

BRITISH GEOLOGICAL SURVEY

Natural Environment Research Council

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Stratigraphy Series

REPORT WH/94/237R

AN AMMONITE FROM THE
GREAT OOLITE GROUP
NEAR NORTHLEACH, GLOUCS.

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Biostratigraphy & Sedimentology Group

Geographical Index

1: 50 000 235 (Cirencester)

Subject Index

Jurassic
Bathonian
Macropalaeontology
Lithostratigraphy, Biostratigraphy,
Chronostratigraphy

Keyworth, Nottinghamshire British Geological Survey

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- ③ Biostrat. & Sedimentology
Group files

CIRENCESTER SHEET (235)

AN AMMONITE FROM THE GREAT OOLITE GROUP NEAR NORTHLEACH,
GLOUCESTERSHIRE

Ammonites are sufficiently uncommon in the Great Oolite Group of the Cotswolds that a specimen in the possession of a local resident [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] was borrowed in June 1994 by M G Sumbler, and submitted for identification in connection with the current mapping of the Cirencester district. This report has been prepared so that this record is placed on file, and not overlooked in any future review; a copy of its text will be supplied to [REDACTED] when the specimen is returned forthwith.

The specimen was collected between NGRs SP 097 162 and SP 114 155 (1: 10 000 Sheet SP 01 NE or SP 11 NW) during construction of the Northleach By-pass. According to MGS, it must come from the basal part of the Hampen Formation (previously known as the Hampen Marly Beds).

The ammonite belongs to the genus *Procerites* but the species is indeterminate. According to Torrens (1969; 1980), the only ammonite known from the 'Hampen Marly Beds' is a single specimen (the holotype) of *Procerites imitator* (S S Buckman). The whorls of this type specimen, which comes from Fritwell, Oxfordshire and is in the BGS collections (specimen no. GSM30328), are a lot less compressed than those of the Northleach specimen. However, without more and better preserved specimens, it is not possible to say how significant this difference is. The inner and middle whorls of the Northleach specimen (maximum diameter 205 mm) are

not visible.

REFERENCES

TORRENS, H S 1969. The stratigraphical distribution of Bathonian ammonites in Central England. *Geological Magazine*, 106, 63-76.

_____ 1980. Bathonian correlation chart. *Geological Society of London Special Report*, 15, 21-45.

BMC

B M Cox
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