Correction to: Upper Campanian-Maastrichtian calcareous nannoplankton biostratigraphy and paleoecology in Wadi Qena, Eastern Desert, Egypt

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The original version of this paper was published with error. Some of the figures are not added such as Plates 1–4 and represented by incorrect figures. Given in this article are the complete and correct figures and plates.

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Fig. 1 Geological map of the study area showing the position of the Hawashiya and Umm Omeiyied sections, Eastern Desert, Egypt (modified Conoco 1987)

Fig. 2 Lithostratigraphic correlation chart of the Upper Campanian/Maastrichtian successions in the study area

Fig. 3 Biostratigraphic distribution chart of the nannoplankton species recorded at Hawashiya section, Eastern Desert, Egypt

Fig. 4 Biostratigraphic distribution chart of the nannoplankton species recorded at the Umm Omeiyied section, Eastern Desert, Egypt

Fig. 5 Total nannofossil abundance, Fisher's alpha, species richness, relative abundances of most common nannofossil taxa in the Upper Campanian-Maastrichtian (*Arkhangelskiella* spp., *Micula* spp., *Eiffellithus* spp., and *Watznaueria* spp.), and life strategies of Hawashiya section

Fig. 6 Total nannofossil abundance, Fisher's alpha, species richness, relative abundances of most common nannofossil taxa in the Upper Campanian-Maastrichtian (*Arkhangelskiella* spp., *Micula* spp., *Eiffellithus* spp., and *Watznaueria* spp.), and life strategies of Umm Omeiyed section

k-strategists	r-strategists
<i>Calculites ovalis</i> <i>Chiastozygus litterarius</i> <i>Cylindralithus serratus</i> <i>Micula concava</i> <i>Manivitella pemmatoidea</i> <i>Octolithus multiplus</i> <i>Retecapsa fucula</i> <i>Placozygus fibuliformis</i> <i>Uniplanarius gothicus</i> <i>Thoracosphaera operculata</i> <i>Zeugrhabdotus embergeri</i> <i>Zeugrhabdotu diplogrammus</i>	<i>Arkhangelskiella cymbiformis</i> <i>Arkhangelskiella confusa</i> <i>Arkhangelskiella maastrichtiana</i> <i>Broinsonia parca constricta</i> <i>Calculites obscurus</i> <i>Ceratolithoides aculeus</i> <i>Cribrosphaerella daniae</i> <i>Cribrosphaerella ehrenbergii</i> <i>Eiffellithus gorkae</i> <i>Eiffellithus eximius</i> <i>Eiffellithus parallelus</i> <i>Eiffellithus turriseiffelii</i> <i>Lithraphidites carniolensis</i> <i>Microrhabdulus decoratus</i> <i>Micula swastica</i> <i>Micula murus</i> <i>Micula staurophora</i> <i>Micula premolisilvae</i> <i>Micula praemurus</i> <i>Microrhabdulus undosus</i> <i>Nephrolithus frequens</i> <i>Prediscosphaera grandis</i> <i>Relecapsa angustiforata</i> <i>Relecapsa crenulata</i> <i>Reinhardtites anthophorus</i> <i>Reinhardtites levis</i> <i>Tranolithus orionatus</i> <i>Watznaueria biporta</i> <i>Watznaueria barnesiae</i>

Fig. 7 Frequency of nannofossils in respect to their ecological characteristics. The majority of individuals in the 2- μ m fraction assign to opportunistic rstrategist taxa are represented by 80% each. And k-strategist taxa ranging between 0 and 20% (for methodology, see Lees 2002)

Fig. 8 **a** Life strategies of nannofossils at the Hawashiya section. **b** Life strategies of nannofossils at Umm Omeiyied section

Fig. 9 Fertility indicators, warm water, cool water, temperature indication of warm, high productivity, low productivity, TOC, CaCO₃, and sedimentation rate of the Hawashiya section

Fig. 10 Fertility indicators, warm water, cool water, temperature indication of warm, high productivity, low productivity, TOC, CaCO₃, and sedimentation rate of the Umm Omeiyed section

Fig. 11 Linear sedimentation rates calculated by calcareous nannoplankton datum age estimates and depths

Plate 1 1–3 *Arkhangelskiella confusa* (Burnett 1998); sample 173, Sudr Formation, Umm Omeiyied section, Early Maastrichtian. 4–5 *Arkhangelskiella cymbiformis* Vekshina, 1959; sample 159, Sudr Formation, Umm Omeiyied section, Late Campanian. 6–7 *Arkhangelskiella maastrichtiensis* Burnett, 1997; sample 90, Sudr Formation, Hawashiya section, Early Maastrichtian. 8 *Broinsonia parca constricta* Hattner et al., 1980; sample 87, Sudr Formation, Hawashiya section, Early Maastrichtian. 9–10 *Broinsonia parca subsp. expansa* Wise & Watkins in Wise (1983); sample 87, Sudr Formation, Hawashiya section, Early Maastrichtian. 11 *Calculites obscurus* (Deflandre, 1959); sample 92, Sudr Formation, Hawashiya section,

Early Maastrichtian. 12–13 *Chiastozygus amphipons* (Bramlette & Martini, 1964); sample 90, Sudr Formation, Hawashiya section, Early Maastrichtian. 14 *Chiastozygus litterarius* (Górka, 1957); sample 90, Sudr Formation, Hawashiya section, Early Maastrichtian. 15–16 *Cribrosphaerella daniae* Perch-Nielsen, 1973; sample 93, Sudr Formation, Hawashiya section, Early Maastrichtian. 17–18 *Cribrosphaerella ehrenbergii* (Arkhangelsky, 1912); sample 185, Sudr Formation, Umm Omeiyied section, Early Maastrichtian. 19–20 *Eiffellithus eximius* (Stover, 1966), sample 157, Sudr Formation, Umm Omeiyied section, Late Campanian

