

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



Fifteenth meeting of the Plants Committee
Geneva (Switzerland), 17-21 May 2005

Review of Significant Trade in specimens of Appendix-II species

Selection of species for trade reviews after CoP13

SELECTION OF NEW SPECIES

1. This document has been submitted by the Secretariat.
2. Conf. 12.8 (Rev. CoP13) Review of Significant Trade in specimens of Appendix-II species

Directs the Animals and Plants Committees, in cooperation with the Secretariat and experts, and in consultation with range States, to review the biological, trade and other relevant information on Appendix-II species subject to significant levels of trade, to identify problems and solutions concerning the implementation of Article IV, paragraphs 2 (a), 3 and 6 (a)

In compliance with paragraph a) of this Resolution, the Secretariat requested UNEP-WCMC to produce a summary from the CITES database of annual report statistics showing the recorded net level of exports for Appendix-II species over the five most recent years. Their report is attached as Annex.

3. Paragraph b) of the same Resolution charges the Committee

on the basis of recorded trade levels and information available to the Animals or Plants Committee, the Secretariat, Parties or other relevant experts

to select species of priority concern for review (whether or not such species have been the subject of a previous review).

4. The Committee is invited to make this selection during the course of its meeting.

REVIEW OF SIGNIFICANT TRADE
ANALYSIS OF TRADE TRENDS IN APPENDIX II SPECIES

Volume 1. Plants

Prepared for the

CITES Plants Committee, CITES Secretariat



by the

United Nations Environment Programme
World Conservation Monitoring Centre

March 2005



Prepared and produced by: UNEP World Conservation Monitoring Centre, Cambridge, UK

UNEP WORLD CONSERVATION MONITORING CENTRE (UNEP-WCMC)

www.unep-wcmc.org

The UNEP World Conservation Monitoring Centre is the biodiversity assessment and policy implementation arm of the United Nations Environment Programme, the world's foremost intergovernmental environmental organisation. UNEP-WCMC aims to help decision-makers recognise the value of biodiversity to people everywhere, and to apply this knowledge to all that they do. The Centre's challenge is to transform complex data into policy-relevant information, to build tools and systems for analysis and integration, and to support the needs of nations and the international community as they engage in joint programmes of action.

UNEP-WCMC provides objective, scientifically rigorous products and services that include ecosystem assessments, support for implementation of environmental agreements, regional and global biodiversity information, research on threats and impacts, and development of future scenarios for the living world.

Prepared for: The CITES Secretariat, Geneva

A contribution to UNEP - The United Nations Environment Programme

Printed by: UNEP World Conservation Monitoring Centre
219 Huntingdon Road, Cambridge CB3 0DL, UK

© Copyright: UNEP World Conservation Monitoring Centre/CITES Secretariat

The contents of this report do not necessarily reflect the views or policies of UNEP or contributory organisations. The designations employed and the presentations do not imply the expressions of any opinion whatsoever on the part of UNEP, the CITES Secretariat or contributory organisations concerning the legal status of any country, territory, city or area or its authority, or concerning the delimitation of its frontiers or boundaries

Table of Contents

Section 1: Introduction	6
Section 2: Species identified as possible candidates for review of Significant Trade	7
Section 3: Trade tables for selected species	11

Section 1: Introduction

Resolution Conf. 12.8 (Rev. CoP13) 'Review of Significant Trade in specimens of Appendix-II species' directs the Animals and Plants Committees, in cooperation with the Secretariat and experts, and in consultation with range States, to review the biological, trade and other relevant information on Appendix-II species subject to significant levels of trade, to identify problems and solutions concerning the implementation of Article IV, paragraphs 2 (a), 3 and 6 (a) of the Convention. As part of this procedure the Secretariat requested UNEP-WCMC to produce a summary from the CITES Trade database of annual report statistics of trade in Appendix-II species over the five most recent years (1999-2003). These data can be found as an annex to this report.

The large volume of information that needs to be included in this type of analysis has made the process to identify species for a review in Significant Trade by the Plants and Animals Committees increasingly burdensome. Consequently, UNEP-WCMC developed an analytical tool to assist in this process and introduced the methodology at the fourteenth meeting of the Plants Committee (PC) in February, 2004. Using this tool, a total of 16 species of flora and one country study were identified as possible candidates for inclusion in the Significant Trade process. Full reports on these taxa and the methodology used to select them can be found in document PC14 Doc. 9.3 and its annexes.

A year has passed since those analyses were done and UNEP-WCMC has been invited by the Secretariat to provide an opinion of the new data set produced for PC 15 in May, 2005. Once again the data were scrutinised both by eye and using the analytical tool described above. In addition to many of the same taxa being highlighted, some new ones emerged. A list of the taxa initially selected is provided in Section 2. Of these, a total of seven possible candidates for further review were identified, based on further consideration of the trade data, and other issues noted in the "comment" column. Where relevant, additional trade data for these candidates is provided in Section 3.

Section 2: Species identified as possible candidates for review of Significant Trade

Table 1. Species identified for inclusion or exclusion in the review of Significant Trade, following the flow chart process

SPECIES	INCLUDE/EXCLUDE	COMMENT
APOCYNACEAE		
<i>Pachypodium bispinosum</i>	Exclude	Main exports from South Africa where species management likely to be adequate.
<i>Pachypodium brevicaule</i>	Exclude	Main exports from Madagascar which is already subject to a country level Significant Trade review.
<i>Pachypodium succulentum</i>	Exclude	Main exports from South Africa where considered to have adequate species monitoring and management.
CACTACEAE		
<i>Carnegiea gigantea</i>	Exclude	Reviewed by UNEP-WCMC for PC 14.
<i>Echinopsis chiloensis</i>	Exclude	The majority of the trade was in rainsticks, mostly harvested from dead material.
<i>Echinopsis pachanoi</i>	Exclude	The majority of the trade was in rainsticks, mostly harvested from dead material.
<i>Echinopsis peruviana</i>	Exclude	The majority of the trade was in rainsticks, mostly harvested from dead material.
<i>Eulychnia acida</i>	Exclude	The majority of the trade was in rainsticks, mostly harvested from dead material.
<i>Opuntia bigelovii</i>	Exclude	The majority of the trade was in already dead material.
<i>Opuntia fulgida</i>	Exclude	The majority of the trade was in already dead material.
<i>Opuntia imbricata</i>	Exclude	The majority of the trade was in already dead material.
<i>Opuntia subulata</i>	Exclude	The majority of the trade was in already dead material.
<i>Stenocereus thurberi</i>	Exclude	The majority of the trade was in already dead material.
CYATHEACEAE		
<i>Cyathea australis</i>	Exclude	Trade comparatively low and declined in 2003.
<i>Cyathea cunninghamii</i>	Exclude	Reviewed by UNEP-WCMC for PC 14.
<i>Cyathea dealbata</i>	Exclude	Reviewed by UNEP-WCMC for PC 14.
<i>Cyathea medullaris</i>	Exclude	Reviewed by UNEP-WCMC for PC 14.
<i>Cyathea smithii</i>	Exclude	Reviewed by UNEP-WCMC for PC 14.
CYCADACEAE		
<i>Cycas revoluta</i>	Exclude	Trade comparatively low and declined in 2003.

SPECIES	INCLUDE/EXCLUDE	COMMENT
DICKSONIACEAE		
<i>Dicksonia sellowiana</i>	Exclude	Selected on the basis of the variation in past trade levels. However, no trade at all was reported in 2000-2003.
EUPHORBIACEAE		
<i>Euphorbia antisyphilitica</i>	Possible candidate	Sole exporter was Mexico and sole importer was Germany (see Section 3).
<i>Euphorbia candelabrum</i>	Exclude	All trade of wild specimens exported from Kenya. Trade does not involve live plants, and there is some doubt as to whether the material is wild collected.
<i>Euphorbia capmanambatoensis</i>	Exclude	Occurs only in Madagascar which is already subject to a country level Significant Trade review.
<i>Euphorbia geroldii</i>	Exclude	Occurs only in Madagascar which is already subject to a country level Significant Trade review.
<i>Euphorbia gottlebei</i>	Exclude	Very low trade reported from 1999-2003.
<i>Euphorbia hedyotoides</i>	Exclude	Very low trade reported from 1999-2003.
<i>Euphorbia horombensis</i>	Exclude	Occurs only in Madagascar which is already subject to a country level Significant Trade review.
<i>Euphorbia millii</i>	Exclude	Occurs only in Madagascar which is already subject to a country level Significant Trade review.
<i>Euphorbia primulifolia</i>	Exclude	Occurs only in Madagascar which is already subject to a country level Significant Trade review.
<i>Euphorbia stellata</i>	Exclude	All trade in wild specimens is from South Africa where considered to have adequate species monitoring and management.
LEGUMINOSAE		
<i>Pterocarpus santalinus</i>	Exclude	Reviewed by UNEP-WCMC for PC 14.
LILIACEAE		
<i>Aloe ferox</i>	Exclude	Excluded from review as South Africa was considered to have adequate species monitoring and management.
MELIACEAE		
<i>Swietenia macrophylla</i>	Exclude	Much work on this species is already being undertaken by the Mahogany Working Group. Additionally, this species was listed in Appendix II in 2003.
<i>Swietenia mahagoni</i>	Exclude	Much work on this species is already being undertaken by the Mahogany Working Group.

SPECIES	INCLUDE/EXCLUDE	COMMENT
NEPENTHACEAE		
<i>Nepenthes mirabilis</i>	Exclude	Most widespread distribution of the genus. Most of the trade is in artificially propagated specimens and the quantities reported as wild by Thailand do not suggest a problem.
ORCHIDACEAE		
<i>Bletilla striata</i>	Exclude	Reviewed by UNEP-WCMC for PC 14.
<i>Christensonia vietnamica</i>	Exclude	All trade in wild specimens from Viet Nam. <i>Christensonia</i> from Viet Nam reviewed by UNEP-WCMC for PC 14.
<i>Coelogyne lentiginosa</i>	Exclude	No trade in recent years.
<i>Cymbidium ensifolium</i>	Exclude	Selected but excluded from review in 2004.
<i>Cymbidium goeringii</i>	Exclude	Selected but excluded from review in 2004.
<i>Cypripedium calceolus</i>	Exclude	Little or no trade in recent years.
<i>Cypripedium japonicum</i>	Exclude	Little or no trade in recent years.
<i>Cypripedium parviflorum</i>	Exclude	Little or no trade in recent years.
<i>Dendrobium aduncum</i>	Exclude	<i>Dendrobium</i> from Viet Nam reviewed by UNEP-WCMC for PC 14
<i>Dendrobium amabile</i>	Exclude	<i>Dendrobium</i> from Viet Nam reviewed by UNEP-WCMC for PC 14
<i>Dendrobium herbaceum</i>	Exclude	<i>Dendrobium</i> from Viet Nam reviewed by UNEP-WCMC for PC 14
<i>Dendrobium moniliforme</i>	Exclude	<i>Dendrobium</i> from Viet Nam reviewed by UNEP-WCMC for PC 14
<i>Encyclia amanda</i>	Possible candidate	Fluctuating trade levels, all trade in wild specimens from Belize (see Section 3).
<i>Encyclia guatemalensis</i>	Possible candidate	Fluctuating trade levels, all trade in wild specimens from Belize (see Section 3).
<i>Epidendrum ciliare</i>	Possible candidate	Fluctuating trade levels, since 1994 all trade in wild specimens from Belize (see Section 3).
<i>Gastrodia elata</i>	Exclude	No trade in recent years.
<i>Gymnadenia conopsea</i>	Exclude	Selected on the basis of high trade reported in 2003, with low or no trade reported before that. Trade was in cartons of derivatives, and it was not possible to evaluate the number of plants involved in this trade and hence assess the impact of this trade.
<i>Habenaria acuifera</i>	Exclude	No trade in recent years.
<i>Ludisia discolor</i>	Exclude	Selected but excluded from review in 2004
<i>Lycaste aromatica</i>	Possible candidate	Fluctuating trade levels, all trade in wild specimens from Belize (see Section 3).
<i>Myrmecophila tibicinis</i>	Possible candidate	Fluctuating trade levels, virtually all trade in wild specimens from Belize (see Section 3).

SPECIES	INCLUDE/EXCLUDE	COMMENT
<i>Orchis mascula</i>	Exclude	No trade in recent years.
<i>Pleurothallis grobyi</i>	Exclude	No trade in recent years.
<i>Renanthera annamensis</i>	Exclude	Little or no trade in recent years.
<i>Vanilla aphylla</i>	Exclude	No trade in recent years.
PALMAE		
<i>Neodypsis decaryi</i>	Exclude	No trade in recent years
<i>Ravenea rivularis</i>	Exclude	Occurs only in Madagascar which is already subject to a country level Significant Trade review. Additionally, this species was listed in Appendix II in 2003, hence trade data is too recent to perform a meaningful analysis.
PRIMULACEAE		
<i>Cyclamen coum</i>	Exclude	Reviewed by UNEP-WCMC for PC 14
RANUNCULACEAE		
<i>Hydrastis canadensis</i>	Exclude	Trade has declined in recent years.
SCROPHULARIACEAE		
<i>Cistanche deserticola</i>	Exclude	Reviewed by UNEP-WCMC for PC 14
STANGERIACEAE		
<i>Bowenia serrulata</i>	Exclude	Trade has declined in recent years.
TAXACEAE		
<i>Taxus wallichiana</i>	Possible candidate	Selected on the basis of imports reported by China, from Myanmar, of 50 000 kg of wild sourced extracts
VALERIANACEAE		
<i>Nardostachys grandiflora</i>	Exclude	Reviewed by UNEP-WCMC for PC 14
ZAMIACEAE		
<i>Macrozamia communis</i>	Exclude	Little or no trade in recent years
<i>Macrozamia miquelii</i>	Exclude	Little or no trade in recent years
<i>Macrozamia moorei</i>	Exclude	Trade has declined in recent years.
<i>Macrozamia riedlei</i>	Exclude	Little or no trade in recent years.
<i>Zamia furfuracea</i>	Exclude	Selected on the basis of trade from Honduras, which is likely to be artificially propagated.
ZYGOPHYLLACEAE		
<i>Guaiacum officinale</i>	Exclude	Selected but excluded from review in 2004. Majority of trade is from Mexico where a species management programme is being implemented.
<i>Guaiacum sanctum</i>	Exclude	Selected but excluded from review in 2004. Majority of trade is from Mexico where a species management programme is being implemented.

Section 3: Trade tables for selected species

Reported trade in *Euphorbia antisiphilitica*

	2001	2002	2003
Mexico (exporter)	98000 kg extract	208000 kg wax	175000 kg wax
Germany (importer)	41000 kg extract	195000 kg wax	191525 kg wax

Reported trade in live, wild *Encyclia amanda*

	1996	1997	1998	1999	2000	2001	2002	2003
Belize (exporter)	9	14	52	95	73	513	125	339
Importers	20	13	0	0	0	0	42	80

Reported trade in live, wild *Encyclia guatemalensis*

	1996	1997	1998	1999	2000	2001	2002	2003
Belize (exporter)	321	9	94	82	16	104	70	472
Importers	5	8	0	13	0	0	15	0

Reported trade in live, wild *Epidendrum ciliare*

	1996	1997	1998	1999	2000	2001	2002	2003
Belize (exporter)	100	453	525	0	200	160	682	559
Importers	50	300	0	0	50	100	290	660

Reported trade in live, wild *Lycaste aromatica*

	1996	1997	1998	1999	2000	2001	2002	2003
Belize (exporter)	75	450	259	510	57	250	129	417
Importers	25	250	200	0	50	150	0	20

Reported trade in live, wild *Myrmecophila tibicinis*

	1996	1997	1998	1999	2000	2001	2002	2003
Belize (exporter)	234	460	12	1039	758	91	650	1358
Importers	10	390	300	262	0	0	618	1182

RECORDED GROSS EXPORTS OF APPENDIX-II FLORA 1999-2003

Annex

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
AMARYLLIDACEAE								
Galanthus spp.	LIV		0	0	0	150	0	30
Galanthus alpinus	LIV		0	0	20	55	0	15
Galanthus alpinus var. alpinus	LIV		0	0	20	52	0	14.4
Galanthus elwesii	LIV		5500000	5500000	5361900	5976530	5650000	5597686
Galanthus kemulariae	LIV		0	0	0	15	0	3
Galanthus ketzhovellii	LIV		0	0	0	10	0	2
Galanthus krasnovii	LIV		0	0	20	9	0	5.8
Galanthus lagodechianus	LIV		0	0	20	9	0	5.8
Galanthus nivalis	LIV		210	0	0	0	0	42
Galanthus nivalis	LIV	kg	0	40.5	0	0	0	8.1
Galanthus platyphyllus	LIV		0	0	20	15	0	7
Galanthus plicatus	LIV	kg	0	56	0	0	0	11.2
Galanthus rizehensis	LIV		0	0	20	0	0	4
Galanthus schaoricus	LIV		0	0	0	10	0	2
Galanthus woronowii	LIV		2000000	15000042	1931100	14000285	2000000	6986285.4
Sternbergia fischeriana	LIV		0	0	25	0	0	5
Sternbergia lutea	LIV		0	0	65	0	0	13
APOCYNACEAE								
Pachypodium spp.	LIV		365	30	125	5	219	148.8
Pachypodium bispinosum	LIV		210	160	150	400	3617	907.4
Pachypodium brevicaulis	LIV		102	203	470	0	505	256
Pachypodium densiflorum	LIV		106	37	215	3	514	175
Pachypodium geayi	LIV		100	0	9	0	0	21.8
Pachypodium horomboense	LIV		67	25	5	0	10	21.4
Pachypodium lamerei	LIV		61	2	105	4	100	54.4
Pachypodium rosulatum	LIV		114	101	54	5	67	68.2
Pachypodium rutenbergianum	LIV		11	25	31	0	100	33.4
Pachypodium rutenbergianum var. meridionale	LIV		0	25	1	0	0	5.2
Pachypodium sofiense	LIV		79	12	3	0	0	18.8
Pachypodium succulentum	LIV		30	100	100	500	458	237.6
Rauvolfia serpentina	LIV		0	0	0	186	0	37.2
ARALIACEAE								
Panax quinquefolius	LIV		14	0	0	0	0	2.8
Panax quinquefolius	ROO		80	20	0	0	0	20
Panax quinquefolius	ROO	kg	30918	36904	46372	34807	34083	36617.056
BERBERIDACEAE								
Podophyllum hexandrum	LIV		10	0	0	0	0	2
Podophyllum hexandrum	ROO	kg	570	16000	0	0	0	3314
Podophyllum hexandrum	SEE		30	0	0	0	0	12
BROMELIACEAE								
Tillandsia spp.	LIV		32	30	0	5	0	13.4
CACTACEAE								
Cactaceae spp.	LIV		41	53	1	0	0	19
Cactaceae spp.	LIV	kg	60	0	0	0	0	12
Cactaceae spp.	STE		8417	7544	1600	1	0	3512.4
Cactaceae spp.	TIP		1	0	9	0	0	2
Ariocarpus retusus	LIV		0	0	3	0	0	0.6
Armatocereus rauhii ssp. balsasensis	LIV		0	0	10	0	0	2
Astrophytum myriostigma	LIV		0	0	10	0	0	2
Astrophytum ornatum	LIV		0	0	10	0	0	2
Browningia spp.	LIV		0	0	1	0	0	0.2
Carnegiea gigantea	LIV		0	10	0	0	0	2
Carnegiea gigantea	TIM		52300	30000	120000	135500	0	67560
Carnegiea gigantea	TIM	m3	73.6	73.6	0	98.14	49.07	58.882
Carnegiea gigantea	TIM	kg	0	0	0	19560	3350	4582
Carnegiea gigantea	TIP		13	10	0	0	0	4.6
Cereus spp.	LIV		0	2	0	0	2	0.8
Cereus validus	LIV		0	0	10	0	0	2
Cleistocactus plagiostoma	LIV		0	0	1	0	0	0.2
Copiapoa spp.	LIV		0	0	0	5	0	1
Copiapoa calderana ssp. calderana	LIV		4	0	0	0	0	0.8
Copiapoa cinerascens	LIV		0	0	0	1	0	0.2
Copiapoa cinerea	LIV		1	0	0	0	0	0.2
Copiapoa cinerea ssp. cinerea	LIV		0	0	0	1	0	0.2
Copiapoa cinerea ssp. haseltoniana	LIV		0	0	0	1	0	0.2
Copiapoa echinoides	LIV		1	0	0	1	0	0.4
Copiapoa hornilloensis	LIV		4	0	0	0	0	0.8
Copiapoa humilis	LIV		6	0	0	0	0	1.2
Copiapoa hypogaea	LIV		0	0	0	1	0	0.2
Copiapoa laui	LIV		1	0	0	0	0	0.2
Copiapoa malletiana	LIV		1	0	0	0	0	0.2
Copiapoa varispinata	LIV		4	0	0	0	0	0.8
Coryphantha octacantha	LIV		0	0	0	20	0	4
Echinocactus grusonii	LIV		0	0	10	0	1	2.2
Echinocactus horizontalonius	LIV		0	0	150	0	0	30

