

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES  
OF WILD FAUNA AND FLORA

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Fifty-seventh meeting of the Standing Committee  
Geneva (Switzerland), 14-18 July 2008

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 **2,648,177m<sup>3</sup>**.
- (ii) The harvesting rotation period used is 50 years.
- (iii) Annual production of round log =  $(2,648,177 \div 50) = 52,963\text{m}^3$  per year
- (iv) Estimated sawn timber production based on 70% recovery

$$= (52,963 \times 0.70) = 37,074 \text{ m}^3$$

For 2008, even though we have capacity to produce about 53,000m<sup>3</sup> 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 **43,000m<sup>3</sup>**.

**7.3.2 *Gonystylus bancannus***

- (i) The timber volume of ramin *Gonystylus bancannus* (dryland and peat swamp forest) is approximately **1,735,275m<sup>3</sup>** based on NF14.
- (ii) The harvesting rotation period used is 50 years.
- (iii) Annual production of round log =  $(1,735,275 \div 50) = 34,705\text{m}^3$  per year
- (iv) Estimated sawn timber production based on 70% recovery

$$= (34,705 \times 0.70) = 24,293\text{m}^3$$

7.4 The calculation method used to calculate the cautious harvest quota for *G. bancannus* (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 m<sup>3</sup>/ha.
- (v) Annual production of round log =  $(18,358.2 * 0.33) = 6,058\text{m}^3$  per year
- (vi) Estimated sawn timber production based on 70% recovery

$$= (6,058.2 \times 0.70) = 4240\text{m}^3$$

Therefore, the proposed 2008 cautious harvest quota for *G. bancannus* for Sarawak peat swamp forest is **6000m<sup>3</sup>**.

7.5 Ramin (*Gonystylus* spp.) cautious harvest quota for year 2008 for **Malaysia** is proposed as for year 2007 i.e **49,000 m<sup>3</sup>**.

7.6 Out of **49,000 m<sup>3</sup>** cautious harvest quota for *Gonystylus* species, it is proposed that the cautious harvest quota for *G. bancannus* is **30,000 m<sup>3</sup>**.

#### **Usage of Export Quota**

7.7 In 2007, export quota for Sarawak was 3178 m<sup>3</sup> while the actual export was only 733 m<sup>3</sup> (after clearing the stock pile) which is only about 23%. For Peninsular Malaysia out of a quota of 20,000 m<sup>3</sup> only 6409 m<sup>3</sup> which is only about 32% was used. In both cases the quotas have not been fully utilized, reflecting a great margin of Ramin sustainability.