

APPENDIX I

COMMON PLANT NECTAR SOURCES IN MALTA, SRI LANKA,
THE GUIANAS AND BELIZE

(a) Maltese Islands	<u>Botanical Name</u>	<u>English Name</u>	<u>Maltese Name</u>
	Asphodelus microcarpus	Branched asphodel	Berwieq
	Borago officianlis	Borage	Fidloqqom
	Calamintha nepeta	Lesser Calamint	Kammilota
	Convolvulus arvensis	Bindweed	Loblieba tar-raba
	Coridothymus capitatus	Mediterranean wild thyme	Saghtar
	Diplotaxis eruroides	White wall rocket	Gargir
	Foeniculum vulgare	Fennel	Busbies Salvagg
	Freesia refracta	Freesia	Frezja
	Galactites tomentosa	Creeping Thistle	Xewk Abjad
	Gladiolus segetum	Corn Flag	Mabb il-qamh
	Heliotropium europaeum	Heliotrope	Ghobbejra bajda
	Inula viscosa	Large flea bane	Tulliera
	Malva Silvestris	Common mallow	Hobbejza
	Mattiola tricuspidata	Wild stock	Giži salvagga
	Mentha pulegium	Penny Royal	Plejju
	Narcissus tazetta	French daffodil	Narcis
	Oxalis pescaprae	Cape sorrel	Haxixa ingliza
	Papaver hybridum	Bristly Poppy	Pepprin
	Ricinus communis	Castor oil plant	Riġnu
	Rosmarinus officinalis	Rosemary	Klin
	Rubus Ulmifolius	Bramble	Gholliq
	Sonchus oleraceus	Smooth sow thistle	Tfief
	Urginea Maritima	Aeaside squill	Ghansar
	Verbascum sinuatum	Mullein	Xatbet landar
	Vicia sativa	Common vetch	Gilbiena sewda

(b) Sri Lanka	<u>Botanical Name</u>	<u>Local Name</u>	<u>Flowering month</u>
	Azadirachta indica A.Juss (Meliaceae)	Kohomba	May-June
	Chloroxylon swietenia DC (Rutaceae)	Kurutha	May-June
	Cocos mucifera L. (Palmae)	Pol	All Year
	Drypetes sepiaria (Wright & Arn.) Pax & Hoffm. (Euphorbiaceae)	Weera	April-May
	Eucalyptus camaldulensis Deheh. (Myrtaceae)	Karpantine	April-May
	E. citriodora Hook (Myrataceae)	"	June-August
	E. grandis Hill ex Maiden (Mycrataceae)	"	June-August
	E. microcorys. F. Muell (Mycrataceae)	"	June-September
	Euphoria longana Lam. (Sapindaceae)	Mora	May-July
	Feronia limonia (l) Swingle (Rutaceae)	Divul	March-April
	Hevea Brasiliensis Muell (Euphorbiaceae)	Rubber	March-April
	Madhuca longifolia (L) J.F. Macbr. (Sapotaceae)	Mee	June-July
	Manilkara hexandra (Roxb.) Dubard (Sapotaceae)	Palu	May-July
	Mallolotus albus (Roxb.) Muell Arg. (Euphorbiaceae)	Tu Kenda	April-May
	Musa paradisiaca L. (Musaceae)	Kehel	All Year
	M. sapientum L. (Musaceae)	Kehel	All Year
	Neolitsea cassia (L.) Kostermann (Lauraceae)	Davul kurundu	April-May
	Pleurostvlia opposita (well) Alston (Celastraceae)	Panakka	May-June
	Sapindus emarginatus vahl. (Sapindaceae)	Penela	February

Schleichera oleosa (Lour.) Oken. (Sapindaceae)	Kon	May-July
Syzygium assimile Thw. (Myrtaceae)	Damba	May-June
S. cordifolium (Wright) Walp. (Myrtaceae)	Damba	May-June
S. cumini (L.) Skeels (Myrtaceae)	Ma dan	July-August
Tectona grandis L.f. (Verbenaceae)	Tekka	November- February
Terminalia arjuna (Roxb.) Wright & Arn. (Combretaceae)	Kumbuk	May-June
Zyziphus mauritiana Lam. (Rhamnaceae)	Debara; masan	May-July

Flowering Phenology of some major Guianan nectar plants.

(c) The Guianas

(from Crane 1973 except where otherwise noted)

Species

Avicennia nitida	Mar-Apr, Aug-Nov.
Pterocarpus officinalis*	Jan-Mar.
Triplaris surinamensis	Aug-Nov.
Anacardium occidentale	Jan-Feb, Aug-Sep.
Tabebuia spp.	Apr-Jun.
Haematoxylon campechianum	March, Oct-Nov.
Hymenaea courbaril	March, Sep-Nov.
Inga spp.	Mar-May, Sep-Nov.
Eucalyptus spp.	Mar-Apr, Oct-Dec.
Citharexylum sp	April, November
Mikania parkeriana	Mar-Apr, Oct-Jan.
Quassia amara	April, Aug-Sep.
Wedelia trilobata	continuous
Cocos nucifera	continuous

