CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES
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Report on conservation and management of ramin (Gonystylus spp.) in Malaysia

EXPLANATORY NOTE ON CAUTIOUS HARVEST QUOTA DETERMINATION

The attached document has been provided by Malaysia.
REPORT ON CONSERVATION AND MANAGEMENT OF RAMIN (*GONYSTYLUS SPP*) IN MALAYSIA
(Document SC57 Inf.4)

Explanatory Note on Cautious Harvest Quota Determination

7.3 The calculation method used to calculate the cautious harvest quota for Peninsular Malaysia for *Gonystylus* species and *G. bancannus* are as follows:

7.3.1 *Gonystylus* species

(i) The timber volume of ramin (dryland and peat swamp forest) is approximately 2,648,177 m³.
(ii) The harvesting rotation period used is 50 years.
(iii) Annual production of round log = (2,648,177 ÷ 50) = 52,963 m³ per year
(iv) Estimated sawn timber production based on 70% recovery
    = (52,963 x 0.70) = 37,074 m³

For 2008, even though we have capacity to produce about 53,000 m³ per year, the cautious harvest quota for ramin (*Gonystylus* spp.) for Peninsular Malaysia is proposed to be retained at as the figure for year 2007 i.e 43,000 m³.

7.3.2 *Gonystylus bancannus*

(i) The timber volume of ramin *Gonystylus bancannus* (dryland and peat swamp forest) is approximately 1,735,275 m³ based on NFI4.
(ii) The harvesting rotation period used is 50 years.
(iii) Annual production of round log = (1,735,275 ÷ 50) = 34,705 m³ per year
(iv) Estimated sawn timber production based on 70% recovery
    = (34,705 x 0.70) = 24,293 m³

7.4 The calculation method used to calculate the cautious harvest quota for *G. bancanus* (peat swamp forest species) for Sarawak is as follows:

(i) Production peat swamp forest area is approximately = 880,000 – 53880 = 826,120 hectares.
(ii) Harvesting rotation practice in Sarawak is 45 years
(iii) Annual harvesting coupe = 826,120 / 45 = 18,358.2 hectares
(iv) Calculated average mean annual volume increment is 0.33 m³/ha.
(v) Annual production of round log = (18,358.2 * 0.33) = 6,058 m³ per year
(vi) Estimated sawn timber production based on 70% recovery
    = (6,058.2 x 0.70) = 4240 m³

Therefore, the proposed 2008 cautious harvest quota for *G. bancanus* for Sarawak peat swamp forest is 6000 m³.

7.5 Ramin (*Gonystylus* spp.) cautious harvest quota for year 2008 for Malaysia is proposed as for year 2007 i.e 49,000 m³.
7.6 Out of 49,000 m³ cautious harvest quota for *Gonystylus* species, it is proposed that the cautious harvest quota for *G. bancannus* is 30,000 m³.

**Usage of Export Quota**

7.7 In 2007, export quota for Sarawak was 3178 m³ while the actual export was only 733 m³ (after clearing the stock pile) which is only about 23%. For Peninsular Malaysia out of a quota of 20,000 m³ only 6409 m³ which is only about 32% was used. In both cases the quotas have not been fully utilized, reflecting a great margin of Ramin sustainability.