

## Bibliography and taxa of calcareous nannoplankton - 39

### Mário Cachão

Dept. Geologia, Fac. Ciencias, Univ. Lisboa, Edifício C6, 4º Piso, sala 55, 1749-016 Lisboa, Portugal

### with Harald Andrleit, Karl-Heinz Baumann, Ric Jordan, Áurea Parente

- |       |   |             |   |
|-------|---|-------------|---|
| A6538 | <b>Aizawa, C., Oba, T. &amp; Okada, H.</b>  | <b>2004</b> | Pacific N.<br>P'ocean.<br>QUAT.           |
|       | Late Quaternary paleoceanography deduced from coccolith assemblages in a piston core recovered off the central Japan coast.<br><i>Marine Micropaleontology</i> , 52 (1-4): 277-297.   |             |   |
| A6539 | <b>Alvarez, M.C., Flores, J.-A., Sierro, F.J., Molina-Cruz, A. &amp; ODP Leg 202 Shipboard Scientific Party</b>   | <b>2004</b> | Abst.<br>Pacific C.<br>P'ocean.<br>QUAT.  |
|       | Orbital variability in the Peru upwelling system during the last 500kyr (ODP Site 1237): the coccolithophore trace.<br><i>J. Nannoplankton Res.</i> , 26 (2): 1.  |             |   |
| A6540 | <b>Amore, F.O., Caffau, M., Massa, B. &amp; Morabito, S.</b>  | <b>2004</b> | Mediterr.<br>P'ocean.<br>QUAT.            |
|       | Late Pleistocene–Holocene paleoclimate and related paleoenvironmental changes as recorded by calcareous nannofossils and planktonic foraminifera assemblages in the southern Tyrrhenian Sea (Cape Palinuro, Italy).<br><i>Marine Micropaleontology</i> , 52 (1-4): 255-276. |             |   |
| A6541 | <b>Amore, F., Colizza, E., Morabito, S. &amp; Salvi, C.</b>   | <b>2004</b> | Abst.<br>Atlantic S.<br>P'ocean.<br>QUAT. |
|       | Reconstruction of the Holocene palaeoenvironmental and palaeoceanographic evolution in the north-western sector of the Magellan Strait, on the basis of calcareous nannofossils, textural and geochemical data.<br><i>J. Nannoplankton Res.</i> , 26 (2): 2.                |             |   |
| A6542 | <b>Amore, F., Morabito, S., Capretto, G., Ciampo, G., Colutta, L., di Donato, V., Esposito, P., Franda, M., Lirer, L., Munno, R., Naimo, D., Pescatore, T.S., Petrosino, P., Taddei, E.R., Senatore, M.R., Santini, U. &amp; Stanzione, D.</b>                              | <b>2004</b> | Abst.<br>Mediterr.<br>P'ecol.<br>QUAT.    |
|       | Holocene micropaleontological communities evolution in the western and eastern sectors of the Mediterranean Sea integrated with sedimentological, geochemical and volcanic data. Preliminary results.<br><i>J. Nannoplankton Res.</i> , 26 (2): supplementary page.         |             |   |
| A6543 | <b>Andruleit, H., Luckage, A. &amp; Stäger, S.</b>  | <b>2004</b> | Abst.<br>Indian<br>P'ocean.<br>QUAT.      |
|       | Quantitative analysis of coccolithophores in the eastern Indian Ocean during the last 300 000 years - palaeoceanographic implications.<br><i>J. Nannoplankton Res.</i> , 26 (2): 3.   |             |   |
| A6544 | <b>Antunes, R.L. &amp; Esperança, M.L.T.</b>  | <b>2004</b> | Abst.<br>Strat.<br>America S.<br>PALAEOG. |
|       | Geological evolution of the Regência Paleocanyon (Espírito Santo, Brazil): an animation based on calcareous nannofossil stratigraphy.<br><i>J. Nannoplankton Res.</i> , 26 (2): 4.  |             |   |
| A6545 | <b>Bajraktarevic, Z. &amp; Galovic, I.</b>  | <b>2004</b> | Abst.<br>Europe E.<br>NEOG.<br>Strat.     |
|       | Sarmatian calcareous nannofossil zonation of Mt Medvednica (NW Croatia, Paratethys).<br><i>J. Nannoplankton Res.</i> , 26 (2): 5  |             |   |
| A6546 | <b>Balch, W.M.</b>  | <b>2004</b> | Biol.<br>Ecol.                            |
|       | Re-evaluation of the physiological ecology of coccolithophores.<br>In: Thierstein, H.R. & Young, J.R. (Eds). <i>Coccolithophores – From Molecular Processes to Global Impact</i> . Springer-Verlag, Heidelberg: 165-190.  |             |   |
| A6547 | <b>Balestra, B., Ziveri, P., Prins, M.A., Monechi, S. &amp; Troelstra, S.</b>   | <b>2004</b> | Abst.<br>Atlantic N.<br>P'ocean.<br>QUAT. |
|       | Late Quaternary palaeoceanography in the Reykjanes Ridge linked to coccolith temporal and assemblage development.<br><i>J. Nannoplankton Res.</i> , 26 (2): 6.  |             |   |

- A6548 **Barcena, M.A., Flores, J., Sierro, F., Pérez-Folgado, M., Fabres, J., Calafat, A. & Canals, M.** 2004 Living  
Planktonic response to main oceanographic changes in the Alboran Sea (Western Mediterranean) as  
documented in sediment traps and surface sediments.  
Mediterr.  
P'ecol.  
P'ocean.  
QUAT.  
Marine Micropaleontology, 53: 423-445.
- A6549 **Baumann, K.-H., Böckel, B., Donner, B., Gerhardt, S., Henrich, R., Vink, A., Volbers, A., Willems, H. & Zonneveld, K.A.F.** 2004 Atlantic S.  
Contribution of calcareous plankton groups to the carbonate budget of South Atlantic surface sediments.  
P'ocean.  
QUAT.  
In: Wefer, G., Mulitza, S. & Ratmeyer, V. (Eds). The South Atlantic in the Late Quaternary: recon-  
struction of material budgets and current systems. Springer Verlag, Berlin, Heidelberg: 81-99.
- A6550 **Baumann, K.-H., Böckel, B. & Frenz, M.** 2004 America S.  
Coccolith contribution to South Atlantic carbonate sedimentation.  
Sedim.  
In: Thierstein, H.R. & Young, J.R. (Eds). Coccolithophores – From Molecular Processes to Global  
Impact. Springer-Verlag, Heidelberg: 367-402.
- A6551 **Baumann, K.-H., Böckel, B. & Ott, C.** 2004 Abst.  
Biogeography and morphometry of selected Holocene coccoliths in the Equatorial and South  
Atlantic.  
C. Biogeog.  
J. Nannoplankton Res., 26 (2): 7.  
S. Biomet.  
QUAT.
- A6552 **Baumann, K.-H. & Freitag, T.** 2004 Abst.  
Pleistocene fluctuations in the northern Benguela Current system as revealed by coccolith assem-  
blages.  
P'ocean.  
Marine Micropaleontology, 52 (1-4): 195-215.  
QUAT.
- A6553 **Baumann, K.-H. & Meggers, H.** 2004 Abst.  
Coccolithophores in the Eastern Boundary Current System off NW Africa: response to abrupt cli-  
matic events during the last 45 000 years.  
P'ocean.  
J. Nannoplankton Res., 26 (2): 8.  
QUAT.
- A6554 **Beaufort, L. & Dollfus, D.** 2004 Syst.  
Automatic recognition of coccoliths by dynamical neural networks.  
Tech.  
Marine Micropaleontology, 51 (1-2): 57-73.
- A6555 **Billard, C. & Inouye, I.** 2004 Biol.  
What is new in coccolithophore biology?  
In: Thierstein, H.R. & Young, J.R. (Eds). Coccolithophores – From Molecular Processes to Global  
Impact. Springer-Verlag, Heidelberg: 1-29
- A6556 **Bison, K.-M., Versteegh, G., Hilgen, F. & Willems, H.** 2004 Abst.  
Calcareous dinoflagellate assemblage over the Tortonian/Messinian boundary on the east-west tran-  
sect in the Mediterranean.  
Mediterr.  
NEOG.  
P'ecol.  
J. Nannoplankton Res., 26 (2): 9.
- A6557 **Böckel, B. & Baumann, K.** 2004 Atlantic S.  
Distribution of coccoliths in surface sediments of the south-eastern South Atlantic Ocean: ecology,  
preservation and carbonate contribution.  
P'ecol.  
QUAT.  
Sedim.  
Marine Micropaleontology, 51: 301-320.
- A6558 **Bonomo, S., Caruso, A., Dinarés-Turell, J., di Stefano, E. & Sprovieri, R.** 2004 Abst.  
High-resolution integrated stratigraphy in the Middle Miocene Upper *Globigerina* Limestone and  
Blue Clay Formations (Malta Island).  
Europe W.  
NEOG.  
Strat.  
J. Nannoplankton Res., 26 (2): 10.
- A6559 **Bown, P.** 2004 Abst.  
Calcareous nannoplankton survivorship and recovery following the K/T boundary mass extinction.  
Evol.  
K/T  
Pacific N.  
J. Nannoplankton Res., 26 (2): 11.

