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Appendix: List of species present in the boreholes

This is a list of the coccolith species found in the three boreholes: Amphill (A), Gamlingay (G) and Haddenham (H).

The ammonite zonation given with each species is the *total* range of that species as it occurs in all of the British Jurassic material so far examined.

<i>Actinosphaera deflandrei</i> NOËL: A, H	<i>lamberti</i> to <i>mutabilis</i> zones
<i>Actinozygus crux</i> (DEFLANDRE & PERT): A, G, H	<i>humphriesianum</i> to <i>albani</i> zones
<i>Actinozygus fragilis</i> ROOD et al.: A, G, H	<i>lamberti</i> to <i>cordatum</i> zones
<i>Actinozygus geometricus</i> (GORKA): A, G, H	<i>mariae</i> to <i>pectinatus</i> zones
<i>Anfractus harrisonii</i> sp. n.: A, G, H	<i>discites</i> to <i>rosenkrantzi</i> zones
<i>Anfractus variabilis</i> sp. n.: G	<i>lamberti</i> to <i>mariae</i> zones
<i>Calolithus martelae</i> NOËL: A, H	<i>retrocostatum</i> to <i>pectinatus</i> zones
<i>Carinolithus clavatus</i> (DEFLANDRE): G, H	<i>cordatum</i> to <i>densiplicatum</i> zones
<i>Carinolithus sceptrum</i> (DEFLANDRE): A, G, H	<i>mariae</i> to <i>cordatum</i> zones
<i>Chiastozygus asymmetricus</i> sp. n.: ?A, G, ?H	<i>athleta</i> to <i>tenuiserratum</i> zones
<i>Cleistorhabdus moorei</i> sp. n.: G	<i>retrocostatum</i> to <i>cordatum</i> zones
<i>Crepidolithus crassus</i> (DEFLANDRE): A, G, H	<i>jamesoni</i> to <i>pectinatus</i> zones
<i>Crepidolithus</i> sp.: G, H	<i>semicostatum</i> to <i>mariae</i> zones
<i>Cyclagelosphaera margereli</i> NOËL: A, G, H	<i>discites</i> to <i>pallasioides</i> zones
<i>Cyclagelosphaera</i> sp. [large]: G	<i>hollandi</i> to <i>tenuiserratum</i> zones
<i>Dekapodorhabdus typicus</i> sp. n.: A, G	<i>cordatum</i> Zone
<i>Diadorhombus scutulatus</i> (MEDD): A, G, H	<i>mariae</i> to <i>mutabilis</i> zones
<i>Diazomatolithus lehmani</i> NOËL: A, G, H	<i>margaritatus</i> to <i>autissiodorensis</i> zones
<i>Discorhabdus jungi</i> NOËL: A	<i>mariae</i> Zone
<i>Discorhabdus longicornis</i> sp. n.: A, G	<i>cordatum</i> to <i>tenuiserratum</i> zones
<i>Discorhabdus patulus</i> (DEFLANDRE): A, G, H	<i>sauzei</i> to <i>mutabilis</i> zones
<i>Discorhabdus tubus</i> NOËL: A, G, H	<i>concovum</i> to <i>huddlestoni</i> zones
<i>Discorhabdus</i> sp. 1 MEDD: A, G, H	<i>margaritatus</i> to <i>pectinatus</i> zones
<i>Discorhabdus</i> sp. 2 MEDD: G, H	<i>murchisonae</i> to <i>mutabilis</i> zones
<i>Ellipsagelosphaera britannica</i> (STRADNER): A, G, H	<i>jamesoni</i> to <i>giganteus</i> zones
<i>Ellipsagelosphaera crucicentralis</i> MEDD: A, G, H	<i>murchisonae</i> to <i>autissiodorensis</i> zones
<i>Ellipsagelosphaera lucasi</i> NOËL: A, G, H	<i>retrocostatum</i> to <i>huddlestoni</i> zones
<i>Ellipsagelosphaera reinhardti</i> (ROOD et al.): H	<i>cordatum</i> to <i>pectinatus</i> zones
<i>Ethmorhabdus</i> cf. <i>anglicus</i> ROOD et al.: A, G, H	<i>margaritatus</i> to <i>gorei</i> zones
<i>Ethmorhabdus gallicus</i> NOËL: A, G, H	<i>sauzei</i> to <i>pectinatus</i> zones
<i>Hemipodorhabdus conjugatus</i> sp. n.: G, H	<i>murchisonae</i> to <i>tenuiserratum</i> zones
<i>Hexapodorhabdus cuvillieri</i> NOËL: A, G, H	<i>sauzei</i> to <i>eudoxus</i> zones
<i>Millbrookia perforata</i> sp. n.: A, G, H	<i>athleta</i> to <i>tenuiserratum</i> zones
<i>Millbrookia virgata</i> sp. n.: A, G, H	<i>mariae</i> to <i>densiplicatum</i> zones
<i>Mitrolithus elegans</i> DEFLANDRE: A, G, H	<i>semicostatum</i> to <i>densiplicatum</i> zones
<i>Neococcolithes dubius</i> (DEFLANDRE): A, G, H	<i>lamberti</i> to <i>pectinatus</i> zones
<i>Octopodorhabdus decussatus</i> (MANIVIT): A, G, H	<i>garantiana</i> to <i>autossiodorensis</i> zones
<i>Palaeopontosphaera dubia</i> NOËL: A, G, H	<i>davoei</i> to <i>pectinatus</i> zones
<i>Parhabdololithus liasicus</i> DEFLANDRE: G, H	<i>angulata</i> to <i>cordatum</i> zones
<i>Parhabdololithus marthae</i> DEFLANDRE: A, G, H	<i>bucklandi</i> to <i>mutabilis</i> zones
<i>Parhabdololithus pseudobelgicus</i> sp. n.: A, G, H	<i>mariae</i> to <i>densiplicatum</i> zones
<i>Podorhabdus cylindratus</i> NOËL: A, G, H	<i>murchisonae</i> to <i>pectinatus</i> zones
<i>Podorhabdus grassei</i> NOËL: G	<i>mariae</i> to <i>densiplicatum</i> zones
<i>Podorhabdus rahla</i> NOËL: A, G, H	<i>athleta</i> to <i>cordatum</i> zones
<i>Podorhabdus</i> sp. [small]: A, G, H	<i>murchisonae</i> to <i>giganteus</i> zones
<i>Polypodorhabdus escaigi</i> NOËL: A, G, H	<i>sauzei</i> to <i>pallasioides</i> zones
<i>Polypodorhabdus beckii</i> sp. n.: A, G, H	<i>tenuiserratum</i> Zone

