

Association Floral of the Nectar Thief *Bombus terrestris* (Linnaeus, 1758) (Hymenoptera: Apidae) and Its Degree of Dispersion in Magallanes, Chile

Cavallieri, Gianfranco (School: Staunton River High School/Roanoke Valley Governor's School)

Sanhueza, Pablo (School: American Heritage School of Boca Delray)

Bombus terrestris is a exotic Pollinator introduced with commercial purposes , and in the last years has colonized and invaded a large part of Chile and Argentina. The first report in the nature data around 1998 and 2006 in Chile and Argentina, respectively. One the other hand, in the Magallanes region, *Bombus terrestris* was reported in 2013. Its rapid expansion is associated with the reduction of the native Bumblebee *B. dahlbomii*, Guérin-Méneville. In this work is carried out a (1) comparison floral among bumblebees not native and native of Magellan. *B. terrestris* presents a floral association with 66 plants, while *B. dahlbomii* presents 87 associations. Of these, 34 species have overlapping visits. In addition are reported for the first time associations of *B. terrestris* with *Chiliodendron diffusum*, *Trifolium repens*, *Berberis ilicifolia* and *Senecio smithii*. (2) in addition is reported to *B. terrestris* as thief of nectar of *Fuchsia magellanica*, punching the nectaros between an and three times. (3) is estimated that the grade of dispersion of *B. terrestris* is of 80 km / year, it expansion geographical of this Bumblebee invasive is reports until out Froward, to the South of the Peninsula Brunswick, including passing them channels of the region coming to port Williams.