

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



Seventeenth meeting of the Plants Committee  
Geneva (Switzerland), 15-19 April 2008

REVIEW OF SUCCULENT *EUPHORBIA* SPP. IN APPENDIX II

1. This document has been submitted by the Management Authority of Switzerland.

Rationale

2. The genus *Euphorbia*, which is found world wide and comprises nearly 2,000 species, was listed in CITES Appendix II in 1975.
3. "Non-succulent" species were excluded with effect from 18 September 1997. This left an estimated number of over 500 species in Appendix II (c.a. 900 accepted names of species and infraspecific taxa).
4. The Plants Committee now has a mandate to restrict the listing of "succulent *Euphorbia* spp." in Appendix II to those taxa that are actually or potentially threatened, i.e. harvested from the wild, could benefit from monitoring and restricting international trade, and meet the criteria of Resolution Conf. 9.24 (Rev. CoP14).

Background

5. The genus *Euphorbia* was listed in Appendix II of CITES in 1975. The listing covered many species not in need of CITES monitoring and consequently in 1997, it was better targeted by restricting it to "succulent species". The artificial group "succulent *Euphorbia* spp." is not primarily delimited taxonomically, but rather morphologically and thus constitutes a unique oddity in the CITES Appendices. Unfortunately, there is no sharp line separating succulent and non-succulent *Euphorbia* species. Therefore, a CITES Checklist contains the *Euphorbia* taxa that are explicitly covered by the Convention. It was published in 1997 and updated in 2003 in order to include a number of newly described taxa. As new species continue to be described, a conclusive list can not be published in the near future and further updated editions will be required from time to time (further information is included in Annex 1).
6. Succulent euphorbias, as defined by CITES, listed in Appendix II, still contain a high number of species that are not in need of a CITES listing, as shown by analysis of trade data (Taylor 2001). The most obvious example is *Euphorbia tirucalli*. But only a few exemptions of frequently traded hybrids and cultivars were introduced up to date (further information is included in Annex 1). The current Appendix-II listing reads:

***Euphorbia* spp.** <sup>#1</sup> (Succulent species only except the species included in Appendix I. Artificially propagated specimens of cultivars of *Euphorbia trigona*, artificially propagated specimens of crested, fan-shaped or colour mutants of *Euphorbia lactea*, when grafted on artificially propagated root stock of *Euphorbia neriifolia*, and artificially propagated specimens of cultivars of *Euphorbia 'Mili'* when they are traded in shipments of 100 or more plants and readily recognizable as artificially propagated specimens, are not subject to the provisions of the Convention).

5. Annotation #1 is used for plant taxa included in Appendix II of CITES and designates all parts and derivatives, except:
- a) *seeds, spores and pollen (including pollinia);*
  - b) *seedling or tissue cultures obtained in vitro, in solid or liquid media, transported in sterile containers;*
  - c) *cut flowers of artificially propagated plants; and*
  - d) *fruits and parts and derivatives thereof of artificially propagated plants of the genus Vanilla.*

Mandate and schedule

6. At the 14th meeting of the Conference of Parties (CoP14, The Hague, Netherlands, 2007), a modification of the listing of succulent *Euphorbia* spp. in Appendix II was therefore proposed (proposal CoP14 Prop. 29) and lead to a formal decision (Decision 14.131), giving the CITES Plants Committee a mandate to review this listing up to CoP15 in 2010. The Plants Committee shall:
- a) *analyse trade data and conservation status of succulent Euphorbia species (except those species currently included in Appendix I);*
  - b) *prepare a revised list of succulent Euphorbia species that meet the criteria of Resolution Conf. 9.24 (Rev. CoP14) for inclusion in Appendix II;*
  - c) *prepare proposals for consideration at the 15th meeting of the Conference of the Parties that provide for the deletion of Euphorbia species from Appendix II that do not meet the criteria of Resolution Conf. 9.24 (Rev. CoP14), are frequently traded and can be clearly identified by non-specialists; and*
  - d) *determine the need for identification material for species retained in Appendix II.*

Follow-up

7. In discussion at CoP14 between the Plants Committee members, an informal working group was established to make progress on this matter.
8. The Plants Committee is focusing on two possible approaches for a revised listing of succulent *Euphorbia* spp. in Appendix II, as outlined below.

Approach A: List of species and populations

9. The approach favoured by the author of this document would be to identify species that are in need of regulation and specifically list them in Appendix II. Input from experts is now needed to draft a list of succulent *Euphorbia* species that are actually or potentially threatened through international trade in wild-collected plants, and their look-alikes. Just to give an idea, such a revised, future listing of succulent *Euphorbia* spp. in Appendix II could look, for example, as follows (it is possible to list species, higher taxa and populations):

***Euphorbia bupleurifolia* #1**  
***Euphorbia charleswilsoniana* #1**  
***Euphorbia columnaris* #1**  
***Euphorbia cryptocaulis* #1**  
***Euphorbia gymnocalycioides* #1**  
***Euphorbia horwoodii* #1**  
***Euphorbia obesa* #1**  
***Euphorbia piscidermis* #1**  
***Euphorbia rubella* #1**  
***Euphorbia turbiniformis* #1**  
***Euphorbia* ... #1**  
***Euphorbia* ... #1**

*Euphorbia* ... #1

*Euphorbia* ... #1

*Euphorbia* ... #1

*Euphorbia* spp. #1 **All populations of Madagascar** (Succulent species only, except the species included in Appendix I. Artificially propagated specimens of *Euphorbia* 'Mili' when they are traded in shipments of 100 or more plants and readily recognizable as artificially propagated specimens, are not subject to the provisions of the Convention.)

Approach B: Exemption of certain species

10. If the approach of establishing a list of species and populations in Appendix II (A) should prove to be impracticable, e.g. because there is a very large number of species in need of regulation, another approach (B) would be to eliminate certain species from Appendix II. This concerns species that are in trade in large quantities, originate from artificial propagation and are not harvested from the wild for international trade and at the same time consume considerable resources for permitting, reporting of trade and objections to undocumented shipments. Such exemptions can be made, if there is no considerable look-alike problem. Whereas cultivars of *E. trigona*, certain specimens of *E. lactea* and *E. 'Mili'* are already exempted, the most obvious example for exemption of a species seems to be *E. tirucalli*. There are further species that would need an assessment, e.g. *E. abyssinica*, *E. canariensis*, *E. enopla*, *E. ferox*, *E. horrida*, *E. ingens*, *E. lactea* (the species), *E. lophogona* (the species), *E. mili* (the species) and *E. trigona* (the species).
11. There was some consultation with experts, so far covering the species of north-eastern Africa (Mike Gilbert, RBG Kew, United Kingdom and Sebsebe Demissew, National Herbarium and Leader of the Ethiopian Flora Project, Addis Ababa University, Ethiopia).
12. More contributions of experts are needed, especially for the taxa of southern Africa, Madagascar and America (e.g. *E. antisiphilitica*).
13. The Secretariat provided a table (Annex 2) with trade data for 2000-2006. Species that are traded in high numbers (all sources) are highlighted.

## SUPPLEMENTARY INFORMATION

### Euphorbia and CITES

Most Parties to the Convention are range States of *Euphorbia* spp. The genus *Euphorbia* contains nearly 2000 species, the majority being herbaceous with a worldwide distribution in temperate and tropical zones. The arborescent, shrubby, and succulent species are found almost exclusively in the tropics and subtropics, with the true succulents, numbering over 500, occurring primarily in the drier regions of Africa and Madagascar where their growth-habit ranges from small tufted perennials to shrubs and large trees (Carter in Egli, ed., 2002). No completely satisfactory infrageneric classification of this unwieldy genus, on a world-wide basis, has yet been proposed and the Illustrated Handbook of Succulent Plants (Carter in Egli, ed., 2002) adopts a very broad artificial concept, based on morphological characters, such as growth-forms to divide the succulent *Euphorbia* spp. into five partly highly artificial groups with a number of sub-groups.

The listing of *Euphorbia* spp. in Appendix II is effective from 1 July 1975. It is annotated with #1 [Designates all parts and derivatives, except: a) seeds, spores and pollen (including pollinia); b) seedling or tissue cultures obtained in vitro, in solid or liquid media, transported in sterile containers; and c) cut flowers of artificially propagated plants].

“Non-succulent” species were excluded with effect from 18 September 1997 and this is outstanding among listings of plants for the rather morphological than taxonomical approach. The criterion of succulence is without any further precision and this allows for interpretations and inconsistent enforcement. Therefore, the CITES Checklist of Succulent *Euphorbia* Taxa (Euphorbiaceae), 2nd edition (Carter & Egli, 2003) was established as a reference; it contains references to ca. 900 names of accepted taxa of *Euphorbia* spp. that are succulents, including subspecific taxa.

Ten species from Madagascar were listed in Appendix I with effect from 18 January 1990, and 16 February 1995 in one case. They are all dwarf collectors items, traded for horticulture, with underground tubers and mostly succulent leaves. The Plants Committee included them in the list of taxa for the Periodical Review of the Appendices at its 15th meeting 2005. There is no progress in this issue up to date.

A number of cultivars were specifically excluded from CITES: *E. trigona* Miller 1768 (18/09/97), *E. lactea* Haworth 1812 with certain criteria (12/01/2005) and *E. 'Mili'* with certain criteria (12/01/2005). This reflects efforts to reduce the burden on Management Authorities of licensing and reporting for specimens that originate from artificial propagation and are internationally traded in large quantities.

International trade in succulent *Euphorbia* spp. was analysed in a specific review, with emphasis on artificially propagated live specimens. Key taxa and key countries were identified. According to UNEP-WCMC CITES trade data, 328 species are recorded in international trade. The report concludes with a number of recommendations; inter alia 249 *Euphorbia* species were recommended for down-listing/delisting, but excluding all taxa from Madagascar (Taylor 2001).

Issuing permits for, and reporting on imports and exports of predominantly and increasingly artificially propagated plants puts a burden on Parties without yielding an obvious benefit for conservation. CITES resources however should be allocated in first place to action with a positive impact on conservation. It would therefore be useful to restrict CITES listings as far as possible to actually or potentially threatened species that are harvested from the wild and could benefit from monitoring and restricting international trade. Apart from reviewing the species listed in Appendix I, the Plants Committee, from its 15th meeting, is therefore seeking ways to reduce the number of succulent *Euphorbia* spp. listed in Appendix II.

