

Transactions NAST PHL; <https://transactions.nast.ph/>

Transactions of the National Academy of Science and Technology (ISSN 0115-8848 (print); ISSN 2815-2042 (online)) has been published by the National Academy of Science and Technology Philippines (NAST PHL) since 1979. **Transactions NAST PHL** has traditionally published papers presented during the Academy's Annual Scientific Meeting to promote science-based policy discussions of and recommendations on timely and relevant national issues as part of its functions as a national science academy.

Starting with Volume 43 (2021), this journal has been open to contributions from the global scientific community in all fields—agricultural sciences, biological sciences, engineering science and technology, health sciences, mathematical and physical sciences and social sciences. The types of papers this journal will publish include the following: plenary papers presented at NAST PHL Annual Scientific Meetings, perspectives/commentaries, original articles, review articles with policy/action recommendations, feature articles, brief reports, and auto/biographical essays of members of NAST PHL and other outstanding men and women of science. All contributed papers will be subjected to double-blind peer review.

FORMAT FOR PAPERS SUBMITTED TO THE NAST PHL TRANSACTIONS

I. Types of Papers: Plenary Papers presented at NAST PHL Annual Scientific Meetings, Original Articles, Review Articles, Feature Articles, Brief Reports, Perspectives, Commentaries, and autobiographical and biographical Essays of outstanding Filipino scientists
A commentary is like an editorial or opinion piece, should be about 1000-1500 words, 1 table or figure, with up to 5 references and can have one or two authors.

II. Paper/Manuscript Format and Length

Margin: 1 inch on all sides

Spacing: double space throughout the paper

Font: 12 points, Calibri or Times New Roman

Line numbering: continuous

35 pages maximum, including tables and figures (For original and review articles)

20 pages maximum, including figures and tables for Feature Articles, Autobiographical or biographical Essays of outstanding Filipino scientists

15 pages maximum, including tables and figures for Brief Reports, Perspective

III. ORDER AND STYLE/FORMAT IN THE MANUSCRIPT

Title Page:

Full title (First Letter of Each Word Cap)

Authors' names (superscript after name to denote affiliation)

Authors' affiliation (superscript in front of affiliation)

Corresponding author: email address

Abstract:

A single paragraph, maximum of 250 words; should include 1-2 sentences introduction, objectives of the paper, research methods, findings, and conclusion. No citations are allowed in the Abstract

Perspective articles, commentaries, and biographical essays may not follow the following parts. For ease in reading, headings and subheadings are suggested.

Headings:

INTRODUCTION

MATERIALS AND METHODS (Not applicable for Review Articles, Commentaries, Feature articles, auto/biographical essays)

RESULTS AND DISCUSSION (discussion separate from results is acceptable)

CONCLUSION

Subheadings for MM and RD can be First letter only is cap; e.g.

MATERIALS AND METHODS

Materials used and their sources

Acknowledgements:

To give credit to those who have contributed to the research project, e.g., funding agency, co-workers, collaborators, etc.

Contributions of authors: (specific contributions)

Disclosure of conflict or competing interest:

Permits obtained:

Additional information: state where and link, if any:

References Cited

To be sure that all references cited in the manuscript are reflected in the References Cited, it is recommended that the authors make a list of the cited authors (year) per page and then, rearrange them in alphabetical order using the Sort function of the computer. From this list, the Reference Cited list can be made.

List of Tables**List of Figures**

Table 1, 2, 3 etc

Figure 1, Figure 2, Figure 3 etc

IV. FORMAT FOR CITATIONS

Citations within the text

The author can be named within the text and this is followed by the year of publication.

If single author, (Cruz 2020).

Two authors (Cruz and dela Cruz 2020).

More than two authors (Cruz et al. 2020)

e.g.,

Genetic analyses of the abaca germplasm was done by Yllano et al. (2020).

Genetic analyses of the abaca germplasm (Yllano et al. 2020) and the *Saba* germplasm (dela Cruz et al. 2020)...

The cited references are listed alphabetically in References Cited.

References Cited

Please include the DOI when available.

1. Books

Frankham R, Ballou J, Briscoe D. 2010. Introduction to Conservation Genetics. 2nd ed. Cambridge University Press, Cambridge, UK. 618 p.

2. Chapter in a book

Last name Initial(s). Year. Title of chapter. In: Last name Initial(s) (ed). Title of Book. Publisher. Inclusive pages.

Maslog CM. 2013. Gelia T. Castillo. International social scientist. In: Tecson-Mendoza EM (ed) Filipino Trailblazers in Science. National Academy of Science and Technology PHL, Manila. p.1-23.

3. Journal articles

Last name initial(s). Year. Title of article. Journal Title Official Abbrev. Volume (Issue), pages.

Azanza RV, Escalona KS, and Largo DB. 2022. A sustainable and inclusive blue economy for the Philippine archipelago. Transactions NAST PHL 44.

<http://doi.org/10.57043/transnastphl.2022.2564>

Dayrit FM. 2022. Circular plastics economy: Redesigning technology and reimagining society. Transactions NAST PHL 44. <http://doi.org/10.57043/transnastphl.2022.2570>

Dice LR. 1945. Measures of the amount of ecologic association between species. Ecol 26: 297-302.

Yllano OB, Diaz MGQ, Lalusin AG, Laurena AC, Tecson-Mendoza EM. 2020. Genetic analyses of abaca (*Musa textilis* Née) germplasm from its primary center of origin, the Philippines, using simple sequence repeat (SSR) markers. 2020. *Philippine Agricultural Scientist* 103: 311-321.

4. Journal article from an online publication

Last name Initial(s). Year. Title of article. Journal Name Volume (issue): pages; DOI number; URL.

Newton AC, Evans PM, Watson CL, Ridding LC, Brand S, McCracien M, Gosal SJ, Bullock JM. 2021. Ecological restoration of agricultural land can improve its contribution to economic development. *PLoS ONE* 16(3): e0247850. <https://doi.org/10.1371/journal.pone.0247850>

5. Article or information from the internet

Philippine Statistics Authority. 2019. Selected Statistics on Agriculture.

<https://psa.gov.ph/sites/default/files/Selected%20Statistics%20on%20Agriculture%202019.pdf> ; accessed March 12, 2020.

5. Article from conference proceedings

Last name Initial(s). Year. Title of paper. In: Title of Proceedings; year Month; City; Publisher; inclusive pages of paper

Rozel CJ, Johnson DH. 2004. Examining methods for estimating mutual information in spiking neural systems. In: Proceedings of the Computational Neuroscience Meeting; 2004 July, Baltimore MD, NY: Plenum; p. 234-252.

Not Included: Personal Communications; unpublished project reports.

6. Articles from newspapers

Last name Initial(s). Year. Title of paper. *Newspaper Name*. Date published. Source:

e.g.,

Reyes MAL. 2020. Getting the facts straight, *PhilStar Global*, May 30 2020. Retrieved from <https://www.philstar.com/business/2020/05/30/2017404/gettings-facts-straight> on 15 June 2020.

7. Citing laws, executive orders, and the like.

citation in text: short title of law (RA_____ year)

In References:

[RA_____] Republic Act _____. Title (capitalize each word). source.

e.g.,

[RA 9513] 2008. Republic Act No. 9513, An Act Promoting the Development, Utilization and Commercialization of Renewable Energy Resources. Retrieved from <https://www.officialgazette.gov.ph/2008/12/16/republic-act-no-9513/> on 10 May 2020.

Please refer to an article in the latest issue of the TNP for reference.

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