



ENTOMOLOGY

Editor

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and José Reis



New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ALGERIA 2018 October 16 (Varieties of Honey) (Set/2) (trapezoidal)				
a	25d	Western Honeybee, <i>Apis mellifera</i> L. (w/ honeycomb at UR)	API, Apinae	B
b	25d	Western Honeybee, <i>Apis mellifera</i> L. (w/ honeycomb at LL)	API, Apinae	B
ANTIGUA & BARBUDA 2018 August 28 (Royal Baby) (SS/4)				
N/A	Margin	L: Stylized Dragonflies	Odonata	S Z
2018 October 1 (Set/6)				
N/A	\$2	Brown-winged Striped Sweat Bee, <i>Agapostemon splendens</i> Lepeletier	HAL, Halictinae	A
N/A	\$3	Buff-tailed Bumblebee, <i>Bombus terrestris</i> L.	API, Apinae	A
N/A	\$4	<i>Megachile lagopoda</i> L.	MEGA, Megachilinae	A
N/A	\$5	Eastern Carpenter Bee, <i>Xylocopa virginica</i> L.	API, Xylocopinae	A
N/A	\$6	Buff-tailed Bumblebee, <i>Bombus terrestris</i> L.	API, Apinae	A
N/A	\$10	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
AUSTRALIA 2017 October 17 (Items Starting w/ Same Letter) (Set/5, Strip/5, Bklt/10)				
4697	\$1	Bluebottle Fly, <i>Calliphora vomitoria</i> L. (letter B) (perf 14¾×14)	CALL, Calliphorinae	C
4701	\$1	Blue Emperor, <i>Papilio ulysses</i> L. (letter U) (perf 14¾×14)	PAP, Papilioninae	C
4702	\$1	Bluebottle Fly, <i>Calliphora vomitoria</i> L. (letter B) (die cut 11¼)	CALL, Calliphorinae	C
4702a		Bklt/10 (Sc#4702)		
4706	\$1	Blue Emperor, <i>Papilio ulysses</i> L. (letter U) (die cut 11¼)	PAP, Papilioninae	C
4706a		Bklt/10 (Sc#4706)		
4706b		Strip/5 (Sc#4702-06)		
BELGIUM 2018 August 27 (Dragonflies) (MS/5)				
a	(€1.48)	Blue Darner, <i>Aeshna cyane</i> Muller	AES, Aeshninae	A
b	(€1.48)	Banded Agrion, <i>Calopteryx splendens</i> Harris	CAL, Calopteryginae	A
c	(€1.48)	Emperor Dragonfly, <i>Anax imperator</i> Leach	AES, Aeshninae	A
d	(€1.48)	Broad-bodied Chaser, <i>Libellula depressa</i> L.	LIB, Libellulinae	A
e	(€1.48)	Common Darter, <i>Sympetrum striolatum</i> Charpentier	LIB, Sympetrinae	A
	Margin	Top: U/I dragonfly (drawing)		U Z
BOSNIA & HERZEGOVINA 2018 October 27 (Dragonfly) (Single)				
N/A	1m	Banded Demoiselle, <i>Calopteryx splendens</i> Harris	CAL, Calopteryginae	A
COLOMBIA 2018 August 27 (Birds & Butterflies) (MS/15)				
f	1000p	Isabella Tiger, <i>Eueides isabella</i> ssp. <i>arquata</i> Stichel	NYM, Heliconiinae	A
g	1000p	Darkened Longwing, <i>Eueides procula</i> ssp. <i>edias</i> Hewitson	NYM, Heliconiinae	A
h	1000p	White-barred Longwing, <i>Heliconius cydno</i> ssp. <i>cydnides</i> Stgr.	NYM, Heliconiinae	A
i	1000p	Crimson-patched Longwing, <i>Heliconius erato</i> ssp. <i>chestertonii</i> Hew.	NYM, Heliconiinae	A
j	1000p	Doris, <i>Laparus doris</i> ssp. <i>obscurus</i> Weymer	NYM, Heliconiinae	A
	Margin	Top: Butterfly silhouette		S Z