### Conservation

Throughout tropical regions, the greatest danger to the survival of succulent *Euphorbia* spp. lies in habitat destruction for spreading agriculture, for charcoal burning etc. Over-collecting is apparently not a hazard in most of the relevant areas (Carter 1997). Habitats of *Euphorbia* spp. are under pressure world-wide. This is especially true for semiarid habitats of succulent *Euphorbia* spp. that are converted into Sisal or

Eucalyptus plantations, e.g. in Madagascar (Supthut & Landolt 1997), or other farmland, or cleared for charcoal production, e.g. in Madagascar (Supthut & Landolt 1997), or annually burned for enhancing new growth of grass, e.g. in Madagascar (Supthut & Landolt 1997), or overgrazed, e.g. in Somalia (Carter 1997). Mining operations and road constructions are mentioned as major factors for South Africa (Carter 1997). Some *Euphorbia* spp. are classified in the IUCN Red List as critically rare (CR) for manifold reasons, but many species are very common and wide-spread. The IUCN Red List actually contains assessments for 171 species of *Euphorbia*. Of these, 30 are classified as endangered (EN). 23 of the latter are succulent *Euphorbia* spp. of the CITES checklist, 18 are native to Madagascar and 3 are listed in Appendix I.

### Utilization

Utilization is manifold. *E. antisyphilitica* Zuccarini 1832 for example is used as a medicinal plant by local residents in northern Mexico. *E. tirucalli* Linné 1753 is extensively used for hedging purposes in tropical Africa (Carter 1997), but also for example in Brazil, where it was introduced. *E. milii* Des Moulins 1826 is used for hedging purposes in Madagascar. Medicinal use of many species is reported from many regions. Use as ornamental plants is manifold and wide-spread. The species that is most widely used as an ornamental plant is the non-succulent *E. pulcherrima* Willd. ex Klotzsch 1834 (Poinsettia, Mexican flame leaf, Christmas star, Noche Buena or Pascua), native to southern Mexico and Central America and today used world-wide. It is followed by a number of succulent and non-succulent ornamental *Euphorbia* spp.

### Basic characteristics of international trade

According to UNEP-WCMC CITES trade data, **328 species of succulent *Euphorbia* are recorded in international trade. Reported trade in wild-collected, live succulent *Euphorbia* spp. is in first place from Madagascar to France** (around 70'000 specimens 1995-1999). Figures of trade in wild-collected specimens between other countries are from a few specimens to several hundred specimens for the same period (Taylor 2001). **The bulk trade however is in a few very common species that are easily artificially propagated from cuttings, e.g. *E. tirucalli* Linné 1753 and *E. abyssinica* Gmelin 1791.**

Key taxa (Taylor 2001):

UNEP-WCMC reported trade shows high numbers of internationally traded live plants (nearly 6.5 million 1995-1999). The level of trade in artificially propagated plants is much higher than in wild-collected plants (nearly 6.3 million 1995-1999). This trade is dominated by very few species, *inter alia* *E. abyssinica* (250'761), *E. lactea* Haworth 1812 (1'060'779), *E. milii* (153'270), *E. tirucalli* (26'694), *E. trigona* Miller 1768 (228'126). Trade in *E. lactea*, *E. tirucalli* and *E. abyssinica* has considerably increased in recent time. *E. lactea*, *E. milii* and *E. trigona* are exempted from CITES, if specimens and shipments meet certain criteria. The report identifies more than 200 species that were exclusively reported from artificial propagation 1995-1999 and concludes that these should be reviewed and could be considered for down-listing/de-listing.

Export and import of plants that are reported to originate from the wild is considerable and concerns nearly exclusively species from Madagascar that are listed in Appendix II. Reported exports are much higher than reported imports. Reported exports are dominated by *E. lophogona* Lamarck 1788 (32'019), *E. milii* (8'152), *E. viguieri* Denis 1921 (6'581) and *E. geroldii* Rauh 1994 (6'509), reported imports by *E. gottlebei* Rauh 1992 (650), *E. horombensis* Ursch & Léandri 1955 (450), *E. spec.* (294) and *E. primulifolia* Baker 1881 (261). Significant discrepancies between reported exports and imports are very obvious.

Key countries (Taylor 2001):

As mentioned above, Madagascar shows by far the highest level of export of wild-collected succulent *Euphorbia* spp. (key exporter) and France shows a corresponding level of import (key importer).

The main exporting countries (1995-1999) of artificially propagated and wild-collected succulent *Euphorbia* spp. are the Dominican Republic (6'140'841), Madagascar (414'917), United States of America (315'847), Canada (202'680) and Denmark (160'935) and importing countries United States of America (6'162'231), France (277'874), Germany (229'536), the Netherlands (194'377) and Canada (143'786).

### Collectors items and illegal trade

Collectors prefer the rather small, globose and tuberculate-stemmed species. These are confined almost entirely to southern Africa in Cape Province, with a high incidence of endemism (Carter 1997). They range in form from tall, leafy stems to dwarf and much-branched plants forming domed cushions, to solitary or sparsely branched individuals with very thick stems sometimes reduced to a globose body and are some of the first succulents to be introduced into cultivation, including *E. obesa* Hooker fil. 1903, *E. meloformis* Aiton 1789, and *E. bupleurifolia* Jacquin 1797. They are all strongly represented in horticulture, but partly limited in distribution and endangered in the wild. The international market today is supplied by plants from artificial propagation. There is also a certain demand for the dwarf, globose species of Ethiopia (*E. gymnocalycioides* M. G. Gilbert & S. Carter 1984, *E. piscidermis* M. G. Gilbert 1973) and Somalia (*Euphorbia turbiniformis* Chiovenda 1929) that could be of conservation concern. Further the group of small, succulent-stemmed herbs with large, fleshy or tuberous roots which occur from the rift Valley to the Horn of Africa, contains a great number of endemics with limited distribution and some of which could become collectors items. Many species from Madagascar are in demand, especially the rather dwarf ones. Some were exported in huge quantities and this led to listing of ten species in Appendix I. These listings are presently under review, as they possibly no longer reflect the contemporary trade.

*E. bupleurifolia* is possibly partly traded outside CITES, along with other wild-collected succulent plants of South Africa that are presently in international trade to some extent (e.g. *Tylecodon* spp. [non-CITES], *Avonia* spp., *Pachypodium bispinosum* (L.f.) A. DC. [both in Appendix II]). There is some evidence for illegal trade in the cryptic, globular and partly relatively new species of Ethiopia and Somalia that are mentioned above. Further, high levels of export of wild-collected succulent *Euphorbia* spp. from Madagascar (to France) suggest that illegal trade could possibly occur along with legal trade.

### Parts and derivatives in trade

Candelilla wax, produced from *E. antisiphilitica* in northern Mexico is internationally traded under CITES. A survey is conducted in Mexico by Conabio [PC 15 Doc. 5.5 (Rev. 1)]. The species is presently included in a list of taxa for Periodical Review of Plants included in the Appendices by the Plants Committee (up to CoP 15).

### References

- Carter, S. (1997): Euphorbiaceae. In S. Oldfield, ed., Status Survey and Conservation Action Plan. Cactus and Succulent Plants. IUCN/SSC Cactus and Succulent Plant Specialist Group. Gland, Switzerland and Cambridge, UK.
- Carter, S. (2002): *Euphorbia*. In Egli, U., ed., Illustrated handbook of succulent plants. Springer, Berlin.
- Carter, S. & U. Egli (2003): The CITES Checklist of Succulent *Euphorbia* Taxa (Euphorbiaceae), 2<sup>nd</sup> edition. Federal Agency for Nature Conservation of Germany, Bonn – Bad Godesberg.
- Lüthy, J. (2006): CITES Identification Manual. CITES Succulents. The Aloes and Euphorbias of CITES Appendix I & the Genus *Pachypodium*. Federal veterinary office (CITES Management Authority), Bern, Switzerland.
- Supthut, D. & R. Landolt (1997): Madagascar 96, Rapport de Mission (3<sup>ème</sup> partie du projet CITES S-52). Zürich and Birmensdorf.
- Taylor, K. (2001): Review of Trade in Artificially Propagated Plants. Royal Botanic Gardens, Kew.

Targeted harvest for international trade is known for a number of species from Madagascar and to much lesser extent from South Africa. Growth forms and minimum dimensions clearly exclude these taxa from the scope of this proposal.

INTERNATIONAL TRADE IN SUCCULENT *EUPHORBIA* SPP.

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia abdelkuri	live		CZ						1	
Euphorbia abdelkuri	live		DE			6				
Euphorbia abdelkuri	live		ES		6					
Euphorbia abdelkuri	live		TH					13	1	
	<b>total</b>				<b>6</b>	<b>6</b>		<b>13</b>	<b>2</b>	
Euphorbia abyssinica	live		AT	6	14	48				
Euphorbia abyssinica	live		BE		8	96				
Euphorbia abyssinica	live		BR		160	80				
Euphorbia abyssinica	live		CH							176
Euphorbia abyssinica	live		CR		20439	19539	85498	179871	85781	82605
Euphorbia abyssinica	live		ES		16		12	534	525	
Euphorbia abyssinica	live		FR				2900			
Euphorbia abyssinica	live		HT	22700	176700	175580	107420	84330	100500	
Euphorbia abyssinica	live		IT		20	20				
Euphorbia abyssinica	live		MC					2		
Euphorbia abyssinica	live		NL	108		13		2		
	<b>total</b>			<b>22814</b>	<b>197357</b>	<b>195376</b>	<b>195830</b>	<b>264739</b>	<b>186806</b>	<b>82781</b>
Euphorbia actinoclada	live		US		20					
Euphorbia adjurana	live		US				10			
Euphorbia aeruginosa	live		BE			4				
Euphorbia aeruginosa	live		IL				1			
Euphorbia aeruginosa	live		IT		8	10		356		
Euphorbia aeruginosa	live		ZA	2		1				
	<b>total</b>			<b>2</b>	<b>8</b>	<b>15</b>	<b>1</b>	<b>356</b>		
Euphorbia aggregata	live		TH				1	6	23	
Euphorbia aggregata	stems		ZA	5						
	<b>total</b>			<b>5</b>			<b>1</b>	<b>6</b>	<b>23</b>	
Euphorbia albertensis	live		ZA	5						

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia alfredii	live		CH	65	40	20	25			
Euphorbia alfredii	live		MG							50
Euphorbia alfredii	live		US		20	4				
	<b>total</b>			<b>65</b>	<b>60</b>	<b>24</b>	<b>25</b>			<b>50</b>
Euphorbia ambroseae	live		US		20	20	30			
Euphorbia ammak	live		BR		100	50				
Euphorbia ammak	live		CA		500				498	
Euphorbia ammak	live		PE		140					
Euphorbia ammak	live		US	81			100			
	<b>total</b>			<b>81</b>	<b>740</b>	<b>50</b>	<b>100</b>		<b>498</b>	
Euphorbia analalavensis	cultures		MG						8	
Euphorbia analalavensis	dried plants		MG		5					
Euphorbia analalavensis	flowers		MG		1					
Euphorbia analalavensis	leaves		MG		1					
Euphorbia analalavensis	stems		MG		2					
Euphorbia angularis	live		TH	1			1			
Euphorbia angustiflora	live		US		20					
Euphorbia ankarensis	live		CH	44	5		75			
Euphorbia ankarensis	live		MG				52	159	278	
Euphorbia ankarensis	live		US			100				
Euphorbia ankarensis	live		ZA							75
	<b>total</b>			<b>44</b>	<b>5</b>	<b>100</b>	<b>127</b>	<b>159</b>	<b>278</b>	<b>75</b>
Euphorbia anoplia	live		NL						3	
Euphorbia anoplia	live		TH	10						
Euphorbia anoplia	live		ZA	55						
	<b>total</b>			<b>65</b>					<b>3</b>	
Euphorbia antiquorum	live		MC		1					
Euphorbia antiquorum	live		TH			10				
Euphorbia antiquorum	live		ZA						6	
	<b>total</b>				<b>1</b>	<b>10</b>			<b>6</b>	
Euphorbia antisyphilitica	extract	kg	CH					147	140	169
Euphorbia antisyphilitica	extract	kg	JP						70	



Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia antisyphilitica	live		MX		5					
Euphorbia antisyphilitica	wax	kg	JP							40
Euphorbia antisyphilitica	wax	kg	MX		98000	208000	191525	417151	430525	194000
Euphorbia antso	dried plants		MG		1					
Euphorbia antso	live		CH						1	
Euphorbia antso	live		MG						20	
	<b>total</b>				<b>1</b>				<b>21</b>	
Euphorbia arahaka	dried plants		MG		10					
Euphorbia arahaka	flowers		MG		2					
Euphorbia arahaka	live		MG				2			
Euphorbia arahaka	leaves		MG		2					
Euphorbia arahaka	stems		MG		1					
Euphorbia arbuscula	live		US			20				
Euphorbia arida	live		US		30	51				
Euphorbia arida	live		ZA	110		61	50			
	<b>total</b>			<b>110</b>	<b>30</b>	<b>112</b>	<b>50</b>			
Euphorbia asthenacantha	live		US				30			
Euphorbia astrophora	live		US			22				
Euphorbia astrophora	live		ZA	4		5				
	<b>total</b>			<b>4</b>		<b>27</b>				
Euphorbia atrispina var. viridis	live		DE		14					
Euphorbia atrispina var. viridis	live		ZA	110		82	24	12		
	<b>total</b>			<b>110</b>	<b>14</b>	<b>82</b>	<b>24</b>	<b>12</b>		
Euphorbia atrox	live		US		2					
Euphorbia atrox	live		ZA			5				
	<b>total</b>				<b>2</b>	<b>5</b>				
Euphorbia aureoviridiflora	live		CH	182	137	80	60	90	10	20
Euphorbia aureoviridiflora	live		MG	2			4	4	103	
	<b>total</b>			<b>184</b>	<b>137</b>	<b>80</b>	<b>64</b>	<b>94</b>	<b>113</b>	<b>20</b>
Euphorbia avasmontana	live		BE			1	1			
Euphorbia avasmontana	live		DE		17			20		

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia avasmontana	live		ES	47	6		6	274	338	
Euphorbia avasmontana	live		NA	2						
Euphorbia avasmontana	live		NL				10			
Euphorbia avasmontana	live		ZA	56						
	<b>total</b>			<b>105</b>	<b>23</b>	<b>1</b>	<b>17</b>	<b>294</b>	<b>338</b>	
Euphorbia avasmontana	roots		ZA	1						
Euphorbia бага	live		BJ	150	200					
Euphorbia baioensis	live		ES				174	36		
Euphorbia baioensis	live		IT					96		
Euphorbia baioensis	live		MX				1			
Euphorbia baioensis	live		NL			30				
Euphorbia baioensis	live		US			25	19			
Euphorbia baioensis	live		ZA	3						
	<b>total</b>			<b>3</b>		<b>55</b>	<b>194</b>	<b>132</b>		
Euphorbia balsamifera	live		TH					3	10	
Euphorbia balsamifera ssp. balsamifera	live		US	2						
Euphorbia banae	live		MG					65	3	
Euphorbia barnardii	live		DE		15					
Euphorbia barnardii	live		ZA	33			34	34		
	<b>total</b>			<b>33</b>	<b>15</b>		<b>34</b>	<b>34</b>		
Euphorbia baylissii	live		DE		10					
Euphorbia baylissii	live		US				30			
	<b>total</b>				<b>10</b>		<b>30</b>			
Euphorbia beharensis	live		MG	1			1		100	
Euphorbia beharensis	live		US		20					
	<b>total</b>			<b>1</b>	<b>20</b>		<b>1</b>		<b>100</b>	
Euphorbia berorohae	live		MG						100	
Euphorbia biaculeata	live		MG	1				27		
Euphorbia boissieri	dried plants		MG		5					
Euphorbia boissieri	flowers		MG		1					

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia boissieri	leaves		MG		1					
Euphorbia boissieri	stems		MG		4					
Euphorbia bongolavensis	live		CH	148	192	250	8			
Euphorbia bongolavensis	live		MG					282	165	
Euphorbia bongolavensis	live		TH					1		
	<b>total</b>			<b>148</b>	<b>192</b>	<b>250</b>	<b>8</b>	<b>283</b>	<b>165</b>	
Euphorbia bongolavensis	seeds		CH				3			
Euphorbia x bothae	live		ZA	2						
Euphorbia bourgaeana	live		DE						5	1
Euphorbia brakdamensis	live		US		25					
Euphorbia brakdamensis	live		ZA	111		40				
	<b>total</b>			<b>111</b>	<b>25</b>	<b>40</b>				
Euphorbia braunsii	live		US			1				
Euphorbia braunsii	live		ZA	101			13	21	160	10
	<b>total</b>			<b>101</b>		<b>1</b>	<b>13</b>	<b>21</b>	<b>160</b>	<b>10</b>
Euphorbia braunsii	seeds		ZA					10		
Euphorbia breviarticulata	live		MC						1	
Euphorbia brevirama	live		DE		1					
Euphorbia brevirama	live		ZA	22		100	100			
	<b>total</b>			<b>22</b>	<b>1</b>	<b>100</b>	<b>100</b>			
Euphorbia brevitorta	live		TH					3		
Euphorbia brevitorta	live		US				8			
	<b>total</b>						<b>8</b>	<b>3</b>		
Euphorbia brunellii	live		AT			8				
Euphorbia brunellii	live		DE	8	41					
Euphorbia brunellii	live		TH				1			
	<b>total</b>			<b>8</b>	<b>41</b>	<b>8</b>	<b>1</b>			
Euphorbia bubalina	live		ZA	60						
Euphorbia bulbispina	dried plants		MG		5					

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia bulbispina	flowers		MG		1					
Euphorbia bulbispina	live		CH	168	75	140	20	20		
Euphorbia bulbispina	live		MG				2	100	2	
Euphorbia bulbispina	live		TH				100			
	<b>total</b>			<b>168</b>	<b>75</b>	<b>140</b>	<b>122</b>	<b>120</b>	<b>2</b>	
Euphorbia bulbispina	leaves		MG		1					
Euphorbia bulbispina	seeds		CH				3			
Euphorbia bulbispina	stems		MG		5					
Euphorbia bupleurifolia	live		IT		18					
Euphorbia bupleurifolia	live		NZ				6			
Euphorbia bupleurifolia	live		TH					4		
Euphorbia bupleurifolia	live		US	75	50	42		24		30
Euphorbia bupleurifolia	live		ZA	582	1532	709	644	810	2549	224
	<b>total</b>			<b>657</b>	<b>1600</b>	<b>751</b>	<b>650</b>	<b>838</b>	<b>2549</b>	<b>254</b>
Euphorbia bupleurifolia	seeds		ZA					410		
Euphorbia burmannii	dried plants		ZA		3					
Euphorbia burmannii	live		ZA				1	14		
Euphorbia burmannii	timber pieces		ZA		3					
Euphorbia buruana	live		US		30					
Euphorbia caerulescens	live		ZA	455		21				
Euphorbia caerulescens	leaves		ZA	10						
Euphorbia caerulescens	roots		ZA	1						
Euphorbia caerulescens	stems		ZA	3				3		
Euphorbia canariensis	live		BE			94	15	4		
Euphorbia canariensis	live		CA	28	80	9714	14014	11874	902	
Euphorbia canariensis	live		DE			54				
Euphorbia canariensis	live		HT						49000	
Euphorbia canariensis	live		PE		20					
Euphorbia canariensis	live		TH			30		1		
Euphorbia canariensis	live		ZA			15				
	<b>total</b>			<b>28</b>	<b>100</b>	<b>9907</b>	<b>14029</b>	<b>11879</b>	<b>49902</b>	
Euphorbia candelabrum	live		EG						25	
Euphorbia candelabrum	live		IT						2	

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia candelabrum	live		KE			1000				
Euphorbia candelabrum	live		MC					1		
Euphorbia candelabrum	live		MX					3		
Euphorbia candelabrum	live		US	82				1797		
	<b>total</b>			<b>82</b>		<b>1000</b>		<b>1801</b>	<b>27</b>	
Euphorbia candelabrum	stems		KE		1670		4500			
Euphorbia candelabrum	stems	m	KE			769				
Euphorbia capmanambatoensis	live		CH	160	87	83	50	50	25	20
Euphorbia capmanambatoensis	live		MG				60		161	15
Euphorbia capmanambatoensis	live		TH				8			
	<b>total</b>			<b>160</b>	<b>87</b>	<b>83</b>	<b>118</b>	<b>50</b>	<b>186</b>	<b>35</b>
Euphorbia capsaintemariensis	live		US			10				
Euphorbia capuronii	live		DE	5						
Euphorbia capuronii	live		MG			5	5		2	
	<b>total</b>			<b>5</b>		<b>5</b>	<b>5</b>		<b>2</b>	
Euphorbia caput-aureum	live		MG				9			
Euphorbia caput-medusae	live		MX						320	
Euphorbia caput-medusae	live		TH				2	1		
Euphorbia caput-medusae	live		ZA	62	26	16	5	5	3	
	<b>total</b>			<b>62</b>	<b>26</b>	<b>16</b>	<b>7</b>	<b>6</b>	<b>323</b>	
Euphorbia caput-medusae	seeds		MX						400	
Euphorbia caput-medusae	seeds		ZA					5		
Euphorbia cedrorum	dried plants		MG		3					
Euphorbia cedrorum	flowers		MG		1					
Euphorbia cedrorum	leaves		MG		1					
Euphorbia cedrorum	stems		MG		2					
Euphorbia charleswilsoniana	live		DE		1	2				
Euphorbia clandestina	live		ZA	74	26	54	3		100	
Euphorbia classenii	live		ES					12		
Euphorbia classenii	live		US				30			
	<b>total</b>						<b>30</b>	<b>12</b>		

