



ENTOMOLOGY

Editor

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and José Reis



New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
CURAÇAO 2017 May 3 (Butterflies) (Set/6)				
n/a	121c	Julia or Flambeau, <i>Dryas iulia</i> Fabr.	NYM, Heliconiinae	A
n/a	145c	Tropical Checkered Skipper, <i>Pyrgus oileus</i> L.	HES, Pyrginae	A
n/a	179c	Caribbean or Mangrove Buckeye, <i>Junonia evarete</i> Cramer	NYM, Nymphalinae	A
n/a	211c	Monarch, <i>Danaus plexippus</i> L. ♂	NYM, Danainae	A
n/a	308c	Small or Red Postman, <i>Heliconius erato</i> L.	NYM, Heliconiinae	A
n/a	684c	Soldier or Tropic Queen, <i>Danaus eresimus</i> Cramer ♂	NYM, Danainae	A
DJIBOUTI 2016 May 5 (Butterflies) (SS/1) (DJB16320b) (new data)				
971	SS 960fr	LR: Gorgon Copper, <i>Lycaena gorgon</i> Boisduval	LYC, Lycaeninae	Z
2017 January 30 (Butterflies) (MS/4 & SS/1) (DJB17101a&b)				
a	280fr	Pamela, <i>Perrhybris pamela</i> Stoll, ♂	PIE, Pierinae	A
b	280fr	Lemon Pansy, <i>Junonia lemonias lemonias</i> L.	NYM, Nymphalinae	A
c	280fr	Yellow Orange Tip, <i>Ixias pyrene</i> L.	PIE, Pierinae	A
d	280fr	Smoky Orange Tip, <i>Colotis euippe</i> L.	PIE, Pierinae	A
	SS 960fr	Common Jezebel, <i>Delias eucharis</i> Drury	PIE, Pierinae	A
	Margin	LL: <i>Synargis phliasus</i> Clerck.	RIO, Riodininae	Z
		UR: Blue Pansy, <i>Junonia orithya</i> L.	NYM, Nymphalinae	Z
		LR: Common Castor, <i>Ariadne merione</i> Cramer (wet season)	NYM, Biblidinae	Z
2017 January 30 (110th anniv. Scouting) (SS/1) (DJB17123b)				
n/a	SS 960fr	Crimson Tip, <i>Colotis danae</i> Fabr. (also in MR margin)	PIE, Pierinae	B
	Margin	LR: Imperial Blue Charaxes, <i>Charaxes imperialis</i> Butler	NYM, Charaxinae	Z
2017 March 15 (Darwin's Specimens) (MS/4) (DJB17221a)				
d	240fr	<i>Ceroglossus darwinii</i> Gerstaecker	CAR, Carabinae	B
2017 March 15 (Endangered Lizards) (MS/4) (DJB17224a)				
n/a	Margin	UR: U/I Dragonfly	Libellulidae	U Z
ECUADOR 2017 March 31 (Ants of Ecuador) (2ea Bklt/8)				
These stamps are in two booklets of eight each, with 2×25c, 2×50c, 2×75c and 2×\$1 in each booklet. Except for the dollar values, the publicity photos from Correos Ecuador are too blurred to read the names and to determine which value goes with which ant, but José Reis did get the names by corresponding with people in Ecuador.				
a		<i>Atta cephalotes</i> L.	FOR, Myrmicinae	A
b		<i>Eciton hamatum</i> Fabr.	FOR, Dorylinae	A
c		<i>Daceton armigerum</i> Latreille	FOR, Myrmicinae	A
d		<i>Acanthoponera minor</i> Forel	FOR, Heteroponerinae	A
e		Hairy Ant, <i>Ectatomma tuberculatum</i> Olivier	FOR, Ectatomminae	A
f		<i>Gigantiops destructor</i> Fabr.	FOR, Formicinae	A
g	\$1	Hairy Panther Ant, <i>Neoponera villosa</i> Fabr.	FOR, Ponerinae	A
h	\$1	<i>Cephalotes atratus</i> L.	FOR, Myrmicinae	A