<i>Polypodorhabdus madingleyensis</i> BLACK: A, G, H	retrocostatum to pallasioides zones
<i>Proculithus charlotteii</i> sp.n.: G	cordatum to densiplicatum zones
<i>Proculithus expansus</i> sp.n.: G, H	levesquei to tenuiserratum zones
<i>Schizosphaerella punctulata</i> DEFLANDRE & DANGEARD: A, G, H	planorbis to cymodoce zones
<i>Sollasites bipolaris</i> ROOD et al.: G	cordatum to densiplicatum zones
<i>Sollasites horticus</i> (STRADNER et al.): G, H	mariae Zone
<i>Sollasites lowei</i> (BUKRY): A, G, H	falciferum to tenuiserratum zones
<i>Staurorhabdus magnus</i> sp.n.: G	mariae to pallasioides zones
<i>Staurorhabdus primulus</i> (ROOD et al.): H	planorbis to cordatum zones
<i>Staurorhabdus quadriarculus</i> (NOËL): A, G, H	spinatum to pectinatus zones
<i>Stephanolithion bigoti</i> DEFLANDRE <i>bigoti</i> ssp.n.: A, G, H	jason to autissiodorensis zones
<i>Stephanolithion bigoti</i> DEFLANDRE <i>maximum</i> ssp.n.: A, G, H	mariae to densiplicatum zones
<i>Stephanolithion carinatum</i> sp.n.: G, H	cordatum to mutabilis zones
<i>Stephanolithion hexum</i> ROOD & BARNARD: A, G, H	zigzag to hudlestoni zones
<i>Stephanolithion speciosum</i> DEFLANDRE <i>speciosum</i> ssp.n.: A, G	sauzei to tenuiserratum zones
<i>Stephanolithion speciosum</i> DEFLANDRE <i>elongatum</i> ssp.n.	retrocostatum Zone
<i>Stradnerlithus asymmetricus</i> (ROOD et al.): A, G, H	sauzei to pectinatus zones
<i>Stradnerlithus bifurcatus</i> NOËL: A	tenuiserratum to eudoxus zones
<i>Stradnerlithus comptus</i> BLACK: A, G, H	athleta to pectinatus zones
<i>Stradnerlithus escovillensis</i> (ROOD & BARNARD): A, G	mariae to cordatum zones
<i>Stradnerlithus octoradiatus</i> sp.n.: A, G, H	athleta to mutabilis zones
<i>Stradnerlithus pauciramosus</i> BLACK: A, G, H	retrocostatum to eudoxus zones
<i>Stradnerlithus rhombicus</i> (STRADNER & ADAMIKER): G	cordatum to eudoxus zones
<i>Stradnerlithus rotatus</i> (ROOD et al.): G	lamberti to cordatum zones
<i>Stradnerlithus sattinii</i> sp.n.: A	mariae to tenuiserratum zones
<i>Tetralithus gothicus</i> DEFLANDRE: A, G, H	semicostatum to pallasioides zones
<i>Tetrapodorhabdus shawensis</i> sp.n.: G	garantiana to cordatum zones
<i>Thoracosphaera deflandrei</i> KAMPTNER: A, G, H	planorbis to pallasioides zones
<i>Thoracosphaera saxea</i> STRADNER: A, G	retrocostatum to tenuiserratum zones
tremaliths: A, G, H	margaritatus to pallasioides zones
<i>Tubirhabdus patulus</i> PRINS: H	semicostatum to tenuiserratum zones
<i>Zeugrhabdotus bussoni</i> (NOËL): A, G, H	bucklandi to pectinatus zones
<i>Zeugrhabdotus erectus</i> (DEFLANDRE): A, G, H	angulata to albani zones
<i>Zeugrhabdotus salillum</i> (NOËL): A, G, H	garantiana to pallasioides zones

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