



ENTOMOLOGY

Editor

Don Wright Jr., BU 243

- BELARUS** 2009, April 21 (Year of Native Land).
2500r BUTTERFLY, flowers, Earth, Lepidoptera
- CANADA** 2009, April 22.
2c *Danaus plexippus* L., MONARCH, larva, NYM Danainae
- COSTA RICA** 2007 (per Fran Hammond).
611d, 100col BUTTERFLY drawing from children's book Lepidoptera
- DENMARK** 2009, March 25 (Nature/Mons Klint).
8kr *Zygaena purpuralis* Brunnich, TRANSPARENT BURNET, ZYG Zygaeninae
- FRANCE** 2008, November 8 (Red Cross/Children's Designs) (New data).
B715 & B716a, (55+18c) *Danaus sp.*, NYM Danainae
- GREAT BRITAIN-GUERNSEY (ALDERNEY)** 2009, February 26.
a-f, 36-77p Various BEES Hymenoptera
- INDONESIA** 2007, August 3 (Insectivorous Plants).
2117, 1500r Pitcher plant *Nepenthes mirabilis*. No insect
2118, 1500r INSECT & pitcher plant *Nepenthes ampularia*
2119, 2x2500r S/T of #2117-18. Optd for Bangkok 2007.
- LIECHTENSTEIN** 2009, March 2 (Printers Art/Linocut).
1437, 1fr "Unfolding", shows BUTTERFLY on woman's hand, Lepidoptera
- MONTSERRAT** 2008, November 27 (Orchids).
1209, 4x\$2.75 INSECT with orchid
1210, 4x\$2.75 BUTTERFLY with orchid Lepidoptera
- MOROCCO** 2008, June 5 (World Environment Day).
1063, 7.80d at L: a SULFUR BUTTERFLY, PIE Coliadinae
at R: 2 *Papilio sp.*, PAP Papilioninae
- MOZAMBIQUE** 2007, December 10 (New data).
1763a 8m *Vanessa virginiensis* Drury,
AMERICAN PAINTED LADY NYM Nymphalinae
Label: *Danaus chrysippus*
- 1763b 8m *Nymphalis urticae* L., SMALL TORTOISESHELL NYM Nymphalinae
Label: *Libytheana carineta*
- 1763c 8m *Junonia hierta cebrene* Trimen, YELLOW PANSY (#) NYM Nymphalinae
Label: *Papilio morondavana*
- 1763d 33m *Danaus plexippus* L., MONARCH NYM Nymphalinae
Label: *Danaus gilippus*
- 1763e 33m *Cupido comyntas* Godart, EASTERN TAILED BLUE (^) LYC Polyommatinae
Label: *Amblypodia tyrannus*
- 1763f 33m *Nymphalis io* L., PEACOCK LYC Lycaeninae
Label: *Lycaena cupreus*

MOZAMBIQUE (contd.)

1763a-f		each show 9-11 BUTTERFLIES on map of Africa, clockwise from NW:		
		<i>Papilio demolion</i> Cramer, BANDED SWALLOWTAIL	PAP	Papilioninae
		<i>Troides priamus</i> L., NEW GUINEA BIRDWING	PAP	Papilioninae
		?? <i>Graphium weiskei</i> Ribbe,		
		PURPLE-SPOTTED SWALLOWTAIL	PAP	Papilioninae
		<i>Papilio glaucus</i> L., EASTERN TIGER SWALLOWTAIL	PAP	Papilioninae
		<i>Papilio ulysses</i> L., BLUE MOUNTAIN SWALLOWTAIL	PAP	Papilioninae
		<i>Acraea egina</i> Cramer, ELEGANT ACRAEA	NYM	Heliconiinae
		<i>Salamis parhassus</i> Drury, MOTHER OF PEARL	NYM	Nymphalinae
		<i>Troides brookiana</i> Wallace, BROOKE'S BIRDWING	PAP	Papilioninae
		?? <i>Morpho sp.</i> ,	NYM	Morphinae
		<i>Danaus plexippus</i> L., MONARCH	NYM	Danainae
		<i>Danaus chrysippus</i> L., AFRICAN MONARCH	NYM	Danainae
NEPAL		2008, May 26 (Flora, Fauna, Mushrooms).		
810b	5r	LONG-HORN BEETLE		Cerambycidae
NETHERLANDS		2008, May 20 (S/T of 5, each stamp having 2 attached labels).		
1309d	44c	No insect. Tiny stylized BUTTERFLIES on the attached labels		Lepidoptera
1309e	44c	5 tiny stylized BUTTERFLIES & more on attached labels		Lepidoptera
		2008, October 1 (Gnomes).		
1319	75c	BUTTERFLY & Paulus de boskabouter		Lepidoptera
NEW ZEALAND		2009, March 4 (Giants of New Zealand).		
	\$2.50	<i>Deinacrida heteracantha</i> White, GIANT WETA	Anotostomatidae	Deinacridinae
PERU		2008, December 10 (Inca God Wiracocha).		
1666c	2.50s	Wiracocha walking, BUTTERFLY		Lepidoptera
POLAND		2009, March 6 (Sculptures by Wladyslaw Hasior).		
	1.45zl	Sculpture "The Fly"		Diptera
PORTUGAL-AZORES		2009, April 22 (Biodiversity).		
	68c	<i>Hipparchia azorina</i> Strecker, AZORES GRAYLING	NYM	Satyrinae
	80c	<i>Anax imperator</i> Leach, EMPEROR DRAGONFLY	AES	Aeshninae
ROMANIA		2008 (Centenary of Natural History Museum).		
	2.40L	UL: DRAGONFLY		Odonata
		LL: <i>Idea leuconoe</i> Erichson, LARGE WOOD NYMPH	NYM	Danainae
TAJIKISTAN		2009 (Opt for World Stamp Exhibition, China 2009 Luoyang).		
c	53d	<i>Nymphalis io</i> L., PEACOCK, #220c optd	NYM	Nymphalinae
UNITED ARAB EMIRATES		2008, December 20 (25 th Anniversary Dubai Duty Free).		
	1 & 2d	Emblem & BUTTERFLY		Lepidoptera
UNITED NATIONS-GENEVA		2009, April 16 (Endangered Fauna).		
	1fr	<i>Cerambyx cerdo</i> L., CERAMBYX LONGHORN	CER	Cerambycinae
	1fr	<i>Dolomedes plantarius</i> Clerck, FEN RAFT SPIDER	Pisauridae	Thalassiinae
	1fr	<i>Maculinea arion</i> L., LARGE BLUE	LYC	Polyommatainae
	1fr	<i>Coenagrion mercuriale</i> Charpentier,		
		SOUTHERN DAMSELFLY	COE	Coenagrioninae
UNITED NATIONS-KOSOVO		2008 (Filigree Art).		
	15c	Stylized BUTTERFLY design in filigree jewelry		Lepidoptera

