

BIOPHILATELY

OFFICIAL JOURNAL OF THE BIOLOGY UNIT OF ATA

SEPTEMBER 2013

VOLUME 62, NUMBER 3

Those Spineless Marine Invertebrates!



Williamson's Photosphere

More Inside >>



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The Biology Unit, founded in 1951, is a study unit of the American Topical Association dedicated to the international cooperative study of biological postage stamps and related material.

Back copies of *Biophilately* are available from the Librarian. Copies of separate articles are available at a charge six cents per page. Please contact the individual associate editors if you have queries about the content of their columns.

Send membership enquiries and change of address notices to the Secretary, Chris Dahle, (319) 364-4999. See the following page for dues rates.

The purpose of this journal is to provide members with informative articles dealing with biological topics and to publish listings covering the new **zoological** and **botanical** issues of the world, identified and classified to the best of our ability.

Please send letters, comments on the journal, articles, or new material to the Editor (data above). The Publisher will handle requests for issues from the current year. Contact the Librarian (address above) for copies of all other issues.

NOTE: Please provide a self-addressed envelope with the necessary return postage (or International Reply Coupons, if available) for all enquiries requiring an answer.

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PLEASE NOTE: Material for the next issue should be in the hands of the Editor before 15 November 2013.

FROM THE EDITOR'S DESK

On the preceding page you may note that we have a new Publicity Director. William Cochrane from Castlemaine in Victoria, Australia, operates the Philatelic Database web site (<http://www.philatelicdatabase.com>) and a philatelic news site (<http://philatelynews.com>). He has been promoting the Biology Unit and *Biophilately* on his sites and on Facebook. It has been 20 years since the Unit had an official Publicity Director, but as the Biology Unit, like so many other organizations these days, has been seeing a decline in membership, the Board has been discussing ways to publicize the Unit and acquire new members. Because he has already become involved in this effort on his own, the Board asked Mr. Cochrane to formally take on the job and he agreed. So, welcome aboard. If any members have ideas or suggestions regarding publicity, please contact William at the addresses shown.

On the last pages of this edition, you will find a proposed revision of the Unit Constitution and By-Laws. The last time the Unit updated these documents was in 2000. Even some of our officers were unaware of how long it has been since we have reviewed them. The proposed changes reflect the way the Unit business has been operating and clarify some of the procedures to make them more specific and assign responsibility. The strikethrough text portions are deletions from the current documents and the underlined portions are proposed additions or insertions. There is a mail-in ballot included. Members with access to the Unit web site can e-mail their vote to the Secretary, Chris Dahle. Please return all ballots to the Secretary no later than 31 October 2013.

In looking at the last membership roster, I notice that several members have not made any indication of their collecting interests. This concerns me because one of the purposes of this Unit is to foster communications and exchange of information among the membership. For example, I have been seeking someone to become the Associate Editor for Herpetology for two years, but I may have overlooked a member with that topical interest because they did not indicate what their interests are. As no one has come forward, I put together a column of my own, which you will find starting on page 208. I ask all members to provide the Secretary with an update of their topical (and other) collecting interests so that we can publish them with the next membership listing.

The Associate Editors and I are continually looking for input and feedback from our readers. You will undoubtedly note many instances in the new issue listings indicating unknown, or partially identified subjects. I am certain that some of our members can provide further information about these entries. And even if you are not absolutely positive of your identification, your feedback can provide insight, or spark discussion. Regarding feedback, you will find some letters and commentary on page 149.

I am also seeking lists to publish in the journal. I bet that one of you has a list of extinct birds on stamps and I bet that someone else has a list of fir trees on stamps, or crickets, or rattlesnakes, or microbiologists. I want to put these in the journal. Maybe you are the only one who collects crickets on stamps, but your list might inspire someone else to take up this topic. I do not care if your list is by country, or in taxonomic order, or some other esoteric system that appeals to you. Just send it in. You can e-mail it or snail-mail it (see addresses inside the cover). Either way works for me. Please do it now before you get distracted by all those crickets.

I am looking for a membership roster from 1984. It was included as an enclosure to Volume 33, Number 4. If anyone has this listing, please send me a copy. I will reimburse you for the copying and mailing costs.

Jack Congrove

DUES RATES (US\$)

Regular membership (US & Canada)	\$20
Overseas membership	\$25
Overseas airmail (add)	\$10
On-line membership	\$15

ADVERTISING RATES

Full page insertion	\$20
Half page insertion	\$10
Quarter page insertion	\$5

Please see the Biology Unit web site (www.biophilately.org) for membership applications. Several payment options are available. Send applications and payments payable to the Biology Unit of ATA to:
Chris Dahle, 1401 Linmar Drive NE, Cedar Rapids, IA 52402

PRESIDENT'S MESSAGE

In my last message, I mentioned our Magnolia tree and it has surprised us again with a new crop of blooms—not many, but a most unusual occurrence. Your Editor has been working extremely hard in an effort to elevate our journal into a more up-to-date and interesting publication. He entered a copy in a recent literature competition and I believe it won a silver-bronze medal. I tried this exercise myself some years back and received the same level of award, with the judge's comments noting that our journal was just a series of lists of new issues in many fields of natural history. It is entered again at StampShow in Milwaukee and it will be interesting to see what the award will be.

Unfortunately, the subject matter of our journal and the new issue listings is on various members of the natural world portrayed on stamps: plants, birds, bugs, etc., all subjects that are popular among thematic collectors and therefore attract more new issues than many other subjects. I used to receive "Scalpel and Tongs," the journal of the Medical Subjects Unit of ATA, and it was always crammed with articles by the members and perhaps two pages of new issues at the end!

I then would urge you all to put pen to paper (or the keyboard!) and try your hand at writing about the birds and other beasts. I do not think it will be a concern to increase the size of the journal (number of pages) because most of you probably receive it electronically.

My wife and I are off to the show in Milwaukee on Wednesday and I shall be meeting with some of the board members at the show.

Until next time...

Alan J. Hanks



Flora & Fauna

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GLOSSARY OF TERMS

This section lists the definitions of acronyms, abbreviations, and code letters used throughout this journal. This listing does not include abbreviations used for the name of a taxonomic author, or commonly used symbols.

Checklist Codes:

Br	Branch	A	Subject is the primary design element
Fl	Flowers (with or without other plant parts)	B	Subject is only part of the main design
Fr	Fruit (including seeds, nuts, grains, etc.)	C	Subject is a minor representation
FrV	Grain head with sheaf or stalk	G	Subject is a generalized depiction
L	Lichen	R	Related subject (e.g., scientist, equipment)
M	Mushroom or fungus	S	Subject is a stylized or symbolic depiction
T	Trees (without flowers or fruit)	U	Subject is unidentified or unidentifiable
V	Various (vines, vegetables, roots, leaves, etc.)	X	Subject is a lookalike (e.g., mushroom cloud)
Wr	Wreath	Z	Subject is in the margin or selva
Wr*	Head wreath (or chaplet)	*	Subject depicted in natural colors

Acronyms and Abbreviations:

AAPE	American Association of Philatelic Exhibitors	ovpt	overprinted
anniv	anniversary	perf	perforated
APC	American Philatelic Center (Bellefonte, PA)	photo	photogravure
APS	American Philatelic Society	ptg	painting or artwork
ATA	American Topical Association	R	right position indicator
bkt	booklet	s/a	self-adhesive
Cap	captioned	Sc#	Scott Catalogue number
CTO	canceled to order	s-o-s	stamp on stamp
CTR	center position indicator	sp.	species
DS	deluxe sheet	SS	souvenir sheet
Ed.	Editor	ssp.	sub-species
Expo	Exposition	s/t	se-tenant
horiz	horizontal orientation	surch	surcharged
imperf	imperforate	UL	upper left position indicator
Intl.	International	unwmk	un-watermarked
L	left position indicator	UPU	Universal Postal Union
litho	lithography	UR	upper right position indicator
LL	lower left position indicator	US	United States
LR	lower right position indicator	USPOD	United States Post Office Department
mm	millimeter	USPS	United States Postal Service
MS	miniature sheet	var.	variety
ML	middle left position indicator	vert	vertical orientation
MR	middle right position indicator	Vol	Volume
N/A	not applicable (or not available)	wmk	watermarked
nd	non-denominated	WWF	World Wildlife Federation
NTSS	National Topical Stamp Show	Yv#	Yvert & Tellier Catalog number
NWF	National Wildlife Federation		

SECRETARY-TREASURER'S CORNER

ELECTION RESULTS

The results are in for the Biology Unit Governing Board election. We received 32 responses, all voting for the listed slate with no write-in or partial votes. Therefore, the individuals listed below are elected to the positions indicated.

Unit Officers at APS StampShow
(L to R): Christopher E. Dahle,
Alan J. Hanks, Larry Davidson



President:	Alan J. Hanks (Ontario)	
Vice-President:	Larry Davidson (Ontario)	
Secretary-Treasurer:	Christopher E. Dahle (Iowa)	
Directors:	Jack R. Congrove (Washington)	Frederick C. Skvara (New Jersey)
	Lois C. Herrmann (New Mexico)	Donald P. Wright, Jr. (New Jersey)

DONATIONS

The Governing Board would like to recognize and thank the many members who have made monetary donations to the Unit totaling \$437 in addition to their dues during the past two years. The list is in chronological order by date received. It costs the Unit about \$2000 per year to print, copy, and mail the Unit journal. The large number of members who take web-based delivery helps keep expenses (and consequently annual dues) low. These additional donations help fund special projects and augment the Unit reserves. Thanks to all for their generosity.

2012 Donors:

Patricia Byrnes, Jack Congrove, John Greve, Paul Grimstad, Lois Hermann, Stephen Kavalecs, Ronald Law, Don Palazzo (dba Westminster Stamp Co), Michael Prince, Mary Vasseur, Sobsan Wongpakdee

2013 Donors:

Doris Applebaum, Peter Bono, Michael Brunt, Patricia Byrnes, John Greve, Paul Grimstad, Sarah Hamilton, David Herzog, Terry Jordan, Stephen Kavalecs, Ronald Law, Beverly Ridgely, Wayne Svoboda, Mary Vasseur, Betty Yagi

NEW MEMBERS

The Biology Unit welcomes the following new member:

1837 Cláudio Drago, São Paulo, Brazil

turtles (4)

LETTERS

[*Ed. Note: It has been a while since we have published any letters in the journal. This is mainly because I have not received any. As they used to say, "If you want to get a letter, you need to write a letter," and admittedly I tend to accomplish most of my correspondence with short e-mail messages that do not lend themselves to publication in this sort of forum. However, the Secretary recently received some interesting missives that are thought-provoking and appropriate for this column.*]

Sent with the return of a blank Unit officer election ballot:

"WHY VOTE? With only one choice, why bother? Let the current board 'declare' the new board. Write-ins seldom—if ever—get elected." —Anonymous

Dear Anonymous, I sincerely thank you for this valuable comment because it gives me the opportunity to address one of the problems with the operation of the Biology Unit and other organizations like it. In the March edition of the journal we called for nominations. Not only did we not receive a single response from any member, but because the Vice-President position was vacant, we had to actively seek out and draft a nominee on our own.

