

Review Form 1.7

Journal Name:	Asian Journal of Biotechnology and Bioresource Technology
Manuscript Number:	Ms_AJB2T_108139
Title of the Manuscript:	Application of Response Surface Methodology for Optimizing the Extraction Conditions of Total Saponins from <i>Polyscias fruticosa</i> (L.) Harms Planted in Southern Vietnam
Type of the Article	

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. <i>Polyscias fruticosa</i> provides edible leaves and also has medicinal uses in Vietnam. It is commonly cultivated from India to Polynesia, as an ornamental and hedge plant, as well as for culinary use. The main compound isolated from the roots of <i>P. fruticosa</i> is oleanolic acid saponins which has biological activity including specifically anti-inflammatory, antimicrobial, insecticidal and anti-cancer properties. The optimal saponin extraction conditions validated in this study can be used in a larger production-distribution system on a semi-industrial or industrial scale. This could promote greater valorization of the roots of this plant in the field of population health nutrition.</p> <p>2. Yes 3. The abstract of this article is comprehensive 4. Yes 5. Yes but the results were not discussed 6. A better discussion will allow adding some references to the manuscript</p> <p>Add the importance of roots in the introduction The aim of this study is not clearly defined Sampling is not clearly defined (duration, quantity of roots, collection period) Give the optimization results in the conclusion</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	See some recommendations in the manuscript	
<p>Optional/General comments</p>	The manuscript can be acceptable to publish after small revision according to the recommendations made.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Are there ethical issues in this manuscript?</p>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Review Form 1.7

Reviewer Details:

Name:	Nyamien Yves Bleouh Jean
Department, University & Country	Agropastoral Management Institute, Peleforo Gon Coulibaly University, Côte d'Ivoire