UNITED NATIONS-NEW YORK 2009, April 16 (Endangered Fauna).

42c	<i>Parnassius apollo</i> L., APOLLO	PAP	Papilioninae
42c	<i>Rosalia alpina</i> L., ROSALIA LONGHORN	CER	Cerambycinae
42c	<i>Formica rufa</i> L., SOUTHERN WOOD ANT	FOR	Formicinae
42c	<i>Anax imperator</i> Leach, EMPEROR DRAGONFLY	AES	Aeshninae

UNITED NATIONS-VIENNA 2009, April 16 (Endangered Fauna).

65c	<i>Troides brookiana</i> Wallace, RAJAH BROOKE'S BIRDWING	PAP	Papilioninae
65c	<i>Pandinus imperator</i> Koch, EMPEROR SCORPION	Scorpionidae	Scorpioninae
65c	<i>Carabus intricatus</i> L., BLUE GROUND BEETLE	CAR	Carabinae
65c	<i>Brachypelma smithi</i> Picard-Cambridge, MEXICAN RED-KNEE TARANTULA	Theraphosidae	Theraphosinae

VANUATU 2009, January 28 (Romance in Vanuatu).

961-62	90v	Bride & groom, BUTTERFLY	Lepidoptera
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It is time for the annual report on insect new issues. In calendar 2008 we had a drastic drop in the number of new insect stamps. I measure the number of new issues by the height of the stack of 3x5 index cards, one per stamp, that I accumulate each year. (20mm = about 100 cards). Local and known illegal issues are not included.

1996	80mm = ~400 stamps	2002	122mm = ~610 stamps
1997	119mm = ~595 stamps	2003	91mm = ~455 stamps
1998	125mm = ~625 stamps	2004	54mm = ~270 stamps
1999	133mm = ~665 stamps	2005	68mm = ~340 stamps
2000	165mm = ~825 stamps	2006	63mm = ~315 stamps
2001	191mm = ~955 stamps	2007	62mm = ~310 stamps
	2008	37mm = ~185 stamps	

The Emerald Cockroach Wasp

This may be a strange name for a wasp but its life is even stranger. The wasp, *Ampulex compressa* Fabricius, is a shiny green member of the small wasp family Ampulicidae. The emerald cockroach wasp can be found on the following stamps:

- Malaysia, #441 and 441a, 1991, \$1
- St. Helena #366, 1982, 25p

The adult females of many wasps seek as food for their larvae an insect or spider to sting, paralyze and serve as a site for egg-laying. However, this wasp uses only cockroaches for its prey and does so in a unique method.(1) The wasp first stings the cockroach, aiming at a ganglion in the thorax. This temporarily paralyzes the roach for a few minutes, allowing the second sting to be carefully directed into the brain cells that control the escape reflex. This is accomplished by the use of sensitive detectors on the stinger. After the cockroach recovers from the first sting, it no longer can make any attempt to escape but can walk normally.