ECUADOR (continued)

a		<i>Cephalotes spinosus</i> Mayr	FOR, Myrmicinae	A
b		<i>Odontomachus hastatus</i> Fabr.	FOR, Ponerinae	A
c		<i>Pheidole xanthogaster</i> Wilson	FOR, Myrmicinae	A
d		<i>Myrmelachista ruskii</i> Forel	FOR, Formicinae	A
e		<i>Leptogenys pucuna</i> Lattke	FOR, Ponerinae	A
f		<i>Eciton rapax</i> Smith	FOR, Dorylinae	A
g	\$1	Bullet Ant, <i>Paraponera clavata</i> Fabr.	FOR, Paraponerinae	A
h	\$1	Golden Carpenter Ant, <i>Camponotus sericeiventris</i> Guerin-Méneville	FOR, Formicinae	A

GREECE**2015 December 14** (Product Advertisements) (Set/5)

2716	72c	Honey from Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	R
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GRENADA GRENADINES**2016 December 5** (Year of the Rooster) (Pair)

2974b	\$5.50	Two very stylized Butterflies at top middle	Lepidoptera	S
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GUYANA**2014 November 24** (Year of the Ram) (MS/20)

4373a	\$80	Stylized Butterfly (Chinese character with flowers & fish)	Lepidoptera	S
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INDIA**2017 February 23** (Ladybird Beetles) (Set/4 & MS/4)

a	5r	7-Spotted Ladybird, <i>Coccinella septempunctata</i> L.	COC, Coccinellinae	A
b	5r	Pink or 12-Spotted Ladybird, <i>Coleomegilla maculata</i> DeGeer	COC, Coccinellinae	A
c	15r	22-Spot Ladybird, <i>Psyllobora vigintiduopunctata</i> L.	COC, Coccinellinae	A
d	15r	Convergent Ladybird, <i>Hippodamia convergens</i> Guerin-Méneville	COC, Coccinellinae	A

IRAN**2011 December 6** (Personalized Stamp) (Single + label)

3049A	2600r	Stylized Butterfly (on label)	Lepidoptera	S Z
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2015 July 5 (Flowers) (Set/3)

3140	1000r	U/I Butterfly (on flower)	NYM, Heliconiinae	U B
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JAMAICA**2016 October 28** (Diplomatic Relations with Mexico) (Horiz Pair)

1126a	\$60	Jamaican Swallowtail, <i>Papilio homerus</i> Fab.	PAP, Papilioninae	A
1126b	\$60	Monarch, <i>Danaus plexippus</i> L. ♂	NYM, Danainae	A

JAPAN**2016 August 10** (Mountain Day) (MS/10)

4023f	82¥	Yarigatake Eastern Blue Butterfly	LYC, Polyommatae	U
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2016 August 25 (150th anniv. Diplomatic Relations with Italy) (MS/10)

4026a	82¥	Silkworm, <i>Bombyx mori</i> L. (cocoon on mulberry leaf)	Bombycidae	B
4026b	82¥	Silk from <i>Bombyx mori</i> L. (no insect)	Bombycidae	R

2016 September 23 (Kamikochi Natural Monument) (MS/10)

4036h	82¥	Poplar Admiral, <i>Limenitis populi</i> L.	NYM, Limenitidinae	A
4036i	82¥	Orange Tip, <i>Anthocharis cardamines</i> L.	PIE, Pierinae	A
4036j	82¥	Moorland Clouded Yellow, <i>Colias palaeno</i> L.	PIE, Coliadinae	A

2017 April 28 (Oze Natural Monument) (MS/10)

g	82¥	Crimson or Dawn Skimmer, <i>Trithemis aurora</i> Burmeister	LIB, Trithemistinae	A
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LIBYA**2015 November 20** (International Children's Day) (Single)

1806	500d	Top: Garden Tiger Moth, <i>Arctia caja</i> L.	ARC, Arctiinae	C
		Ctr: Apollo, <i>Parnassius apollo</i> L.	PAP, Parnassiinae	C

MARSHALL ISLANDS**2017 February 22** (Haiku Type of 2016) (MS/20)

