

**Histology of the testis of the Blotched Blue-tongued lizard, *Tiliqua nigrolutea* (Scincidae), throughout the annual reproductive cycle.**

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The Blotched Blue-tongued lizard, *Tiliqua nigrolutea*, is a large skink found in south-eastern mainland Australia and Tasmania. This lizard is cryptic and solitary for most of the year. Winter torpor is followed by spring emergence and spermatogenesis in the males. In October, mature spermatozoa are clearly visible in the hypertrophied testis, coinciding with peak plasma testosterone levels and in the gonadosomatic index. Mating is delayed until November, after which the animals separate again. By December, sperm are no longer visible in the testis, which is regressed.