



**British
Geological Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL



A catalogue of specimens
deposited in the Palaeontological
Collections of the British
Geological Survey:
II. Kimmeridgian and Portlandian
(Late Jurassic) Ostracoda

Research Report RR/08/01



BRITISH GEOLOGICAL SURVEY

RESEARCH REPORT RR/08/01

A catalogue of specimens deposited in the Palaeontological Collections of the British Geological Survey:

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Micrommatocythere Wilkinson et
al., 1997 from the Hudlestoni
Zone of the Hartwell Borehole
(MPK 10629).

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II Kimmeridgian and Portlandian (Late Jurassic) Ostracoda

I P Wilkinson

BRITISH GEOLOGICAL SURVEY

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British Geological Survey offices

BGS Central Enquiries Desk

Tel 0115 936 3143 Fax 0115 936 3276
email enquiries@bgs.ac.uk

Kingsley Dunham Centre, Keyworth, Nottingham NG12 5GG

Tel 0115 936 3241 Fax 0115 936 3488
email sales@bgs.ac.uk

Murchison House, West Mains Road, Edinburgh EH9 3LA

Tel 0131 667 1000 Fax 0131 668 2683
email scotsales@bgs.ac.uk

London Information Office at the Natural History Museum (Earth Galleries), Exhibition Road, South Kensington, London

SW7 2DE

Tel 020 7589 4090 Fax 020 7584 8270
Tel 020 7942 5344/45 email bgs london@bgs.ac.uk

Columbus House, Greenmeadow Springs, Tongwynlais, Cardiff CF15 7NE

Tel 029 2052 1962 Fax 029 2052 1963
Forde House, Park Five Business Centre, Harrier Way, Sowton EX2 7HU
Tel 01392 445271 Fax 01392 445371

Macleon Building, Crowmarsh Gifford, Wallingford OX10 8BB

Tel 01491 838800 Fax 01491 692345

Geological Survey of Northern Ireland, Colby House, Stranmillis Court, Belfast BT9 5BF

Tel 028 9038 8462 Fax 028 9038 8461
www.bgs.ac.uk/gsni/

Parent Body

Natural Environment Research Council, Polaris House, North Star Avenue, Swindon SN2 1EU

Tel 01793 411500 Fax 01793 411501
www.nerc.ac.uk

Website www.bgs.ac.uk

Shop online at www.geologyshop.com

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Summary

This report catalogues the single-mount ostracod specimens of late Jurassic age (Kimmeridgian and Portlandian) held in the collections of the British Geological Survey. The collection includes type and figured specimens, but the majority of the specimens comprise the stratigraphical reference collection, which forms the basis of a number of publications and internal reports. The reference collection currently contains 224 specimens, comprising 26 genera (one being retained in open nomenclature) and 74 species (of which 8 are left in open nomenclature). The assemblage slides from which the single mounts were made are also held in the palaeontological collections of the British Geological Survey.

1 Introduction

The purpose of this report is to catalogue the type and reference Kimmeridgian and Portlandian Ostracoda held in the Palaeontological Collections of the British Geological Survey. The ostracods are essentially marine or brackish marine, but there is a slight overlap with the non-marine, earliest 'Purbeck' taxa catalogued elsewhere (Wilkinson, 2001). The stratigraphical applications of the reference collection is an important resource, enabling relationships with faunas from the the Celtic Sea, North Sea Basin and mainland Europe to be recognised. In order to place the collection into its stratigraphical and geographical context, the temporal and spatial distribution of Late Jurassic European Ostracoda are briefly outlined below.

1.1 BRITISH KIMMERIDGIAN OSTRACODA

Kimmeridgian Ostracoda were not studied during the 19th century and although Blake (1876) named six species of Ostracoda, none were figured or described, so that all must be considered *nomina nuda*. It was not until the late 1950s and 1960s that work on the classic Dorset section began. The earliest publications incorporating material from the stratotype area are by Malz (1958a, b). He described several new taxa, principally members of the genus *Macrodentina*, which are housed in the Senckenberg Museum (Frankfurt am Main, Germany). Glashoff (1964) described some Oxfordian Ostracoda of north-western Europe and also included species from the basal Kimmeridgian of Dorset.

The first paper by British workers was published in 1961 when Neale and Kilenyi described some Kimmeridgian species of *Mandelstamia*. In 1965 Kilenyi described a new genus, *Oertliana* (which proves to be a junior synonym of *Dicrorygma* Poag, 1962), but the most important work on Kimmeridgian Ostracoda was published by Kilenyi (1969) and Christensen and Kilenyi (1970), later summarised in Kilenyi (1978). Kimmeridge Clay Ostracoda were discussed both taxonomically and, to a limited extent, biostratigraphically by Kilenyi (1969), who recognised 58 species (although he confused juveniles and dimorphism in several species and his total can be reduced to 54). The Early Kimmeridgian assemblages are dominated by species of the genera *Schuleridea*, *Galliaecytheridea*, *Mandelstamia*, *Amphicythere*, *Macrodentina* and *Exophthalmocythere*. He showed the middle part of the Kimmeridgian to be barren or only sparsely populated, but the Upper Kimmeridge Clay yields abundant ostracods, although diversity is low. These include *Galliaecytheridea spinosa*, *G. polita*, *Dicrorygma (Orthorygma) brotzeni*, *Paranotacythere (Unicosta) pustulata* and, at some horizons, *Hechticythere sigmoidea* and *Klentnicella nealei*. Although erecting six new species, Christensen and Kilenyi's (1970) paper is more notable for its biostratigraphical content and their attempt to correlate numerous successions throughout north-western Europe, later modified by Christensen (1974) and Wilkinson (1983a,b). Type and figured specimens described by Kilenyi are housed in the collections of British Museum (Natural History), London.

Wilkinson (1983a, 1983b, 1987; in Cox et al., 1987) and Wilkinson et al. (1997) carried out biostratigraphical

and palaeoenvironment work on the ostracods of England and the southern North Sea (specimens being held in the collections of the British Geological Survey). Ahmed (1987) mentioned Kimmeridgian Ostracoda from the Baylei and Cymodoce zones at South Ferriby, Souththumberside (specimens being held in the collections of the British Museum, Natural History).

In the North Celtic Sea Basin, below the 'Wealden' deposits with their freshwater ostracods, silty sand overlies limestones and silty clays (Colin et al., 1981). These Kimmeridgian deposits contain abundant *Macrodentina (Macrodentina) cf. cicatricosa*, a species that has a somewhat restricted distribution onshore, and *Cetacella paucistriata* (Helmdach) which is unknown on mainland Britain.

1.2 BRITISH PORTLANDIAN OSTRACODA

The English Portlandian also has a long, although somewhat patchy history of research. While describing the freshwater Ostracoda from the 'Purbeckian' of southern England, Jones (1885) included three marine, or near marine, species, *Cythere retirugata*, *C. retirugata var. rugulata*, and *C. transiens*, all belonging in the genus *Macrodentina* as demonstrated by (Malz, 1958b). The stage was not examined further until Anderson (1941) described a number of taxa (included species of *Macrodentina*, *Cytheridea*, *Hechticythere* and *Cytherella*) from the Portlandian at Swindon, the taxonomy of which were subsequently modified by Barker (1966a,b) and Anderson (1985).

By far the most important work on Portlandian Ostracoda in Britain is by Barker who described faunas from Dorset (1966a) and Aylesbury (1966b). He stated that in Dorset, the first occurrence of typical Portlandian species is in the uppermost part of the Kimmeridge Clay, about 3 m below the Massive Bed at Hounstout Cliff and Black Nore Sandstone at West Wear Cliff. Faunas can be seen to extend up into the Portland Sand. Ostracod associations included species of *Macrodentina*, *Galliaecytheridea*, *Paranotacythere*, *Prohutsonia* and *Galliaecytheridea*, *Hechticythere* and *Paraschuleridea*. The Portland Stone has six species in common with the Portland Sand, but *Macrodentina (M.) rugulata* (Jones) and *Procytheropteron bicosta* Barker are peculiar to it and, significantly, *Galliaecytheridea compressa*, *Macrodentina (Polydentina) rudis* and *Prohutsonia elongata* are not present (Barker, 1966a). Specimens described by Barker are housed in the collections of British Museum (Natural History), London.

The influence of the decreasing salinities on the Ostracoda during the late Portlandian ('Purbeckian') was recorded by Barker (1966b). Fully marine forms (eg. species of *Protocythere*, *Macrocypris*, *Paraschuleridea*, *Paranotacythere*, *Procytheropteron* and *Wolburgia*) were gradually replaced by euryhaline forms, such as species of *Fabanella* and *Mantelliana*, and finally oligohaline species of the genera *Cypridea*, *Klieana*, *Scrabiculocypris*, *Darwinula* and *Rhinocypris*. Anderson (1985) summarised his work on the Ostracoda of the upper Portlandian, Purbeck

and Wealden deposits just before his death. Although it deals with non-marine forms in the main, a number of marine species that range up from the Kimmeridgian and Portlandian are mentioned. It is the dramatic change in environments, and thus ostracod associations, that results in a slight overlap between the present catalogue and that of the 'Purbceck–Wealden' ostracods (Wilkinson, 2001).

No marine Ostracoda of this age are recorded from the North Celtic or Fastnet basins, although fresh to brackish water species such as *Mantelliana purbeckensis* (Forbes) and *Cetacella amata* Martin are present. Portlandian deposits in eastern England are composed of sand and sandstone that have failed to yield an in situ ostracod fauna.

1.3 OSTRACODA FROM NORTH-WESTERN EUROPEAN CONTINENTAL SHELF

The confidential nature of many of the boreholes that penetrate the Upper Jurassic has hindered detailed study of the ostracod faunas in the offshore North Sea Basin. A brief outline of the faunas was given by Christensen (1988), although no details were given. He recognised a 'fresh-water' *Fabanella boloniensis-Pachycytheridea compacta* Zone in the Volgian of the Fennoscandia Border area and identified the Bolonian ostracod zones recognised in eastern England (as discussed by Wilkinson, 1983a) in the 'Graben Basins' and 'Norwegian–Danish Sub-basins' of the North Sea.

A little information is available for the Baylei to Hudlestoni zones of boreholes off Yorkshire (Cox et al., 1987), but by far the most complete studies on the ostracods from the North Sea is by Herngreen, Lissenberg and Witte (1989), later expanded and revised by Witte and Lissenberg (1994). These latter authors give valuable information on the distribution of Late Jurassic to Early Cretaceous ostracods from boreholes from the Dutch Sector of the Central North Sea Graben. Although hindered by the fact that much of the material was obtained from ditch cuttings, they show the spatial relationships of key species in southern England and North Germany. Further, euryhaline ostracod faunas show the incoming of brackish marine conditions, but, unlike southern England, the *Cypridea*-rich assemblages of the 'non-marine' milieu are absent. Marine or near marine faunas continue through the Portlandian and the Berriasian faunas are similar to those of the Speeton Clay in Yorkshire.

