



BOTANY

Editor

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New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ARMENIA 2018 December 19 (Flora & Fauna) (Set/2)				
1166	230d	Pomegranate, <i>Punica granatum</i>	Punicaceae	Fl A
FR. SOUTH. & ANTARCTIC TERR. 2019 January 2 (Restoration of Amsterdam Island plant) (SS/1)				
612	95c	<i>Phyllica arborea</i>	Rhamnaceae	V A SS Z
GERMANY 2019 April 4 (Flower Type of 2005) (Bklt/10)				
3086	5c	Phlox, <i>Phlox paniculata</i>	Polemoniaceae	Fl A
3086a		Bklt/10 (Sc#3086)		
MOLDOVA 2019 March 14 (Flowering Shrubs) (Set/4)				
1023	1.20l	European Cranberry bush, <i>Viburnum opulus</i> 'Roseum'	Adoxaceae	Fl A
1024	2l	Lilac, <i>Syringa vulgaris</i>	Oleaceae	Fl A
1025	4l	Forsythia, <i>Forsythia</i> × <i>intermedia</i>	Oleaceae	Fl A
1026	5.75l	Jasmine, <i>Jasminum officinale</i> (= <i>Jasminus communis</i>)	Oleaceae	Fl A
MONACO 2019 February 18 (Intl. Flower Arrangement Festival) (Single)				
2959	88c	Bird-of-Paradise, <i>Strelitzia reginae</i>	Strelitziaceae	Fl B
		Lilies, <i>Lilium bulbiferum</i>	Liliaceae	Fl B
MOROCCO 2017 October 31 (Flora & Fauna) (Horiz Pair)				
1237a	3.75d	Dragon Tree, <i>Dracaena draco</i>	Asparagaceae	T A
PAPUA NEW GUINEA 2018 May 21 (Processing Coffee) (Set/4, MS/4, SS/1)				
1936	1.60k	Coffee, <i>Coffea arabica</i> (hand sorting)	Rubiaceae	Fr B
1937	3.45k	Coffee, <i>Coffea arabica</i> (roasting)	Rubiaceae	Fr B
1938	5k	Coffee, <i>Coffea arabica</i> (grinding)	Rubiaceae	Fr B
1939	6.90k	Coffee, <i>Coffea arabica</i> (packaging)	Rubiaceae	Fr B
1940a	1.60k	Coffee, <i>Coffea arabica</i> (picking berries)	Rubiaceae	Fr B
1940b	3.45k	Coffee, <i>Coffea arabica</i> (drying)	Rubiaceae	Fr B
1940c	5k	Coffee, <i>Coffea arabica</i> (packing beans)	Rubiaceae	Fr B
1940d	6.90k	Coffee, <i>Coffea arabica</i> (export)	Rubiaceae	Fr B
1941	SS 16k	Coffee, <i>Coffea arabica</i> (w/ beans)	Rubiaceae	Fr A SS Z
PARAGUAY 2017 November 6 (Atyra: Sustainable City Model) (SS/1+3 labels)				
3074	SS 5000g	U/I flowers (Cap: "potpourri de flores silvestres")		Fl U SS Z
2018 March 26 (50th anniv. Italo-Latin American Institute) (Horiz Pair)				
3079b	10000g	Oranges, <i>Citrus sinensis</i>	Rutaceae	Fl B
		Olives, <i>Olea europaea</i>	Oleaceae	Fl B
PHILIPPINES 2017 October 16 (Flowers Type of 2017) (SS/4+2 labels)				
3742a	SS 12p	<i>Begonia oxysperma</i>	Begoniaceae	Fl A SS
3742b	SS 12p	<i>Coelogyne candonensis</i>	Orchidaceae	Fl A SS
3742c	SS 12p	Jade vine, <i>Strongylodon macrobotrys</i>	Fabaceae	Fl A SS
3742d	SS 12p	<i>Plocoglottis lucbanensis</i>	Orchidaceae	Fl A SS

