

**A NEW FAMILY OF MYOPSID SQUID FROM AUSTRALASIAN WATERS
(CEPHALOPODA: TEUTHIDA)**

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ABSTRACT: A new species of myopsid squid is described from the northern Australian and Papua New Guinean waters. The species differs from the members of Loliginidae in having a large, subcircular, funnel locking cartilage which is bisected by a boomerang-shaped groove running antero-posteriorly, and a photophore of sepiolid type on the ventral surface of the ink sac. The fins of the new species are separated, not united posteriorly. There is a deep, narrow and long pocket between the arms III and IV into which the tentacular stalk can be retracted. A new family is here erected to accommodate it.