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Some necessary fine-tuning in the order Spirobolida (Spirobolidae, Messicobolidae, Atopetholidae)

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ABSTRACT

The following taxonomic and/or nomenclatorial changes are proposed: *Oxobolus* Chamberlin, 1922, as a subjective junior synonym of *Messicobolus* Brolemann, 1913; *Spirobolus reptans* Porat, 1889, is transferred from *Messicobolus* to *Hiltonius*, with *Spirobolus callipus* Bollman, 1893, as a subjective junior synonym; the gonopods of the type specimen of *Atopetholus californicus* Chamberlin, 1918, and *Hesperolus wheeleri* Chamberlin, 1918, are illustrated for the first time; the latter name is based on an immature male holotype and generic position thus uncertain although geographically the species is doubtless referable to *Atopetholus*; *Spirobolus vulvanus* Karsch, 1881, is transferred from *Cyclothyrophorus* to *Centrelus* and the gonopods of the male lectotype illustrated for the first time; the gonopods of *Cyclothyrophorus salvini* Pocock, 1908, are illustrated and the genus confirmed as an atopetholid taxon. *Atopetholus parvus* Chamberlin, 1918, is redescribed from the "lost" holotype and considered provisionally as type species of the nominal genus *Tidolus*. *Toltecolus* Chamberlin, 1943, is resurrected from the synonymy of *Centrelus* to accommodate the two species *garcianus* Chamberlin, 1943, and *fluvialis* Loomis, 1968.