During recent years lesions of variable length and width on the trunk of standing trees from butt to 2 m height were observed in plantations of *Eucalyptus globulus* Labill. Primarily located in the south-east of Uruguay where their incidence ranged from 8 to 15%. The disease also occurs in the western region but with lower frequency (ca 5%). The typical symptoms were a flattening deformation of the trunk corresponding to a lesion resulting from axially cracked bark, exposed xylem and, sometimes, margins with the protruding lips of callus. In a few trees bark growth covered the lesion so that the surface was complete but underneath a hollow cavity existed. When sectioned, axial white rot and discoloration in the xylem extended proximally and distally from lesions to near the top of rotted stems. Many trees, even those in full leaf, are unstable, as in a sudden storm. *Inonotus splitbergeri* (Mont.) Ryv was the fungus associated with lesions, individually or in groups, attached to bark or damaged xylem. This species has not previously been reported in Uruguay, but was only found from Brazil to Mexico on Moraceae, among other hosts (Ryvarden, personal communication). Fruit bodies were also present on fallen stems and stumps resting on the ground. Infected stumps sometimes sprouted but, in general, the sprouts died afterwards. Typically, as for other *Inonotus* species, the flesh of fruit showed a positive reaction to KOH solution, becoming distinctly red. Each fruit produces a high number of spores, which represents a potential risk of contamination for plantations. Several species of *Inonotus* were found to be associated with heartwood rot in the butt, major roots and in the upper trunk and major branches of *Eucalyptus* spp. in Australia and Brazil (Keane *et al*. 2000, Diseases and Pathogens of *Eucalyptus*, CSIRO) and also to a large number of broad-leaf trees in the northern hemisphere (Schawrze *et al*., 2000, *Fungal strategies of wood decay in trees*, Springer).