- A6560 **Bown, P.R. & Concheyro, A.** 2004 America S.  
Lower Cretaceous calcareous nannoplankton from the Neuquén Basin, Argentina.  
Marine Micropaleontology, 52 (1-4): 51-84.  
CRET. L.  
Strat.
- A6561 **Bown, P.R., Lees, J.A. & Young, J.R.** 2004 Evol.  
Calcareous nannoplankton evolution and diversity through time.  
In: Thierstein, H.R. & Young, J.R. (Eds.). *Coccolithophores – From Molecular Processes to Global Impact*. Springer-Verlag, Heidelberg: 481-508.
- A6562 **Brownlee, C. & Taylor, A.** 2004 Biol.  
Calcification in coccolithophores: A cellular perspective.  
In: Thierstein, H.R., Young, J.R. (Eds.). *Coccolithophores – From Molecular Processes to Global Impact*. Springer-Verlag, Heidelberg: 31-49.
- A6563 **Buccianti, A. & Esposito, P.** 2004 Mediterr.  
Insights into Late Quaternary calcareous nannoplankton assemblages under the theory of statistical analysis for compositional data.  
Palaeogeography, Palaeoclimatology, Palaeoecology, 202 (3-4): 209-227.  
P'ocean.  
QUAT.  
Tech.
- A6564 **Bybell, L.** 2004 Abst.  
When an occurrence chart is more than an occurrence chart.  
J. Nannoplankton Res., 26 (2): 12-15.  
Evol.  
Tech.
- A6565 **Cachão, M., Baumann, K.-H., Andrleit, H., Jordan, R. & Ferreira, J.** 2004 Bibl.  
Bibliography and taxa of calcareous nannoplankton - 38.  
J. Nannoplankton Res., 26 (1): 87-97.  
World
- A6566 **Campbell, R.J., Howe, R.W. & Rexilius, J.P.** 2004 Australia  
Middle Campanian-lowermost Maastrichtian nannofossil and foraminiferal biostratigraphy of the northwestern Australian margin.  
Cretaceous Research, 25 (6): 827-864.  
CRET. U.  
Strat.
- A6567 **Catanzariti, R. & Perilli, N.** 2004 Abst.  
Nannobiohorizons recognised in Eocene formations from the Northern Apennines (Italy).  
J. Nannoplankton Res., 26 (2): 16-17.  
Europe W.  
PALAEOG.  
Strat.
- A6568 **Chira, C.M.** 2004 Abst.  
Palaeogene calcareous nannofossils from Transylvania, Romania: biostratigraphy and evolution.  
J. Nannoplankton Res., 26 (2): 18.  
Europe E.  
Evol.  
PALAEOG.  
Strat.
- A6569 **Chiyonobu, S., Narikiyo, R. & Sato, T.** 2004 Abst.  
Latest Quaternary palaeoceanography of the eastern Pacific Ocean on the analysis of calcareous nannofossils.  
J. Nannoplankton Res., 26 (2): 19.  
Pacific S.  
P'ocean.  
QUAT.
- A6570 **Cokacar, T., Oguz, T. & Kubilay, N.** 2004 Living  
Satellite-detected early summer coccolithophore blooms and their interannual variability in the Black Sea.  
Deep-Sea Research I, 51 (8): 1017-1031.  
Mediterr.  
Tech.
- A6571 **Colmenero-Hidalgo, E.** 2004 Thesis  
Respuesta de las asociaciones de Cocolitofóridos a los cambios climáticos del Cuaternario final.  
Reconstrucción de la dinámica superficial y climática del Mediterráneo occidental y del mar de Arabia.  
Universidad de Salamanca: 255pp.  
P'ecol.  
P'ocean.  
QUAT.
- A6572 **Colmenero-Hidalgo, E., Flores, J.-A., Sierro, F.J., Bárecena, M.A., Löwemark, L., Schönfeld, J. & Grimalt, J.O.** 2004 Europe W.  
Ocean surface water response to short-term climate changes revealed by coccolithophores from the Gulf of Cadiz (NE Atlantic) and Alboran Sea (W Mediterranean).  
Palaeogeography, Palaeoclimatology, Palaeoecology, 205: 317-336.  
Mediterr.  
P'ocean.  
QUAT.

- A6573 **Colmenero-Hidalgo, E., Flores, J.-A., Sierro, F. & Grimalt, J.** 2004 Abst.  
Millennial-scale climatic signal in coccolithophore records of the Iberian margin during the latest  
Pleistocene.  
*J. Nannoplankton Res.*, 26 (2): 20-21.  
Atlantic N.  
P'ocean.  
QUAT.
- A6574 **Colmenero-Hidalgo, E., Gravalosa, J., Flores, J.-A., Sierro, F., Berné, S. & Shipboard Scientific Party** 2004 Abst.  
PROMESS 1 preliminary results: new high-resolution coccolithophore records for the last half million years.  
*J. Nannoplankton Res.*, 26 (2): 22.  
Mediterr.  
QUAT.  
Strat.
- A6575 **Coric, S.** 2004 Abst.  
Early/Middle Miocene calcareous nannoplankton from the Austrian Molasse Basin.  
*J. Nannoplankton Res.*, 26 (2): 23.  
Europe W.  
NEOG.  
Strat.
- A6576 **Coric, S., Gross, M., Kovacic, M., Pavelic, D. & Vrsaljko, D.** 2004 Abst.  
Pannonian and Pontian (Late Miocene) endemical nannofossils from central Paratethys (preliminary results).  
*J. Nannoplankton Res.*, 26 (2): supplementary page.  
Europe E.  
NEOG.  
P'ecol.
- A6577 **Corstjens, P.L.A.M. & González, E.L.** 2004 Biol.  
Effects of nitrogen and phosphorus availability on the expression of the coccolith-vesicle V-ATPase (subunit c) of *Pleurochrysis* (Haptophyta).  
*Journal of Phycology*, 40 (1): 82-87.  
Living
- A6578 **Cortés, M., Bollmann, J., Cervantes-Duarte, R. & Silverberg, N.** 2004 Abst.  
Living coccolithophores at the marginal Basin Alfonso at Bay of La Paz, Gulf of California.  
*J. Nannoplankton Res.*, 26 (2): 24.  
Biogeog.  
Pacific C.
- A6579 **Costa, S.O. & Lima, F.H.O.** 2004 Abst.  
*Lanternithus variabilis* n. s.: morphostructural description and chronostratigraphic relations of the genus *Lanternithus*.  
*J. Nannoplankton Res.*, 26 (2): 25.  
Syst.  
Atlantic S.  
PALAEOG.
- A6580 **Cros, L.** 2004 Abst.  
A planktonic coccolithophore with characteristic origami-shaped holococcoliths.  
*J. Nannoplankton Res.*, 26 (2): 26.  
Syst.  
Mediterr.
- A6581 **Cros, L. & Estrada, M.** 2004 Syst.  
*Picarola margalefii*, gen. et sp. nov., a new planktonic coccolithophore from NW Mediterranean waters.  
*Scientia Marina*, 68 (Suppl. 1): 243-248.  
Living  
Mediterr.  
QUAT.
- A6582 **Crudeli, D. & Kinkel, H.** 2004 Syst.  
*Reticulofenestra calicis* n. sp., an unusual small reticulofenestrid coccolith from the Lower Pliocene of the South Caribbean Sea.  
*Micropaleontology*, 50 (4): 369-379.  
America C.  
NEOG.
- A6583 **Crudeli, D., Kinkel, H., Steph, S. & Young, J.** 2004 Abst.  
Oceanic distribution of the biodiversity of very small reticulofenestrids (Lower Pliocene).  
*J. Nannoplankton Res.*, 26 (2): 27-28.  
Atlantic C.  
Evol.  
NEOG.  
Pacific C.  
P'ecol.  
P'ocean.
- A6584 **Crudeli, D., Young, J.R., Erba, E., de Lange, G.J., Henriksen, K., Kinkel, H., Slomp, C.P. & Ziveri, P.** 2004 Diag.  
Abnormal carbonate diagenesis in Holocene-late Pleistocene sapropel-associated sediments from the Eastern Mediterranean; evidence from *Emiliania huxleyi* coccolith morphology.  
*Marine Micropaleontology*, 52 (1-4): 217-240.  
Mediterr.  
QUAT.