1151h	49c	Implied Bees ("From the planets to the humble bees, such divine choreography")		R
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PARAGUAY**2017 March 28** (Butterflies & Flowers) (MS/6+2 labels)

c	1000g	Gulf Fritillary, <i>Agraulis vanillae</i> L.	NYM, Heliconiinae	A
d	1400g	<i>Euryades duponchelii</i> Lucas	PAP, Papilioninae	A
f	2800g	U/I Butterfly	Nymphalidae	U

CARIBBEAN NETHERLANDS (Bonaire) 2016 (Butterflies) (Set/7)

n/a	88c	False Barred Sulfur, <i>Eurema elathea</i> Cramer	PIE, Coliadinae	A
n/a	88c	Caribbean Tropical Buckeye, <i>Junonia genoveva</i> Cramer	NYM, Nymphalinae	A
n/a	88c	Tropical White, <i>Appias drusilla</i> Cramer	PIE, Pierinae	A
n/a	88c	Brazilian Canna Skipper, <i>Calpododes ethlius</i> Stoll.	HES, Hesperinae	A
n/a	88c	Lyside Sulfur, <i>Kricogonia lyside</i> Godart	PIE, Coliadinae	A
n/a	88c	Red or King Cracker, <i>Hamadryas amphinome</i> L.	NYM, Biblidinae	A
n/a	88c	Gray Ministreak, <i>Ministrymon azia</i> Hewitson	LYC, Theclinae	A

CARIBBEAN NETHERLANDS (Saba) 2017 March 3 (Butterflies) (Set/4)

n/a	99c	Red Rim, <i>Biblis hyperia</i> Cramer	NYM, Biblidinae	A
n/a	99c	Little Yellow or Little Sulfur, <i>Eurema lisa</i> Boisduval & LeConte	PIE, Coliadinae	A
n/a	99c	Cassius Blue, <i>Leptotes cassius</i> Cramer	LYC, Polyommatae	A
n/a	99c	Gulf Fritillary, <i>Agraulis vanillae</i> L.	NYM, Heliconiinae	A

CARIBBEAN NETHERLANDS (St. Eustatius) 2016 (Butterflies) (Set/7)

n/a	88c	Cloudless Sulfur, <i>Phoebis sennae</i> L.	PIE, Coliadinae	A
n/a	88c	Little Yellow or Little Sulfur, <i>Eurema lisa</i> Boisduval & LeConte	PIE, Coliadinae	A
n/a	88c	Columella Scrub Hairstreak, <i>Strymon columella</i> Fabr.	LYC, Theclinae	A
n/a	88c	Hanno Blue, <i>Hemiargus hanno</i> Stoll	LYC, Polyommatae	A
n/a	88c	Manuel's Skipper, <i>Polygonus savigny</i> Latreille (Cap/Syn: <i>Polygonus manueli</i>)	HES, Pyrginae	A
n/a	88c	Acis Hairstreak, <i>Strymon acis</i> Drury	LYC, Theclinae	A
n/a	88c	Southern Broken Dash, <i>Wallengrenia otho ophites</i> Mabille	HES, Hesperinae	A

ST MARTIN**2016 January** (Lepidoptera) (4ea SS/1)

In addition to the SS listed here, there are 12 SS that depict Birds and 4ea SS that depict Frogs and Flowers. The margins of all these SS contain many assorted images of moths, butterflies, larvae, and plants from artwork by Maria Sibylla Merian (1647-1727).

n/a	SS 500c	Luna Moth, <i>Actias luna</i> L.	SAT, Saturniinae	A
n/a	SS 500c	Painted Tiger Moth, <i>Arachnis picta</i> Packard	ARC, Arctiinae	A
n/a	SS 500c	Pandorus Sphinx, <i>Eumorphia pandorus</i> Hübner	SPH, Macroglossinae	A
n/a	SS 500c	Clearwinged Mimic White, <i>Dismorphia theucharila fortunata</i> Lucas	PIE, Dismorphiinae	A

2017 March 1 (Tourism Definitives) (Set/13)

n/a	5c	Blue Wing or Blue Wave, <i>Myscelia ethusa</i> Doyere	NYM, Biblidinae	A
n/a	10c	Scarlet Mormon, <i>Papilio deiphobus rumanzovia</i> Eschscholtz ♂	PAP, Papilioninae	A
n/a	20c	Large Tree Nymph, <i>Idea leuconoe</i> Erichson	NYM, Danainae	A
n/a	500c	Blue or Leopard Lacewing, <i>Cethosia cyane</i> Drury	NYM, Heliconiinae	A

