

# Chronostratigraphy of the Chalk Group - Santonian Stage

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[Jump to navigation](#) [Jump to search](#)

The Santonian stage was first defined by Coquand (1857), and presumably named after the village of Saintes in SW France (Lamolda & Hancock, 1996).

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## Contents

- [1 Definition of base of stage](#)
- [2 Constituent Chalk Group lithostratigraphical units in the UK](#)
- [3 Lithostratigraphical marker-beds for the base of the stage](#)
- [4 References](#)

## Definition of base of stage

The lowest occurrence of the inoceramid bivalve *Cladoceras undulaticus* (Lamolda & Hancock, 1996).

## Constituent Chalk Group lithostratigraphical units in the UK

Integrated southern England Chalk Group lithostratigraphy: Seaford Chalk Formation (pars) and Newhaven Chalk Formation (pars)

Northern England: Flamborough Chalk Formation (pars)

East Anglia: Upper Chalk (pars)

N. Ireland: Cloghfin Sponge Beds Member, Galboly Chalk Member, Cloghastucan Chalk Member

North Sea: Mackerel Formation (pars)

Constituent macrofossil biozones in the UK

*M.testudunarius*

SANTONIAN *U.socialis*

*M.coranguinum* (pars) Upper *H.rostrata* Zone  
(Northern England only)

## Lithostratigraphical marker-beds for the base of the stage

Southern England: Michael Dean Flint

Northern England: ? between Middleton Top Marl and the High Stacks Flint (Burnett & Whitham, 1999)

East Anglia: ? an un-named flint at 366.5 m depth in the BGS Trunch Borehole [TG 2933 3455] in north Norfolk (Wood et al., 1994); boundary poorly defined in remainder of East Anglia

N. Ireland: basal part of stage not represented by Chalk Group strata

## References

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Category:

- [Chronostratigraphy of the Chalk Group](#)

## Navigation menu

### Personal tools

- Not logged in
- [Talk](#)
- [Contributions](#)
- [Log in](#)
- [Request account](#)

### Namespaces

- [Page](#)
- [Discussion](#)

### Variants

### Views

- [Read](#)

- [Edit](#)
- [View history](#)
- [PDF Export](#)



## More

## Search

## Navigation

- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

## Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)
- [Cite this page](#)
- [Browse properties](#)

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- [About Earthwise](#)
- [Disclaimers](#)