1.4 OSTRACODA FROM NORTH-WESTERN EUROPE

A large amount of work has been carried out on the Late Jurassic Ostracoda of Germany and only a selection of papers are mentioned here. The earliest significant modern publications on marine Kimmeridgian and Portlandian ostracods are by Steghaus (1951), Triebel (1941, 1954), Schmidt (1954, 1955) and Klingler (1955). These were essentially taxonomic descriptions, but much stratigraphical detail was also included so that they remain useful in biostratigraphical work. Taxonomic work was carried out during the 1950s by Malz (1958a, 1958b) who concentrated his efforts on relatively few genera, notably *Nodophthalmocythere* and *Macrodentina*, and, in the case of the latter genus, showed its usefulness in biostratigraphy. The great expansion of studies during the 1950s culminated in the important taxonomic and biostratigraphical work '*Leitfossilien der Mikropaläontologie*' in which Klingler, Malz and Martin (1962) discussed the Malm ostracods from north-western Germany. The most important work on German Ostracoda in recent years is that by Schudack (1994) who described the Late Jurassic and earliest Cretaceous ostracods from the Lower Saxony Basin and used them as a biostratigraphical tool.

Kimmeridgian faunas from the Danish–Polish Trough and the Danish Basin were studied by Christensen (1968a, 1968b, 1970, 1973) and Christensen and Kilenyi (1970), respectively, and Bielecka and Styk (1963, 1964, 1968) and Bielecka, Styk and Blaszyk (1980) described assemblages from northern Poland. Portlandian faunas from Denmark and northern Poland were also discussed by Christensen (1974) and Bielecka, Styk and Blaszyk (1980) respectively. The essentially non-marine to brackish Ostracoda from the uppermost Jurassic and lowermost Cretaceous of Sweden (Oertli, Brotzen and Bartenstein, 1961) are similar to those of northern Poland and the North German Basin.

Although Kimmeridgian Ostracoda of northern France have not been extensively studied, a number of species and associations were described by Oertli (1957, 1963), Malz (1958a,b); Bassiouni (1974) Guyader (1962, 1966, 1968, 1969) and Donze (1960). The majority of species in the area are not present in England, however, Christensen and Kilenyi (1970) were able to show the similarities and trends in the Kimmeridgian ostracod faunas of the Paris Basin and southern England. The scant information relating to the Late Jurassic ostracod faunas in northern France, is reflected in the chapter on the Jurassic in the '*Atlas des Ostracodes de France*' (Dépêche, 1985).

2 Catalogue of type and reference specimens

Under each genus and, where appropriate, subgenus, details are given according to the following format:

Species Specific assignment
Subspecies Subspecific assignment where appropriate
Author Author who originally erected and described the species
Date Date of publication of the original description
Registration number The BGS unique identifier of the single-specimen mount. All specimens are housed in the collections of the British Geological Survey, Keyworth
Previous registration Registration number of the sample/assemblage slide from which the specimen was taken if different from the single celled mount
Locality Name of the borehole or quarry

Depth (m) Depth below ground level
NGR National grid reference (latitude and longitude is given for one specimen)
Stratigraphy Lithostratigraphical unit from which the specimen was collected (Kimmeridge Clay Bed numbers after Gallois & Cox, 1976; Cox & Gallois, 1979)
Biostratigraphy The standard ammonite zone
Remarks Any remarks regarding the specimen and SEMs taken
Reference Bibliographic reference where the specimen has been described or discussed. In some cases the specimen was included in the analysis, although not individually mentioned

2.1 GENUS *AALENIELLA*

2.1.1 Subgenus *Danocythere*

Species *gracilis*
Registration number MPK10610
Locality Tisbury Borehole
Depth (m) 81.0
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve
Reference Wilkinson et al., 1997

Author Christensen and Kilenyi, 1970
Previous registration MPA2635
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *inornata*
Registration number MPK10085
Locality Tisbury Borehole
Depth (m) 70.65
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, right valve
Reference Wilkinson et al., 1997

Author (Kilenyi, 1969)
Previous registration MPA2633
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *inornata*
Registration number MPK10611
Locality Tisbury Borehole
Depth (m) 70.65
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve, internal
Reference Wilkinson et al., 1997

Author (Kilenyi, 1969)
Previous registration MPA2633
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *inornata*
Registration number MPK10612
Locality Tisbury Borehole
Depth (m) 70.65
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, right valve
Reference Wilkinson et al., 1997

Author (Kilenyi, 1969)
Previous registration MPA2633
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

2.2 GENUS *AMPHICYTHERE*

Species *confundens*

Registration number CSB7159
Locality North Sea BGS Borehole 81/41
Depth (m) 44.93–45
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve. The latitude and longitude for this borehole is given here under NGR
Reference Wilkinson, 1988

Author Oertli, 1957
NGR Lat 54° 22.197'N Long. 0° 27.284'E
Biostratigraphy Cymodoce Zone

Species *pennyi*

Registration number MPA2343/c3
Locality North Wooton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Right valve
Reference Wilkinson, 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species sp. MPA2322

Registration number MPA2322/c2
Locality North Wooton Borehole
Depth (m) 89.7
Stratigraphy Kimmeridge Clay Formation Bed 22
Remarks Right valve
Reference Wilkinson, 1988

Author Wilkinson, 1988
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

2.3 GENUS *CYTHERELLA*

Species *vulsa*

Registration number MPA2334/c8
Locality North Wooton Borehole
Depth (m) 115.5
Stratigraphy Kimmeridge Clay Formation Bed 10
Remarks Left valve, female
Reference Wilkinson, 1988

Author Wilkinson, 1988
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *vulsa*

Registration number MPA2334/c9
Locality North Wooton Borehole
Depth (m) 115.5
Stratigraphy Kimmeridge Clay Formation Bed 10
Remarks Left valve, ?male
Reference Wilkinson, 1988

Author Wilkinson, 1988
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

2.4 GENUS *CYTHERELLOIDEA*

Species cf. *paraweberi*

Registration number MPK10602
Locality Fairlight Borehole
Depth (m) 367.59
Stratigraphy Portland Formation, Portland Sand Member
Remarks Carapace, right valve
Reference Wilkinson et al., 1997

Author Oertli, 1957
Previous registration MPA360
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species *paraweberi*
Registration number MPA2320/c3
Locality North Wootton Borehole
Depth (m) 87.9
Stratigraphy Kimmeridge Clay Formation, Bed 24
Remarks Left valve

Author Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone

Species *weberi*
Registration number MPA2321/c4
Locality North Wootton Borehole
Depth (m) 88.8
Stratigraphy Kimmeridge Clay Formation, Bed 23
Remarks Left valve

Author Steghaus, 1951
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

2.5 GENUS *DICRORYGMA*

2.5.1 Subgenus *Orthorygma*

Species *brotseni*
Registration number MPK10614
Locality Tisbury Borehole
Depth (m) 70.65
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve
Reference Wilkinson et al., 1997

Author Christensen, 1965
Previous registration MPA2633
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *brotseni*
Registration number MPK10615
Locality Tisbury Borehole
Depth (m) 70.65
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, left valve
Reference Wilkinson et al., 1997

Author Christensen, 1965
Previous registration MPA2633
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *reticulata*
Registration number MPK10051
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Left valve
Reference Wilkinson & Whatley, in press

Author Christensen, 1965
Previous registration MPA2343
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *reticulata*
Registration number MPK10052
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Right valve
Reference Wilkinson & Whatley, in press

Author Christensen, 1965
Previous registration MPA2343
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *reticulata*
Registration number MPA2343/c2
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Right valve
Reference Wilkinson, 1988

Author Christensen, 1965
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *reticulata*
Registration number MPA2343/c4
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Left valve, internal
Reference Wilkinson, 1988

Author Christensen, 1965
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *reticulata*
Registration number MPA2343/c5
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Left valve
Reference Wilkinson, 1988

Author Christensen, 1965
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *reticulata*
Registration number MPA2343/c6
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Right valve, internal
Reference Wilkinson, 1988

Author Christensen, 1965
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *reticulata*
Registration number MPA2342/c6
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Left valve

Author Christensen, 1965
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *reticulata*
Registration number MPA2342/c7
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Right valve

Author Christensen, 1965
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species sp. SAC1118
Registration number SAC1118/c2
Locality North Wootton Borehole
Depth (m) 24.9
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve, internal
References Wilkinson, 1988

NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species sp. SAC1118
Registration number SAC1118/c3
Locality North Wootton Borehole
Depth (m) 24.9
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve
Reference Wilkinson, 1988

NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species sp. SAC1118
Registration number SAC1118/c4
Locality North Wootton Borehole
Depth (m) 24.9
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve
Reference Wilkinson, 1988

NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species sp. SAC1118
Registration number MPA2299/c2
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve, internal
Reference Wilkinson, 1988

NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species sp. A
Registration number MPA2299/c3
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve
Reference Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species sp. A
Registration number MPA2299/c4
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve (internal)
Reference Wilkinson, 1983a

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species sp. A
Registration number MPA2299/c5
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve
References Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

2.6 GENUS *EOCYTHERIDEA*

Species *eusarca*
Registration number MPK10627
Locality Tisbury Borehole
Depth (m) 10.35
Stratigraphy Portland Formation, Wardour Mb
Remarks Carapace, right valve
References Wilkinson et al., 1997

Author (Anderson, 1941)
Previous registration MPA43053
NGR ST 9359 2907
Biostratigraphy Glaucolithus Zone

2.7 GENUS *EOCYTHEREOPTERON*

Species *aquitantum*
Registration number MPA15342/c2
Locality Hunstanton Borehole
Depth (m) 111.89
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Right valve, ventral
References Wilkinson, 1983 b; 1988

Author (Donze, 1960)
NGR TF 6857 4078
Biostratigraphy Hudlestoni Zone

Species *aquitantum*
Registration number MPA15342/c3
Locality Hunstanton Borehole
Depth (m) 111.89
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve, ventral
References Wilkinson, 1983b; 1988

Author (Donze, 1960)
NGR TF 6857 4078
Biostratigraphy Hudlestoni Zone

Species *aquitenum*
Registration number MPA2300
Locality North Wootton Borehole
Depth (m) 30.9
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve, internal
References Wilkinson, 1983a, b; 1988

Author (Donze, 1960)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *aquitenum*
Registration number MPK3658
Locality North Wootton Borehole
Depth (m) 30.9
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve
References Wilkinson, 1983a, b; 1988

Author (Donze, 1960)
Previous registration MPA2300
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *aquitenum*
Registration number MPA16763
Locality North Wootton Borehole
Depth (m) 31.80
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Right valve

Author (Donze, 1960)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

2.8 GENUS *ERIPLEURA*

Species *obliquicostata*
Registration number MPK5101
Locality North Wootton Borehole
Depth (m) 114.9
Stratigraphy Kimmeridge Clay Formation, Bed 11
Remarks Paratype: left valve, interior
Reference Wilkinson, 1987

Author Wilkinson, 1987
Previous registration MPA2333
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *obliquicostata*
Registration number MPK5100
Locality North Wootton Borehole
Depth (m) 115.5
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Paratype: right valve, interior
Reference Wilkinson, 1987

Author Wilkinson, 1987
Previous registration MPA2334
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *obliquicostata*
Registration number MPK5099
Locality North Wootton Borehole
Depth (m) 115.5
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Holotype: carapace, left valve
Reference Wilkinson, 1987