Getting member participation has continually been a problem and I can cite many examples from editorial comments in the journal throughout the entire 62-year existence of the Unit. There have been several examples where officers and editors have literally begged to be replaced, but no volunteers were found. Many of these, like Dr. Willard Stanley, continued to work out of loyalty despite suffering ill health from the effort.

As Associate Editor and former President Donald Wright has stated, "If you are happy with the slate presented, a vote is a welcome showing of your pleasure and a thank you for the way things are being done. If you are not happy with the way things are going, you can register your displeasure by sending in a blank ballot or a write-in and then by volunteering to do something yourself to change things. Most so-called cliques that are running an organization do so only because they are the only ones to volunteer to help. I can assure anyone that they will be welcomed with open arms if they offer help to any group, including the Biology Unit, the ATA, etc." —Ed.

From an e-mail on 13 July:

"Let me introduce myself as one of your Life Members who resides in the Philippines. I received the 2013 Election Ballot along with the hard copy of our journal (June issue) about a fortnight ago, and I just had a chance to finish reading it.

"Looking at the ballot, it does not look like there are additional names to consider. Hence, I would like to cast my support for the seven individuals whose names are printed on the ballot. I have no others to nominate. In any case, I believe the present officers are doing a good job! I am sure the membership appreciates your time and effort to keep the biology unit active." —Dr. Edgardo D. Gomez, Emeritus Professor, University of the Philippines

From correspondence with a 60-year Life member of the Biology Unit regarding reprinting a past article:

"You have my permission to use all or part of 'A Philatelic Voyage Around the World with Charles Darwin on Board the HMS Beagle, 1831-1836.'

"I am delighted that someone wants to have some fun and do something informative at the same time. I enjoyed stamp collecting, but had to stop in the 1980s due to family obligations and other commitments. I have spent most of my spare time during the last 25 years studying the environmental history of Michigan. I have published several papers on the history and impact of logging in Michigan.

"I had to sell my most of my stamp collection to buy a computer and printer in the 1980s. I kept the Darwin stamps and postal covers as well as some of my Anthropology collection. I still spend time enjoying the issues of *Topical Time* and *Biophilately*." —Dr. Carl J. Bajema (LM22), Grand Rapids, Michigan

The updated reprint of Dr. Bajema's article will appear in the next issue of Biophilately. —Ed.

APS AWARD

Twenty-five Years as APS Affiliate

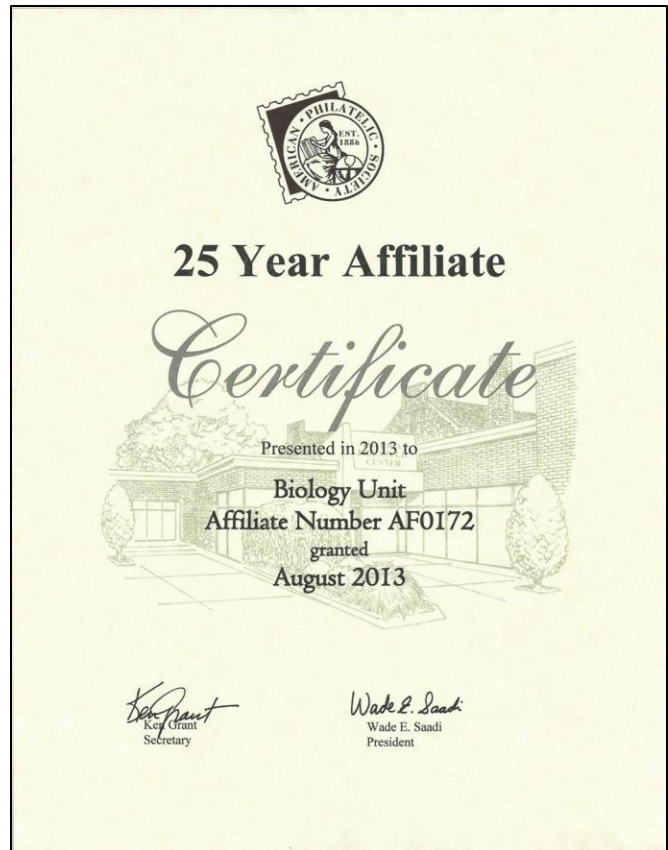
The American Philatelic Society honored the Biology Unit for 25 years of affiliation with the APS at their annual StampShow held at the Wisconsin Center in Milwaukee on 10 August 2013.

The Biology Unit has been an APS affiliate since 9 April 1988. Former Publicity Director and Past President, Dr. James F. Cornell, Jr., first suggested this affiliation in 1987, and Past President Dr. Greg Herbert made the successful application.

The APS, founded in 1886, is the largest, non-profit organization for stamp collectors in the world. It currently has more than 200 Affiliates and Units. The APS encourages stamp collection in many ways and one of them is by promoting specialty societies whose objectives and activities are compatible with theirs. This relationship works to the Unit's advantage as well because the APS provides worldwide publicity and promotes membership in our organization.

Coincidentally, our parent organization, the ATA, also received its 25-year certificate at the same ceremony.

Shown below is our Secretary, Christopher E. Dahle (3rd from right) with representatives of other affiliates at the award ceremony. At his immediate right is Vera Felts, Executive Director of the ATA. APS President Wade E. Saadi is at the far right.



BIOLOGY UNIT WEB SITE WINS AWARD

Our Web Master, Christopher Dahle, entered our Unit web site (www.biophilately.org) in the second annual APS Chapter and Affiliates Web Site Competition where it received a Bronze medal award. The judging used a variety of categories, including content, structure and navigation, visual design, functionality, and interoperability, with points awarded in each. The Unit received its award at the APS meeting on 10 August 2013 during the APS Stamp Show in Milwaukee, Wisconsin.



The judges were Steve Swain, whose philatelic articles have appeared in *The American Philatelist*, *U.S. Stamp News*, and *The Philatelic Communicator*, and Albert W. Starkweather, editor of the all-digital *Stamp Insider* and former editor of *The Philatelic Communicator*.

A total of 27 organizations entered the competition. Our parent organization, the American Topical Association, received one only four Gold medals awarded by the judges for its web site (www.americantopicalassn.org).

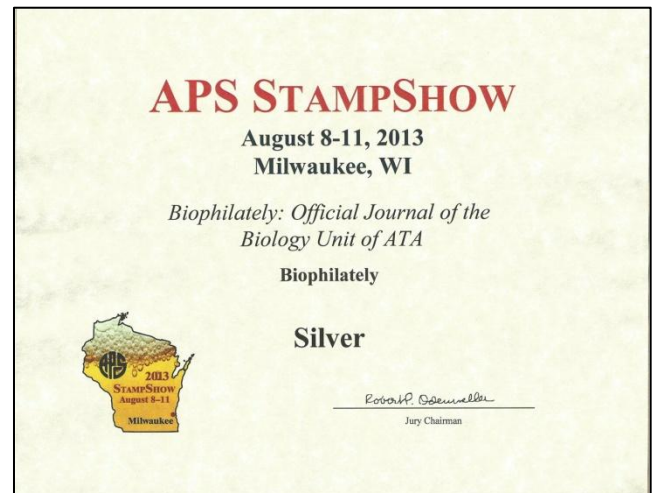
The award entitles the Biology Unit to display the APS Web competition logo on its web site.



BIOPHILATELY WINS PHILATELIC LITERATURE AWARD

Your editor entered the last three editions from Volume 61 and the first edition from Volume 62 of *Biophilately* in the Philatelic Literature Competition at APS StampShow 2013 held in Milwaukee, Wisconsin 8–11 August 2013, and I am proud to announce that the publication received a Silver Medal in the Philatelic Society Journals and Periodicals division. This is an advance over the Silver-Bronze award received by the previous editions of the journal in last year's competition.

The judges were Robert P. Odenweller, a two-time winner of the Crawford Medal of the Royal Philatelic Society for his philatelic publications among many other awards; Dr. Douglas N. Clark, Associate Editor of the *Postal History Journal*; and Ken Trettin, editor of the *Congress Book* of the American Philatelic Congress.



APS STAMP SHOW 2013

As mentioned elsewhere in this issue, the American Philatelic Society held its annual StampShow in Milwaukee, Wisconsin during 8–11 August 2013. Your Editor was happy to be able to attend because this is the largest stamp show held in the United States each year. In addition to more than 100 stamp dealers from around the country and the world, the show had about 15,000 pages of exhibits and no fewer than five first day ceremonies.

The four-day schedule was crammed with society meetings (including an ATA member roundtable), seminars on all sorts of philatelic subjects, and social activities such that there was no way for one person to attend all of them. The Regency-Superior and Harmer-Schau auction houses both conducted auctions at the show.

Even with all the activities, buying opportunities, and exhibit viewing, the most appealing aspect of the show to me is the chance to see old friends and meet new ones. All of the newly elected Unit officers attended along with Publisher, Dick Roman, and your Editor. This enabled us to hold an ad hoc Board meeting to work out some details on the publication of the Biology Unit History and *Biophilately* Index due out later this year.

I especially like to check out the exhibits and some of the finest in the country were there. This show hosts the World Series of Philately where the Grand award winners from each of 30 national shows compete for the Champion of Champions award. This year James Gough won with his postal exhibit titled, *The UPU and Its Impact on Global Postal Services, 1875-1920*. There were no biology related exhibits in the Champion of Champions class, but the Open, Single-Frame, and Youth classes all had exhibits with biophilatelic features.

In the Open class, Phillip J. Stager won a Gold and Best Thematic Exhibit with *Coconuts*. Kathryn Johnson won a Gold and Best Display Exhibit with *Ceylon's Economic Evolution from Coffee to Tea, 1836-1910*. In the Single Frame class, Joel A. Hawkins received a Gold medal for *The Fox*, and Larry Fillion won a Silver medal for his usages of the anti-malaria commemorative issue. Biology was popular in the Youth class. Mia Fillion won a Gold and the ATA One Frame Merit Award for *The USDA "My Plate" Food Plate*. Her sister, Alexandra Fillion won a Vermeil for *Dairy Products of the Cow*. Autumn Hanley, one of this year's Young Philatelic Leaders Fellows, won a Vermeil and the AAPE Novice Award for *How Sweet It Is*.

I attended the Writers Unit 30 Breakfast on Sunday, where the guest speaker was Chad Snee, Editor of the Scott Catalogue. He provided some very interesting details concerning digital publishing efforts that Scott is employing and plans for upcoming enhancements. Scott already provides a free app for iPad owners that enables the user to access fully searchable electronic versions of the catalog available for \$29.95 per volume. Snee spoke about several enhancements including the capability to include bookmark comments and a checkbox feature. Scott also plans to make the electronic version available to other platforms.

I encourage all of you to attend the StampShow next year to be held in Hartford, Connecticut, during x-x August. The admission is always free and I guarantee you will find many philatelic activities to enjoy.