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia clava	live		ZA	22	15	35	27		1	
Euphorbia clavarioides	live		LS						10	
Euphorbia clavarioides	live		ZA	55	5	105	18	17		
	<b>total</b>			<b>55</b>	<b>5</b>	<b>105</b>	<b>18</b>	<b>17</b>	<b>10</b>	
Euphorbia clavarioides	seeds		ZA					5		
Euphorbia clavarioides var. truncata	live		DE		2					
Euphorbia clavarioides var. truncata	live		TH			1				
	<b>total</b>				<b>2</b>	<b>1</b>				
Euphorbia clivicola	live		ZA	40		40				
Euphorbia colliculina	live		DE		10				1	
Euphorbia colliculina	live		ZA	110	42	64	55	136		
	<b>total</b>			<b>110</b>	<b>52</b>	<b>64</b>	<b>55</b>	<b>136</b>	<b>1</b>	
Euphorbia columnaris	cultures		FR			2				
Euphorbia columnaris	live		CZ						1	
Euphorbia columnaris	live		DE	1			3			
Euphorbia columnaris	live		FR			1				
	<b>total</b>			<b>1</b>		<b>1</b>	<b>3</b>		<b>1</b>	
Euphorbia complexa	live		US				27			
Euphorbia confinalis	live		DE	1						
Euphorbia confinalis	live		US				30			
	<b>total</b>			<b>1</b>			<b>30</b>			
Euphorbia cooperi	live		ES		5					
Euphorbia cooperi	live		US			25				
Euphorbia cooperi	live		ZA		10	61	151	120	3	
	<b>total</b>				<b>15</b>	<b>86</b>	<b>151</b>	<b>120</b>	<b>3</b>	
Euphorbia cooperi	stems		ZA					1		
Euphorbia cooperi var. cooperi	live		ZA			5	150			
Euphorbia crassipes	live		US			1				

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia crassipes	live		ZA	230	26	25	68			
	total			230	26	26	68			
Euphorbia crispa	live		BR					7740		
Euphorbia crispa	live		TH				7			
Euphorbia crispa	live		ZA	372	103	552	684	635	761	15
	total			372	103	552	691	8375	761	15
Euphorbia crispa	seeds		ZA					310		
Euphorbia croizatii	live		CH	100	105	100		10		
Euphorbia croizatii	live		MG				609	3	1452	
Euphorbia croizatii	live		US			3	1			
	total			100	105	103	610	13	1452	
Euphorbia cryptocaulis	live		US			15				
Euphorbia cryptospinosa	live		US				30			
Euphorbia cumulata	live		US		30	25				
Euphorbia cuprispina	live		US		30	25				
Euphorbia curvirama	live		BE		4					
Euphorbia curvirama	live		ZA	2						
	total			2	4					
Euphorbia curvirama	stems		ZA	1						
Euphorbia cylindrica	live		US		2	50				
Euphorbia cylindrica	live		ZA				4			
	total				2	50	4			
Euphorbia cylindrica	roots		ZA	11						
Euphorbia davyi	live		ZA	22						
Euphorbia decepta	live		DE						1	
Euphorbia decepta	live		US		55	48				
Euphorbia decepta	live		ZA	152	52	51	72	82		
	total			152	107	99	72	82	1	

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia decidua	live		ZA		80	142	27	52	100	70
Euphorbia decidua	seeds		ZA					2		
Euphorbia deightonii	live		US		20	20	30			
Euphorbia delphinensis	live		MG		1					
Euphorbia delphinensis	live		US		30	20				
	total				31	20				
Euphorbia denisiana	live		MG						63	
Euphorbia desmondii	live		US		18					
Euphorbia didiereoides	live		CA			64				
Euphorbia didiereoides	live		CH						1	
Euphorbia didiereoides	live		DE		10					
Euphorbia didiereoides	live		ES		6					
Euphorbia didiereoides	live		MG	5					11	3
	total			5	16	64			12	3
Euphorbia dilobadena	live		DE		1					
Euphorbia dissitispina	live		US		25		30			
Euphorbia dregeana	live		ZA					5		
Euphorbia dumeticola	live		US		30					
Euphorbia duranii	live		MG				5	24	123	
Euphorbia duseimata	live		DE		20					
Euphorbia duseimata	live		ZA	44		7				
	total			44	20	7				
Euphorbia echinus	live		ES	192				37	236	
Euphorbia echinus	live		MC					1		
	total			192				38	236	
Euphorbia ecklonii	live		ZA			400	300	250	350	70
Euphorbia ecklonii	seeds		ZA					50		
Euphorbia eilensis	live		ZA			9				



Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia elegantissima	live		ES					4		
Euphorbia elegantissima	live		US				30			
	total						30	4		
Euphorbia ellenbeckii	live		ZA			7				
Euphorbia elliotii	live		DE	1						
Euphorbia elliotii	live		MG					13		
	total			1				13		
Euphorbia enopla	live		BE		36	166	165	24		
Euphorbia enopla	live		CA	39	6866	1401	1660	1641	14278	
Euphorbia enopla	live		CN					360		
Euphorbia enopla	live		DE	6						
Euphorbia enopla	live		DK		8	12				
Euphorbia enopla	live		ES	225	434				216	
Euphorbia enopla	live		FR				1000			
Euphorbia enopla	live		IT		14	3				
Euphorbia enopla	live		NL	254	949	777	498	835	150	
Euphorbia enopla	live		TH						10	
Euphorbia enopla	live		ZA	52	1	20				
	total			576	8308	2379	3323	2860	14654	
Euphorbia enormis	live		US	1						
Euphorbia enormis	live		ZA	55	10	10	40	8		40
	total			56	10	10	40	8		40
Euphorbia enterophora	dried plants		MG		24					
Euphorbia enterophora	flowers		MG		5					
Euphorbia enterophora	live		CH						4	
Euphorbia enterophora	live		MG			2	2			
Euphorbia enterophora	live		TH						3	
	total					2	2		7	
Euphorbia enterophora	leaves		MG		5					
Euphorbia enterophora	stems		MG		2					
Euphorbia ernestii	live		ZA	1						
Euphorbia ernestii	stems		ZA	4						

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia esculenta	live		ZA	80		114	57	9	10	
Euphorbia esculenta	seeds		ZA					10		
Euphorbia eustacei	live		US		30					
Euphorbia evansii	live		ZA	12						
Euphorbia excelsa	live		ZA					5		
Euphorbia eyassiana	live		US				30			
Euphorbia famatamboay	live		MG						50	50
Euphorbia famatamboay	leaves		MG				3			
Euphorbia fanshawei	live		ZA			2				
Euphorbia fasciculata	live		CA						33	
Euphorbia fasciculata	live		US	75						
Euphorbia fasciculata	live		ZA	75	2	1	3	5		
	<b>total</b>			<b>150</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>33</b>	
Euphorbia ferox	live		BE		4	484	6	10		
Euphorbia ferox	live		CA	32	114		58	3625	9313	
Euphorbia ferox	live		FR				800			
Euphorbia ferox	live		NL	1	6		108			
Euphorbia ferox	live		TH						3	
Euphorbia ferox	live		ZA	60		49	3			
	<b>total</b>			<b>93</b>	<b>124</b>	<b>533</b>	<b>975</b>	<b>3635</b>	<b>9316</b>	
Euphorbia fianarantsoae	live		MG				12	7	145	
Euphorbia fiherenensis	live		US		30	100				
Euphorbia filiflora	live		DE		10					
Euphorbia filiflora	live		ZA	132		30			100	
	<b>total</b>			<b>132</b>	<b>10</b>	<b>30</b>			<b>100</b>	
Euphorbia fimbriata	live		BE		200	174				
Euphorbia fimbriata	live		CO		20					
Euphorbia fimbriata	live		NL				108			

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia fimbriata	live		TH					3		
Euphorbia fimbriata	live		ZA	60		23				
	<b>total</b>			<b>60</b>	<b>220</b>	<b>197</b>	<b>108</b>	<b>3</b>		
Euphorbia flanaganii	live		CA						66	
Euphorbia flanaganii	live		ES	60	6					
Euphorbia flanaganii	live		ZA		2					
	<b>total</b>			<b>60</b>	<b>8</b>				<b>66</b>	
Euphorbia fortissima	live		US		30	25				
Euphorbia fortuita	live		DE			1				
Euphorbia fortuita	live		ZA	22						
	<b>total</b>			<b>22</b>		<b>1</b>				
Euphorbia friedrichiae	live		TH				113			
Euphorbia friedrichiae	live		US			1				
Euphorbia friedrichiae	live		ZA	22		7			100	30
	<b>total</b>			<b>22</b>		<b>8</b>	<b>113</b>		<b>100</b>	<b>30</b>
Euphorbia fruticosa	cultures		FR			2				
Euphorbia fruticosa	live		FR			1				
Euphorbia fruticosa	live		US		20					
Euphorbia fruticosa	live		ZA				2	2		
	<b>total</b>				<b>20</b>	<b>1</b>	<b>2</b>	<b>2</b>		
Euphorbia furcata	live		DE			7				
Euphorbia fusca	live		DE		16					
Euphorbia fusca	live		ZA	110		52	40	42		
	<b>total</b>			<b>110</b>	<b>16</b>	<b>52</b>	<b>40</b>	<b>42</b>		
Euphorbia fusiformis	live		US		30					
Euphorbia galgalana	live		DE	1						
Euphorbia galgalana	live		US	5	25	25				
	<b>total</b>			<b>6</b>	<b>25</b>	<b>25</b>				
Euphorbia gariepina	live		ZA	33		20				
Euphorbia gatbergensis	live		ZA	3	10					

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia gemmea	live		US				15			
Euphorbia genoudiana	live		CH	100	12	20		10		
Euphorbia genoudiana	live		MG	13				13		
Euphorbia genoudiana	live		US		20					
	<b>total</b>			<b>113</b>	<b>32</b>	<b>20</b>		<b>23</b>		
Euphorbia gentilis	live		ZA		2	20	3			
Euphorbia geroldii	live		CH	107	67	50				
Euphorbia geroldii	live		JP			1				
Euphorbia geroldii	live		MG				403			
Euphorbia geroldii	live		TH				3	3		
	<b>total</b>			<b>107</b>	<b>67</b>	<b>51</b>	<b>406</b>	<b>3</b>		
Euphorbia globosa	live		DE			7				
Euphorbia globosa	live		ZA	13	50		25		100	
	<b>total</b>									
Euphorbia globosa	roots		ZA	25						
Euphorbia globulicaulis	live		DE						3	
Euphorbia gorgonis	live		BE			20				
Euphorbia gorgonis	live		DE		10					
Euphorbia gorgonis	live		US			1				
Euphorbia gorgonis	live		ZA	34	74	121	11	10	41	
	<b>total</b>			<b>34</b>	<b>84</b>	<b>142</b>	<b>11</b>	<b>10</b>	<b>41</b>	
Euphorbia gorgonis	seeds		ZA					10		
Euphorbia gottlebei	live		CH	265	327	380	20	140		
Euphorbia gottlebei	live		MG	10			10		11	
Euphorbia gottlebei	live		TH					5	25	
	<b>total</b>			<b>275</b>	<b>327</b>	<b>380</b>	<b>30</b>	<b>145</b>	<b>36</b>	
Euphorbia gottlebei	seeds		CH				3			
Euphorbia graciliramea	live		DE		14					

