

PLATES

PLATE 1

All scale bars 1 cm

A–M. Teeth of cetaceans:

A. *Squalodon calvertensis*, molariform tooth, USNM 48756.

B. *Squalodon calvertensis*, molariform tooth, J. Ricard collection (cast, USNM 488602).

C, D. *Squalodon calvertensis*, anterior incisor, USNM 488600, C: lateral or medial view, D: anterior or posterior view.

E, F. *Phocageneus venustus*, posterior tooth, USNM 487258, E: medial view, F: lateral view.

G. ?*Phocageneus venustus*, tooth, J. Ricard collection; (cast, USNM 488604).

H. ?*Phocageneus venustus*, anterior tooth, J. Ricard collection (cast, USNM 488603).

I. Kentriodontidae, USNM 487265.

J. Kentriodontidae, USNM 488605.

K. Physeteridae, tooth, USNM 487266.

L, M. Physeteridae, tooth, T. O'Hagan collection (cast, USNM 488606); L: medial view, M: lateral view.

N–Q. Physeteridae, right periotic, J. Ricard collection (cast, USNM 488607); N: dorsal view, O: ventral view, P: lateral view, Q: medial view; ap=anterior process, ao=attachment area of accessory ossicle, fiam=fundus of the internal auditory meatus, pp=posterior process.

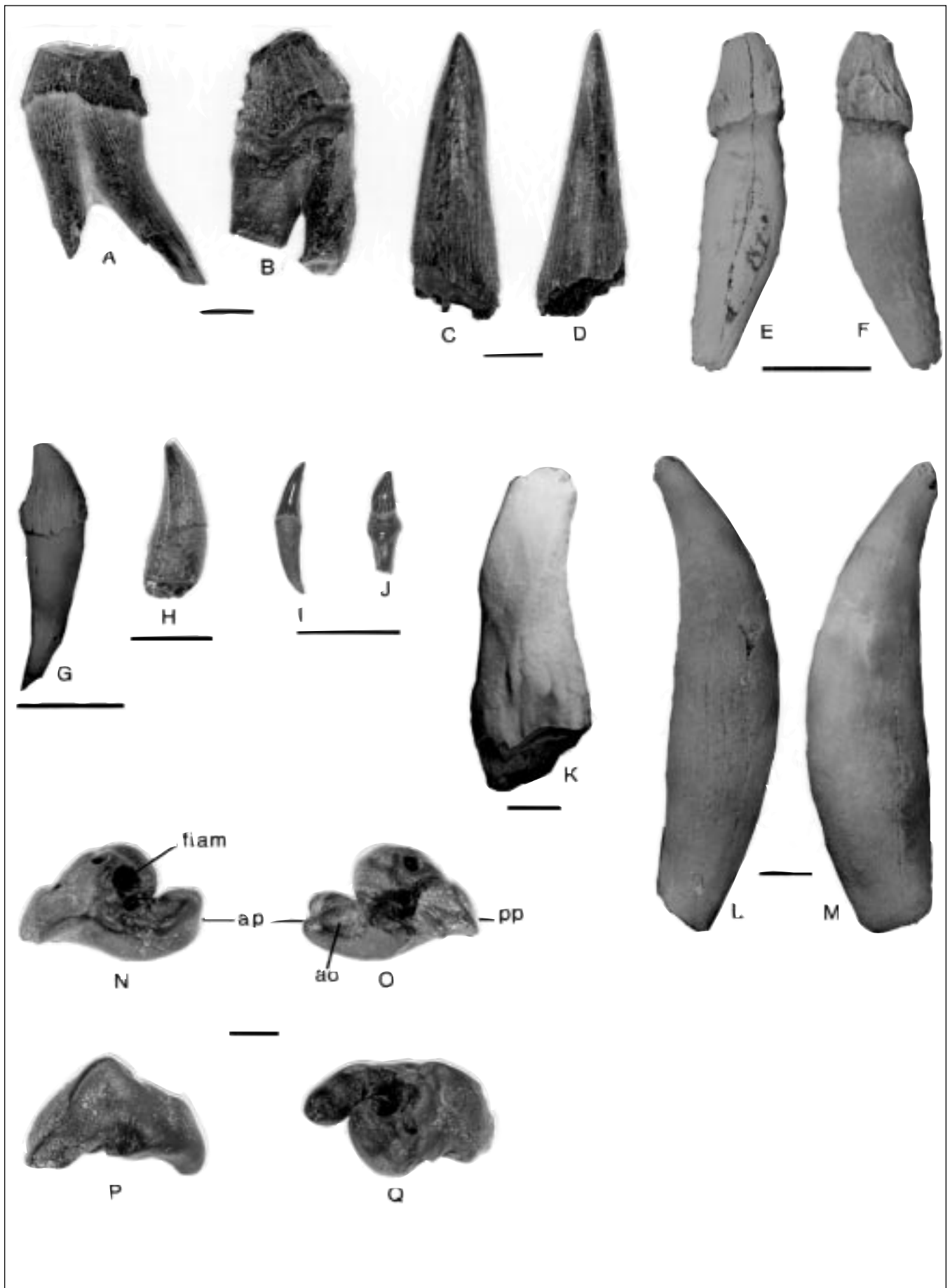


PLATE 2

All scale bars 1 cm

A–E. Odontocetes:

A, C. *Zarhachis flagellator*, symphyseal portion of mandible, USNM 487259; A: dorsal view, C: ventral view.

B, D. *Rhabdosteus* sp., symphyseal portion of mandible, USNM 487264; B: dorsal view, D: ventral view.

E. *Zarhachis flagellator*, mandible, USNM 487260, ventral view.

F–G. Phocids:

F. *Leptophoca lenis*, partial left calcaneum, USNM 475898, dorsal view.

G. *Callophoca obscura*, Pliocene, North Carolina; left calcaneum, USNM 373541, dorsal view (for orientation);
ams=anteromedial articular surface, dt=dorsal table (ridge), g=groove between ridge on dorsal table and trochlear
process, pas=posterior articular surface, t=trochlear process.