ATA RELEASE

New Member Incentive Extended Through End of 2013

If you have a friend who is interested in topical collecting, be sure to tell him/her that there has never been a better time to join the ATA. A special membership incentive that offers a free checklist has been extended to the end of the year.

Here is how it works. Each new member may choose a free checklist, up to 50 pages, from the list of more than 600 topics. For a list longer than 50 pages, the new member receives a \$10 credit toward the purchase of that list. Checklists are now available printed or digitally, as an Excel file. A complete list of the more than 600 checklists is on the ATA website at www.americantopicalassn.org.

ATA membership, at \$25 a year, includes the quarterly journal, *Topical Time*; a copy of the book, *Adventures in Topical Stamp Collecting*, and a free handbook from a list of 42 books. ATA members may also sell stamps and other philatelic items on the new website www.topicalsonline.org. Both members and nonmembers may make purchases there.

PHOTOSPHERE

Jack R. Congrove, BU1424
Ian Hunter, BU1619

In the 1960s, it was fascinating to watch the undersea adventures portrayed on TV shows like *Sea Hunt* starring Lloyd Bridges, and later in special documentaries presented by Jacques Cousteau. How great it would be to swim under water to observe all the marine life, and also perhaps to discover some sunken treasures? Probably few viewers paused to consider the challenges of capturing all of these images below dozens, sometimes even hundreds of feet of water.

Many people think of underwater photography as a relatively modern invention. But this medium has been around for 100 years. John Ernest Williamson (1881-1966) was the first person to make underwater movies in 1914. He designed a spherical observation chamber with a large funnel-shaped glass window at the end of deep-sea tube invented by his father. These were the first underwater movies taken on the sea floor. Before that, all underwater movies had to be shot through windows in aquariums.

On 7 January 1965, the Bahamas released a set of 15 stamps in denominations from ½-pence to £1 celebrating its colonial heritage. The 5-shilling value depicted Williamson's apparatus, which he called the "Photosphere." It commemorated the 50th anniversary of his 1914 film project that produced the first underwater movie and his 1939 underwater post office, which we will get to later on.

This stamp (Sc#216) was printed by lithography for the orange-brown and ultramarine colors and by intaglio for the green Queen's portrait and country name, on paper with the St. Edward's crown watermark and perforated 13½×13.



Photosphere

One year later on 25 May 1966, the Bahaman post office re-issued the set surcharged with decimal currency values. The 5-shilling stamp (Sc#242) received a \$1 surcharge in black.



The following year on 25 May 1967, the post office issued the set in decimal values using the same printing methods, paper, and perforations, but with different colors for the intaglio portions. The \$1 stamp (Sc#264) used a sepia color for the portrait and name.



Williamson's father, Captain Charles Williamson, the President of Williamson Submarine Corporation in Norfolk, Virginia, had invented a flexible waterproof tube reinforced by iron hoops attached to a caisson at the bottom, which enabled men to work on sunken wrecks. Captain Williamson employed it in 1911 in an unsuccessful attempt to recover a half-million dollars worth of silver bars from the liner *Merida* off the coast of Virginia.

In 1912, young Williamson, then a journalist, realized that he could use his father's mechanism to obtain undersea photographs. Using a light hung from the mother ship to illuminate the sea in front of the tube, he took still photographs of the depths off Hampton Roads, Virginia. These proved so successful that he decided to try making motion pictures.

To facilitate this new purpose, he designed a spherical observation chamber with a large funnel-shaped glass window, five feet in diameter, and an inch-and-a-half thick, and attached it to the end of the tube. He took the equipment to the Bahamas, to take advantage of the clear water where the sunlight reached down to a depth of 150 feet. He had a special barge built to carry the tube and Photosphere, and christened it the *Jules Verne* in honor of the person who was his inspiration.

His Submarine Film Corporation made its first production in the spring of 1914, a one-hour documentary titled *Thirty Leagues Under the Sea*. The climax of the movie was his fight with a shark, which he killed with a knife while remaining within the camera's range.

On 21 August 1997 Turks and Caicos Islands issued a set consisting of a sheet of nine se-tenant stamps plus two souvenir sheets at the APS StampShow held in Milwaukee, Wisconsin. This set was the third in its series on underwater exploration. The second souvenir sheet (Sc#1236) commemorates Williamson's 1914 underwater movie and shows an artist's view of the Photosphere with a cutaway revealing the operator (presumably Williamson himself) inside at work.

This set was printed using lithography. The sheet is perforated $14 \times 14\frac{1}{2}$ and has the APS and StampShow logos in the margin.



Photosphere
Cutaway View

Subsequently on 16 October 2000, Palau issued a sheet of seventeen 33-cent stamps plus one label in its Millennium series commemorating undersea history and exploration. One of these stamps (Sc#584j) shows an almost identical rendition of the Photosphere. The sheet was printed using lithography and perforated $12\frac{3}{4} \times 12\frac{1}{2}$.

The historical importance of the Photosphere is evident from its many commemorations on stamp issues



On 12 December 1962, Monaco issued a set of seven stamps with values from 5-centimes to 1-franc to promote an exhibition at the Oceanographic Museum titled "Man Under Water." This set, on unwatermarked paper perforated 13, depicted ancient and modern methods of underwater exploration. The 25c value (Sc#523) shows our subject on the left-hand side employing yet another cutaway image and on the right-hand side is an image of the bathyscaphe *Trieste*.

This article is not the first time that the Unit journal has published about the Photosphere. One of the very first pictorial illustrations used in the journal was on page 238 of Volume 8, Number 6 of what was then named *Biology Tid-Bits* published in June-July 1959. The article by the editor, Dr. Willard F. Stanley, dealt with two stamps issued by the Bahamas titled "Sea Gardens, Nassau."

The first stamp (Sc#106) had been issued on 1 July 1938 as part of a set of 13 definitive stamps showing King George VI and Bahaman scenes. The set was on paper with multiple crown and script CA watermark. Ten of the stamps were printed by typography and perforated 14, but this 4-pence stamp was engraved in red-orange and blue and perforated $12\frac{1}{2}$.

Four years later on 12 October 1942, the post office had the set overprinted to commemorate the 450th anniversary of Columbus's landing in the New World and this overprinted set, including the Sea Garden stamp (Sc#122) replaced the regular definitive set for a period of six months.

These stamps show an undersea scene with fish, corals, and other marine creatures and this scene happens to be based on one of Williamson's early photographs taken using the Photosphere. The image printed in *Biology Tid-Bits* was of the original photograph published by Williamson in his 1936 book, *Twenty Years Under the Sea*. The editor reproduced the photograph using xerography. It is significant to note that in 1959, the journal was printed using the multilith process, and the Xerox method was in its infancy. In fact, this was cutting edge technology.

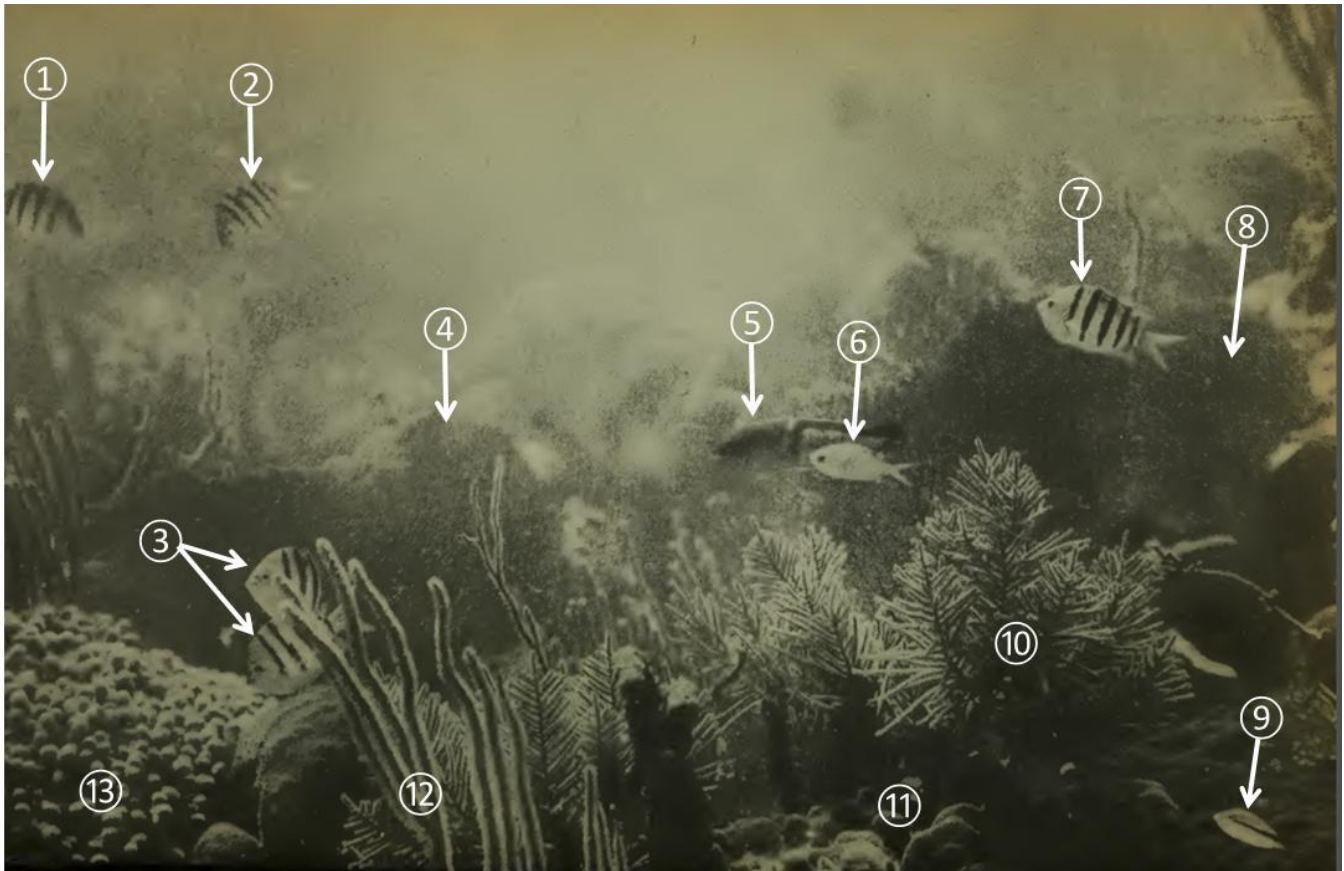


The following section is an excerpt from Dr. Stanley's article and it includes an updated copy of the image that originally accompanied it.

"There has been considerable difference of opinion concerning the animals shown on Bahamas A13, #106 & 122.

"Through the courtesy of Dr. Maynard S. Raasch we learned that this stamp was designed from a photograph taken by John Ernest Williamson from his historic undersea Photosphere and that this picture appears in his book, *Twenty Years Under the Sea*. We tried to no avail to obtain the loan of this book from several libraries. Again, through the courtesy of Dr. Raasch we obtained loan of the book. We had a copy made of the plate in the book. We reproduce this below as best we can—knowing that it will not come out well by the Xerox method (because of the hazy nature and lack of sharp contrast). With a bit of touching up, this will serve much better than a sketch by your non-artistic editor for discussion of the stamp."

