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THE KARYOTYPE OF *VANZOLINIUS DISCODACTYLUS* AND COMMENTS ON USEFULNESS OF KARYOTYPES IN DETERMINING RELATIONSHIPS IN THE *LEPTODACTYLUS*-COMPLEX (AMPHIBIA, LEPTODACTYLIDAE)

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Information on karyotypes of several species of the frog genera *Adenomera* and *Leptodactylus* recently has become available. Bogart (In press) described and figured the karyotypes of 16 species of *Leptodactylus* and 3 species of *Adenomera* (reported as the *marmoratus* group members of the genus *Leptodactylus*). We have obtained information on the karyotypes of 9 species of *Leptodactylus* and *Vanzolinius discodactylus*. The purpose of this paper is to describe the karyotype for the previously unreported *V. discodactylus* and offer alternatives to the relationships among the *Leptodactylus*-complex to those proposed by Bogart (In press). It should be pointed out that the genera *Adenomera, Leptodactylus,* and *Vanzolinius* have been considered to all belong to the genus *Leptodactylus* until recently.

Methods and Materials

The technique and terminology used in preparation and description of the karyotypes follows Patton (1967). Approximately 50 cells were examined from marrow, spleen, or testis tissue of the specimens. The material was examined