

남부(부산) 도서지역의 약용식물
작물과학원, 경성대학교¹
이정훈, 김정숙, 문성기^{1*}, 박희운

Medical plants of uninhabited islands in Busan, Korea
National Institute of Crop Science, RDA, Kyung sung University¹
Jung-Hoon Lee, Jung-Sook Sung, Sung-Gi Moon^{1*}, Hee-Woon Park

Objectives

Busan has 38 uninhabited and 3 inhabited islands. Unlike inland, the uninhabited islands have not been greatly disturbed by men, hence maintain stable ecosystem and have many native species.

In this report we make a comprehensive presentation on flora, community distribution and important medical plant species from the study of the 18 uninhabited islands of Busan area.

Materials and Method

Among the 38 uninhabited islands in Busan, we have studied 18 islands as shown in the Fig. 1. Research period was about three months, between August and October, 2005. Species identification was made by using various illustrated plant books, and identified species was arranged by alphabetical order. For each uninhabited island under study, we recorded species composition, important species, representative community, endangered and rare species, environmental characteristics, naturalized species, etc.

Result

- In this study, observed species composition in the 18 uninhabited islands, was 261 kinds 197 genera of 3 divisions.
- There were 1-4 kinds of dominant medical species for each uninhabited island, 33 kinds in total. *Salsola komarovii*, *Phragmites communis*, *Suaeda maritima*, *Suaeda japonica* etc. were distributed widely in a sandbar(site;㉒-㉓), and *Ardisia japonica*, *Ficus erecta*, *Machilus thunbergii*, *Hedera japonica* etc. were observed in the other uninhabited islands.
- The number of kinds of evergreen broad trees were found to be 17 genera 21 kinds including *Ardisia japonica*. Jungjukdo and Daejukdo were found to have more numbers of the evergreen broad tree, 16 and 12 kinds each. In contrast, none was observed in Hyeongjeseom which is small in size, and in five deltas which are younger.

*주저자 연락처(Corresponding author) : Sung-Gi Moon E-mail : skmun@ks.ac.kr Tel : 051-620-4641

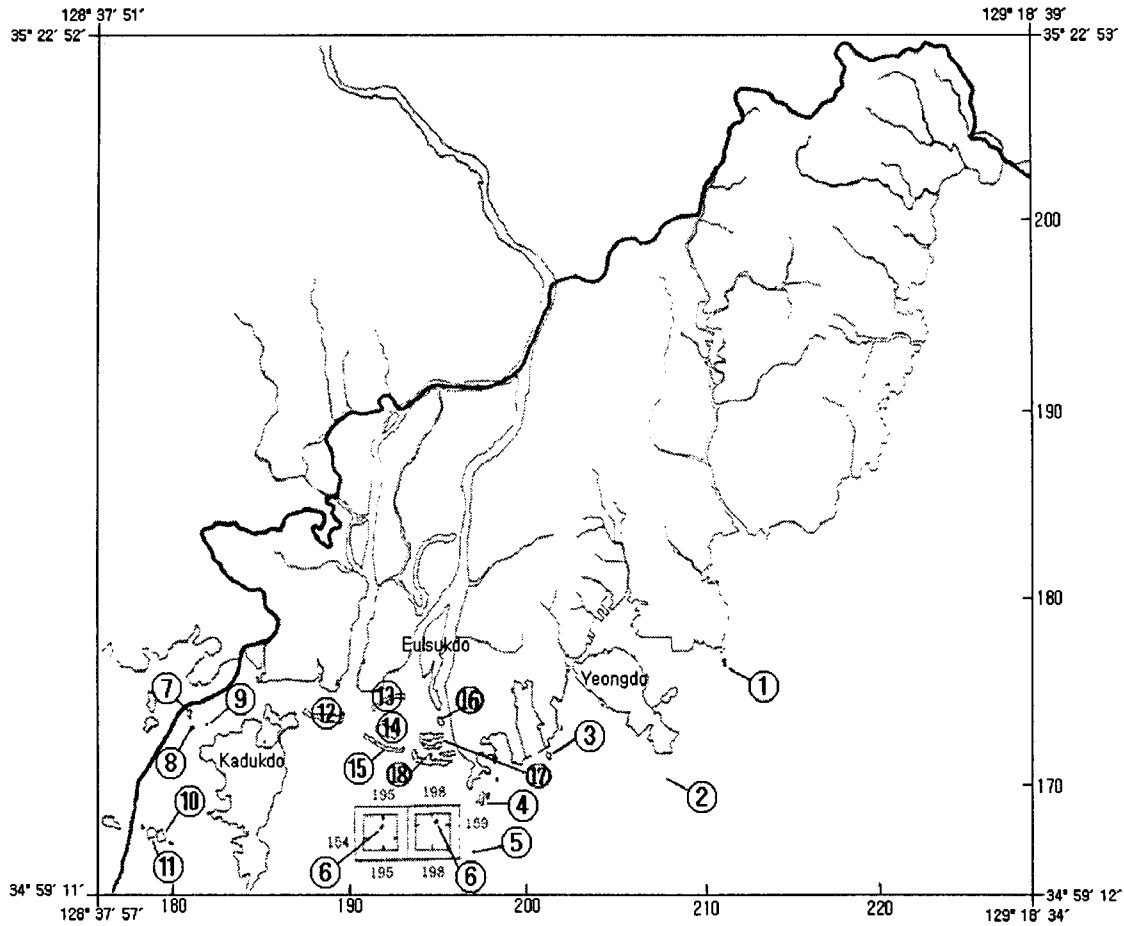


Fig. 1. Map showing searched islands in Busan.

① Oryukdo, ② Saengdo, ③ Doodo, ④ Seodo, ⑤ Mokdo, ⑥ Hyeongjeseom (south, north), ⑦ Todo, ⑧ Honamdo, ⑨ Ypdo, ⑩ Daejukdo, ⑪ Jungjukdo, ⑫ Jinwodo, ⑬ Daemadeung, ⑭ Jangjado, ⑮ Sinjado, ⑯ Myeonggeummeorideung, ⑰ Baekhapdeung, ⑱ Doyodeung

Table 1. The number of species of 18 uninhabited islands in Busan

Island	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑱	
genera	27	23	36	77	45	9	77	62	36	44	53	83	42	36	37	9	39	15
species	27	23	40	84	46	9	86	71	39	45	57	99	47	41	43	9	44	17