

Investigation on fungal diseases foliage of ornamental plants recreation and their importance in Guilan province.

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The acerage of recreation in Guilan, is about 300 hectares. During 1966-1995 we surveyed from parks and recreation for collection infecting specimens such ornamental: rose, euonymus, phonix, lagerstroemia, camellia, cherry-laurel, collvegill flower, nerium, cycas and gardenia. After recording the appearent symptoms of each specimen, they were used as culture substrates. PDA medium, as a common procedure, and CMA, MA in a few cases, were used to culture the specimens for isolation and identification.

The specimens with pathogenic behavior, were identified up to genus and in some cases up to species, using available sources. The following list are the isolated fungi:

| Pathogens | Host(s) |
|--------------------------------|----------------------|
| Alternaria sp. | Gardenia |
| A.alternata | Cycas |
| Botrytis cinerea | Rose |
| Colletotrichum gloeosporioides | Camellia and phoenix |
| Marssonia rosae | Rose |
| Monochaetia karstenii | Camellia |
| Oidium yenii | Lagerstroemia |
| O. euonymi- japonici | Euonymus |
| Phragmidium tuberculatum | Rose |
| Pestalotia theae | Cherry-laurel |
| P. guepinii | Colvegill flower |