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A phylogeny and revised classification of clupeomorph fishes (Teleostei, Otomorpha)

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A number of errors slipped through the successive rounds of proofreading; they are listed here:

- In the Abstract and Résumé on pages 401 and 402, “†Eoellimmichthyinae” should read “†Eoellimmichthyinae”.
- In the caption for Figure 3, the species names of specimens D and E were reversed. The correct species names are: D, †*Diplomystus dentatus* Cope, 1877 (†Gasteroclupeidae), Eocene, Wyoming, USA; NHMUK PV P.52501; E, †*Gasteroclupea branisai* Signeux, 1964 (†Gasteroclupeidae), Upper Cretaceous, Bolivia; MNHN F.1963.11.1, lectotype. The illustration and its caption are reproduced on page 2, with the correct species names. This error was confined to the original figure caption only. All references to Figures 3D and 3E in the main text already correspond to †*Diplomystus dentatus* and †*Gasteroclupea branisai*, respectively, and therefore require no amendment.
- Figure 41: the correct name for the terminal taxon indicated as *Jenkinsia spratelloides* is *Jenkinsia lamprotaenia*. The illustration and its caption are reproduced on page 3, with the correct species names.
- Page 406: paragraph “Time-scaled phylogenetic trees”: twelve additional calibration points were used, not ten.
- Pages 503, 519 and 541: the authorship “Signeux, 1964” should read “Signeux, 1964”.
- Page 516: Unambiguous synapomorphies of the epifamily Engrauloidae n. epif. The correct transformation character state for the state “vomerine teeth grouped into two well-defined groups, each at anterolateral end of the vomer” is (71:1>0).
- Appendix 1: the correct catalogue number associated with *Chirocentrodon bleekermanus* (Poey, 1867) specimen is AMNH 10118.
- Appendix 1: the institutional attribution and catalogue information for †*Trollichthys bolcensis* should read: MSNM V2890a/b, V235; MCSNV IG.VR.24388, IG.VR.132573/132574, IG.VR.81999/82000, IG.VR.82193/82194; NHMUK PV OR.37227.
- Appendix 3: the geological age entry for †*Knightsia vetusta*, “Salendian”, should read “Selandian”.