- A6585 **Crudeli, D., Ziveri, P. & Silverberg, N.** 2004 Abst.  
Calcareous nannoplankton response to the 1997-1998 El Niño event in the Southern California  
Current (San Lazaro Basin).  
J. Nannoplankton Res., 26 (2): 29.
- A6586 **de Bernardi, B., Ziveri, P., Erba, E. & Thunell, R.** 2004 Abst.  
Coccolith contribution to carbonate sedimentation during El Niño events in the Santa Barbara Basin  
(California).  
J. Nannoplankton Res., 26 (2): 30.
- A6587 **de Romero, L.M., Truskowski, I.M., Bralower, T.J., Bergen, J.A., Odreman, O., Zachos, J.C. & Galea-Alvarez, F.A.** 2003 (Strat.)  
An Integrated Calcareous Microfossil Biostratigraphic and Carbon-Isotope Stratigraphic Framework  
for the La Luna Formation, Western Venezuela.  
Palaios, 18: 349-366.
- A6588 **de Vargas, C., Sáez, A.G., Medlin, L.K. & Thierstein, H.R.** 2004 P'ecol.  
Super-species in the calcareous plankton.  
In: Thierstein, H.R. & Young, J.R. (Eds.). Coccolithophores – From Molecular Processes to Global  
Impact. Springer-Verlag, Heidelberg: 271-298.
- A6589 **Dimiza, M., Triantaphyllou, M. & Jordan, R.** 2004 Abst.  
Microplankton communities off the coast of Andros Island (Middle Aegean Sea).  
J. Nannoplankton Res., 26 (2): 31.
- A6590 **di Stefano, E. & Incarbona, A.** 2004 Mediterr.  
High-resolution palaeoenvironmental reconstruction of ODP Hole 963D (Sicily Channel) during the  
last deglaciation based on calcareous nannofossils.  
Marine Micropaleontology, 52 (1-4): 241-254.
- A6591 **di Stefano, E., Incarbona, A., Sprovieri, R. & Dinarés-Turell, J.** 2004 Abst.  
Palaeoecological remarks on calcareous nannofossils in Core LC07 (central Mediterranean Sea) dur-  
ing the Late Quaternary: a multidisciplinary investigation.  
J. Nannoplankton Res., 26 (2): 32-33.
- A6592 **Duarte-Silva, A., Palma, S. & Moita, T.** 2004 Abst.  
High-frequency distribution of *Helicosphaera carteri* and associated assemblages at Cascais Bay  
(Portugal).  
J. Nannoplankton Res., 26 (2): 34.
- A6593 **Duarte-Silva, A., Palma, S., Sobrinho-Gonçalves, L. & Moita, M.T.** 2004 Abst.  
*Braarudosphaera bigelowii* in waters of the upwelling coast of Portugal.  
J. Nannoplankton Res., 26 (2): 35.
- A6594 **Eikrem, W., Romari, K., Latasa, M., Le Gall, F., Throndsen, J. & Vaulot, D.** 2004 Atlantic N.  
*Floreniciella parvula* gen. et sp. nov. (Dictyochophyceae, Heterokontophyta), a small flagellate iso-  
lated from the English Channel.  
Phycologia, 43 (6): 658-668.
- A6595 **Erba, E.** 2004 Abst.  
Calcareous nannofossils trace coolings and fertility episodes during the early phase of the mid-  
Cretaceous Greenhouse.  
J. Nannoplankton Res., 26 (2): 36.
- A6596 **Erba, E.** 2004 CRET.  
Calcareous nannofossils and Mesozoic oceanic anoxic events.  
Marine Micropaleontology, 52 (1-4): 85-106.
- A6597 **Falkowski, P., Schofield, O., Katz, M.E., van de Schootbrugge, B. & Knoll, A.H.** 2004 Evol.  
Why is the land green and the ocean red?  
In: Thierstein, H.R. & Young, J.R. (Eds.). Coccolithophores – From Molecular Processes to Global  
Impact. Springer-Verlag, Heidelberg: 429-453.

- A6598 **Fanelli, M., Harchut, T., Bowers, R., Wahlund, T. & Read, B.** 2004 Abst.  
Microarray analysis of calcification in *Emiliania huxleyi*.  
J. Nannoplankton Res., 26 (2): 37-38.
- A6599 **Farias, A. & Cabrera, D.** 2004 Abst.  
Magneto- and calcareous nannofossil biostratigraphies of Middle Eocene formations of the Barinas Basin in western Venezuela.  
J. Nannoplankton Res., 26 (2): 39.
- A6600 **Fenner, J. & di Stefano, A.** 2004 Pacific S.  
Late Quaternary oceanic fronts along Chatham Rise indicated by phytoplankton assemblages, and refined calcareous nannofossil stratigraphy for the mid-latitude SW Pacific.  
Marine Geology, 205 (1-4): 59-86.
- A6601 **Ferreira, J. & Cachão, M.** 2004 Abst.  
Reworked calcareous nannofossils on the Guadiana Shelf (southern Portugal): implications for the oceanic transport dynamics of the Gulf of Cadiz.  
J. Nannoplankton Res., 26 (2): 40.
- A6602 **Flores, J.-A., Filippelli, G. & Sierro, F.J.** 2004 Abst.  
Calcareous nannofossils, calcium carbonate production and sediment geochemistry in the Southern Ocean during Isotope Stages 9 to 13.  
J. Nannoplankton Res., 26 (2): 41.
- A6603 **Flores, J.-A., Sierro, F.J., Filippelli, G.M. & Bárcene, M.A.** 2004 Abst.  
Succession of calcareous nannofossil assemblages and their relationship with nutrient dynamics in the Miocene Mediterranean sapropels.  
J. Nannoplankton Res., 26 (2): 42.
- A6604 **Foley, S., Ingram, W., Jiang, S., Stant, A. & Wise, S.W. Jr.** 2004 Abst.  
Oligocene-Middle Miocene calcareous nannofossils from the northernmost Kerguelen Plateau (46°S): warm-water indicators and influences.  
J. Nannoplankton Res., 26 (2): 43.
- A6605 **Frada, M., Probert, I., Cachão, M. & de Vargas, C.** 2004 Abst.  
Molecular ecology of the haplo-diploid life-cycles in coccolithophores.  
J. Nannoplankton Res., 26 (2): 44.
- A6606 **Frydas, D.** 2004 Meditarr.  
Calcareous and siliceous phytoplankton stratigraphy of Neogene marine sediments in central Crete (Greece).  
Revue de Micropaléontologie, 47: 87-102.
- A6607 **Geisen, M.** 2003 Thesis  
Studies on the species level variation of selected coccolithophores.  
University College London: 199pp.
- A6608 **Geisen, J., Geisen, M., Hamm, C. & Young, J.R.** 2004 Abst.  
From 2D images to real 3D structures - mechanical models of plankton.  
J. Nannoplankton Res., 26 (2): supplementary page.
- A6609 **Geisen, M., Langer, G. & Young, J.** 2004 Abst.  
Coccolithophore calcification response to marine pCO<sub>2</sub> - where reality confronts models.  
J. Nannoplankton Res., 26 (2): 45.
- A6610 **Geisen, M., Young, J.R., Probert, I., Garcia Sáez, A., Baumann, K.-H., Bollmann, J., Cros, L., 2004 de Vargas, C., Medlin, L.K. & Sprengel, C.** 2004 Biol.  
Species level variation in coccolithophores.  
In: Thierstein, H.R. & Young, J.R. (Eds.). Coccolithophores – From Molecular Processes to Global Impact. Springer-Verlag, Heidelberg: 327-366.