DJIBOUTI		2017 December 11 (Bee-eaters) (MS/4 & SS/1) (DJB17611a&b)		
1316a	240fr	U/I Bee (in beak of <i>Merops apiaster</i>)	Apidae	U C
1316b	240fr	U/I Bee (in beak of <i>M. variegatus</i>)	Apidae	U C
1316c	240fr	U/I insect (in beak of <i>M. malimbicus</i>)		U C
1335	SS 950fr	U/I Dragonfly (in bird's beak) (also in margin)	Odonata	U C Z
		2017 December 11 (Butterflies) (MS/4 & SS/1) (DJB17601a&b)		
1318a	240fr	Purple Emperor, <i>Apatura iris</i> L.	NYM, Apaturinae	A
1318b	240fr	Eastern Tiger Swallowtail, <i>Papilio glaucus</i> L.	PAP, Papilioninae	A
1318c	240fr	Pipevine Swallowtail, <i>Battus philenor</i> L.	PAP, Papilioninae	A
1318d	240fr	Green Hairstreak, <i>Callophrys rubi</i> L.	LYC, Theclinae	A
1337	SS 950fr	Spicebush Swallowtail, <i>Papilio troilus</i> L.	PAP, Papilioninae	A
	Margin	UR: Monarchs, <i>Danaus plexippus</i> L. (six)	NYM, Danainae	Z
		LL & MR: Spicebush Swallowtail, <i>Papilio troilus</i> L.	PAP, Papilioninae	Z
		2017 December 11 (Orchids) (SS/1) (DJB17615b)		
1342	Margin	LL: Crimson-Speckled Moth, <i>Utetheisa pulchella</i> L.	ARC, Arctiinae	Z
		UR: Viceroy, <i>Limenitis archippus</i> Cramer	NYM, Limenitidinae	Z
ESTONIA		2018 August 23 (Mushroom) (Single)		
N/A	65c	Stylized Ant (w/ mushroom)	Formicidae	S C
FINLAND		2018 September 12 (Flora & Fauna) (Strip/5)		
a	(€1.50)	Seven-Spotted Ladybird, <i>Coccinella septempunctata</i> L.	COC, Coccinellinae	A
FRANCE		2018 May 4 (Flower Arrangements) (Bklt/10) (Red Cross)		
B785	(80c+20c)	U/I Butterflies (w/ Zinnia flowers)		U B
B785a		Bklt/10 (Sc#B776–85)		
GREECE		2018 May 20 (World Bee Day) (Set/4 & 4ea SS/1)		
Each stamp was also issued in a SS/1				
	50c	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	72c	Same species	API, Apinae	A
	80c	Same species	API, Apinae	A
	€2	Same species	API, Apinae	A
GUYANA		2018 March 14 (Butterflies) (2ea MS/4 & SS/2)		
a	\$200	Julia, <i>Dryas iulia</i> Fabr.	NYM, Heliconiinae	A
b	\$300	Cloudless Sulfur, <i>Phoebis sennae</i> L.	PIE, Coliadinae	A
c	\$400	Isabella Tiger, <i>Eueides isabella</i> Cramer	NYM, Heliconiinae	A
d	\$500	Zebra Mosaic, <i>Colobura dirce</i> L.	NYM, Nymphalinae	A
	Margin	UL: Common Clubtail, <i>Atrophanoura coon</i> Fabr. (silhouette)	PAP, Papilioninae	S Z
		UR: Stylized Butterfly silhouette	Nymphalidae	S Z
a	\$250	Red Postman, <i>Heliconius erato</i> L.	NYM, Heliconiinae	A
b	\$350	Lemon Butterfly, <i>Papilio demoleus</i> L.	PAP, Papilioninae	A
c	\$450	Doris Longwing, <i>Laparus doris</i> L.	NYM, Heliconiinae	A
d	\$550	Malachite, <i>Siproeta stelenes</i> L.	NYM, Nymphalinae	A
	Margin	UL & UR: Stylized Butterfly silhouettes	Nymphalidae	S Z
a	SS \$400	Common Morpho, <i>Morpho helenor</i> ssp. <i>peleides</i> Kollar (v)	NYM, Morphinae	A
b	SS \$400	Same species (r)	NYM, Morphinae	A
	Margin	LR: Monarch, <i>Danaus plexippus</i> L. (silhouette)	NYM, Danainae	S Z
		UL: Stylized Butterfly silhouette	Nymphalidae	S Z
		2018 November 20 (Ants) (MS/4 & SS/2)		
	\$200, 3×\$400	Harvester Ant, <i>Atta cephalotes</i> L.	FOR, Myrmicinae	A
	SS 2×\$530	Harvester Ant, <i>Atta cephalotes</i> L.	FOR, Myrmicinae	A