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Echinocereus engelmannii	LIV		0	0	0	50	0	10
Echinocereus pectinatus	LIV		0	0	100	0	0	20
Echinocereus stramineus	LIV		0	0	50	0	0	10
Echinopsis spp.	LIV		0	500	1864	0	0	472.8
Echinopsis spp.	STE		920	14893	34982	7890	540	11845
Echinopsis spp.	TIM		0	5	0	0	0	1
Echinopsis spp.	TIP		810	0	600	0	0	282
Echinopsis cephalomacrostibas	LIV		0	0	0	20	0	4
Echinopsis chamaecereus	LIV		0	30	0	0	0	6
Echinopsis chiloensis	LIV		0	19371	0	3900	3020	5258.2
Echinopsis chiloensis	STE		37755	14112	10686	39185	67432	33834
Echinopsis chiloensis	TIP		0	0	5812	0	0	1162.4
Echinopsis coquimbana	LIV		0	0	0	1	0	0.2
Echinopsis cuzcoensis	STE		0	1500	950	0	900	670
Echinopsis glauca	LIV		0	2	0	30	0	6.4
Echinopsis lageniformis	LIV		0	4	0	0	0	0.8
Echinopsis pachanoi	LIV		0	6	400	30	0	87.2
Echinopsis pachanoi	STE		1100	2672	2232	1910	0	1582.8
Echinopsis peruviana	LIV		0	0	0	80	0	16
Echinopsis peruviana	STE		0	0	510	28810	1300	6124
Echinopsis peruviana ssp. puquiensis	STE		475	23846	2630	2498	2550	6399.8
Echinopsis/Eulychnia spp.	STE		235041	282554	88733	0	0	121265.6
Epiphyllum spp.	LIV		0	0	6	0	0	1.2
Epiphyllum hookeri	LIV		2	0	0	0	0	0.4
Epiphyllum phyllanthus	LIV		0	4	0	0	0	0.8
Eriosyce spp.	LIV		0	0	0	4	0	0.8
Eriosyce napina	LIV		0	0	0	1	0	0.2
Espostoa blossfeldiorum	LIV		0	0	10	0	0	2
Espostoa guentheri	LIV		0	0	10	0	0	2
Espostoa guentheri	STE		0	10	0	0	0	2
Espostoa lanata	LIV		0	0	10	0	0	2
Eulychnia acida	LIV		1750	165111	1525	0	3310	34339.2
Eulychnia acida	STE		186868	89498	59536	152171	147616	127137.8
Eulychnia acida	STE	kg	0	0	800	0	0	160
Eulychnia acida	TIM		0	0	0	0	260	52
Ferocactus cylindraceus	LIV		0	0	0	240	130	74
Gymnocalycium bruchii	LIV		15	0	0	0	0	3
Gymnocalycium calochlorum	LIV		12	0	0	0	0	2.4
Gymnocalycium gibbosum	LIV		10	0	0	0	0	2
Gymnocalycium hossei	LIV		9	0	0	0	0	1.8
Gymnocalycium mihanovichii	LIV		0	100	0	0	0	20
Gymnocalycium monvillei	LIV		7	0	0	0	0	1.4
Gymnocalycium quehlianum	LIV		7	0	0	0	0	1.4
Gymnocalycium ragonesei	LIV		8	0	0	0	0	1.6
Gymnocalycium saglionis	LIV		13	0	0	0	0	2.6
Haageocereus pseudomelanostele ssp. aureispinus	LIV		0	10	0	0	0	2
Hatiora rosea	LIV		0	0	0	1	0	0.2
Hylocereus spp.	LIV		0	0	5	0	0	1
Hylocereus minutiflorus	STE		0	20	0	0	0	4
Lepismium spp.	LIV		0	0	3	0	0	0.6
Maihuenia poeppigii	LIV		12	0	0	0	0	2.4
Mammillaria humboldtii	LIV		0	40	0	0	0	8
Mammillaria wrightii	LIV		0	0	0	40	0	8
Matucana haynei ssp. haynei	LIV		0	0	5	0	0	1
Matucana madisoniorum	LIV		0	0	5	0	0	1
Matucana madisoniorum	STE		0	200	0	0	0	40
Matucana weberbaueri	STE		0	5	0	0	0	1
Melocactus peruvianus	LIV		0	0	3	0	0	0.6
Opuntia spp.	LIV		2	0	0	1	0	0.6
Opuntia spp.	STE		0	0	700	0	0	140
Opuntia spp.	TIP		0	2000	0	0	0	400
Opuntia acanthocarpa	LIV		0	0	0	50	0	10
Opuntia atacamensis	LIV		5	0	0	0	0	1
Opuntia bigelovii	STE	kg	0	0	435000	2545	0	87509
Opuntia bigelovii	TIM	m3	30	0	0	0	0	6
Opuntia bigelovii	TIM	kg	0	4019	0	150	250	883.8
Opuntia bigelovii	TIP		175184	0	0	0	0	35036.8
Opuntia bigelovii	TIP	kg	0	170000	435000	0	0	121000
Opuntia cholla	TIM	m3	10	0	0	0	0	2
Opuntia colorea	LIV		2	0	0	0	0	0.4
Opuntia conoidea	LIV		1	0	0	0	0	0.2
Opuntia fulgida	STE		0	35	2442	2527	0	1000.8
Opuntia fulgida	STE	kg	0	0	1	0	0	0.2
Opuntia fulgida	TIM	kg	4000	0	0	35	0	807
Opuntia fulgida	TIP		0	600	0	0	0	120
Opuntia ignescens	LIV		4	0	0	0	0	0.8
Opuntia imbricata	STE	kg	0	8000	34776	16000	0	11755.2
Opuntia llanos-de-huanta	LIV		3	0	0	0	0	0.6
Opuntia macrorhiza	LIV		5	0	0	0	0	1
Opuntia microdasys	LIV		0	30	0	0	0	6

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Opuntia miquelii	LIV		3	0	0	0	0	0.6
Opuntia polyacantha	LIV		2	0	0	0	0	0.4
Opuntia rosea	STE		0	0	12	0	0	2.4
Opuntia sphaerica	STE		0	10	0	0	0	2
Opuntia subulata	STE		0	0	24250	0	0	4850
Opuntia tunicata	LIV		1	0	0	0	0	0.2
Oroya peruviana	LIV		0	0	10	0	0	2
Pachycereus grandis	STE		0	5	0	0	0	1
Pachycereus marginatus	STE		0	5	0	0	0	1
Pachycereus pringlei	STE		0	5	0	0	0	1
Pachycereus pringlei	STE	kg	80	0	0	0	0	16
Pachycereus pringlei	TIM	kg	100	0	0	0	0	20
Pachycereus weberi	STE		0	5	0	0	0	1
Parodia maassii	LIV		0	0	5	0	0	1
Parodia schwebsiana	LIV		0	0	5	0	0	1
Rebutia fiebrigii	LIV		0	0	5	0	0	1
Rebutia heliosa	LIV		0	0	10	0	0	2
Rebutia steinbachii	LIV		0	0	20	0	0	4
Rhipsalis spp.	LIV		5	0	0	0	5	2
Rhipsalis spp.	STE		0	10	0	0	0	2
Rhipsalis baccifera	LIV		0	4	10	0	0	2.8
Rhipsalis baccifera ssp. mauritiana	LIV		0	0	0	3	1	0.8
Schlumbergera spp.	LIV		0	0	2	0	0	0.4
Selenicereus spp.	LIV		3	0	0	0	0	0.6
Selenicereus megalanthus	LIV		0	4	0	0	0	0.8
Selenicereus testudo	LIV		3	0	0	0	0	0.6
Stenocereus eruca	STE		0	0	7	7	0	2.8
Stenocereus gummosus	LIV		0	0	0	6	0	1.2
Stenocereus gummosus	STE		0	0	0	0	10	2
Stenocereus thurberi	STE		0	0	0	0	10	2
Stenocereus thurberi	TIM	kg	15000	0	0	0	0	3000
Weberbauerocereus winterianus	LIV		0	0	2	0	0	0.4
CYATHEACEAE								
Cyathea spp.	DPL		316	942	1729	0	166	630.6
Cyathea spp.	DPL	m3	115	0	0	0	0	22.978
Cyathea spp.	DPL	kg	90	0	875	1826	14400	3438.2
Cyathea spp.	LIV		31	1	512	0	53	119.4
Cyathea spp.	TIM		0	1072	0	0	0	214.4
Cyathea aeneifolia	DPL		4	0	0	0	0	0.8
Cyathea appendiculata	DPL		1	0	0	0	0	0.2
Cyathea approximata	DPL		1	0	0	0	0	0.2
Cyathea arborea	DPL	m3	65	102.54	79	117.95	103.85	93.668
Cyathea archboldii	DPL		1	0	0	0	0	0.2
Cyathea arfakensis	DPL		1	0	0	0	0	0.2
Cyathea atrox	DPL		2	0	0	0	0	0.4
Cyathea australis	LIV		209	180	519	576	332	363.2
Cyathea batjanensis	DPL		1	0	0	0	0	0.2
Cyathea bellisquamata var. basilobata	DPL		1	0	0	0	0	0.2
Cyathea biformis	DPL		3	0	0	0	0	0.6
Cyathea borbonica	DPL		2	0	6	0	0	1.6
Cyathea borbonica var. laevigata	DPL		1	0	0	0	0	0.2
Cyathea brownii	LIV		0	0	10	0	0	2
Cyathea celebica	DPL		1	0	0	0	0	0.2
Cyathea contaminans	DPL		0	0	1000	0	2550	710
Cyathea contaminans	DPL	kg	0	0	0	0	2478	495.6
Cyathea contaminans	TIM		405788	231326	124588	866780	427888	411274
Cyathea contaminans	TIM	kg	0	0	997529	0	900	199685.8
Cyathea contaminans	TIM	SHP	147638	0	0	0	168295	63186.6
Cyathea cooperi	LIV		0	0	10	0	0	2
Cyathea costalisora	DPL		1	0	0	0	0	0.2
Cyathea cunninghamii	DPL		0	1	3	0	0	0.8
Cyathea cunninghamii	LIV		525	1885	1319	3074	3601	2080.8
Cyathea cunninghamii	TIM		0	0	67456	0	0	13491.2
Cyathea dealbata	DPL		0	0	0	0	150	30
Cyathea dealbata	LIV		685	914	536	4256	662	1410.6
Cyathea decrescens	DPL		2	0	4	0	0	1.2
Cyathea decrescens var. hirsutifolia	DPL		1	0	0	0	0	0.2
Cyathea delgadii	LIV		0	0	3	0	0	0.6
Cyathea divergens	LIV		0	0	2	0	0	0.4
Cyathea dregei	DPL		1	0	0	0	0	0.2
Cyathea foersteri	DPL		1	0	0	0	0	0.2
Cyathea fugax	DPL		1	0	0	0	0	0.2
Cyathea fulgens	DPL		1	0	0	0	0	0.2
Cyathea fulgens	DPL	kg	1	0	0	0	0	0.2
Cyathea fusca	DPL		1	0	0	0	0	0.2
Cyathea geluensis	DPL		4	0	0	0	0	0.8
Cyathea gleichenioides	DPL		1	0	0	0	0	0.2
Cyathea hildebrandtii	DPL		1	0	0	0	0	0.2
Cyathea hornei	DPL		2	0	0	0	0	0.4
Cyathea imbricata	DPL		2	0	0	0	0	0.4
Cyathea klossii	DPL		20	0	0	0	0	4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Cyathea latebrosa	DPL		1	0	0	0	0	0.2
Cyathea ledermannii	DPL		1	0	0	0	0	0.2
Cyathea lepidoclada	DPL		4	0	0	0	0	0.8
Cyathea lepifera	LIV		597	0	3900	0	0	899.4
Cyathea lepifera	TIM		41305	2760	3300	0	0	9473
Cyathea lepifera	TIM	kg	0	1260	0	0	0	252
Cyathea longipinnata	DPL		1	0	0	0	0	0.2
Cyathea macgillivrayi	DPL		10	0	0	0	0	2
Cyathea macgregorii	DPL		6	0	0	0	0	1.2
Cyathea macrophylla	DPL		3	0	0	0	0	0.6
Cyathea magna	DPL		8	0	0	0	0	1.6
Cyathea marattioides	DPL		1	0	0	0	0	0.2
Cyathea medullaris	DPL		0	12	0	0	150	32.4
Cyathea medullaris	LIV		887	786	501	4391	820	1477
Cyathea medullaris	TIM		6	0	0	0	0	1.2
Cyathea melleri	DPL		1	0	4	0	0	1
Cyathea microphylloides	DPL		5	0	0	0	0	1
Cyathea minor	DPL		1	0	0	0	0	0.2
Cyathea minor	DPL	kg	1	0	0	0	0	0.2
Cyathea muelleri	DPL		5	0	0	0	0	1
Cyathea nigrolineata	DPL		2	0	0	0	0	0.4
Cyathea orthogonalis	DPL		1	0	0	0	0	0.2
Cyathea pachyrrhachis	DPL		3	0	0	0	0	0.6
Cyathea papuana	DPL		3	0	0	0	0	0.6
Cyathea parva	DPL		1	0	0	0	0	0.2
Cyathea percussa	DPL		2	0	0	0	0	0.4
Cyathea perpelvigera	DPL		8	0	0	0	0	1.6
Cyathea pilulifera	DPL		6	0	0	0	0	1.2
Cyathea poeppigii	LIV		0	0	3	0	0	0.6
Cyathea procera	DPL		5	0	0	0	0	1
Cyathea pruinosa	DPL		2	0	0	0	0	0.4
Cyathea pseudomuelleri	DPL		2	0	0	0	0	0.4
Cyathea pulcherrima	DPL		5	0	0	0	0	1
Cyathea pycnoneura	DPL		2	0	0	0	0	0.4
Cyathea rigens	DPL		3	0	0	0	0	0.6
Cyathea rubiginosa	DPL		2	0	0	0	0	0.4
Cyathea runensis	DPL		3	0	0	0	0	0.6
Cyathea schiediana	DPL		0	2	0	0	0	0.4
Cyathea semiamplectens	DPL		1	0	0	0	0	0.2
Cyathea smithii	DPL		0	0	0	0	150	30
Cyathea smithii	LIV		348	544	1062	4115	515	1316.8
Cyathea tomentosa	DPL		4	0	0	0	0	0.8
Cyathea tomentosissima	DPL		5	0	0	0	0	1
Cyathea tomentosissima	LIV		0	0	10	0	0	2
Cyathea tripinnatifida	DPL		2	0	0	0	0	0.4
Cyathea tsaratananensis	DPL		1	0	0	0	0	0.2
Cyathea viguieri	DPL		1	0	0	0	0	0.2
Cyathea womersleyi	DPL		1	0	0	0	0	0.2
Cyathea zakamenensis	DPL		1	0	0	0	0	0.2
CYCADACEAE								
Cycadaceae spp.	EXT	kg	0	0	0	0	0.041	0.008
Cycadaceae spp.	LIV		0	20	21	5	0	9.2
Cycas spp.	DPL		0	68	0	0	0	13.6
Cycas spp.	LIV		4	60	4	0	20	17.6
Cycas calcicola	LIV		0	7	0	0	0	1.4
Cycas circinalis	LIV		0	18	0	0	98	23.2
Cycas macrocarpa	DPL		0	18	0	0	0	3.6
Cycas macrocarpa	LIV		0	18	0	0	0	3.6
Cycas media	LIV		0	500	52	0	0	110.4
Cycas media	STE		0	63	0	0	0	12.6
Cycas megacarpa	LIV		0	0	7	0	0	1.4
Cycas micholitzii	DPL		0	9	0	0	0	1.8
Cycas micholitzii	LIV		0	9	0	0	0	1.8
Cycas ophiolitica	LIV		0	0	184	5	0	37.8
Cycas ophiolitica	STE		0	51	0	0	0	10.2
Cycas pectinata	DPL		0	26	0	0	0	5.2
Cycas pectinata	LIV		45	26	0	13	0	16.8
Cycas revoluta	LIV		322	31157	56790	50040	875	27836.8
Cycas revoluta	LIV	kg	0	13789	10338	0	0	4825.308
Cycas revoluta	STE		182	0	0	0	0	36.4
Cycas rumphii	DPL		18	0	0	0	0	3.6
Cycas rumphii	LIV		0	0	3	0	0	0.6
Cycas siamensis	DPL		0	17	0	0	0	3.4
Cycas siamensis	LIV		4	76	30	35	5	30
Cycas simplicipinna	LIV		10	0	0	0	0	2
Cycas thouarsii	LIV		20	0	0	0	0	4
DICKSONIACEAE								
Cibotium barometz	DER		1200	0	0	0	0	240
Cibotium barometz	DER	FLA	0	10000	423	0	0	2084.6
Cibotium barometz	DER	kg	19.260	505	6635.420	1456.976	11732.397	4069.811
Cibotium barometz	DER	SHP	1910	1696	2389	0	0	1199

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Cibotium barometz	LIV		0	27	0	50	0	15.4
Cibotium barometz	ROO	kg	213000	185000	167200	151809	58139	155029.6
Dicksonia spp.	DPL		0	0	255	0	0	51
Dicksonia spp.	LIV		77	0	0	0	0	15.4
Dicksonia archboldii	DPL		1	0	0	0	0	0.2
Dicksonia blumei	DPL		13	0	0	0	0	2.6
Dicksonia fibrosa	DPL		0	130	0	0	0	26
Dicksonia fibrosa	LIV		4225	2241	198	0	0	1332.8
Dicksonia gigantea	DPL		3	0	0	0	0	0.6
Dicksonia sciurus	DPL		1	0	0	0	0	0.2
Dicksonia sellowiana	DPL		4200	0	0	0	0	840
Dicksonia squarrosa	DPL		16	2850	0	0	0	573.2
Dicksonia squarrosa	LIV		60722	64168	23166	0	0	29611.2
Dicksonia squarrosa	TIM		0	80	0	0	0	16
DIDIEREACEAE								
Didiereaceae spp.	LIV		4	0	0	0	0	0.8
Alluaudia spp.	LIV		0	0	0	0	13	2.6
Alluaudia ascendens	LIV		0	4	0	0	9	2.6
Alluaudia comosa	LIV		4	7	5	0	16	6.4
Alluaudia comosa	SEE	kg	0	0	0	0	0	0.001
Alluaudia dumosa	LIV		3	5	0	0	0	1.6
Alluaudia dumosa	SEE	kg	0	0	0	0	0.005	0.001
Alluaudia humberitii	DPL		0	0	2	0	0	0.4
Alluaudia humberitii	LIV		0	2	0	0	8	2
Alluaudia humberitii	LVS		0	0	0	0	3	0.6
Alluaudia humberitii	SEE	kg	0	0	0	0	0.005	0.001
Alluaudia montagnacii	LIV		1	2	0	0	8	2.2
Alluaudia montagnacii	SEE	kg	0	0	0	0	0.005	0.001
Alluaudia procera	LIV		8	0	5	0	0	2.6
Alluaudia procera	LVS		0	0	0	0	3	0.6
Alluaudia procera	SEE	kg	0	0	0	0	0.005	0.001
Decaryia madagascariensis	DPL		0	0	1	0	0	0.2
Decaryia madagascariensis	LIV		0	0	5	0	0	1
Didierea spp.	LIV		0	2	0	0	0	0.4
Didierea madagascariensis	LIV		25	7	5	0	0	7.4
Didierea trollii	LIV		0	0	5	0	8	2.6
Didierea trollii	LVS		0	0	0	0	3	0.6
EUPHORBEACEAE								
Euphorbia spp.	DER		100	0	0	0	0	20
Euphorbia spp.	DPL		12	0	80	30	48	34
Euphorbia spp.	FLO		0	0	16	0	0	3.2
Euphorbia spp.	LIV		210	15	26	170	367	157.6
Euphorbia spp.	LVS		0	0	16	0	0	3.2
Euphorbia spp.	SEE		0	0	54	0	0	10.8
Euphorbia spp.	SPE		0	0	0	4	0	0.8
Euphorbia spp.	STE		0	0	20	0	0	4
Euphorbia spp.	TIP		0	0	3	0	0	0.6
Euphorbia aggregata	STE		0	5	0	0	0	1
Euphorbia alfredii	LIV		4	0	0	0	0	0.8
Euphorbia ammak	LIV		0	0	10	0	0	2
Euphorbia analalavensis	DPL		0	0	5	0	0	1
Euphorbia analalavensis	FLO		0	0	1	0	0	0.2
Euphorbia analalavensis	LVS		0	0	1	0	0	0.2
Euphorbia analalavensis	STE		0	0	2	0	0	0.4
Euphorbia ankarensis	LIV		24	0	0	0	52	15.2
Euphorbia antisiphilitica	EXT	kg	0	0	98000	0	0	19600
Euphorbia antisiphilitica	WAX	kg	0	0	0	208000	191525	79905
Euphorbia antso	DPL		0	0	1	0	0	0.2
Euphorbia arahaka	DPL		0	0	10	0	0	2
Euphorbia arahaka	FLO		0	0	2	0	0	0.4
Euphorbia arahaka	LIV		0	0	0	0	2	0.4
Euphorbia arahaka	LVS		0	0	2	0	0	0.4
Euphorbia arahaka	STE		0	0	1	0	0	0.2
Euphorbia aureoviridiflora	LIV		4	2	0	0	0	1.2
Euphorbia бага	LIV		0	150	200	0	0	70
Euphorbia beharensis	LIV		0	1	0	0	0	0.2
Euphorbia berorohae	LIV		5	0	0	0	0	1
Euphorbia biaculeata	LIV		0	1	0	0	0	0.2
Euphorbia boissieri	DPL		0	0	5	0	0	1
Euphorbia boissieri	FLO		0	0	1	0	0	0.2
Euphorbia boissieri	LVS		0	0	1	0	0	0.2
Euphorbia boissieri	STE		0	0	4	0	0	0.8
Euphorbia x bothae	LIV		0	2	0	0	0	0.4
Euphorbia braunsii	LIV		0	3	0	0	0	0.6
Euphorbia bulbispina	DPL		0	0	5	0	0	1
Euphorbia bulbispina	FLO		0	0	1	0	0	0.2
Euphorbia bulbispina	LIV		2	0	0	0	0	0.4
Euphorbia bulbispina	LVS		0	0	1	0	0	0.2
Euphorbia bulbispina	STE		0	0	5	0	0	1
Euphorbia bupleurifolia	LIV		0	3	0	0	0	0.6
Euphorbia burmannii	DPL		0	0	3	0	0	0.6