* information from van Deursen

<i>Acacia</i> sp	September
<i>Achras sapota</i>	August
<i>Acromia mexicana</i>	January
<i>Albizzia</i> sp	January
<i>Anacardium occidentale</i>	February
<i>Anona</i> spp	February
<i>Avicennia nitida</i>	April
<i>Bixa ornella</i>	September
<i>Bucidia belizensis</i>	Feb, May
<i>Carica papaya</i>	October
<i>Cassia</i> spp	April, Sept.
<i>Ceiba pentandra</i>	April
<i>Coccoloba belizensis</i> (Standl)	March
<i>Cordia alliodora</i>	March
<i>Crescentia cujete</i>	October
<i>Cynodon dactylon</i>	August
<i>Dalbergia Stevensonii</i>	April
<i>Enterolobium cyclocarpus</i>	July
<i>Glyricidia sepium</i>	January
<i>Gossypium mexicanum</i>	August
<i>Guaiacum sanctum</i>	August
<i>Haematoxylum campechianum</i>	April
<i>Ilex panamensis</i>	April
<i>Inga</i> sp.	September
<i>Lonchocarpus</i> spp	July
<i>Mammea americana</i>	January
<i>Mimosa</i> sp	October
<i>Nectandra samiomea</i>	July
<i>Orbignya cohune</i>	April
<i>Persea americana</i>	July
<i>Phytolaca icosandra</i>	October
<i>Piscidia piscipula</i>	March
<i>Pithecolobium</i> sp.	October
<i>Psidium guajava</i>	May
<i>Rhizophora mangle</i>	October
<i>Phinorea</i> spp.	March
<i>Roystonea</i> spp.	August
<i>Rynchospora cephalotes</i>	September
<i>Sabal</i> spp.	July
<i>Sapindus saponaria</i>	June
<i>Schizolobium parahybum</i>	November
<i>Sideroxylan anyadalinum</i>	January
<i>Swietenia macrophylla</i>	March
<i>Tabebuia</i> spp	February
<i>Tamarindus indica</i>	March
<i>Terminalia obovata</i>	June
<i>Vitex</i> spp	July
<i>Zanthoxylum Kellermanii</i>	March
<i>Zea Mays</i>	February
<i>Mangifera indica</i>	January

APPENDIX II

CONVERSION OF NON-METRIC UNITS INTO SI UNITS (SYSTEME INTERNATIONAL D'UNITES)

Length	1 inch (in)	= 2.54 centimetre (cm)
	1 foot (ft)	= 30.48 cm
	1 yard (yd)	= 0.914 metre (m)
	1 mile	= 1.61 kilometre (km)
	1 Angstrom unit (AU)	= 10^{-10} m
Area	1 square inch	= 6.45 cm ²
	1 square foot	= 0.093 m ²
	1 square yard	= 0.836 m ²
	1 square mile	= 2.59 km ² = 259 hectare (ha)
	1 acre	= 0.405 ha
Volume	1 imperial pint (pt) as used in UK	= 0.568 litre
	as used in USA	= 0.473 litre
	1 imperial gallon (gal) as used in UK	= 4.55 litre
	as used in USA	= 3.79 litre
	1 imperial fluid ounce (fl oz) as used in UK	= 28.4 ml
	as used in USA	= 29.6 ml
	1 cubic inch	= 16.39 cm ³ or 16.39 ml
1 cubic foot	= 0.028 m ³	
1 cubic yard	= 0.765 m ³	
Weight	1 ounce (oz)	= 28.4 gram (g)
	1 pound (lb)	= 0.454 kilogram (kg)
	1 stone or 14 lb	= 6.35 kg
	1 cwt (long, UK) or 112 lb	= 50.8 kg
	1 cwt (short, USA) or 100 lb	= 45.4 kg
	1 zentner / centner / quintal	= 100 kg (in USSR = 50 kg)
	1 ton (long, UK) or 20 cwt (long)	= 1.016 tonne
	1 ton (short, USA) or 20 cwt (short)	= 0.9072 tonne
Weight or volume per unit area	1 lb/acre	= 1.12 kg/ha
	1 cwt/acre	= 125.4 kg/ha
	1 (imperial, UK) gal/acre	= 11.2 litre/ha
	1 (imperial, USA) gal/acre	= 9.36 litre/ha
Concentration of solutions	1 oz/(imperial, UK) gal	= 6.236 g/litre
	1 oz/(imperial, USA) gal	= 7.49 g/litre
	1 lb/cubic foot	= 16.02 g/litre
Speed	1 mile/hour (h)	= 1.61 km/h = 0.44 m/second (s)
	1 ft/second	= 1.097 km/h = 0.305 m/s
Atmospheric pressure	1 lb/square inch	= 0.070 kg/cm ² = 51.7 mm mercury

Temperature	x° Fahrenheit = $\frac{5}{9} (x - 32)^{\circ}$ Celsius			
Energy	1 calorie		=	4.186 joule (J)
	1 British thermal unit (BTU)		=	1055 J
Fractions and multiples	deci- (10 ⁻¹)	d	deca- (10 ¹)	da
	centi- (10 ⁻²)	c	hecto- (10 ²)	h
	milli- (10 ⁻³)	m	kilo- (10 ³)	k
	micro- (10 ⁻⁶)	μ	mega- (10 ⁶)	M
	nano- (10 ⁻⁹)	n	giga- (10 ⁹)	G
	pico- (10 ⁻¹²)	p	tera- (10 ¹²)	T

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