

Cattle Droppings as Ecological Units

Author: Carl O. Mohr

Source: *Ecological Monographs*, Vol. 13, No. 3 (Jul., 1943), pp. 275-298.

Published by: Ecological Society of America

CATTLE DROPPINGS AS ECOLOGICAL UNITS

CARL O. MOHR

Illinois Natural History Survey, Urbana, Illinois

TABLE OF CONTENTS

	PAGE
INTRODUCTION	277
HABITAT AND METHODS	277
ACCOUNT OF WEATHER AND ITS POSSIBLE EFFECT.....	277
SYSTEMATIC TABLE OF ARTHROPODS COLLECTED.....	278
SURFACE SUCCESSION DURING SUMMER.....	279
SURFACE SUCCESSION DURING SPRING AND FALL.....	282
HIBERNATING INSECTS IN FRESH DROPPINGS.....	283
PHYSICAL CHANGES OF DROPPINGS.....	283
THE MICROSERE AND ITS STAGES.....	283
SPECIES COMPONENTS OF THE FIRST MICROSERAL STAGE.....	284
SPECIES COMPONENTS OF THE SECOND MICROSERAL STAGE.....	292
SPECIES COMPONENTS OF THE THIRD MICROSERAL STAGE.....	294
IRREGULAR INFLUENTS	296
RELATIVE ABUNDANCE OF LARVAE OF THE FIRST MICROSERAL STAGE.....	296
ECOLOGICAL POSITIONS OF LARVAE.....	296
BOVINE DUNG AS A STRUCTURAL UNIT OF THE PRAIRIE.....	297
SUMMARY	297
BIBLIOGRAPHY	298