- A6611 **Gibbs, S., Bralower, T. & Bybell, L.** 2004 Abst.  
Shelf *versus* open-marine nannofossils of the Paleocene-Eocene Thermal Maximum.  
J. Nannoplankton Res., 26 (2): 46.
- A6612 **Gibbs, S., Shackleton, N. & Young, J.R.** 2004 Atlantic C.  
Orbitally forced climate signals in mid-Pliocene nannofossil assemblages.  
Marine Micropaleontology, 51 (1-2): 39-56.
- A6613 **Giraud, F., Pittet, B., Renaud, S., Mattioli, E. & Audouin, V.** 2004 Abst.  
Relationships between *Watznaueria britannica* dynamics and palaeoenvironmental parameters during the Upper Jurassic.  
J. Nannoplankton Res., 26 (2): 47-48.
- A6614 **Giraudeau, J., Jennings, A.E. & Andrews, J.T.** 2004 Atlantic N.  
Timing and mechanisms of surface and intermediate water circulation changes in the Nordic Seas over the last 10, 000 cal years: a view from the North Iceland shelf.  
Quaternary Science Reviews, 23 (20-22): 2127-2139.
- A6615 **Giunta, S., Negri, A., Morigi, C., Kouwenhoven, T., Krijgsman, W., Blanc-Valleron, M.-M., 2004 Orszag-Sperber & Rouchy, J.-M.** Abst.  
Biostratigraphic events through the Messinian Salinity Crisis in the Pissouri section (Cyprus).  
J. Nannoplankton Res., 26 (2): 49.
- A6616 **Gravalosa, J.M., Flores, J.-A., Sierro, F.J. & Gersonde, R.** 2004 Abst.  
Living coccolithophores in the Amundsen and Bellinghausen Seas, Antarctic and subantarctic Pacific sector.  
J. Nannoplankton Res., 26 (2): 50.
- A6617 **Guerreiro, C., Cachão, M. & Drago, T.** 2004 Abst.  
Calcareous nannoplankton in coastal sediments NW of Portugal over the last 14 000 years BP.  
J. Nannoplankton Res., 26 (2): 51.
- A6618 **Hadavi, F.** 2004 (Strat.)  
Calcareous nannofossils from the Abtalkh Formation (Campanian-Maastrichtian), Kopet-Dagh Range, NE Iran.  
Journal of Nannoplankton Research, 26 (1): 63-68.
- A6619 **Hadavi, F.** 2004 Abst.  
Calcareous nannofossils from the Abtalkh Formation (Campanian-Maastrichtian), Kopet-Dagh Range, NE Iran.  
J. Nannoplankton Res., 26 (2): 52.
- A6620 **Hadavi, F., Amel, A. & Pouresmail, A.** 2004 Abst.  
Calcareous nannofossils from the Neyzar Formation in the eastern Kopet-Dogh Range, Iran.  
J. Nannoplankton Res., 26 (2): 53.
- A6621 **Hagino, K. & Okada, H.** 2004 Abst.  
Floral variation of living coccolithophores in the boundary zone between the cold Oyashio and warm Kuroshio Currents.  
J. Nannoplankton Res., 26 (2): 54.
- A6622 **Hagino, K. & Okada, H.** 2004 Ecol.  
Floral response of coccolithophores to progressive oligotrophication in the South Equatorial Current, Pacific Ocean.  
In: Shiyomi, M. *et al.* (Eds). Global Environment Change in the Ocean and on Land. TERRAPUB: 121-132.

- A6623 **Hay, W.W.** 2004 Sedim.  
Carbonate fluxes and calcareous nannoplankton.  
In: Thierstein, H.R. & Young, J.R. (Eds.). *Coccolithophores – From Molecular Processes to Global Impact*. Springer-Verlag, Heidelberg: 509-528.
- A6624 **Henderiks, J., Lindberg, L. & Torner, A.** 2004 Abst.  
Neogene patterns of coccolith size evolution and carbonate burial in the deep sea.  
*J. Nannoplankton Res.*, 26 (2): 55-56.
- A6625 **Henderiks, J & Renaud, S.** 2004 Atlantic N.  
Coccolith size increase of *Calcidiscus leptoporus* offshore Morocco during the Last Glacial Maximum: an expression of enhanced glacial productivity?  
*J. Nannoplankton Res.*, 26 (1): 1-12.
- A6626 **Henriksen, K., Stipp, S.L.S., Young, J.R. & Marsh, M.E.** 2004 Abst.  
Coccolith polysaccharides: influence on genesis and diagenesis.  
*J. Nannoplankton Res.*, 26 (2): 57.
- A6627 **Henriksen, K., Young, J.R., Bown, P.R. & Stipp, S.L.S.** 2004 Biol.  
Coccolith biomineralisation studied with atomic force microscopy.  
*Palaeontology*, 47 (3): 725-743.
- A6628 **Herfort, L., Loste, E., Meldrum, F. & Thake, B.** 2004 Biol.  
Structural and physiological effects of calcium and magnesium in *Emiliania huxleyi* (Lohmann) Hay and Mohler.  
*Journal of Structural Biology*, 148 (3): 307-314.
- A6629 **Herrele, J.O.** 2004 Abst.  
Positive carbon isotope excursion during the uppermost Upper Aptian (mid-Cretaceous): major changes in the productivity ( $\text{CaCO}_3/\text{SiO}_2$ ) systems.  
*J. Nannoplankton Res.*, 26 (2): 58.
- A6630 **Herrele, J. & Bollman, J.** 2004 Atlantic N.  
Accuracy and reproducibility of absolute nannoplankton abundances using the filtration technique in combination with a rotary sample splitter.  
*Marine Micropaleontology*, 53: 389-404.
- A6631 **Herrele, J.O. & Bollman, J.** 2004 Tech.  
Accuracy and reproducibility of absolute nannoplankton abundances using the filtration technique in combination with a rotary sample splitter.  
*Marine Micropaleontology*, 53: 389-404.
- A6632 **Hildebrand-Habel, T. & Streng, M.** 2004 Abst.  
Long-term changes vs. short-term changes in calcareous dinoflagellates - examples from the Tertiary.  
*J. Nannoplankton Res.*, 26 (2): 59.
- A6633 **Hochuli, P.A.** 2000 Biol.  
'Organic nannofossils': a new type of palynomorph from the Paleogene of the North Sea.  
*Journal of Micropalaeontology*, 19: 153-158.
- A6634 **Hollis, C.J., Dickens, G.R., Field, B.D., Jones, C.M. & Strong, C.P.** 2004 (Strat.)  
The Paleocene-Eocene transition at Mead Stream, New Zealand: a southern Pacific record of early Cenozoic global change.  
*Palaeogeography, Palaeoclimatology, Palaeoecology*, 215 (3-4): 313-343.
- A6635 **Holmes, M.A., Watkins, D.K. & Norris, R.D.** 2004 Atlantic N.  
Paleocene cyclic sedimentation in the western North Atlantic, ODP Site 1051, Blake Nose.  
*Marine Geology*, 209 (1-4): 31-43.