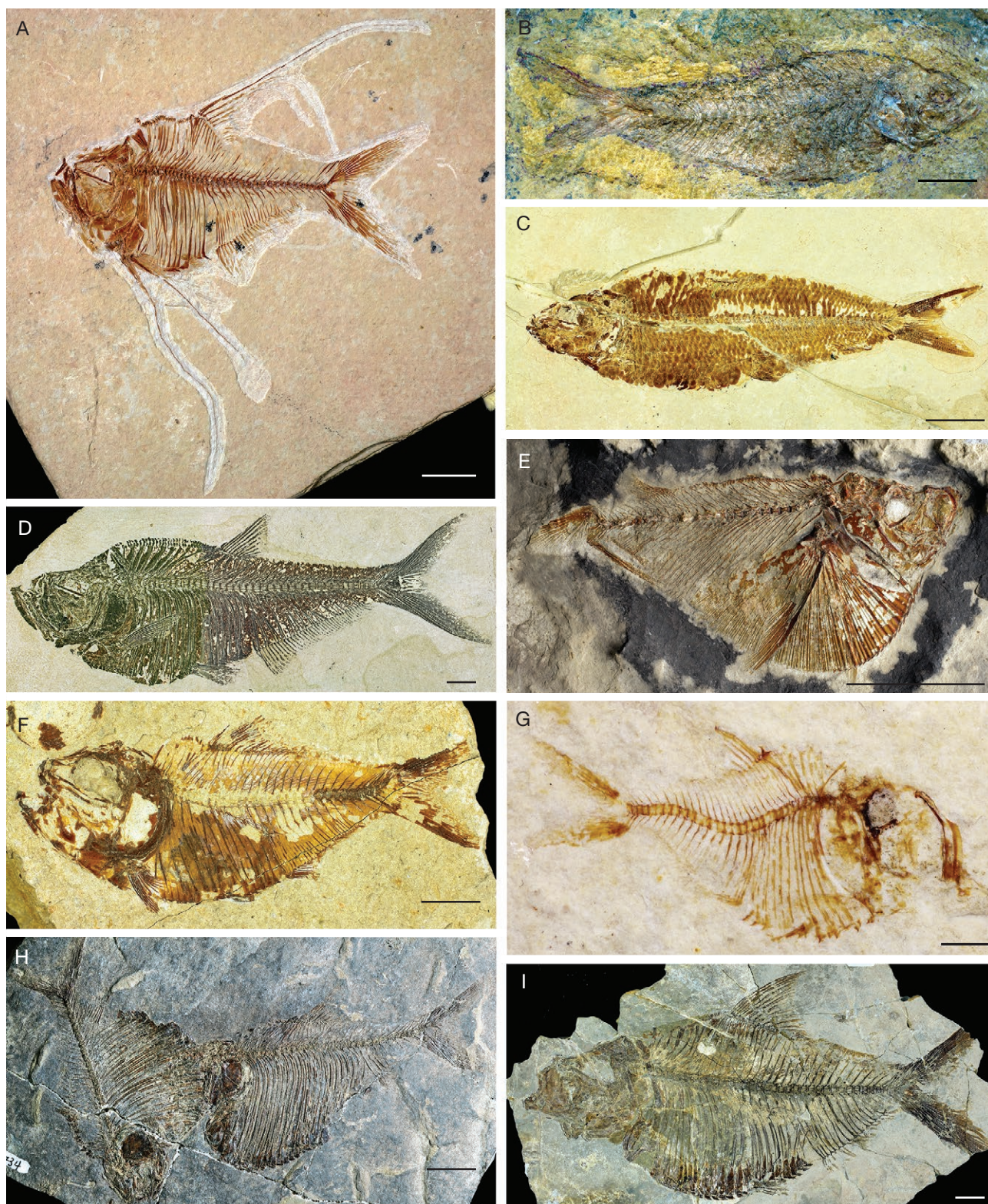


FIG. 3. — Selected representatives of the fossil families of the †Ellimmichthyiformes: **A**, †*Sorbiniichthys elusivo* Bannikov & Bacchia, 2000 (†Sorbiniichthyidae), Upper Cretaceous, Lebanon; CLC S-431a, holotype (photo: courtesy of Luigi Capasso); **B**, †*Codoichthys carnavaalii* Santos, 1994 (†Ellimmichthyiformes *incertae sedis*), Lower Cretaceous, Brazil; DGM 435-P, holotype (photo: courtesy of Francisco Figueiredo); **C**, †*Ornategulum sardinioides* (Pictet, 1850) (†Scutatuspinosidae), Upper Cretaceous, Lebanon; NHMUK PV P.63293; **D**, †*Diplomystus dentatus* Cope, 1877 (†Gasteroclupeidae), Eocene, Wyoming, USA; NHMUK PV P.52501; **E**, †*Gasteroclupea branisai* Signeux, 1964 (†Gasteroclupeidae), Upper Cretaceous, Bolivia; MNHN F.1963.11.1, lectotype; **F**, †*Armigatus brevissimus* (Blainville, 1818) (†Armigatidae), Upper Cretaceous, Lebanon; NHMUK PV P.473/6; **G**, †*Eoellimmichthys superstes* Marramà, Bannikov, Kriwet & Carnevale, 2019 (†Paraclupeidae: †Eoellimmichthyinae n. subfam.), Eocene, Italy; MCSNV IG.23695, holotype; **H**, †*Ellimmichthys longicostatus* (Cope, 1886) (†Paraclupeidae: †Ellimmichthyinae), Lower Cretaceous, Brazil; AMNH DVP.734; **I**, †*Paraclupea pietrarajae* Marramà & Carnevale, 2023 (†Paraclupeidae: †Paraclupeinae), Upper Cretaceous, Italy; MRSN P/260.3, holotype. Scale bars: 10 mm.

