

AMENDMENTS TO APPENDICES I AND II OF THE CONVENTION

Other Proposals

A. PROPOSAL

Transfer of *Cypripedium cordigerum* 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 cordigerum* D. Don., Prodr. 37. 1825.
15. Scientific Synonyms: None.
16. Common Names: English: "Lady's Slipper" Orchid
French:
Spanish:

17. Code Numbers:

2. Biological Data

21. Population Status: Listed as rare in the Red Data Book of Indian Plants vol.2.
22. Population Trend: Vulnerable.
23. Distribution: Jammu & Kashmir, Himachal Pradesh, U.P(Garhwal). Nepal; Bhutan; Pakistan.
24. Habitat Availability: In open rocky places, at alt. 2800-3500 m.
25. Geographic Trend: North western Himalayas and extended eastward to Bhutan.
26. Threats: Becoming rare due to drastic habitat destruction, overgrazing and merciless collection.

3. Utilization and Trade:

31. National Utilization: Horticultural and ornamental for its beautiful flowers.

32. Legal International Trade: Trade regulated 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,#&; 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: This high altitude ground orchid has got high potential trade impact for its spectacular flower and for horticultural and scientific interest.
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: *In situ* protection within the Valley of Flowers and Nanda Devi National Parks.
423. Management Measures: Will be introduced in natural habitats and national orchidaria by multiplication through tissue culture methods.
43. Control Measures
431. International Trade: Export regulated under Appendix II of CITES.
432. Domestic Measures: Some conservation measures within protected areas and collection from wild sources restricted.
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, but *Cypripedium cordigerum* is recognized by large flowers, 7-10 cm across, and oblong white lip, 2.5-3 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 herbs, 25-60 cm high. Leaves 4-5, 8-15 x 4-11 cm, orbicular to ovate-lanceolate. Flower solitary or sometimes 2, 7-10 cm across, greenish-yellow to white, lip oblong white, 2.5-3 cm long.

8. References

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Hajra, P.K. 1988. In Red Data Book of Indian Plants. 2. p.170. eds. Nayar, M.P. & Sastry, A.R.K.

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Rao, A.S. 1979. Orchids of India. New Delhi.

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