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Euphorbia burmannii	TIP		0	0	3	0	0	0.6
Euphorbia caerulescens	LIV		0	3	0	0	0	0.6
Euphorbia caerulescens	LVS		0	10	0	0	0	2
Euphorbia caerulescens	STE		0	3	0	0	0	0.6
Euphorbia canariensis	LIV		0	0	20	0	0	4
Euphorbia candelabrum	DPL		0	0	0	0	4500	900
Euphorbia candelabrum	STE		0	0	1330	0	0	266
Euphorbia capmanabatoensis	LIV		5	0	0	0	0	1
Euphorbia capuronii	LIV		0	0	0	5	5	2
Euphorbia caput-aureum	LIV		0	0	0	0	9	1.8
Euphorbia cedrorum	DPL		0	0	3	0	0	0.6
Euphorbia cedrorum	FLO		0	0	1	0	0	0.2
Euphorbia cedrorum	LVS		0	0	1	0	0	0.2
Euphorbia cedrorum	STE		0	0	2	0	0	0.4
Euphorbia clava	LIV		0	2	0	0	0	0.4
Euphorbia crispa	LIV		0	0	0	15	0	3
Euphorbia croizatii	LIV		0	0	0	0	5	1
Euphorbia curvirama	LIV		0	2	0	0	0	0.4
Euphorbia curvirama	STE		0	1	0	0	0	0.2
Euphorbia decepta	LIV		0	3	0	0	0	0.6
Euphorbia delphinensis	LIV		0	0	1	0	0	0.2
Euphorbia didiereoides	LIV		22	5	0	0	0	5.4
Euphorbia duranii	LIV		20	0	0	0	5	5
Euphorbia enterophora	DPL		0	0	24	0	0	4.8
Euphorbia enterophora	FLO		0	0	5	0	0	1
Euphorbia enterophora	LIV		0	0	0	2	2	0.8
Euphorbia enterophora	LVS		0	0	5	0	0	1
Euphorbia enterophora	STE		0	0	2	0	0	0.4
Euphorbia ernestii	LIV		0	1	0	0	0	0.2
Euphorbia ernestii	STE		0	4	0	0	0	0.8
Euphorbia esculenta	LIV		0	3	0	0	0	0.6
Euphorbia famatamboay	LVS		0	0	0	0	3	0.6
Euphorbia ferox	LIV		0	4	0	0	0	0.8
Euphorbia fianarantsoae	LIV		0	0	0	0	12	2.4
Euphorbia gatbergensis	LIV		0	3	0	0	0	0.6
Euphorbia genoudiana	LIV		0	13	0	0	0	2.6
Euphorbia geroldii	LIV		4	0	0	0	1	1
Euphorbia globosa	LIV		0	1	50	0	0	10.2
Euphorbia gorgonis	LIV		0	6	0	120	0	25.2
Euphorbia gottlebei	LIV		0	10	0	0	10	4
Euphorbia grandialata	LIV		0	0	10	0	0	2
Euphorbia grandicornis	LIV		0	0	20	0	0	4
Euphorbia grandidens	STE		0	1	0	0	0	0.2
Euphorbia gregaria	ROO	kg	0	0	0	0	0	0.004
Euphorbia guillauminiana	LIV		9	0	100	0	24	26.6
Euphorbia guillemetii	LIV		0	53	0	0	0	10.6
Euphorbia gummifera	DPL		0	0	3	0	0	0.6
Euphorbia gummifera	SEE		0	0	2	0	0	0.4
Euphorbia hamata	DPL		0	0	37	0	0	7.4
Euphorbia hamata	SEE		0	0	31	0	0	6.2
Euphorbia hamata	TIP		0	0	6	0	0	1.2
Euphorbia hedyotoides	LIV		0	6	0	0	50	11.2
Euphorbia herman-schwartzii	LIV		4	0	0	0	0	0.8
Euphorbia hofstaetteri	LIV		4	0	0	0	0	0.8
Euphorbia horombensis	LIV		20	1	0	0	0	4.2
Euphorbia horrida	LIV		0	3	0	0	0	0.6
Euphorbia horrida	LVS		0	8	0	0	0	1.6
Euphorbia horrida	STE		0	8	0	0	0	1.6
Euphorbia inconstantia	STE		0	2	0	0	0	0.4
Euphorbia indecora	LIV		0	0	3	0	0	0.6
Euphorbia inermis	LIV		0	3	0	0	0	0.6
Euphorbia ingens	LIV		0	0	20	0	0	4
Euphorbia intisy	LIV		0	3	3	0	0	1.2
Euphorbia knuthii	LIV		0	0	1	0	0	0.2
Euphorbia kondoi	LIV		0	40	0	0	0	8
Euphorbia leucodendron	DPL		0	0	7	0	0	1.4
Euphorbia leucodendron	FLO		0	0	2	0	0	0.4
Euphorbia leucodendron	LIV		17	30	2	0	0	9.8
Euphorbia leucodendron	LVS		0	0	2	0	0	0.4
Euphorbia leuconeura	LIV		5	5	0	0	0	2
Euphorbia lignosa	STE		0	0	1	0	0	0.2
Euphorbia lophogona	DPL		0	35	0	0	0	7
Euphorbia lophogona	LIV		10	0	0	0	11200	2242
Euphorbia louwii	SPE		0	0	35	0	0	7
Euphorbia mahafalensis var. xanthadenia	DPL		0	0	5	0	0	1
Euphorbia mahafalensis var. xanthadenia	FLO		0	0	1	0	0	0.2
Euphorbia mahafalensis var. xanthadenia	LVS		0	0	1	0	0	0.2
Euphorbia mahafalensis var. xanthadenia	STE		0	0	5	0	0	1
Euphorbia mainty	DPL		0	0	6	0	0	1.2
Euphorbia mainty	FLO		0	0	1	0	0	0.2
Euphorbia mainty	LVS		0	0	1	0	0	0.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Euphorbia mauritanica	DPL		0	0	8	0	0	1.6
Euphorbia mauritanica	LVS		0	10	0	0	0	2
Euphorbia mauritanica	SEE		0	0	8	0	0	1.6
Euphorbia mauritanica	STE		0	10	0	0	0	2
Euphorbia melanohydrata	LIV		0	5	0	0	0	1
Euphorbia meloformis	LIV		0	2	200	0	0	40.4
Euphorbia meridionalis	LIV		2	0	0	0	2	0.8
Euphorbia micracantha	LIV		0	1	0	0	0	0.2
Euphorbia milii	LIV		33	205	0	5	20	52.6
Euphorbia milii	STE		0	100	0	0	0	20
Euphorbia milii var. hislopii	LIV		0	0	11	0	0	2.2
Euphorbia milii var. vulcanii	LIV		0	0	0	0	5	1
Euphorbia multifolia	LIV		0	0	0	5	0	1
Euphorbia neobosseri	DPL		0	0	5	0	0	1
Euphorbia neobosseri	FLO		0	0	1	0	0	0.2
Euphorbia neobosseri	LIV		4	0	0	0	0	0.8
Euphorbia neobosseri	LVS		0	0	1	0	0	0.2
Euphorbia neobosseri	STE		0	0	3	0	0	0.6
Euphorbia neohumbertii	LIV		24	20	2	0	0	9.2
Euphorbia onoclada	DPL		0	0	4	0	0	0.8
Euphorbia onoclada	FLO		0	0	1	0	0	0.2
Euphorbia onoclada	LIV		0	0	1	0	0	0.2
Euphorbia onoclada	LVS		0	0	1	0	0	0.2
Euphorbia onoclada	STE		0	0	2	0	0	0.4
Euphorbia ornithopus	STE		0	2	0	0	0	0.4
Euphorbia orthoclada	DPL		0	0	5	0	0	1
Euphorbia orthoclada	FLO		0	0	1	0	0	0.2
Euphorbia orthoclada	LVS		0	0	1	0	0	0.2
Euphorbia pachypodioides	LIV		6	31	0	0	0	7.4
Euphorbia paulianii	LIV		9	0	0	0	10	3.8
Euphorbia pedilanthoides	LIV		0	0	12	5	15	6.4
Euphorbia pentagona	LIV		0	3	0	0	0	0.6
Euphorbia plagiantha	DPL		0	0	4	0	0	0.8
Euphorbia plagiantha	FLO		0	0	1	0	0	0.2
Euphorbia plagiantha	LVS		0	0	1	0	3	0.8
Euphorbia poissonii	LIV		0	230	100	100	100	106
Euphorbia polycephala	LIV		0	3	0	0	0	0.6
Euphorbia polygona	LIV		0	1	0	0	0	0.2
Euphorbia primulifolia	DPL		0	0	1	0	0	0.2
Euphorbia primulifolia	FLO		0	0	1	0	0	0.2
Euphorbia primulifolia	LIV		65	61	81	0	417	124.8
Euphorbia primulifolia	LVS		0	0	1	0	0	0.2
Euphorbia primulifolia	STE		0	0	3	0	0	0.6
Euphorbia primulifolia var. begardii	LIV		0	0	0	0	5	1
Euphorbia pseudoglobosa	LIV		0	2	0	0	0	0.4
Euphorbia pulvinata	STE		0	3	0	0	0	0.6
Euphorbia quartzicola	DPL		1	0	0	0	0	0.2
Euphorbia razafindratsirea	LIV		0	0	0	0	31	6.2
Euphorbia resinifera	EXT	kg	0	0	0	0	50	10
Euphorbia resinifera	EXT	l	0	0	0	0	50	10
Euphorbia resinifera	LIV	kg	0	0	0	50	0	10
Euphorbia sakarahaensis	LIV		0	1	0	0	0	0.2
Euphorbia silenifolia	LIV		0	5	100	300	200	121
Euphorbia squarrosa	LIV		0	0	100	0	0	20
Euphorbia stapelioides	LIV		0	5	0	0	0	1
Euphorbia stellata	LIV		0	2	100	150	2988	648
Euphorbia stenoclada	LIV		0	0	0	0	10	2
Euphorbia susannae	LIV		0	0	0	40	0	8
Euphorbia symmetrica	LIV		0	3	0	0	0	0.6
Euphorbia tardieuana	LIV		20	0	3	0	0	4.6
Euphorbia tenuispinosa	LIV		0	12	0	0	0	2.4
Euphorbia tetragona	LIV		0	2	0	0	0	0.4
Euphorbia tetragona	SPE	kg	0	0	0	0	0	0.003
Euphorbia tirucalli	EXT	kg	0	0	0	0	0.036	0.0072
Euphorbia tirucalli	LIV		0	30	0	0	0	6
Euphorbia tirucalli	LVS		0	0	0	0	3	0.6
Euphorbia trichadenia	LIV		0	3	0	30	0	6.6
Euphorbia tridentata	STE		0	3	0	0	0	0.6
Euphorbia trigona	LIV		0	0	20	0	0	4
Euphorbia unispina	LIV		0	200	0	0	0	40
Euphorbia valida	LIV		0	4	0	0	0	0.8
Euphorbia valida	STE		0	1	0	0	0	0.2
Euphorbia venenifica	LIV		0	0	200	200	200	120
Euphorbia viguieri	DPL		0	0	8	0	0	1.6
Euphorbia viguieri	FLO		0	0	2	0	0	0.4
Euphorbia viguieri	LIV		20	10	0	0	0	6
Euphorbia viguieri	LVS		0	0	2	0	0	0.4
Euphorbia viguieri	STE		0	0	4	0	0	0.8
LEGUMINOSAE (FABACEAE)								
Pericopsis elata	LIV	m3	0	0	0	0	78	15.555
Pericopsis elata	SAW	m3	30308.648	13860.927	11087.255	11638.813	15444.746	16468.078

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Pericopsis elata	TIP	m3	0	104.090	32.414	0	0	27.301
Pericopsis elata	TIP	kg	0	0	46825	0	0	9365
Platymiscium pleiostachyum	TIP		0	0	0	0	1	0.2
Pterocarpus santalinus	EXT	kg	2497	0	0	0	0	499.4
Pterocarpus santalinus	TIM	m3	29.884	0	0	0	0	5.977
Pterocarpus santalinus	TIM	kg	0	0	0	0	96000	19200
Pterocarpus santalinus	TIM	m	0	20	0	0	0	4
LILIACEAE								
Aloe spp.	LIV		27	165	80	150	378	160
Aloe acutissima var. antanimorensis	LIV		0	3	0	0	0	0.6
Aloe andongensis	LIV		0	2	0	0	0	0.4
Aloe antandroi	LIV		0	3	0	0	0	0.6
Aloe arborescens	EXT	kg	0	0	0	0	79438	15887.6
Aloe bainesii	LIV		8	0	0	0	0	1.6
Aloe betsilensis	LIV		0	0	0	0	25	5
Aloe bosseri	LIV		0	0	0	5	0	1
Aloe boylei	LIV		3	0	0	0	0	0.6
Aloe buettneri	LIV		0	100	0	0	0	20
Aloe bulbifera	LIV		0	0	0	0	25	5
Aloe capitata	LIV		13	41	14	3	7	15.6
Aloe capitata var. capitata	LIV		0	0	0	0	25	5
Aloe capitata var. cipolinicola	LIV		0	3	0	0	30	6.6
Aloe capitata var. gneissicola	LIV		0	3	0	0	25	5.6
Aloe capitata var. quartzicola	LIV		0	3	0	0	25	5.6
Aloe compressa var. rugosquamosa	LIV		0	1	0	0	0	0.2
Aloe conifera	LIV		5	3	15	10	15	9.6
Aloe decaryi	LIV		0	75	0	0	0	15
Aloe decorsei	LIV		3	0	0	0	0	0.6
Aloe deltoideodonta	LIV		14	12	15	5	6	10.4
Aloe dichotoma	LIV		6	0	0	20	0	5.2
Aloe divaricata	LIV		0	3	0	0	25	5.6
Aloe ecklonis	LIV		0	0	0	50	0	10
Aloe ellenbeckii	EXT	kg	70000	40000	66875	0	0	35375
Aloe ericetorum	LIV		0	10	0	0	0	2
Aloe erythrophylla	LIV		3	3	0	0	0	1.2
Aloe falcata	LIV		0	0	2	0	0	0.4
Aloe ferox	DPL		0	12453	8000	8000	11800	8050.6
Aloe ferox	DPL	kg	124	0	0	80	0	40.8
Aloe ferox	EXT		504	199	33496	102660	42314	35834.6
Aloe ferox	EXT	kg	324939	286086	360800.510	342713	444093.900	351726.482
Aloe ferox	EXT	l	0	0	28786.43	90167.6	125123.835	48815.573
Aloe ferox	LIV		27635	32928	90	90	0	12148.6
Aloe ferox	LIV	kg	2500	0	0	0	0	500
Aloe ferox	TIP		0	0	55101	0	29528	16925.8
Aloe ferox	TIP	kg	0	0	0	0	11.2	2.24
Aloe fievetii	LIV		0	10	0	0	0	2
Aloe hemmingii	LIV		3	0	0	0	0	0.6
Aloe howmanii	LIV		0	0	0	0	25	5
Aloe humbertii	LIV		0	10	0	0	0	2
Aloe ibitiensis	LIV		5	3	3	0	4	3
Aloe imalotensis	LIV		0	3	10	0	6	3.8
Aloe isaloensis	LIV		0	0	0	0	2	0.4
Aloe itremensis	LIV		0	0	5	3	3	2.2
Aloe macroclada	LIV		3	10	4	0	25	8.4
Aloe madecassa	LIV		0	3	0	0	4	1.4
Aloe marlothii	LIV		16	0	0	0	0	3.2
Aloe millotii	LIV		0	0	0	0	4	0.8
Aloe parallelfolia	LIV		0	2	0	0	0	0.4
Aloe perrieri	LIV		0	3	0	0	0	0.6
Aloe prostrata	LIV		0	0	0	0	25	5
Aloe ramosissima	LIV		0	5	0	0	0	1
Aloe schomeri	LIV		3	5	0	0	0	1.6
Aloe suarezensis	LIV		0	3	0	0	0	0.6
Aloe trachyticola	LIV		0	3	5	0	5	2.6
Aloe vaombe	LIV		0	7	20	4	25	11.2
Aloe vaotsanda	LIV		0	3	10	0	25	7.6
Aloe variegata	LIV		30	0	0	0	0	6
Aloe viguieri	LIV		3	3	0	0	0	1.2
MELIACEAE								
Swietenia spp.	CAR		0	0	1	0	0	0.2
Swietenia humilis	DPL		0	0	0	0	2	0.4
Swietenia macrophylla	CAR		0	0	0	0	19	3.8
Swietenia macrophylla	SAW	m3	0	0	0	0	2305.842	461.168
Swietenia macrophylla	VEN	m3	0	0	0	0	0.368	0.074
Swietenia mahogoni	CAR		0	0	0	0	250	50
Swietenia mahogoni	SAW		0	133.3	0	0	0	26.66
Swietenia mahogoni	SAW	m3	0	1	0	0	63.780	12.956
Swietenia mahogoni	TIP		0	0	835	835	0	334
NEPENTHACEAE								
Nepenthes spp.	DPL		0	0	12	0	0	2.4
Nepenthes spp.	LIV		51	0	0	0	0	10.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Nepenthes albo-marginata	LIV		0	0	0	0	13	2.6
Nepenthes albo-marginata	SPE		0	0	0	0	13	2.6
Nepenthes ampullaria	LIV		0	0	0	0	16	3.2
Nepenthes ampullaria	SPE		0	0	0	0	16	3.2
Nepenthes bicalcarata	LIV		0	0	0	0	17	3.4
Nepenthes bicalcarata	SPE		0	0	0	0	17	3.4
Nepenthes gracilis	DPL		0	5	0	0	0	1
Nepenthes gracilis	LIV		0	0	0	0	23	4.6
Nepenthes gracilis	SPE		0	0	0	0	23	4.6
Nepenthes madagascariensis	LIV		0	1	2	0	0	0.6
Nepenthes mirabilis	LIV		0	0	420	6375	3600	2079
Nepenthes mirabilis	SPE		0	0	0	0	13	2.6
Nepenthes rafflesiana	DPL		0	5	0	0	0	1
Nepenthes rafflesiana	LIV		0	0	0	0	22	4.4
Nepenthes rafflesiana	SPE		0	0	0	0	22	4.4
ORCHIDACEAE								
Orchidaceae spp.	DER		200	0	0	24	0	44.8
Orchidaceae spp.	DPL		135	361	342	3	29	174
Orchidaceae spp.	EXT	kg	0	0	0.15	0	0	0.03
Orchidaceae spp.	LIV		30986	22744	33266	24404	6737	23627.4
Orchidaceae spp.	LIV	SHP	0	0	0	0	1	0.2
Orchidaceae spp.	ROO		0	0	4	0	0	0.8
Acampe carinata	LIV		10	20	0	0	0	6
Acampe pachyglossa	LIV		0	3	1	0	2	1.2
Acampe rigida	LIV		35	30	0	0	0	13
Acampe rigida	ROO		0	20	0	0	0	4
Acanthephippium striatum	LIV		0	0	0	0	41	8.2
Acineta spp.	LIV		0	0	0	4	0	0.8
Acriopsis indica	LIV		0	0	0	0	7	1.4
Ada spp.	LIV		1	0	4	0	0	1
Adrorhizon spp.	LIV		0	0	0	0	1	0.2
Aerangis spp.	DPL		0	0	0	2	4	1.2
Aerangis spp.	LIV		30	24	132	0	63	49.8
Aerangis articulata	LIV		2	13	2	0	4	4.2
Aerangis citrata	LIV		115	32	4	0	13	32.8
Aerangis cryptodon	LIV		25	8	5	10	15	12.6
Aerangis curnowiana	LIV		19	54	0	0	12	17
Aerangis decaryana	LIV		4	1	0	0	3	1.6
Aerangis ellisii	LIV		52	4	1	0	0	11.4
Aerangis fastuosa	LIV		71	30	5	1	18	25
Aerangis fuscata	LIV		75	16	4	0	17	22.4
Aerangis hyaloides	LIV		27	28	1	0	14	14
Aerangis macrocentra	LIV		36	10	0	0	9	11
Aerangis modesta	LIV		3	12	1	0	9	5
Aerangis mooreana	LIV		1	0	0	0	0	0.2
Aerangis pulchella	LIV		0	2	0	0	0	0.4
Aerangis spiculata	LIV		30	0	0	0	0	6
Aerangis stylosa	LIV		71	18	1	1	16	21.4
Aeranthes spp.	LIV		105	1	84	0	59	49.8
Aeranthes adenopoda	LIV		0	1	0	0	2	0.6
Aeranthes arachnitis	LIV		2	4	0	0	14	4
Aeranthes brevivaginans	DPL		0	0	0	0	3	0.6
Aeranthes caudata	LIV		21	12	2	0	10	9
Aeranthes denticulata	LIV		27	0	0	0	0	5.4
Aeranthes filipes	LIV		20	0	0	0	0	4
Aeranthes grandiflora	LIV		13	6	1	0	19	7.8
Aeranthes henrici	DPL		0	0	0	0	3	0.6
Aeranthes henrici	LIV		146	89	33	4	44	63.2
Aeranthes longipes	LIV		7	4	2	5	9	5.4
Aeranthes nidus	LIV		3	7	1	0	7	3.6
Aeranthes peyrotii	LIV		60	0	0	0	1	12.2
Aeranthes ramosa	LIV		17	45	10	11	28	22.2
Aeranthes subramosa	LIV		0	1	0	0	0	0.2
Aerides spp.	LIV		1	0	0	0	120	24.2
Aerides crassifolium	LIV		0	50	50	0	34	26.8
Aerides falcatum	LIV		0	51	0	0	7	11.6
Aerides krabiense	LIV		15	0	0	0	0	3
Aerides multiflorum	LIV		11	151	0	0	6	33.6
Aerides odoratum	LIV		13	50	0	0	3	13.2
Aerides pedunculata	LIV		50	100	0	0	7	31.4
Aerides quinquevulnerum	LIV		15	0	0	0	0	3
Aerides rubescens	LIV		1	50	1	0	8	12
Agrostophyllum spp.	LIV		0	1	0	0	0	0.2
Agrostophyllum khasianum	LIV		25	0	0	0	0	5
Altensteinia spp.	DPL		0	0	1	0	0	0.2
Anacamptis morio	LIV		3	0	0	0	0	0.6
Angraecum spp.	DPL		15	0	0	2	14	6.2
Angraecum spp.	LIV		58	51	210	3	109	86.2
Angraecum ankeranense	LIV		1	4	0	0	0	1
Angraecum bicallosum	LIV		35	11	3	0	7	11.2
Angraecum breve	LIV		37	8	3	0	8	11.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Angraecum calceolus	LIV		0	51	0	0	3	10.8
Angraecum chamaeanthus	LIV		0	0	1	0	0	0.2
Angraecum chloranthum	LIV		1	0	0	0	0	0.2
Angraecum clavigerum	LIV		0	0	0	2	0	0.4
Angraecum compactum	LIV		21	12	2	0	14	9.8
Angraecum coutrixii	DPL		0	0	0	0	3	0.6
Angraecum crassum	LIV		0	1	0	0	0	0.2
Angraecum dendrobiopsis	LIV		50	0	0	0	0	10
Angraecum didieri	LIV		12	16	3	1	8	8
Angraecum drouhardii	LIV		5	8	1	0	9	4.6
Angraecum eburneum	LIV		15	0	5	0	5	5
Angraecum eburneum ssp. superbum	LIV		1	1	0	4	2	1.6
Angraecum eburneum ssp. superbum var. longicalcar	DPL		0	0	0	0	3	0.6
Angraecum eburneum ssp. superbum var. longicalcar	LIV		2	0	0	0	3	1
Angraecum eburneum ssp. xerophilum	LIV		0	62	0	0	0	12.4
Angraecum elephantinum	LIV		37	17	0	0	4	11.6
Angraecum equitans	LIV		2	16	3	0	10	6.2
Angraecum filicornu	LIV		61	3	0	0	5	13.8
Angraecum germinyatum	LIV		116	19	3	0	12	30
Angraecum lecomtei	LIV		0	5	0	0	0	1
Angraecum leonis	LIV		31	0	0	2	1	6.8
Angraecum madagascariense	LIV		0	9	1	0	0	2
Angraecum magdalenae	DPL		0	0	0	0	3	0.6
Angraecum magdalenae	LIV		53	34	0	4	16	21.4
Angraecum mahavavense	LIV		5	0	0	0	11	3.2
Angraecum obesum	LIV		61	17	1	0	8	17.4
Angraecum oblongifolium	LIV		2	0	0	0	3	1
Angraecum onivense	LIV		0	0	0	0	1	0.2
Angraecum pinifolium	LIV		30	0	0	0	0	6
Angraecum praestans	LIV		21	12	0	0	9	8.4
Angraecum protensum	LIV		55	2	0	4	0	12.2
Angraecum pseudodidieri	LIV		0	2	0	0	0	0.4
Angraecum pseudofilicornu	LIV		18	5	0	2	9	6.8
Angraecum ramosum	LIV		3	13	0	0	10	5.2
Angraecum rhynchoglossum	LIV		1	0	0	0	0	0.2
Angraecum rutenbergianum	DPL		0	0	0	0	1	0.2
Angraecum rutenbergianum	LIV		67	23	3	2	5	20
Angraecum sacciferum	LIV		0	0	1	0	0	0.2
Angraecum sacculatum	LIV		0	18	0	0	0	3.6
Angraecum scottianum	LIV		14	15	3	1	8	8.2
Angraecum sedifolium	LIV		0	0	0	3	0	0.6
Angraecum sesquipedale	LIV		7	16	1	6	5	7
Angraecum sororium	LIV		34	8	3	0	11	11.2
Angraecum teretifolium	LIV		79	29	1	2	7	23.6
Angraecum urschianum	LIV		0	0	0	1	0	0.2
Angraecum viguieri	LIV		6	6	3	0	7	4.4
Anguloa clowesii	LIV		0	0	2	0	0	0.4
Anguloa x ruckeri	LIV		0	0	4	0	0	0.8
Ania hookeriana	LIV		35	20	0	0	24	15.8
Anoectochilus spp.	LIV		0	1	0	0	0	0.2
Anoectochilus pomrangianus	DPL		0	0	0	0	1	0.2
Anoectochilus reinwardtii	LIV		0	0	0	20	0	4
Anoectochilus setaceus	LIV		0	0	0	20	0	4
Anoectochilus sikkimensis	LIV		15	20	0	20	0	11
Ansellia africana	LIV		5	0	1	0	0	1.2
Anthosiphon spp.	LIV		0	0	0	1	0	0.2
Apostasia nuda	DPL		1	0	0	0	0	0.2
Apostasia wallichii	DPL		1	0	0	0	0	0.2
Appendicula spp.	LIV		7	0	0	0	0	1.4
Arachnis spp.	LIV		0	0	0	0	30	6
Arachnis flos-aeris	LIV		40	40	0	0	7	17.4
Arachnis x maingayi	LIV		40	20	0	0	2	12.4
Arpophyllum spp.	LIV		0	0	4	0	0	0.8
Arpophyllum giganteum	DPL		1	2	0	0	0	0.6
Arpophyllum giganteum	LIV		40	80	0	0	0	24
Arpophyllum spicatum	LIV		0	0	2	0	20	4.4
Arundina spp.	LIV		0	0	0	0	3	0.6
Arundina graminifolia	LIV		3	0	0	0	1	0.8
Ascidieria spp.	LIV		0	1	0	0	0	0.2
Ascocentrum spp.	LIV		0	0	0	100	0	20
Ascocentrum christensonianum	LIV		925	1010	1500	0	350	757
Ascocentrum miniatum	LIV		30	150	0	0	17	39.4
Aspasia spp.	LIV		0	0	0	1	0	0.2
Aspasia variegata	LIV		6	0	0	0	0	1.2
Barbosella spp.	DPL		0	0	2	0	0	0.4
Barkeria spp.	LIV		0	3	0	0	0	0.6
Barkeria obovata	LIV		0	0	4	0	0	0.8
Barkeria spectabilis	LIV		0	0	4	0	0	0.8
Beclardia spp.	LIV		0	0	25	3	5	6.6