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia grandialata	live		MC					1		
Euphorbia grandialata	live		NA			1				
Euphorbia grandialata	live		PE		10					
	<b>total</b>				<b>10</b>	<b>1</b>		<b>1</b>		
Euphorbia grandicornis	live		CR		500					
Euphorbia grandicornis	live		DE	10						
Euphorbia grandicornis	live		PE		220	25				
Euphorbia grandicornis	live		ZA	24		390		150		
	<b>total</b>			<b>34</b>	<b>720</b>	<b>415</b>		<b>150</b>		
Euphorbia grandidens	live		PL	1						
Euphorbia grandidens	live		ZA	26						
	<b>total</b>			<b>27</b>						
Euphorbia grandidens	stems		ZA	1						
Euphorbia graniticola	live		US				30			
Euphorbia greenwayi	live		ES	5						
Euphorbia gregaria	dried plants		NA					1		
Euphorbia gregaria	live		NA					1		
Euphorbia gregaria	roots	g	NA			20				
Euphorbia griseola	live		DE		10					
Euphorbia griseola	live		ES	3						
Euphorbia griseola	live		ZA	56						
	<b>total</b>			<b>59</b>	<b>10</b>					
Euphorbia griseola ssp. griseola	live		ZA	12						
Euphorbia groenewaldii	live		DE		16					
Euphorbia groenewaldii	live		TH					1		
Euphorbia groenewaldii	live		ZA	110		35			50	
	<b>total</b>			<b>110</b>	<b>16</b>	<b>35</b>		<b>1</b>	<b>50</b>	
Euphorbia gueinzii	live		US		30					
Euphorbia guillauminiana	live		CH		5		9			
Euphorbia guillauminiana	live		MG		100		40	741	189	
Euphorbia guillauminiana	live		TH					1		

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
	total				105		49	742	189	
Euphorbia guillemetii	live		MG	53						
Euphorbia guillemetii	live		US		25	40				
	total			53	25	40				
Euphorbia gummifera	dried plants		ZA		3					
Euphorbia gummifera	seeds		ZA		2					
Euphorbia gymnocalycioides	live		CZ						1	
Euphorbia gymnocalycioides	live		DE	6		2			5	
Euphorbia gymnocalycioides	live		TH					1		
Euphorbia gymnocalycioides	live		US		30	1				
	total			6	30	3		1	6	
Euphorbia hadramautica	live		DE			22			2	
Euphorbia hadramautica	live		TH					1		
Euphorbia hadramautica	live		US		45	6				
	total				45	28		1	2	
Euphorbia hallii	live		US			21				
Euphorbia hamata	dried plants		ZA		37					
Euphorbia hamata	live		ZA	128	10	90	83	5	5	
Euphorbia hamata	seeds		ZA		31			2		
Euphorbia hamata	timber pieces		ZA		6					
Euphorbia handiensis	seeds		DE			20				
Euphorbia hedyotoides	live		CH		5	30				
Euphorbia hedyotoides	live		DE	5	5	3				
Euphorbia hedyotoides	live		MG	6			360	179	234	
Euphorbia hedyotoides	live		XX			2				
	total			11	10	35	360	179	234	
Euphorbia heptagona	live		DE		10					
Euphorbia heptagona	live		ZA	22						
	total			22	10					
Euphorbia heptagona	roots		ZA	10						
Euphorbia herman-schwartzii	live		CH		5	20	7	20		20

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia herman-schwartzii	live		MG						103	13
	total				5	20	7	20	103	33
Euphorbia herrei	live		US		25					
Euphorbia heterospina	live		MC						1	
Euphorbia heterospina ssp. heterospina	live		MC						1	
Euphorbia hofstaetteri	live		CH	45	15	11	50	10		
Euphorbia hofstaetteri	live		MG					200	5	7
Euphorbia hofstaetteri	live		TH					1		
Euphorbia hofstaetteri	live		US		32	30				
	total			45	47	41	50	211	5	7
Euphorbia hopetownensis	live		DE		4					
Euphorbia hopetownensis	live		ZA	22		40	9			
	total			22	4	40	9			
Euphorbia horombensis	live		CH	219			170	35	10	50
Euphorbia horombensis	live		MG	1			5	39	60	
	total			220			175	74	70	50
Euphorbia horombensis	seeds		CH				3			
Euphorbia horrida	live		BE			15	12	15		
Euphorbia horrida	live		CA		10636	2341	223	2684	15433	
Euphorbia horrida	live		ES	441	176				3	
Euphorbia horrida	live		IT			1				
Euphorbia horrida	live		NL	225		14	126			
Euphorbia horrida	live		TH				1	1	42	
Euphorbia horrida	live		ZA	290	13	81	56	67	30	
	total			956	10825	2452	418	2767	15508	
Euphorbia horrida	leaves		ZA	8						
Euphorbia horrida	seeds		ZA					20		
Euphorbia horrida	stems		ZA	8						
Euphorbia horrida var. horrida	live		TH			1				
Euphorbia horrida var. major	live		ZA	55		2				

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia horrida var. noorsveldensis	live		ZA	55						
Euphorbia horrida var. striata	live		ZA	153						
Euphorbia horwoodii	live		DE							2
Euphorbia horwoodii	live		US		2					
Euphorbia horwoodii	live		ZA			19				
	total				2	19				2
Euphorbia hypogaea	live		ZA				4	4		
Euphorbia iharanae	live		CH	43	72	223	50		60	45
Euphorbia iharanae	live		MG						15	
	total			43	72	223	50		75	45
Euphorbia iharanae	seeds		CH				3			
Euphorbia immersa	live		US		3					
Euphorbia inaequispina	live		US			10				
Euphorbia inaequispina	live		ZA			3				
	total					13				
Euphorbia inarticulata	live		DE	5						
Euphorbia inarticulata	live		US				30			
	total			5			30			
Euphorbia inconstantia	live		ZA			2				
Euphorbia inconstantia	stems		ZA	2						
Euphorbia indecora	live		ZA		3					
Euphorbia inermis	live		BE			174				
Euphorbia inermis	live		DE					10		
Euphorbia inermis	live		ZA	90		71	3		1	100
	total			90		245	3	10	1	100
Euphorbia ingens	live		BE		26	54	6			
Euphorbia ingens	live		BR		61	60				
Euphorbia ingens	live		ES	1596	865	671	168	617	532	
Euphorbia ingens	live		HT			900	592		400	
Euphorbia ingens	live		MX						4	



Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia ingens	live		NL				598			
Euphorbia ingens	live		PE		2720	25	500	2000		
Euphorbia ingens	live		TH					1		
Euphorbia ingens	live		US					44		
Euphorbia ingens	live		ZA	11	2		18	5	5	
	<b>total</b>			<b>1607</b>	<b>3674</b>	<b>1710</b>	<b>1882</b>	<b>2667</b>	<b>941</b>	
Euphorbia ingens	seeds		ZA	2						
Euphorbia ingens	stems		ZA					1	5	
Euphorbia inornata	live		ZA	33			24	24		
Euphorbia intisy	live		JP		1		1			
Euphorbia intisy	live		MG	3						
	<b>total</b>			<b>3</b>	<b>1</b>		<b>1</b>			
Euphorbia itremensis	live		MG						543	
Euphorbia jansenvillensis	live		US			18				
Euphorbia jansenvillensis	live		ZA	13	6	4				
	<b>total</b>			<b>13</b>	<b>6</b>	<b>22</b>				
Euphorbia jansenvillensis	roots		ZA	1						
Euphorbia juglans	live		DE		6	3				
Euphorbia juglans	live		ZA	55						
	<b>total</b>			<b>55</b>	<b>6</b>	<b>3</b>				
Euphorbia kalisana	live		US		20	1				
Euphorbia kalisana	live		ZA			8				
	<b>total</b>				<b>20</b>	<b>9</b>				
Euphorbia kamerunica	dried plants		GQ		2					
Euphorbia keithii	live		US				30			
Euphorbia knobelii	live		DE		19					
Euphorbia knobelii	live		ZA	126		32	20		20	
	<b>total</b>			<b>126</b>	<b>19</b>	<b>32</b>	<b>20</b>		<b>20</b>	
Euphorbia knuthii	live		MZ		1					
Euphorbia knuthii	live		ZA	34		75	43	38		

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
<i>total</i>				<i>34</i>	<i>1</i>	<i>75</i>	<i>43</i>	<i>38</i>		
Euphorbia kondoi	live		CH					100		
Euphorbia kondoi	live		DE		1					
Euphorbia kondoi	live		MG	40			4	386	3	
Euphorbia kondoi	live		US		3					
<i>total</i>				<i>40</i>	<i>4</i>		<i>4</i>	<i>486</i>	<i>3</i>	
Euphorbia labatii	live		MG						297	
Euphorbia lactea	cultures		FR			4				
Euphorbia lactea	live		BE		3	69	3			
Euphorbia lactea	live		BR	2500	18100	50				
Euphorbia lactea	live		CN				3250	32320	3068	
Euphorbia lactea	live		CR					1500	22000	
Euphorbia lactea	live		DE	1						
Euphorbia lactea	live		DO	122295	145834	74245		89986		
Euphorbia lactea	live		ES	351	17		41		292	
Euphorbia lactea	live		HT	5100	51680	33300	39100	20750	2000	
Euphorbia lactea	live		KR			97				
Euphorbia lactea	live		PE		100					
Euphorbia lactea	live		TH	48	34860	225933	685201	608797	314258	1444
<i>total</i>				<i>130295</i>	<i>250594</i>	<i>333694</i>	<i>727595</i>	<i>753353</i>	<i>341618</i>	<i>1444</i>
Euphorbia lavrani	live		ZA			9				
Euphorbia leandriana	live		MG						500	
Euphorbia ledienii	live		ES				144	10		
Euphorbia leucodendron	dried plants		MG		7					
Euphorbia leucodendron	flowers		MG		2					
Euphorbia leucodendron	leaves		MG		2					
Euphorbia leucodendron	live		CH						1	
Euphorbia leucodendron	live		DE			10	5			
Euphorbia leucodendron	live		MG	42				4	1	
<i>total</i>				<i>42</i>		<i>10</i>	<i>5</i>	<i>4</i>	<i>2</i>	
Euphorbia leucodendron ssp. onoclada	dried plants		MG		4					
Euphorbia leucodendron ssp. onoclada	flowers		MG		1					