Author Wilkinson, 1987
Previous registration MPA2333
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *obliquicostata*
Registration number MPA2333/c4
Locality North Wootton Borehole
Depth (m) 114.9
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Carapace

Author Wilkinson, 1987
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

2.9 GENUS *EXOPHTHALMOCYTHERE*

Species *fuhrbergensis*

Registration number MPK10078

Locality North Wootton Borehole

Depth (m) 88.80

Stratigraphy Kimmeridge Clay Formation, Bed 23

Remarks Right valve

References Wilkinson, 1983a; 1988

Author Steghaus, 1951

Previous registration MPA2321/2

NGR TF 6439 2457

Biostratigraphy Mutabilis Zone

Species *fuhrbergensis*

Registration number MPK2507

Locality Winterborne Kingston Borehole

Depth (m) 372

Stratigraphy Kimmeridge Clay Formation

Remarks Carapace, left valve

Reference Wilkinson, 1982

Author Steghaus, 1951

Previous registration MPA946

NGR SY 8470 9796

Biostratigraphy? Mutabilis Zone

Species *fuhrbergensis*

Registration number MPA2320/c2

Locality North Wootton Borehole

Depth (m) 87.9

Stratigraphy Kimmeridge Clay Formation, Bed 24

Remarks Right valve

Author Steghaus, 1951

Previous registration

NGR TF 6439 2457

Biostratigraphy Eudoxus Zone

2.10 GENUS *FABANELLA*

Species *boloniensis*

Registration number MPK10609

Locality Hartwell Borehole

Depth (m) 4.99

Stratigraphy Purbeck Formation, 'Pendle'

Remarks Right valve

Reference Wilkinson et al., 1997

Author (Jones, 1882)

Previous registration MPA43727

NGR SP 7926 1223

Biostratigraphy Anguiformis Zone

2.11 GENUS *GALLIAECYTHERIDEA*

Species *compressa*

Registration number MPK10053

Locality Fairlight Borehole

Depth (m) 364.54

Stratigraphy Portland Formation, Wardour Member

Remarks Left valve, male

Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970

Previous registration MPA359

NGR TQ 8592 1173

Biostratigraphy Glaucolithus Zone

Species *compressa*

Registration number MPK10054

Locality Fairlight Borehole

Depth (m) 364.54

Stratigraphy Portland Formation, Wardour Member

Remarks Right valve, male

Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970

Previous registration MPA359

NGR TQ 8592 1173

Biostratigraphy Glaucolithus Zone

Species *compressa*
Registration number MPK10055
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Formation, Wardour Member
Remarks Right valve, female
Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970
Previous registration MPA359
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species *compressa*
Registration number MPK10056
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Formation, Wardour Member
Remarks Left valve, female
Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970
Previous registration MPA359
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species *compressa*
Registration number MPA359/c2
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Formation, Wardour Member
Remarks Carapace, left valve, male
Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species *compressa*
Registration number MPA359/c3
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Formation, Wardour Member
Remarks Carapace, left valve, female
Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species *dissimilis*
Registration number MPA2340/c2
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Right valve, internal
References Wilkinson, 1983a; 1988

Author Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *dissimilis*
Registration number MPA2340/c3
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Left valve, internal
References Wilkinson, 1983a; 1988

Author Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *dissimilis*
Registration number MPK3679
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Right valve
References Wilkinson, 1983a; 1988

Author Oertli, 1957
Previous registration MPA2340
NGR TF 6439 2457
Biostratigraphy Baylei Zone

- Species** *dissimilis*
Registration number MPK3652
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Carapace, left valve, female
References Wilkinson, 1983a; 1988
- Author** Oertli, 1957
Previous registration MPA2340
NGR TF 6439 2457
Biostratigraphy Baylei Zone
- Species** *dissimilis*
Registration number MPA2331/c2
Locality North Wootton Borehole
Depth (m) 110.7
Stratigraphy Kimmeridge Clay Formation, Bed 13
Remarks Right valve
References Wilkinson, 1983a; 1988
- Author** Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone
- Species** *dissimilis*
Registration number MPA2331/c3
Locality North Wootton Borehole
Depth (m) 110.7
Stratigraphy Kimmeridge Clay Formation, Bed 13
Remarks Left valve
References Wilkinson, 1983a; 1988
- Author** Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone
- Species** *dissimilis*
Registration number MPA2331/c4
Locality North Wootton Borehole
Depth (m) 110.7
Stratigraphy Kimmeridge Clay Formation, Bed 13
Remarks Carapace, left valve
References Wilkinson, 1983a; 1988
- Author** Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone
- Species** *dissimilis*
Registration number MPA2331/c5
Locality North Wootton Borehole
Depth (m) 110.7
Stratigraphy Kimmeridge Clay Formation, Bed 13
Remarks Left valve
References Wilkinson, 1983a; 1988
- Author** Oertli, 1957
Previous registration
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone
- Species** *dissimilis*
Registration number MPA2331/c6
Locality North Wootton Borehole
Depth (m) 110.7
Stratigraphy Kimmeridge Clay Formation, Bed 13
Remarks Right valve, internal
References Wilkinson, 1983a; 1988
- Author** Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone
- Species** *dissimilis*
Registration number MPA2331/c7
Locality North Wootton Borehole
Depth (m) 110.7
Stratigraphy Kimmeridge Clay Formation, Bed 13
Remarks Left valve, internal
References Wilkinson, 1983a; 1988
- Author** Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *dissimilis*
Registration number MPA2340/c12
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Left valve

Author Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *dissimilis*
Registration number MPA2340/c13
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Right valve

Author Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *dorsetensis*
Registration number MPK10057
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Carapace, right valve
References Wilkinson, 1983a; 1988

Author Christensen & Kilenyi, 1970
Previous registration MPA2340
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *dorsetensis*
Registration number MPA2340/c4
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Carapace, left valve
References Wilkinson, 1983a; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *dorsetensis*
Registration number MPA2340/c14
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Left valve

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *dorsetensis*
Registration number MPA2340/c15
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Carapace

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *elongata*
Registration number MPK2508
Locality Winterborne Kingston Borehole
Depth (m) 381
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve
Reference Wilkinson, 1982

Author Kilenyi, 1969
Previous registration MPA949
NGR SY 8470 9796
Biostratigraphy? Mutabilis Zone

Species *elongata*
Registration number MPK3654
Locality North Wootton Borehole
Depth (m) 95.10
Stratigraphy Kimmeridge Clay Formation, Bed 19
Remarks Left valve, male
References Wilkinson, 1983a; 1988

Author Kilenyi, 1969
Previous registration SAC1132
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

- Species** *elongata*
Registration number SAC1132
Locality North Wootton Borehole
Depth (m) 95.10
Stratigraphy Kimmeridge Clay Formation, Bed 19
Remarks Carapace, male
References Wilkinson, 1983a; 1988
- Author** Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *elongata*
Registration number MPA2321/c5
Locality North Wootton Borehole
Depth (m) 88.8
Stratigraphy Kimmeridge Clay Formation, Bed 23
Remarks Right valve, male
- Author** Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *elongata*
Registration number MPA2321/c6
Locality North Wootton Borehole
Depth (m) 88.8
Stratigraphy Kimmeridge Clay Formation, Bed 23
Remarks Left valve, male
- Author** Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *elongata*
Registration number MPA2321/c7
Locality North Wootton Borehole
Depth (m) 88.8
Stratigraphy Kimmeridge Clay Formation, Bed 23
Remarks Right valve, male
- Author** Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *fragilis*
Registration number MPA2342/c2
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Right valve
Reference Wilkinson, 1988
- Author** Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Baylei Zone
- Species** *gracilis*
Registration number MPA2343/c2
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Left valve
Reference Wilkinson, 1988
- Author** Glashoff, 1964
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone
- Species** *mandelstami*, **Subspecies** *kilenyii*
Registration number MPK3676
Locality North Wootton Borehole
Depth (m) 89.7
Stratigraphy Kimmeridge Clay Formation, Bed 22
Remarks Paratype: carapace, right valve
References Wilkinson, 1983a; 1988
- Author** Wilkinson, 1983
Previous registration MPA2322
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *mandelstami*, **Subspecies** *kilenyii*
Registration number MPK3655
Locality North Wootton Borehole
Depth (m) 89.7
Stratigraphy Kimmeridge Clay Formation, Bed 22
Remarks Holotype: carapace, left valve
References Wilkinson, 1983a; 1988

Author Wilkinson, 1983
Previous registration MPA2322
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *mandelstami*, **Subspecies** *kilenyii*
Registration number MPK2504
Locality Winterborne Kingston Borehole
Depth (m) 381
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve. *G. mandelstami* in Wilkinson, 1982
Reference Wilkinson, 1982

Author Wilkinson, 1983a
Previous registration MPA949
NGR SY 8470 9796
Biostratigraphy ?Mutabilis Zone

Species *polita*
Registration number MPK10619
Locality Fairlight Borehole
Depth (m) 379.78
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve
Reference Wilkinson et al., 1997

Author Kilenyi, 1969
Previous registration MPA365
NGR TQ 8592 1173
Biostratigraphy Fittoni Zone

Species *polita*
Registration number MPK10620
Locality Fairlight Borehole
Depth (m) 382.83
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve
Reference Wilkinson et al., 1997

Author Kilenyi, 1969
Previous registration MPA365
NGR TQ 8592 1173
Biostratigraphy Fittoni Zone

Species *polita*
Registration number MPK10621
Locality Fairlight Borehole
Depth (m) 382.83
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve
Reference Wilkinson et al., 1997

Author Kilenyi, 1969
Previous registration MPA365
NGR TQ 8592 1173
Biostratigraphy Fittoni Zone

Species *postrotunda*
Registration number MPA2343/c12
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Right valve, juvenile

Author Oertli, 1957
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species cf. *postrotunda*
Registration number MPK10618
Locality Hartwell Borehole
Depth (m) 6.0
Stratigraphy Portland Formation, Portland Stone Member
Remarks Left valve, juvenile
Reference Wilkinson et al., 1997

Author sensu Barker, 1966
Previous registration MPA2815
NGR SP 7926 1223
Biostratigraphy Kerberus Zone

Species *punctata*
Registration number MPA2334/c2
Locality North Wootton Borehole
Depth (m) 115.5m
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Carapace, right valve
References Wilkinson, 1983a; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *punctata*
Registration number MPA2334/c3
Locality North Wootton Borehole
Depth (m) 115.5m
Stratigraphy Kimmeridge Clay Formation, Bed 10
Biostratigraphy Cymodoce Zone
Remarks Carapace, left valve
References Wilkinson, 1983a; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *punctata*
Registration number MPA2334/c4
Locality North Wootton Borehole
Depth (m) 115.5m
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Right valve, internal
References Wilkinson, 1983a; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *punctata*
Registration number MPA2334/c5
Locality North Wootton Borehole
Depth (m) 115.5m
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Left valve, internal
References Wilkinson, 1983a; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *punctata*
Registration number MPA2334/c10
Locality North Wootton Borehole
Depth (m) 115.5
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Right valve

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *punctata*
Registration number MPA2334/c11
Locality North Wootton Borehole
Depth (m) 115.5
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Left valve

