|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Response Variables** | | | | |
| Decline severity | Severity ranking DS=0,1,2,3,4 | | | |
| Tree Dieback | **Healthy or unhealthy** | | | |
| **Explanatory Variables** | | | | |
| Structure | Number of trunks per tree | Circumference of tree at 1.3 m height | Site density: trees per square meter at site | |
| Stress | Fire damage: present or not | **"Conks": present or not \*** | Storm damage: present or not | **Termites: present or not** |
| Geographic | Latitude | Longitude | Altitude | Site |
| Miscellaneous | **Level of lawn management: none, moderate, or high** | Tree origin: natural or planted | | |

Table 2. Grouping and descriptions of ironwood tree variables, those in bold were found to be the most suitable for predictive purposes.