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia leucodendron ssp. onoclada	leaves		MG		1					
Euphorbia leucodendron ssp. onoclada	roots		US			2				
Euphorbia leucodendron ssp. onoclada	roots		ZA	2						
Euphorbia leucodendron ssp. onoclada	stems		MG		2					
Euphorbia leucodendron ssp. onoclada	live		CA			65				
Euphorbia leucodendron ssp. onoclada	live		DE				1			
Euphorbia leucodendron ssp. onoclada	live		MC						1	
Euphorbia leucodendron ssp. onoclada	live		MG		1					
Euphorbia leucodendron ssp. onoclada	live		TH						1	
Euphorbia leucodendron ssp. onoclada	live		US					15		
Euphorbia leucodendron ssp. onoclada	live		ZA	2	1					
	<b>total</b>			<b>2</b>	<b>2</b>	<b>65</b>	<b>1</b>	<b>15</b>	<b>2</b>	
Euphorbia leuconeura	live		CH		10			25		
Euphorbia leuconeura	live		MG	5				100		
	<b>total</b>			<b>5</b>	<b>10</b>			<b>125</b>		
Euphorbia lignosa	bodies		NA		1					
<b>Euphorbia x lomi</b>	live		CA		4		194013	243781	98461	
Euphorbia longispina	live		ZA			7				
Euphorbia longituberculosa	live		DE			2				
Euphorbia longituberculosa	live		US			1				
	<b>total</b>					<b>3</b>				
<b>Euphorbia lophogona</b>	dried plants		MG	35						
<b>Euphorbia lophogona</b>	extract		MG			1				
<b>Euphorbia lophogona</b>	live		CH		35	50				
<b>Euphorbia lophogona</b>	live		MG		22400		33605	21002	11605	48000
	<b>total</b>				<b>22435</b>	<b>50</b>	<b>33605</b>	<b>21002</b>	<b>11605</b>	<b>48000</b>
Euphorbia lophogona var. tenuicaulis	live		CH	12	55	50				
Euphorbia loricata	live		BE			78				
Euphorbia loricata	live		FR	5						
Euphorbia loricata	live		NL				45			
Euphorbia loricata	live		ZA					6		
	<b>total</b>			<b>5</b>		<b>78</b>	<b>51</b>			

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia louwii	live		BE			60	35			
Euphorbia louwii	live		US			30				
Euphorbia louwii	live		ZA			10				
	<b>total</b>					<b>100</b>	<b>35</b>			
Euphorbia louwii	roots		ZA	5						
Euphorbia louwii	specimens		MG		35					
Euphorbia lydenburgensis	live		ZA			1	1			
Euphorbia mahabobokensis	live		MG					9	157	18
Euphorbia mahafalensis var. xanthadenia	dried plants		MG		5					
Euphorbia mahafalensis var. xanthadenia	flowers		MG		1					
Euphorbia mahafalensis var. xanthadenia	leaves		MG		1					
Euphorbia mahafalensis var. xanthadenia	stems		MG		5					
Euphorbia mainty	dried plants		MG		6					
Euphorbia mainty	flowers		MG		1					
Euphorbia mainty	leaves		MG		1					
Euphorbia maleolens	live		TH					1		
Euphorbia maleolens	live		ZA			40	89			
	<b>total</b>									
Euphorbia mammillaris	live		BE			8				
Euphorbia mammillaris	live		CA	21	2971	274	107	83	931	
Euphorbia mammillaris	live		CN					100		
Euphorbia mammillaris	live		IL				1			
Euphorbia mammillaris	live		IT		8					
Euphorbia mammillaris	live		NL	227	1787	1287	835	699	494	
Euphorbia mammillaris	live		TH			2				
Euphorbia mammillaris	live		ZA	71		23	1			
	<b>total</b>			<b>319</b>	<b>4766</b>	<b>1594</b>	<b>944</b>	<b>882</b>	<b>1425</b>	
Euphorbia mammillaris	roots		ZA	4						
Euphorbia mammillaris	seeds		ZA				25000			
Euphorbia mangokyensis	live		MG						10	11
Euphorbia marsabitensis	live		ZA	22		8	52			

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia mauritanica	dried plants		NA					1		
Euphorbia mauritanica	dried plants		ZA		8					
Euphorbia mauritanica	leaves		ZA	10						
Euphorbia mauritanica	seeds		ZA		8					
Euphorbia mauritanica	stems		ZA	10						
Euphorbia mauritanica	live		NA					1		
Euphorbia mauritanica	live		ZA				10	12	4	
	<b>total</b>						<b>10</b>	<b>13</b>	<b>4</b>	
Euphorbia mauritanica var. mauritanica	live		ZA				10			
Euphorbia mayuranathanii	live		ES	137	28				15	
Euphorbia mayuranathanii	live		US				30			
	<b>total</b>			<b>137</b>	<b>28</b>		<b>30</b>		<b>15</b>	
Euphorbia melanohydrata	live		ZA	40					200	
Euphorbia meloformis	live		ES	129	41		25			
Euphorbia meloformis	live		TH						4	
Euphorbia meloformis	live		ZA	138	422	13	41	72		
	<b>total</b>			<b>267</b>	<b>463</b>	<b>13</b>	<b>66</b>	<b>72</b>	<b>4</b>	
Euphorbia memorialis	live		US		24					
Euphorbia meridionalis	live		MG				2			
Euphorbia micracantha	live		DE		20					
Euphorbia micracantha	live		US			1				
Euphorbia micracantha	live		ZA	111		41	74	74		
	<b>total</b>			<b>111</b>	<b>20</b>	<b>42</b>	<b>74</b>	<b>74</b>		
Euphorbia migiurtinorum	live		US		20	15				
Euphorbia milii	cultures		MG						3	
Euphorbia milii	stems		MG	100						
Euphorbia milii	live		AT		1373	1188	1324	190		
Euphorbia milii	live		BE		28	9				
Euphorbia milii	live		BR		120					
Euphorbia milii	live		CA	17955	2348	561				

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia milii	live		CH	409						149
Euphorbia milii	live		CN		3991		28500		1500	
Euphorbia milii	live		DK		605	4473	424	1114	7984	
Euphorbia milii	live		KR	240						
Euphorbia milii	live		LK			1000				
Euphorbia milii	live		MC					1		
Euphorbia milii	live		MG	205		5	86	307	165	6
Euphorbia milii	live		NL	1477						
Euphorbia milii	live		SE	576	252	293	378	120		
Euphorbia milii	live		TH		301322	409156	930813	802811	1095152	9800
	<i>total</i>			<i>20862</i>	<i>310039</i>	<i>416685</i>	<i>961525</i>	<i>804543</i>	<i>1104801</i>	<i>9955</i>
Euphorbia milii var. hislopilii	live		MG		11					
Euphorbia milii var. milii	live		CH	4						
Euphorbia milii var. milii	live		KR		40					
Euphorbia milii var. milii	live		TH	12	35579	783669				
	<i>total</i>			<i>16</i>	<i>35619</i>	<i>783669</i>				
Euphorbia milii var. roseana	live		CH		135					
Euphorbia milii var. roseana	live		MG					6		
	<i>total</i>				<i>135</i>			<i>6</i>		
Euphorbia milii var. splendens	live		CN			300				
Euphorbia milii var. splendens	live		JP			1				
Euphorbia milii var. splendens	live		XX				2000			
	<i>total</i>					<i>301</i>	<i>2000</i>			
Euphorbia milii var. tenuispina	live		CH		155	120				
Euphorbia milii var. tulearensis	live		CH	75	5	25				
Euphorbia milii var. vulcanii	live		CH	47	280	100				
Euphorbia milii var. vulcanii	live		MG				5			
Euphorbia milii var. vulcanii	live		NL				10			
	<i>total</i>			<i>47</i>	<i>280</i>	<i>100</i>	<i>15</i>			
Euphorbia millotii	live		CH	229	105	25	20	20		
Euphorbia millotii	live		MG				300			
Euphorbia millotii	live		US			53		40		
	<i>total</i>			<i>229</i>	<i>105</i>	<i>78</i>	<i>320</i>	<i>60</i>		

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia mitriformis	live		DE			2				
Euphorbia monteiri	live		ZA		10	30	1			
Euphorbia mosaica	live		US		50	40				
Euphorbia muirii	live		XX			3				
Euphorbia muirii	live		ZA		2		5			
	total				2	3	5			
Euphorbia muirii	roots		ZA	15						
Euphorbia multiceps	live		US			1				
Euphorbia multiceps	live		ZA	274	145	24	68	93	200	50
	total			274	145	25	68	93	200	50
Euphorbia multifolia	live		ZA	69	60	32	213	274		
Euphorbia namibensis	live		ZA	70		40			100	
Euphorbia namuskluftensis	live		US				10			
Euphorbia neobosseri	dried plants		MG		5					
Euphorbia neobosseri	flowers		MG		1					
Euphorbia neobosseri	leaves		MG		1					
Euphorbia neobosseri	seeds		CH				3			
Euphorbia neobosseri	stems		MG		3					
Euphorbia neobosseri	live		CH	50	45	70	40	35		20
Euphorbia neobosseri	live		MG						50	
Euphorbia neobosseri	live		TH				1			
Euphorbia neobosseri	live		US		45	50		100		50
	total			50	90	120	41	135	50	70
Euphorbia neohumbertii	live		CH	87	65		75	30		30
Euphorbia neohumbertii	live		MG	20	2			5	195	
Euphorbia neohumbertii	live		TH	2			4			
Euphorbia neohumbertii	live		US			36				20
	total			109	67	36	79	35	195	50
Euphorbia neohumbertii	seeds		CH				3			

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia neriifolia	live		TH	2	452	23	3209	815	1000	200
Euphorbia neriifolia	live		US	4						
	<b>total</b>			<b>6</b>	<b>452</b>	<b>23</b>	<b>3209</b>	<b>815</b>	<b>1000</b>	<b>200</b>
Euphorbia nesemannii	live		ZA			5				
Euphorbia nesemannii	roots		ZA	2						
Euphorbia nigrispina	live		US		25		30			
Euphorbia obesa	live		CA	639	4148	14023	2739	553	890	
Euphorbia obesa	live		CZ		10					
Euphorbia obesa	live		DE				10			
Euphorbia obesa	live		MT		3					
Euphorbia obesa	live		NL				1124	536	144	
Euphorbia obesa	live		TH		2	3	21	75	3	
Euphorbia obesa	live		ZA	29		20		30	24	150
	<b>total</b>			<b>668</b>	<b>4163</b>	<b>14046</b>	<b>3894</b>	<b>1194</b>	<b>1061</b>	<b>150</b>
Euphorbia officinarum	live		DE	5						
Euphorbia opuntioides	live		ZA			13			20	
Euphorbia ornithopus	live		ZA			1				
Euphorbia ornithopus	stems		ZA	2						
Euphorbia pachypodioides	live		CH	20			29	25		
Euphorbia pachypodioides	live		DE				1			
Euphorbia pachypodioides	live		MG	31				31	338	
Euphorbia pachypodioides	live		TH			2				
Euphorbia pachypodioides	live		US	50	50	181				
	<b>total</b>			<b>101</b>	<b>50</b>	<b>183</b>	<b>30</b>	<b>56</b>	<b>338</b>	
Euphorbia pachypodioides	roots		US			66				
Euphorbia parciramulosa	live		US				30			
Euphorbia paulianii	live		CH	1						
Euphorbia paulianii	live		MG				10	1		50
Euphorbia paulianii	live		TH			42				
	<b>total</b>			<b>1</b>		<b>42</b>	<b>10</b>	<b>1</b>		<b>50</b>
Euphorbia pedilanthoides	live		CH	95	30	50	145	97	20	30



Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia pedilanthoides	live		MG		12	5	20	255	110	53
	total			95	42	55	165	352	130	83
Euphorbia pentagona	live		FR		80					
Euphorbia pentagona	live		ZA	6		8				
	total			6	80	8				
Euphorbia pentops	live		ZA	22		25				
Euphorbia perangusta	live		DE		10					
Euphorbia perangusta	live		NA	2						
Euphorbia perangusta	live		TH				7			
Euphorbia perangusta	live		ZA	56		20	26	26	33	50
	total			58	10	20	33	26	33	50
Euphorbia perrieri	live		CH	87	5				5	
Euphorbia perrieri	live		MG					5	13	
Euphorbia perrieri	live		US			100				50
Euphorbia perrieri	live		ZA	1						
	total			88	5	100		5	18	50
Euphorbia perrieri	roots		US			3				
Euphorbia perrieri var. elongata	live		CH	96	30	20				
Euphorbia perrieri var. perrieri	live		CH	47		60				
Euphorbia persistens	live		DE		10					
Euphorbia persistens	live		NA	1						
Euphorbia persistens	live		US	1						
Euphorbia persistens	live		ZA	14		61	9	8		
	total			16	10	61	9	8		
Euphorbia persistentifolia	live		US				30			
Euphorbia persistentifolia	live		ZA	3						
	total			3			30			
Euphorbia phillipsiae	live		US		80					
Euphorbia phillipsiae	live		ZA			30				
	total				80	30				
Euphorbia phillipsioides	live		CZ						1	

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia phillipsioides	live		US			20				
Euphorbia phillipsioides	live		ZA	44		4	14			
	<b>total</b>			<b>44</b>		<b>24</b>	<b>14</b>		<b>1</b>	
Euphorbia pillansii	live		ZA	73		2				
Euphorbia pillansii var. ramosissima	live		ZA			10				
Euphorbia piscidermis	live		CZ						3	
Euphorbia piscidermis	live		DE	1	1				1	
Euphorbia piscidermis	live		TH					2	1	
	<b>total</b>			<b>1</b>	<b>1</b>			<b>2</b>	<b>5</b>	
Euphorbia plagiantha	dried plants		MG		4					
Euphorbia plagiantha	flowers		MG		1					
Euphorbia plagiantha	leaves		MG		1		3			
Euphorbia platyclada	live		CH		5					
Euphorbia platyclada	live		TH					1		
Euphorbia platyclada	live		US			1				
	<b>total</b>				<b>5</b>	<b>1</b>		<b>1</b>		
Euphorbia poissonii	dried plants		BJ						100	
Euphorbia poissonii	live		BJ	230	100	100	100	200	100	
Euphorbia poissonii	live		TH					1		
Euphorbia poissonii	live		US		10					
Euphorbia poissonii	live		ZA			2				
	<b>total</b>			<b>230</b>	<b>110</b>	<b>102</b>	<b>100</b>	<b>201</b>	<b>100</b>	
Euphorbia polyacantha	live		US				30			
Euphorbia polycephala	live		ZA	3		20				
Euphorbia polygona	live		BE			204				
Euphorbia polygona	live		CA	37	106	33	163	4602	164	
Euphorbia polygona	live		ZA	115	32	36	2			
	<b>total</b>			<b>152</b>	<b>138</b>	<b>273</b>	<b>165</b>	<b>4602</b>	<b>164</b>	
Euphorbia ponderosa	live		ZA	22		20				
Euphorbia primulifolia	dried plants		MG		1					

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia primulifolia	flowers		MG		1					
Euphorbia primulifolia	leaves		MG		1					
Euphorbia primulifolia	stems		MG		3					
Euphorbia primulifolia	live		DE	10						
Euphorbia primulifolia	live		MG	61	81		560	3322	1488	
	<b>total</b>			<b>71</b>	<b>81</b>		<b>560</b>	<b>3322</b>	<b>1488</b>	
Euphorbia primulifolia var. begardii	live		MG				5	25		
Euphorbia proballyana	live		US				30			
Euphorbia pseudoburuana	live		US		30	26				
Euphorbia pseudocactus	live		BE		3	11				
Euphorbia pseudocactus	live		ES	74				60	126	
Euphorbia pseudocactus	live		MX					3	1	
Euphorbia pseudocactus	live		TH			2				
Euphorbia pseudocactus	live		ZA		10	20				
	<b>total</b>			<b>74</b>	<b>13</b>	<b>33</b>		<b>63</b>	<b>127</b>	
Euphorbia pseudoglobosa	live		ES	212	32					
Euphorbia pseudoglobosa	live		ZA	2						
	<b>total</b>			<b>214</b>	<b>32</b>					
Euphorbia pubiglans	live		ZA	81		52	50		25	
Euphorbia pugniformis	live		IL				1			
Euphorbia pugniformis	live		IT			14		668		
Euphorbia pugniformis	live		NL					15		
Euphorbia pugniformis	live		ZA	235	24					
	<b>total</b>			<b>235</b>	<b>24</b>	<b>14</b>	<b>1</b>	<b>683</b>		
Euphorbia pulvinata	live		CA		3	84				
Euphorbia pulvinata	live		IT			5	10	10		
Euphorbia pulvinata	live		ZA	41	20	20	11			
	<b>total</b>			<b>41</b>	<b>23</b>	<b>109</b>	<b>21</b>	<b>10</b>		
Euphorbia pulvinata	stems		ZA	3						
Euphorbia quadrangularis	live		US			30				

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia quadrialata	live		ZA			20	35			
Euphorbia quadrispina	live		ZA			22				
Euphorbia ramiglans	live		TH				1			
Euphorbia ramiglans	live		ZA	22		45	18			
	total			22		45	19			
Euphorbia razafindratsirae	live		CH					75		
Euphorbia razafindratsirae	live		DE						4	
Euphorbia razafindratsirae	live		MG				31	147	10	
	total						31	222	14	
Euphorbia razafinjohanii	live		CH						10	10
Euphorbia regis-jubae	live		US			20				
Euphorbia resinifera	derivatives	g	DE						0.06	0.101
Euphorbia resinifera	extract	g	DE					0.09		
Euphorbia resinifera	extract	kg	DE					2.2	0.5	
Euphorbia resinifera	extract	kg	MA			50	50	12		25
Euphorbia resinifera	extract	l	MA				50			
Euphorbia resinifera	stems		ZA					1		
Euphorbia resinifera	live		AT		84	59				
Euphorbia resinifera	live		BE				12			
Euphorbia resinifera	live		CN					960		
Euphorbia resinifera	live		DE				10	10		
Euphorbia resinifera	live		ES	347	2995					
Euphorbia resinifera	live		IT		10		10			
Euphorbia resinifera	live		MA					4		
Euphorbia resinifera	live		MC					1		
Euphorbia resinifera	live		MX						1	
Euphorbia resinifera	live		NL			3614				
Euphorbia resinifera	live		TH					5		
	total			347	3089	3673	32	980	1	
Euphorbia restricta	live		DE		10					
Euphorbia restricta	live		ZA	135		25			20	30
	total			135	10	25			20	30
Euphorbia robivelonae	live		MG				250		2	11

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia rossii	live		CH	15	7	30	50	10		
Euphorbia rossii	live		DE						6	
Euphorbia rossii	live		MG				100	250		3
Euphorbia rossii	live		TH					1		
Euphorbia rossii	live		US		25		10			
	<b>total</b>			<b>15</b>	<b>32</b>	<b>30</b>	<b>160</b>	<b>261</b>	<b>6</b>	<b>3</b>
Euphorbia rubrispinosa	live		US				30			
Euphorbia rudis	live		ZA	110						
Euphorbia sakarahaensis	live		CH	70	122	50		10		
Euphorbia sakarahaensis	live		MG	1				160	170	3
Euphorbia sakarahaensis	live		US	11			30			
	<b>total</b>			<b>82</b>	<b>122</b>	<b>50</b>	<b>30</b>	<b>170</b>	<b>170</b>	<b>3</b>
Euphorbia sakarahaensis	seeds		CH				3			
Euphorbia samburuensis	live		DE			2				
Euphorbia samburuensis	live		TH				3			
Euphorbia samburuensis	live		US				27			
	<b>total</b>					<b>2</b>	<b>30</b>			
Euphorbia sapinii	live		US			11				
Euphorbia sapinii	live		ZA			8				
	<b>total</b>					<b>19</b>				
Euphorbia schinzii	live		DE		10					
Euphorbia schinzii	live		ZA	52		40				
	<b>total</b>			<b>52</b>	<b>10</b>	<b>40</b>				
Euphorbia schizacantha	live		US		30	2				
Euphorbia schizacantha	live		ZA			5	4			
	<b>total</b>				<b>30</b>	<b>7</b>	<b>4</b>			
Euphorbia schoenlandii	live		ES	1						
Euphorbia schoenlandii	live		ZA	236	25	72	17	260	1	
	<b>total</b>			<b>237</b>	<b>25</b>	<b>72</b>	<b>17</b>	<b>260</b>	<b>1</b>	
Euphorbia sekukuniensis	live		DE		11					
Euphorbia sekukuniensis	live		ZA	77			49	49		

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
<b>total</b>				<b>77</b>	<b>11</b>		<b>49</b>	<b>49</b>		
Euphorbia septentrionalis	live		DE	4						
Euphorbia sepulta	live		CZ						1	
Euphorbia sepulta	live		DE						3	
Euphorbia sepulta	live		US		30	41				
Euphorbia sepulta	live		ZA			7	4			
<b>total</b>					<b>30</b>	<b>48</b>	<b>4</b>		<b>4</b>	
Euphorbia silenifolia	live		TH					2		
Euphorbia silenifolia	live		ZA	260	557	646	428	165	325	315
<b>total</b>				<b>260</b>	<b>557</b>	<b>646</b>	<b>428</b>	<b>167</b>	<b>325</b>	<b>315</b>
Euphorbia silenifolia	seeds		ZA					15		
Euphorbia sipolisii	live		ES	6	6					
Euphorbia spinea	live		DE		1					
Euphorbia spinea	live		ZA	55		10				
<b>total</b>				<b>55</b>	<b>1</b>	<b>10</b>				
Euphorbia spiralis	live		US			1				
Euphorbia squarrosa	live		TH				1			
Euphorbia squarrosa	live		US	1						
Euphorbia squarrosa	live		ZA	267	340	64	129	25	1251	25
<b>total</b>				<b>268</b>	<b>340</b>	<b>64</b>	<b>130</b>	<b>25</b>	<b>1251</b>	<b>25</b>
Euphorbia squarrosa	roots		ZA	21						
Euphorbia squarrosa	seeds		ZA	2						
Euphorbia stapelioides	live		ZA	5						
Euphorbia stellata	live		NZ				4			
Euphorbia stellata	live		TH			1	1	1		
Euphorbia stellata	live		US	1						
Euphorbia stellata	live		ZA	201	368	212	3147	1552	2250	40
<b>total</b>				<b>202</b>	<b>368</b>	<b>213</b>	<b>3152</b>	<b>1553</b>	<b>2250</b>	<b>40</b>
Euphorbia stellata	seeds		ZA					15		