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *punctata*
Registration number MPA9730/2
Locality Nettleton Bottom Borehole
Depth (m) 172.2
Stratigraphy? Oxford Clay/?Kimmeridge Clay
Remarks Left valve. The Oxfordian/Kimmeridgian boundary cannot be located with certainty in this borehole. Bradshaw & Penny (1982) placed the boundary at 177 m. Cox (personal communication) placed it at 165.64–165.65 m. See also Wilkinson (1988).
Reference Wilkinson, 1988

Author Kilenyi, 1969
NGR TF 1245 9823
Biostratigraphy ?Rosenkrantzi Zone/Baylei Zone

Species *punctata*
Registration number MPA9730/3
Locality Nettleton Bottom Borehole
Depth (m) 172.2
Stratigraphy ?Oxford Clay/?Kimmeridge Clay
Remarks Right valve. See the comments for MPA9730/2 above.
References Bradshaw & Penny, 1982; Wilkinson, 1988

Author Kilenyi, 1969
NGR TF 1245 9823
Biostratigraphy ?Rosenkrantz Zone

Species *spinosa*
Registration number MPK10063
Locality Tisbury Borehole
Depth (m) 55.7m
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, right valve, female
Reference Wilkinson et al., 1997

Author Kilenyi, 1969
Previous registration MPA2629
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *spinosa*
Registration number MPK10064
Locality Tisbury Borehole
Depth (m) 55.7m
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, left valve, male
Reference Wilkinson et al., 1997

Author Kilenyi, 1969
Previous registration MPA2629
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *spinosa*
Registration number MPA13147/c2
Locality Skegness Borehole
Depth (m) 119.21
Stratigraphy Kimmeridge Clay Formation, Bed 47
Remarks Right valve, ventral
References Wilkinson, 1983b; 1988

Author Kilenyi, 1969
NGR TF 5711 6398
Biostratigraphy Pectinatus Zone

Species *spinosa*
Registration number MPA13147/c3
Locality Skegness Borehole
Depth (m) 119.21
Stratigraphy Kimmeridge Clay Formation, Bed 47
Remarks Right valve
References Wilkinson, 1983b; 1988

Author Kilenyi, 1969
NGR TF 5711 6398
Biostratigraphy Pectinatus Zone

Species *spinosa*
Registration number MPA13150/c2
Locality Skegness Borehole
Depth (m) 123.17
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve, female
References Wilkinson, 1983b; 1988

Author Kilenyi, 1969
NGR TF 5711 6398
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA13150/c3
Locality Skegness Borehole
Depth (m) 123.17
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve, female
References Wilkinson, 1983b; 1988

Author Kilenyi, 1969
NGR TF 5711 6398
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA13150/c4
Locality Skegness Borehole
Depth (m) 123.17
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve, female
References Wilkinson, 1983b; 1988

Author Kilenyi, 1969
NGR TF 5711 6398
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA13150/c5
Locality Skegness Borehole
Depth (m) 123.17
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve, male
References Wilkinson, 1983b; 1988

Author Kilenyi, 1969
NGR TF 5711 6398
Biostratigraphy

Species *spinosa*
Registration number MPA13152/2
Locality Skegness Borehole
Depth (m) 119.125.61
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Right valve
References Wilkinson, 1983b; 1988

Author Kilenyi, 1969
NGR TF 5711 6398
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA13152/3
Locality Skegness Borehole
Depth (m) 125.61
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Right valve, male
References Wilkinson, 1983b; 1988

Author Kilenyi, 1969
NGR TF 5711 6398
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA13152/4
Locality Skegness Borehole
Depth (m) 125.61
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Right valve, female
References Wilkinson, 1983b; 1988

Author Kilenyi, 1969
NGR TF 5711 6398
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA16758/c2
Locality North Wootton Borehole
Depth (m) 25.2
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve, internal
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA16758/c3
Locality North Wootton Borehole
Depth (m) 25.2
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve, ventral

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA16759/2
Locality North Wootton Borehole
Depth (m) 26.1
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA16759/3
Locality North Wootton Borehole
Depth (m) 26.1
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *spinosa*
Registration number MPA16759/4
Locality North Wootton Borehole
Depth (m) 26.1
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *cf spinosa*
Registration number SAC1120/c2
Locality North Wootton Borehole
Depth (m) 35.1
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Left valve
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *cf spinosa*
Registration number SAC1121
Locality North Wootton Borehole
Depth (m) 40.1
Stratigraphy Kimmeridge Clay Formation, Bed 41
Remarks Left valve (internal)
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1969
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

2.12 GENUS *HECHTICYTHERE*

Species *serpentina*
Registration number MPK10071
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve, male. Punctate form
Reference Wilkinson et al., 1997

Author (Anderson, 1941)
Previous registration MPA359
NGR TQ 8592 1173

Species *serpentina*
Registration number MPK10072
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve, female. Punctate form
Reference Wilkinson et al., 1997

Author (Anderson, 1941)
Previous registration MPA359
NGR TQ 8592 1173

Species *serpentina*
Registration number MPK10073
Locality Fairlight Borehole
Depth (m) 396.79
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve, female. Smooth form
Reference Wilkinson et al., 1997

Author (Anderson, 1941)
Previous registration MPA370
NGR TQ 8592 1173

Species *serpentina*
Registration number MPK10074
Locality Fairlight Borehole
Depth (m) 396.79
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve, male. Smooth form
Reference Wilkinson et al., 1997

Author (Anderson, 1941)
Previous registration MPA370
NGR TQ 8592 1173

Species *serpentina*
Registration number MPA43727/c2
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Carapace, left valve
Reference Wilkinson et al., 1997

Author Anderson, 1941
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

2.13 GENUS *KLENTNICELLA*

Species *neali*
Registration number MPK10642
Locality Fairlight Borehole
Depth (m) 395.02
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, left valve, juvenile
Reference Wilkinson et al., 1997

Author (Kilenyi, 1969)
Previous registration MPA369
NGR TQ 8592 1173
Biostratigraphy Pallasioides Zone

2.14 GENUS *MACROCYPRIS*

Species MPK10603
Registration number MPK10603
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Holotype. Carapace, right valve. MS species in Wilkinson et al. (1997) will be formally described in the near future
Reference Wilkinson et al., 1997

Author Wilkinson et al., 1997
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

Species MPK10603
Registration number MPK10604
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Paratype. Carapace, left valve. MS species in Wilkinson et al. (1997)
Reference Wilkinson et al., 1997

Author Wilkinson et al., 1997
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

Species MPK10603
Registration number MPA43727/c3
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Unfigured paratype. Right valve, internal.
MS species in Wilkinson et al. (1997)
Reference Wilkinson et al., 1997

Author Wilkinson et al., 1997
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

2.15 GENUS *MACRODENTINA*

2.15.1 Subgenus *Dictyocythere*

Species *retirugata*
Registration number MPK10083
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Fm, (=Portland Sand Mb)
Remarks Carapace, right valve, female
Reference Wilkinson et al., 1997

Author (Jones, 1885)
Previous registration MPA359
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species *retirugata*
Registration number MPK10084
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Fm, (=Portland Sand Mb)
Remarks Right valve, male
Reference Wilkinson et al., 1997

Author (Jones, 1885)
Previous registration MPA359
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

2.15.2 Subgenus *Macrodentina*

Species *cicatricosa*
Registration number MPK10075
Locality North Wootton Borehole
Depth (m) 116.70
Stratigraphy Kimmeridge Clay Formation, Bed 8
Remarks Left valve, male
References Wilkinson, 1983a; 1988

Author Malz, 1958b
Previous registration MPA2321
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *cicatricosa*
Registration number MPK10076
Locality North Wootton Borehole
Depth (m) 88.80
Stratigraphy Kimmeridge Clay Formation, Bed 23
Remarks Right valve, female
References Wilkinson, 1983a; 1988

Author Malz, 1958b
Previous registration MPA2321
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *cicatricosa*
Registration number MPA2321/c2
Locality North Wootton Borehole
Depth (m) 88.80
Stratigraphy Kimmeridge Clay Formation, Bed 23
Remarks Left valve, female
References Wilkinson, 1983a; 1988

Author Malz, 1958b
Previous registration
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

- Species** *cicatricosa*
Registration number MPA2321/c3
Locality North Wootton Borehole
Depth (m) 88.80
Stratigraphy Kimmeridge Clay Formation, Bed 23
Remarks Right valve, male
References Wilkinson, 1983a; 1988
- Author** Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *cicatricosa*
Registration number MPA2321/c8
Locality North Wootton Borehole
Depth (m) 88.8
Stratigraphy Kimmeridge Clay Formation, Bed 23
Remarks Right valve
- Author** Malz, 1958
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *cicatricosa*
Registration number MPA2321/c9
Locality North Wootton Borehole
Depth (m) 88.8
Stratigraphy Kimmeridge Clay Formation, Bed 23
Remarks Left valve
- Author** Malz, 1958
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *cicatricosa*
Registration number MPA2336/c2
Locality North Wootton Borehole
Depth (m) 116.7
Stratigraphy Kimmeridge Clay Formation, Bed 8
Remarks Left valve, female
References Wilkinson, 1983a; 1988
- Author** Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *cicatricosa*
Registration number MPA2336/c3
Locality North Wootton Borehole
Depth (m) 116.7
Stratigraphy Kimmeridge Clay Formation, Bed 8
Remarks Right valve, female
References Wilkinson, 1983a; 1988
- Author** Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *cicatricosa*
Registration number MPA2336/c4
Locality North Wootton Borehole
Depth (m) 116.7
Stratigraphy Kimmeridge Clay Formation, Bed 8
Remarks Right valve, female
References Wilkinson, 1983a; 1988
- Author** Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *intercostulata*
Registration number MPA2340/c5
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Right valve
References Wilkinson, 1983a; 1988
- Author** Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *intercostulata*
Registration number MPA2340/c16
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Right valve

Author Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *intercostulata*
Registration number MPA2340/c6
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Left valve
References Wilkinson, 1983a; 1988

Author Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *intercostulata*
Registration number MPA2340/c7
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Carapace, dorsal
References Wilkinson, 1983a; 1988

Author Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *intercostulata*
Registration number MPA2340/c8
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Left valve
References Wilkinson, 1983a; 1988

Author Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *intercostulata*
Registration number MPA2340/c9
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Right valve
References Wilkinson, 1983a; 1988

Author Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *intercostulata*
Registration number MPA2340/c10
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Right valve
References Wilkinson, 1983a; 1988

Author Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *intercostulata*
Registration number MPA2340/c11
Locality North Wootton Borehole
Depth (m) 117.9
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Right valve
References Wilkinson, 1983a; 1988

Author Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *intercostulata*
Registration number MPA2341/c2
Locality North Wootton Borehole
Depth (m) 118.2
Stratigraphy Kimmeridge Clay Formation, Bed 3
Remarks Left valve
References Wilkinson, 1983a; 1988

Author Malz, 1958
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *kingleri*
Registration number MPK10646
Locality Hunstanton Borehole
Depth (m) 123.03
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Right valve, female
References Wilkinson, 1988; Wilkinson et al., 1997

