

Editor's Comment:

My editorial decision on 2019/JGEESI/49295.

Title: There should be a comma before southeastern Nigeria

Abstract

Abstract should be one paragraph. In paragraph 2, grain size of the sandstone is more important than colour and should be included. Line 10 in paragraph 2, Leiosphaeridia is an arctitarch and not a dinoflagellate. The presence of Monoporite annulatus in the sample indicates that the age of the sample ranges from Maastrichtian to Eocene. Monoporite annulatus is an Eocene marker pollen (Germeraad et al., 1968; Evamy et al., 1978). Last sentence can be re- structured as '----- are suggestive of environmental settings that vary from continental to brackish water and shallow marine'

Keywords are only four

Introduction

Line 37, (Figs. 1 & 2). Line 42, Agagu (1985) delete comma before the bracket. Line 45, delete fullstop before citations in the bracket. Also check the punctuations in the bracket. Line 48, correct Omatsola and Adegoke (981----. Line 49 should be 'the studied wells are situated between latitudes ----- and ----- and longitudes ----- and -----'. Line 50 (Figs. 1 & 2). Lines 52- 53 the objective of the work is not properly stated and should be re- structured. I suggest 'The present study integrated the lithological and palynological data in age dating, biozonation and interpretation of the environment of deposition of the sediments of ----- and ----- Formations'. Figures 1 and 2 should come immediately after line 55 before methodology.

. Line 62 Fig. 1: Map of Nigeria showing the study area and the geological scheme of the Dahomey Basin (modified from Biliman, 1992)

Methodology

Line 56 should be methodology. Sampling is part of methodology. I suggest that authors should use separate paragraphs to describe each of the methods employed e.g sample collection, lithologic description and palynological analysis. There is no need for the sub-headings 2.1, 2.2 and so on. Let them be deleted. Line 68- 69 wrong sentence and doesn't make any sense.

Results and Discussion

Line 83 should be results and discussion. Line 84, 3.1 should be lithological description. Line 87, use three and delete (3). Do the same in lines 88 & 89. Use lower case letter for t in Three. Line 90, the descriptions of the facies are presented below and shown as Figures 3 and 4. Line 96, it is fine to medium grained. Line 97, environment of deposition should not be interpreted based on a single lithology. Sandstone is found in fluvial, marginal marine, shallow and even deep marine. Also at this stage, the result of the palynological analysis is yet to be presented so no need using it as justification for the interpretation. Do the same in line 102. Authors should present the lithological units and result from palynological analysis and then integrate them in paleoenvironmental reconstruction. Line 232, Helenes

et al. (1998). Line 243 (Table 1). Line 153 (Figs. 5- 8). Line 179, Monoporite annulatus is an Eocene pollen how can it be seen in an older sediment? Line 250 (Figs. 10 & 11).

The work should be properly organized. Punctuation marks should be used appropriately. Tables, figures and authors cited in the text should be checked and corrected. Grammatical errors should also be corrected.

Decision:

The work will be good for publication after effecting the corrections.

Editor's Details:

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