ISRAEL		2018 April 9 (Spring Flowers) (MS/4)			
a	4.10s	Small Copper, <i>Lycaena phlaeas</i> L.	LYC, Lycaeninae	B	
b	4.10s	U/I Butterfly	LYC, Polyommatae	U B	
c	4.10s	Black-Veined White, <i>Aporia crataegi</i> L.	PIE, Pierinae	B	
d	4.10s	U/I Beetle	?Chrysomelidae	U B	
JAPAN		2017 September 20 (Traditional Color Series #1) (MS/10)			
4148h	62¥	Stylized Dragonflies	Odonata	S U	
KAZAKHSTAN		2018 October 19 (Nature Reserves) (MS/3)			
b	500te	Apollo, <i>Parnassius apollo</i> L.	PAP, Parnassiinae	A	
	Margin	Bot: Red Admiral, <i>Vanessa atalanta</i> L.	NYM, Nymphalinae	Z	
KOREA (North)		2018 (Prague 2018 Expo) (SS/2)			
a	70w	Old World Swallowtail, <i>Papilio machaon</i> L. (round)	PAP, Papilioninae	A	
b	70w	U/I Honeybee (w/ orchid)	API, Apinae	U A	
KYRGYZSTAN		2018 September 7 (Butterflies) (Set/3 & SS/3)			
a	50s	<i>Parnassius loxias</i> ssp. <i>tashkorensis</i> Kreuzberg	PAP, Parnassiinae	A	
b	100s	<i>Colias regia</i> Grum-Grshimailo	PIE, Coliadinae	A	
c	150s	<i>Colias christophi</i> Grum-Grshimailo	PIE, Coliadinae	A	
	Margin	LL: Large Keeled Apollo, <i>Parnassius tianschanicus</i> Oberthür	PAP, Parnassiinae	Z	
LIBERIA		2018 September 8 (Moths) (2ea SS/2) (oval)			
a	\$390	Tailed Comet Moth, <i>Actias mittrei</i> Guerin-Méneville (larva)	SAT, Saturniinae	A	
b	\$390	Same species (two larvae)	SAT, Saturniinae	A	
	Margin	R: Same species (adult)	SAT, Saturniinae	Z	
a	\$390	Tailed Comet Moth, <i>Actias mittrei</i> Guerin-Méneville (w/ tails)	SAT, Saturniinae	A	
b	\$390	Same species (body less tails)	SAT, Saturniinae	A	
	Margin	Top: Same species (two larvae)	SAT, Saturniinae	Z	
		2018 October 25 (Butterflies of Africa) (MS/3) (round)			
a	\$100	Giant Blue Swallowtail, <i>Papilio zalmoxis</i> Hewitson	PAP, Papilioninae	A	
b	\$200	Blue Salamis, <i>Salamis temora</i> C&R Felder	NYM, Nymphalinae	A	
c	\$300	Blue Diadem, <i>Hypolimnna salmactis</i> Drury	NYM, Nymphalinae	A	
MALAWI		2018 (Red Surcharges)			
854	900k	E. Black & Yellow Sw'tail, <i>Papilio pelodurus</i> Butler (Sc#737 surch)	PAP, Papilioninae	A	
855	1200k	Forest Queen, <i>Euxanthe wakefieldi</i> Ward (Sc#706 surch)	NYM, Charaxinae	A	
MOLDOVA		2018 April 13 (Months of the Year) (MS/3+1 label)			
980	Margin	Label & LR: Tiny stylized Butterflies	Lepidoptera	S Z	
NEW CALEDONIA		2018 November 7 (Fauna) (Strip/3)			
b	75fr	<i>Callismilax bouabouiensis</i>	TEN, Tenebrioninae	A	
		2018 November 8 (Pollinators) (MS/4)			
c	110fr	Western Honeybee, <i>Apis mellifera</i> ssp. <i>mellifera</i> L.	API, Apinae	A	
d	110fr	New Caledonian Grass Yellow, <i>Eurema hecabe</i> ssp. <i>novacaledoniae</i>	PIE, Coliadinae	A	
	Margin	Corbet & Pendlebury	PIE, Coliadinae	Z	
		LL: Same species	PIE, Coliadinae	Z	
		Ctr & Bot: Western Honeybee, <i>Apis mellifera</i> ssp. <i>mellifera</i> L.	API, Apinae	Z	
POLAND		2018 September 30 (Beetles) (Set/2)			
N/A	3.20z	Polish Rhinoceros Beetle, <i>Oryctes nasicornis</i> ssp. <i>polonicus</i> Minck	SCA, Dynastinae	A	
N/A	3.20z	Vermilion Flat Bark Beetle, <i>Cucujus cinnaberinus</i> Scopoli	CUJ, Cucujinae	(new) A	