Author Malz, 1958b
Previous registration MPA15353/c3
NGR TF 6857 4078
Biostratigraphy Wheatleyensis Zone

Species *kingleri*
Registration number MPK10646
Locality Hunstanton Borehole
Depth (m) 123.03
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Right valve, female
References Wilkinson, 1988; Wilkinson et al., 1997

Author Malz, 1958b
Previous registration MPA15353/c3
NGR TF 6857 4078
Biostratigraphy Wheatleyensis Zone

Species *kingleri*
Registration number MPA15353/4
Locality Hunstanton Borehole
Depth (m) 123.03
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Left valve, male
References Wilkinson, 1988; Wilkinson et al., 1997

Author Malz, 1958b
NGR TF 6857 4078
Biostratigraphy Wheatleyensis Zone

Species *kingleri*
Registration number MPA15353/2
Locality Hunstanton Borehole
Depth (m) 123.03
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Left valve, female
References Wilkinson, 1988; Wilkinson et al., 1997

Author Malz, 1958b
NGR TF 6857 4078
Biostratigraphy Wheatleyensis Zone

Species *rugulata*
Registration number MPK10643
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Left valve, female
Reference Wilkinson et al., 1997

Author (Jones, 1885)
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

Species *rugulata*
Registration number MPK10644
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Left valve, male
Reference Wilkinson et al., 1997

Author (Jones, 1885)
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

Species *rugulata*
Registration number MPK10645
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Right valve, female
Reference Wilkinson et al., 1997

Author (Jones, 1885)
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

Species *transiens*
Registration number MPK10647
Locality Fairlight Borehole
Depth (m) 340.16
Stratigraphy Portland Formation, Portland Stone Member
Remarks Right valve
Reference Wilkinson et al., 1997

Author (Jones, 1885)
Previous registration MPA351
NGR TQ 8592 1173
Biostratigraphy ?Kerberus Zone

2.15.3 Subgenus *Polydentina*

Species *ornata*
Registration number MPA1127/c2
Locality North Wootton Borehole
Depth (m) 69.9
Stratigraphy Kimmeridge Clay Formation, Bed 30
Remarks Right valve
Reference Wilkinson, 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone

Species *parvapunctata*
Registration number MPA6754/2
Locality Mundford 'C' Borehole
Depth (m) 117.22
Stratigraphy Kimmeridge Clay Formation, Bed 18
Remarks Left valve
Reference Wilkinson, 1988

Author Kilenyi, 1969
NGR TL 7670 9132
Biostratigraphy Mutabilis Zone

Species *parvapunctata*
Registration number MPA6754/c3
Locality Mundford 'C' Borehole
Depth (m) 117.22
Stratigraphy Kimmeridge Clay Formation, Bed 18
Remarks Right valve

Author Kilenyi, 1969
NGR TL 7670 9132
Biostratigraphy Mutabilis Zone

Species *proclivis*, **Subspecies** *proclivis*
Registration number MPK3653
Locality North Wootton Borehole
Depth (m) 108.6
Stratigraphy Kimmeridge Clay Formation, Bed 15
Remarks Right valve
References Wilkinson, 1983a; 1988

Author Malz, 1958b
Previous registration MPA2329
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *proclivis*, **Subspecies** *proclivis*
Registration number MPA2329/c2
Locality North Wootton Borehole
Depth (m) 108.6
Stratigraphy Kimmeridge Clay Formation, Bed 15
Remarks Carapace, posterior
References Wilkinson, 1983a; 1988

Author Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

- Species** *proclivis*, **Subspecies** *proclivis*
Registration number MPA2329/c3
Locality North Wootton Borehole
Depth (m) 108.6
Stratigraphy Kimmeridge Clay Formation, Bed 15
Remarks Right valve
References Wilkinson, 1983a; 1988
- Author** Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *proclivis*, **Subspecies** *proclivis*
Registration number MPA2329/c4
Locality North Wootton Borehole
Depth (m) 108.6
Stratigraphy Kimmeridge Clay Formation, Bed 15
Remarks Carapace, dorsal
References Wilkinson, 1983a; 1988
- Author** Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** *proclivis*, **Subspecies** *proclivis*
Registration number MPA6767/c2
Locality Mundford 'C' Borehole
Depth (m) 119.21
Stratigraphy Kimmeridge Clay Formation, Bed 15?
Remarks Carapace
- Author** Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone
- Species** MPA2319
Registration number MPA2319/2
Locality North Wootton Borehole
Depth (m) 87.0
Stratigraphy Kimmeridge Clay Formation, Bed 25
Remarks Carapace, left valve.
 Referred to as *Macrodentina maculata* Malz, 1957 by Kilenyi (1978), this species differs in several ways and Wilkinson (1988, MS) separated the two species. Although appearing in manuscript as *M. (P.) pseudmaculata*, this species has not been formally described.
Reference Wilkinson, 1988
- Author** Wilkinson, 1988 MS
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone
- Species** MPA2319
Registration number MPA2319/3
Locality North Wootton Borehole
Depth (m) 87.0
Stratigraphy Kimmeridge Clay Formation, Bed 25
Remarks Carapace, right valve. See entry for MPA2319/2.
 Referred to as *M. (P.) pseudomaculata* in manuscript (Wilkinson, 1988) this species awaits formal description.
Reference Wilkinson, 1988
- Author** Wilkinson, 1988 MS
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone
- Species** MPA2319
Registration number MPA2319/4
Locality North Wootton Borehole
Depth (m) 87.0
Stratigraphy Kimmeridge Clay Formation, Bed 25
Remarks Right valve, internal. See entry for MPA2319/2
Reference Wilkinson, 1988
- Author** Wilkinson, 1988 MS
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone
- Species** MPA2319
Registration number MPA2319/5
Locality North Wootton Borehole
Depth (m) 87.0
Stratigraphy Kimmeridge Clay Formation, Bed 25
Remarks Left valve, internal. See entry for MPA2319/2
Reference Wilkinson, 1988
- Author** Wilkinson, 1988 MS
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone

Species MPA2319
Registration number MPA2319/6
Locality North Wootton Borehole
Depth (m) 87.0
Stratigraphy Kimmeridge Clay Formation, Bed 25
Remarks Carapace MS species, not formally described.

Author Wilkinson, 1988
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone

Species *pulchra*, **Subspecies** *gallica*
Registration number MPK10077
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Left valve
References Wilkinson, 1983a; 1988

Author Glahoff, 1964
Previous registration MPA2343
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *pulchra*, **Subspecies** *gallica*
Registration number MPA2342/c9
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Left valve

Author Glashoff, 1964
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *pulchra*, **Subspecies** *gallica*
Registration number MPA2342/c10
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Right valve

Author Glashoff, 1964
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *pulchra*, **Subspecies** *gallica*
Registration number MPA2343/c7
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Left valve
References Wilkinson, 1983a; 1988

Author Glahoff, 1964
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *pulchra*, **Subspecies** *gallica*
Registration number MPA2343/c8
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Left valve, internal
References Wilkinson, 1983a; 1988

Author Glahoff, 1964
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *rudis*
Registration number MPK10081
Locality Hartwell Borehole
Depth (m) 33.0
Stratigraphy Kimmeridge Clay Formation, Swindon Clay Member
Remarks Left Valve, female
Reference Wilkinson et al., 1997

Author Malz, 1958b
Previous registration MPA2824
NGR SP 7926 1223
Biostratigraphy Pallasioides Zone

- Species** *rudis*
Registration number MPK10082
Locality Hartwell Borehole
Depth (m) 33.0
Stratigraphy Kimmeridge Clay Formation, Swindon Clay Member
Biostratigraphy Pallasioides Zone
Remarks Right valve, male
Reference Wilkinson et al., 1997
- Author** Malz, 1958b
Previous registration MPA2824
NGR SP 7926 1223
Biostratigraphy Pallasioides Zone
- Species** *cf rudis*
Registration number MPA2824
Locality Hartwell Borehole
Depth (m) 33.0
Stratigraphy Kimmeridge Clay Formation, Swindon Clay Member
Remarks Left valve, juvenile
Reference Wilkinson et al., 1997
- Author** Malz, 1958b
NGR SP 7926 1223
Biostratigraphy Pallasioides Zone
- Species** *steghausi*, **Subspecies** *steghausi*
Registration number MPA2316/c2
Locality North Wootton Borehole
Depth (m) 80.1
Stratigraphy Kimmeridge Clay Formation, Bed 28
Remarks Left valve, female
References Wilkinson, 1983a; 1988
- Author** Klingler, 1955
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone
- Species** *steghausi*, **Subspecies** *steghausi*
Registration number MPA2316/c3
Locality North Wootton Borehole
Depth (m) 80.1
Stratigraphy Kimmeridge Clay Formation, Bed 28
Remarks Right valve, female
References Wilkinson, 1983a; 1988
- Author** Klingler, 1955
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone
- Species** *steghausi*, **Subspecies** *steghausi*
Registration number MPA2316/c4
Locality North Wootton Borehole
Depth (m) 80.1
Stratigraphy Kimmeridge Clay Formation, Bed 28
Remarks Right valve, male
References Wilkinson, 1983a; 1988
- Author** Klingler, 1955
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone
- Species** *steghausi*, **Subspecies** *steghausi*
Registration number MPA2320/c4
Locality North Wootton Borehole
Depth (m) 87.9
Stratigraphy Kimmeridge Clay Formation, Bed 24
Remarks Right valve
- Author** Klingler, 1955
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone
- Species** *woottonensis*
Registration number MPA16760/c2
Locality North Wootton Borehole
Depth (m) 27.9
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve ventral
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

- Species** *woottonensis*
Registration number MPA16760/c3
Locality North Wootton Borehole
Depth (m) 27.9
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve internal
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone
- Species** *woottonensis*
Registration number MPA16760/c4
Locality North Wootton Borehole
Depth (m) 27.9
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Right valve ventral
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone
- Species** *woottonensis*
Registration number MPK3671
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Paratype, right valve
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration MPA2299
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone
- Species** *woottonensis*
Registration number MPK3672
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Holotype, left valve
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration MPA2299
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone
- Species** *woottonensis*
Registration number MPK3673
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Paratype, carapace, dorsal
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration MPA2299
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone
- Species** *woottonensis*
Registration number MPK3674
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Paratype, carapace, left valve (spinose) (erroneously MPK3671 in plate caption)
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration MPA2299
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone
- Species** *woottonensis*
Registration number MPA2299/c8
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve (juvenile)
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *woottonensis*
Registration number MPA2299/c9
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve (juvenile) (internal)
References Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *woottonensis*
Registration number MPA2299/c18
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *woottonensis*
Registration number MPA2299/c19
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

2.16 GENUS *MANDELSTAMIA*

2.16.1 Subgenus *Mandelstamia*

Species *angulata*
Registration number MPA2342/c11
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Right valve

Author Kilenyi, 1961
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *rectilinea*
Registration number MPK3667
Locality North Wootton Borehole
Depth (m) 108.6
Stratigraphy Kimmeridge Clay Formation, Bed 15
Remarks Right valve, female
References Wilkinson, 1983a; 1988