PHILIPPINES (continued)		2018 April 23 (Flowers) (Set/5)		
3772	1p	Jasmine, <i>Jasminum sambac</i>	Oleaceae	Fl A
3773	5p	Hibiscus, <i>Hibiscus</i> sp.	Malvaceae	Fl A U
3774	12p	Shrub Vinca, <i>Kopsia fruticosa</i>	Apocynaceae	Fl A
3775	17p	Bird-of-Paradise, <i>Strelitzia reginae</i> (issued: 2018 October 9)	Strelitziaceae	Fl A
3776	35p	Carruthers' Falseface, <i>Pseuderanthemum carruthersii</i> (= <i>reticulatum</i>)	Acanthaceae	Fl A
PITCAIRN ISLANDS		2018 November 11 (Centenary End of WWI) (MS/6)		
849a	\$1	Poppy, <i>Papaver rhoeas</i>	Papaveraceae	Fl B
849f	\$3	Poppy, <i>Papaver rhoeas</i>	Papaveraceae	Fl A
PORTUGAL		2018 May 7 (250th anniv. Ajuda Botanical Gardens) (Set/4 & SS/1)		
4012	(53c)	Gardens (w/ fountain) (inscr. "N")		V U
4013	(65c)	U/I trees (inscr. "A")		T A U
4014	(86c)	U/I trees (w/ pathway) (inscr. "E")		T A U
4015	(91c)	U/I trees (w/ stairway) (inscr. "I")		T A U
		2018 July 13 (Chocolate) (Set/4 & SS/1)		
4045	53c	Cacao, <i>Theobroma cacao</i> (pod & seeds)	Malvaceae	Fr A
4049	SS €1.50	Cacao, <i>Theobroma cacao</i> (pod & seeds)	Malvaceae	Fr A SS Z
PORTUGAL (Madeira)		2018 June 22 (600th anniv. Discovery of Madeira) (Set/4 & SS/1)		
369	53c	Corn, <i>Zea mays</i> (w/ cows)	Poaceae	Fr B
370	86c	Dragon Tree, <i>Dracaena draco</i> (w/ people)	Asparagaceae	T B
371	91c	Sugar Cane, <i>Saccharum officinarum</i> (w/ cows)	Poaceae	V B
372	SS €1.50	Dragon Tree, <i>Dracaena draco</i> (w/ man)	Asparagaceae	T B SS Z
ROMANIA		2018 August 17 (Flora & Fauna Domogled-Cerna Valley Park) (Set/4 & SS/4)		
6158	1.60l	<i>Edraianthus graminifolius</i> ssp. <i>kitaibelii</i>	Campanulaceae	Fl A
6158a		MS/5 + label (Sc#6158)		
6159	2l	<i>Primula auricula</i> ssp. <i>serratifolia</i>	Primulaceae	Fl A
6159a		MS/5 + label (Sc#6159)		
Note		SS/4 (Sc#6158–61) (printed in limited quantities)		
RUSSIA		2019 March 26 (Apple Varieties) (Block/4)		
8009a	45r	Bogatyr, <i>Malus × domestica</i>	Rosaceae	Fr A
8009b	45r	Belyi Naliv, <i>Malus × domestica</i>	Rosaceae	Fr A
8009c	45r	Antonovka Obyknoennaya, <i>Malus × domestica</i>	Rosaceae	Fr A
8009d	45r	Orlik, <i>Malus × domestica</i>	Rosaceae	Fr A
ST. THOMAS & PRINCE IS.		2016 November 10 (Rotary, Butterflies & Flowers) (MS/4 & SS/1)		
3202a	31000d	<i>Brillantaisia owariensis</i>	Acanthaceae	Fl B
3202b	31000d	Parrot's Beak, <i>Heliconia psittacorum</i>	Heliconiaceae	Fl B
3202c	31000d	<i>Sobralia macrantha</i>	Orchidaceae	Fl B
3202d	31000d	<i>Cypripedium lowii</i>	Orchidaceae	Fl B
3220	SS 120000d	<i>Sobralia macrantha</i>	Orchidaceae	Fl B SS Z
		2017 March 13 (Orchids) Set/4; SS/1		
3252a	31000d	<i>Guarianthe aurantica</i>	Orchidaceae	Fl A
3252b	31000d	<i>Laeliocattleya</i> 'Gold Digger'	Orchidaceae	Fl A
3252c	31000d	<i>Cattleya amethystoglossa</i>	Orchidaceae	Fl A
3252d	31000d	<i>Dendrobium victoriae-reginae</i>	Orchidaceae	Fl A
3271	SS 120000d	<i>Laelia cinnabarina</i> (also LL margin)	Orchidaceae	Fl A SS Z
	Margin	R: <i>Laelia flava</i>	Orchidaceae	Fl A SS Z

