

## APPENDIX 2

### Calcareous nannoplankton distribution pattern in samples from the Stare Bystre Formation

Alphabetical listing of nannoplankton taxa based on the samples from the Stare Bystre Formation:

*Biantholithus sparsus* (Bramlette and Martini, 1964)  
*Blackites spinosus* (Deflandre and Fert, 1954) Hay and Towe (1962)  
*Braarudosphaera bigelowii* (Gran and Braarud, 1935) Deflandre (1947) (Fig. 6A)  
*Calculites additus* (Wind and Wise in: Wise and Wind, 1977) Perch-Nielsen (1984)  
*Calcidiscus leptoporus* (Murray and Blackman, 1898) Loeblich and Tappan (1978) (Fig. 6B)  
*Chiasmolithus eograndis* (Perch-Nielsen, 1971)  
*Chiasmolithus expansus* (Bramlette and Sullivan, 1961) Gartner (1970)  
*Chiasmolithus gigas* (Bramlette and Sullivan, 1961) Radomski (1968)  
*Chiasmolithus grandis* (Bramlette and Riedel, 1954) Radomski (1968)  
*Chiasmolithus modestus* (Perch-Nielsen, 1971)  
*Chiasmolithus nitidus* (Perch-Nielsen, 1971)  
*Chiasmolithus oamaruensis* (Deflandre, 1954) Hay, Mohler and Wade (1966)  
*Chiasmolithus solitus* (Bramlette and Sullivan, 1961) Locker (1968)  
*Coccolithus eopelagicus* (Bramlette and Riedel, 1954) Bramlette and Sullivan (1961)  
*Coccolithus pelagicus* (Wallich, 1877) Schiller (1930) (Fig. 6C, D)  
*Coccolithus staurion* (Bramlette and Sullivan, 1961)  
*Coronocyclus nitescens* (Kamptner, 1963) Bramlette and Wilcoxon (1967) (Fig. 6E, F)  
*Coronocyclus prionion* (Deflandre and Fert, 1954) Stradner in: Stradner and Edwards (1968)  
*Cruciplacolithus tenuis* (Stradner, 1961) Hay, Mohler in: Hay et al. (1967)  
*Cyclagelosphaera alta* (Perch-Nielsen, 1979)  
*Cyclagelosphaera margerelii* (Noël, 1965)  
*Cyclicargolithus abisectus* (Müller, 1970) Wise (1973)  
*Cyclicargolithus floridanus* (Roth and Hay in: Hay et al., 1967) Bukry (1971)  
*Cyclicargolithus luminis* (Sullivan, 1965) Bukry (1971)  
*Dictyococcites bisectus* (Hay et al., 1966) Bukry and Percival (1971)  
*Discoaster barbadiensis* (Tan, 1927)  
*Discoaster binodosus* (Martini, 1958)  
*Discoaster circularis* (Furazola and Kreisel, 1970)  
*Discoaster deflandrei* (Bramlette and Riedel, 1954) (Fig. 6H)  
*Discoaster diastypus* (Bramlette and Sullivan, 1961)  
*Discoaster gemmifer* (Stradner, 1961)  
*Discoaster kuepperi* (Stradner, 1959)  
*Discoaster limbatus* (Bramlette and Sullivan, 1961)  
*Discoaster lodoensis* (Bramlette and Riedel, 1954) (Fig. 6I)  
*Discoaster mohlerii* (Bukry and Percival, 1971)  
*Discoaster multiradiatus* (Bramlette and Riedel, 1954)  
*Discoaster nobilis* (Martini, 1961)  
*Discoaster nodifer* (Bramlette and Riedel, 1954) Bukry (1973)  
*Discoaster pacyficus* (Haq, 1969)  
*Discoaster saipanensis* (Bramlette and Riedel, 1954)  
*Discoaster stradnerii* (Noël, 1960)  
*Discoaster tanii nodifer* (Bramlette and Riedel, 1954)  
*Elipsolithus macellus* (Bramlette and Sullivan, 1961) Sullivan (1964)  
*Ericsonia formosa* (Kamptner, 1963) Haq (1971)  
*Ericsonia robusta* (Edwards and Perch-Nielsen, 1975)  
*Ericsonia staerkerii* (Bown, 2005)  
*Ericsonia subpertusa* (Hay and Mohler, 1967)  
*Fasciculithus* sp. (Bramlette and Sullivan, 1961)  
*Helicosphaera bramlettei* (Müller, 1970)  
*Helicosphaera carteri* (Wallich, 1877) Kamptner (1954) (Fig. 6J–M)  
*Helicosphaera compacta* (Bramlette and Wilcoxon, 1967)  
*Helicosphaera obliqua* (Bramlette and Wilcoxon, 1967)  
*Heliolithus kleinpellii* Sullivan (1964)  
*Holodiscolithus macroporus* (Deflandre in: Deflandre and Fert, 1954) Roth (1970)  
*Homozygosphaera wettsteinii* (Kamptner, 1937) Haldall and Markali, 1955  
*Ismolithus recurvus* (Deflandre, 1954)  
*Lanternithus duocavus* (Locker, 1967)  
*Lophodolithus nascens* (Bramlette and Sullivan, 1961)  
*Lucianorhabus maleformis* (Reinhardt, 1966)  
*Markalius inversus* (Deflandre in: Deflandre and Fert, 1954) Bramlette and Martini (1964)