ROMANIA**2018 August 17** (National Parks of Romania) (Set/4)N/A 191 European Stag Beetle, *Lucanus cervus* L. LUC, Lucaninae A**ST. MARTIN****2018 October 28** (Butterflies) (MS/24)

a 100c Peacock, *Nymphalis io* L. NYM, Nymphalinae A
 b 100c Mourning Cloak, *Nymphalis antiopa* L. NYM, Nymphalinae A
 c 100c Holly Blue, *Celastrina argiolus* L. LYC, Polyommatinae A
 d 100c Ringlet, *Aphantopus hyperantus* L. NYM, Satyrinae A
 e 100c American Copper, *Lycaena phlaeas* L. LYC, Lycaeninae A
 f 100c Duke of Burgundy, *Hamearis lucina* L. RIO, Riodininae A
 g 100c Grayling, *Hipparchia semele* L. NYM, Satyrinae A
 h 100c Dingy Skipper, *Erynnis tages* L. HES, Pyrginae A
 i 100c Common Blue, *Polyommatus icarus* Rottemburg LYC, Polyommatinae A
 j 100c Bath White, *Pontia daplidice* L. PIE, Pierinae A
 k 100c European Brown Hairstreak, *Thecla betulae* L. LYC, Theclinae A
 l 100c Orange Tip, *Anthocharis cardamines* L. PIE, Pierinae A
 m 100c Large White, *Pieris brassicae* L. PIE, Pierinae A
 n 100c Red Admiral, *Vanessa atalanta* L. NYM, Nymphalinae A
 o 100c Cabbage White, *Pieris rapae* L. PIE, Pierinae A
 p 100c Arctic Skipper, *Carterocephalus palaemon* Pallas HES, Heteropterae A
 q 100c Pearl Fritillary, *Clossiana euphrosyne* L. NYM, Heliconiinae A
 r 100c Small Tortoiseshell, *Nymphalis urticae* L. NYM, Nymphalinae A
 s 100c Large Blue, *Maculinea arion* L. LYC, Polyommatinae A
 t 100c Eurasian Comma, *Nymphalis c-album* L. NYM, Nymphalinae A
 u 100c Meadow Brown, *Maniola jurtina* L. NYM, Satyrinae A
 v 100c Painted Lady, *Vanessa cardui* L. NYM, Nymphalinae A
 w 100c Purple Emperor, *Apatura iris* L. NYM, Apaturinae A
 x 100c Old World Swallowtail, *Papilio machaon* L. PAP, Papilioninae A

ST. VINCENT**2018 March 7** (Muhammad Ali) (MS/4)

4135 Margin Quote: "Float like a butterfly, sting like a bee" (no insect) R

2018 October 26 (Honeybees) (MS/4)

a \$4 Western Honeybee, *Apis mellifera* L. API, Apinae A
 b \$5 Same species API, Apinae A
 c \$6 Same species API, Apinae A
 d \$7 Same species API, Apinae A

SLOVENIA**2018 May 25** (World Bee Day) (SS/1)

1281 €1 Carnolian Honeybee, *Apis mellifera* ssp. *carnica* Pollman API, Apinae A
 Margin UL: Stylized honeybee S Z

SRI LANKA**2018 May 24** (Wild Animals of Sri Lanka) (MS/3)a 3r Sri Lankan Birdwing, *Troides darsius* Gray PAP, Papilioninae A**SWITZERLAND****2018 September 6** (Greeting Stamps) (Block/4)

1697 100c Stylized Ladybird Beetle Coccinellidae S

TONGA**2018 September 6** (Registered Mail) (Set/2)

N/A \$8 Blue Moon, *Hypolimnas bolina* ssp. *nerina* Fabr. NYM, Nymphalinae A
 N/A \$20.60 Common Eggfly, *Hypolimnas bolina* L. ♂ NYM, Nymphalinae A

2018 September 10 (Animals of the World) (Single)N/A \$10 Eastern Tiger Swallowtail, *Papilio glaucus* L. PAP, Papilioninae A**UZBEKISTAN****2018 August 6** (Flora & Fauna) (MS/8)h 3700s Lunar Yellow Underwing, *Noctua orbona* Hufnagel NOC, Noctuidae A

