ACKNOWLEDGEMENT

During the course of this investigation I have received help from many sources. Firstly I am very grateful to Dr. R.S. Bisht of Archaeological Survey of India and Prof. D.P. Agrawal of Physical Research Laboratory, Ahmedabad for associating me with the Semthan excavations and Kashmir Palaeoclimate project team respectively.

I wish to take this opportunity to gratefully recognize the unstinting help and thoughtful guidance given throughout this investigation by Dr. G.M. Buth, Reader, Department of Botany, Kashmir University, Srinagar.

I express my sincere gratitude to Prof. P. Kachroo, former Head, Department of Botany, Kashmir University, for valuable help and encouragement and to Professor G.M. Javeid, Head, Department of Botany for providing necessary research facilities. My sincere thanks are due to Dr. A.R. Naqshi for his constant help in many ways, particularly identification of plant taxa.

For providing library and laboratory facilities I am grateful to Director P.R.L Ahmedabad; Director B.S.I.P. Lucknow and President F.R.I. Dehradun. In particular I am thankful to Prof. D.P. Agrawal, Dr. Sheela Kusumgar, Dr. B.S. Kotlia, Mr. Navin Juyal (all of
P.R.L. Ahmedabad) and Dr. Vishnu Mitre of B.S.I.P. Lucknow for their constant help and encouragement.

Many friends and colleagues have been of immense help during this investigation. My sincere thanks to all of them particularly Zafer, Naseem, Ashraf, Hamid, Irshad and Arti. To Maqsooda I owe much more than words can express.

I record my gratitude and respect for my esteemed parents for their constant encouragement and long suffering patience. I gratefully acknowledge the affection and love received from my brothers and sisters.

Financial assistance received from U.G.C. New Delhi is gratefully acknowledged. I am also grateful to Shri V.G. Shah (SEM Operator) Shri Noor Mohd (Photographer) and Shri Mohammad Sidiq Dar (Typist) for their technical help.