- A6636 **Houdan, A.** 2003 Thesis Biol.  
Cycle biologique et stratégies de développement chez les Coccolithophores (PRYMNESIO-PHYCEAE, HAPTOPHYTA). Implications écologiques.  
Université de Caen Basse-Normandie: 209pp.
- A6637 **Ingram, W., Wise, Jr., S.W., Norris, R. & Mosher, D.** 2004 Abst.  
Anatomy of Oligocene-Miocene debris-flows and slumps on the Demerara Rise - comparisons with the DSDP/ODP New Jersey transect and implications for margin destruction: a progress report.  
*J. Nannoplankton Res.*, 26 (2): 60.
- A6638 **Jutson, D., Macquaker, J., Whitehead, J., Bidgood, M. & Johnson, B.** 2004 Abst.  
Nannofossil and microfaunal analyses of ditch-cutting samples from two wells from within the Silverpit impact crater, British Sector, North Sea: evidence towards confirming the age and origin of the structure.  
*J. Nannoplankton Res.*, 26 (2): 61.
- A6639 **Kahn, A. & Aubry, M.-P.** 2004 (Strat.) PALAEOG.  
Provincialism associated with the Paleocene/Eocene thermal maximum: temporal constraint.  
*Marine Micropaleontology*, 52 (1-4): 117-131.
- A6640 **Kameo, K., Shearer, M.C., Droxler, A.W., Mita, I., Watanabe, R. & Sato, T.** 2004 America C.  
Glacial-interglacial surface water variations in the Caribbean Sea during the last 300 ky based on calcareous nannofossil analysis.  
*Palaeogeography, Palaeoclimatology, Palaeoecology*, 212 (1-2): 65-76.
- A6641 **Kani, A.L. & Feshki, A.A.** 2004 Abst.  
Calcareous nannofossil biostratigraphy of the Mishan Formation, Zagros Basin, Southern Iran.  
*J. Nannoplankton Res.*, 26 (2): 62.
- A6642 **Kanungo, S., Bown, P.R., Gale, A.S. & Young, J.** 2004 Abst.  
A significant palaeoclimatic/palaeotemperature shift around the Middle/Late Albian boundary in the Gault Clay Formation, Folkestone, SE England.  
*J. Nannoplankton Res.*, 26 (2): 63.
- A6643 **Kaufmann, M.** 2004 Abst.  
The nannoplankton diversity around Madeira: a first contribution.  
*J. Nannoplankton Res.*, 26 (2): 64.
- A6644 **Kaufmann, M. & Elbracher, M.** 2004 Abst.  
The influence of Great Meteor Seamount on the distribution of coccolithophorids.  
*J. Nannoplankton Res.*, 26 (2): 65.
- A6645 **Kedzierski, M.** 2004 Abst.  
Nannoplankton assemblages as an indicator of the palaeoenvironmental changes in the Bathonian black shales (Częstochowa, central Poland).  
*J. Nannoplankton Res.*, 26 (2): 66.
- A6646 **Kessels, K., Mutterlose, J. & Ruffell, A.** 2003 (Strat.) CIS  
Calcareous nannofossils from Late Jurassic sediments of the Volga Basin (Russian Platform): evidence for productivity-controlled black shale deposition.  
*International Journal of Earth Sciences*, 92: 743-757.
- A6647 **Köbrich, M. & Baumann, K.-H.** 2004 Abst.  
Interannual variability of coccolithophore fluxes off Chile (30°S, 73°W).  
*J. Nannoplankton Res.*, 26 (2): 67.
- A6648 **Köbrich, M.I. & Baumann, K.-H.** 2004 Abst.  
Seasonal and interannual variability of coccolithophore flux and species composition off NW Africa.  
*J. Nannoplankton Res.*, 26 (2): 68.

- A6649 **Koch, C.** 2004 Abst.  
Micropalaeontological finger-printing of ice-rafterd detritus sources and nannoplankton response to Heinrich Events.  
J. Nannoplankton Res., 26 (2): 69.  
Atlantic N.  
CRET. U.  
Ecol.  
QUAT.  
Sedim.
- A6650 **Lancis, C. & Flores, J.-A.** 2004 Abst.  
A new biostratigraphically-significant calcareous nannofossil species in the Early Pliocene of the Mediterranean.  
J. Nannoplankton Res., 26 (2): 70.  
(Syst.)  
Europe W.  
NEOG.
- A6651 **Lechtreck, K.-F.** 2004 Biol.  
An immunofluorescence study of the haptonema of *Chrysochromulina parva* (Prymnesiophyceae).  
Phycologia, 43 (5): 635-640.  
Living
- A6652 **Lees, J.A., Bown, P.R., Young, J.R. & Riding, J.B.** 2004 Europe W.  
Evidence for annual records of phytoplankton productivity in the Kimmeridge Clay Formation coccolith stone bands (Upper Jurassic, Dorset, UK).  
Marine Micropaleontology, 52 (1-4): 29-49.  
JURA. U.  
P'ecol.
- A6653 **Lees, J.A., Bralower, T.J., Herbert, T., Bergen, J.A., Self-Trail, J. & de Romero, L.** 2004 Abst.  
Towards a high-resolution chronostratigraphy for the Upper Cretaceous.  
J. Nannoplankton Res., 26(2): 71.  
(Strat.)  
Atlantic S.  
CRET. U.  
Indian
- A6654 **Lopez-Otálvaro, G.-E., Flores, J.-A., Sierro, F.J. & ODP Leg 202 Shipboard Scientific Party** 2004 Abst.  
Sea-surface dynamics during the last 500kyr in the Equatorial Pacific, as revealed by coccolithophores.  
J. Nannoplankton Res., 26 (2): 72.  
Pacific C.  
P'ocean.  
QUAT.
- A6655 **Lourens, L.J.** 2004 (Strat.)  
Revised tuning of Ocean Drilling Program Site 964 and KC01B (Mediterranean) and implications for the  $\delta^{18}\text{O}$ , tephra, calcareous nannofossil, and geomagnetic reversal chronologies of the past 1.1 Myr.  
Paleoceanography, 19: PA3010, doi:10.1029/2003PA000997.  
Mediterr.  
QUAT.
- A6656 **Loye-Pilot, M.-D., Durand-Delga, M., Feinberg, H., Gourinard, Y. & Magné, J.** 2004 (Strat.)  
Les formations burdigaliennes de Corse orientale dans leur cadre géodynamique.  
C.R. Geoscience, 336: 919-930.  
NEOG.  
TERT.
- A6657 **Maiorano, P. & Marino, M.** 2004 Atlantic N.  
Calcareous nannofossil bioevents and environmental control on temporal and spatial patterns at the early-middle Pleistocene transition.  
Marine Micropaleontology, 53: 405-422.  
Mediterr.  
QUAT.  
Strat.
- A6658 **Maiorano, P. & Marino, M.** 2004 Abst.  
Calcareous nannofossils at the Early-Middle Pleistocene transition from the Atlantic Ocean and Mediterranean Sea.  
J. Nannoplankton Res., 26 (2): 73.  
Atlantic N.  
Mediterr.  
P'ocean.  
QUAT.
- A6659 **Malin, G. & Steinke, M.** 2004 Biol.  
Dimethyl sulfide production: what is the contribution of the coccolithophores?  
In: Thierstein, H.R. & Young, J.R. (Eds.). *Coccolithophores – From Molecular Processes to Global Impact*. Springer-Verlag, Heidelberg: 127-164.
- A6660 **Malinverno, E., Corselli, C. & Ziveri, P.** 2004 Abst.  
Seasonal dynamics of coccolithophorid export production in the pelagic Ionian Sea (eastern Mediterranean).  
J. Nannoplankton Res., 26 (2): 74.  
Ecol.  
Living  
Mediterr.