[Ed. Note: The original image was very unclear and further impaired by the reproduction process. I have substituted a new scan and added new tags that correspond with the original numbering.]



Undersea Scene, from *Twenty Years Under the Sea*, page 258 (index numbers added)

'The chapter in Williamson's book, which contained this photograph, is devoted to the story of his expedition to obtain hundreds of tons of material for Bahama Reef habitat groups for the Field Museum (now the Chicago Museum). Realizing that the museum would have great familiarity with the Williamson expedition materials, and possibly with his undersea photographs, I contacted my college friend Dr. D. Dwight Davis of the Chicago Museum Staff and sent a print of the book illustration. Below are their identifications.

- 1, 2, 3, & 7: Sergeant Major, *Abudefduf saxatilis* Linnaeus, Family: Pomacentridae
- 5: Variegated Wrasse, *Halichoeres garnoti* Valenciennes, Family: Labridae
- 6: Brown Chromis, *Chromis marginatus* Castelman, Family: Pomacentridae [Ed. Note: *C. multilineata* Guichenot]
- 9: Yellowtail, *Ocyurus chrysurus* Bloch, Family Lutjanidae
- 10 & 12: Gorgonians, genera and species indefinite, Order: Alcyonaria, Suborder: Gorgonacea
- 11: Brain Coral, *Diploria* sp., Order: Madreporaria
- 13: Finger Coral, *Porites* sp., Order: Madreporaria

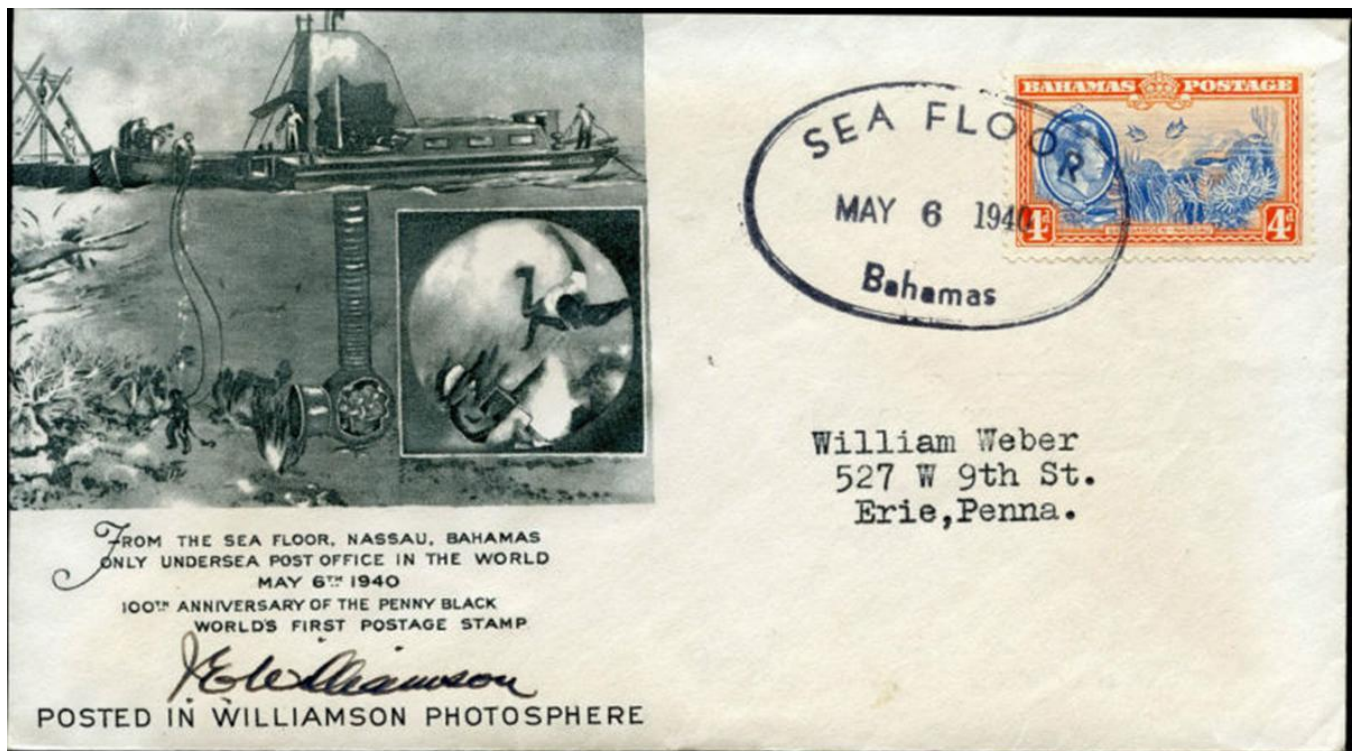
“Though the Chicago Museum men must have thought differently, I am thoroughly convinced that the stamp and the picture show beautiful Sea Fans at positions 4 and 8. The stamp left me in doubt, but the texture is nicely shown in the picture.

“It is obvious that the artist has taken a number of liberties. Fish 1 and 2 were moved to the right in order to superimpose the royal portrait. Fish number 5 is not at all accurately reproduced. Fish number 9 does not appear on the stamp. The branching nature of the left group of Gorgonians (#12) was completely eliminated. An extra ‘pair’ of fish were inserted below the portrait and seem to have been inspired by fish numbers 5 and 6. The Finger Coral shown so nicely in the lower left of the picture are not shown on the stamp. Also, a few ‘sea weeds’ seem to have been added to get ‘balance.’

“The relatively tall structures between the two kinds of ‘Gorgonians’ certainly have the appearance of sponges.

“For those who do not have ready access to a zoology book, the Gorgonians are rather close relatives of the corals. Sea Fans, Sea Plumes, and Sea Whips are among those [that] have received ‘common names.’ The skeletal material is, for the most part, flexible, at least as compared with the ‘typical’ corals. The Phylum is Coelenterata, the Class is Anthozoa. This class is characterized by the fact that there [is] no free swimming medusae (jelly-fish) stage in their life cycle, and contains the Sea Anemones in addition to the Corals and Gorgonians.”

After Williamson completed his documentary, he determined to produce a fictional film and Jules Verne’s novel *Twenty Thousand Leagues Under the Sea* was an obvious subject. He began production in the Bahamas in 1916, but faced many obstacles. Heavy seas would rock the barge endangering the suspended tube, or the water would become cloudy with sediment, making photography from inside the photosphere impossible. Nearby barracudas actually menaced the men in diving suits portraying Captain Nemo’s crew. Upon its release, the film became a major popular success, enhanced by the public concern with submarine warfare during World War I.



Autographed Cover from the Photosphere Sea Floor Post Office

(See *Photosphere*, page 202)



BOTANY

Editor

Christopher E. Dahle, BU1269



New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ALBANIA		2012 December 14 (Marine Life & Plants)		
2935a	10L	Sea grass		V B U
2935b	250L	Sea grass		V B U
2935c	260L	Bklt pane of 2 (Sc#2935a-b)		
2935	260L	Horiz pair (Sc#2935a-b)		
ARUBA		2012 December 20 (Orchids: Block 12)		
411a	200c	<i>Cattleya (=Laelia) xanthina</i>	Orchidaceae	Fl A MS
411b	200c	<i>Dendrobium</i> sp.	Orchidaceae	Fl A MS
411c	200c	<i>Dendrobium convolutum</i>	Orchidaceae	Fl A MS
411d	200c	Lady of the Night, <i>Brassavola nodosa</i>	Orchidaceae	Fl A MS
411e	200c	<i>Rossioglossum grande</i>	Orchidaceae	Fl A MS
411f	200c	Lady Ackland's Cattleya, <i>Cattleya aelandiae</i>	Orchidaceae	Fl A MS
411g	200c	<i>Cattleya</i> sp.	Orchidaceae	Fl A MS
411h	200c	<i>Epidendrum cinnabarinum</i>	Orchidaceae	Fl A MS
411i	200c	<i>Phragmipedium cardinale</i>	Orchidaceae	Fl A MS
411j	200c	<i>Phragmipedium</i> sp.	Orchidaceae	Fl A MS
411k	200c	<i>Phalaenopsis</i> sp.	Orchidaceae	Fl A MS
411l	200c	<i>Cattleya gaskelliana</i>	Orchidaceae	Fl A MS
AUSTRIA		2013 February 20 (Best Wishes)		
2422	(62c)	Purple Coneflower, <i>Echinacea</i> sp.	Asteraceae	Fl A
		2013 May 24 (South Styrian Wine Region)		
2446	62c	Grapes, <i>Vitis vinifera</i>	Vitaceae	Fr B
BELARUS		2013 January 31 (Red Book: Endangered Flora and Fauna)		
846	(5500r)	Chamomile Grape-fern, <i>Botrychium matricariifolium</i>	Ophioglossaceae	V A
847a	(11300r)	SS of 2 (Sc#846-47)		
BOLIVIA		2012 September 19 (Orchids)		
1522	50c	<i>Vasqueziella boliviana</i>	Orchidaceae	Fl A
1523	1.50b	<i>Masdevallia yungasensis</i>	Orchidaceae	Fl A
1524	3b	<i>Cattleya rex</i>	Orchidaceae	Fl A
1525	5b	<i>Restrepia vasquezi</i>	Orchidaceae	Fl A
		2012 December 18 (Quinoa Cultivation)		
1541	1b	Quinoa plants, <i>Chenopodium quinoa</i>	Amaranthaceae	Fr A
1542	3.50b	Quinoa harvesters, <i>Chenopodium quinoa</i>	Amaranthaceae	Fr B
1543	4b	Quinoa plants in field, <i>Chenopodium quinoa</i>	Amaranthaceae	Fr A

BOSNIA & HERZEGOVINA (Croat) 2012 November 1

276a	50pf	Cherry fruit, <i>Prunus avium</i>	Rosaceae	Fr A
276b	50pf	Cherry flowers, <i>Prunus avium</i>	Rosaceae	Fl A

BRAZIL**2012 August 5 (Medicinal Plants)**

3223a	(1.20r)	Andiroba, <i>Carapa guianensis</i>	Meliaceae	Fr A
3223b	(1.20r)	Copaíba, <i>Copaifera martii</i>	Fabaceae	Fr A
3223c	(1.20r)	Muirá Puama, <i>Ptychopetalum olacoides</i>	Olacaceae	V A
3223d	(1.20r)	Unha-de-Gato, <i>Uncaria guianensis</i>	Rubiaceae	V A

2012 August 22 (Legends of Origin)

3224a	1.85r	Guaraná, <i>Paullinia cupana</i>	Sapindaceae	Fr B
3224b	1.85r	Cassava, <i>Manihot esculenta</i>	Euphorbiaceae	V B