ST. VINCENT		2018 December 31 (Animals in World War I) (MS/4 & SS/2)		
4163	Margin	Bot: Poppy, <i>Papaver rhoeas</i>	Papaveraceae	Fl Z
4164	Margin	LL & LR: Poppy, <i>Papaver rhoeas</i>	Papaveraceae	Fl SS Z
SINGAPORE		2018 July 24 (Native Ginger Plants) (Set/4)		
1900	(30c)	<i>Zingiber singapurense</i> (inscr. "1st Local")	Zingiberaceae	Fl V A
1901	70c	<i>Cheilocostus globosus</i>	Costaceae	Fl V A
1902	90c	<i>Phrynium hirtum</i>	Marantaceae	Fl V A
1903	\$1.30	<i>Conamomum xanthophlebium</i>	Zingiberaceae	Fl V A
SLOVENIA		2019 March 22 (Hydrangeas) (Set/3 & SS/1)		
1329	€1.17	Panicle Hydrangea, <i>Hydrangea paniculata</i>	Hydrangeaceae	Fl A
1330	€1.30	Mountain Hydrangea, <i>Hydrangea macrophylla</i> ssp. <i>serrata</i> (Syn: <i>Hydrangea serrata</i>)	Hydrangeaceae	Fl A
1331	€1.31	Oakleaf Hydrangea, <i>Hydrangea quercifolia</i>	Hydrangeaceae	Fl A
1332	SS €1.40	Bigleaf Hydrangea, <i>Hydrangea macrophylla</i>	Hydrangeaceae	Fl A SS
SOUTH AFRICA		2018 May 31 (National Parks) (Set/5)		
1574a	(4.20r)	U/I tree (Mokala National Park)		T A U
SPAIN		2018, November 7 (Eucalyptus Leaf) (Single)		
Shaped as a eucalyptus leaf and impregnated with eucalyptus scent.				
4315	(€1.45)	, <i>Eucalyptus</i> sp. (inscr. "C")	Myrtaceae	V A
		2019 January 28 (Almería: 2019 Gastronomic Capital) (Single)		
4337	(70c)	Stylized Tomato (heart shaped w/ other vegetables) (inscr. "A2")		Fr S B
SRI LANKA		2019 February 26 (Spices) (Set/4 & SS/4)		
2176	15r	Cinnamon, <i>Cinnamomum zeylanicum</i>	Lauraceae	V A
2177	15r	Pepper, <i>Piper nigrum</i>	Piperaceae	Fr A
2178	15r	Cloves, <i>Syzygium aromaticum</i>	Myrtaceae	Fl A
2179	15r	Nutmeg, <i>Myristica fragrans</i>	Myristicaceae	Fr A
2179a		SS/4 (Sc#2176–79)		
SUDAN		2018 (Surcharges) (Set/4)		
667	£10	Date palm, <i>Phoenix dactylifera</i> (Sc#155a surch)	Arecaceae	T A
SWEDEN		2018, May 3 (Edible Plants & Flowers) (Horiz Strip/5 & Bklt/10)		
2821a	(9k)	Löktrav (Garlic Mustard), <i>Alliaria petiolata</i>	Brassicaceae	V B
		Luktviol (Violet), <i>Viola odorata</i>	Violaceae	Fl B
2821b	(9k)	Ramslök (Wild Garlic), <i>Allium ursinum</i>	Amaryllidaceae	V B
		Tusensköna (Daisy), <i>Bellis perennis</i>	Asteraceae	Fl B
2821c	(9k)	Vatarv (Chickweed), <i>Stellaria media</i>	Caryophyllaceae	V B
		Jordreva (Ground Ivy), <i>Glechoma hederacea</i>	Lamiaceae	Fl B
2821d	(9k)	Maskros (Dandelion), <i>Taraxacum campylodes</i>	Asteraceae	Fl B
		Alm (Elm Seeds), <i>Ulmus procera</i>	Ulmaceae	Fr B
2821e	(9k)	Sommargyllen (Bittercress), <i>Barbarea vulgaris</i>	Brassicaceae	Fl V B
		Brännässla (Nettle), <i>Urtica dioica</i>	Urticaceae	Fl V B
2821f		Bklt/10 (2ea Sc#2821a–e)		
		2019 January 10 (Tulips) (Coil Set/2, Horiz Strip/5, Bklt/10)		
2834	5k	<i>Tulipa</i> × <i>hybrida</i>	Liliaceae	Fl A
2835	21k	<i>Tulipa</i> × <i>hybrida</i>	Liliaceae	Fl A
2836a	(9k)	<i>Tulipa</i> × <i>hybrida</i> (one pink)	Liliaceae	Fl A
2836b	(9k)	<i>Tulipa</i> × <i>hybrida</i> (one pink & yellow w/ stamens)	Liliaceae	Fl A

