

## ABSTRACT

AUGUSTYN, C.J.,LIPINSKI, M.R.,SAUER, W.H.H.,ROBERTS,  
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**Chokka Squid on the Agulhas Bank: life history and ecology**

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Available knowledge is reviewed and new data incorporated in a synthesis of the life history and ecology of the chokka squid *Loligo vulgaris reynaudii*. We attempt to show that these aspects are essential to rational management of the resource. The life cycle is described in detail from the egg to adult stage, mainly in biological terms, including a comprehensive description of maturation, migration and reproduction. Possible ecological interactions, particularly those of paralarvae and copepods, are discussed. Predator-prey relationships and the current state of knowledge on the effect of the physical environment on squid availability and abundance are summarized.