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Beclardia macrostachya	LIV		1	17	0	0	6	4.8
Beloglottis spp.	LIV		0	0	4	0	0	0.8
Bletia spp.	DPL		1	0	0	0	0	0.2
Bletia spp.	LIV		5	5	0	0	0	2
Bletia florida	LIV		0	0	6	0	0	1.2
Bletia patula	DPL		6	0	0	0	0	1.2
Bletia patula	LIV		0	0	0	0	3	0.6
Bletia purpurea	DPL		1	0	0	0	0	0.2
Bletia purpurea	LIV		0	51	102	0	60	42.6
Bletilla striata	DER	kg	5	2	0	0	0	1.4
Bletilla striata	DER	SHP	130	0	0	0	0	26
Bletilla striata	DPL	kg	198	300	0	0	2000	499.6
Bletilla striata	LIV		0	0	30	3000	0	606
Bollea hirtzii	LIV		0	1	0	0	0	0.2
Bothriochilus bellus	LIV		281	50	340	40	70	156.2
Brachionidium spp.	LIV		0	0	0	9	0	1.8
Brachycorythis spp.	LIV		0	0	0	0	20	4
Brachycorythis galeandra	LIV		0	0	0	0	60	12
Brassavola spp.	LIV		20	6	4	0	0	6
Brassavola acaulis	LIV		0	0	0	0	5	1
Brassavola cebolleta	LIV		0	0	2	0	0	0.4
Brassavola cordata	LIV		6	72	8	0	0	17.2
Brassavola cucullata	LIV		2	0	4	0	1	1.4
Brassavola martiana	LIV		0	0	0	0	1	0.2
Brassavola nodosa	LIV		2365	2834	349	220	1060	1365.6
Brassavola perrinii	LIV		1	0	0	0	0	0.2
Brassavola venosa	LIV		0	0	4	0	0	0.8
Brassia spp.	LIV		20	0	2	0	0	4.4
Brassia allenii	LIV		1	0	0	0	0	0.2
Brassia caudata	LIV		98	5	76	2	109	58
Brassia longissima	LIV		2	0	0	0	0	0.4
Brassia maculata	LIV		24	6	415	99	523	213.4
Brassia verrucosa	LIV		501	30	0	0	400	186.2
Bromheadia aporoides	LIV		0	120	0	0	0	24
Bromheadia finlaysoniana	LIV		0	20	0	0	0	4
Broughtonia negrilensis	LIV		13	5	5	6	4	6.6
Broughtonia sanguinea	LIV		14	89	10	4	0	23.4
Brownleea coerulea	LIV		0	0	0	5	0	1
Bulbophyllum spp.	DPL		25	0	169	18	10	44.4
Bulbophyllum spp.	LIV		433	317	330	1100	1678	771.6
Bulbophyllum affine	LIV		0	0	0	0	11	2.2
Bulbophyllum afzelii	LIV		0	10	0	0	0	2
Bulbophyllum aristatum	LIV		0	0	0	0	30	6
Bulbophyllum auriflorum	LIV		22	0	0	0	0	4.4
Bulbophyllum bathieanum	LIV		22	0	0	0	0	4.4
Bulbophyllum brachyphyton	LIV		25	0	0	0	0	5
Bulbophyllum brevipetalum	LIV		25	0	0	0	0	5
Bulbophyllum cataractarum	LIV		6	0	0	0	0	1.2
Bulbophyllum cochleatum	LIV		0	0	1	0	0	0.2
Bulbophyllum comosum	LIV		0	0	0	10	0	2
Bulbophyllum cyclanthum	LIV		5	0	0	0	0	1
Bulbophyllum digoelense	DPL		0	0	0	1	0	0.2
Bulbophyllum ecornutum	LIV		0	0	0	27	0	5.4
Bulbophyllum elassonotum	LIV		0	0	0	0	23	4.6
Bulbophyllum elliotii	LIV		6	0	0	0	5	2.2
Bulbophyllum erectum	LIV		15	0	0	0	0	3
Bulbophyllum evrardii	LIV		215	80	2	10	0	61.4
Bulbophyllum forrestii	LIV		0	0	0	10	0	2
Bulbophyllum frostii	LIV		740	100	0	0	42	176.4
Bulbophyllum gracilicaule	LIV		30	0	0	0	0	6
Bulbophyllum gracillimum	LIV		0	0	2	0	0	0.4
Bulbophyllum hamelinii	LIV		80	0	0	0	0	16
Bulbophyllum hexarhopalon	LIV		0	0	2	0	0	0.4
Bulbophyllum jamaicense	LIV		0	10	0	0	0	2
Bulbophyllum leandrianum	LIV		0	0	1	0	0	0.2
Bulbophyllum lemniscatoides	LIV		0	0	0	0	57	11.4
Bulbophyllum lepidum	LIV		505	20	0	470	257	250.4
Bulbophyllum leptochlamys	LIV		10	0	0	0	0	2
Bulbophyllum lobbii	DPL		0	0	0	0	1	0.2
Bulbophyllum lobbii	LIV		2	0	0	0	0	0.4
Bulbophyllum lucidum	LIV		30	0	0	0	0	6
Bulbophyllum macranthum	LIV		30	50	1	0	5	17.2
Bulbophyllum macrocoleum	LIV		0	0	0	0	9	1.8
Bulbophyllum maximum	LIV		0	0	1	0	0	0.2
Bulbophyllum minax	LIV		30	0	0	0	0	6
Bulbophyllum monanthum	LIV		0	0	0	0	26	5.2
Bulbophyllum nigrescens	LIV		0	100	0	0	28	25.6
Bulbophyllum occlusum	LIV		40	0	1	0	1	8.4
Bulbophyllum odoratum	LIV		20	0	1	10	14	9
Bulbophyllum onivense	LIV		0	5	0	0	0	1
Bulbophyllum oreodorum	LIV		3	0	0	0	0	0.6

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Bulbophyllum pandurella	LIV		6	0	0	0	0	1.2
Bulbophyllum pectenvenenis	LIV		0	0	0	0	55	11
Bulbophyllum picturatum	LIV		0	50	0	20	74	28.8
Bulbophyllum purpureifolium	LIV		5	0	0	0	0	1
Bulbophyllum putidum	LIV		750	100	0	120	20	198
Bulbophyllum refractum	LIV		30	50	6	10	28	24.8
Bulbophyllum rhizomatosum	LIV		15	0	0	0	0	3
Bulbophyllum rhodostachys	LIV		8	0	0	0	0	1.6
Bulbophyllum septatum	LIV		30	0	0	0	0	6
Bulbophyllum sigaldiae	LIV		0	0	0	0	22	4.4
Bulbophyllum spathulatum	LIV		0	50	0	0	28	15.6
Bulbophyllum sulfureum	LIV		0	0	0	0	1	0.2
Bulbophyllum tixieri	LIV		0	0	50	0	0	10
Bulbophyllum trilineatum	LIV		6	0	0	0	0	1.2
Bulbophyllum umbellatum	LIV		15	50	0	10	23	19.6
Bulbophyllum unifoliatum ssp. flectens	LIV		0	0	1	0	0	0.2
Bulbophyllum xanthum	LIV		0	0	0	0	1	0.2
Cadetia spp.	DPL		0	0	18	0	0	3.6
Calanthe spp.	DPL		5	0	0	1	0	1.2
Calanthe spp.	LIV		10	20	16	0	0	9.2
Calanthe alleizettei	LIV		0	0	0	0	37	7.4
Calanthe calanthoides	DPL		5	0	0	0	0	1
Calanthe cardioglossa	LIV		0	0	0	0	39	7.8
Calanthe densiflora	LIV		20	0	0	0	36	11.2
Calanthe madagascariensis	LIV		5	22	2	1	1	6.2
Calanthe puberula	LIV		30	0	0	0	35	13
Calanthe repens	LIV		0	2	0	0	1	0.6
Calanthe rubens	LIV		15	0	0	0	35	10
Calanthe sylvatica	LIV		5	4	10	3	13	7
Calanthe triplicata	LIV		0	0	0	110	0	22
Calanthe ventrilabrum	DPL		0	0	0	1	0	0.2
Calanthe vestita	LIV		20	0	0	0	39	11.8
Calypso bulbosa	LIV		3	0	0	0	0	0.6
Campylocentrum spp.	LIV		25	7	6	0	11	9.8
Campylocentrum ariza-juliae	LIV		11	16	0	2	0	5.8
Campylocentrum fasciola	LIV		8	0	0	0	0	1.6
Campylocentrum micranthum	LIV		32	7	40	16	76	34.2
Campylocentrum pachyrrhizum	LIV		0	1	0	0	0	0.2
Catasetum spp.	LIV		67	100	12	6	0	37
Catasetum appendiculatum	LIV		59	0	0	0	0	11.8
Catasetum denticulatum	LIV		2	0	0	0	0	0.4
Catasetum discolor	LIV		1	0	0	0	0	0.2
Catasetum incurvum	LIV		10	0	0	0	0	2
Catasetum integerrimum	LIV		219	26	34	40	30	69.8
Catasetum longifolium	LIV		3	0	0	0	0	0.6
Catasetum macrocarpum	LIV		0	0	0	0	1	0.2
Catasetum macroglossum	LIV		10	0	0	0	0	2
Catasetum maculatum	DPL		1	0	0	0	0	0.2
Catasetum maculatum	LIV		3	0	0	0	0	0.6
Catasetum moorei	LIV		5	0	0	0	0	1
Catasetum saccatum	LIV		0	0	12	0	0	2.4
Catasetum spitzii	LIV		1	0	0	0	0	0.2
Catasetum tenebrosus	LIV		10	0	15	0	0	5
Catasetum viridiflavum	LIV		100	0	0	0	0	20
Cattleya spp.	LIV		0	550	12	0	0	112.4
Cattleya bowringiana	LIV		1	140	43	35	11	46
Cattleya guatemalensis	LIV		0	0	4	0	0	0.8
Cattleya intermedia	LIV		4	0	0	0	0	0.8
Cattleya luteola	LIV		15	1	0	0	0	3.2
Cattleya maxima	LIV		30	2	213	0	0	49
Cattleya nobilior	LIV		7	0	0	0	0	1.4
Cattleya rex	LIV		20	1	0	0	0	4.2
Cattleya violacea	LIV		1	0	4	0	0	1
Cattleya warszewiczii	LIV		0	0	0	2	0	0.4
Caularthron bilamellatum	DPL		3	0	0	0	0	0.6
Caularthron bilamellatum	LIV		67	61	9	40	70	49.4
Cephalanthera exigua	DPL		0	0	0	0	1	0.2
Ceratostylis spp.	DPL		0	0	12	0	0	2.4
Ceratostylis spp.	LIV		4	1	0	0	0	1
Ceratostylis subulata	LIV		0	0	0	2	0	0.4
Chamaeangis spp.	LIV		0	0	7	0	10	3.4
Chaubardia heteroclita	LIV		0	0	15	0	0	3
Chondrorhyncha spp.	DPL		2	0	0	0	0	0.4
Chondrorhyncha spp.	LIV		1	0	0	6	0	1.4
Chondrorhyncha picta	DPL		1	0	0	0	0	0.2
Chondrorhyncha picta	LIV		2	0	0	0	0	0.4
Christensonia vietnamica	LIV		780	1060	0	50	39	385.8
Chysis spp.	LIV		400	200	950	500	0	410
Chysis aurea	LIV		50	0	4	0	0	10.8
Chysis bractescens	DPL		0	2	0	0	0	0.4
Chysis bractescens	LIV		500	312	1	32	504	269.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Cischweinfia spp.	LIV		0	0	0	2	0	0.4
Cleisomeria lanata	LIV		10	0	0	0	1	2.2
Cleisostoma spp.	LIV		0	1	0	0	30	6.2
Cleisostoma arietinum	LIV		0	50	0	0	25	15
Cleisostoma birmanicum	LIV		10	0	0	0	1	2.2
Cleisostoma filiforme	LIV		30	50	0	0	6	17.2
Cleisostoma flagelliforme	LIV		0	50	0	0	5	11
Cleisostoma inflatum	LIV		0	0	0	0	1	0.2
Cleisostoma tenuifolium	LIV		0	50	0	0	5	11
Clowesia spp.	LIV		0	0	4	0	0	0.8
Cochleanthes spp.	DPL		1	0	0	0	0	0.2
Cochleanthes spp.	LIV		0	7	0	2	0	1.8
Cochleanthes amazonica	LIV		6	0	1	0	0	1.4
Cochleanthes discolor	LIV		2	0	0	0	0	0.4
Cochleanthes flabelliformis	LIV		6	2	4	5	6	4.6
Cochleanthes guianensis	LIV		0	0	0	0	3	0.6
Cochlioda spp.	LIV		1	0	0	0	0	0.2
Cochlioda rosea	LIV		0	0	20	0	0	4
Codonorchis lessonii	DPL		0	0	4	0	0	0.8
Coelia triptera	LIV		0	1	0	0	0	0.2
Coelogyne spp.	LIV		783	130	111	200	70	258.8
Coelogyne assamica	LIV		20	50	0	0	6	15.2
Coelogyne filipeda	LIV		0	0	0	0	1	0.2
Coelogyne fimbriata	LIV		70	0	2	0	107	35.8
Coelogyne fragrans	DPL		0	0	0	1	0	0.2
Coelogyne kinabaluensis	LIV		0	3	0	0	0	0.6
Coelogyne lawrenceana	LIV		20	50	52	10	23	31
Coelogyne massangeana	LIV		15	0	6	0	4	5
Coelogyne mooreana	LIV		560	50	0	0	6	123.2
Coelogyne nitida	LIV		1	0	0	0	0	0.2
Coelogyne ovalis	LIV		15	0	0	10	0	5
Coelogyne pandurata	LIV		0	0	0	0	200	40
Coelogyne psestrantha	LIV		25	0	0	0	0	5
Coelogyne rigida	LIV		0	50	0	0	2	10.4
Coelogyne sanderae	LIV		20	150	0	0	3	34.6
Coelogyne sanderiana	LIV		5	0	0	0	0	1
Coelogyne tomentosa	LIV		0	0	0	0	20	4
Coelogyne virescens	LIV		25	50	0	10	27	22.4
Coelogyne viscosa	LIV		0	0	0	10	7	3.4
Compantia spp.	LIV		0	3	7	0	0	2
Compantia falcata	LIV		100	150	50	30	90	84
Compantia speciosa	LIV		0	0	2	0	0	0.4
Coryanthes spp.	LIV		201	30	0	15	0	49.2
Coryanthes alborosea	LIV		0	0	6	0	0	1.2
Coryanthes speciosa	LIV		76	40	71	35	103	65
Cranichis spp.	DPL		2	0	0	0	0	0.4
Cranichis muscosa	LIV		0	0	8	0	0	1.6
Cremastra variabilis	DER	kg	0	30	0	0	0	6
Cryptarrhena guatemalensis	DPL		1	0	0	0	0	0.2
Cryptopus spp.	LIV		0	0	4	0	0	0.8
Cryptopus paniculatus	LIV		2	0	0	0	0	0.4
Cryptopylos clausus	LIV		10	0	0	0	0	2
Cyclopogon spp.	DPL		8	0	0	0	0	1.6
Cycnoches spp.	LIV		335	180	100	4	0	123.8
Cycnoches cooperi	LIV		2	0	0	0	0	0.4
Cycnoches egertonianum	LIV		0	1	0	30	30	12.2
Cycnoches pentadactylon	LIV		10	0	6	0	0	3.2
Cycnoches peruvianum	LIV		10	0	0	0	0	2
Cycnoches ventricosum	LIV		0	4	0	0	0	0.8
Cycnoches warszewiczii	LIV		7	3	7	49	31	19.4
Cymbidiella spp.	LIV		0	0	6	0	2	1.6
Cymbidiella falcigera	LIV		5	4	0	0	2	2.2
Cymbidiella flabellata	LIV		30	35	0	0	1	13.2
Cymbidiella pardalina	LIV		11	22	4	0	3	8
Cymbidium spp.	LIV		42	20	100	0	250	82.4
Cymbidium aloifolium	LIV		10	0	0	30	0	8
Cymbidium x cooperi	LIV		20	0	0	0	4	4.8
Cymbidium dayanum	LIV		4	0	0	0	3	1.4
Cymbidium devonianum	LIV		10	20	3	0	2	7
Cymbidium eburneum	LIV		32	100	2	0	1	27
Cymbidium ensifolium	LIV		40	0	2	0	4	9.2
Cymbidium erythrostylum	LIV		220	340	105	0	4	133.8
Cymbidium faberi	LIV		20	0	0	0	0	4
Cymbidium finlaysonianum	LIV		0	0	1	0	0	0.2
Cymbidium goeringii	LIV		500	0	0	0	0	100
Cymbidium insigne	LIV		20	50	2	0	23	19
Cymbidium iridioides	LIV		20	0	4	0	2	5.2
Cymbidium kanran	LIV		720	50	52	0	3	165
Cymbidium lancifolium	LIV		20	0	3	0	2	5
Cymbidium munronianum	LIV		20	50	0	0	3	14.6
Cymbidium sinense	LIV		45	0	2	0	5	10.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Cynorkis spp.	DPL		25	0	0	10	0	7
Cynorkis spp.	LIV		31	12	51	5	21	24
Cynorkis gibbosa	LIV		5	5	3	3	19	7
Cynorkis uncinata	LIV		5	5	3	0	44	11.4
Cypripedium acaule	LIV		100	0	0	0	0	20
Cypripedium calceolus	DPL		0	1	0	0	0	0.2
Cypripedium calceolus	LIV		1000	0	0	0	2	200.4
Cypripedium parviflorum	LIV		1450	200	145	0	0	359
Cypripedium parviflorum var. pubescens	LIV		325	0	20	0	0	69
Cypripedium reginae	LIV		250	120	0	0	0	74
Cyrtorchilum spp.	DPL		0	0	1	0	0	0.2
Cyrtorchilum annulare	LIV		0	0	20	0	0	4
Cyrtorchilum macranthum	LIV		0	0	3	0	0	0.6
Cyrtorchilum meirax	LIV		16	0	0	0	0	3.2
Cyrtopodium spp.	LIV		357	0	200	0	0	111.4
Cyrtopodium punctatum	LIV		3	184	260	169	631	249.4
Cyrtorchis arcuata	LIV		0	0	1	0	0	0.2
Cyrtorchis praetermissa	LIV		0	0	1	0	0	0.2
Dactylorhiza fuchsii	LIV		5	0	0	0	0	1
Dactylorhiza incarnata	LIV		2	0	0	0	2	0.8
Dendrobium spp.	DER	kg	6	0	0	0	8	2.716
Dendrobium spp.	DER	SHP	0	1200	0	1	0	240.2
Dendrobium spp.	DPL		0	0	39	1	0	8
Dendrobium spp.	DPL	kg	25000	0	10000	0	8000	8600
Dendrobium spp.	EXT	kg	0	0	0.024	0	0	0.005
Dendrobium spp.	LIV		104	256	250	650	4290	1110
Dendrobium spp.	ROO	kg	0	0	10000	162000	0	34400
Dendrobium aduncum	LIV		500	2280	1500	0	100	876
Dendrobium aloefolium	LIV		0	0	0	0	2	0.4
Dendrobium amabile	LIV		105	3290	1841	0	0	1047.2
Dendrobium anosmum	LIV		1014	230	100	20	3	273.4
Dendrobium aphyllum	LIV		10	0	0	0	4	2.8
Dendrobium bellatulum	LIV		675	50	293	550	400	393.6
Dendrobium brymerianum	DPL	kg	0	0	0	1000	0	200
Dendrobium brymerianum	LIV		0	0	0	230	50	56
Dendrobium capillipes	LIV		0	1520	500	0	55	415
Dendrobium cariniferum	LIV		0	50	0	0	4	10.8
Dendrobium caryicola	LIV		20	0	0	0	0	4
Dendrobium cathcartii	LIV		0	0	1	0	0	0.2
Dendrobium chlorostylum	LIV		310	100	0	0	3	82.6
Dendrobium christyanum	LIV		0	0	0	0	270	54
Dendrobium chrysanthum	DER	kg	0	0	0	0	4.32	0.864
Dendrobium chrysanthum	LIV		310	360	90	0	50	162
Dendrobium chryseum	LIV		10	50	0	0	5	13
Dendrobium chrysotoxum	LIV		1	80	190	0	25	59.2
Dendrobium crepidatum	LIV		0	0	0	20	0	4
Dendrobium crumenatum	LIV		0	1	0	0	104	21
Dendrobium crystallinum	LIV		0	0	100	0	30	26
Dendrobium cuthbertsonii	LIV		0	0	0	10	0	2
Dendrobium dantaniense	LIV		0	50	0	0	0	10
Dendrobium delacourii	LIV		0	50	200	0	60	62
Dendrobium densiflorum	LIV		10	50	292	0	10	72.4
Dendrobium devonianum	LIV		0	50	0	0	0	10
Dendrobium dickasonii	LIV		0	50	3	0	5	11.6
Dendrobium draconis	LIV		10	1550	1500	0	200	652
Dendrobium exile	LIV		0	20	0	0	1	4.2
Dendrobium falconeri	LIV		0	0	0	2	0	0.4
Dendrobium farmeri	LIV		1020	50	301	0	9	276
Dendrobium fimbriatum	LIV		0	50	2	0	40	18.4
Dendrobium finetianum	LIV		0	0	2	3	23	5.6
Dendrobium formosum	LIV		210	2085	1500	0	100	779
Dendrobium friedericksianum	LIV		0	1	0	0	0	0.2
Dendrobium gibsonii	LIV		300	380	0	0	0	136
Dendrobium goldfinchii	LIV		0	0	0	43	0	8.6
Dendrobium gratiosissimum	LIV		0	50	3	0	30	16.6
Dendrobium hainanense	LIV		50	0	0	0	0	10
Dendrobium hancockii	LIV		100	50	0	0	3	30.6
Dendrobium harveyanum	LIV		0	1300	0	200	130	326
Dendrobium hemimelanoglossum	LIV		0	20	0	0	0	4
Dendrobium herbaceum	DPL	kg	0	0	0	11000	0	2200
Dendrobium herbaceum	ROO	kg	0	35000	0	0	0	7000
Dendrobium hercoglossum	LIV		0	50	100	0	103	50.6
Dendrobium infundibulum	LIV		0	50	91	0	301	88.4
Dendrobium involutum	LIV		0	0	0	2	0	0.4
Dendrobium kentrophyllum	LIV		0	20	0	0	20	8
Dendrobium langbianense	LIV		0	0	5	0	0	1
Dendrobium lindleyi	LIV		0	1	600	250	69	184
Dendrobium lomatochilum	LIV		0	20	0	0	0	4
Dendrobium longicornu	LIV		0	0	0	0	100	20
Dendrobium macranthum	LIV		0	0	0	18	0	3.6
Dendrobium macrophyllum	LIV		0	0	0	5	0	1

