbal Drugs Used for the Treatment of Diabetes Mellitus. Inter J pharm & Drug Ana 5: 67-76.
- 7. Putta S, Yarla NS, Kilari EK, Surekha C, Aliev G, et al. (2016) Therapeutic potentials of triterpenes in diabetes and its associated complications