Beyond the Catalog

(Issues of dubious validity)

GUINEA**2018 August 8** (Mushrooms) (MS/4) (GU18323a)

d 12500fr U/I Ladybird Beetle (on mushroom) Coccinellidae U C

2018 August 8 (Extinct Species) (SS/1) (GU18324b)N/A SS 50000fr Xerces Blue, *Glaucopsyche xerces* Boisduval LYC, Polyommatinae A**2018 August 8** (Butterflies) (MS/4 & SS/1) (GU18325a&b)a 12500fr Queen Alexandra's Birdwing, *Troides alexandrae* Rothschild ♂ PAP, Papilioninae Ab 12500fr Mocker Swallowtail, *Papilio dardanus* Brown PAP, Papilioninae Ac 12500fr Monarch, *Danaus plexippus* L. NYM, Danainae Ad 12500fr Ceres Forester, *Euphaedra ceres* Fabr. NYM, Limenitidinae AN/A SS 50000fr Painted Lady, *Vanessa cardui* L. NYM, Nymphalinae AMargin LL: Queen Alexandra's B-wing, *Troides alexandrae* Roths. (chrysalis) PAP, Papilioninae Z

UR: Same species (adult) ♂ Z

LR: Same species (adult) ♀ Z

2018 August 8 (Horses) (SS/1) (GU18328b)N/A SS 50000fr Yellow Gorgon, *Meandrusa payeni* Boisduval PAP, Papilioninae BMargin Top: Amanda's Blue, *Polyommatus amandus* Schneider LYC, Polyommatinae ZLL: Red-Spotted Purple, *Limenitis arthemis* ssp. *astyanax* Fabr. NYM, Limenitidinae Z**GUINEA-BISSAU****2018 July 17** (Butterflies) (MS/5+label & SS/1+label) (GB18605a&b)a 640fr Unmarked Ceres Forester, *Euphaedra in anum* Butler NYM, Limenitidinae Ab 640fr Orange-Streak Acraea, *Acraea bonasia* Fabr. NYM, Heliconiinae Ac 640fr Leopard Fritillary, *Phalanta phalantha* Drury (mating pair) NYM, Heliconiinae Ad 640fr Clouded Flat, *Tagiades flesus* Fabr. HES, Pyrginae Ae 640fr Brown Pansy, *Junonia stygia* Aurivillius NYM, Nymphalinae ALabel Widespread Forester, *Euphaedra medon* L. NYM, Limenitidinae ZSS 3300fr Widespread Forester, *Euphaedra medon* L. NYM, Limenitidinae ALabel Unmarked Ceres Forester, *Euphaedra in anum* Butler NYM, Limenitidinae ZMargin Top: Leopard Fritillary, *Phalanta phalantha* Drury ♂ & ♀ NYM, Heliconiinae ZBot: Brown Pansy, *Junonia stygia* Aurivillius NYM, Nymphalinae ZLR: Clouded Flat, *Tagiades flesus* Fabr. HES, Pyrginae Z**MALDIVE ISLANDS****2018 August 15** (Orchids) (SS/1) (MLD18904b)Margin LL: Old World Swallowtail, *Papilio machaon* L. PAP, Papilioninae ZLR: Malachite, *Siproeta stelenes* L. NYM, Nymphalinae Z**MOZAMBIQUE****2018 August 15** (Mushrooms) (MS/4 & SS/1) (MOZ18402a&b)

a 116m U/I Grasshopper (w/ mushroom) Acrididae U B

b 116m U/I Butterfly (w/ mushroom) Lepidoptera U B

N/A SS 300m Scarce Copper, *Lycena virgaureae* L. (w/ mushroom) LYC, Lycaeninae B**NIGER****2018 June 26** (Mushrooms) (MS/4 & SS/1) (NIG18318a&b)

a 800fr U/I Grasshopper (w/ mushroom) Orthoptera B

N/A SS 3300fr Seven-spotted Ladybird, *Coccinella septempunctata* L. COC, Coccinellinae BMargin UR: Anna's Eighty-Eight, *Diaethria anna* Guerin-Méneville NYM, Biblidinae Z**2018 August 24** (Butterflies) (MS/4 & SS/1) (NIG18418a&b)a 800fr Common Morpho, *Morpho helenor peleides* Kollar NYM, Morphinae Ab 800fr Scarce Swallowtail, *Iphiclides podalirius* L. PAP, Papilioninae A(Cap: *Papilio machaon*)c 800fr Wood White, *Leptidea sinapis* L. PIE, Dismorphiinae Ad 800fr Red Anartia, *Anartia amathea* L. NYM, Nymphalinae A