2017 March 1 (Butterflies) (MS/10)

The top row of stamps (a–e) depict the upper side of each insect. The bottom row (f–j) depict the underside.

a	10c	Tropical Milkweed Butterfly, <i>Lycorea halia</i> Hübner	NYM, Danainae	A
b	30c	<i>Caligo bellerophon</i> Stichel	NYM, Morphinae	A
c	100c	Large Tree Nymph, <i>Idea leuconoe</i> Erichson	NYM, Danainae	A
d	135c	Malachite, <i>Siproeta stelenes</i> L.	NYM, Nymphalinae	A
e	10NAf	Ceylon Blue Glassy Tiger, <i>Ideopsis similis</i> L.	NYM, Danainae	A

ST MARTIN (continued)

F	165c	Tropical Milkweed Butterfly, <i>Lycorea halia</i> Hübner	NYM, Danainae	A
g	200c	<i>Caligo bellerophon</i> Stichel	NYM, Morphinae	A
h	205c	Large Tree Nymph, <i>Idea leuconoe</i> Erichson	NYM, Danainae	A
i	260c	Malachite, <i>Siproeta stelenes</i> L.	NYM, Nymphalinae	A
j	415c	Ceylon Blue Glassy Tiger, <i>Ideopsis similis</i> L.	NYM, Danainae	A
	Margin	UR: Monarch, <i>Danaus plexippus</i> L. ♀	NYM, Danainae	Z
		Bot: Monarch, <i>Danaus plexippus</i> L. (egg thru adult stages)	NYM, Danainae	Z

SWEDEN**2017 March 16** (Butterflies) (Coil Single & Bklt/10)

a	(6.50k)	Black-Veined White, <i>Aporia crataegi</i> L.	PIE, Pierinae	A
b	(6.50k)	Orange Tip, <i>Anthocharis cardamines</i> L.	PIE, Pierinae	A
c	(6.50k)	Mazarine Blue, <i>Polyommatus semiargus</i> Rottemburg	LYC, Polyommatinae	A
d	(6.50k)	Glanville Fritillary, <i>Melitaea cinxia</i> L.	NYM, Nymphalinae	A
e	(6.50k)	Brimstone, <i>Gonepteryx rhamni</i> L.	PIE, Coliadae	A
		Bklt/10 (2ea Sc#a-e)		
		Small Tortoiseshell, <i>Nymphalis urticae</i> L. (bklt cover)	NYM, Nymphalinae	Z
	(6.50k)	Small Tortoiseshell, <i>Nymphalis urticae</i> L. (coil) (s/a)	NYM, Nymphalinae	A

UNITED NATIONS**2017 March 20** (International Day of Happiness)

j	80c	Stylized swallowtail butterfly (also in L margin)	PAP, Papilioninae	S
	Margin	L & UR: Stylized ladybird beetle	Coccinellidae	S Z

UNITED NATIONS (Vienna)**2017 March 20** (International Day of Happiness) (MS/10+10 labels)

j	80c	Stylized ladybird beetle (also on label & margin)	Coccinellidae	S
	Margin	L: Stylized swallowtail butterfly	PAP, Papilioninae	S Z

Beyond the Catalog**AZERBAIJAN****2017 April 24** (Butterflies) (MS/6) (AZRB17211a)

a	60g	Small or Alpine Apollo, <i>Parnassius phoebus</i> Fabr.	PAP, Papilioninae	A
b	60g	Aegina Number-Wing, <i>Callicore lyca</i> Doubleday	NYM, Biblidinae	A
c	60g	Crowned Hairstreak, <i>Evenus coronata</i> Hewitson	LYC, Theclinae	A
d	60g	<i>Mylothris croceus</i> Butler	PIE, Pierinae	A
e	60g	Atlas Moth, <i>Attacus atlas</i> L.	SAT, Saturniinae	A
f	60g	Purple or Violet Tip, <i>Colotis ione</i> Godart	PIE, Pierinae	A
	Margin	Ctr: <i>Telicota</i> sp. (Cap: Caucasian Dart)	HES, Hesperinae	Z

