CONTENTS

| Chapter | Title | Page |
|---------|---|----------------|
| 70 | To keep die ook die oo | 1 24 |
| I | Introduction | 1 - 24 |
| | Characteristics of the hemolymph | 2 |
| | Hemocytes | 7 |
| | Hemocyte types in various orders | 18 |
| | Hemocyte functions and activities | 21 |
| | Hemograms in insects | 21 |
| II | Materials and Methods | 25 - 38 |
| | Materials | 25 |
| | Techniques employed for the study of hemocytes | 30 |
| III | Observations and Results | 39 - 62 |
| IA | Discussion | 63 – 95 |
| | Techniques of the study | 63 |
| | Categories of the hemocytes | 66 |
| | Comparison of the hemocyte picture | 75 |
| | Hemocytes in relation to food habit and habitat | 91 |
| | Effect of experimental stress on P. americana hemocytes | 93 |
| | Bibliography | 96 - 103 |