SWEDEN (continued)

2836c	(9k)	<i>Tulipa × hybrida</i> (one pink & yellow w/o stamens)	Liliaceae	Fl A
2836d	(9k)	<i>Tulipa × hybrida</i> (one pink & one pink/yellow)	Liliaceae	Fl A
2836e	(9k)	<i>Tulipa × hybrida</i> (one pink/yellow & one red/yellow)	Liliaceae	Fl A
2836f		Bklt/10 (2ea Sc#2836a–e)		

SWITZERLAND**2018 November 15** (Medicinal Plants) (MS/4)

1703a	100c	Auricula Muris (Mouse-ear), <i>Pilosella officinarum</i>	Asteraceae	V A
1703b	100c	Aconitum, <i>Aconitum heterophyllum</i>	Ranunculaceae	V A
1703c	100c	Sea Spurge, <i>Euphorbia paralias</i> (= <i>Tithymalus paralias</i>)	Euphorbiaceae	V A
1703d	100c	Scolymus non aculeatus (Artichoke), <i>Cynara cardunculus</i>	Asteraceae	V A

2019 May 2 (Vintner's Festival) (Horiz Strip/3)

1727a	100c	Grapes, <i>Vitis vinifera</i>	Vitaceae	Fr A
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2019 May 2 (Land Art by Ivo Moosberger) (Block/4)

1728	85c	Buttercup Rings, <i>Ranunculus acris</i>	Ranunculaceae	Fl B
1729	100c	Willow Rod Spheres, <i>Salix</i> sp.	Salicaceae	V B U

SYRIA**2018** (National Environment Day) (Single)

1771	£450	U/I tree (against orange & blue bkgrd)		T A U
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TANZANIA**2018?** (Surcharges) (Set/5)

2829	1400sh	Cloves, <i>Syzygium aromaticum</i> (Sc#2520 surch)	Myrtaceae	Fr A
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THAILAND**2019 February 7** (Roses) (Single)

3050	5b	Roses, <i>Rosa × hybrida</i> (impregnated w/ rose scent)	Rosaceae	Fl A
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TOKELAU**2019 May 1** (Tradition of Sharing Foods) (Set/4 & SS/4)

501	45c	Taro leaves, <i>Colocasia esculenta</i>	Araceae	V A
502	\$1.40	Breadfruit leaves, <i>Artocarpus altilis</i>	Moraceae	V A
504	\$3	Coconuts, <i>Cocos nucifera</i>	Arecaceae	Fr A
504a		SS/4 (Sc#501–04)		

TRINIDAD & TOBAGO**2018 December 6** (200th anniv. Royal Botanic Gardens) (Set/5 & SS/1)

Each stamp is shaped like a leaf.