2017 April 24 (Butterflies) (MS/4) (AZRB17220a)

a	60g	<i>Dysphania militaris</i> L.	GEO, Geometrinae	A
b	60g	Eastern Tiger Swallowtail, <i>Papilio glaucus</i> L.	PAP, Papilioninae	A
c	60g	Question Mark, <i>Nymphalis interrogationis</i> Fabr.	NYM, Nymphalinae	A
d	60g	Blue Pansy, <i>Junonia orithya</i> L.	NYM, Nymphalinae	A
	Margin	Bkgrd: Common Buckeye, <i>Junonia coenia</i> Hübner	NYM, Nymphalinae	Z

CENTRAL AFRICA**2017 January 16** (Orchids & Butterflies)(MS/4 & SS/1) (CA17009a&b)

a	900fr	Common Mormon, <i>Papilio polytes</i> L.	PAP, Papilioninae	B
b	900fr	Purple Sapphire, <i>Heliophorus epicles</i> Godart	LYC, Lycaeninae	B
c	900fr	Chocolate Albatross, <i>Appias lyncida vasava</i> Fruhstorfer	PIE, Pierinae	B
d	900fr	Purple Emperor, <i>Apatura iris</i> L.	NYM, Apaturinae	B
	SS 3600fr	Indian Yellow Nawab, <i>Polyura jalyus</i> C&R Felder	NYM, Charaxinae	B
	Margin	LR: Common Jay, <i>Graphium doson</i> C&R Felder	PAP, Papilioninae	Z

CHAD**2017 March 27** (s-o-s) (MS/4) (TCH17108a)

b	850fr	Large Spotted Acraea, <i>Acraea zetes</i> L. (Gambia Sc#404)	NYM, Heliconiinae	B
d	850fr	Tiny ants (with Anteater) (Paraguay Sc#2139g)	Formicidae	R B

