

Technical Report No. 129
BIBLIOGRAPHY ON THE SPECIES AND
GENUS SIGMODON (CRICETIDAE, RODENTIA)

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GRASSLAND BIOME
U.S. International Biological Program

July 1971

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PREFACE

This bibliography was prepared while Dr. Savić, of the Yugoslavian Institute for Biological Research, was on a temporary appointment at the Institute of Ecology at the University of Georgia. Although Sigmodon is known to occur at only three of the current study sites of the Grassland Biome (Jornada, Osage, and Pantex), it is an important component of the mammalian fauna of most of the southern United States and Mexico. It is therefore relevant to IBP studies in general, because of its potential importance to deciduous forest, desert, and tropical regions as well as grasslands.

This bibliography is included in the technical report series in order to make it available to IBP participants.

ABSTRACT

Sigmodon are abundant mammals in grass and herb dominated communities in southern United States. They serve as an important link in the complex of natural food-chains, and may be significant in the spread of parasites on infective diseases. Because of their importance, a relatively large literature has developed which reports data on the life history, taxonomy, physiology, health, and ecology of the genus. Sigmodon have also been adopted as a laboratory animal for medical studies. We have prepared this bibliography on Sigmodon as an aid to further research.

INTRODUCTION

Sigmodon inhabits the southern United States and extends through Mexico and Central America into the tropical regions of northern South America. It appears to have a tropical origin. According to Hall and Kelson (1959), there are 13 species of Sigmodon: S. hispidus, S. Fulviventor, S. alleni, S. macdougalli, S. vulcani, S. guerrerensis, S. melanotis, S. minimus, S. ochrognathus, S. leucotis, S. alticola, S. macrodon, and S. planifrons.

The authors will be very thankful for all comments on, and additions to, the present bibliographical review.

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