CHINA (Taiwan)**2013 January 17 (Berries Type of 2012) [see Vol. 61(3)]**

4084	\$2.50	Rose Myrtle, <i>Rhodomyrtus tomentosa</i>	Myrtaceae	Fr A
4085	\$7	Shoebuttan Ardisia, <i>Ardisia elliptica (=squamulosa)</i>	Primulaceae	Fr A
4086	\$10	White-fleshed Pitahaya, <i>Hylocereus undatus</i>	Cactaceae	Fr A
4087	\$32	<i>Mahonia japonica</i>	Berberidaceae	Fr A

2013 March 5 (Grain Farming)

4091	\$5	Rice, <i>Oryza sativa</i>	Poaceae	Fr A
4092	\$7	Foxtail Millet, <i>Setaria italica</i>	Poaceae	Fr A
4093	\$10	Corn, <i>Zea mays</i>	Poaceae	Fr A
4094	\$25	Wheat, <i>Triticum aestivum</i>	Poaceae	Fr A

COLOMBIA**2012 October 24 (National Federation of Palm Oil Growers 50th anniversary)**

1386	6000p	Oil palm, <i>Elaeis guineensis</i>	Arecaceae	Fr T A
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CYPRUS**2013 May 2 (Herbs)**

1188	22c	Marjoram, <i>Origanum majorana (=dubium)</i>	Lamiaceae	Fl A
1189	85c	Marjoram, <i>Origanum majorana (=dubium)</i>	Lamiaceae	Fl A SS Z

FRENCH SOUTHERN & ANTARCTIC TERR. 2013 January 1

472	65c	Green Algae, <i>Prasiola crispa</i>	Prasioliaceae	V B
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GUYANA**2012–2013? (Sc#144 with “Revenue Only” ovpt)**

4185	\$20 on 60c	Soldier’s Cap, <i>Psychotria poeppigiana (=Cephaelis barcellana)</i>	Rubiaceae	Fl A
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2012–2013? (Sc#143–44 with “Revenue Only” ovpt)

4195	\$20 on 50c	Scarlet Star, <i>Guzmania lingulata</i>	Bromeliaceae	Fl A
4196	\$20 on 60c	Soldier’s Cap, <i>Psychotria poeppigiana (=Cephaelis barcellana)</i>	Rubiaceae	Fl A

IRELAND**2013 March 21 (Irish Cancer Society 50th anniversary)**

1990	N (55c)	Daffodil, <i>Narcissus pseudonarcissus</i>	Amaryllidaceae	Fl A
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MOLDOVA**2013 March 30 (Berries)**

778	55b	Gooseberries, <i>Ribes uva-crispa</i>	Grossulariaceae	Fr A
779	1.50L	Blueberries, <i>Vaccinium myrtillus</i>	Ericaceae	Fr A
780	1.75L	Raspberries, <i>Rubus idaeus</i>	Rosaceae	Fr A
781	1.75L	Guelder rose, <i>Viburnum opulus</i>	Adoxaceae	Fr A
782	2L	Sea-buckthorn, <i>Elaeagnus (=Hippophae) rhamnoides</i>	Elaeagnaceae	Fr A
783	4L	Red Currants, <i>Ribes rubrum</i>	Grossulariaceae	Fr A

PORTUGAL		2012 October 19 (Order of Engineers)		
3473	80c	Forestry and agronomic engineering: stylized trees, crops		V T S A
ROMANIA		2013 January 25 (Flowers and Clocks)		
5411	60b	Poppy, <i>Papaver rhoeas</i>	Papaveraceae	Fl B
5412	80b	Chicory, <i>Cichorium intybus</i>	Asteraceae	Fl B
5413	1L	<i>Podospermum roseum</i> (= <i>Scorzonera rosea</i>)	Asteraceae	Fl B
5414	1.60L	Marsh Marigold, <i>Caltha palustris</i>	Ranunculaceae	Fl B
5415	2.40L	Sunflower, <i>Helianthus annuus</i>	Asteraceae	Fl B
5416	5L	Germander Speedwell, <i>Veronica chamaedrys</i>	Plantaginaceae	Fl B
RUSSIA		2013 March 4 (Conifers)		
7435a	15r	Savin Juniper, <i>Juniperus sabina</i> var. <i>davurica</i> (= <i>J. davurica</i>)	Cupressaceae	Fr A
7435b	15r	Siberian Carpet Cypress, <i>Microbiota decussata</i>	Cupressaceae	Fr A
7435c	15r	Dahurian Larch, <i>Larix gmelinii</i> (= <i>cajanderi</i>)	Pinaceae	Fr A
7435d	15r	Siberian Spruce, <i>Picea obovata</i>	Pinaceae	Fr A
ST. MARTIN		2012 June 13 (Indonesia 2012 Intl Stamp Exhibition)		
29a	50c	Corpse Flower, <i>Rafflesia arnoldii</i> (UL quarter)	Rafflesiaceae	Fl A MS
29b	100c	Corpse Flower, <i>Rafflesia arnoldii</i> (UR quarter)	Rafflesiaceae	Fl A MS
29c	250c	Corpse Flower, <i>Rafflesia arnoldii</i> (LR quarter)	Rafflesiaceae	Fl A MS
29d	400c	Corpse Flower, <i>Rafflesia arnoldii</i> (LL quarter)	Rafflesiaceae	Fl A MS
ST. THOMAS & PRINCE IS.		2008 February 4		
1796b	5000d	Theophrastus and arum, <i>Arum maculatum</i>	Araceae	Fl B MS
1796	85000d	Sheet of 4 (Sc#1796a–d) (Butterflies)		MS
1805a	5000d	<i>Sophora denudata</i>	Fabaceae	Fl A MS
1805b	10000d	<i>Bremeria</i> (= <i>Mussaenda</i>) <i>landia</i>	Rubiaceae	Fl A MS
1805c	10000d	<i>Agarista salicifolia</i>	Ericaceae	Fl A MS
1805d	15000d	<i>Dodonaea viscosa</i>	Sapindaceae	Fl A MS
1805e	15000d	<i>Jumellea fragrans</i>	Orchidaceae	Fl A MS
1805f	30000d	<i>Centella asiatica</i>	Apiaceae	Fl A MS
1805	85000d	Sheet of 6 (Sc#1805a–f) (Medicinal Plants)		MS
1806a	10000d	Old Man of the Woods, <i>Strobilomyces floccopus</i>	Boletaceae	M MS
		Boat Orchid, <i>Cymbidium</i> sp.	Orchidaceae	Fl A MS
1806b	10000d	Shield Pinkgill, <i>Entoloma clypeatum</i>	Entolomataceae	M MS
		Calypso Orchid, <i>Calypso bulbosa</i>	Orchidaceae	Fl A MS
1806c	10000d	Laughing Gym, <i>Gymnopilus spectabilis</i>	Cortinariaceae	M MS
		Frog Orchid, <i>Dactylorhiza viridis</i> (= <i>Coeloglossum viride</i>)	Orchidaceae	Fl A MS
1806d	10000d	Birch Bolete, <i>Leccinum scabrum</i>	Boletaceae	M MS
		<i>Arachnis annamensis</i>	Orchidaceae	Fl A MS
1806e	10000d	Goliath Webcap, <i>Cortinarius praestans</i>	Cortinariaceae	M MS
		Snowdrop, <i>Galanthus nivalis</i>	Amaryllidaceae	Fl A MS
1806f	10000d	Gassy Webcap, <i>Cortinarius traganus</i>	Cortinariaceae	M MS
		Bamboo Orchid, <i>Arundina graminifolia</i>	Orchidaceae	Fl A MS
1806g	10000d	<i>Inocybe fastigiata</i>	Inocybaceae	M MS
		Epidendrum-like Aspidistra, <i>Aspidistra epidendroides</i>	Orchidaceae	Fl A MS
1806h	10000d	<i>Pholiota destruens</i>	Strophariaceae	M MS
		Butterfly Orchid, <i>Anacamptis</i> (= <i>Orchis</i>) <i>papilionacea</i>	Orchidaceae	Fl A MS
1806i	10000d	Rooting Poison Pie, <i>Hebeloma radicosum</i>	Hymenogastraceae	M MS
		Ghost Orchid, <i>Dendrophylax lindenii</i>	Orchidaceae	Fl A MS
1806	90000d	Sheet of 9 (Sc#1806a–i) (Mushrooms and Orchids)		MS

ST. THOMAS & PRINCE IS. (continued)

1830	95000d	<i>Psiloxylon mauritanum</i>	Myrtaceae	V A SS
1831	95000d	Bamboo Orchid, <i>Arundina graminifolia</i>	Orchidaceae	Fl A SS
		Sticky Bolete, <i>Suillus aeruginascens</i>	Suillaceae	M SS
2008 May 19 (Agriculture)				
1856a	20000d	Grapes and vineyard, <i>Vitis vinifera</i>	Vitaceae	Fr A MS
1856b	20000d	Bee on flower		Fl MS
1856c	20000d	Wheat stalks and field, <i>Triticum aestivum</i>	Poaceae	V A MS
1856d	40000d	Tulips and windmill, <i>Tulipa hybrida</i>	Liliaceae	Fl A MS
2008 July 17 (Orchids and butterflies)				
1876a	25000d	Kentucky Lady's Slipper, <i>Cypripedium kentuckiense</i>	Orchidaceae	Fl A MS
1876b	25000d	<i>Phalaenopsis lindenii</i>	Orchidaceae	Fl A MS
1876c	25000d	<i>Paphiopedilum</i> sp.	Orchidaceae	Fl A MS
1876d	25000d	<i>Phragmipedium x sedenii</i>	Orchidaceae	Fl A MS
2008 (Cooperation with China P.R. 9th anniv)				
1931a	1000d	Guavas, <i>Psidium guajava</i>	Myrtaceae	Fr A MS
1931b	1500d	Carambolas, <i>Averrhoa carambola</i>	Oxalidaceae	Fr A MS
1931c	2000d	Jujubes, <i>Ziziphus jujuba</i>	Rhamnaceae	Fr A MS
1931d	2500d	Wax Apples, <i>Syzygium samarangense</i>	Myrtaceae	Fr A MS
1931e	3000d	Papayas, <i>Carica papaya</i>	Caricaceae	Fr A MS
1931	10000d	Sheet of 5 (Sc#1931a–e + 4 labels) (Fruit from China P.R.)		MS
1932a	1000d	Avocados, <i>Persea americana</i>	Lauraceae	Fr A MS
1932b	1500d	Jackfruit, <i>Artocarpus heterophyllus</i>	Moraceae	Fr A MS
1932c	2000d	Soursops, <i>Annona muricata</i>	Annonaceae	Fr A MS
1932d	2500d	Cherimoyas, <i>Annona cherimola</i>	Annonaceae	Fr A MS
1932e	3000d	Mangoes, <i>Mangifera indica</i>	Anacardiaceae	Fr A MS
1932	10000d	Sheet of 5 (Sc#1932a–e + 4 labels) (Fruit from St. Thomas & Prince)		MS
2009 April 15 (surch/ovpt “2008/LOCAL até 20 g”)				
1984	(8000d)	Lemon Grass, <i>Cymbopogon citratus</i> (on 50c Sc#714)	Poaceae	V A
1991	(8000d)	Kola, <i>Buchholzia coriacea</i> (on 15.50d Sc#717)	Capparaceae	Fl A
1992	(8000d)	Indian Heliotrope, <i>Heliotropium indicum</i> (on 16d Sc#718)	Boraginaceae	Fl A
2000	(8000d)	<i>Dendrobium nobile</i> (on 10000d Sc#1488c in silver)	Orchidaceae	Fl B
2001	(8000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e)	Orchidaceae	Fl B
2002	(8000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in silver)	Orchidaceae	Fl B
2009 April 15 (surch/ovpt “2009/LOCAL até 20 g”)				
2007	(8000d)	<i>Dendrobium nobile</i> (on 10000d Sc#1488c in red)	Orchidaceae	Fl B
2008	(8000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in red)	Orchidaceae	Fl B
2009	(8000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in gold)	Orchidaceae	Fl B
2009 April 15 (surch/ovpt “2008/ZONA 1 até 20 g”)				
2011	(14000d)	Lemon Grass, <i>Cymbopogon citratus</i> (on 50c Sc#714)	Poaceae	V A
2018	(14000d)	Kola, <i>Buchholzia coriacea</i> (on 15.50d Sc#717)	Capparaceae	Fl A
2019	(14000d)	Indian Heliotrope, <i>Heliotropium indicum</i> (on 16d Sc#718)	Boraginaceae	Fl A
2027	(14000d)	<i>Dendrobium nobile</i> (on 10000d Sc#1488c in silver)	Orchidaceae	Fl B
2028	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e)	Orchidaceae	Fl B
2029	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in silver)	Orchidaceae	Fl B
2009 April 15 (surch/ovpt “2009/ZONA 1 até 20 g”)				
2034	(14000d)	<i>Dendrobium nobile</i> (on 10000d Sc#1488c in red)	Orchidaceae	Fl B
2035	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in red)	Orchidaceae	Fl B
2036	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in silver)	Orchidaceae	Fl B

