ACKNOWLEDGEMENT

Thanks to the God which are in heaven for his bless and love in everyday and every time. Because of his love and grace, strength that given to me in completing this thesis. The writer also give thanks to all people that can't be listed all the names who supported her in completing this thesis.

The deepest gratitude and thanks for my thesis supervisor, Mr Syarifuddin M.Sc., Ph.D. who has given support, suggestion and motivation in writing this thesis, without his guidance, this thesis would not have been possible to finish. The writer also thanks to academic supervisor Dr. Ely Djulia, M.Pd who has given support at least four years to the writer from beginning until the end of examination.

This thesis wouldn't be completed without supports, gudances, and suggestion from many division. First and foremost, my appreciation goes to the Dean of Mathematic and Science Faculty, Dr. Asrin Lubis, M.Pd, Coordinator of Bilingual Study Program, Dr. Iis Siti Jahro, M.Si, the Head of Biology Department, Dr. Hasruddin, M.Pd, and for thesis examiners, Prof. Dr. Herbert Sipahutar, M.S., M.Sc, Dr. Tumiur Gultom, S.P., M.P, Dra. Meida Nugrahalia, M.Sc and Drs. Tri Harsono, M.Si for their important comments and suggestions to make this thesis better.

The writer also greatly appreciate for the contribution of Digital Library State University of Medan and all the staff for the kindness to give the writer chance to do research there.

Special greatest thanks also give to my awesome parents, Morlen Sinurat and Senneria Sihombing for their unending love and care from I started this research until finished, to my best brother Rafael Sinurat and my sisters Sani and Vita Sinurat.

Thanks a lot for all of my family in Bilingual Biology 2012 especially and my friends in cost for all of their care. Writer try the best to finished this thesis, but realize that are so many lackness and weakness especially in content. The critics and advices are welcome from the reader in order to make this thesis better.

Medan, 25 July 2016 Writer,

Chandra Sinurat IDN: 4123342003