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Dendrobium macrophyllum var. macrophyllum	LIV		0	0	0	2	0	0.4
Dendrobium mohlianum	LIV		0	0	0	10	0	2
Dendrobium moniliforme	LIV		0	0	0	100	0	20
Dendrobium moschatum	LIV		30	0	0	0	0	6
Dendrobium nathanielis	LIV		0	0	0	0	20	4
Dendrobium ngoyense	LIV		0	0	2	1	0	0.6
Dendrobium nobile	DER		600	0	0	0	0	120
Dendrobium nobile	DER	kg	0	56	2999.700	6.150	0	612.37
Dendrobium nobile	DER	SHP	0	655	320	0	0	195
Dendrobium nobile	DPL	kg	67000	0	16500	22000	36000	28300
Dendrobium nobile	EXT	FLA	0	0	1	0	0	0.2
Dendrobium nobile	EXT	kg	0	0	0	0	1	0.2
Dendrobium nobile	LIV		1776	130	25	0	0	386.2
Dendrobium nobile	ROO	kg	0	23000	400000	13752	0	87350.4
Dendrobium nothofagicola	DPL		0	0	0	1	0	0.2
Dendrobium ochraceum	LIV		20	50	2	0	0	14.4
Dendrobium oligophyllum	LIV		0	0	0	0	51	10.2
Dendrobium palpebrae	LIV		0	0	0	0	50	10
Dendrobium parviflorum	LIV		0	30	0	0	0	6
Dendrobium parvum	LIV		0	20	0	0	0	4
Dendrobium parishii	LIV		0	0	0	0	50	10
Dendrobium pendulum	LIV		310	80	5	0	34	85.8
Dendrobium primulinum	LIV		0	50	200	0	50	60
Dendrobium pseudointricatum	LIV		0	0	0	0	20	4
Dendrobium pulchellum	LIV		0	0	0	0	21	4.2
Dendrobium revolutum	LIV		0	20	0	0	6	5.2
Dendrobium secundum	LIV		1500	1210	1500	0	7	843.4
Dendrobium spectabile	LIV		0	0	0	1145	0	229
Dendrobium subclausum var. phlox	LIV		3	0	0	0	0	0.6
Dendrobium sulcatum	LIV		0	50	2	0	80	26.4
Dendrobium terminale	LIV		1	0	0	0	0	0.2
Dendrobium thyrsoflorum	LIV		2710	735	307	0	60	762.4
Dendrobium torricellianum	DPL		0	0	0	1	0	0.2
Dendrobium tortile	LIV		20	30	0	20	0	14
Dendrobium unicum	LIV		0	0	0	350	350	140
Dendrobium vagans	LIV		0	0	0	9	0	1.8
Dendrobium virgineum	LIV		0	0	0	0	20	4
Dendrobium wardianum	LIV		0	0	190	150	180	104
Dendrobium wattii	LIV		0	0	0	0	200	40
Dendrobium williamsonii	LIV		0	0	100	0	30	26
Dendrochilum spp.	LIV		2	0	0	0	0	0.4
Dendrophylax fawcettii	LIV		1	0	0	0	0	0.2
Dendrophylax funalis	LIV		28	0	0	0	8	7.2
Dendrophylax varius	DPL		1	0	0	0	0	0.2
Dichaea spp.	DPL		6	0	7	0	0	2.6
Dichaea spp.	LIV		19	13	4	0	0	7.2
Dichaea brachypoda	LIV		4	1	0	0	0	1
Dichaea glauca	DPL		2	0	0	0	0	0.4
Dichaea glauca	LIV		2	3	0	0	50	11
Dichaea hystricina	DPL		1	0	0	0	0	0.2
Dichaea hystricina	LIV		0	3	0	0	0	0.6
Dichaea morrisii	LIV		1	0	0	0	0	0.2
Dichaea muricatoides	LIV		0	1	0	0	30	6.2
Dichaea panamensis	LIV		4	0	0	0	0	0.8
Dichaea trulla	LIV		2	0	0	0	1	0.6
Dilomilis oligophylla	DPL		1	0	0	0	0	0.2
Dimerandra spp.	LIV		1	0	0	0	0	0.2
Dimerandra emarginata	LIV		69	37	107	76	104	78.6
Dinema polybulbon	LIV		0	24	0	0	118	28.4
Diplocaulobium spp.	LIV		0	0	0	62	0	12.4
Dipodium paludosum	LIV		15	0	0	0	4	3.8
Dipodium pictum	DPL		0	0	0	1	0	0.2
Disa spp.	LIV		0	0	10	1	0	2.2
Disa aconitoides ssp. goetzeana	LIV		0	0	0	2	0	0.4
Disa alticola	LIV		0	0	0	1	0	0.2
Disa andringitrana	LIV		0	10	0	0	0	2
Disa atricapilla	LIV		0	0	0	2	0	0.4
Disa aurata	LIV		0	0	0	1	0	0.2
Disa barbata	LIV		0	0	0	1	0	0.2
Disa bolusiana	LIV		0	0	0	1	0	0.2
Disa bracteata	LIV		0	0	0	2	0	0.4
Disa brevicornis	LIV		0	0	0	3	0	0.6
Disa buchenaviana	LIV		0	1	0	2	0	0.6
Disa cardinalis	LIV		0	0	0	1	0	0.2
Disa caulescens	LIV		0	0	0	1	0	0.2
Disa cephalotes	LIV		0	0	0	3	0	0.6
Disa chrysostachya	LIV		0	0	0	1	0	0.2
Disa comosa	LIV		0	0	0	2	0	0.4
Disa conferta	LIV		0	0	0	1	0	0.2
Disa cooperi	LIV		0	0	0	1	0	0.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
<i>Disa cornuta</i>	LIV		0	0	0	3	0	0.6
<i>Disa crassicornis</i>	LIV		0	0	0	1	0	0.2
<i>Disa cylindrica</i>	LIV		0	0	0	3	0	0.6
<i>Disa draconis</i>	LIV		0	0	0	2	0	0.4
<i>Disa elegans</i>	LIV		0	0	0	1	0	0.2
<i>Disa erubescens</i>	LIV		0	0	0	1	0	0.2
<i>Disa ferruginea</i>	LIV		0	0	0	2	0	0.4
<i>Disa graminifolia</i>	LIV		0	0	0	2	0	0.4
<i>Disa hallackii</i>	LIV		0	0	0	3	0	0.6
<i>Disa harveyana</i>	LIV		0	0	0	2	0	0.4
<i>Disa incarnata</i>	LIV		5	1	0	1	0	1.4
<i>Disa maculata</i>	LIV		0	0	0	1	0	0.2
<i>Disa nivea</i>	LIV		0	0	0	1	0	0.2
<i>Disa ophrydea</i>	LIV		0	0	0	1	0	0.2
<i>Disa oreophila</i>	LIV		0	0	0	2	0	0.4
<i>Disa patula</i>	LIV		0	0	0	2	0	0.4
<i>Disa pulchra</i>	LIV		0	0	0	1	0	0.2
<i>Disa purpurascens</i>	LIV		0	0	0	2	0	0.4
<i>Disa pygmaea</i>	LIV		0	0	0	1	0	0.2
<i>Disa reticulata</i>	LIV		0	0	0	1	0	0.2
<i>Disa rhodantha</i>	LIV		0	0	0	1	0	0.2
<i>Disa robusta</i>	LIV		0	0	0	1	0	0.2
<i>Disa rufescens</i>	LIV		0	0	0	1	0	0.2
<i>Disa sagittalis</i>	LIV		0	0	0	2	0	0.4
<i>Disa saxicola</i>	LIV		0	0	0	1	0	0.2
<i>Disa spatulata</i>	LIV		0	0	0	1	0	0.2
<i>Disa telipogonis</i>	LIV		0	0	0	2	0	0.4
<i>Disa tenella</i>	LIV		0	0	0	1	0	0.2
<i>Disa tenuifolia</i>	LIV		0	0	0	2	0	0.4
<i>Disa tripetaloides</i>	LIV		0	0	0	1	0	0.2
<i>Disa tysonii</i>	LIV		0	0	0	1	0	0.2
<i>Disa vaginata</i>	LIV		0	0	0	1	0	0.2
<i>Disa versicolor</i>	LIV		0	0	0	4	0	0.8
<i>Disperis</i> spp.	LIV		0	2	0	2	0	0.8
<i>Domingoa nodosa</i>	DPL		3	0	0	0	0	0.6
<i>Domingoa nodosa</i>	LIV		4	0	0	0	0	0.8
<i>Dracula</i> spp.	DPL		2	0	0	0	0	0.4
<i>Dracula</i> spp.	LIV		32	0	0	4	0	7.2
<i>Dracula astuta</i>	LIV		6	0	0	0	0	1.2
<i>Dracula hirtzii</i>	LIV		6	0	0	0	0	1.2
<i>Dracula nycterina</i>	LIV		4	0	0	0	0	0.8
<i>Dracula polyphemus</i>	LIV		6	0	0	0	0	1.2
<i>Dracula simia</i>	LIV		3	0	0	0	0	0.6
<i>Dracula tubeana</i>	LIV		3	0	0	0	0	0.6
<i>Dracula vampira</i>	LIV		12	0	0	0	0	2.4
<i>Dracula vespertilio</i>	LIV		6	0	0	0	0	1.2
<i>Dresslerella hispida</i>	DPL		1	0	0	0	0	0.2
<i>Dressleria</i> spp.	LIV		0	0	4	4	0	1.6
<i>Dressleria dilecta</i>	LIV		0	0	0	1	0	0.2
<i>Dryadella</i> spp.	LIV		0	0	0	14	0	2.8
<i>Elleanthus</i> spp.	DPL		19	0	61	0	0	16
<i>Elleanthus</i> spp.	LIV		1	0	0	2	0	0.6
<i>Elleanthus capitatus</i>	LIV		3	2	0	0	0	1
<i>Elleanthus caravata</i>	LIV		0	0	0	0	1	0.2
<i>Elleanthus cordidactylus</i>	DPL		1	0	0	0	0	0.2
<i>Elleanthus hymenophorus</i>	DPL		1	0	0	0	0	0.2
<i>Elleanthus longibracteatus</i>	LIV		5	0	0	0	0	1
<i>Elleanthus tricallosus</i>	DPL		1	0	0	0	0	0.2
<i>Encyclia</i> spp.	DPL		0	0	2	0	0	0.4
<i>Encyclia</i> spp.	LIV		369	53	818	10	180	286
<i>Encyclia adenocarpa</i>	LIV		0	1	9	30	0	8
<i>Encyclia alata</i>	LIV		35	419	170	248	578	290
<i>Encyclia allemanii</i>	LIV		1	0	0	0	0	0.2
<i>Encyclia amanda</i>	LIV		95	73	513	125	339	229
<i>Encyclia ambigua</i>	LIV		0	0	0	70	0	14
<i>Encyclia baculus</i>	DPL		0	2	0	0	0	0.4
<i>Encyclia baculus</i>	LIV		7	3	2	0	0	2.4
<i>Encyclia bennettii</i>	LIV		0	0	4	0	0	0.8
<i>Encyclia boothiana</i>	LIV		367	750	201	50	195	312.6
<i>Encyclia boothiana</i> ssp. <i>boothiana</i>	LIV		21	21	26	50	69	37.4
<i>Encyclia bractescens</i>	LIV		1265	1067	779	695	941	949.4
<i>Encyclia brassavolae</i>	LIV		2	5	0	0	0	1.4
<i>Encyclia ceratistes</i>	LIV		0	0	0	0	100	20
<i>Encyclia chacaoensis</i>	LIV		4	2	0	30	50	17.2
<i>Encyclia chapadensis</i>	LIV		4	0	0	0	0	0.8
<i>Encyclia cochleata</i>	DPL		1	0	0	0	0	0.2
<i>Encyclia cochleata</i>	LIV		121	65	4	0	5	39
<i>Encyclia cordigera</i>	LIV		2	100	0	0	60	32.4
<i>Encyclia distantiflora</i>	LIV		9	101	0	30	50	38
<i>Encyclia fragrans</i>	LIV		150	580	0	34	25	157.8
<i>Encyclia glauca</i>	LIV		0	500	0	0	0	100

