

ERRATA:

Evidence of Hierarchical Organization in the Planktic Foraminiferal Evolutionary Record: *Journal of Foraminiferal Research*, 2004, v. 34, no. 2, p. 85–95.

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Some errors have been noted in the biostratigraphic ranges and spelling of some species plotted in Appendix 1. These errors primarily came about as the result of transcription errors introduced during manual creation of the charts from the parent electronic biostratigraphic database. As part of this revision, six species subsequently recognized to be synonymous have been deleted and the ranges of a few species have been revised (mostly small changes) to reflect recent taxonomic revisions. To determine whether the results of Patterson and others (2004) would be influenced by these changes, the evolutionary data were reanalyzed. The resulting wavelet patterns for speciation and extinction are identical to those published. This result is not surprising since the synonymous deleted species had similar ranges to those retained, and most other species range changes were minor. Thus, the conclusions presented by Patterson and others (2004) have not been influenced by the changes made here. A revised Appendix 1 in portable document format (pdf) is available for download from the *Journal of Foraminiferal Research* Data Repository (item number JFR DR200501) at: <http://cushforams.niu.edu/JFRdata.htm>. Species that have been changed in Appendix 1 are listed below.

CHANGES TO APPENDIX 1

Appendix 1, p. 1

- Globigerinita glutinata* (Range change due to transcription error).
- Globorotalia crassaformis hessi* (Range change due to transcription error).
- Globorotalia tumida flexuosa* (Range change due to transcription error).
- Globorotalia exilis* (Range change due to transcription error).
- Orbulina bilobata* (Range change due to transcription error).
- Zeaglobigerina woodi* (Range change)
- Globigerina apertura* (Range change due to transcription error).
- Globigerina eamesi* (Range change due to transcription error).
- Zeaglobigerina decoraperta* (Range change due to transcription error).
- Globorotalia crassaformis* cf. *viola* (Deleted, as an evolutionary biostratigraphic chart should not include taxa designated using open nomenclature).

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- Globigerinoides subquadratus* (Range change due to transcription error).
- Paragloborotalia opima opima* (Subspecies designation deleted and changed to *Paragloborotalia opima*; range change due to transcription error).
- Zeaglobigerina connecta* (Range change).
- Zeaglobigerina labiacrassata* (Range change).
- Turborotalia nana* (Generic designation changed to *Paragloborotalia nana*).
- Catapsydrax dissimilis dissimilis* (Subspecies designation deleted and changed to *Catapsydrax dissimilis*).

- Cassigerinella eocanica* (Spelling changed to *Cassigerinella eocaenica*).
- Subbotina angiporoides micra* (Deleted, as this taxon is generally lumped with *Subbotina angiporoides*).

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- Acarinina pseudotopilensis* (Range change due to transcription error).
- Acarinina esnaensis* (Range change due to transcription error).
- Subbotina angiporoides angiporoides* (Subspecies designation deleted and changed to *Subbotina angiporoides*).
- Chiloguembelina ototara* (Range change).
- Globigerina corpulenta* (Generic designation changed to *Subbotina corpulenta*).
- Turborotalia centralis* (Deleted, as it is a junior synonym of *Turborotalia cerroazulensis*).
- Globigerinotheka senni* (Spelling changed to *Globigerinotheka senni*).
- Paragloborotalia griffinae* (Spelling changed to *Paragloborotalia griffinae*).
- Subbotina trivialis* (Range change).
- Globanomalina planoconica* (Range change).
- Chiloguembelina midwayensis* (Range change).

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- Plummerita hantkenoides* (Spelling changed to *Plummerita hantkenoides*; range change).
- Rugotruncana nothi* (Range change due to transcription error).
- Globanomalina angulata abundocamerata* (Subspecies designation deleted and changed to *Acarinina abundocamerata*).
- Igorina pussila* (Spelling changed to *Igorina pusilla*).
- Helvetoglobotruncana prae-helvetica* (Range change).
- Heterohelix globulosa* (Range change).
- Globanomalina tortiva* (Deleted as it is a junior synonym of *Acarinina hansbollii*, species no longer recognized as a valid species as it in turn is now considered a junior synonym of *Acarinina praecursoria*).

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- Hedbergella flandrini* (Range change due to transcription error).
- Globotruncana angusticarinata* (Actually *Marginotruncana angusticarinata*, but is deleted from database because species not widely reported and name has not appeared in the literature for more than 30 years.).
- Planomalina caseyi* (Deleted; a junior synonym of *Globigerinelloides bentonensis*).
- Hedbergella delrioensis* (Range change).
- Whiteinella archaeocretacea* (Range change).
- Planomalina buxtorfi* and *Planomalina praebuxtorfi* (Names switched to get the correct ranges for these species).
- Globigerinelloides barri* (Range change).
- Ticinella bejaouaensis* (Range change).

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- Conoglobigerina bathoniana* (Range change due to transcription error).

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