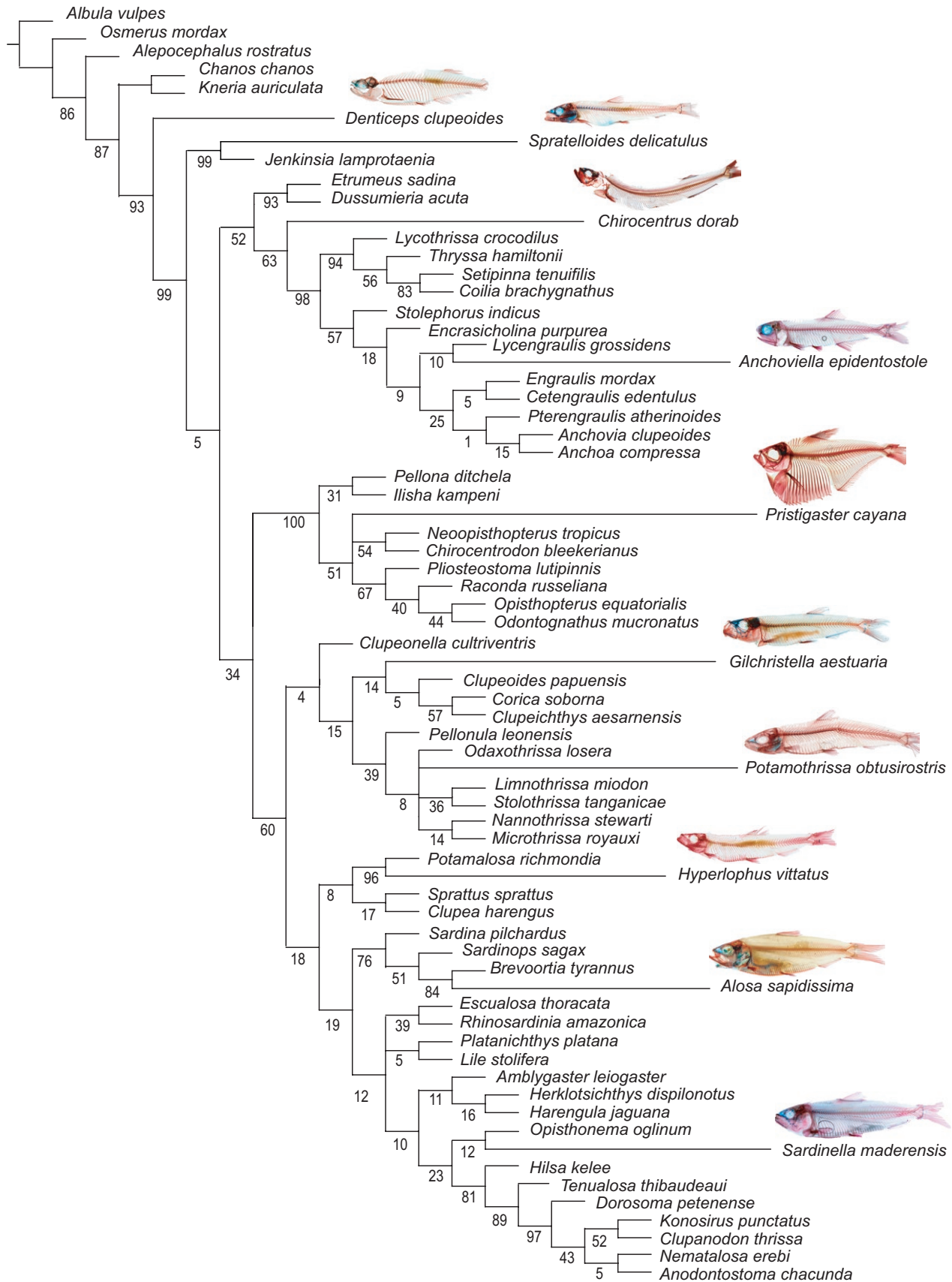


FIG. 41. — Bootstrap consensus tree (1000 replicates) retrieved in TNT v.1.6 based on 368 morphological characters and 69 terminal taxa highlighting the inter-relationships of the living Clupeiformes. Numbers below nodes indicate the bootstrap values.