- A6661 **Marzouk, A.M.** 2004 Abst.  
Miocene calcareous nannoplankton biostratigraphy and palaeoenvironmental interpretations from subsurface wells of the Gulf of Suez, Egypt.  
J. Nannoplankton Res., 26 (2): 76.  
Africa N.  
NEOG.  
P'ecol.  
Strat.
- A6662 **Marzouk, A.M.** 2004 Abst.  
Biostratigraphy and palaeoecological significance of calcareous nannofossils from the Upper Cretaceous of Gabal Oneigah in the north-eastern Sinai (Egypt).  
J. Nannoplankton Res., 26 (2): 75.  
Africa N.  
CRET. U.  
P'ecol.  
Strat.
- A6663 **Marzouk, A.M. & Soliman, S.I.M.** 2004 Africa N.  
Calcareous nannofossil biostratigraphy of the Paleogene sediments on an onshore–offshore transect of Northern Sinai, Egypt.  
Journal of African Earth Sciences, 38 (2): 155-168.  
PALAEOG.  
P'ecol.
- A6664 **Mattioli, E. & Pittet, B.** 2004 (Strat.)  
Spatial and temporal distribution of calcareous nannofossils along a proximal-distal transect in the Lower Jurassic of the Umbria-Marche Basin (central Italy).  
Palaeogeography, Palaeoclimatology, Palaeoecology, 205: 295-316.  
Europe W.  
JURA. L.
- A6665 **Mattioli, E. & Pittet, B.** 2004 Abst.  
Changes in calcareous nannoplankton assemblages during the Early Toarcian Anoxic Event.  
J. Nannoplankton Res., 26 (2): 77.  
Europe W.  
JURA. L.  
P'ecol.
- A6666 **Mattioli, E. & Pittet, B., Young, J.R. & Bown, P.R.** 2004 Biomet.  
Biometric analysis of Pliensbachian-Toarcian (Lower Jurassic) coccoliths of the family Biscutaceae: intra- and interspecific variability versus palaeoenvironmental influence.  
Marine Micropaleontology, 52 (1-4): 5-27.  
JURA. L.  
P'ecol.  
Syst.
- A6667 **Meier, K.J.S., Young, J., Probert, I. & Feist-Burkhardt, S.** 2004 Abst.  
Ploidy-level determination of different life cycle-stages in calcareous dinoflagellates.  
J. Nannoplankton Res., 26 (2): 78.  
Biol.
- A6668 **Merico, A., Tyrrell, T., Lessard, E.J., Oguz, T., Stabeno, P.J., Zeeman, P.I. & Whittlestone, T.E.** 2004 Ecol.  
Modelling phytoplankton succession on the Bering Sea shelf: role of climate influences and trophic interactions in generating *Emiliania huxleyi* blooms, 1997–2000.  
Deep-Sea Research Part I, 51 (12): 1803-1826.  
Living  
Pacific N.  
QUAT.  
Tech.
- A6669 **Minoletti, F., de Rafeilis, M., Renard, M. & Gardin, S.** 2004 Europe W.  
Remaniement des nannofossiles calcaires maastrichtiens dans les sédiments du Danien basal de Bidart (France): arguments isotopiques (carbone et oxygène). [Reworking of Maastrichtian-like calcareous nannofossils in the lowermost Danian sediments of the Bidart section (France): isotopic evidence (carbon and oxygen).]  
Revue de Micropaléontologie, 47 (3): 145-152.  
K/T  
Sedim.
- A6670 **Moita, M.T., Duarte-Silva, A., Palma, S. & Vilarinho, G.** 2004 Abst.  
Mesoscale distribution of *Helicosphaera carteri* and associated assemblages along the upwelling coast of Portugal.  
J. Nannoplankton Res., 26 (2): 79.  
Atlantic N.  
Ecol.  
Living
- A6671 **Monechi, S. & Angori, E.** 2004 Abst.  
The *Rhomboaster-Tribrachiatus* evolutionary trend: remarks and new evidence from the Tethyan area.  
J. Nannoplankton Res., 26 (2): 80.  
Evol.  
PALAEOG.  
World
- A6672 **Needoba, J.A. & Harrison, P.J.** 2004 Biol.  
Influence of low light and a light:dark cycle on  $\text{NO}_3^-$ -uptake, intracellular  $\text{NO}_3^-$ , and nitrogen isotope fractionation by marine phytoplankton.  
Journal of Phycology, 40 (3): 505-516.  
Living

- A6673 **No, M.-H., Kawachi, M. & Inouye, I.** 2004 Biol.  
Induced dimorphic life cycle of a coccolithophorid, *Calyptrosphaera sphaeroidea* (Prymnesiophyceae, Haptophyta).  
Journal of Phycology, 40 (1) : 112-129.  
Ecol.
- A6674 **Olivier, N., Pittet, B. & Mattioli, E.** 2004 Europe W.  
Palaeoenvironmental control on sponge-microbialite reefs and contemporaneous deep-shelf marl-limestone deposition (Late Oxfordian, southern Germany).  
Palaeogeography, Palaeoclimatology, Palaeoecology, 212 (3-4): 233-263.  
JURA. U.  
P'ecol.
- A6675 **Padilla-Avila, P., Sánchez-Rios, M.A., Sánchez-Durán, J., García-Urbano, D., Valle-Reyes, A., Ayala-Nieto, M. & Jiménez-Bueno, D.** 2004 Abst.  
Calcareous nannofossil biostratigraphic correlation of Oligocene-Miocene sediments of three wells in the Campeche Sound, Mexico.  
J. Nannoplankton Res., 26 (2): 81.  
America C.  
Strat.  
TERT.
- A6676 **Parente, A., Cachão, M. & Baumann, K.-H.** 2004 Abst.  
*Coccolithus pelagicus pelagicus* from offshore Iberia during the last 200kyr: a proxy of cold waters.  
J. Nannoplankton Res., 26 (2): 82.  
Atlantic N.  
P'ecol.  
QUAT.
- A6677 **Pearson, P.N., Nicholas, C.J., Singano, J.M., Bown, P.R., Coxall, H.K., van Dongen, B.E., Huber, B.T., Karega, A., Lees, J.A. et al.** 2004 (Strat.)  
Paleogene and Cretaceous sediment cores from the Kilwa and Lindi areas of coastal Tanzania: Tanzania Drilling Project Sites 1-5.  
Journal of African Earth Sciences, 39 (1-2): 25-62.  
Africa C.-S.  
CRET.  
PALAEOG.
- A6678 **Peleo-Alampay, A.M., Fernando, A.G.S. & Pineda, R.P.** 2004 Abst.  
Calcareous nannoplankton in sediments of inland waters: Philippine examples.  
J. Nannoplankton Res., 26 (2): 83.  
Asia E.  
Ecol.  
QUAT.
- A6679 **Perilli, N., Sandoval, J., Aguado, R. & Jimenez, A.P.** 2004 Abst.  
Toarcian-Aalenian calcareous nannofossil changes in some ammonite-controlled successions from the Betic Cordillera (southern Spain).  
J. Nannoplankton Res., 26 (2): 84.  
(Strat.)  
Europe W.  
JURA.
- A6680 **Persico, D. & Villa, G.** 2004 Abst.  
Nannofossil assemblage fluctuations during the Oligocene at Site 748 (Kerguelen Plateau, Antarctica): palaeoecological implications.  
J. Nannoplankton Res., 26 (2): 85.  
Antarctic  
PALAEOG.  
P'ecol.
- A6681 **Persico, D. & Villa, G.** 2004 Antarctic  
Eocene-Oligocene calcareous nannofossils from Maud Rise and Kerguelen Plateau (Antarctica): paleoecological and paleoceanographic implications.  
Marine Micropaleontology, 52 (1-4): 153-179.  
PALAEOG.  
P'ocean.
- A6682 **Pittet, B., Mattioli, E., Riquiert, L. & Excoffier, F.** 2004 Abst.  
Carbonate production by calcareous nannofossils in the Valanginian of the Vocontian Basin (SE France): implications for the formation of marl-limestone alternations.  
J. Nannoplankton Res., 26 (2): 86.  
CRET. L.  
Europe W.  
Sedim.
- A6683 **Probert, I. & Houdan, A.** 2004 Biol.  
The laboratory culture of coccolithophores.  
In: Thierstein, H.R. & Young, J.R. (Eds.). Coccolithophores – From Molecular Processes to Global Impact. Springer-Verlag, Heidelberg: 217-249.  
Tech.
- A6684 **Prokoph, A., Rampino, M., EL Bilali, H.** 2004 CRET.  
Periodic components in the diversity of calcareous plankton and geological events over the past 230 Myr  
PALAEO, 207: 105-125.  
Evol.  
JURA.  
TERT.  
TRIAS. U.  
World

