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Category:Southern Region Chalk Group

Lithostratigraphy: Summary of Schemes

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Throughout the nineteenth century there were various attempts to lithostratigraphically classify the Chalk Group of southern England (e.g. Phillips, 1818; Mantell, 1822; Evans, 1870, Hébert, 1874, Barrois, 1876). Several of these classifications relied on the distributions of flints and fossils. However, work by Penning and Jukes-Browne (1881) around Cambridge, and Whitaker (1861) and Whitaker *et al.* (1872) in the Chilterns, led to the establishment by the British Geological Survey (Jukes-Browne and Hill, 1903, 1904) of a tripartite subdivision into Lower, Middle and Upper Chalk, based on the occurrence of feature-forming horizons. The latter superseded all previous classifications, and until recently has remained the traditional scheme for the lithostratigraphical subdivision of the Chalk Group in southern England. For most of the twentieth century interest lapsed in Chalk lithostratigraphy as workers focussed on developing biozonal classifications, which seemed to offer greater potential for refinement. However, recently published research has shown that a more detailed lithostratigraphical classification of the Chalk Group is often possible, and detailed schemes have been published for the South Downs (Mortimore, 1983, 1986; Mortimore and Pomerol, 1996), North Downs (Robinson, 1986) and southern England (Bristow *et al.*, 1997).

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Subcategories

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- ► [Southern Region Chalk Group Lithostratigraphy: Sussex lithostratigraphy of Mortimore \(1986a\)](#) (33 P)
- ► [Southern Region Chalk Group Lithostratigraphy: Bristow et al. \(1997\)](#) (18 P)
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