ST. THOMAS & PRINCE IS. (cont) 2009 April 15 (surch/ovpt “2008/ZONA 2 até 20 g”)

2038	(14000d)	Lemon Grass, <i>Cymbopogon citratus</i> (on 50c Sc#714)	Poaceae	V A
2045	(14000d)	Kola, <i>Buchholzia coriacea</i> (on 15.50d Sc#717)	Capparaceae	Fl A
2046	(14000d)	Indian Heliotrope, <i>Heliotropium indicum</i> (on 16d Sc#718)	Boraginaceae	Fl A
2054	(14000d)	<i>Dendrobium nobile</i> (on 10000d Sc#1488c in silver)	Orchidaceae	Fl B
2055	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e)	Orchidaceae	Fl B
2056	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in silver)	Orchidaceae	Fl B

2009 April 15 (surch/ovpt “2009/ZONA 2 até 20 g”)

2061	(14000d)	<i>Dendrobium nobile</i> (on 10000d Sc#1488c in red)	Orchidaceae	Fl B
2062	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in red)	Orchidaceae	Fl B
2063	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in silver)	Orchidaceae	Fl B

2009 April 15 (surch/ovpt “2008/ZONA 3 até 20 g”)

2065	(14000d)	Lemon Grass, <i>Cymbopogon citratus</i> (on 50c Sc#714)	Poaceae	V A
2072	(14000d)	Kola, <i>Buchholzia coriacea</i> (on 15.50d Sc#717)	Capparaceae	Fl A
2073	(14000d)	Indian Heliotrope, <i>Heliotropium indicum</i> (on 16d Sc#718)	Boraginaceae	Fl A
2081	(14000d)	<i>Dendrobium nobile</i> (on 10000d Sc#1488c in silver)	Orchidaceae	Fl B
2082	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e)	Orchidaceae	Fl B
2083	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in silver)	Orchidaceae	Fl B

2009 April 15 (surch/ovpt “2009/ZONA 3 até 20 g”)

2088	(14000d)	<i>Dendrobium nobile</i> (on 10000d Sc#1488c in red)	Orchidaceae	Fl B
2089	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in red)	Orchidaceae	Fl B
2090	(14000d)	<i>Dendrobium bullenianum</i> (on 10000d Sc#1488e in silver)	Orchidaceae	Fl B

2009 October 29 (Medicinal Plants)

2181a	5000d	Oregano, <i>Origanum vulgare</i>	Lamiaceae	Fl A MS
2181b	10000d	Garden Angelica, <i>Angelica archangelica</i>	Apiaceae	Fl A MS
2181c	10000d	Yarrow, <i>Achillea millefolium</i>	Asteraceae	Fl A MS
2181d	15000d	Tarragon, <i>Artemisia dracunculus</i>	Asteraceae	Fl A MS
2181e	20000d	Garlic, <i>Allium sativum</i>	Amaryllidaceae	Fl A MS
2181	60000d	Sheet of 5 (Sc#2181a–e)		MS
2191	60000d	Mugwort, <i>Artemisia vulgaris</i>	Asteraceae	Fl A SS

SIERRA LEONE**2012 November 28** (Carnivorous Plants)

3156a	5000L	Dewy Pine, <i>Drosophyllum lusitanicum</i>	Drosophyllaceae	V A MS
3156b	5000L	Nepenthes Pitcher, <i>Nepenthes madagascariensis</i>	Nepenthaceae	V A MS
3156c	5000L	Waterwheel Plant, <i>Aldrovanda vesiculosa</i>	Droseraceae	V A MS
3156d	5000L	Pitcher Plant, <i>Nepenthes pervillei</i>	Nepenthaceae	V A MS
3157	16000L	African Sundew, <i>Drosera nidiformis</i>	Droseraceae	V A SS

SINGAPORE**2013 March 20** (Pond Life Type of 2011) [(see Vol. 60(3))]

1597	(26c)	Geli geli, <i>Lasia spinosa</i>	Araceae	Fl Fr A
1598	(32c)	Water Gentian, <i>Nymphoides indica</i>	Menyanthaceae	Fl A

SLOVENIA**2013 March 22** (Fruit)

978	60c	Jujube, <i>Ziziphus jujuba</i>	Rhamnaceae	Fr A
979	64c	Fig, <i>Ficus carica</i>	Moraceae	Fr A
980	92c	Loquat, <i>Eriobotrya japonica</i>	Rosaceae	Fr A
981	97c	Service Tree, <i>Cornus</i> (= <i>Sorbus</i>) <i>domestica</i>	Rosaceae	Fr A SS

SRI LANKA**2012 October 7** (2012 World Post Day Stamp Exhibition)

1855	5r	<i>Exacum trinervium</i>	Gentianaceae	Fl A
1856	5r	Plumeria, <i>Plumeria rubra</i>	Apocynaceae	Fl A
1857	5r	Chinese hibiscus, <i>Hibiscus rosa-sinensis</i>	Malvaceae	Fl A
1858	5r	Sunflower, <i>Helianthus annuus</i>	Asteraceae	Fl A
1858a	20r	Sheet of 4 (Sc#1855–58)		SS

2013 January 18 (Diplomatic Relations with Japan 60th anniv)

1883	5r	Lotus flower, <i>Nelumbo nucifera</i>	Nelumbonaceae	Fl A
1884	65b	Cherry blossoms, <i>Prunus mume</i>	Rosaceae	Fl A
188a	70b	Sheet of 2 (Sc#1883–84)		SS

SURINAM**2012 March 21** (Flowers)

1433	\$1	Allamanda, <i>Allamanda cathartica</i>	Apocynaceae	Fl A
1434	\$2	Anemone, <i>Anemone</i> sp.	Ranunculaceae	Fl A
1435	\$3	Amaryllis, <i>Hippeastrum x hybridum</i>	Amaryllidaceae	Fl A
1436	\$4	Wedelia, <i>Sphagneticola trilobata</i>	Asteraceae	Fl A
1437	\$5.50	Black-eyed Susan, <i>Thunbergia alata</i>	Acanthaceae	Fl A
1438	\$7.50	Firecracker Flower, <i>Crossandra infundibuliformis</i>	Acanthaceae	Fl A
1439	\$8	Dahlia, <i>Dahlia x hybrida</i>	Asteraceae	Fl A
1440	\$9	Heliconia, <i>Heliconia</i> sp.	Heliconiaceae	Fl A

2013 March 13 (Flowers)

1451a	B (55c)	Agapanthus, <i>Agapanthus africanus</i>	Amaryllidaceae	Fl A MS
1451b	\$1.35	Anthurium, <i>Anthurium andreaeanum</i>	Araceae	Fl A MS
1451c	\$1.85	Columbine, <i>Aquilegia vulgaris</i>	Ranunculaceae	Fl A MS
1451d	\$2.25	Fishhook Barrel Cactus, <i>Ferocactus wislizeni</i>	Cactaceae	Fl A MS
1451e	\$2.50	Crocus, <i>Crocus vernus</i>	Amaryllidaceae	Fl A MS
1451f	\$3.50	Treasure Flower, <i>Gazania rigens</i>	Asteraceae	Fl A MS
1451g	\$3.75	Pincushion, <i>Leucospermum</i> sp.	Proteaceae	Fl A MS
1451h	\$4.25	Saguaro Cactus, <i>Carnegiea gigantea</i>	Cactaceae	Fl A MS
1451i	\$5.50	Hen and Chicks, <i>Sempervivum grandiflorum</i>	Crassulaceae	Fl A MS
1451j	\$7.50	Waratah, <i>Telopea speciosissima</i>	Proteaceae	Fl A MS
1451k	\$10.50	Tulip, <i>Tulipa gesneriana</i>	Liliaceae	Fl A MS
1451l	\$11.50	Calla Lily, <i>Zantedeschia aethiopica</i>	Araceae	Fl A MS
1451	\$55	Sheet of 12 (Sc#1451a–l)		MS

SWITZERLAND**2013 May 7** (Flowers Type of 2011)

1481	130c	Pepper, <i>Capsicum annuum</i>	Solanaceae	Fl A
1482	220c	Leek, <i>Allium ampeloprasum (=porrum)</i>	Amaryllidaceae	Fl A
1482a	350c	Horiz pair (Sc#1481–82)		

TANZANIA**2011 September 7** (Flowers of Africa)

2624a	1500sh	African Foxglove, <i>Ceratostema triloba</i>	Pedaliaceae	Fl A MS
2624b	1500sh	Bird-of-Paradise, <i>Strelitzia reginae</i>	Strelitziaceae	Fl A MS
2624c	1500sh	Water Hyacinth, <i>Eichhornia crassipes</i>	Pontederiaceae	Fl A MS
2624d	1500sh	Torch Lily, <i>Kniphofia uvaria</i>	Xanthorrhoeaceae	Fl A MS
2624	7500sh	Sheet of 5 (Sc#2624a–c, 2×Sc#2624d)		MS
2625	3800sh	Fan Aloe, <i>Aloe plicatilis</i>	Asparagaceae	Fl A SS