CHAD (continued)		2017 March 27 (Butterflies) (MS/4 & SS/1) (TCH17105a&b)		
a	850fr	Common Buckeye, <i>Junonia coenia</i> Hübner	NYM, Nymphalinae	A
b	850fr	Old World Swallowtail, <i>Papilio machaon</i> L.	PAP, Papilioninae	A
c	850fr	Luzon Painted Jezebel, <i>Delias hyparete luzonensis</i> C&R Felder	PIE, Pierinae	A
d	850fr	Red Lacewing, <i>Cethosia biblis</i> Drury	NYM, Heliconiinae	A
	SS 3300fr	Queen, <i>Danaus gilippus</i> Cramer ♂	NYM, Danainae	A
	Margin	ML: Luzon Painted Jezebel, <i>Delias hyparete luzonensis</i> C&R Felder	PIE, Pierinae	Z
		LL: Queen, <i>Danaus gilippus</i> Cramer (larva)	NYM, Danainae	Z
		UR: <i>D. hyparete luzonensis</i> C&R Felder (larva, chrysalis, & adult)	PIE, Pierinae	Z
		MR: Peacock Pansy, <i>Junonia almana</i> L.	NYM, Nymphalinae	Z
		LR: Red Lacewing, <i>Cethosia biblis</i> Drury	NYM, Heliconiinae	Z
GUINEA		2017 April 24 (Butterflies) (MS/4 & SS/1) (GU17110a&b)		
a	12500fr	Common Blue, <i>Polyommatus icarus</i> Rottemburg (verso)	LYC, Polyommatinae	A
b	12500fr	Peacock, <i>Nymphalis io</i> L.	NYM, Nymphalinae	A
c	12500fr	Painted Lady, <i>Vanessa cardui</i> L.	NYM, Nymphalinae	A
d	12500fr	Common Blue, <i>Polyommatus icarus</i> Rottemburg (recto)	LYC, Polyommatinae	A
	SS 50000fr	Monarch, <i>Danaus plexippus</i> L. ♀	NYM, Danainae	A
	Margin	LL: Peacock, <i>Nymphalis io</i> L.	NYM, Nymphalinae	Z
		R: Old World Swallowtail, <i>Papilio machaon</i> L.	PAP, Papilioninae	Z
GUINEA-BISSAU		2017 March 16 (Butterflies) (MS/5 & SS/1) (GB17201a&b)		
a	600fr	Red Flasher, <i>Panacea prola</i> Doubleday & Hewitson	NYM, Limenitidinae	A
b	600fr	Spotted Fritillary, <i>Melitaea didyma</i> Esper	NYM, Nymphalinae	A
c	600fr	Cramer's 88, <i>Diaethria clymena</i> Cramer	NYM, Biblidinae	A
d	600fr	Popinjay, <i>Stibochiona nicea</i> Gray	NYM, Cyrestinae	A
e	600fr	Painted Beauty, <i>Batesia hypochlora</i> C&R Felder	NYM, Biblidinae	A
	Margin	ML: <i>Actinote ozomene</i> Godart	NYM, Heliconiinae	Z
		Ctr: Sapho Longwing, <i>Heliconius sapho</i> Drury	NYM, Heliconiinae	Z
		MR: Florida Goatweed, <i>Anaea troglodyta floridalis</i> Johnson & Comstock	NYM, Charaxinae	Z
		LL: Common Buckeye, <i>Junonia coenia</i> Hübner	NYM, Nymphalinae	Z
	SS 3000fr	Common Tiger, <i>Mechanitis polymnia</i> L.	NYM, Danainae	A
	Margin	LL: Red or King Cracker, <i>Hamadryas amphinome</i> L.	NYM, Biblidinae	Z
		Top: Painted Jezebel, <i>Delias hyparete</i> L.	PIE, Pierinae	Z
		UR: Adonis Blue, <i>Polyommatus bellargus</i> Rottemburg	LYC, Polyommatinae	Z
		Ctr: Starry Night Metalmark, <i>Echydna punctata</i> C&R Felder	RIO, Riodininae	Z
MOZAMBIQUE		2016 November 10 (Mushrooms) (MS/4 & SS/1) (MOZ16507a&b)		
a	100m	Rainbow Shield Bug, <i>Calidea dregii</i> Germar	SCU, Scutellerinae	B
b	100m	<i>Heliocopriss andersoni</i> Bates	SCA, Scarabaeidae	B
c	100m	<i>Senaspis haemorrhoea</i> Gerstaecker	SYR, Eristalinae	B
d	100m	Picasso Bug, <i>Sphaerocoris annulus</i> Fabr.	SCU, Scutellerinae	B
	SS 350m	African Monarch, <i>Danaus chrysippus</i> L.	NYM, Danainae	B
	Margin	LR: Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	Z
		2016 November 10 (Bee-eater Birds) (MS/4 & SS/1) (MOZ16510a&b)		
a	100m	African Honeybee, <i>Apis mellifera scutellata</i> Lepeletier	API, Apinae	B
b	100m	Western Honeybee, <i>Apis mellifera</i> L. (w/ bird facing left)	API, Apinae	B
c	100m	Western Honeybee, <i>Apis mellifera</i> L. (w/ bird facing right)	API, Apinae	B
d	100m	Cape Honeybee, <i>Apis mellifera capensis</i> Eschscholtz	API, Apinae	B
	SS 350m	Western Honeybee, <i>Apis mellifera</i> L. (also in LR margin)	API, Apinae	B

