



http://app.pan.pl/SOM/app71-Shaker_etal_SOM.pdf

SUPPLEMENTARY ONLINE MATERIAL FOR

A new species of *Halisaurus* (Mosasauridae: Halisaurinae) from the Late Cretaceous of Egypt

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Supplementary Online Material

SOM 1. Phylogenetic analyses using implied weighting ($K = 2$ and $K = 12$) and Bootstrap 50% majority-rule consensus tree.

SOM 2. Expanded phylogenetic character matrix including *Pluridens imelaki* (16 taxa, 37 characters)
available at http://app.pan.pl/SOM/app71-Shaker_etal_SOM/SOM_2.nex

SOM 3. Phylogenetic character matrix excluding *Pluridens imelaki* (15 taxa, 31 characters)
available at http://app.pan.pl/SOM/app71-Shaker_etal_SOM/SOM_3.nex

SOM 1.

Phylogenetic analyses using implied weighting (A, K=2; B, K=12) and Bootstrap 50% majority-rule consensus tree (C)

A. Phylogenetic analysis using implied weighting (K=2)

Goloboff fit = -29.70000 (tree length = 74)

Consistency index (CI) = 0.5676

Homoplasy index (HI) = 0.4324

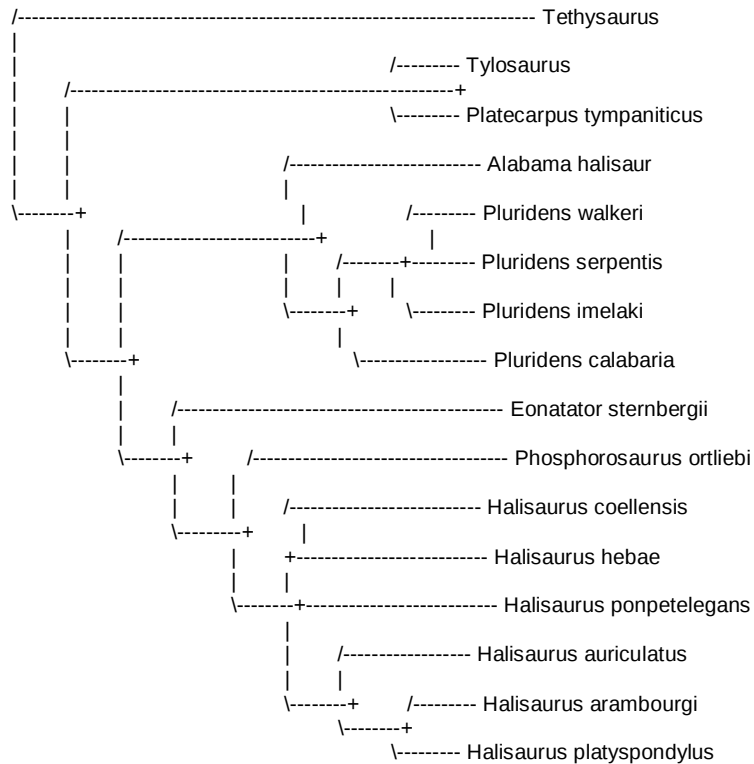
CI excluding uninformative characters = 0.5616

HI excluding uninformative characters = 0.4384

Retention index (RI) = 0.7117

Rescaled consistency index (RC) = 0.4039

Strict consensus of 12 trees:



B. Phylogenetic analysis using implied weighting (K=12)

Goloboff fit = -33.93274 (tree length = 73)

Consistency index (CI) = 0.5753

Homoplasy index (HI) = 0.4247

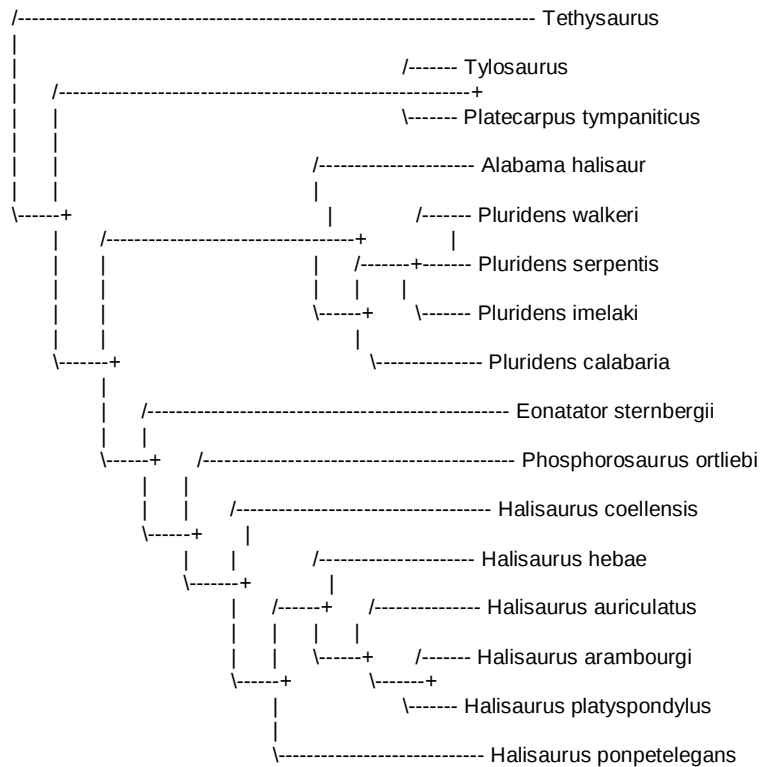
CI excluding uninformative characters = 0.5694

HI excluding uninformative characters = 0.4306

Retention index (RI) = 0.7207

Rescaled consistency index (RC) = 0.4147

Strict consensus of 3 trees:



C. Bootstrap 50% majority-rule consensus tree