Plate 2 1-2. *Eiffellithus gorkae* Reinhardt (1965); sample 90, Sudr Formation, Hawashiya section, Early Maastrichtian3-4 *Eiffellithus parallelus* Perch-Nielsen (1973); sample 90, Sudr Formation, Hawashiya section, Early Maastrichtian5-6. *Eiffellithus turriseiffelii* (Deflandre in Deflandre & Fert, 1954); sample 98, Sudr Formation, Hawashiya section, Late Maastrichtian7-8. *Gorkaea obliqueclausus* (Varol, 1991); sample 158, Sudr Formation, Umm Omeiyied section, Late Campanian.9. *Lithraphidites carniolensis carniolensis* Deflandre,1963; sample 181, Sudr Formation, Umm Omeiyied section, Early Maastrichtian.10. *Lithraphidites quadratus* Bramlette & Martini, 1964; sample 97, Sudr Formation, Hawashiya section, Late Maastrichtian11. *Manivitella pemmatoidea* (Deflandre in Manivit, 1965), sample 98, Sudr Formation, Hawashiya section, Late Maastrichtian12. *Microrhabdulus decoratus*

Deflandre (1959) sample 88, Sudr Formation, Hawashiya section, Early Maastrichtian13. *Microrhabdulus undosus* Perch-Nielsen (1973), sample 157, Sudr Formation, Umm Omeiyied section, Late Campanian14. *Micula concava* (Stradner in Martini & Stradner, 1960), sample 175, Sudr Formation, Umm Omeiyied section, Early Maastrichtian.15. *Micula praemurus* (Bukry, 1973), sample 178, Sudr Formation, Umm Omeiyied section, Early Maastrichtian.16. *Micula premolisilvae* Lees & Bown, 2005; sample 186, Sudr Formation, Umm Omeiyied section, Early Maastrichtian.17. *Micula murus* (Martini, 1961); sample 99, Sudr Formation, Hawashiya section, Late Maastrichtian18. *Micula staurophora* (Gardet, 1955); sample 93, Sudr Formation, Hawashiya section, Early Maastrichtian. 19-20. *Micula swastica* Stradner & Steinmetz (1984) sample 92, Sudr Formation, Hawashiya section, Early Maastrichtian

Plate 3 1 *Orastrum* spp. sample 97, Sudr Formation, Hawashiya section, Late Maastrichtian. 2 *Ottavianus terrazetus* Risatti, 1973; sample 92, Sudr Formation, Hawashiya section, Early Maastrichtian. 3–4 *Placozygus fibuliformis* (Reinhardt, 1964); sample 98, Sudr Formation, Hawashiya section, Late Maastrichtian. 5–6 *Prediscosphaera cretacea* (Arkhangelsky, 1912) sample 98, Sudr Formation, Hawashiya section, Late Maastrichtian. 7–8 *Prediscosphaera grandis* Perch-Nielsen (1979) sample 188, Sudr Formation, Umm Omeiyied section, Early Maastrichtian. 9–10 *Prolatipatella multicastrinata* Gartner (1968) sample 186, Sudr Formation, Umm Omeiyied section, Early Maastrichtian. 11 *Uniplanarius sissinghii* Perch-Nielsen (1984b); sample 168, Sudr Formation, Umm Omeiyied section, Early Maastrichtian. 12 *Uniplanarius trifidus* (Stradner in Stradner & Papp, 1961) sample 159,

Sudr Formation, Umm Omeiyied section, Late Campanian. 13 *Reinhardtites anthophorus* (Deflandre, 1959) sample 156, Sudr Formation, Umm Omeiyied section, Late Campanian. 14 *Reinhardtites levis* Prins & Sissingh (1977) sample 188, Sudr Formation, Umm Omeiyied section, Early Maastrichtian. 15 *Retecapsa angustiforata* Black (1971) sample 96, Sudr Formation, Hawashiya section, Late Maastrichtian. 16 *Retecapsa crenulata* (Bramlette & Martini, 1964); sample 98, Sudr Formation, Hawashiya section, Late Maastrichtian. 17 *Staurolithites imbricatus* (Gartner, 1968); sample 188, Sudr Formation, Umm Omeiyied section, Early Maastrichtian. 18–20 *Staurolithites zoensis* Burnett, 1997 sample 186, Sudr Formation, Umm Omeiyied section, Early Maastrichtian

Plate 4 1–2 *Thoracosphaera operculata* Bramlette & Martini (1964) sample 188, Sudr Formation, Umm Omeiyied section, Early Maastrichtian. 3 *Uniplanarius gothicus* (Deflandre, 1959); sample 179, Sudr Formation, Umm Omeiyied section, Early Maastrichtian. 4–5 *Watznaueria barnesiae* (Black in Black and Barnes 1959), sample 97, Sudr Formation, Hawashiya section, Late Maastrichtian. 6 *Watznaueria biporta* Bukry (1969), sample 98, Sudr Formation, Hawashiya section,

Late Maastrichtian. 7 *Zeugrhabdotus bicrescenticus* (Stover, 1966) sample 98, Sudr Formation, Hawashiya section, Late Maastrichtian. 8 *Zeugrhabdotus diplogrammus* (Deflandre in Deflandre & Fert, 1954) sample 85, Sudr Formation, Hawashiya section, Early Maastrichtian. 9–10 *Zeugrhabdotus embergeri* (Noel, 1959); sample 98, Sudr Formation, Hawashiya section, Late Maastrichtian