Author Malz, 1958b
Previous registration MPA2329
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *rectilinea*
Registration number MPK3668
Locality North Wootton Borehole
Depth (m) 108.6
Stratigraphy Kimmeridge Clay Formation, Bed 15
Remarks Left valve, male
References Wilkinson, 1983a; 1988

Author Malz, 1958b
Previous registration MPA2329
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *rectilinea*
Registration number MPA2329/c5
Locality North Wootton Borehole
Depth (m) 108.6
Stratigraphy Kimmeridge Clay Formation, Bed 15
Remarks Carapace, female, dorsal
References Wilkinson, 1983a; 1988

Author Malz, 1958b
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *rectilinea*
Registration number MPA2329/c6
Locality North Wootton Borehole
Depth (m) 108.6
Stratigraphy Kimmeridge Clay Formation, Bed 15
Remarks Right valve, male

Author Malz, 1958
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *rectilinea*
Registration number MPA2329/c7
Locality North Wootton Borehole
Depth (m) 108.6
Stratigraphy Kimmeridge Clay Formation, Bed 15
Remarks Right valve, female

Author Malz, 1958
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

Species *rectilinea*
Registration number MPK2505
Locality Winterborne Kingston Borehole
Depth (m) 372
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve, male
Reference Wilkinson, 1982

Author Malz, 1958b
Previous registration MPA946
NGR SY 8470 9796
Biostratigraphy ?Mutabilis Zone

Species *rectilinea*
Registration number MPK2506
Locality Winterborne Kingston Borehole
Depth (m) 372
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve, female
Reference Wilkinson, 1982

Author Malz, 1958b
Previous registration MPA946
NGR SY 8470 9796
Biostratigraphy ?Mutabilis Zone

2.16.2 Subgenus *Xeromandelstamia*

Species *maculata*
Registration number MPA16774/c2
Locality North Wootton Borehole
Depth (m) 39.2
Stratigraphy Kimmeridge Clay Formation, Bed 41
Remarks Left valve ventral
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1961
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *maculata*
Registration number MPA16774/c3
Locality North Wootton Borehole
Depth (m) 39.2
Stratigraphy Kimmeridge Clay Formation, Bed 41
Remarks Right valve internal
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1961
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *maculata*
Registration number MPA16774/c4
Locality North Wootton Borehole
Depth (m) 39.2
Stratigraphy Kimmeridge Clay Formation, Bed 41
Remarks Left valve internal
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1961
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *maculata*
Registration number MPA167745
Locality North Wootton Borehole
Depth (m) 39.2
Stratigraphy Kimmeridge Clay Formation, Bed 41
Remarks Right valve ventral
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1961
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *maculata*
Registration number MPK3657
Locality North Wootton Borehole
Depth (m) 35.1
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Right valve, female
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1961
Previous registration SAC1120
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *maculata*
Registration number MPK3678
Locality North Wootton Borehole
Depth (m) 35.1
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Left valve, male
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1961
Previous registration SAC1120
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *maculata*
Registration number SAC1120/c3
Locality North Wootton Borehole
Depth (m) 35.1
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Carapace, left valve
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1961
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *maculata*
Registration number SAC1120/c4
Locality North Wootton Borehole
Depth (m) 35.1
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Carapace, dorsal
References Wilkinson 1983a, b; 1988

Author Kilenyi, 1961
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *maculata*
Registration number SAC1120/c5
Locality North Wootton Borehole
Depth (m) 35.1
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Left valve, internal
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1961
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *maculata*
Registration number SAC1120/c6
Locality North Wootton Borehole
Depth (m) 35.1
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Right valve, internal
References Wilkinson, 1983a, b; 1988

Author Kilenyi, 1961
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *tumida*
Registration number SAC1120/c7
Locality North Wootton Borehole
Depth (m) 35.1
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Left valve, female

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *tumida*
Registration number SAC1120/c8
Locality North Wootton Borehole
Depth (m) 35.1
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Right valve, female

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *tumida*
Registration number MPA16758/c4
Locality North Wootton Borehole
Depth (m) 25.2
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve, male
References Wilkinson, 1983a, b; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *tumida*
Registration number MPA16758/c5
Locality North Wootton Borehole
Depth (m) 25.2
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve, male
References Wilkinson, 1983a, b; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *tumida*
Registration number MPA13152/c5
Locality North Wootton Borehole
Depth (m) 25.2
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve, female
References Wilkinson, 1983a, b; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *tumida*
Registration number MPA17438/c2
Locality North Wootton Borehole
Depth (m) 26.4
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve
References Wilkinson, 1983a, b; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *tumida*
Registration number MPA17438/c3
Locality North Wootton Borehole
Depth (m) 26.4
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve, female
References Wilkinson, 1983a, b; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *tumida*
Registration number MPA17438/c4
Locality North Wootton Borehole
Depth (m) 26.4
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve, male
References Wilkinson, 1983a, b; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

2.17 GENUS *MICROMMATOCYTHERE*

Species *edmundi*
Registration number MPK3659
Locality North Wootton Borehole
Depth (m) 114.9
Stratigraphy Kimmeridge Clay Formation, Bed 11
Remarks Holotype and genotype. Carapace, right valve
References Wilkinson, 1983a; 1988

Author Wilkinson, 1983a
Previous registration MPA2333
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *edmundi*
Registration number MPK3660
Locality North Wootton Borehole
Depth (m) 114.9
Stratigraphy Kimmeridge Clay Formation, Bed 11
Remarks Paratype. Right valve, internal
References Wilkinson, 1983a; 1988

Author Wilkinson, 1983a
Previous registration MPA2333
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *edmundi*
Registration number MPK3661
Locality North Wootton Borehole
Depth (m) 114.9
Stratigraphy Kimmeridge Clay Formation, Bed 11
Remarks Holotype and genotype. Carapace, left valve
References Wilkinson, 1983a; 1988

Author Wilkinson, 1983a
Previous registration MPA2333
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *edmundi*
Registration number MPK3932
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Paratype. Right valve. Camera lucida drawing published
References Wilkinson, 1983a; 1988

Author Wilkinson, 1983a
Previous registration MPA2342
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *edmundi*
Registration number MPA2342/c5
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Paratype. Left valve. Unfigured paratype.
References Wilkinson, 1983a; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *edmundi*
Registration number MPA2334/c6
Locality North Wootton Borehole
Depth (m) 115.5
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Left valve. Unfigured.
References Wilkinson, 1983a; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

- Species** *edmundi*
Registration number MPA2334/c7
Locality North Wootton Borehole
Depth (m) 115.5
Stratigraphy Kimmeridge Clay Formation, Bed 10
Remarks Carapace
References Wilkinson, 1983a; 1988
- Author** Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone
- Species** *edmundi*
Registration number MPA2342/c3
Locality North Wootton Borehole
Depth (m) 118.80
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Right valve
References Wilkinson, 1983a; 1988
- Author** Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Baylei Zone
- Species** *edmundi*
Registration number MPA2342/c4
Locality North Wootton Borehole
Depth (m) 118.80
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Left valve
References Wilkinson, 1983a; 1988
- Author** Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Baylei Zone
- Species** MPK10628
Registration number MPK10628
Locality Fairlight Borehole
Depth (m) 395.02
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, left valve
Reference Wilkinson et al., 1997
- Author** Wilkinson et al., 1997
Previous registration MPA369
NGR TQ 8592 1173
Biostratigraphy Pallasioides Zone
- Species** MPK10628
Registration number MPK10629
Locality Hartwell Borehole
Depth (m) 46.25-.38
Stratigraphy Kimmeridge Clay Formation, Watermead Clay Member
Remarks Carapace, right valve. This manuscript species (Wilkinson et al., 1977) will be formally described in the near future.
Reference Wilkinson et al., 1997
- Author** Wilkinson et al., 1997
Previous registration MPA43731
NGR SP 7926 1223
Biostratigraphy Hudlestoni Zone
- Species** cf. MPK10628
Registration number MPA2299/c10
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve
Reference Wilkinson et al., 1997
- Author** Wilkinson et al., 1997
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone
- Species** cf. MPK10268
Registration number MPA2299/c11
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve
Reference Wilkinson et al., 1997
- Author** Wilkinson et al., 1997
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species MPA368
Registration number MPK10630
Locality Fairlight Borehole
Depth (m) 395.02
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, left valve
Reference Wilkinson et al., 1997

Author Wilkinson et al., 1997
Previous registration MPA368
NGR TQ 8592 1173
Biostratigraphy Pallasioides Zone

2.18 GENUS *NODOPHTHALMOCYTHERE*

Species *tripartita*
Registration number MPK3677
Locality North Wootton Borehole
Depth (m) 99.0
Stratigraphy Kimmeridge Clay Formation, Bed 16
Remarks Carapace, right valve
References Wilkinson, 1983a; 1988

Author Malz, 1958a
Previous registration MPA2325
NGR TF 6439 2457
Biostratigraphy Mutabilis Zone

2.19 GENUS *PARACYPRIS*

Species *problematica*
Registration number MPK10605
Locality Fairlight Borehole
Depth (m) 391.97
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, left valve
Reference Wilkinson et al., 1997

Author Kilenyi, 1969
Previous registration MPA368
NGR TQ 8592 1173
Biostratigraphy Pallasioides Zone

Species *problematica*
Registration number MPK10606
Locality Fairlight Borehole
Depth (m) 391.97
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, right valve
Reference Wilkinson et al., 1997

Author Kilenyi, 1969
Previous registration MPA368
NGR TQ 8592 1173
Biostratigraphy Pallasioides Zone

Species sp
Registration number MPK10607
Locality Hartwell Borehole
Depth (m) 6.0
Stratigraphy Portland Formation, Portland Stone Member
Remarks Right valve
Reference Wilkinson et al., 1997

Author sensu Barker, 1966
Previous registration MPA2815
NGR SP 7926 1223
Biostratigraphy Kerberus Zone

Species sp
Registration number MPK10608
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Left valve, damaged
Reference Wilkinson et al., 1997

Author sensu Barker, 1966
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

2.20 GENUS *PARALESLEYA*

Species *perforata*

Registration number MPK10648

Locality Tisbury Borehole

Depth (m) 48.20

Stratigraphy Kimmeridge Clay Formation

Remarks Right valve

Reference Wilkinson et al., 1997

Author Witte & Lissenberg, 1991

Previous registration MPA2722

NGR ST 9359 2907

Biostratigraphy Fittoni Zone

2.21 GENUS *PARANOTACYTHERE*

2.21.1 Subgenus *Paranotacythere*

Species sp. d

Registration number MPK10649

Locality Nettleton Bottom Borehole

Depth (m) 35.0

Stratigraphy Kimmeridge Clay Formation, Bed 44

Remarks Carapace, left valve. (= *P.* sp.d of Wilkinson, 1983b). *Paranotacythere* (*P.*) sp. d was given the manuscript name *P. (P.) primogenitus* (Wilkinson, 1988) and awaits formal publication.