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Encyclia granitica	LIV		0	0	0	0	3	0.6
Encyclia guatemalensis	LIV		82	16	104	70	472	148.8
Encyclia michuacana	LIV		60	0	55	53	139	61.4
Encyclia microtos	LIV		0	0	10	0	0	2
Encyclia ochracea	LIV		4	4	0	0	0	1.6
Encyclia pygmaea	DPL		3	0	1	0	0	0.8
Encyclia pygmaea	LIV		3	12	7	0	30	10.4
Encyclia radiata	LIV		293	374	1200	307	1229	680.6
Encyclia randii	LIV		4	0	0	0	0	0.8
Encyclia tampensis	LIV		0	0	0	0	73	14.6
Encyclia vespa	DPL		12	0	0	0	0	2.4
Encyclia vespa	LIV		6	0	0	0	0	1.2
Encyclia viridiflora	LIV		5	0	0	0	0	1
Epiblastus spp.	DPL		0	0	23	0	0	4.6
Epidanthus paranthicus	LIV		1	2	0	0	0	0.6
Epidendrum spp.	DPL		81	2	60	0	0	28.6
Epidendrum spp.	LIV		230	63	20	0	1	62.8
Epidendrum acunae	LIV		0	0	0	0	30	6
Epidendrum angustifolium	LIV		0	0	18	0	0	3.6
Epidendrum anoglossoides	DPL		1	0	0	0	0	0.2
Epidendrum baumannianum	LIV		0	0	0	0	50	10
Epidendrum carpophorum	DPL		1	0	0	0	0	0.2
Epidendrum carpophorum	LIV		0	0	4	0	0	0.8
Epidendrum christyanum	LIV		0	0	1	0	0	0.2
Epidendrum ciliare	LIV		4	200	160	682	660	341.2
Epidendrum clowesii	LIV		30	0	0	0	30	12
Epidendrum corifolium	LIV		1	0	0	0	0	0.2
Epidendrum cristatum	LIV		0	0	2	30	30	12.4
Epidendrum cusii	LIV		0	0	0	0	30	6
Epidendrum diffusum	DPL		0	2	0	0	0	0.4
Epidendrum diffusum	LIV		94	4	6	0	100	40.8
Epidendrum firmum	DPL		1	0	0	0	0	0.2
Epidendrum hiorami	DPL		6	0	0	0	0	1.2
Epidendrum imatophyllum	LIV		45	13	27	80	9	34.8
Epidendrum isomerum	LIV		0	2	0	0	0	0.4
Epidendrum jamaicense	LIV		0	1	0	0	0	0.2
Epidendrum lacustre	LIV		2	0	0	0	0	0.4
Epidendrum lanipes	LIV		0	0	10	0	0	2
Epidendrum macrocarpum	LIV		4	0	0	0	0	0.8
Epidendrum macroclinium	LIV		0	3	0	0	0	0.6
Epidendrum nitens	LIV		0	20	11	20	14	13
Epidendrum nocturnum	DPL		2	0	0	0	0	0.4
Epidendrum nocturnum	LIV		123	58	66	100	153	100
Epidendrum nutans	LIV		1	0	0	4	3	1.6
Epidendrum paniculatum	LIV		2	2	0	0	30	6.8
Epidendrum paranaense	DPL		5	0	0	0	0	1
Epidendrum parkinsonianum	LIV		2	4	0	0	0	1.2
Epidendrum polyanthum	LIV		0	0	0	0	80	16
Epidendrum radicans	LIV		2	3	0	0	0	1
Epidendrum ramosum	DPL		2	0	0	0	0	0.4
Epidendrum ramosum	LIV		11	0	5	0	0	3.2
Epidendrum repens	DPL		5	0	0	0	0	1
Epidendrum rigidum	DPL		1	0	0	0	0	0.2
Epidendrum rigidum	LIV		40	33	1	40	29	28.6
Epidendrum rivulare	DPL		1	0	0	0	0	0.2
Epidendrum sancti-ramoni	LIV		2	0	0	0	0	0.4
Epidendrum scriptum	LIV		0	0	0	0	55	11
Epidendrum secundum	DPL		1	0	0	0	0	0.2
Epidendrum secundum	LIV		15	42	25	3	5	18
Epidendrum stamfordianum	LIV		2145	453	750	302	604	850.8
Epidendrum strobiliferum	LIV		0	13	14	0	19	9.2
Epidendrum tomlinsonianum	LIV		2	0	0	0	0	0.4
Epigeneium spp.	LIV		200	0	0	100	0	60
Epigeneium amplum	LIV		0	0	0	0	5	1
Epigeneium chapaense	LIV		1	0	0	0	4	1
Epipactis atrorubens	LIV		2	0	0	0	0	0.4
Epistephium spp.	LIV		1	0	0	0	0	0.2
Eria spp.	DPL		0	0	16	2	0	3.6
Eria spp.	LIV		59	3	0	100	30	38.4
Eria albidotomentosa	LIV		20	0	0	0	1	4.2
Eria biflora	LIV		10	0	0	0	0	2
Eria dacrydium	LIV		15	0	0	0	2	3.4
Eria flava	EXT	kg	0	0	0.019	0	0	0.004
Eria floribunda	LIV		10	0	0	0	4	2.8
Eria globifera	LIV		0	0	0	0	1	0.2
Eria muscicola	LIV		1	0	0	0	0	0.2
Eria pannea	LIV		15	0	0	0	1	3.2
Eria pubescens	EXT	kg	0	0	0.019	0	0	0.004
Eria spicata	LIV		25	0	0	0	0	5
Eria stricta	LIV		0	0	0	0	2	0.4
Eria thao	LIV		0	0	0	0	4	0.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Eriopsis biloba	LIV		2	0	0	0	45	9.4
Erythrodes plantaginea	DPL		2	0	0	0	0	0.4
Eulophia spp.	DPL		0	0	0	0	3	0.6
Eulophia spp.	LIV		6	20	14	9	13	12.4
Eulophia flava	LIV		0	0	2	0	4	1.2
Eulophia spectabilis	LIV		20	0	1	0	4	5
Eulophiella spp.	LIV		5	1	5	0	0	2.2
Eulophiella elisabethae	LIV		7	13	2	0	6	5.6
Eulophiella roempleriana	LIV		1	2	2	0	6	2.2
Eurystyles ananassocomos	LIV		0	5	0	0	0	1
Fernandezia spp.	DPL		0	0	1	0	0	0.2
Fernandezia spp.	LIV		0	0	0	1	0	0.2
Flickingeria angulata	LIV		0	20	0	0	1	4.2
Flickingeria fimbriata	LIV		0	0	0	10	0	2
Flickingeria macraei	LIV		0	20	0	0	0	4
Galeandra spp.	LIV		200	0	650	0	0	170
Galeandra batemanii	LIV		118	130	104	150	219	144.2
Galeandra baueri	LIV		305	0	0	0	0	61
Galeola spp.	EXT	kg	0	0	0	0.03	0	0.006
Galeottia spp.	LIV		0	0	4	0	0	0.8
Galeottia acuminata	LIV		0	0	1	0	0	0.2
Galeottia grandiflora	LIV		0	1	0	0	90	18.2
Gastrochilus calceolaris	LIV		20	30	0	0	0	10
Gastrochilus obliquus	LIV		25	30	0	0	1	11.2
Gastrodia spp.	LIV		0	0	0	0	1	0.2
Gastrodia spp.	ROO	kg	100	0	0	0	0	20
Gastrodia elata	DER	kg	468.903	162	0	0	0	126.181
Gastrodia elata	ROO	kg	0	600	5000	0	0	1120
Gastrorchis spp.	DPL		5	0	0	2	0	1.4
Gastrorchis spp.	LIV		7	6	63	0	80	31.2
Gastrorchis humblotii	LIV		433	24	5	2	8	94.4
Gastrorchis humblotii var. schlechteri	LIV		0	0	2	0	0	0.4
Gastrorchis pulchra	LIV		0	0	1	0	0	0.2
Gastrorchis tuberculosa	LIV		10	12	5	0	11	7.6
Glomera spp.	LIV		0	6	0	0	0	1.2
Gomesa planifolia	LIV		1	0	0	0	0	0.2
Gongora spp.	LIV		151	10	1152	72	0	277
Gongora armeniaca	LIV		0	0	3	0	0	0.6
Gongora cassidea	LIV		4	31	30	40	0	21
Gongora fulva	LIV		0	0	4	0	0	0.8
Gongora maculata	LIV		0	0	0	0	100	20
Gongora quinquenervis	LIV		17	19	24	8	76	28.8
Gongora sanderiana	LIV		5	0	0	0	0	1
Gongora scaphephorus	LIV		8	1	0	0	0	1.8
Gongora truncata	DPL		0	2	0	0	0	0.4
Gongora truncata	LIV		0	0	0	0	30	6
Gongora unicolor	DPL		0	2	0	0	0	0.4
Gongora unicolor	LIV		100	0	0	0	200	60
Goodyera spp.	DPL		27	0	0	0	0	5.4
Goodyera spp.	LIV		0	0	10	0	0	2
Goodyera rubicunda	DPL		2	0	0	0	0	0.4
Grammangis spp.	LIV		12	0	2	1	3	3.6
Grammangis ellisii	LIV		14	4	5	0	2	5
Grammangis fallax	LIV		0	3	0	0	2	1
Grammangis spectabilis	LIV		0	0	1	0	3	0.8
Grammatophyllum spp.	DPL		0	0	9	0	0	1.8
Grammatophyllum speciosum	LIV		0	0	0	0	400	80
Gymnadenia conopsea	DER	SHP	0	180	0	0	1050	246
Gymnadenia conopsea	LIV		0	0	0	0	1	0.2
Habenaria spp.	DPL		10	0	1	0	5	3.2
Habenaria spp.	LIV		15	4	5	500	2	105.2
Habenaria mandersii	DPL		0	0	0	0	1	0.2
Habenaria monorrhiza	DPL		1	0	0	0	0	0.2
Habenaria quinqueseta	LIV		0	0	3	0	0	0.6
Habenaria rhodocheila	LIV		0	20	0	3500	451	794.2
Habenaria richardiana	DPL		0	0	0	0	1	0.2
Harrisella porrecta	LIV		0	17	0	0	0	3.4
Hexadesmia micrantha	LIV		2	0	0	0	0	0.4
Hexisea spp.	LIV		94	0	0	0	0	18.8
Hexisea bidentata	LIV		2	0	0	0	0	0.4
Hexisea imbricata	LIV		0	0	2	0	0	0.4
Holcoglossum spp.	LIV		3	0	0	0	0	0.6
Holcoglossum subulifolium	LIV		10	0	0	0	6	3.2
Homalopetalum pumilio	LIV		4	2	0	0	0	1.2
Houletia spp.	LIV		0	0	4	0	0	0.8
Houletia tigrina	LIV		0	0	0	2	0	0.4
Huntleya spp.	DPL		0	0	2	0	0	0.4
Huntleya spp.	LIV		0	0	0	2	0	0.4
Huntleya fasciata	LIV		0	0	0	0	30	6
Huntleya meleagris	LIV		2	0	0	0	0	0.4
Hygrochilus parishii	LIV		0	20	0	0	17	7.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Ionopsis spp.	DPL		0	2	0	0	0	0.4
Ionopsis spp.	LIV		0	4	0	0	0	0.8
Ionopsis satyrioides	LIV		6	8	16	0	201	46.2
Ionopsis utricularioides	LIV		76	74	40	0	25	43
Isochilus spp.	LIV		67	7	6	0	0	16
Isochilus carnosiflorus	LIV		13	1	0	25	50	17.8
Isochilus linearis	DPL		5	0	0	0	0	1
Isochilus linearis	LIV		5	8	24	6	16	11.8
Jacquiella spp.	DPL		1	0	0	0	0	0.2
Jacquiella spp.	LIV		28	28	2	0	0	11.6
Jacquiella equitantifolia	LIV		0	0	0	0	30	6
Jacquiella globosa	DPL		3	0	2	0	0	1
Jacquiella globosa	LIV		0	0	1	0	0	0.2
Jacquiella teretifolia	DPL		1	0	0	0	0	0.2
Jacquiella teretifolia	LIV		7	0	0	0	0	1.4
Jumellea spp.	DPL		10	0	0	5	8	4.6
Jumellea spp.	LIV		45	5	30	0	4	16.8
Jumellea ambrensis	LIV		0	30	0	0	0	6
Jumellea angustifolia	LIV		2	1	0	15	3	4.2
Jumellea arborescens	LIV		0	0	0	2	0	0.4
Jumellea brachycentra	LIV		2	0	0	0	0	0.4
Jumellea confusa	LIV		0	0	0	0	1	0.2
Jumellea gracilipes	LIV		21	0	0	1	0	4.4
Jumellea henryi	LIV		8	2	0	0	3	2.6
Jumellea ibityana	LIV		11	6	3	10	11	8.2
Jumellea major	LIV		17	7	1	0	6	6.2
Jumellea maxillarioides	LIV		2	5	0	0	7	2.8
Jumellea pandurata	LIV		15	6	0	0	5	5.2
Jumellea punctata	LIV		33	5	3	0	5	9.2
Jumellea rigida	LIV		3	5	0	0	4	2.4
Jumellea sagittata	LIV		0	5	0	0	0	1
Jumellea teretifolia	LIV		5	8	3	0	6	4.4
Kalopternix sophronites	LIV		0	0	1	0	0	0.2
Kefersteinia spp.	LIV		0	0	0	6	0	1.2
Kefersteinia bertoldii	LIV		0	0	20	0	0	4
Kegeliella spp.	LIV		4	1	0	2	0	1.4
Kingidium chibae	LIV		15	60	0	0	0	15
Kingidium decumbens	LIV		0	10	0	10	29	9.8
Koellensteinia tricolor	LIV		0	0	0	0	90	18
Lacaena spp.	LIV		9	9	0	0	0	3.6
Lacaena bicolor	LIV		0	2	0	0	105	21.4
Laelia spp.	LIV		0	0	16	0	1	3.4
Laelia anceps	LIV		5	0	0	0	0	1
Laelia lundii	LIV		1	0	0	0	0	0.2
Laelia purpurata	LIV		0	0	0	0	20	4
Laeliopsis domingensis	DPL		8	0	0	0	0	1.6
Laeliopsis domingensis	LIV		5	0	0	0	0	1
Lemboglossum spp.	LIV		1	0	8	0	0	1.8
Lemurella culicifera	LIV		0	0	0	1	0	0.2
Lemurorchis madagascariensis	LIV		1	0	0	0	0	0.2
Leochilus spp.	LIV		0	0	4	0	0	0.8
Leochilus labiatus	DPL		1	0	0	0	0	0.2
Leochilus labiatus	LIV		3	14	5	0	0	4.4
Leochilus scriptus	LIV		2	5	0	0	0	1.4
Lepanthes spp.	DPL		67	0	54	0	0	24.2
Lepanthes spp.	LIV		3	52	200	18	30	60.6
Lepanthes acuminata	LIV		0	4	3	0	60	13.4
Lepanthes disticha	LIV		0	0	5	0	0	1
Lepanthes divaricata	LIV		0	3	0	0	0	0.6
Lepanthes guatemalensis	LIV		15	0	0	0	0	3
Lepanthes helleri	LIV		1	0	0	0	0	0.2
Lepanthes intermedia	LIV		2	0	0	0	0	0.4
Lepanthes johnsonii	LIV		0	4	0	0	0	0.8
Lepanthes multiflora	LIV		52	0	0	0	0	10.4
Lepanthes obtusa	LIV		18	0	5	0	0	4.6
Lepanthes ovalis	LIV		0	0	6	0	0	1.2
Lepanthes palpebralis	DPL		1	0	0	0	0	0.2
Lepanthes stenophylla	LIV		0	4	0	0	0	0.8
Lepanthopsis spp.	LIV		0	1	0	1	0	0.4
Liparis spp.	DPL		3	0	0	0	0	0.6
Liparis spp.	LIV		803	105	0	5	1	182.8
Liparis anthericoides	LIV		0	1	0	0	0	0.2
Liparis compressa	LIV		0	0	0	7	0	1.4
Liparis layardii	LIV		0	0	2	2	0	0.8
Liparis loeselii	LIV		0	12	0	0	0	2.4
Liparis nervosa	LIV		44	0	0	0	0	8.8
Listera latilabre	LIV		0	0	0	0	7	1.4
Lockhartia spp.	DPL		1	0	0	0	0	0.2
Lockhartia spp.	LIV		5	2	0	0	0	1.4
Lockhartia amoena	DPL		3	0	0	0	0	0.6
Lockhartia amoena	LIV		2	0	0	0	0	0.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Lockhartia biserra	LIV		0	0	0	0	3	0.6
Lockhartia hercodonta	LIV		0	3	3	0	0	1.2
Lockhartia lunifera	LIV		3	0	0	0	0	0.6
Lockhartia oerstedii	LIV		2	0	0	0	0	0.4
Lockhartia pittieri	LIV		0	0	0	0	30	6
Ludisia discolor	LIV		10	0	0	0	0	2
Luisia tristis	LIV		0	20	0	0	1	4.2
Luisia zollingeri	LIV		0	20	0	0	2	4.4
Lycaste spp.	LIV		491	100	16	0	0	121.4
Lycaste aromatica	LIV		510	57	250	129	417	272.6
Lycaste barringtoniae	DPL		2	0	0	0	0	0.4
Lycaste barringtoniae	LIV		6	0	4	0	2	2.4
Lycaste brevispatha	LIV		2	0	0	0	0	0.4
Lycaste ciliata	LIV		0	1	20	0	0	4.2
Lycaste cochleata	LIV		6	1	0	0	120	25.4
Lycaste cruenta	LIV		0	30	50	0	30	22
Lycaste dyeriana	LIV		0	0	1	0	0	0.2
Lycaste leucantha	LIV		0	0	0	0	60	12
Lycaste macrophylla	LIV		0	2	0	0	0	0.4
Lycaste tricolor	LIV		2	0	0	0	0	0.4
Macodes spp.	DPL		0	0	14	0	0	2.8
Macradenia brassavolae	LIV		231	0	80	60	20	78.2
Macradenia lutescens	LIV		10	0	7	0	0	3.4
Malaxis spp.	DPL		3	0	0	0	0	0.6
Malaxis spp.	LIV		30	30	3	0	0	12.6
Malaxis histionantha	LIV		0	50	0	0	0	10
Malaxis latifolia	LIV		0	0	0	0	2	0.4
Malaxis octodentata	LIV		0	0	0	0	3	0.6
Masdevallia spp.	DPL		0	0	27	0	0	5.4
Masdevallia spp.	LIV		910	300	556	212	0	395.6
Masdevallia attenuata	LIV		2	0	0	0	0	0.4
Masdevallia cardiantha	LIV		0	0	5	0	0	1
Masdevallia chaparensis	LIV		2	0	0	0	0	0.4
Masdevallia chontalensis	LIV		2	0	0	0	0	0.4
Masdevallia coccinea	LIV		30	0	0	0	0	6
Masdevallia floribunda	LIV		300	250	0	0	120	134
Masdevallia mezae	LIV		0	0	20	0	0	4
Masdevallia minuta	LIV		0	0	0	0	3	0.6
Masdevallia picturata	LIV		2	0	0	0	0	0.4
Masdevallia polysticta	LIV		0	0	6	0	0	1.2
Masdevallia rigens	LIV		0	0	6	0	0	1.2
Masdevallia tubuliflora	LIV		0	4	0	0	0	0.8
Masdevallia veitchiana	LIV		5	0	0	0	0	1
Masdevallia weberbaueri	LIV		0	1	0	0	0	0.2
Maxillaria spp.	DPL		73	0	101	0	0	34.8
Maxillaria spp.	LIV		359	49	23	1	9	88.2
Maxillaria acutifolia	LIV		0	0	0	0	1	0.2
Maxillaria alba	LIV		5	4	1	0	50	12
Maxillaria amparoana	LIV		5	19	2	0	0	5.2
Maxillaria brachybulbon	LIV		2	0	0	0	0	0.4
Maxillaria bracteata	LIV		2	0	0	0	0	0.4
Maxillaria brunnea	LIV		2	0	0	25	0	5.4
Maxillaria coccinea	DPL		2	0	0	0	0	0.4
Maxillaria coccinea	LIV		2	0	0	0	0	0.4
Maxillaria conferta	DPL		4	0	0	0	0	0.8
Maxillaria conferta	LIV		11	1	5	0	30	9.4
Maxillaria crassifolia	DPL		2	0	0	0	0	0.4
Maxillaria crassifolia	LIV		29	2	16	18	11	15.2
Maxillaria dendrobioides	LIV		2	0	0	0	0	0.4
Maxillaria densa	LIV		625	5	2	0	25	131.4
Maxillaria elatior	LIV		25	0	0	0	0	5
Maxillaria friedrichsthali	LIV		13	23	17	20	16	17.8
Maxillaria grandis	LIV		7	0	15	0	0	4.4
Maxillaria hematoglossa	LIV		0	2	5	0	0	1.4
Maxillaria infausta	LIV		0	0	2	0	0	0.4
Maxillaria luteo-alba	LIV		0	0	12	0	0	2.4
Maxillaria miniata	LIV		5	0	0	0	0	1
Maxillaria neglecta	LIV		0	0	2	0	0	0.4
Maxillaria palmifolia	LIV		0	2	0	0	0	0.4
Maxillaria parviflora	DPL		4	0	0	0	0	0.8
Maxillaria picta	LIV		1	0	0	0	0	0.2
Maxillaria pulchra	LIV		0	0	16	0	0	3.2
Maxillaria reichenheimiana	LIV		0	0	2	0	0	0.4
Maxillaria ringens	LIV		30	0	0	0	0	6
Maxillaria rodrigueziana	LIV		2	0	0	0	0	0.4
Maxillaria rufescens	DPL		0	2	0	0	0	0.4
Maxillaria rufescens	LIV		0	50	0	0	2	10.4
Maxillaria setigera	LIV		0	0	15	0	0	3
Maxillaria splendens	LIV		1	0	0	0	0	0.2
Maxillaria tenuifolia	LIV		567	405	188	320	446	385.2
Maxillaria uncatata	DPL		0	0	2	0	0	0.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Maxillaria uncata	LIV		9	23	34	20	30	23.2
Maxillaria variabilis	DPL		0	4	0	0	0	0.8
Maxillaria variabilis	LIV		39	7	44	20	30	28
Mediocalcar spp.	DPL		0	0	38	0	0	7.6
Mediocalcar spp.	LIV		18	1	0	0	0	3.8
Megastylis spp.	LIV		0	0	0	2	0	0.4
Megastylis latissima	LIV		0	0	3	0	0	0.6
Megastylis rara	LIV		0	0	2	0	0	0.4
Mesadenella petenensis	DPL		0	4	0	0	0	0.8
Microcoelia gilpiniae	LIV		0	0	1	0	0	0.2
Microcoelia macrantha	LIV		2	1	1	0	3	1.4
Micropera pallida	LIV		10	0	0	0	1	2.2
Microtorchis spp.	LIV		0	1	0	0	0	0.2
Miltonia spectabilis	LIV		0	0	0	1	0	0.2
Miltonioides spp.	LIV		0	2	0	0	0	0.4
Miltoniopsis spp.	LIV		0	0	0	1	0	0.2
Miltoniopsis phalaenopsis	LIV		0	0	20	0	0	4
Miltoniopsis roezlii	LIV		2	1	2	0	0	1
Mischobulbum cordifolium	LIV		35	0	0	0	3	7.6
Mormodes spp.	LIV		130	51	12	6	30	45.8
Mormodes buccinator	LIV		1	0	0	0	0	0.2
Mormodes colossa	DPL		1	0	0	0	0	0.2
Mormodes horichii	LIV		0	0	3	0	0	0.6
Mormodes lobulata	LIV		2	0	0	0	0	0.4
Mormodes revoluta	LIV		15	0	5	0	0	4
Mormodes rolfeana	LIV		10	0	0	0	0	2
Mormodes vinacea	LIV		2	0	0	0	0	0.4
Mormolyca ringens	LIV		9	12	50	0	0	14.2
Myoxanthus spp.	DPL		1	0	0	0	0	0.2
Myoxanthus spp.	LIV		2	0	0	4	0	1.2
Myrmecophila brysiana	LIV		0	0	0	30	110	28
Myrmecophila tibicinis	LIV		1039	758	91	650	1358	779.2
Myrmecophila wendlandii	LIV		0	0	0	0	10	2
Nanodes discolor	LIV		2	2	1	0	0	1
Nanodes porpax	LIV		2	8	0	0	0	2
Neobathiea spp.	LIV		10	5	1	0	5	4.2
Neobathiea filicornu	LIV		54	23	1	3	9	18
Neobathiea hirtula	LIV		0	1	0	0	0	0.2
Neobathiea perrieri	LIV		5	6	0	0	3	2.8
Neocogniauxia spp.	DPL		1	0	0	0	0	0.2
Neofinetia spp.	LIV		4	4	0	0	0	1.6
Neolehmannia barbeyana	LIV		2	0	0	0	0	0.4
Neolehmannia difformis	DPL		9	0	0	0	0	1.8
Neolehmannia difformis	LIV		92	51	4	2	241	78
Neolehmannia microcattleya	LIV		0	0	1	0	0	0.2
Neotinea tridentata	LIV		2	0	0	0	0	0.4
Neotinea ustulata	LIV		0	0	0	0	1	0.2
Nephelaphyllum pulchrum	LIV		0	20	0	0	7	5.4
Nephelaphyllum tenuiflorum	LIV		0	20	0	11	4	7
Nervilia spp.	EXT	kg	0	0	0	0.03	0	0.006
Nervilia spp.	LIV		0	15	6	6	0	5.4
Nervilia fordii	DER	kg	0	0	0	200	0	40
Nervilia fordii	ROO	kg	0	0	0	100	0	20
Nidema spp.	LIV		0	0	30	0	0	6
Nidema boothii	LIV		7	175	110	30	48	74
Nidema ottonis	LIV		10	0	0	0	0	2
Notylia spp.	LIV		0	101	200	2	0	60.6
Notylia barkeri	LIV		681	368	285	50	195	315.8
Notylia bicolor	LIV		116	0	0	0	0	23.2
Notylia trisejala	LIV		0	0	0	40	0	8
Notylia wulfschlaegeliana	LIV		0	0	0	30	0	6
Oberonia spp.	DPL		0	0	7	0	0	1.4
Oberonia spp.	LIV		226	0	0	100	0	65.2
Oberonia dalatensis	LIV		25	60	0	0	0	17
Oberonia disticha	LIV		0	2	0	0	0	0.4
Oberonia ensiformis	LIV		10	30	0	0	5	9
Oberonia langbianensis	LIV		25	30	0	0	0	11
Oberonia pachyphylla	LIV		10	30	0	0	3	8.6
Octomeria spp.	DPL		0	0	3	0	0	0.6
Octomeria tridentata	DPL		2	0	0	0	0	0.4
Odontoglossum spp.	LIV		0	0	16	8	0	4.8
Odontoglossum aureum	LIV		0	0	10	0	0	2
Odontoglossum harriganum	LIV		0	0	15	0	0	3
Odontoglossum praestans	LIV		0	0	0	1	0	0.2
Odontoglossum trilobum	LIV		0	0	15	0	0	3
Oeceoclades spp.	DPL		0	0	0	0	3	0.6
Oeceoclades spp.	LIV		10	22	2	5	5	8.8
Oeceoclades decaryana	LIV		0	4	1	0	0	1
Oeceoclades maculata	LIV		12	83	0	6	0	20.2
Oeceoclades petiolata	LIV		0	0	0	0	5	1
Oeceoclades roseovariegata	LIV		0	0	0	2	5	1.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Oeonia spp.	DPL		0	0	0	0	7	1.4
Oeonia spp.	LIV		0	25	10	0	5	8
Oeonia oncidiflora	LIV		102	12	0	2	4	24
Oeonia volucris	LIV		81	11	0	2	4	19.6
Oeoniella spp.	LIV		0	0	2	0	4	1.2
Oeoniella polystachys	LIV		5	3	1	4	5	3.6
Oerstedella spp.	DPL		12	0	4	0	0	3.2
Oerstedella spp.	LIV		3	0	0	9	0	2.4
Oerstedella centropetala	DPL		1	0	0	0	0	0.2
Oerstedella pentadactyla	LIV		2	0	0	0	0	0.4
Oerstedella verrucosa	LIV		0	0	0	0	3	0.6
Oncidium spp.	DPL		4	3	8	0	0	3
Oncidium spp.	LIV		187	30	8132	1000	21	1874
Oncidium altissimum	LIV		7	100	0	0	6	22.6
Oncidium ampliatum	LIV		2	0	0	0	0	0.4
Oncidium ansiferum	LIV		2	0	0	0	0	0.4
Oncidium aurisasinorum	LIV		2	2	3	0	0	1.4
Oncidium baueri	LIV		0	0	0	0	2	0.4
Oncidium bifolium	LIV		5	0	0	0	0	1
Oncidium bracteatum	LIV		2	0	0	0	0	0.4
Oncidium calochilum	DPL		19	0	0	0	0	3.8
Oncidium calochilum	LIV		23	0	0	0	0	4.6
Oncidium carthagense	LIV		561	228	16	90	300	239
Oncidium cavendishianum	LIV		0	50	0	0	0	10
Oncidium caymanense	LIV		5	0	0	0	0	1
Oncidium cheiroporum	LIV		6	2	0	0	0	1.6
Oncidium compressicaule	DPL		11	0	0	0	0	2.2
Oncidium compressicaule	LIV		5	0	0	0	0	1
Oncidium crista-galli	LIV		1	0	0	0	0	0.2
Oncidium deltoideum	LIV		0	0	10	0	0	2
Oncidium ensatum	LIV		42	50	1	25	132	50
Oncidium excavatum	LIV		6	0	0	0	0	1.2
Oncidium foveatum	LIV		5	0	0	0	0	1
Oncidium globuliferum	LIV		2	0	0	0	0	0.4
Oncidium guianense	DPL		18	0	0	0	0	3.6
Oncidium guianense	LIV		47	0	0	0	0	9.4
Oncidium hastatum	LIV		0	0	0	60	0	12
Oncidium heteranthum	LIV		3	0	0	0	0	0.6
Oncidium lindenii	LIV		70	450	58	225	325	225.6
Oncidium longipes	LIV		1	0	0	0	0	0.2
Oncidium luridum	LIV		136	37	128	94	198	118.6
Oncidium maculatum	LIV		10	0	0	0	0	2
Oncidium nanum	LIV		0	0	2	0	0	0.4
Oncidium onustum	LIV		10	0	18	0	0	5.6
Oncidium panamense	LIV		0	0	0	1	0	0.2
Oncidium pulchellum	LIV		4	39	8	0	0	10.2
Oncidium pumilum	LIV		1	0	0	0	0	0.2
Oncidium retusum	LIV		0	0	10	0	0	2
Oncidium sanderae	LIV		0	0	2	0	0	0.4
Oncidium sphacelatum	LIV		904	326	23	700	697	530
Oncidium spilopterum	LIV		0	0	7	0	0	1.4
Oncidium splendidum	LIV		0	50	0	0	0	10
Oncidium stenotis	LIV		2	0	0	0	0	0.4
Oncidium tetrapetalum	LIV		37	7	0	11	0	11
Oncidium triquetrum	LIV		26	11	0	0	3	8
Oncidium variegatum	DPL		39	0	0	0	0	7.8
Oncidium variegatum	LIV		27	0	0	0	0	5.4
Ophrys spp.	LIV		0	0	0	0	2	0.4
Orchis mascula	EXT	kg	1045.526	1177.374	0	0	0	444.580
Orchis mascula	LIV		1	0	0	0	0	0.2
Orchis militaris	LIV		1	0	0	0	1	0.4
Ornithocephalus spp.	LIV		119	0	2	0	0	24.2
Ornithocephalus bicornis	LIV		2	0	0	0	44	9.2
Ornithocephalus ciliatus	LIV		0	0	0	0	2	0.4
Ornithocephalus gladiatus	DPL		0	2	0	0	0	0.4
Ornithocephalus gladiatus	LIV		82	21	200	0	194	99.4
Ornithocephalus inflexus	LIV		5	0	0	0	0	1
Ornithochilus spp.	LIV		1	0	1	0	0	0.4
Ornithochilus difformis	LIV		45	0	0	0	36	16.2
Osmoglossum spp.	LIV		4	4	4	0	0	2.4
Osmoglossum egertonii	DPL		1	0	0	0	0	0.2
Osmoglossum pulchellum	LIV		0	0	4	0	0	0.8
Otochilus alba	LIV		0	20	0	0	1	4.2
Otochilus fusca	LIV		565	20	0	0	0	117
Palmorchis spp.	DPL		2	0	0	0	0	0.4
Palumbina candida	LIV		50	0	0	0	0	10
Panisea spp.	LIV		0	0	0	0	80	16
Paphinia spp.	LIV		0	0	0	2	0	0.4
Paphinia cristata	LIV		0	0	0	0	2	0.4
Papilionanthe spp.	LIV		880	0	0	380	0	252
Papilionanthe teres	LIV		0	0	10	0	0	2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Paraphalaenopsis labukensis	LIV		2	0	0	0	0	0.4
Paraphalaenopsis laycockii	LIV		0	0	22	0	0	4.4
Parapteroceras elobe	LIV		0	30	0	0	0	6
Pecteilis susannae	LIV		0	0	0	0	8	1.6
Pelatantheria ctenoglossa	LIV		10	0	0	0	4	2.8
Peristeria elata	LIV		0	0	0	0	1	0.2
Peristeria pendula	LIV		0	0	3	0	0	0.6
Peristylus mannii	DPL		0	0	0	0	1	0.2
Phaius spp.	DPL		0	0	0	2	0	0.4
Phaius spp.	LIV		12	5	3	0	1	4.2
Phaius flavus	LIV		60	0	0	0	5	13
Phaius francoisii	LIV		220	11	5	0	1	47.4
Phaius indigoferus	LIV		10	0	0	0	5	3
Phaius luteus	LIV		170	2	2	0	2	35.2
Phaius mishmensis	LIV		10	0	0	0	4	2.8
Phaius pulchellus	LIV		0	0	1	1	1	0.6
Phaius pulcher var. perrieri	LIV		1	2	5	0	0	1.6
Phaius tankervilleae	LIV		2	0	1	0	4	1.4
Phalaenopsis spp.	LIV		15	0	8100	21	464	1720
Phalaenopsis chibae	LIV		0	0	0	0	62	12.4
Phalaenopsis gigantea	LIV		0	0	0	0	400	80
Phalaenopsis mannii	LIV		0	115	1	10	5	26.2
Phalaenopsis modesta	LIV		1	0	0	0	0	0.2
Phalaenopsis parishii	LIV		0	0	0	10	258	53.6
Phalaenopsis pulcherrima	LIV		15	0	0	0	4	3.8
Phalaenopsis sumatrana	LIV		0	0	0	45	0	9
Pholidota spp.	EXT	kg	0	0	0	0	0.067	0.013
Pholidota annamensis	LIV		25	10	0	0	2	7.4
Pholidota articulata	LIV		35	20	0	0	0	11
Pholidota carnea	LIV		2	0	0	0	0	0.4
Pholidota convallariae	LIV		10	10	0	0	0	4
Pholidota imbricata	LIV		15	10	0	0	1	5.2
Pholidota rubra	LIV		10	10	0	0	0	4
Phreatia spp.	LIV		0	1	0	0	0	0.2
Platanthera bifolia	LIV		4	0	0	0	0	0.8
Platanthera chlorantha	LIV		1	0	0	0	0	0.2
Platystele spp.	DPL		0	0	33	0	0	6.6
Platystele spp.	LIV		0	0	0	6	0	1.2
Platystele oxyglossa	LIV		0	0	200	0	0	40
Platystele stenostachya	DPL		0	2	0	0	0	0.4
Platystele stenostachya	LIV		0	0	500	0	0	100
Platythelys querceticola	DPL		0	2	0	0	0	0.4
Platythelys querceticola	LIV		4	4	0	0	0	1.6
Plectrophora cultrifolia	LIV		0	1	0	0	0	0.2
Pleurothallis spp.	DPL		289	0	88	0	0	75.4
Pleurothallis spp.	LIV		273	74	527	242	50	233.2
Pleurothallis abjecta	LIV		0	0	0	0	100	20
Pleurothallis angustifolia	LIV		0	0	0	0	60	12
Pleurothallis angustisepala	LIV		4	2	0	0	0	1.2
Pleurothallis archidiaconi	LIV		0	0	0	0	3	0.6
Pleurothallis aristata	LIV		0	0	0	0	6	1.2
Pleurothallis barbulata	LIV		0	0	0	0	3	0.6
Pleurothallis brighamii	DPL		0	2	0	0	0	0.4
Pleurothallis brighamii	LIV		0	0	0	0	60	12
Pleurothallis cardiothallis	LIV		4	0	0	0	60	12.8
Pleurothallis caymanensis	LIV		3	0	0	0	0	0.6
Pleurothallis corniculata	DPL		7	0	0	0	0	1.4
Pleurothallis corniculata	LIV		10	0	0	0	0	2
Pleurothallis discoidea	LIV		0	0	0	0	3	0.6
Pleurothallis domingensis	DPL		11	0	0	0	0	2.2
Pleurothallis erinacea	DPL		0	2	0	0	0	0.4
Pleurothallis gelida	DPL		4	0	0	0	0	0.8
Pleurothallis gelida	LIV		2	0	1	0	0	0.6
Pleurothallis grandis	LIV		1	0	0	0	0	0.2
Pleurothallis grobyi	DPL		21	0	0	0	0	4.2
Pleurothallis grobyi	LIV		212	19	1454	230	121	407.2
Pleurothallis hirsutula	LIV		4	0	0	0	0	0.8
Pleurothallis lanceola	DPL		1	0	0	0	0	0.2
Pleurothallis lanceola	LIV		10	0	0	0	0	2
Pleurothallis lewisae	LIV		0	4	0	0	25	5.8
Pleurothallis llamachoi	DPL		10	0	0	0	0	2
Pleurothallis llamachoi	LIV		2	0	0	0	0	0.4
Pleurothallis longilabris	DPL		21	0	0	0	0	4.2
Pleurothallis longilabris	LIV		2	0	0	0	0	0.4
Pleurothallis matudiana	LIV		0	0	0	0	60	12
Pleurothallis nanifolia	LIV		0	0	0	0	3	0.6
Pleurothallis nummularia	DPL		4	0	0	0	0	0.8
Pleurothallis nummularia	LIV		2	0	0	0	0	0.4
Pleurothallis oblongifolia	DPL		5	0	0	0	0	1
Pleurothallis obovata	DPL		4	0	0	0	0	0.8
Pleurothallis obovata	LIV		1	0	0	0	0	0.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Pleurothallis picta	LIV		0	0	0	0	3	0.6
Pleurothallis pruinosa	DPL		6	0	0	0	0	1.2
Pleurothallis pruinosa	LIV		2	0	3	0	0	1
Pleurothallis quadrifida	LIV		15	0	0	0	60	15
Pleurothallis richteri	DPL		11	0	0	0	0	2.2
Pleurothallis richteri	LIV		2	0	0	0	0	0.4
Pleurothallis segoviensis	LIV		0	0	4	0	0	0.8
Pleurothallis sertularioides	DPL		16	0	0	0	0	3.2
Pleurothallis sertularioides	LIV		21	0	4	0	0	5
Pleurothallis setosa	LIV		7	0	0	0	0	1.4
Pleurothallis suspensa	LIV		0	0	0	0	6	1.2
Pleurothallis tikalensis	LIV		10	21	8	22	63	24.8
Pleurothallis tribuloides	DPL		21	0	0	0	0	4.2
Pleurothallis tribuloides	LIV		16	0	9	0	60	17
Pleurothallis tuerckheimii	LIV		4	0	4	0	0	1.6
Pleurothallis uniflora	LIV		0	0	0	0	3	0.6
Pleurothallis wilsonii	DPL		10	0	0	0	0	2
Pleurothallis wilsonii	LIV		3	0	0	0	0	0.6
Polycychnis spp.	LIV		1	0	0	5	0	1.2
Polystachya spp.	DPL		10	0	0	0	15	5
Polystachya spp.	LIV		39	10	0	0	11	12
Polystachya albescens	LIV		0	0	1	0	0	0.2
Polystachya aurantiaca	LIV		1	129	0	0	0	26
Polystachya clavata	DPL		0	2	0	0	0	0.4
Polystachya clavata	LIV		0	0	0	0	44	8.8
Polystachya concreta	DPL		2	0	0	0	0	0.4
Polystachya concreta	LIV		5	14	6	3	0	5.6
Polystachya cultriformis	LIV		1	0	0	0	0	0.2
Polystachya foliosa	DPL		1	0	0	0	0	0.2
Polystachya foliosa	LIV		7	16	8	0	2	6.6
Polystachya masayensis	LIV		5	0	0	0	0	1
Polystachya tessellata	LIV		0	0	1	0	0	0.2
Pomatocalpa spicata	LIV		0	0	0	0	1	0.2
Ponera spp.	LIV		17	0	0	0	0	3.4
Ponera striata	LIV		32	4	0	0	0	7.2
Ponthieva spp.	DPL		0	0	1	0	0	0.2
Ponthieva maculata	DPL		1	0	0	0	0	0.2
Porpax spp.	LIV		0	1	0	0	0	0.2
Prescottia spp.	DPL		2	0	0	0	0	0.4
Prescottia spp.	LIV		0	3	0	0	0	0.6
Prescottia oligantha	LIV		36	0	0	0	0	7.2
Prescottia stachyodes	DPL		1	0	0	0	0	0.2
Prescottia stachyodes	LIV		29	0	0	0	0	5.8
Psilochilus macrophyllus	DPL		3	0	0	0	0	0.6
Psilochilus macrophyllus	LIV		4	0	0	0	0	0.8
Psychilis spp.	LIV		2	0	0	0	0	0.4
Psygmorchis spp.	DPL		0	0	2	0	0	0.4
Psygmorchis gnomus	LIV		2	2	0	0	0	0.8
Psygmorchis pusilla	LIV		1101	129	207	100	179	343.2
Pteroceras spp.	LIV		452	0	0	100	250	160.4
Pteroceras pallidum	LIV		25	0	0	0	0	5
Pteroceras semiteretifolium	LIV		30	30	0	0	2	12.4
Pteroceras teres	LIV		300	30	0	0	0	66
Quisqueya spp.	LIV		2	0	0	0	0	0.4
Quisqueya ekmanii	DPL		1	0	0	0	0	0.2
Rangaeris muscicola	LIV		0	0	1	0	0	0.2
Reichenbachanthus spp.	DPL		0	0	6	0	0	1.2
Renanthera spp.	LIV		0	0	0	100	0	20
Renanthera annamensis	LIV		275	1860	5	0	0	428
Renanthera bella	LIV		2	0	0	0	0	0.4
Renanthera citrina	LIV		0	20	0	0	0	4
Renanthera coccinea	LIV		790	0	0	30	4	164.8
Restrepia spp.	LIV		1	0	0	3	20	4.8
Restrepia hemsleyana	LIV		0	0	1	0	0	0.2
Restrepia muscifera	LIV		2	0	0	0	0	0.4
Restrepia subserrata	DPL		1	0	0	0	0	0.2
Restrepia subserrata	LIV		2	0	0	0	0	0.4
Restrepiella ophioccephala	LIV		0	0	0	0	30	6
Rhyncholaelia digbyana	LIV		0	117	42	75	102	67.2
Rhyncholaelia glauca	LIV		2187	411	1629	225	903	1071
Rhynchosstylis spp.	LIV		1	0	0	0	0	0.2
Rhynchosstylis coelestis	LIV		0	0	1000	0	4	200.8
Rhynchosstylis gigantea	LIV		0	80	0	0	4	16.8
Rhynchosstylis retusa	LIV		0	0	90	0	2	18.4
Robiquetia mimus	LIV		0	0	0	20	0	4
Robiquetia spatulata	LIV		15	20	0	0	48	16.6
Rodriguezia spp.	LIV		2	2	12	0	0	3.2
Rodriguezia leeana	LIV		0	0	15	0	0	3
Rodriguezia secunda	LIV		0	0	1	0	3	0.8
Saccolabiopsis pallida	LIV		10	0	0	0	1	2.2
Saccolabium spp.	LIV		25	0	0	0	30	11