THAILAND**2011 November 7**

2640	3b	Lotus, <i>Nelumbo nucifera</i>	Nelumbonaceae	Fl A
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TURKEY**2013 January 7** (Calligraphy)

3327	20k	Brushstroke and Flowers		Fl B U
3328	1.1L	Brushstroke and Tulips, <i>Tulipa</i> sp.	Liliaceae	Fl B
3329	2.2L	Brushstroke and Flowers		Fl B U
3331	8L	Brushstroke and Flowers		Fl B U

2012 September 11 (Four Seasons)

O299	10k	Evergreen branch in winter	Pinaceae	V A U
O300	25k	Tree blossoms in spring		Fl A U
O301	50k	Cherries on branch in summer, <i>Prunus avium</i>	Rosaceae	Fr A
O302	1L	Leaves on tree in autumn		V A U

UKRAINE**2012 July 25** (Tree Leaves and Fruit)

882	(4.30h)	Sycamore Maple, <i>Acer psuedoplanatus</i>	Sapindaceae	Fr V A
883	(8.10h)	European Willow, <i>Salix alba</i>	Salicaceae	Fr V A

2012 September 1 (Bountiful Ukraine: Summer)

894a	2h	Cherries, <i>Cerasus vulgaris</i>	Rosaceae	Fr A MS
894b	2h	Marigolds, <i>Tagetes patula</i>	Asteraceae	Fl A MS
894c	2.50h	Hollyhocks, <i>Alcea rosea</i>	Malvaceae	Fl A MS
894d	3.30h	Strawberries, <i>Fragaria vesca</i>	Rosaceae	Fr A MS
		Clover, <i>Trifolium pratense</i>	Fabaceae	Fl A MS
		Daisies, <i>Leucanthemum vulgare</i>	Asteraceae	Fl A MS
894	Margin	Sunflowers, <i>Helianthus annuus</i>	Asteraceae	Fl A Z
		Daisies, <i>Leucanthemum vulgare</i>	Asteraceae	Fl A Z
		Wheat, <i>Triticum aestivum</i>	Poaceae	V A Z
		Roses, <i>Rosa</i> sp.	Rosaceae	Fl A Z
		Lilies, <i>Lilium</i> sp.	Liliaceae	Fl A Z
		U/I flowers		Fl Z
		Plums, <i>Prunus domestica</i>	Rosaceae	Fr A Z
		Peaches, <i>Prunus persica</i>	Rosaceae	Fr A Z
		Berries, <i>Rubus</i> sp.	Rosaceae	Fr A Z

2012 October 4 (Nikita Botanical Gardens 200th anniv)

898d	5.30h	<i>Echinocereus</i> sp.	Cactaceae	Fl A MS
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2013 January 11 (Definitive)

909	N (4k)	Mulberry, <i>Morus alba</i>	Moraceae	Fr V A
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UNITED STATES**2013 April 5** (Vintage Seed Packets)

4754	(46c)	Phlox, <i>Phlox drummondii</i>	Polemoniaceae	Fl A
4755	(46c)	Calendula, <i>Calendula officinalis</i>	Asteraceae	Fl A
4756	(46c)	Digitalis, <i>Digitalis lutea</i>	Plantaginaceae	Fl A
4757	(46c)	Red Flax, <i>Linum grandiflorum</i>	Linaceae	Fl A
4758	(46c)	Alyssum, <i>Alyssum</i> sp.	Brassicaceae	Fl A
4759	(46c)	Zinnias, <i>Zinnia hybrida</i>	Asteraceae	Fl A
4760	(46c)	Pinks, <i>Dianthus</i> sp.	Caryophyllaceae	Fl A
4761	(46c)	Cosmos, <i>Cosmos bipinnatus</i>	Asteraceae	Fl A
4762	(46c)	Aster, <i>Aster hybridus</i>	Asteraceae	Fl A
4763	(46c)	Primrose, <i>Primula verna</i>	Primulaceae	Fl A

URUGUAY**2012 October 5** (Crops for Alternative Energy Sources)

2388	12p	Sugarcane, <i>Saccharum officinarum</i>	Poaceae	V A
2389	12p	Sunflowers, <i>Helianthus annuus</i>	Asteraceae	Fl A

AUSTRALIAN PLANTS On Australian Postage Stamps

The Australian National Herbarium and the Australian National Botanic Gardens are sponsoring a web site that lists and shows all Australian stamps that display an Australian plant (<http://www.anbg.gov.au/stamps/>). They are also working on lists for other countries that show plants native to Australia.

Stamps are listed according to plant species and year of issue. The chronological sequence starts with the South Australian Proclamation Tree stamp of 1936, a River Red Gum, *Eucalyptus camaldulensis*. The first real featured plant is the Flannel Flower, *Actinotus helianthi* 2/-, 8 April 1959.

It ends with *Cocos nucifera* featured on a stamp of Darwin Botanic Gardens in 2013.

When you click on the link for each species, a new page displays containing a very high quality image of the stamp along with the date of issue and the name of the designer. The page also describes the characteristics of the plant and provides details about its distribution, propagation, and cultivation.

You can use the BACK and NEXT buttons at the end of each stamp page move in chronological order of their issue.

The STAMPS button brings you back to the alphabetical index.

Only the first issued stamp with a particular botanical illustration is included when the same illustration is used on stamps with several denominations or re-issues.

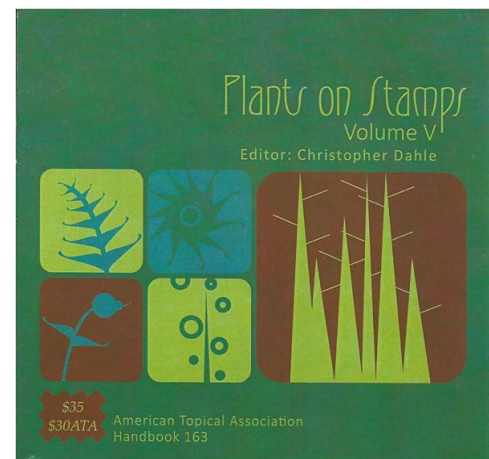
The site offers links to other botanical and horticultural information. If you are researching Australian plants, you cannot beat this site for one-stop answers.



NEW PLANTS HANDBOOK

Christopher Dahle, our Associate Editor for Botany, has produced an update to the Plants Handbook. The ATA published it on compact disk in August 2013. It became available at APS StampShow 2013, and your editor is happy to say that he purchased the first copy. The print version was not available at the time of the show, but should be on sale from the ATA by the time you receive this edition. Cost for the print copy is \$40 plus postage (\$4 US/\$10 Canada/\$17 Intl). Cost for the digital version is \$35 (ATA Members \$30) plus postage (\$1 US/\$2.25 Canada/\$3 Intl). See the ATA web site (www.americantopicalassn.org) to place orders.

This handbook is not merely an addendum to the Plants I, II, III, and IV handbooks (HB94, HB112, HB137, and HB149) produced by previous Unit members. It is a consolidation of all five Plants handbooks plus the Orchids Handbook (HB118). These other handbooks together are a \$40 value. The contents of the CD are in searchable portable document format (PDF) files.



Cover design by Amanda Morgenstern



FUNGI

Editor

Paul A. Mistretta, BU1681



New Listings

Scott#	Denom	Common Name/Scientific Name	Family	Code
ST. THOMAS & PRINCE IS. 2008 February 4 (Naturalists)				
1797a	5000d	Aristotle (384–322 BC)	----	R
1797	85000d	MS of 4 (Sc#1797a–d)		
2008 February 4 (Mushrooms and Orchids)				
1806a	10000d	Old Man of the Woods, <i>Strobilomyces floccopus</i>	Boletaceae	A
1806b	10000d	Shield Pinkgill, <i>Entoloma clypeatum</i>	Entolomataceae	A
1806c	10000d	Laughing Gym, <i>Gymnopilus spectabilis</i>	Cortinariaceae	A
1806d	10000d	Birch Bolete, <i>Leccinum scabrum</i>	Boletaceae	A
1806e	10000d	Goliath Webcap, <i>Cortinarius praestans</i>	Hymenogastraceae	A
1806f	10000d	Gassy Webcap, <i>Cortinarius traganus</i>	Hymenogastraceae	A
1806g	10000d	<i>Inocybe fastigiata</i>	Inocybaceae	A
1806h	10000d	<i>Pholiota destruens</i>	Strophariaceae	A
1806i	10000d	Rooting Poison Pie, <i>Hebeloma radicosum</i>	Hymenogastraceae	A
1806	90000d	MS of 9 (Sc#1806a–i)		
1831	SS 95000d	Sticky Bolete, <i>Suillus aeruginascens</i>	Suillaceae	A
	Margin	LL: Weeping Bolete, <i>Suillus granulatus</i>	Suillaceae	Z
		LR: Bay Bolete, <i>Xerocomus badius</i>	Boletaceae	Z
2009 May 29 (Intl. Year of Science)				
2104a	20000d	Linnaeus	-----	R
2104	110000d	MS of 4 (Sc#2104a–d)		
2009 May 29 (Mushrooms)				
2115a	20000d	Chantarelle (girolle)	(Cantharellaceae)	A
2115b	20000d	Hydne	(Hydnaceae)	A
2115c	20000d	Psalliote (Champignons de couches)	(Agaricaceae)	A
2115d	40000d	Ruby Bolete, <i>Xerocomus rubellus</i>	Boletaceae	A
2115	100000d	MS of 4 (Sc#2115a–d)		
2009 July 30 (Scouts and Mushrooms)				
2137a	13000d	Aniseed Toadstool, <i>Clitocybe odora</i>	Tricholomataceae	A
2137b	13000d	Rosy Spike-cap, <i>Gomphidius roseus</i>	Gomphidiaceae	A
2137c	39000d	Sepia Bolete, <i>Xerocomus porosporus</i>	Boletaceae	A
2137d	39000d	<i>Russula olivacea</i>	Russulaceae	A
2137	104000d	MS of 4 (Sc#2137a–d)		
2149	SS 100000d	Common Funnel, <i>Clitocybe gibba</i>	Tricholomataceae	A
	Margin	Bot: Orange Birch Bolete, <i>Boletus rufescens</i>	Boletaceae	Z
		LR: Summer Cep, <i>Boletus reticulatus</i>	Boletaceae	Z

ST. THOMAS & PRINCE IS. (cont) 2009 July 30 (Mushrooms and Orchids)

2163a	25000d	<i>Russula paludosa</i>	Russulaceae	A
2163b	25000d	Plums and Custard, <i>Tricholomopsis rutilans</i>	Tricholomataceae	A
2163c	25000d	Summer Cep, <i>Boletus reticulatus</i>	Boletaceae	A
2163d	35000d	<i>Lentinus tigrinus</i>	Polyporaceae	A
2163	110000d	MS of 4 (Sc#2163a–d)		
2173	100000d	Jack-o'-lantern, <i>Omphalotus olearius</i>	Tricholomataceae	A
	Margin	LL: <i>Tricholoma colossus</i>	Tricholomataceae	Z
		Bot: Brown Puffball, <i>Bovista nigrescens</i>	Lycoperdaceae	Z
		LR: Orange Birch Bolete, <i>Boletus rufescens</i>	Boletaceae	Z

SURINAM**2011 February 16** (Mushrooms)

1417a	\$8	<i>Russula paludosa</i>	Russulaceae	A
1417b	\$10	Golden Bootleg, <i>Phaeolepiota aurea</i>	Agaricaceae	A
1417	\$18	Horiz pair (Sc#1417a–b)		

Errata

In the last issue of *Biophilately*, I mistakenly reported a new two MS issue from Ghana as being Sc#2173a–c and Sc#2174a–c. The correct numbering is Sc#2713a–c and Sc#2174a–c. I am sorry for the confusion. And, thanks to Bob Peabody (BU1310) for reporting the error to me so that I could correct the information.

