



Short Communication

Stamps as a cultural value related to the biodiversity of insects

Paola Turienzo*

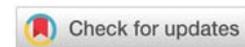
Black River Bariloche, School of Agricultural Production, National University of Rio Negro, Andean Headquarters, Argentina

Received: 05 October, 2020
Accepted: 15 May, 2023
Published: 16 May, 2023

*Corresponding author: Paola Turienzo, Black River Bariloche, School of Agricultural Production, National University of Rio Negro, Andean Headquarters, Argentina, E-mail: pturienzo@unrn.edu.ar

Copyright License: © 2023 Turienzo P. 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.

<https://www.peertechzpublications.com>



Biodiversity has been studied by many specialists and is the same as the terminology “biological diversity” with more than 1.8 million species with Latin name (Scientific name). The insects as a big group have between 751.000 to 950.000 species [1]. Recently, with molecular characterization, some groups get a different point of view [2-4]. This biodiversity could be found by orders [5] in the real world and in the cultural world like stamps [6]. Insects in stamps have been studied by many scientists around the world, with different points of view. This aspect is one of the ethnoentomological studies and is called Entomophilately. In the last years, many studies related to insects biodiversity in stamps has been published principally on Lepidoptera and Coleoptera, in some cases, in some minority groups and special species as some Coleoptera from

caves [6-17]. Most of these works were related to biodiversity richness and are important to reflect the cultural significance of countries to show to other parts of the world.

From a formal education point of view, postage stamps have been used to inform the teaching of entomology [18].

This little note has the intention to awaken the intellectual curiosity of entomologists or the general public who may be interested in the study of insects, their diversity, and their significance, in postage stamps. (This work was written in times of pandemic when could be appropriated. In the middle, an interesting work appears about this theme [19].





References

- Pascual Trillo JA. The loss of biodiversity. In: Terrestrial systems and their environmental implications. Ministry of Education and Science (Summer Classrooms, El Escorial). 2003; 205-222.
- Islam SU, Qasim M, Lin W, Islam W, Arif M, Ali H, Du Z, Wu Z. Genetic interaction and diversity of the families Libellulidae and Gomphidae through COI gene from China and Pakistan. *Acta Trop.* 2018 Jun;182:92-99. doi: 10.1016/j.actatropica.2018.02.016. Epub 2018 Feb 15. PMID: 29454732.
- Islam SU, Qasim M, Ali H, Islam W, Arif M, Dash CK, Lin W, Du Z, Wu Z. Genetic diversity of the families Aeshnidae, Gomphidae and Libellulidae through COI gene from South China. *Acta Trop.* 2018 Sep;185:273-279. doi: 10.1016/j.actatropica.2018.06.004. Epub 2018 Jun 8. PMID: 29890154.
- Munawar K, Saleh A, Afzal M, Qasim M, Khan KA, Zafar MI, Khater EI. Molecular characterization and phylogenetic analysis of anopheline (Anophelinae: Culicidae) mosquitoes of the Oriental and Afrotropical Zoogeographic zones in Saudi Arabia. *Acta Trop.* 2020 Jul;207:105494. doi: 10.1016/j.actatropica.2020.105494. Epub 2020 Apr 21. PMID: 32330453.
- Melic A, Ribera I. biological chronodiversity. *Aragonese Entomological Society Bulletin.* 1996; 16:189-206.
- Palacios-Vargas JG, Navarrete-Heredia JL. Entomophilately, an aspect of cultural Entomology. In: Biodiversity, taxonomy and biogeography of arthropods from Mexico: Towards a synthesis of their knowledge. Conabio-Unam. 2003; 3:107-115.
- Costa Neto EM. Entomophilately: Insects in philatelic art. *Bioikos.* 2002; 16(1/2): 61-67.
- Gómez Y, Gómez B, Junghans C. The Scaraboideae (Insecta: Coleoptera) in philately. *biodiversity notebooks,* 2002; 10-14.
- Mendoza Ramírez M, Pacheco Rueda I, Sarmiento Cordero MA, Zurita García ML. Entomophilately in Mexico: tribute to the friendship of insects. *Aragonese Entomological Society.* 2006; 38: 443-449.
- Palacios-Vargas JG. Entomofilatelia: Postage stamps with insects and other arthropods in the world. In: Navarrete-Heredia, J.L., G. Castaño Meneses & G.A. Quiroz-Rocha (Eds.). *Facets of Science: Essays on Cultural Entomology.* University of Guadalajara. 2011; 15-16.
- Ocampo FC. Argentine Entomological Stamps. *Sea Newsletter.* 2012; 23 (1): 8-9.
- Turienzo P, Alves Carneiro W. Insects of the family Carabidae (Ground Beetles) in world philately. *biological.* 2014; 17: 77-78.
- Gómez B, Domínguez MR, Junghans C. Cockroaches (Blattodea) represented on postage stamps (entomophilately). In: Castaño-Meneses, G. & J.L. Navarrete-Heredia (coords.) *Advances in Mexican Cultural Entomology UNAM-CUCB: University of Guadalajara.* 2015; 77-82.
- Turienzo P. Bioespeleofilatelia: Clivina subterranea (Coleoptera: Carabidae). *EspeleoAr,* 2018a ;18: 15-16.
- Rapauch MJ. Endeless forms most beautiful-Ground beetles (Coleoptera, Carabidae) on postal stamps. *Angewandte Carabidologie.* 2018; 12:29-35.
- Hernández-Baltazar E, Gómez B. Mantodea in philately (Insecta: Dictyoptera). *Dugesian.* 2019; 26(2):71-76.
- López-Díaz JA, Gómez B. Los Odonata (Insecta) in entomophilately. *Dugesiana.* 2020; 27(1): 3-10.
- Turienzo P. The teaching of entomology through postage stamps as a didactic resource. *idea.* 2018b; 36(3): 119-129.
- Nazari V. Taxonomy at Face Value: An assessment of entomological postage stamps as effective teaching aids for science educators. *Research Ideas and Outcomes.* 2021; 7: e68056.

Discover a bigger Impact and Visibility of your article publication with Peertechz Publications

Highlights

- ❖ Signatory publisher of ORCID
- ❖ Signatory Publisher of DORA (San Francisco Declaration on Research Assessment)
- ❖ Articles archived in worlds' renowned service providers such as Portico, CNKI, AGRIS, TDNet, Base (Bielefeld University Library), CrossRef, Scilit, J-Gate etc.
- ❖ Journals indexed in ICMJE, SHERPA/ROMEO, Google Scholar etc.
- ❖ OAI-PMH (Open Archives Initiative Protocol for Metadata Harvesting)
- ❖ Dedicated Editorial Board for every journal
- ❖ Accurate and rapid peer-review process
- ❖ Increased citations of published articles through promotions
- ❖ Reduced timeline for article publication

Submit your articles and experience a new surge in publication services (<https://www.peertechz.com/submission>).

Peertechz journals wishes everlasting success in your every endeavours.