- A6685 **Putland, J.N., Whitney, F.A.& Crawford, D.W.** Survey of bottom-up controls of *Emiliania huxleyi* in the Northeast Subarctic Pacific. Deep-Sea Research I, 51: 1793-1802. **2004** Biol. Ecol. Living Pacific N. QUAT.
- A6686 **Quinn, P.S., Garcia-Sáez, A., Baumann, K.-H., Steel, B.A., Sprengel, C. & Geisen, M.** Coccolithophorid biodiversity: Evidence from the cosmopolitan species *Calcidiscus leptoporus*. In: Thierstein, H.R. & Young, J.R. (Eds.). Coccolithophores – From Molecular Processes to Global Impact. Springer-Verlag, Heidelberg: 299-326. **2004** Atlantic P'ecol. Syst.
- A6687 **Ramalho, M.J., Cachão, M., Freitas, C. & Cruces, A.** The coastal record of calcareous nannoplankton inside the lagoons of Melides and Santo André (SW Portugal). J. Nannoplankton Res., 26 (2): 87. **2004** Abst. Europe W. QUAT. Sedim.
- A6688 **Rasmussen, J.A. & Sheldon, E.** Biostratigraphy of the Cretaceous/Palaeogene boundary, central Copenhagen, Denmark. J. Nannoplankton Res., 26 (2): 88. **2004** Abst. Europe W. K/T Strat.
- A6689 **Robinson, S.A., Williams, T. & Bown, P.R.** Fluctuations in biosiliceous production and the generation of Early Cretaceous oceanic anoxic events in the Pacific Ocean (Shatsky Rise, Ocean Drilling Program Leg 198). Paleoceanography, 19: PA4024, doi:10.1029/2004PA001010. **2004** Strat. CRET. L. Pacific N.
- A6690 **Rodrigues, T., Flores, J.-A., Abrantes, F. & Grimalt, J.O.** Coccolithophore record in the Tagus Prodelta for the last 13.5kyr: a comparison with the biomarker signal. J. Nannoplankton Res., 26 (2): 99. **2004** Abst. Atlantic N. P'ecol. QUAT.
- A6691 **Rodríguez, O.M.** Recognition of the Aptian in a subsurface section of the Eastern Venezuelan Basin using calcareous nannofossils. J. Nannoplankton Res., 26 (2): 90-91. **2004** Abst. America S. CRET. L. Strat.
- A6692 **Rost, B. & Riebesell, U.** Coccolithophore calcification and the biological pump: response to environmental changes. In: Thierstein, H. R., Young, J. R. (Eds.), Coccolithophores – From Molecular Processes to Global Impact, Springer-Verlag, Heidelberg: pp. 99-125 **2004** Biol. Ecol.
- A6693 **Sáez, A.G., Probert, I., Young, J.R., Edvardsen, B., Eikrem, W. & Medlin, L.K.** A review of the phylogeny of the Haptophyta. In: Thierstein, H.R. & Young, J.R. (Eds.). Coccolithophores – From Molecular Processes to Global Impact. Springer-Verlag, Heidelberg: 251-269. **2004** Biol. Ecol.
- A6694 **Sanchez-Rios, M.A., Ayala-Nieto, M., Valle-Reyes, A., González-Lara, J.C., Sánchez-Durán, J., Padilla-Avila, P., Rico-Pérez, J., Aguirre-Meza, L., Quintanilla, G., García-Urbano, D., Pérez-Castaño, C., Reyna-Tellez, B.A., Reyes-Vázquez, A. & Fuentes-Franco, P.A.** High-resolution biostratigraphy in Neogene sediments of two wells in the western Gulf of Mexico. J. Nannoplankton Res., 26 (2): 92. **2004** Abst. America C. NEOG. Strat.
- A6695 **Sato, T., Narikiyo, R. & Chiyonobu, S.** Reconstruction of Late Quaternary nannoplankton productivity in the WPWP and off the Peru area, equatorial Pacific Ocean. J. Nannoplankton Res., 26 (2): 93. **2004** Abst. Pacific C. P'ecol. QUAT.
- A6696 **Sato, T., Yuguchi, S., Takayama, T. & Kameo, K.** Drastic change in the geographical distribution of the cold-water nannofossil *Coccolithus pelagicus* (Wallich) Schiller at 2.74 Ma in the late Pliocene, with special reference to glaciation in the Arctic Ocean. Marine Micropaleontology, 52 (1-4): 181-193. **2004** Atlantic N. NEOG. Pacific N. P'ocean. QUAT. Biol.

- A6697 **Sawada, K. & Shiraiwa, Y.** 2004 Biol.  
Alkenone and alkenoic acid compositions of the membrane fractions of *Emiliania huxleyi*.  
*Phytochemistry*, 65 (9): 1299-1307.
- A6698 **Schiebel, R., Zeltner, A., Treppke, U., Waniek, J., Bollmann, J., Rixen, T. & Hemleben, C.** 2004 Ecol.  
Distribution of diatoms, coccolithophores and planktic foraminifers along a trophic gradient during SW monsoon in the Arabian Sea.  
*Marine Micropaleontology*, 51: 345-371.
- A6699 **Self-Trail, J.M. & Seefelt, E.L.** 2004 Abst.  
Rapid dissolution of calcareous nannofossils from freshly cored sediments, USA.  
*J. Nannoplankton Res.*, 26 (2): 94.  
America N.  
CRET. U.  
Diag.
- A6700 **Sheldon, E.** 2004 Abst.  
Nannofossil biostratigraphy of the Upper Maastrichtian-Danian chalk, Danish Central Graben-eastern Danish Basin.  
*J. Nannoplankton Res.*, 26 (2): 95-96.  
Europe W.  
K/T  
Strat.
- A6701 **Siggelkow, D., Zonneveld, K. & Willems, H.** 2004 Abst.  
Calcareous dinoflagellate cyst production linked to upwelling and lithogenic influx off Cape Blanc (NW Africa)  
*J. Nannoplankton Res.*, 26 (2): 97.  
Atlantic C.  
Ecol.  
Living
- A6702 **Stant, S.A. & Leg 210 Shipboard Scientific Party** 2004 Abst.  
Lower Neogene and Upper Palaeogene calcareous nannofossil biostratigraphy and age constraints on a Middle Eocene hiatus associated with Seismic Horizon Au.  
*J. Nannoplankton Res.*, 26 (2): 98.  
Atlantic N.  
Strat.  
TERT.
- A6703 **Stoll, H.M. & Ziveri, P.** 2004 Biol.  
Coccolithophorid-based geochemical proxies.  
In: Thierstein, H.R. & Young, J.R. (Eds.). *Coccolithophores – From Molecular Processes to Global Impact*. Springer-Verlag, Heidelberg: 529-562.  
P'ocean.
- A6704 **Stoykova, K. & Ivanov, M.** 2004 Europe E.  
Calcareous nannofossils and sequence stratigraphy of the Cretaceous/Tertiary transition in Bulgaria.  
*Journal of Nannoplankton Research*, 26 (1): 47-61.  
K/T  
Strat.
- A6705 **Streng, M., Hildebrand-Habel, T. & Willems, H.** 2004 CRET. U.  
Long-term evolution of calcareous dinoflagellate associations since the Late Cretaceous: comparison of a high- and a low-latitude core from the Indian Ocean.  
*Journal of Nannoplankton Research*, 26 (1): 13-45.  
Evol.  
Indian  
QUAT.  
Syst.  
TERT.
- A6706 **Svábenická, L. & Stráník, Z.** 2004 Abst.  
Calcareous nannofossils as a tool to study the Krosno lithofacies diachroneity, outer Western Carpathians.  
*J. Nannoplankton Res.*, 26 (2): 99.  
Europe E.  
Strat.  
TERT.
- A6707 **Tamagnini, P. & Erba, E.** 2004 Abst.  
Nannofossils record changes in temperature and fertility prior to, during and after the latest Cenomanian Oceanic Anoxic Event 2: new results from the Furlo section (Umbria-Marche Basin, central Italy).  
*J. Nannoplankton Res.*, 26 (2): 100.  
CRET. U.  
Europe W.  
P'ecol.
- A6708 **Tanaka, Y.** 2004 Abst.  
Seasonal variations of coccolithophore fluxes and species composition from sediment traps in the central North Pacific Ocean.  
*J. Nannoplankton Res.*, 26 (2): 101.  
Ecol.  
Living  
Pacific N.