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Sacoila lanceolata	DPL		2	2	0	0	0	0.8
Sacoila lanceolata	LIV		1	0	0	0	0	0.2
Salpistele spp.	LIV		0	0	0	6	0	1.2
Sarcanthopsis nagarensis	LIV		0	0	0	1	0	0.2
Sarcanthus spp.	LIV		20	0	0	0	1	4.2
Sarcochilus spp.	LIV		10	0	0	0	40	10
Sarcoglottis spp.	LIV		2	4	0	0	20	5.2
Sarcoglottis sceptrodes	LIV		0	50	0	0	0	10
Sarcophyton spp.	LIV		0	70	0	0	40	22
Sarcostoma spp.	LIV		0	1	0	0	0	0.2
Satyridium rostratum	LIV		0	0	0	2	0	0.4
Satyrium spp.	LIV		0	0	0	3	0	0.6
Satyrium acuminatum	LIV		0	0	0	1	0	0.2
Satyrium amblyosaccos	LIV		0	0	0	1	0	0.2
Satyrium bicallosum	LIV		0	0	0	2	0	0.4
Satyrium bicorne	LIV		0	0	0	6	0	1.2
Satyrium bracteatum	LIV		0	0	0	3	0	0.6
Satyrium breve	LIV		0	0	0	1	0	0.2
Satyrium buchananii	LIV		0	0	0	2	0	0.4
Satyrium carneum	LIV		0	0	0	2	0	0.4
Satyrium chlorocorys	LIV		0	0	0	1	0	0.2
Satyrium coriifolium	LIV		0	0	0	4	0	0.8
Satyrium crassicaule	LIV		0	0	0	1	0	0.2
Satyrium cristatum	LIV		0	0	0	4	0	0.8
Satyrium erectum	LIV		0	0	0	4	0	0.8
Satyrium hallackii	LIV		0	0	0	1	0	0.2
Satyrium humile	LIV		0	0	0	1	0	0.2
Satyrium ligulatum	LIV		0	0	0	1	0	0.2
Satyrium longicauda	LIV		0	0	0	7	0	1.4
Satyrium membranaceum	LIV		0	0	0	2	0	0.4
Satyrium microcorys	LIV		0	0	0	1	0	0.2
Satyrium microrrhynchum	LIV		0	0	0	2	0	0.4
Satyrium muticum	LIV		0	0	0	1	0	0.2
Satyrium neglectum	LIV		0	0	0	3	0	0.6
Satyrium nepalense	LIV		0	0	0	1	0	0.2
Satyrium odorum	LIV		0	0	0	5	0	1
Satyrium orbiculare	LIV		0	0	0	1	0	0.2
Satyrium paludosum	LIV		0	0	0	1	0	0.2
Satyrium parviflorum	LIV		0	0	0	7	0	1.4
Satyrium princeae	LIV		0	0	0	1	0	0.2
Satyrium pumilum	LIV		0	0	0	3	0	0.6
Satyrium rupestre	LIV		0	0	0	1	0	0.2
Satyrium sceptrum	LIV		0	0	0	2	0	0.4
Satyrium sphaeranthum	LIV		0	0	0	1	0	0.2
Satyrium sphaerocarpaceum	LIV		0	0	0	1	0	0.2
Satyrium stenopetalum	LIV		0	0	0	6	0	1.2
Satyrium trinerve	LIV		0	0	0	2	0	0.4
Satyrium volkensii	LIV		0	0	0	1	0	0.2
Scaphosepalum spp.	DPL		1	0	0	0	0	0.2
Scaphosepalum spp.	LIV		13	0	0	0	0	2.6
Scaphyglottis spp.	DPL		7	0	23	0	0	6
Scaphyglottis spp.	LIV		28	23	22	0	7	16
Scaphyglottis behrii	LIV		11	0	0	0	4	3
Scaphyglottis limonensis	DPL		2	0	0	0	0	0.4
Scaphyglottis lindeniana	LIV		2	1	0	0	0	0.6
Scaphyglottis minutiflora	LIV		0	2	0	0	0	0.4
Scaphyglottis prolifera	LIV		6	0	0	0	0	1.2
Schizodium bifidum	LIV		0	0	0	2	0	0.4
Schizodium cornutum	LIV		0	0	0	2	0	0.4
Schizodium inflexum	LIV		0	0	0	1	0	0.2
Schizodium obliquum	LIV		0	0	0	3	0	0.6
Schlimmia condorana	LIV		0	0	0	1	0	0.2
Schoenorchis gemmata	LIV		36	0	0	110	132	55.6
Schoenorchis micrantha	LIV		15	0	0	10	65	18
Schoenorchis tortifolia	LIV		0	30	0	0	1	6.2
Schomburgkia spp.	LIV		500	6	450	300	0	251.2
Schomburgkia gloriosa	LIV		1	0	0	0	0	0.2
Schomburgkia lyonsii	LIV		1	0	0	0	0	0.2
Schomburgkia marginata	LIV		2	0	0	0	0	0.4
Schomburgkia superbiens	LIV		2	4	0	0	0	1.2
Schomburgkia thomsoniana	LIV		7	0	0	0	0	1.4
Scuticaria spp.	LIV		0	0	1	0	0	0.2
Sievekingia spp.	LIV		0	0	0	2	0	0.4
Sievekingia suavis	LIV		2	0	0	0	0	0.4
Sigmatostalix spp.	LIV		2	0	0	5	0	1.4
Sigmatostalix macrobulbon	LIV		2	0	0	0	0	0.4
Sirhookera spp.	LIV		0	0	0	0	1	0.2
Smitinandia spp.	LIV		0	0	0	0	20	4
Smitinandia micrantha	LIV		10	0	0	0	0	2
Sobennikoffia spp.	LIV		0	0	8	0	2	2
Sobennikoffia humbertiana	LIV		3	100	4	20	9	27.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Sobennikoffia robusta	LIV		13	35	0	2	1	10.2
Sobralia spp.	DPL		13	0	29	0	0	8.4
Sobralia spp.	LIV		19	7	9	6	0	8.2
Sobralia decora	LIV		101	14	23	10	12	32
Sobralia dichotoma	LIV		0	0	3	0	0	0.6
Sobralia fragrans	LIV		0	0	0	0	12	2.4
Sobralia macrantha	LIV		10	22	4	1	0	7.4
Sobralia mucronata	LIV		2	0	0	0	0	0.4
Sobralia sessilis	LIV		0	0	0	0	1	0.2
Solenangis spp.	LIV		5	2	27	0	6	8
Solenangis aphylla	LIV		2	6	0	0	4	2.4
Sophronitis cernua	LIV		1	0	0	0	0	0.2
Spathoglottis spp.	LIV		31	0	0	0	10	8.2
Spathoglottis affinis	LIV		0	0	0	0	6	1.2
Spathoglottis aurea	LIV		20	0	0	0	0	4
Spathoglottis eburnea	LIV		25	0	0	0	3	5.6
Spathoglottis plicata	LIV		25	0	0	0	4	5.8
Spathoglottis vieillardii	LIV		0	0	0	0	4	0.8
Spiranthes torta	DPL		6	0	0	0	0	1.2
Spiranthes torta	LIV		4	0	0	0	0	0.8
Stanhopea spp.	LIV		109	151	551	9	0	164
Stanhopea anfracta	LIV		10	0	0	0	0	2
Stanhopea candida	LIV		10	1	0	0	0	2.2
Stanhopea connata	LIV		0	0	12	0	0	2.4
Stanhopea ecornuta	LIV		1	16	32	0	200	49.8
Stanhopea grandiflora	LIV		0	0	0	0	1	0.2
Stanhopea inodora	LIV		0	0	0	0	20	4
Stanhopea oculata	LIV		72	35	210	48	464	165.8
Stanhopea tigrina	LIV		3	0	0	0	0	0.6
Stanhopea wardii	LIV		2	0	0	40	0	8.4
Staurochilus fasciatus	LIV		35	50	0	10	9	20.8
Stelis spp.	DPL		44	4	285	0	0	66.6
Stelis spp.	LIV		37	50	21	5	8	24.2
Stelis argentata	LIV		0	0	0	0	2	0.4
Stelis guianensis	LIV		0	0	0	0	2	0.4
Stelis ophioglossoides	DPL		6	0	0	0	0	1.2
Stelis ophioglossoides	LIV		0	0	9	10	0	3.8
Stelis purpurea	LIV		2	0	0	0	0	0.4
Stelis santiagoensis	LIV		0	0	0	0	2	0.4
Stellilabium spp.	LIV		0	0	0	2	0	0.4
Stenorrhynchos spp.	LIV		0	0	0	2	0	0.4
Stenorrhynchos speciosum	LIV		0	0	4	0	0	0.8
Steveniella satyrioides	DPL		0	4	0	0	0	0.8
Stilifolium ascendens	DPL		0	3	0	0	0	0.6
Stilifolium ascendens	LIV		479	112	199	65	299	230.8
Stilifolium stipitatum	LIV		0	0	100	0	0	20
Taeniophyllum spp.	LIV		0	1	0	0	0	0.2
Telipogon spp.	DPL		2	0	2	0	0	0.8
Telipogon spp.	LIV		0	0	4	22	0	5.2
Tetramicra spp.	DPL		12	0	0	0	0	2.4
Tetramicra spp.	LIV		2	0	0	0	0	0.4
Tetramicra bulbosa	LIV		1	0	0	0	0	0.2
Thecostele alata	LIV		0	0	0	0	1	0.2
Thelasis capitata	LIV		0	0	0	22	0	4.4
Thrixspermum spp.	EXT	kg	0	0	0.022	0	0	0.004
Thrixspermum arachnites	EXT	kg	0	0	0.022	0	0	0.004
Thrixspermum arachnites	LIV		30	0	0	0	4	6.8
Thrixspermum centipeda	LIV		30	50	0	0	4	16.8
Thunia alba	LIV		0	50	0	0	0	10
Ticoglossum spp.	DPL		0	0	6	0	0	1.2
Ticoglossum krameri	DPL		1	0	0	0	0	0.2
Trichocentrum spp.	LIV		3	0	3	1	0	1.4
Trichocentrum cebolleta	LIV		30	2	4	25	195	51.2
Trichocentrum panduratum	LIV		0	2	0	0	0	0.4
Trichocentrum tigrinum	LIV		20	0	20	0	0	8
Trichoceros antennifer	LIV		3	0	32	0	0	7
Trichoglottis spp.	LIV		1	0	0	0	100	20.2
Trichoglottis retusa	LIV		35	0	0	10	8	10.6
Trichopilia spp.	DPL		3	0	0	0	0	0.6
Trichopilia spp.	LIV		1	2	13	0	0	3.2
Trichopilia fragrans	DPL		9	0	0	0	0	1.8
Trichopilia maculata	LIV		7	0	0	0	0	1.4
Trichopilia marginata	LIV		2	4	0	0	0	1.2
Trichopilia suavis	LIV		3	0	0	0	0	0.6
Trichopilia tortillis	LIV		0	0	4	0	0	0.8
Trichosalpinx spp.	DPL		0	0	8	0	0	1.6
Trichosalpinx dura	LIV		0	0	0	0	100	20
Trichosalpinx orbicularis	LIV		0	0	0	0	3	0.6
Trichotomia spp.	LIV		0	2	0	0	0	0.4
Trichotomia dalatensis	LIV		20	0	0	0	0	4
Trigonidium spp.	DPL		0	0	9	0	0	1.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Trigonidium spp.	LIV		0	0	3	0	0	0.6
Trigonidium acuminatum	LIV		0	0	0	0	1	0.2
Trigonidium egertonianum	DPL		4	2	0	0	0	1.2
Trigonidium egertonianum	LIV		78	43	22	20	86	49.8
Trigonidium insigne	LIV		1	0	0	0	0	0.2
Trisetella regia	LIV		0	0	0	1	0	0.2
Tropidia bambusifolia	LIV		0	0	0	0	1	0.2
Uncifera dalatensis	LIV		640	0	0	0	20	132
Vanda spp.	DPL		0	0	0	1	0	0.2
Vanda spp.	LIV		31	0	21	14	20	17.2
Vanda bidupensis	LIV		0	30	0	0	3	6.6
Vanda brunnea	LIV		15	0	0	0	0	3
Vanda concolor	LIV		0	0	0	0	100	20
Vanda denisoniana	LIV		16	80	50	0	35	36.2
Vanda lilacina	LIV		0	30	6	0	56	18.4
Vanda liouvillei	LIV		1	0	0	0	0	0.2
Vanda pumila	LIV		0	50	1	250	275	115.2
Vanda scandens	LIV		1	0	0	0	0	0.2
Vanda tessellata	EXT	kg	18	0	0	0	0	3.6
Vanda tricolor	LIV		0	0	0	0	200	40
Vandopsis spp.	LIV		0	1	0	0	0	0.2
Vandopsis gigantea	LIV		0	0	0	0	7	1.4
Vanilla spp.	DPL		1	0	5	0	0	1.2
Vanilla spp.	LIV		121	251	15	4	6	79.4
Vanilla barbellata	DPL		5	0	0	0	0	1
Vanilla barbellata	LIV		1	0	0	0	0	0.2
Vanilla bicolor	DPL		1	0	0	0	0	0.2
Vanilla bicolor	LIV		1	0	0	0	0	0.2
Vanilla claviculata	LIV		4	0	2	0	2	1.6
Vanilla decaryana	LIV		0	1	0	0	0	0.2
Vanilla dilloniana	DPL		1	0	0	0	0	0.2
Vanilla hartii	LIV		0	0	0	0	50	10
Vanilla inodora	LIV		7	0	0	0	100	21.4
Vanilla kinabaluensis	LIV		2	0	0	0	0	0.4
Vanilla madagascariensis	DPL		0	0	0	8	0	1.6
Vanilla madagascariensis	LIV		0	0	0	0	11	2.2
Vanilla mexicana	DPL		1	0	0	0	0	0.2
Vanilla mexicana	LIV		0	0	0	0	1	0.2
Vanilla planifolia	LIV		23	8	19	36	275	72.2
Vrydagzynea spp.	LIV		0	3	0	0	0	0.6
Xylobium spp.	LIV		2	0	3	0	0	1
Xylobium colleyi	LIV		0	0	0	0	3	0.6
Xylobium elongatum	LIV		0	0	15	0	0	3
Zygosepalum labiosum	LIV		0	0	0	0	3	0.6
OROBANCHACEAE								
Cistanche deserticola	DER		0	0	0	1	0	0.2
Cistanche deserticola	DER	FLA	0	0	0	0	60000	12000
Cistanche deserticola	DER	kg	0	4200	0	1145.746	5965.219	2262.193
Cistanche deserticola	DER	SHP	0	0	0	1	0	0.2
Cistanche deserticola	DPL		0	0	0	0	100	20
Cistanche deserticola	SPE		0	0	0	0	2	0.4
Cistanche deserticola	STE	kg	0	0	3750	2500	0	1250
PALMAE								
Neodypsis decaryi	DER	kg	0	30	30	0	0	12
Ravenea rivularis	LIV		0	0	0	0	9848	1969.6
Ravenea rivularis	SEE	kg	0	0	0	0	1500	300
PORTULACACEAE								
Avonia quinaria ssp. alstonii	LIV		15	0	0	0	0	3
PRIMULACEAE								
Cyclamen spp.	LIV		0	0	0	0	20	4
Cyclamen adzharicum	LIV		0	0	0	11	0	2.2
Cyclamen cilicium	LIV		250000	250000	250000	239500	194375	236775
Cyclamen colchicum	LIV		0	0	40	0	0	8
Cyclamen coum	LIV		250000	250000	500020	700160	300000	400036
Cyclamen coum ssp. caucasicum	LIV		0	0	40	0	0	8
Cyclamen graecum	LIV		0	0	0	0	50	10
Cyclamen hederifolium	LIV		748962	1250000	1300000	1275000	1250050	1164802.4
Cyclamen hederifolium var. hederifolium fa. hederifolium	LIV		692888	0	0	0	0	138577.6
Cyclamen intaminatum	DPL		0	0	100	100	0	40
Cyclamen intaminatum	LIV		0	35	50	50	0	27
Cyclamen mirabile	LIV		0	35	0	0	75	22
Cyclamen pseudibericum	DPL		0	0	100	100	0	40
Cyclamen pseudibericum	LIV		0	0	50	50	0	20
Cyclamen trochopteranthum	DPL		18	0	0	0	0	3.6
Cyclamen trochopteranthum	LIV		75	0	0	0	0	15
RANUNCULACEAE								
Hydrastis canadensis	DPL	kg	0	0	0	60	0	12
Hydrastis canadensis	ROO	kg	130	1421	256	60	0	373.4
ROSACEAE								
Prunus africana	BAR	kg	780049	529761	634165.020	327562	689253	592158.004

