



[Available Issues](#) | [Japanese](#)

Author: [ADVANCED](#) | Volume Page

Keyword:



[TOP](#) > [Available Issues](#) > [Table of Contents](#) > **Abstract**

Horticultural Research (Japan)

Vol. 9 (2010) , No. 1 1-5

Root Characteristics of Evergreen Azaleas —Root D Transplanted Plants—

[Nobuo Kobayashi](#)¹⁾, [Tomohiro Morita](#)¹⁾, [Madoka Miyazaki](#)¹⁾, [Fun
Takuya Ban](#)¹⁾

1) Faculty of Life and Environmental Science, Shimane University

(Received November 25, 2008)

(Accepted June 1, 2009)

Characteristics of root development of evergreen azaleas were evaluated. ‘Oomurasaki’ and ‘Shiro-ryukyu’, which are vigorous in growth and used in landscaping, had a greater root length density and developed root systems in the surface soil layers. Most azaleas developed greater root length density in a moist soil area than in a wet soil area. However, *R. indicum* which is common in riverside areas, demonstrated a greater root length density only in wet soil. Root development was especially concentrated in the surface soil layer. T

development system and root adaptation to moisture environments species and/or cultivars, would have originated from the adaptation natural environment.

Key Words: [Rhododendron](#), [root length density](#)

[\[PDF \(856K\)\]](#) [\[References\]](#)

Downlo

To cite this article:

Nobuo Kobayashi, Tomohiro Morita, Madoka Miyazaki, Fumihik
2010. Root Characteristics of Evergreen Azaleas —Root Develop
Plants— . Hort. Res. (Japan) 9: 1-5 .

doi:10.2503/hrj.9.1