

## Acknowledgements

I am greatly indebted to my academic adviser, Professor M. Kakishima, for his supervision, guidance and continued support throughout the study on fungal taxonomy and throughout my stay in the University of Tsukuba, Japan.

I am also greatly indebted to Professor Y. Ono, Faculty of Education, Ibaraki University for his guidance and invaluable advice during my study on taxonomy of rust fungi.

Associate Professor Y. Yamaoka, Laboratory of Plant Parasitic Mycology, Institute of Agriculture and Forestry, University of Tsukuba, Professor S. Tokumatsu, Sugadaira Montane Research Center, University of Tsukuba, Professor Y. Kono, Laboratory of Applied Zoology, Institute of Agriculture and Forestry, University of Tsukuba, for their helpful advice and suggestions when serving as members of my Advisory Committee. Former Professor K. Katsuya, for his encouragement in the conduct of the study.

I thank Dr. T. Tsukiboshi, National Institute of Agro-Environment Sciences, Tsukuba, for his supporting and advice in the conduct of the molecular experiments at National Institute of Agro-Environment Sciences.

I thank Dr. H. Imai, National Institute of Agro-Environment Sciences, Tsukuba, for his encouragement in my life.

I also thank the present and former members of the Laboratory of Plant Parasitic Mycology, Dr. C. Abe, Dr. Cheng M. Tian, Dr. E. V. Virtudazo, Dr. D.

Wahyuno, Dr. N. Ohtaka, Dr. F. Usuki, Dr. R. Kaneko, Miss. J. Engkhaninun and Mrs. Ying M. Liang for their fruitful discussion and helps.

Finally, I thank my families to support me to study in Japan, especially for my wife Misa Fujita.