



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_43796
Title of the Manuscript:	Evaluation of nutritive value of two traditional African vegetables (Corchorus olitorus and Hibiscus sabdariffa) commonly consumed in Côte d'Ivoire.
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
There are a number of grammatical/typographical errors in the text and some are indicated with red colour for the author to effect correction. It is important that the corrections should be made before final publication. The corrections to be effected are clearly stated in my attachment for corrections. SUGGESTED CORRECTIONS TO BE EFFECTED BY THE AUTHOR BEFORE FINAL ACCEPTANCE <u>Abstract</u> Recast the sentence that starts with "Iron and Calcium are..." to read "The result of computed antinutrient to mineral molar ratios suggest that Iron and Calcium bioavailability may not be impaired when the two leafy vegetables are consumed." <u>Result</u> 3.1.1 The heading should read "Physicochemical properties" and not "Proximate composition" Line 101: Delete the word "Highly" and start the sentence with "Significant..." Line 102: "all the variables" should read "all the parameters" Line 104: The sentence on carbohydrates should read "The <i>H. sabdariffa</i> leaf had higher carbohydrate content (42.97%) than the value (26.03%) in <i>C. olitorus</i>." Line 105: The lipid content in <i>H. sabdariffa</i> is "4.74" and not "4.75" (See Table 1) Line 106: "than those" should read "than that" Line 107: Recast to read "but the fibre content (32.01%) was lower in <i>H. sabdariffa</i> than in <i>C. olitorus</i> leaf (41.67%)" Line 120: "More than those" should read "higher than that" Line 121: "had the highest..." should read "had higher phosphorus value (0.62%) than the value (0.44%) in <i>C. olitorus</i>." Line 130-131: "while oxalates were abundant" should read "while oxalate was higher in ... than in ...". Line 131-132: "The different ratio" should read "The computed molar ratios of oxalate/calcium and phytate/calcium were lower..." Line 133: "phytate/iron ratio" should read "phytate/iron molar ratio" Line 134: Table 3: The heading should read "Antinutritional factors and computed antinutrients/mineral molar ratios of <i>C. olitorus</i> and <i>H. sabdariffa</i> leafy vegetables". [The ratios on the Table are not ordinary ratios but molar ratios and the words molar ratios should be indicated to guide the readers.] <u>Discussion</u> Line 141: Recast the first sentence to read "The nutrient values obtained in the present study were close to the values reported by Korotimi <i>et al.</i> [21] for leafy vegetables". Line 146: The sentence that starts with "The results of lipids..." should be recasted to read	<u>Abstract</u> The result of computed antinutrient to mineral molar ratios suggest that Iron and Calcium bioavailability may not be impaired when the two leafy vegetables are consumed <u>Result</u> 3.1.1 Physicochemical properties Line 101: Highly delete Line 102: all the parameters Line 104: The <i>H. sabdariffa</i> leaf had higher carbohydrate content (42.97%) than the value (26.03%) in <i>C. olitorus</i> Line 105: 4.74 Line 106: than that Line 107: but the fibre content (32.01%) was lower in <i>H. sabdariffa</i> than in <i>C. olitorus</i> leaf (41.67%). Line 120: higher than that Line 121: had higher phosphorus value (0.62%) than the value (0.44%) in <i>C. olitorus</i> Line 130-131: while oxalate was higher in <i>H. sabdariffa</i> leaves (1.23%) than in <i>C. olitorus</i> (0.80%). Line 131-132: The computed molar ratios of oxalate/calcium and phytate/calcium were lower Line 133: phytate/iron molar ratio Line 134: Table 3: Antinutritional factors and computed antinutrients/mineral molar ratios of <i>C. olitorus</i> and <i>H. sabdariffa</i> leafy vegetables



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“The results of lipid content are within the range (0.5-7.62%) reported for leafy vegetables [23].”
 Line 148: Replace the words “moderate in amount when compared to” with “higher than”
 Line 154: should it be “deficient for or “sufficient for” human being? Cross check this.
 Line 155: have “high level of protein” and not “higher level of protein”
 Line 156: fibre and carbohydrate contents and not content
 Line 157: “were lower” and not “are lower” than
 Line 158: “It is reported that” and not “It reported that”
 Line 166: The mineral contents in the two leaves differed from the values reported by Agbo *et al.* [32]
 Line 168: The “leafy” and not The “leaves”
 Line 191: Delete the sentence that starts with “In view of the highest...” It is meaningless.
 Line 194: should read “to mineral molar ratios were calculated”[Computed mineral bioavailability is usually based on molar ratios and not ordinary ratios].
 Line 194: should read “molar ratios in the two species...”
 Line 196: should read “phytate/Fe molar ratios of the samples were below (not above).”
 See Table 3.
 Line 197: “may not hinder” and not “may hinder”
 Line 203: Delete “the”

References

Reference No. 24 is not cited in the text
 Thank you.

Discussion

Line 141: The nutrient values obtained in the present study were close to the values reported by Korotimi *et al.* [21] for leafy vegetables
 Line 146: The results of lipid content are within the range (0.5-7.62%) reported for leafy vegetables [24]
 Line 148: lower than
 Line 154: sufficient
 Line 155: high level of protein
 Line 156: fibre and carbohydrate contents
 Line 157: were lower
 Line 158: It reported that
 Line 166: The mineral contents in the two leaves differed from the values reported by Agbo *et al.* [32]
 Line 170: leafy
 Line 194: to mineral molar ratios were
 Line 194: molar ratios in the two species
 Line 196: the phytate/Fe molar ratios of the samples were below
 Line 197: may not hinder