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Prunus africana	CHP	kg	0	0	0.25	0	0	0.05
Prunus africana	DPL	kg	1	8	0	0	4	2.6
Prunus africana	EXT	kg	223271.98	341503.766	2200	800	110758	135706.749
Prunus africana	LVS	kg	0	0	0	0	0	0.034
Prunus africana	POW	kg	443022	486669	60000	543300	468000	400198.2
Prunus africana	ROO	kg	0	1	0	0	0	0.2
Prunus africana	SAW	m3	0	0	0.001	0	0	0.000
Prunus africana	SPE	kg	0	0	1	0	0	0.13
SARRACENIACEAE								
Sarracenia purpurea	LIV		0	0	40	0	0	8
Sarracenia purpurea	LVS		0	0	566	0	0	113.2
SCROPHULARIACEAE								
Picrorhiza kurrooa	DER	kg	0	0	100	0	0	20
Picrorhiza kurrooa	EXT	kg	0	0	0	300	0	60
Picrorhiza kurrooa	ROO	kg	0	0	100	300	0	80
STANGERIACEAE								
Bowenia serrulata	LIV		0	17500	21	0	0	3504.2
Bowenia serrulata	LVS		3020	18700	0	0	0	4344
Bowenia serrulata	STE		1890	13700	0	0	0	3118
TAXACEAE								
Taxus spp.	EXT	kg	0	0	0	0	8	1.6
Taxus wallichiana	DER	kg	4000	0	0	0	0	800
Taxus wallichiana	EXT	kg	0	55.815	38	3.001	50000	10019.363
THYMELAEACEAE (AQUILARIACEAE)								
Aquilaria spp.	CHP	kg	232660	725000	0	0	0	191532
Aquilaria spp.	SAW	m3	0	0	101.874	0	0	20.375
Aquilaria spp.	SAW	kg	0	0	283587	0	0	56717.4
Aquilaria malaccensis	CHP	m3	0	0	0	14.16	0	2.832
Aquilaria malaccensis	CHP	kg	119931	128977	100772.100	205388	407470	192507.62
Aquilaria malaccensis	DER	kg	1	0	50	0	0	10.2
Aquilaria malaccensis	DER	SHP	45	0	0	0	0	9
Aquilaria malaccensis	EXT	kg	5.304	0	0	0	0	1.061
Aquilaria malaccensis	LIV	kg	0	0	0	0	7550	1510
Aquilaria malaccensis	OIL	kg	0	2.09	0	0	0	0.418
Aquilaria malaccensis	ROO	kg	0	3000	0	0	0	600
Aquilaria malaccensis	SPE		0	0	0	2	0	0.4
VALERIANACEAE								
Nardostachys grandiflora	ROO	kg	0	0	12500	0	0	2500
WELWITSCHIAEAE								
Welwitschia mirabilis	STE		1	0	0	0	0	0.2
ZAMIACEAE								
Zamiaceae spp.	LIV		0	202	30	0	0	46.4
Zamiaceae spp.	SEE		0	4400	0	0	0	880
Ceratozamia mexicana	DPL		0	1	0	0	0	0.2
Dioon rzedowskii	LIV		37	0	0	0	0	7.4
Lepidozamia peroffskyana	LIV		0	0	17	0	0	3.4
Macrozamia spp.	LIV		0	0	7	0	0	1.4
Macrozamia cardiacensis	LIV		0	0	8	0	0	1.6
Macrozamia communis	LVS		0	4000	0	0	0	800
Macrozamia communis	STE		0	0	70000	0	0	14000
Macrozamia longispina	LIV		0	0	22	0	0	4.4
Macrozamia lucida	LIV		0	0	25	0	0	5
Macrozamia miquelii	LIV		0	50	220	2	0	54.4
Macrozamia miquelii	LOG		0	8	0	0	0	1.6
Macrozamia miquelii	STE		420	8	0	0	0	85.6
Macrozamia moorei	LIV		419	1294	1582	707	293	859
Macrozamia moorei	LOG		0	182	0	0	0	36.4
Macrozamia moorei	STE		0	24	0	0	0	4.8
Macrozamia mountperriensis	LIV		0	0	4	50	7	12.2
Macrozamia riedlei	LIV		22	40	0	0	0	12.4
Zamia spp.	DPL		0	0	1	0	0	0.2
Zamia spp.	LIV		14	0	22	0	2	7.6
Zamia spp.	ROO		0	0	5	0	0	1
Zamia spp.	SEE		0	0	50	0	0	10
Zamia spp.	SPE		0	0	3	0	0	0.6
Zamia cunaria	LIV		0	7	0	0	0	1.4
Zamia dressleri	LIV		0	21	0	0	0	4.2
Zamia fairchildiana	LIV		0	10	0	0	0	2
Zamia furfuracea	LIV		0	0	1800	3500	0	1060
Zamia furfuracea	LIV	kg	0	0	1360.7	0	0	272.14
Zamia lindenii	LIV		0	0	30	0	0	6
Zamia loddigesii	LIV		0	20	0	0	0	4
Zamia muricata	DPL		1	0	0	0	0	0.2
Zamia picta	LIV		15	14	14	0	0	8.6
Zamia picta	ROO		0	0	7	0	0	1.4
Zamia picta	SPE		0	0	2	0	0	0.4
Zamia polymorpha	LIV		0	0	12	0	0	2.4
Zamia polymorpha	ROO		10	0	6	0	0	3.2
Zamia polymorpha	SPE		0	0	2	0	0	0.4
Zamia pseudoparasitica	LIV		0	11	0	0	0	2.2
Zamia pumila	DPL		1	0	0	0	0	0.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Zamia pumila	LIV		1	0	0	0	0	0.2
Zamia skinneri	LIV		0	7	0	0	0	1.4
ZYGOPHYLLACEAE								
Guaiacum spp.	SAW	m3	0	0	0	0.024	0	0.005
Guaiacum officinale	TIP		2834	0	0	0	0	566.8
Guaiacum sanctum	LVS		0	0	0	0	150	30
Guaiacum sanctum	SAW		0	1	0	0	0	0.2
Guaiacum sanctum	SAW	m3	171.246	297.09	148.713	232.070	244.787	218.781