

AMENDMENTS TO APPENDICES I AND II OF THE CONVENTION

Other Proposals

A. PROPOSAL

Transfer of *Cypripedium himalaicum* from Appendix II to Appendix I.

B. PROPONENT

India.

C. SUPPORTING STATEMENT

1. Taxonomy

11. Class: Monocotyledoneae
12. Order: Orchidales
13. Family: Orchidaceae
14. Scientific Name: *Cypripedium himalaicum* Rolf. apud Hemsl. in J. Linn. Soc. 29:319. 1892.
15. Scientific Synonyms: *Cypripedium macranthon* auct. non Swartz: Hook.f. Fl. Brit. Ind. 6: 170. 1890. p.p.
16. Common Names: English: 'Lady's Slipper' Orchid
French:
Spanish:

16. Code Numbers:

2. Biological Parameters

21. Population Status: Listed as "Rare" in the Red Data Book of Indian Plants vol.1. Known only from scattered populations.
22. Population Trend: Vulnerable.
23. Distribution: U.P. (Garhwal, Kumaon), Sikkim. Nepal; Bhutan; S.E. Tibet.
24. Habitat Availability: In open hill slopes of alpine and sub-alpine meadows at alt. 3000-4300m.
25. Geographic Trend: Himalayas from Garhwal eastward to S.E. Tibet.
26. Threats: Represented by a few scattered populations due to habitat degradation.

3. Utilization and Trade

31. National Utilization: Horticultural, scientific and ornamental.

32. Legal International Trade: Export restricted under Appendix II of CITES.
Cypripedium spp. Exports 1983-1987:

1983 Total: 5433 plants (AU,3; GH,730; DE,110; NL,4500; NZ,30; US,60)

1984 Total: 1373 (AU,446; FR,50; DE,300; NL,3; CH,400; US,111; JP,60; CA,3)

1985 Total: 11085 (AU,5020; 78; HK,400; NL,3000; US,80; JP,2450)

1986 Total: 7963 (AU,1228; DK,1050; DE,1300; HK,200; NL,3312; CH,300; US,308;
JP,190; GB,75)

1987 Total: 1236 (AU,150; BE,18; HK,400; US,588; GB,80)

33. Illegal Trade: Insufficient data available.

34. Actual Potential Trade Impact: High potential trade impact for elegance and scientific interests.

35. Captive Breeding and Artificial Propagation (outside country of origin) : Not known.

4. Conservation and Management

41. Legal Status

411. National: Export of wild orchids prohibited under Export (Control) Order.

412. International: Export regulated under appendix II of CITES.

42. Species Management

421. Population Monitoring: Being undertaken.

422. Habitat Conservation: Protected in natural habitat of Nanda Devi National Park.

423. Management Measures: *Ex situ* conservation in similar habitats and multiplication and reintroduction in Botanic gardens, Orchidaria etc. is being undertaken.

43. Control Measures

431. International Trade: Export regulated through admission in Appendix II of CITES.

432. Domestic Measures: The collection from wild sources is being regulated.

5. Information on Similar Species

51. Similarity in Appearance: All *Cypripedium* species belong to "Lady's Slipper Orchid" group and superficially the habit of seedlings and flowers look alike. *Cypripedium himalaicum* can be recognised by usually ovate-elliptic to lanceolate 3-leaved habit and purple tinged lip 3-3.5 cm long.

52. Nature of Specimen in Trade: Seedling, mature plant and flowers.

6. Comments from Countries of Origin

7. Additional Remarks

Description: Terrestrial hairy herb, 20-40 cm high. Stem clothed with 3-4 loose tubular sheaths. Leaves usually 3, ovate elliptic to lanceolate, 6-8.5 x 4-5 cm. Flowers solitary, brownish - purplish red with darker lines. Lip purple tinged, 3-3.5 cm long forming a broadly obovoid pouch.

8. References

Chakrabarti, K., Indian Orchid Trade - A Critical Review, in press.

Hajra, P.K. 1987. In Red Data Book of Indian Plants 1: 245. eds. Nayar, M.P. & Sastry, A.R.K., BSI.

Kataki, S.K. 1984. Lady's Slipper Orchids of India POSSCEF. BSI.

Pradhan, U.C. 1976. Indian Orchids : Guide to identification and culture 1 : 35, Kalimpong.

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