

Aquilaria malaccensis

Aquilaria malaccensis is a species of plant in the Thymelaeaceae family. It is found in Bangladesh, Bhutan, India, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, and Thailand. It is threatened by habitat loss.^[3]

The World List of Threatened Trees (Oldfield et al., 1998) listed Iran as one of the countries with a population of *A. malaccensis*, but an exploratory 2002 CITES review confirmed that Iran has no record of the species. As a result Iran is no longer considered as habitat for or producer of agarwood.^[4]

1 Economics

Main article: Agarwood

Aquilaria malaccensis is the major source^[5] of agarwood, a resinous heartwood, used for perfume and incense.^[1] The resin is produced by the tree in response to infection by a parasitic ascomycetous mould, *Phaeoacremonium parasitica*,^[6] a dematiaceous (dark-walled) fungus.

2 Notes

- [1] Broad, S. (1995) "Agarwood harvesting in Vietnam" *TRAFFIC Bulletin* 15:96
- [2] Anonymous (November 2003) "Annex 2: Review of Significant Trade: *Aquilaria malaccensis*" *Significant trade in plants: Implementation of Resolution Conf. 12.8: Progress with the Implementation of Species Reviews* (CITES PC14 Doc.9.2.2) Fourteenth meeting of the Plants Committee, Convention on International Trade in Endangered Species of Wild Fauna and Flora, Windhoek, Namibia
- [3] Barden, Angela (2000) *Heart of the Matter: Agarwood Use and Trade and CITES Implementation for Aquilaria malaccensis* TRAFFIC International, Cambridge, ISBN 1-85850-177-6
- [4] -PC14 -09-02-02-A2.pdf page 47
- [5] Ng, L.T., Chang Y.S. and Kadir, A.A. (1997) "A review on agar (gaharu) producing *Aquilaria* species" *Journal of Tropical Forest Products* 2(2): pp. 272-285
- [6] formerly *Phialophora parasitica* Crous, P. W. et al. (1996) "Phaeoacremonium gen. nov. associated with wilt and decline diseases of woody hosts and human infections." *Mycologia* 88(5): pp. 786–796

3 References

- Asian Regional Workshop (Conservation & Sustainable Management of Trees, Viet Nam) 1998. *Aquilaria malaccensis*. 2006 IUCN Red List of Threatened Species. Downloaded on 20 August 2007.

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