

plained the changed status of certain Formations of the Cuddapah Supergroup just as they cited the one for the Kurnool Group (p. 127). In the revised litho-stratigraphy given in the coloured map of the Cuddapah basin (opposite p. 122), the Srisailam Quartzite which has a Formation status is inadvertently bracketed with the Kurnool Group, instead of the Cuddapah Supergroup. In the Pakhal basin, folding and metamorphism is confined to the south-eastern end of the belt around Yellandlapad in Khammam district. There is no development of kyanite in the Pakhals as stated (p. 142), but ottrelite is reported from the Pakhals which is not mentioned or cited under the references.

In chapter 10, the Middle to Late (Meso- to Neo-) Proterozoic igneous activity of alkaline rocks of Prakasam district, the cratonic kimberlite diatremes and dykes of Anantapur, Kurnool and Mahabubnagar districts, the pegmatites of NSB and rocks suspected to be carbonates from Visakhapatnam

and Nellore Districts are described. In chapter 11, the Gondwana of the Godavari valley of Palaeozoic-Mesozoic age is described incorporating some revision of the stratigraphy in the Chintalapudi sub-basin. The description on the boundaries of the sub-basins of the Gondwana and the faults in the Godavari valley (pp. 170-171) could be appreciated better if the related map with names is given and the reference is duly cited at the end. In chapter 12, the Deccan trap volcanic activity at the Crataceous-Tertiary Boundary (KTB) is described mentioning the number of flows up to eight encountered in the drilling in the KG basin by ONGC. A general view on the linkage of Deccan volcanism in India to the movement of the Indian plate over the Reunion hot-spot is also given. In chapter 13, the Tertiary rocks, principally the Middle Miocene Rajahmundry sandstone are described. In chapter 14, the Quaternary geology is described. The occurrence of oolites in the present outer shelf off

Visakhapatnam reported in marine geological publications could be cited as evidence for the lowering of the sea level during Pleistocene. In chapter 15, the sub-surface geology containing the hydrocarbon-bearing Tertiary strata of the coastal and off-shore KG basin is adequately described giving suitable sketch maps. The last chapter gives an account of the geomorphology and soils of the state.

In any attempt of this nature, there is always a scope for improvement. The references could be better organized. A few field photographs could be included. The book is well-written and is readable. It brings out up-dated regional geological information under one cover and is very useful to students of geology and related branches of earth sciences.

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Erratum

Mechanism of ATP synthesis by proton motive force

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[*Curr. Sci.*, 1998, 75, 716-718]

The numbering of amino acid residues of the ϵ subunit of ATP synthase corresponds to *Escherichia coli* (and not to bovine heart mitochondria, as inadvertently implied). Thus, lines 36-37 on p. 718 should read, 'Further Ser-108 of the rotating ϵ subunit (*Escherichia coli* numbering) interacts covalently^{14,17} with Glu-381 (*Escherichia coli* numbering, corresponding to Glu-395 in bovine heart mitochondria) of β_E ...' Similarly, in Figure 1, the numbering of the important amino acid residues is for *Escherichia coli*, while the labeling in the Figure is for mitochondria. Therefore, in Figure 1, the label, 'Inner membrane' should be substituted by 'Inner membrane/periplasm', while the label, 'Matrix' should be replaced by 'Matrix/cytoplasm'. The second line in the legend to Figure 1 should read, 'The important

amino acid residues are shown.' These corrections do not in any way alter the results or conclusions of our communication.

Correction

The debate on the dawn of multicellular life on earth

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[*Curr. Sci.*, 1999, 76, 137-141]

I am thankful to Dr Vishwakarma for pointing out an error which had unfortunately crept in my paper due to oversight. The pertinent observation about the age of the Semri Group in relation to the kimberlite intrusion was indeed made by him in his paper *Curr. Sci.*, 1998, 75, 1297-1300. My reference to this view of Vishwakarma in my paper on page 141, wrongly numbered as 21, should be corrected to No. 23.