References Wilkinson, 1983b, 1988; Wilkinson et al., 1997

Author Wilkinson MS, 1983b

Previous registration MPA15071/2

NGR TF 1245 9823

Biostratigraphy Hudlestoni Zone

Species sp. d

Registration number MPK10650

Locality Nettleton Bottom Borehole

Depth (m) 35.0

Stratigraphy Kimmeridge Clay Formation, Bed 44

Remarks Paratype, right valve. (= *P.* sp.d of Wilkinson, 1983b)

References Wilkinson, 1983b, 1988; Wilkinson et al., 1997

Author Wilkinson, 1983b

Previous registration MPA15071/3

NGR TF 1245 9823

Biostratigraphy Hudlestoni Zone

Species sp. d

Registration number MPA15071/c4

Locality Nettleton Bottom Borehole

Depth (m) 35.0

Stratigraphy Kimmeridge Clay Formation, Bed 44

Remarks Right valve. (= *P.* sp.d of Wilkinson, 1983b).

Figured in Wilkinson et al. (1997) where the MS name *P. (P.) primogenitus* was used.

References Wilkinson, 1983b, 1988; Wilkinson et al., 1997

Author Wilkinson, 1983b

NGR TF 1245 9823

Biostratigraphy Hudlestoni Zone

Species sp. d

Registration number MPA15071/c5

Locality Nettleton Bottom Borehole

Depth (m) 35.0

Stratigraphy Kimmeridge Clay Formation, Bed 44

Remarks Right valve (juvenile). (= *P.* sp.d of Wilkinson, 1983b)

References Wilkinson, 1983b, 1988; Wilkinson et al., 1997

Author Wilkinson, 1983b

NGR TF 1245 9823

Biostratigraphy Hudlestoni Zone

Species sp. d

Registration number MPA15071/c6

Locality Nettleton Bottom Borehole

Depth (m) 35.0

Stratigraphy Kimmeridge Clay Formation, Bed 44

Remarks Left valve. (= *P.* sp.d of Wilkinson, 1983b)

References Wilkinson, 1983b, 1988; Wilkinson et al., 1997

Author Wilkinson, 1983b

NGR TF 1245 9823

Biostratigraphy Hudlestoni Zone

Species sp. d
Registration number MPA15071/c7
Locality Nettleton Bottom Borehole
Depth (m) 35.0
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Right valve. (=P. sp.d of Wilkinson, 1983b)
References Wilkinson, 1983b, 1988; Wilkinson et al., 1997

Author Wilkinson, 1983b
NGR TF 1245 9823
Biostratigraphy Hudlestoni Zone

2.21.2 Subgenus *Unicosta*

Species *caputmotuum*
Registration number MPK10066
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Formation, Portland Sand Member
Remarks Right valve, female
Reference Wilkinson et al., 1997

Author Martin, 1957
Previous registration MPA359
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species *caputmotuum*
Registration number MPK10067
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Formation, Portland Sand Member
Remarks Carapace, left valve, male
Reference Wilkinson et al., 1997

Author Martin, 1957
Previous registration MPA359
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species aff. *caputmortuum*
Registration number MPA16756/c2
Locality North Wootton Borehole
Depth (m) 22.5
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve (damaged). (=P. sp.c of Wilkinson, 1983a)
References Wilkinson, 1983a; Wilkinson et al., 1997

Author (Martin, 1957)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species aff. *caputmortuum*
Registration number MPA16756/c3
Locality North Wootton Borehole
Depth (m) 22.5
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Carapace, right valve. (=P. sp.c of Wilkinson, 1983a)
References Wilkinson, 1983a; Wilkinson et al., 1997

Author (Martin, 1957)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species aff. *caputmortuum*
Registration number MPA16756/c4
Locality North Wootton Borehole
Depth (m) 22.5
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve. (=P. sp.c of Wilkinson, 1983a)
References Wilkinson, 1983a; Wilkinson et al., 1997

Author (Martin, 1957)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species aff. *caputmortuum*
Registration number MPA16756/c5
Locality North Wootton Borehole
Depth (m) 22.5
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve. (=P. sp.c of Wilkinson, 1983a)
References Wilkinson, 1983a; Wilkinson et al., 1997

Author (Martin, 1957)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *effusa*
Registration number MPK3669
Locality North Wootton Borehole
Depth (m) 40.4
Stratigraphy Kimmeridge Clay Formation, Bed 40
Remarks Right valve
References Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
Previous registration MPA6813
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *effusa*
Registration number MPK3670
Locality North Wootton Borehole
Depth (m) 40.4
Stratigraphy Kimmeridge Clay Formation, Bed 40
Remarks Left valve
References Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
Previous registration MPA6813
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *effusa*
Registration number MPA6813/c2
Locality North Wootton Borehole
Depth (m) 40.4
Stratigraphy Kimmeridge Clay Formation, Bed 40
Remarks Right valve
References Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *effusa*
Registration number MPA6813/c3
Locality North Wootton Borehole
Depth (m) 40.4
Stratigraphy Kimmeridge Clay Formation, Bed 40
Remarks Left valve
References Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Wheatleyensis Zone

Species *effusa*
Registration number MPA16767/c2
Locality North Wootton Borehole
Depth (m) 33.3
Stratigraphy Kimmeridge Clay Formation, Bed 43
Remarks Left valve

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *effusa*
Registration number MPA16779/c2
Locality North Wootton Borehole
Depth (m) 43.4
Stratigraphy Kimmeridge Clay Formation, Bed 38
Remarks Right valve, internal
References Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Scitulus Zone

Species *effusa*
Registration number MPA16779/c3
Locality North Wootton Borehole
Depth (m) 43.4
Stratigraphy Kimmeridge Clay Formation, Bed 38
Remarks Right valve, ventral. Specimen damaged in SEM.
References Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Scitulus Zone

Species *extendata*
Registration number MPK3675
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Left valve
References Wilkinson, 1983a; 1988

Author Bassiouni, 1974
Previous registration MPA2343
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *extendata*
Registration number MPK10069
Locality North Wootton Borehole
Depth (m) 87.0
Stratigraphy Kimmeridge Clay Formation, Bed 25
Remarks Left valve
References Wilkinson & Whatley, in press

Author Bassiouni, 1974
Previous registration MPA2319
NGR TF 6439 2457
Biostratigraphy Eudoxus Zone

Species *extendata*
Registration number MPA2332
Locality North Wootton Borehole
Depth (m) 113.4
Stratigraphy Kimmeridge Clay Formation, Bed 12
Remarks Right valve
References Wilkinson, 1983a; 1988

Author Bassiouni, 1974
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *cf. nealei*
Registration number MPA16771
Locality North Wootton Borehole
Depth (m) 34.5
Stratigraphy Kimmeridge Clay Formation, Bed 42
Remarks Right valve
References Wilkinson, 1983a, b; 1988

Author Bassiouni, 1974
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *rimosa*
Registration number MPA351/c2
Locality Fairlight Borehole
Depth (m) 340.16
Stratigraphy Portland Formation, Portland Stone Member
Remarks Right valve
Reference Wilkinson et al., 1997

Author Martin, 1940
NGR TQ 8592 1173
Biostratigraphy ?Kerberus Zone

Species *rimosa*
Registration number MPA351/c3
Locality Fairlight Borehole
Depth (m) 340.16
Stratigraphy Portland Formation, Portland Stone Member
Remarks Right valve
Reference Wilkinson et al., 1997

Author Martin, 1940
NGR TQ 8592 1173
Biostratigraphy ?Kerberus Zone

Species *rimosa*
Registration number MPK10632
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Carapace, dorsal view
Reference Wilkinson et al., 1997

Author (Martin, 1940)
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

Species *rimosa*
Registration number MPK10631
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Left valve
Reference Wilkinson et al., 1997

Author (Martin, 1940)
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

Species *rimosa*
Registration number MPK10633
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Right valve
Reference Wilkinson et al., 1997

Author (Martin, 1940)
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

Species MPA358
Registration number MPK10634
Locality Fairlight Borehole
Depth (m) 361.49
Stratigraphy Portland Formation, Portland Sand Member
Remarks Left valve
Reference Wilkinson et al., 1997

Author Wilkinson et al., 1997
Previous registration MPA358
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species MPA358
Registration number MPK10635
Locality Fairlight Borehole
Depth (m) 361.49
Stratigraphy Portland Formation, Portland Sand Member
Remarks Right valve
Reference Wilkinson et al., 1997

Author Wilkinson et al., 1997
Previous registration MPA358
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species sp. A
Registration number MPA2304
Locality North Wootton Borehole
Depth (m) 43.7
Stratigraphy Kimmeridge Clay Formation, Bed 38
Remarks Right valve
References Wilkinson, 1983a, b; 1988

Author Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Scitulus Zone

2.22 GENUS *PRAESCHULERIDEA*

Species *buglensis*
Registration number MPK10626
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Left valve
Reference Wilkinson et al., 1997

Author Barker, 1966
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone

2.23 GENUS *PROCYTHEROPTERON*

- Species** *barkeri*
Registration number MPK10640
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Right valve
Reference Wilkinson et al., 1997
- Author** Anderson, 1971
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone
- Species** *barkeri*
Registration number MPK10638
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Right valve
Reference Wilkinson et al., 1997
- Author** Anderson, 1971
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone
- Species** *barkeri*
Registration number MPK10639
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Left valve
Reference Wilkinson et al., 1997
- Author** Anderson, 1971
Previous registration MPA43727
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone
- Species** *barkeri*
Registration number MPA43727/c4
Locality Hartwell Borehole
Depth (m) 4.99
Stratigraphy Purbeck Formation, 'Pendle'
Remarks Left valve, female
Reference Wilkinson et al., 1997
- Author** Anderson, 1971
NGR SP 7926 1223
Biostratigraphy Anguiformis Zone
- Species** *bicostata*
Registration number MPK10065
Locality Tisbury Borehole
Depth (m) 40.5
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve
Reference Wilkinson et al., 1997
- Author** Barker, 1966
Previous registration MPA2719
NGR ST 9359 2907
Biostratigraphy
- Species** MPA15361
Registration number MPA15361/c7
Locality Hunstanton Borehole
Depth (m) 128.35
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Left valve
References Wilkinson, 1983 b; 1988
- Author** Wilkinson, 1983b
NGR TF 6857 4078
Biostratigraphy Scitulus Zone

2.24 GENUS *PROHUTSONIA*

Species *elongata*

Registration number MPK10068
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Formation, Wardour Member
Remarks Carapace, right valve. Erroneously MPK10086 in Wilkinson et al., 1997
Reference Wilkinson et al., 1997

Author (Barker, 1966)
Previous registration MPA359
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species *elongata*

Registration number MPK10636
Locality Fairlight Borehole
Depth (m) 364.54
Stratigraphy Portland Formation, Wardour Member
Remarks Carapace, left valve, female
Reference Wilkinson et al., 1997

Author (Barker, 1966)
Previous registration MPA359
NGR TQ 8592 1173
Biostratigraphy Glaucolithus Zone

Species *pustulata*

Registration number MPK10070
Locality Fairlight Borehole
Depth (m) 391.97
Stratigraphy Kimmeridge Clay Formation
Remarks Carapace, left valve
Reference Wilkinson et al., 1997

Author (Kilenyi, 1969)
Previous registration MPA368
NGR TQ 8592 1173
Biostratigraphy Pallasioides Zone

Species *pustulata*

Registration number MPK10637
Locality Fairlight Borehole
Depth (m) 391.97
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve
Reference Wilkinson et al., 1997

