

# A new derived and highly polymorphic chromosomal race of *Liolaemus monticola* (Iguanidae) from the 'Norte Chico' of Chile

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A multiple Robertsonian fission chromosomal race of the *Liolaemus monticola* complex in Chile is described and is shown to be the most derived and the most complex among the *Liolaemus* examined thus far. The 29 karyotyped lizards analysed from the locality of Mina Hierro Viejo, Petorca, Provincia de Valparaiso, Chile, exhibited a diploid chromosomal number ranging from 42 to 44, and several polymorphisms. The polymorphisms included: a pair 1 fission; a pair 2 fission plus a pericentric inversion in one of the fission products, which moved the NOR and satellite from the tip of the long arm of the metacentric 2 to the short arm of the fission product; a fission in pair 3; a polymorphism for an enlarged chromosome pair 6; and a polymorphism for a pericentric inversion in pair 7. This population is fixed for a fission of chromosome pair 4. A total of 76% of the lizards analysed were polymorphic for one or more pairs of chromosomes. We have compared these data with other *Liolaemus monticola* c