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia stellispina	live		ZA	55	8	96	73	110		
Euphorbia stellispina	roots		ZA	20						
Euphorbia stellispina var. stellispina	live		DE		1					
Euphorbia stenoclada	live		CH		5	97	120			
Euphorbia stenoclada	live		DE			3				
Euphorbia stenoclada	live		JP				2			
Euphorbia stenoclada	live		MG				10	4		
Euphorbia stenoclada	live		TH					1		
	<b>total</b>				<b>5</b>	<b>100</b>	<b>132</b>	<b>5</b>		
Euphorbia stenoclada ssp. ambatofinandrae	live		CH		5					
Euphorbia stenoclada ssp. stenoclada	live		TH				2			
Euphorbia submammillaris	live		CN					480		
Euphorbia submammillaris	live		KR		98	99				
Euphorbia submammillaris	live		NL			5				
Euphorbia submammillaris	live		ZA	24						
	<b>total</b>			<b>24</b>	<b>98</b>	<b>104</b>		<b>480</b>		
Euphorbia subscandens	live		DE			7				
Euphorbia sudanica	live		US			2	30			
Euphorbia superans	live		US			20				
Euphorbia susannae	live		CA	42	1283	10193	890	38	1001	
Euphorbia susannae	live		MG						170	
Euphorbia susannae	live		TH				1	1		
Euphorbia susannae	live		US	158	2174					50
Euphorbia susannae	live		ZA	61	6	45	1	48		
	<b>total</b>			<b>261</b>	<b>3463</b>	<b>10238</b>	<b>892</b>	<b>87</b>	<b>1171</b>	<b>50</b>
Euphorbia susannae-marnierae	live		MG					81	809	
Euphorbia symmetrica	live		TH					1		
Euphorbia symmetrica	live		US							100
Euphorbia symmetrica	live		ZA	176		139	178	280	120	
	<b>total</b>			<b>176</b>		<b>139</b>	<b>178</b>	<b>281</b>	<b>120</b>	<b>100</b>

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia tardieuana	live		MG		3		3			
Euphorbia tenuispinosa	live		MG	12						
Euphorbia tetragona	live		ZA	2						
Euphorbia tetragona	specimens	g	ZA				15	15		
Euphorbia tirucalli	extract	g	VN				36			
Euphorbia tirucalli	leaves		CR		4000					
Euphorbia tirucalli	leaves		MG				3			
Euphorbia tirucalli	live		AT	32			12			
Euphorbia tirucalli	live		BE		23					
Euphorbia tirucalli	live		BR	4950	10000	2000	10000	10000		
Euphorbia tirucalli	live		CA						204	
Euphorbia tirucalli	live		CH			220				
Euphorbia tirucalli	live		CR	7481	10245	9163	20296	12935	14677	19396
Euphorbia tirucalli	live		DM							5000
Euphorbia tirucalli	live		DO	2500	1270			4200	3000	14239
Euphorbia tirucalli	live		ES				165	331	80	
Euphorbia tirucalli	live		HT					108		
Euphorbia tirucalli	live		LK	12500	6500	3000		100		
Euphorbia tirucalli	live		MG	30			2			
Euphorbia tirucalli	live		PH		1750	3040	3770	6450	17400	1100
Euphorbia tirucalli	live		TH				5			
Euphorbia tirucalli	live		ZA	6		3	1		80	
	<b>total</b>			<b>27499</b>	<b>29788</b>	<b>17426</b>	<b>34251</b>	<b>34124</b>	<b>35441</b>	<b>39735</b>
Euphorbia tortirama	live		CZ						1	
Euphorbia tortirama	live		DE		5					
Euphorbia tortirama	live		XX			5				
Euphorbia tortirama	live		ZA	22		1	15	90	179	100
	<b>total</b>			<b>22</b>	<b>5</b>	<b>6</b>	<b>15</b>	<b>90</b>	<b>180</b>	<b>100</b>
Euphorbia triaculeata	live		US		20		30			
Euphorbia triangularis	live		AT			24				
Euphorbia triangularis	live		BE			60	1			
Euphorbia triangularis	live		ES	20						
Euphorbia triangularis	live		FR				598			
Euphorbia triangularis	live		NL	108						



Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia triangularis	live		ZA	6			2			
	<b>total</b>			<b>134</b>		<b>84</b>	<b>601</b>			
Euphorbia trichadenia	live		DE		3				6	
Euphorbia trichadenia	live		ZA	281	11	377	493	353	166	
	<b>total</b>			<b>281</b>	<b>14</b>	<b>377</b>	<b>493</b>	<b>353</b>	<b>172</b>	
Euphorbia trichadenia	seeds		ZA					315		
Euphorbia tridentata	live		ZA	1						
Euphorbia tridentata	stems		ZA	3						
Euphorbia trigona	live		AT		558	168	73			
Euphorbia trigona	live		BE		1	8				
Euphorbia trigona	live		BR		100	50				
Euphorbia trigona	live		CA		601	979	135	574	810	
Euphorbia trigona	live		CN		66		700	9600	5200	
Euphorbia trigona	live		CR			14466	18410	5470	657	
Euphorbia trigona	live		DE			3				
Euphorbia trigona	live		DK		82	114				
Euphorbia trigona	live		DO			2000				
Euphorbia trigona	live		ES	24					31	
Euphorbia trigona	live		FR				1001			
Euphorbia trigona	live		HT	3729	17700	10800	15337	8700	7350	
Euphorbia trigona	live		IT			17	20			
Euphorbia trigona	live		LK		5					
Euphorbia trigona	live		MX	2500		1	16	19	1	
Euphorbia trigona	live		MY	280						
Euphorbia trigona	live		NL	215	21	225	109			
Euphorbia trigona	live		PE		20					
Euphorbia trigona	live		TH		3	2	1603			
Euphorbia trigona	live		ZA	3	15					
	<b>total</b>			<b>6751</b>	<b>19172</b>	<b>28833</b>	<b>37404</b>	<b>24363</b>	<b>14049</b>	
Euphorbia tuberculata	live		ZA	57	1	59	16	110	1	
Euphorbia tuberculatoides	live		ZA				3	4		
Euphorbia tuberosa	live		DE		1					
Euphorbia tuberosa	live		ZA	115	12	356	150	100	150	
	<b>total</b>			<b>115</b>	<b>13</b>	<b>356</b>	<b>150</b>	<b>100</b>	<b>150</b>	

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia tuberosa	seeds		ZA					50		
Euphorbia tubiglans	live		DE		18	3				
Euphorbia tubiglans	live		ZA	110						
	<b>total</b>			<b>110</b>	<b>18</b>	<b>3</b>				
Euphorbia turbiniformis	live		CZ		10	3	1		2	
Euphorbia turbiniformis	live		DE	1						
	<b>total</b>			<b>1</b>	<b>10</b>	<b>3</b>	<b>1</b>		<b>2</b>	
Euphorbia uhligiana	live		DE	2						
Euphorbia uhligiana	live		ZA	2						
	<b>total</b>			<b>4</b>						
Euphorbia umfoloziensis	live		DE		20					
Euphorbia umfoloziensis	live		ZA	194		90	4	4	30	
	<b>total</b>			<b>194</b>	<b>20</b>	<b>90</b>	<b>4</b>	<b>4</b>	<b>30</b>	
Euphorbia unispina	live		BJ	200						
Euphorbia unispina	live		DE						6	
Euphorbia unispina	live		US			11				
Euphorbia unispina	live		ZA			5				
	<b>total</b>			<b>200</b>		<b>16</b>			<b>6</b>	
Euphorbia valida	live		CA						39	
Euphorbia valida	live		CZ		40	30				
Euphorbia valida	live		FR				1000			
Euphorbia valida	live		TH			4	9	42	17	
Euphorbia valida	live		ZA	353	58	5	11			
	<b>total</b>			<b>353</b>	<b>98</b>	<b>39</b>	<b>1020</b>	<b>42</b>	<b>56</b>	
Euphorbia valida	stems		ZA	1						
Euphorbia vallis	live		US		100	20				
Euphorbia venenata	live		DE		10					
Euphorbia venenata	live		ZA	66						
	<b>total</b>			<b>66</b>	<b>10</b>					
Euphorbia venenifica	dried plants		BJ						150	
Euphorbia venenifica	live		BJ		200	200	200	200	150	

Taxon	Term	Unit	Country	2000	2001	2002	2003	2004	2005	2006
Euphorbia viguieri	dried plants		MG		8					
Euphorbia viguieri	flowers		MG		2					
Euphorbia viguieri	leaves		MG		2					
Euphorbia viguieri	stems		MG		4					
Euphorbia viguieri	live		CH	180	360	180	50	50	20	
Euphorbia viguieri	live		MG	10			600	1658	14	5
Euphorbia viguieri	live		TH						41	
	<b>total</b>			<b>190</b>	<b>360</b>	<b>180</b>	<b>650</b>	<b>1708</b>	<b>75</b>	<b>5</b>
Euphorbia viguieri var. capuroniana	live		CH	55	110	70				
Euphorbia virosa	live		BE			108		1082		
Euphorbia virosa	live		DE						3	
Euphorbia virosa	live		ZA	8			1	5	10	
	<b>total</b>			<b>8</b>		<b>108</b>	<b>1</b>	<b>1087</b>	<b>13</b>	
Euphorbia virosa	seeds		ZA					10		
Euphorbia volkmaniae	live		NA	1						
Euphorbia vulcanorum	live		IT	40						
Euphorbia vulcanorum	live		US		25		29			
	<b>total</b>			<b>40</b>	<b>25</b>		<b>29</b>			
Euphorbia waringiae	live		MG						5474	2600
Euphorbia waterbergensis	live		US				30			
Euphorbia woodii	live		ZA	80	1	23	6	5		
Euphorbia woodii	roots		ZA	50						
Euphorbia xylacantha	live		ZA			5				
Euphorbia zoutpansbergensis	live		DE		13					
Euphorbia zoutpansbergensis	live		ZA	60		27	40			
	<b>total</b>			<b>60</b>	<b>13</b>	<b>27</b>	<b>40</b>			