Author (Kilenyi, 1969)
Previous registration MPA368
NGR TQ 8592 1173
Biostratigraphy Pallasioides Zone

Species *pustulata*

Registration number MPA2299/c12
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Carapace
References Wilkinson, 1983a, b; 1988

Author (Kilenyi, 1969)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *pustulata*

Registration number MPA2299/c13
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve
References Wilkinson, 1983a, b; 1988

Author (Kilenyi, 1969)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *pustulata*

Registration number MPA2299/c16
Locality North Wootton Borehole
Depth (m) 24.60
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve

Author (Kilenyi, 1969)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *pustulata*
Registration number MPA2299/c1
Locality North Wootton Borehole
Depth (m) 24.60
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve

Author (Kilenyi, 1969)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *pustulata*
Registration number MPA13152/c6
Locality Skegness Borehole
Depth (m) 125.61
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve
References Wilkinson, 1983b; 1988

Author (Kilenyi, 1978)
NGR TF 5711 6398
Biostratigraphy Hudlestoni Zone

Species *pustulata*
Registration number MPA13152/c7
Locality Skegness Borehole
Depth (m) 125.61
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve
References Wilkinson, 1983b; 1988

Author (Kilenyi, 1978)
NGR TF 5711 6398
Biostratigraphy Hudlestoni Zone

Species *cf. pustulata*
Registration number MPA16761/2
Locality North Wootton Borehole
Depth (m) 28.8
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve
References Wilkinson, 1983a; b

Author (Kilenyi, 1969)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *pustulata*
Registration number MPA2299/c6
Locality North Wootton Borehole
Depth (m) 24.60
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve
Reference Wilkinson, 1988

Author (Kilenyi, 1969)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *pustulata*
Registration number MPA2299/c7
Locality North Wootton Borehole
Depth (m) 24.60
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve
Reference Wilkinson, 1988

Author (Kilenyi, 1969)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *cf. pustulata*
Registration number MPA16761/3
Locality North Wootton Borehole
Depth (m) 28.8
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Right valve
References Wilkinson, 1983a; b

Author (Kilenyi, 1969)
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

2.25 GENUS *RECTOCYTHERE*

2.25.1 Subgenus *Lydicythere*

- Species** *horrida*
Registration number MPA6814/c6
Locality North Wootton Borehole
Depth (m) 42.5
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Left valve, unfiguerd paratype
Author (Wilkinson, 1983a)
NGR TF 6439 2457
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPA15361/c2
Locality Hunstanton Borehole
Depth (m) 128.35
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Carapace, dorsal
References Wilkinson, 1983b; 1988
Author (Wilkinson, 1983a)
NGR TF 6857 4078
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPA15361/c3
Locality Hunstanton Borehole
Depth (m) 128.35
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Right valve
References Wilkinson, 1983b; 1988
Author (Wilkinson, 1983a)
NGR TF 6857 4078
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPA15361/c4
Locality Hunstanton Borehole
Depth (m) 128.35
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Left valve, internal
References Wilkinson, 1983b; 1988
Author (Wilkinson, 1983a)
NGR TF 6857 4078
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPA15361/c5
Locality Hunstanton Borehole
Depth (m) 128.35
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Right valve, internal
References Wilkinson, 1983b; 1988
Author (Wilkinson, 1983a)
NGR TF 6857 4078
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPA15361/c6
Locality Hunstanton Borehole
Depth (m) 128.35
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Left valve, ventral
References Wilkinson, 1983b; 1988
Author (Wilkinson, 1983a)
NGR TF 6857 4078
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPK3663
Locality North Wootton Borehole
Depth (m) 42.5
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Paratype, right valve
References Wilkinson, 1983a, b; 1988
Author (Wilkinson, 1983a)
Previous registration MPA6814
NGR TF 6439 2457
Biostratigraphy Scitulus Zone

- Species** *horrida*
Registration number MPK3664
Locality North Wootton Borehole
Depth (m) 42.5
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Holotype, left valve
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration MPA6814
NGR TF 6439 2457
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPK3665
Locality North Wootton Borehole
Depth (m) 42.5
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Paratype, left valve, dorsal
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration MPA6814
NGR TF 6439 2457
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPK3666
Locality North Wootton Borehole
Depth (m) 42.5
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Paratype, carapace, dorsal
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration MPA6814
NGR TF 6439 2457
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPA6814/c2
Locality North Wootton Borehole
Depth (m) 42.5
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Unfigured paratype, right valve
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
NGR TF 6439 2457
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPA6814/c3
Locality North Wootton Borehole
Depth (m) 42.5
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Unfigured paratype, right valve
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration
NGR TF 6439 2457
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPA6814/c4
Locality North Wootton Borehole
Depth (m) 42.5
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Unfigured paratype, left valve
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration
NGR TF 6439 2457
Biostratigraphy Scitulus Zone
- Species** *horrida*
Registration number MPA6814/c5
Locality North Wootton Borehole
Depth (m) 42.5
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Unfigured paratype, left valve
References Wilkinson, 1983a, b; 1988
- Author** Wilkinson, 1983a
Previous registration
NGR TF 6439 2457
Biostratigraphy Scitulus Zone

Species *viceralis*
Registration number MPK10641
Locality Hartwell Borehole
Depth (m) 11.90
Stratigraphy Portland Formation, Portland Sand Member
Remarks Left valve
References Wilkinson et al., 1997

Author (Anderson, 1941)
Previous registration MPA2817
NGR SP 7926 1223
Biostratigraphy Okusensis Zone

2.26 GENUS *SCHULERIDEA*

Species *moderata*
Registration number MPA2299/c14
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Carapace, right valve
References Wilkinson, 1983a, b; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *moderata*
Registration number MPA2299/c15
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve
References Wilkinson, 1983a, b; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *moderata*
Registration number MPA2300/c3
Locality North Wootton Borehole
Depth (m) 30.9
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Right valve

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *moderata*
Registration number MPA2300/c4
Locality North Wootton Borehole
Depth (m) 30.9
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve

Author Christensen & Kilenyi, 1970
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *moderata*
Registration number MPK10060
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Right valve
References Wilkinson, 1983a, b, 1988; Wilkinson & Whatley, in press

Author Christensen & Kilenyi, 1970
Previous registration MPA2299/c2
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *moderata*
Registration number MPK10059
Locality North Wootton Borehole
Depth (m) 24.6
Stratigraphy Kimmeridge Clay Formation, Bed 45
Remarks Left valve
References Wilkinson, 1983a, b, 1988; Wilkinson & Whatley, in press

Author Christensen & Kilenyi, 1970
Previous registration MPA2299/c3
NGR TF 6439 2457
Biostratigraphy Hudlestoni Zone

Species *moderata*
Registration number MPA15340
Locality Hunstanton Borehole
Depth (m) 110.06
Stratigraphy Kimmeridge Clay Formation, Bed 44
Remarks Left valve, internal
References Wilkinson, 1983b; 1988

Author Christensen & Kilenyi, 1970
NGR TF 6857 4078
Biostratigraphy Hudlestoni Zone

Species *moderata*
Registration number MPK10622
Locality Tisbury Borehole
Depth (m) 81.0m
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve, female
Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970
Previous registration MPA2635
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *moderata*
Registration number MPK10623
Locality Tisbury Borehole
Depth (m) 81.0m
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve, female
Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970
Previous registration MPA2635
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *moderata*
Registration number MPK10624
Locality Tisbury Borehole
Depth (m) 81.0m
Stratigraphy Kimmeridge Clay Formation
Remarks Right valve, male
Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970
Previous registration MPA2635
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *moderata*
Registration number MPK10625
Locality Tisbury Borehole
Depth (m) 81.0m
Stratigraphy Kimmeridge Clay Formation
Remarks Left valve, male
Reference Wilkinson et al., 1997

Author Christensen & Kilenyi, 1970
Previous registration MPA2635
NGR ST 9359 2907
Biostratigraphy Rotunda Zone

Species *triebeli*
Registration number MPA2333/c4
Locality North Wootton Borehole
Depth (m) 114.9
Stratigraphy Kimmeridge Clay Formation, Bed 11
Remarks Left valve, internal, female
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebeli*
Registration number MPA2333/c5
Locality North Wootton Borehole
Depth (m) 114.9
Stratigraphy Kimmeridge Clay Formation, Bed 11
Remarks Right valve, internal, female
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebelsi*
Registration number MPK10061
Locality North Wootton Borehole
Depth (m) 114.9
Stratigraphy Kimmeridge Clay Formation, Bed 11
Remarks Carapace, left valve, female
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
Previous registration MPA2333
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebelsi*
Registration number MPK10062
Locality North Wootton Borehole
Depth (m) 114.9
Stratigraphy Kimmeridge Clay Formation, Bed 11
Remarks Carapace, left valve, female
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
Previous registration MPA2333
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebelsi*
Registration number MPA2339/c2
Locality North Wootton Borehole
Depth (m) 117.6
Stratigraphy Kimmeridge Clay Formation, Bed 5
Remarks Left valve, internal. Small female showing precocious sexual dimorphism
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebelsi*
Registration number MPA2339/c3
Locality North Wootton Borehole
Depth (m) 117.6
Stratigraphy Kimmeridge Clay Formation, Bed 5
Remarks Carapace, left valve. Small male showing precocious sexual dimorphism
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebelsi*
Registration number MPA2339/c4
Locality North Wootton Borehole
Depth (m) 117.6
Stratigraphy Kimmeridge Clay Formation, Bed 5
Remarks Carapace, left valve. Small female showing precocious sexual dimorphism
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebelsi*
Registration number MPA2339/c5
Locality North Wootton Borehole
Depth (m) 117.6
Stratigraphy Kimmeridge Clay Formation, Bed 5
Remarks Right valve. Small male showing precocious sexual dimorphism
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebelsi*
Registration number MPA2339/c6
Locality North Wootton Borehole
Depth (m) 117.6
Stratigraphy Kimmeridge Clay Formation, Bed 5
Remarks Carapace, right valve. Small female showing precocious sexual dimorphism
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebelsi*
Registration number MPA2342/c12
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Left valve, female

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *triebelsi*
Registration number MPA2342/c13
Locality North Wootton Borehole
Depth (m) 118.8
Stratigraphy Kimmeridge Clay Formation, Bed 2
Remarks Right valve, male

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Baylei Zone

Species *triebelsi*
Registration number MPA2343/c9
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Right valve, male
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

Species *triebelsi*
Registration number MPA2343/c10
Locality North Wootton Borehole
Depth (m) 119.1
Stratigraphy Kimmeridge Clay Formation, Bed 1/2
Remarks Left valve, male
References Wilkinson, 1983a; 1988

Author (Steghaus, 1951)
NGR TF 6439 2457
Biostratigraphy Cymodoce Zone

2.27 GENUS INDET

Species indet
Registration number MPA15361/c8
Locality Hunstanton Borehole
Depth (m) 128.35
Stratigraphy Kimmeridge Clay Formation, Bed 39
Remarks Left valve
References Wilkinson, 1983a; 1988

NGR TF 6857 4078
Biostratigraphy Scitulus Zone

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