MOZAMBIQUE (continued)		2016 December 29 (Butterflies) (MS/4 & SS/1) (MOZ16514a&b)	
a	100m	Bush or Eastern Scarlet, <i>Axiocerses tjoane</i> Wallengren	LYC, Theclinae A
b	100m	Large Striped Swordtail, <i>Graphium antheus</i> Cramer	PAP, Papilioninae A
c	100m	Commodore, <i>Junonia artaxia</i> Hewitson	NYM, Nymphalinae A
d	100m	Small Salmon Arab, <i>Colotis amata</i> Fabr.	PIE, Pierinae A
	SS 350m	Figtree Blue, <i>Myrina silenus</i> Fabr.	LYC, Theclinae A
	Margin	LL: Gaudy Commodore, <i>Precis octavia</i> Cramer	NYM, Nymphalinae Z
		LR: Painted Lady, <i>Vanessa cardui</i> L.	NYM, Nymphalinae Z
		2017 February 10 (Butterflies) (MS/4 & SS/1) (MOZ17109a&b)	
a	100m	Holly Blue, <i>Celastrina argiolus</i> L.	LYC, Polyommatae A
b	100m	Lesser Purple Emperor, <i>Apatura ilia</i> Denis & Schiffermüller	NYM, Apaturinae A
c	100m	Monarch, <i>Danaus plexippus</i> L. (two) ♂	NYM, Danainae A
d	100m	Peacock, <i>Nymphalis io</i> L. (two)	NYM, Nymphalinae A
	SS 350m	Eastern Tiger Swallowtail, <i>Papilio glaucus</i> L.	PAP, Papilioninae A
	Margin	Bot: Clouded Apollo, <i>Parnassius mnemosyne</i> L.	PAP, Papilioninae Z
		2017 February 10 (Bees) (MS/4 & SS/1) (MOZ17122a&b)	
a	100m	<i>Agapostemon</i> sp.	HAL, Halictinae U A
b	100m	Gypsy's Cuckoo Bumblebee, <i>Psithyrus bohemicus</i> Seidl (Cap/Syn: <i>Bombus bohemicus</i>)	API, Apinae A
c	100m	Blue-Banded Bee, <i>Amegilla cingulata</i> Fabr.	API, Apinae A
d	100m	Barbut's Cuckoo Bee, <i>Psithyrus barbutellus</i> Kirby (Cap/Syn: <i>Bombus barbutellus</i>)	API, Apinae A
	SS 350m	L: Forest Cuckoo Bee, <i>Bombus sylvestris</i> Lepeletier	API, Apinae B
		R: Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae B
	Margin	LL: Eastern Honeybee, <i>Apis cerana</i> Enderlein	API, Apinae Z
		UL & R: Neon Cuckoo Bee, <i>Thyreus nitidulus</i> Fabr.	API, Xylocopinae Z
NIGER		2017 February 20 (Butterflies) (MS/4 & SS/1) (NIG17105a&b)	
a	900fr	Clipper, <i>Parthenos sylvia apicalis</i> Moore	NYM, Limenitidinae A
b	900fr	Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae A
c	900fr	<i>Alcides agathyrus</i> Kirsch	URA, Uraniinae A
d	900fr	Brazilian Painted Lady, <i>Vanessa braziliensis</i> Moore	NYM, Nymphalinae A
	SS 3500fr	Orange-barred Sulfur, <i>Phoebis philea</i> L.	PIE, Coliadinae A
	Margin	UR: <i>Dysphania militaris</i> L.	GEO, Geometrinae Z
		LR: Common Palm Dart, <i>Telicota colon stinga</i> Evans	HES, Hesperinae Z
		2017 February 20 (Orchids) (MS/4) (NIG17106a)	
c	900fr	Brimstone, <i>Gonepteryx rhamni</i> L.	PIE, Coliadinae B
ST. THOMAS & PRINCE IS.		2017 March 13 (Butterflies) (MS/4 & SS/1) (ST17103a&b)	
a	31000d	Cream-Spot Tiger Moth, <i>Epicallia villica</i> L. (Cap: <i>Arctia</i> v.)	ARC, Arctiinae A
b	31000d	Small Heath, <i>Coenonympha pamphilus</i> L.	NYM, Satyrinae A
c	31000d	6-Spot Burnet Moth, <i>Zygaena filipendulae</i> L.	ZYG, Zygaeninae A
d	31000d	Drury's Jewel, <i>Cyclosia papilionaris</i> Drury ♀	ZYG, Chalcosiinae A
	SS 124000d	Apollo, <i>Parnassius apollo</i> L.	PAP, Parnassiinae A
	Margin	R: Peacock, <i>Nymphalis io</i> L.	NYM, Nymphalinae Z
SIERRA LEONE		2016 (Malaria) (Single) (SRL161312)	
n/a	9000Le	Stylized Mosquito	CUL, Anophelinae S B
		2017 January 30 (Ancient Egyptian Art) (MS/4) (SRL17111a)	
a	6000Le	Scarab breastplate, <i>Scarabaeus sacer</i> L.	SCA, Scarabaeinae S