NIGER (continued)

N/A	SS 3300fr	Gulf Fritillary, <i>Agraulis vanillae</i> L.	NYM, Heliconiinae	A
	Margin	LL: Same species	NYM, Heliconiinae	Z
		UR: Red Anartia, <i>Anartia amathea</i> L.	NYM, Nymphalinae	Z
		LR: Clipper, <i>Parthenos sylvia</i> Cramer	NYM, Limenitidinae	Z

SIERRA LEONE

2018 September 28 (Butterflies) (MS/6 & SS/1) (SRL18810a&b)

a	9800le	Spring Azure, <i>Celastrina ladon</i> Cramer	LYC, Polyommatinae	A
b	9800le	Queen Alexandra’s Birdwing, <i>Troides alexandrae</i> Rothschild	PAP, Papilioninae	A
c	9800le	Eastern Tiger Swallowtail <i>Papilio glaucus</i> L. ♀	PAP, Papilioninae	A
d	9800le	Anna’s Eighty-Eight, <i>Diaethria anna</i> Guerin-Méneville	NYM, Biblidinae	A
e	9800le	Banded Blue Morpho, <i>Morpho achilles</i> L.	NYM, Morphinae	A
f	9800le	Mourning Cloak, <i>Nymphalis antiopa</i> L.	NYM, Nymphalinae	A
N/A	SS 40000le	Blue Emperor, <i>Papilio ulyssees</i> L.	PAP, Papilioninae	A
	Margin	Bot: Eastern Tiger Swallowtail, <i>Papilio glaucus</i> L. ♀	PAP, Papilioninae	Z

YEAR OF THE NOCTUIDAE

On 15 September 2018, Austria Post issued a pair of stamps depicting two species of moths from the Noctuidae family and celebrating 2018 as the “Year of the Noctuidae.” The first day ceremony was held at the Hirschstetten Botanical Gardens in Vienna, Austria. Issued at the same time were two C6 envelopes with cachets and two A6 size postcards that show each moth in a natural setting.



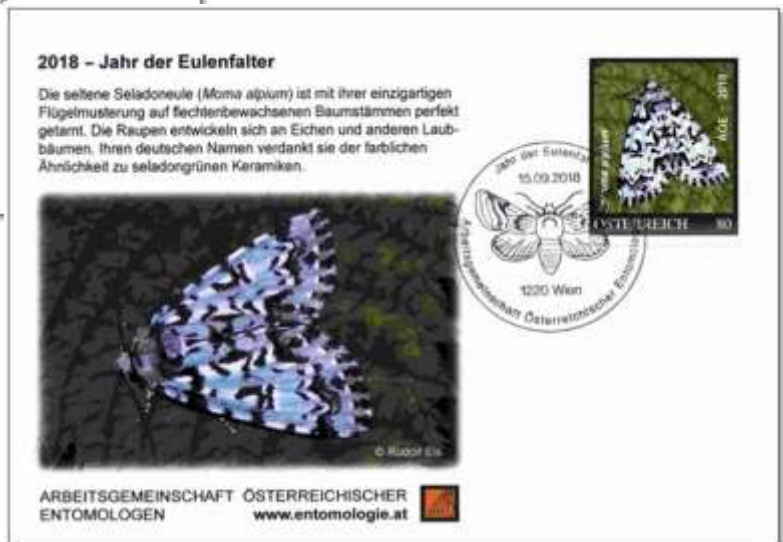
Periphanes delphinii
Philateliemarke stamp on envelope

The personalized stamp shows an image of the Scarce Merveille du Jour moth (*Moma alpium*) at rest on a green leaf. It can be found from May to September throughout the Palearctic region.

The image is based on a photograph by Rudolf Eis and designed by Herbert Zettel, AÖE.

The “Philateliemarke” stamp shows an image of the Pease Blossom Moth (*Periphanes delphinii*) resting on a flower. This colorful moth can be found from the Mediterranean area to the steppes of central Asia.

The stamp image is based on a photograph by Friedmar Graf and designed by Herbert Zettel of the Association of Austrian Entomologists (AÖE).



Moma alpium
Personalized stamp on envelope

ANSWERS TO COVER QUIZ

It’s a trick question. All of the species shown are moths. So all of them get to go to the mothball.