- A6709 **Tang, D.L., Kawamura, H., Doan-Nhu, H. & Takahashi, W.** 2004 Living  
Remote sensing oceanography of a harmful algal bloom off the coast of southeastern Vietnam.  
Journal of Geophysical Research, 109: C03014, doi: 10.1029/2003JC002045.
- A6710 **Theron, R., Paillard, D., Cortijo, E., Flores, J.-A., Vaquero, M., Sierro, F.J. & Waelbroeck, C.** 2004 Abst.  
Data-mining applied to calcareous nannofossils: a perspective for the future?  
J. Nannoplankton Res., 26 (2): 102.
- A6711 **Thierstein, H.R., Cortés, M. & Haidar, A.T.** 2004 Ecol.  
Plankton community behaviour on ecological and evolutionary timescales: when models confront evidence.  
In: Thierstein, H.R. & Young, J.R. (Eds). Coccolithophores – From Molecular Processes to Global Impact. Springer-Verlag, Heidelberg: 455-479.
- A6712 **Thierstein, H.R. & Young, J.R. (Eds)** 2004 Book Overview  
Coccolithophores – From molecular processes to global impact.  
Springer-Verlag, Berlin, Heidelberg: 565pp.
- A6713 **Thomson, J., Crudeli, D., de Lange, G.J., Slomp, C.P., Erba, E. & Corselli, C.** 2004 Mediterr.  
*Florisphaera profunda* and the origin and diagenesis of carbonate phases in eastern Mediterranean sapropel units.  
Paleoceanography, 19 (PA3003): 1-19.
- A6714 **Toledo, F.A.L., Cachão, M. & Costa, K.B.** 2004 Abst.  
Calcareous nannoplankton and ascidin variations on the Brazilian continental margin (SW Atlantic) during the last 25kyr: a palaeoproductivity signature?  
J. Nannoplankton Res., 26 (2): 103-104.
- A6715 **Torricelli, S. & Amore, M.R.** 2003 (Strat.)  
Dinoflagellate cysts and calcareous nannofossils from the Upper Cretaceous Saraceno Formation (Calabria, Italy): implications about the history of the Liguride Complex.  
Rivista Italiana di Paleontologia e Stratigrafia, 109 (3): 499-516.
- A6716 **Tremolada, F. & Bralower, T.J.** 2004 Atlantic N.  
Nannofossil assemblage fluctuations during the Paleocene–Eocene Thermal Maximum at Sites 213 (Indian Ocean) and 401 (North Atlantic Ocean): palaeoceanographic implications.  
Marine Micropaleontology, 52 (1-4): 107-116.
- A6717 **Triantaphyllou, M.V., Aubry, M.-P., Dimiza, M., Gialouri, D. & Dermitzakis, M.D.** 2004 Abst.  
Implications of coccolithophore vertical movement during a day-round sampling.  
J. Nannoplankton Res., 26 (2): 105.
- A6718 **Triantaphyllou, M.V., Ziveri, P., Gogou, A., Gaitani, P., Tselepides, A. & Lykousis, V.** 2004 Abst.  
Species-specific coccolith calcite isotopes and long-chain alkenones as temperature estimates in sediment trap samples.  
J. Nannoplankton Res., 26 (2): 106.
- A6719 **Tyrell, T. & Merico, A.** 2004 Ecol.  
*Emiliania huxleyi*: bloom observations and the conditions that induce them.  
In: Thierstein, H.R. & Young, J.R. (Eds). Coccolithophores – From Molecular Processes to Global Impact. Springer-Verlag, Heidelberg: 75-97.
- A6720 **van Lenning, K., Probert, I., Latsa, M., Estrada, M. & Young, J.R.** 2004 Biol.  
Pigment diversity of coccolithophores in relation to taxonomy, phylogeny and ecological preferences.  
In: Thierstein, H.R., Young, J.R. (Eds). Coccolithophores – From Molecular Processes to Global Impact. Springer-Verlag, Heidelberg: 51-73.
- A6721 **van Simaeys, S., de Man, E., Vandenberghe, N., Brinkhuis, H. & Steurbaut, E.** 2004 (Strat.)  
Stratigraphic and palaeoenvironmental analysis of the Rupelian–Chattian transition in the type region: evidence from dinoflagellate cysts, foraminifera and calcareous nannofossils.  
Palaeogeography, Palaeoclimatology, Palaeoecology, 208 (1-2): 31-58.

- A6722 **Verdegaal, S. & Ziveri, P.** 2004 Abst.  
Refined separation method for coccolith species from sediment core-samples.  
Tech.  
J. Nannoplankton Res., 26 (2): 107.
- A6723 **Villa, G., Lees, J.A. & Bown, P.R.** 2004 Editorial  
Calcareous nannofossil palaeoecology and palaeoceanographic reconstruction.  
Marine Micropaleontology, 52 (1-4): 1-3.
- A6724 **Villa, G., Persico, D. & Bohaty, S.M.** 2004 Abst.  
Middle Eocene climatic amelioration: evidence from calcareous nannofossils at Kerguelen Plateau  
Antarctic  
ODP Sites 748 and 738 (Antarctica).  
PALAEOG.  
J. Nannoplankton Res., 26 (2): 108. P'ocean.
- A6725 **Vink, A., Baumann, K.-H., Böckel, B., Esper, O., Kinkel, H., Willems, H. & Zonneveld K.A.F.** 2004 Atlantic C.  
Coccolithophorid and dinoflagellate synecology in the South and Equatorial Atlantic: Improving the  
Atlantic S.  
paleoecological significance of phytoplanktonic microfossils.  
P'ecol.  
In: Wefer, G., Multizta, S. & Ratmeyer, V. (Eds). The South Atlantic in the Late Quaternary –  
QUAT.  
Reconstruction of Material Budgets and Current Systems. Springer-Verlag, Berlin, Heidelberg: 101-  
120.
- A6726 **Wagreich, M., Küchler, T. & Summesberger, H.** 2003 (Strat.)  
Correlation of calcareous nannofossil zones to the local first occurrence of *Pachydiscus neubergicus*  
CRET. U.  
(von Hauer, 1858) (Ammonoidea) in European Upper Cretaceous sections.  
Europe E.  
Geologie en Mijnbouw, 82 (3): 283-288. Europe W.
- A6727 **Watkins, D.K., Cooper, M.J. & Wilson, P.A.** 2004 Abst.  
Calcareous nannoplankton response to Late Albian Oceanic Anoxic Event 1d in the western North  
Atlantic N.  
J. Nannoplankton Res., 26 (2): 109. CRET. L.  
P'ocean.  
Strat.
- A6728 **Wei, W.** 2004 Pacific S.  
Opening of the Australia–Antarctica Gateway as dated by nannofossils.  
P'ocean.  
Marine Micropaleontology, 52 (1-4): 133-152.
- A6729 **Winter, A. & Elbraechter, M.** 2004 Abst.  
Coccolithophore population dynamics off the Namibian Shelf, October 14-30, 2000.  
Atlantic S.  
J. Nannoplankton Res., 26 (2): 110. Ecol.  
Living
- A6730 **Wise, Jr., S.W., Covington, M., Almonor, N., Cameron, C., Davis, A., Harwood, D., Ladner, 2004 B.C., McCartney, K., Pressley, T., Regaldo, V., Swedberg, O., Stant, A., Thomas, F., Wei, W., Young, J. et al.** Abst.  
Electronic nannoplankton, version #3: a demonstration.  
Overview World  
J. Nannoplankton Res., 26 (2): 111.
- A6731 **Young, J.R. & Andruleit, H.** 2004 Abst.  
Narrow-rimmed placoliths: a distinctive group of deep-photic coccolithophores?  
Ecol.  
J. Nannoplankton Res., 26 (2): 112-113. Living  
Syst.
- A6732 **Young, J.R., Geisen, M., Probert, I. & Henriksen, K.** 2004 Abst.  
Holococcolith and nannolith biomineralisation.  
Biol.  
J. Nannoplankton Res., 26 (2): 114-115.
- A6733 **Young, J.R., Henriksen, K. & Probert, I.** 2004 Biol.  
Structure and morphogenesis of the coccoliths of the CODENET species.  
Evol.  
In: Thierstein, H.R. & Young, J.R. (Eds). Coccolithophores – From Molecular Processes to Global  
Impact. Springer-Verlag, Heidelberg: 191-216.
- A6734 **Ziveri, P., Baumann, K.-H., Bollmann, J. & Young, J.** 2004 Atlantic  
Present day coccolithophore biogeography in the Atlantic Ocean.  
Biogeog.  
In: Thierstein, H.R. & Young, J.R. (Eds). Coccolithophores – From Molecular Processes to Global  
Impact. Springer-Verlag, Heidelberg: 403-428.

A6735	<b>Ziveri, P., Stoll, H. &amp; Kroon, D.</b> Testing coccolith calcite chemistry as palaeoceanographic proxies: algal growth rate and temperature reconstructions from the last 30kyr in the SW Arabian Sea. J. Nannoplankton Res., 26 (2): 116.	2004	Abst. Indian P'ocean.
-------	--	------	-----------------------------

## Taxa - B198

<i>Anthosphaera origami</i> (informal description) Cros, 2004	A6580
<i>Florenciella parvula</i> Eikrem <i>et al.</i> , 2004	A6594
<i>Laternithus variabilis</i> (informal description) Costa & Lima, 2004	A6579
<i>Picarola margalefii</i> Cros & Estrada, 2004	A6581
<i>Reticulofenestra calicis</i> Crudeli & Kinkel, 2004	A6582
<i>Reticulofenestra cisnerosi</i> (informal description) Lancis & Flores, 2004	A6650