



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2013_IJBcRR_8179
Title of the Manuscript:	Antioxidant activity phenolics flavonoids and proanthocyanidins content of Senecio anteuphorbium

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
1) There are still many significant digits (numbers) in Tables considering analysis of phytochemicals. 2) The sentence "Values obtained with both standards were approximately similar which suggests that gallic acid and tannic acid are both appropriate for this method" must be supported by literature. Please cite the reference "Modified CUPRAC spectrophotometric quantification of total polyphenol content in beer samples using Cu(II)/neocuproine complexes. T. Nakamura , N. Coichev and H. D. Moya Journal of Food Composition and Analysis, (2012) 28 , 126-134" in which the authors made a critical study of these two standards compounds (tannic and gallic acid)	1) Numbers in tables are what we found as results (three assays) we can't change them. 2) Sentence discussed and Reference added Gallic (a trihydroxybenzoic acid) and tannic acids (a mixture of polyphenols) have different chemical structures, thus most plants are complex mixtures with a large group of compounds (other than polyphenols) such as beer; this may explain the differences in total polyphenol content when using GAE and TAE as reported in some studies [21]. Values obtained with both standards were approximately similar which suggests that gallic acid and tannic acid are both appropriate for this method. It also suggests that <i>Senecio anteuphorbium</i> contains trihydroxybenzoic acid as much as polygalloyl glucoses.