*Microrhabdulus undosus* (Perch-Nielsen, 1973)  
*Nannotetrina cristata* (Martini, 1958) Perch-Nielsen (1971)  
*Nannotetrina quadrata* (Bramlette and Sullivan, 1961) Bukry (1973)  
*Neochiastozygus chiastus* (Bramlette and Sullivan 1961) Perch-Nielsen (1971)  
*Neochiastozygus distensus* (Bramlette and Sullivan, 1961) Perch-Nielsen (1971)  
*Neochiastozygus concinnus* (Martini, 1961) Perch-Nielsen (1971)  
*Neococcolithes minutus* (Perch-Nielsen, 1967, 1971)  
*Neococcolithes nundus* (Perch-Nielsen, 1971)  
*Neococcolithes protenus* (Bramlette and Sullivan 1961) Black (1967)  
*Pontosphaera clinosulcata* (Bown, 2005)  
*Pontosphaera desueta* (Müller, 1970) Perch-Nielsen (1984)  
*Pontosphaera discopora* (Schiller, 1925)  
*Pontosphaera japonica* (Takayama, 1967) Nishida (1971)  
*Pontosphaera latelliptica* (Báldi-Beke and Baldi, 1974) Perch-Nielsen (1984)  
*Pontosphaera multipora* (Kamptner, 1948) Roth (1970)  
*Pontosphaera ocellata* (Bramlette and Sullivan, 1961) Perch-Nielsen (1984)  
*Pontosphaera pectinata* (Bramlette and Sullivan, 1961) Sherwood (1974)  
*Pontosphaera plana* (Bramlette and Sullivan, 1961) Haq (1971)  
*Pontosphaera punctosa* (Bramlette and Sullivan, 1961) Perch-Nielsen (1984)  
*Pontosphaera versa* (Bramlette and Sullivan, 1961) Sherwood (1974)  
*Prinsius martinii* (Perch-Nielsen, 1969) Haq (1971)  
*Radiolithus planus* (Stover, 1966)  
*Reticulofenestra bisecta* (Hay et al., 1966) Roth (1970)  
*Reticulofenestra daviesii* (Haq, 1968) Haq (1971)  
*Reticulofenestra haqii* (Backman, 1978)  
*Reticulofenestra minuta* (Roth, 1970)  
*Semihololithus kerabyi* (Perch-Nielsen, 1971)  
*Sphenolithus anarrhopus* (Bukry and Bramlette, 1969)  
*Sphenolithus belemnus conformis* (Bramlette and Wilcoxon, 1967) (Fig. 6N-O)  
*Sphenolithus calyculus* (Bukry, 1985)  
*Sphenolithus capricornutus* (Bukry and Percival, 1971)  
*Sphenolithus ciperoensis* (Bramlette and Wilcoxon, 1967)  
*Sphenolithus conicus* (Bukry, 1971) (Fig. 6P, R)  
*Sphenolithus cuniculus* (Bown, 2005)  
*Sphenolithus delphix* (Bukry, 1973)  
*Sphenolithus disbelemnus* (Fornaciari and Rio, 1996) (Fig. 6P-U)  
*Sphenolithus dissimilis* (Bukry and Percival, 1971) (Fig. 6W, Y)  
*Sphenolithus editus* (Perch-Nielsen in: Perch-Nielsen et al., 1978)  
*Sphenolithus frucatolithoides* (Locker, 1967)  
*Sphenolithus moriformis* (Brönnimann and Stradner, 1960) Bramlette and Wilcoxon (1967) (Fig. 6Z)  
*Sphenolithus predistentus* (Bramlette and Wilcoxon, 1967)  
*Sphenolithus primus* (Perch-Nielsen, 1971)  
*Sphenolithus pseudoradians* (Bramlette and Wilcoxon, 1967)  
*Sphenolithus radians* (Deflandre in: Grass?, 1952)  
*Sphenolithus spiniger* (Bukry, 1971)  
*Sphenolithus villae* (Bown, 2005)  
*Thoracosphaera* sp. (Kamptner, 1927)  
*Toweius callosus* (Perch-Nielsen, 1971)  
*Toweius crassus* (Bramlette and Sullivan, 1961) Perch-Nielsen (1984)  
*Toweius eminens* (Bramlette and Sullivan, 1961) Perch-Nielsen (1971)  
*Toweius gammation* (Bramlette and Sullivan, 1961) Romein (1979)  
*Toweius magnicrassus* (Bukry, 1971) Romein (1979)  
*Toweius rotundus* (Perch-Nielsen in: Perch-Nielsen et al., 1978)  
*Transversopontis duocavus* (Bramlette and Sullivan, 1961) Locker (1973)  
*Transversopontis exilis* (Bramlette and Sullivan, 1961) Perch-Nielsen (1971)  
*Transversopontis fibula* (Getha, 1976)  
*Transversopontis latus* (Müller, 1970)  
*Transversopontis obliquipons* (Deflandre in: Deflandre and Fert, 1954) Hay, Mohler and Wade (1966)  
*Transversopontis pax* (Stradner and Seifert, 1980)  
*Transversopontis pulcher* (Deflandre in: Deflandre and Fert, 1954) Perch-Nielsen (1967)  
*Transversopontis pulcheroides* (Sullivan, 1964) Báldi-Beke (1971)  
*Transversopontis retcipons* (Haq, 1968) Roth (1970)  
*Transversopontis sigmoidalis* (Locker, 1967)  
*Tribrachiatus orthostylus* (Shamraï, 1963)  
*Uniplanarius trifidus* (Stradner in: Stradner and Papp, 1961) Hattner and Wise (1980)  
*Watznaueria barnesae* (Black, 1959) Perch-Nielsen (1968)  
*Watznaueria biporta* (Bukry, 1969)  
*Watznaueria ovata* (Bukry, 1969)  
*Zygrhablithus bijugatus* (Deflandre in: Deflandre and Fert, 1954) Deflandre (1959)