943	\$1	<i>Ixora</i> , <i>Ixora</i> sp.	Rubiaceae	Fl A U
944	\$2	Buttercup, <i>Ranunculus</i> sp.	Ranunculaceae	Fl A U
945	\$3.25	Black-eyed Susan, <i>Thunbergia alata</i>	Acanthaceae	Fl A
946	\$4	Flamboyant, <i>Delonix regia</i>	Fabaceae	Fl A
947	\$6.50	Croton, <i>Codiaeum variegatum</i>	Euphorbiaceae	V A
948	SS \$30	Double Chaconia, <i>Warszewiczia coccinea</i>	Rubiaceae	Fl A

UKRAINE**2018 July 13** (Flowers) (Set/4)

1159	5h	Dog Rose, <i>Rosa canina</i>	Rosaceae	Fl A
1160	5h	Lungwort, <i>Pulmonaria obscura</i>	Boraginaceae	Fl A
1161	5h	St. John's Wort, <i>Hypericum maculatum</i>	Hypericaceae	Fl A
1162	5h	Valerian, <i>Valeriana officinalis</i>	Caprifoliaceae	Fl A

2018 November 30 (Flora & Fauna Carpathian Biosphere Reserve)(MS/6)

1183b	7h	Beech tree, <i>Fagus sylvatica</i>	Fagaceae	T A MS
1183d	7h	<i>Rhododendron myrtifolium</i>	Ericaceae	Fl A MS
1183e	7h	<i>Narcissus angustifolius</i>	Amaryllidaceae	Fl A MS

URUGUAY**2018 December 21** (Centenary End of WWI) (Single)

2655	65p	Poppies, <i>Papaver rhoeas</i>	Papaveraceae	Fl A
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UZBEKISTAN**2019 January 24** (Flowers) (MS/4)

872a	900s	Pheasant's Eye, <i>Adonis vernalis</i>	Ranunculaceae	FI A MS
872b	1000s	Johnny Jump Up, <i>Viola tricolor</i>	Violaceae	FI A MS
872c	2700s	<i>Iris hippolyti</i>	Iridaceae	FI A MS
872d	2800s	Marigold, <i>Tagetes erecta</i>	Asteraceae	FI A MS

VIET NAM**2018 March 1** (Bauhinia Flowers) (Set/2 & SS/1)

3592	3000d	Orchid Tree, Mountain Ebony, <i>Bauhinia variegata</i> (denom LL)	Fabaceae	FI A
3593	3000d	Orchid Tree, Mountain Ebony, <i>Bauhinia variegata</i> (denom LR)	Fabaceae	FI A
3594	SS 14000d	Orchid Tree, Mountain Ebony, <i>Bauhinia variegata</i>	Fabaceae	FI A

WALLIS & FUTUNA**2018 September 5** (Frangipani Flowers) (MS/4)

803a	55fr	Frangipani, <i>Plumeria rubra</i> (red flowers)	Apocynaceae	FI A MS
803b	55fr	Frangipani, <i>Plumeria alba</i> (white flowers)	Apocynaceae	FI A MS
803c	55fr	Frangipani, <i>Plumeria rubra</i> (pink flowers)	Apocynaceae	FI A MS
803d	55fr	Frangipani, <i>Plumeria alba</i> (yellow flowers)	Apocynaceae	FI A MS

MALAYSIA SOUR FRUITS

On 19 June 2019, Malaysia issued a set of three stamps and a SS/1 octagonal stamp showing four variants of the "asam" plant and fruit. The stamps highlight the use and diversity of asam and how the plant grows and spreads in the natural environment. The fruits are found in the forests of Peninsular Malaysia and in Sabah and Sarawak.

According to Haidan Abdul Rahman, head of the Malaysia Post Philatelic Unit, "Often the asam is made into a pickle and the stamp series will show the other side of its use in cuisine and medicine which up to now, is rarely known by our society."

Each stamp was printed in quantities of 200,000 along with 22,000 of the souvenir sheet.

The False Mangosteen (*Garcinia xanthochymus*) fruit is 5–9 cm diameter containing yellow flesh and five oblong seeds.

Asam Embang (*Mangifera pajang*) can be up to 20 cm diameter with sweet and juicy flesh.

Asam Kelubi (*Eleiodoxa conferta*) is often pickled and used as a substitute for tamarind.

The Tamarind (*Tamarindus indica*) produces a pod-like fruit that contains a brown, edible pulp used in cuisines around the world.

