**The Revision of Lichen Flora around Maxwell Bay, King George Island, Maritime Antarctic**

Jae Eun So1, 2\*; Josef P. Halda3; Soon Gyu Hong1, 2; Jae-Seoun Hur4; Ji Hee Kim1

1 Division of Life Sciences, Korea Polar Research Institute, KIOST, Incheon, Korea; 2 Department of Polar Sciences, University of Science and Technology, Incheon, Korea; 3 University of Hradec Kralove, Faculty of Science, Department of Biology, Rokitanskeho 62, CZ-500 03 Hradec Kralove, Czech Republic; 4 Korean Lichen Research Institute (KoLRI), Sunchon National University, Suncheon, Korea \*E-mail: cladonia@kopri.re.kr

Maxwell Bay (62°25′S; 58°85′W) lies between King George Island and Nelson Island in the South Shetland Islands, maritime Antarctic. After the floristic study of lichens at Barton and Weaver Peninsulas of King George Island in 2006, there have been intensive investigations of lichen flora of the two peninsulas as well as Fildes Peninsula and Ardley Island in Maxwell Bay.

A total of 105 species belonging to 48 genera were identified from the investigations of lichens collected in austral summer seasons during 2008~2016. Among them 33 species are endemic to the Antarctic and 44 species are new to Maxwell Bay region. *Pertusaria* aff. *dactylina* and *Verrucaria striatula* are newly recorded to the Antarctic and previously reported taxon *Cladonia* *furcata* was excluded from the previously recorded list due to misidentification. In addition, ecological and geographical information were provided with lichen associations and habitat preference of species.