SIERRA LEONE (continued)		2017 March 30 (Butterflies) (MS/4 & SS/1) (SRL17311a&b)		
a	9800Le	Giant Blue Swallowtail, <i>Papilio zalmoxis</i> Hewitson	PAP, Papilioninae	A
b	9800Le	African Monarch, <i>Danaus chrysippus</i> L.	NYM, Danainae	A
c	9800Le	Pearl Charaxes, <i>Charaxes varanes</i> Cramer	NYM, Charaxinae	A
d	9800Le	Large Striped Swordtail, <i>Graphium antheus</i> Cramer	PAP, Papilioninae	A
	SS 40000Le	African Giant Swallowtail, <i>Papilio antimachus</i> Drury	PAP, Papilioninae	A
	Margin	ML: Giant Blue Swallowtail, <i>Papilio zalmoxis</i> Hewitson	PAP, Papilioninae	Z
		LR: Blue Pansy, <i>Junonia orithya</i> L.	NYM, Nymphalinae	Z
		UL & UR: Large Striped Swordtail, <i>Graphium antheus</i> Cramer	PAP, Papilioninae	Z
SOLOMON ISLANDS		2017 April 12 (Albrecht Durer) (MS/4) (SLM17103a)		
d	\$10	<i>Lucanus cervus</i> L. ♂	LUC, Lucaninae	A
TOGO		2016 December 29 (Endangered Animals)(MS/4 & SS/1)(TG16619a&b)		
d	850fr	Large Spotted Acraea, <i>Acraea zetes</i> L. (Gambia Sc#404 s-o-s)	NYM, Heliconiinae	B
	SS 3300fr	Veined Swallowtail, <i>Graphium leonidas</i> Fabr. (Gambia Sc#406)	PAP, Papilioninae	Z
		2017 February 28 (Mushrooms) (MS/4 & SS/1) (TG17102a&b)		
b	900fr	22-Spot Ladybird, <i>Psyllobora vigintiduopunctata</i> L.	COC, Coccinellinae	B
	Margin	Top: U/I Damselflies	Odonata	U Z
	SS 3500fr	U/I Caterpillar (with mushroom)	Lepidoptera	U B
	Margin	R: 7-Spotted Ladybird, <i>Coccinella septempunctata</i> L.	COC, Coccinellinae	Z

BULLET ANT

On 31 March 2017, Ecuador issued a set of 16 stamps showing ants, including one showing the Bullet Ant (*Paraponera clavata* Fabr., Formicidae, Paraponerinae). The only species in this subfamily are this ant and two fossil ants.

Found in the rain forests of tropical Central and South America, they form colonies at the base of large trees and spend most of the time foraging in the canopy. They do not tolerate other colonies nearby and often engage in fights with such colonies.

This ant is so named because the sting is said to be the worst of any insect sting and it feels like one has been hit by a bullet.

Poneratoxin, the active ingredient in the venom, is a paralyzing neurotoxic peptide causing intense throbbing pain and burning sensation that can last 24 hours.

Indeed, this ant is known as the 24-hour Ant in Venezuela, and among the Amerindians of Brazil it is known as "one that wounds deeply." For comparison with other stings, the Schmidt's Sting Pain Index ratings run from 0 to 4. Some examples are: Fire Ant = 1, Honeybee = 2, Paper Wasp = 3, Tarantula Hawk Wasp = 4, Bullet Ant = 4+ (the only insect rated higher than 4).

As described in Wikipedia, the Sateré-Mawé people of Brazil use intentional Bullet Ant stings in their initiation rites for youths becoming warriors. They render the ants unconscious by submerging them in a natural sedative and then weave hundreds of them into large gloves made of leaves with the stingers facing inwards.

After the ants regain consciousness, the boy puts on the gloves. He must keep them on for five minutes, after which his hands and arms are temporarily paralyzed and he may shake for days. The only protection is a coating of charcoal on his hands, said to confuse the ants and inhibit their stinging. In order to complete the initiation, the boy must repeat the ordeal twenty times over the course of several months or years. [Ed. note: This is really, really stupid.]



Paraponera clavata
Ecuador, 2017