Awaiting Catalog Listing

Country	Issue Date	Description	Code
China (Taiwan)	2013 July 24	Mushrooms (set of 4)	A
Iran	2013 May 19	Avicenna's writings (single)	R
Israel	2013 May 26	Man searching for mushrooms (in vignette of one of 10 se-tenant stamps) (reported but not yet seen)	B

Taxonomy Updates

In the March 2011 issue of *Biophilately* [Vol. 60 (1), pp.13-14], I briefly recapped some of the problems involved with the taxonomy and nomenclature of fungi. At that time I requested help in updating my 30+ year-old interpretation of the taxonomy this group. This month, based on a set of questions from our Editor I will begin the process of updating the family level taxonomy of several groups of fungi with which I have had limited experience. The following changes from past naming apply in the listing found above:

- Based on a 2006 reevaluation of *Strobilomyces*, authorities have returned the genus to the family Boletaceae. The family name Strobilomycetaceae has been abandoned.
- *Bovista* has been moved from the now mothballed Lycoperdales [the entire order (taxonomic step above the family level) has been reevaluated out of use based on molecular level studies] to Agaricaceae.
- *Inocybe* has been moved from the family Cortinariaceae to the family Inocybaceae based on a work published in 1982.
- *Hebeloma* has also been moved from the family Cortinariaceae. Authorities now place it in the family Hymenogastraceae based on molecular analyses.
- *Suillus* has been moved from Boletaceae to the family Suillaceae.
- *Xerocomus* has been returned to Boletaceae and Xerocomaceae has been abandoned.

Look for similar changes in the next issue. I will tackle the literature and the web and we will see what happens.

In addition to these family name changes, Editor Congrove raised another question that led to no change, but needs highlighting. The three species of *Xerocomus* noted above (*badius*, *rubellus*, and *porosporus*) are all also classified as species of *Boletus*, and it is noted that the genus *Xerocomus* is not universally accepted (despite a growing molecular data base supporting its separation from *Boletus*).

Be that as it may. I generally beg the question of taxonomy in favor of the actual content of the stamp's vignette. In the case of these three fungi, the names given on the stamps in question are all *Xerocomus*, so they are so named in the above listing. One finds a similar general headache in the use of *Lepiota procera* versus *Macrolepiota procera* along with many other examples in the philatelic fungal garden.

CARRIERS AND LOCALS CHECKLIST

Carrier and Local Post stamps have been used by government and private delivery operations to provide services within a limited geographical area. Many of these issues use images that fit into topical collections. At the APS StampShow, Clifford J. Alexander of the Carriers and Locals Society provided a checklist of these issues by topic to the ATA booth. I have extracted the biology-related items for the following listing.

Established in 1991, the Carriers and Locals Society is a non-profit association interested in the carriers, local posts, independent mails, and Eastern expresses of the 19th century including their stamps and postal history. The Society publishes a quarterly journal, *The Penny Post*. For more information see <http://www.pennypost.org/>.

BEARS

Carnes' City Letter Express (San Francisco 1864)

35L1	5c rose	35L5	5c silver
35L2	10c rose	35L6	5c black
35L3	5c bronze	35L7	5c blue
35L4	5c gold	35L8	5c red

Loomis Letter Express (San Francisco 1868)

98L1 rose

Penny Express Co. (Western US 1866)

114L1 5c black
114L2 5c blue
114L3 5c red



BEEHIVES

Chicago Penny Post (Chicago 1862)

38L1 1c orange brown

Dupuy & Schneck (New York 1846-47)

60L1 1c black on glazed 60L2 1c black on gray

BIRDS (See also EAGLES and PIGEONS)

Carnes' City Letter Express (San Francisco 1864)

35L1	5c rose	35L5	5c silver
35L2	10c rose	35L6	5c black
35L3	5c bronze	35L7	5c blue
35L4	5c gold	35L8	5c red

Loomis Letter Express (San Francisco 1868)

98L1 rose

Penny Express Co. (Western US 1866)

114L1 5c black
114L2 5c blue
114L3 5c red



DOGS

McGreeley's Express (Alaska 1898)
156L1 25c blue

**EAGLES**

Eagle Carrier Stamp (1851)

LO2 1c blue
LO5 1c blue (reprint)
LO6 1c blue perf (reprint)

Wharton's U.S.P.O. Despatch Carrier (Louisville 1857)

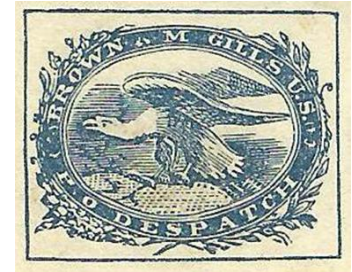
5LB1 bluish green

Brown & McGill's U.S.P.O. Despatch (Louisville 1858)

5LB2 blue
5LB3 black

Philadelphia U.S.P.O. Carrier (Philadelphia 1850)

7LB16 1c blue on buff (hand stamped)



American Letter Mail Co. (New York, Philadelphia, & Boston 1844)

5L1 black (thin paper)
5L2 black on gray
5L3 blue on gray

Boyd's City Express (New York 1844)

20L1	2c black on green	20L14	2c black on green
20L2	2c black on yellow green	20L15	1c black on green
20L3	2c black on bluish green	20L16	2c black on red
20L4	2c gold on cream	20L17	1c black on lilac
20L5	2c gold on cream	20L18	1c black on blue gray
20L6	2c black on green glazed	20L19	2c gold on white
20L7	2c black on yellow green	20L20	2c gold on green
20L8	2c black on green	20L21	2c gold on dark blue
20L9	2c gold on white	20L22	2c gold on crimson
20L10	2c black on green	20L23	2c black on red
20L11	2c black on olive green	20L24	1c black on lilac
20L12	2c brick red on white	20L25	1c black on blue
20L13	2c dull orange on white		

Boyd's City Dispatch

20L26	2c light blue	20L32	2c lilac on roseate
20L28	2c black on red	20L33	2c lilac on roseate
20L29	2c blue on red	20L34	2c brown on yellow
20L30	2c lilac on roseate	20L35	violet on lilac
20L31	2c lilac on roseate	20L36	gray on roseate

Boyd's City Post Envelopes

20U1	red	20U7	deep blue on orange
20U2	red on amber	20U8	red on cream
20U3	red on yellow	20U9	red on orange
20U4	blue	20U10	blue on cream
20U5	blue on amber	20U11	blue on orange
20U6	blue on yellow	20U11A	blue on amber

EAGLES (continued)

Boyd's City Dispatch Envelopes

20U12	red	20U23	red on cream
20U13	red on amber	20U24	red on amber
20U14	red on cream	20U25	red on cream
20U15	red on yellow	20U26	red on amber
20U16	red on orange	20U27	red on cream
20U17	red	20U28	red on amber
20U18	red on cream	20U29	red on amber
20U19	red on yellow	20U30	red on amber
20U20	red on orange	20U31	red on cream
20U21	red on blue	20U32	red on yellow
20U22	red on amber		



Frazer & Co. (Cincinnati 1845)

69L2	2c black on pink	69L4	2c black on yellow
69L3	2c black on green	69L5	2c black on grayish

Jefferson Market P.O. (New York 1850)

88L1	black on pink
88L2	black on blue

New York City Express Post (New York 1847)

111L1	2c black on green
111L2	2c orange

Westervelt's Post Envelopes (Chester, New York 1865)

144LU1	red on white	144LU4	black on buff
144LU2	red brown on orange	144LU5	black on white
144LU3	black on bluish		

HORSES

Baltimore Carrier (Baltimore 1857)

1LB8	1c black
1LB9	1c red

Baker's City Express (Cincinnati 1849)

6L1	2c black
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Bayonne City Dispatch (Bayonne City 1883)

9L1	1c black
9LU	1c purple on amber envelope

Cuttings Despatch Post (Buffalo 1847)

56L1	2c black on vermillion
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Humboldt Express (Nevada 1863)

86L1	25c brown
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Jabez Fearey & Co. Mustang Express (Newark 1887)

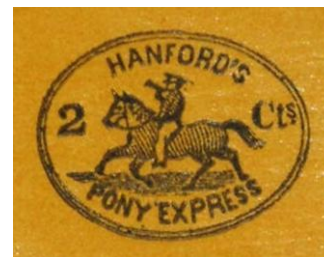
66L1	black on red
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Frazer's City Express (Cincinnati 1858)

69L6	2c black on rose
69L7	2c black on blue
69L8	2c black on yellow

Hanford's Pony Express (New York 1845)

78L1	black on orange yellow
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HORSES (continued)

Hussey Special Delivery

87LE1	5c black on vermillion	87LE5	25c gold on blue
87LE2	10c gold on green	87LE6	30c black on vermillion
87LE3	15c gold on black	87LE7	50c black on green
87LE4	20c black		

Kidder's City Express Post (Brooklyn 1847)

93L1 2c black on pale blue

Penny Express Co. (Western US 1866)

114L1 5c black
114L2 5c blue
114L3 5c red

(Wiley's) One Cent Despatch (Washington & Baltimore 1856)

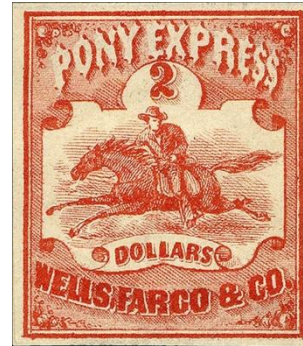
112L1 1c violet
112L2 1c red

Spence & Brown Express Post (Philadelphia 1848)

159L2 black

Wells, Fargo & Co. (Western US 1851)

143L1	\$2 red	143L5	\$4 black
143L2	\$4 green	143L7	10c brown
143L3	\$1 red	143L8	25c blue
143L4	\$2 green	143L9	25c red

**PIGEONS**

Blood's Despatch (Philadelphia 1848)

15L11 black on pale green

Brooklyn City Express Post (Brooklyn 1855)

28L1	1c black on blue	28L5	2c black on dark blue
28L2	1c black on green	28L6	2c black on orange
28L3	2c black on crimson	28L7	2c black on pink
28L4	2c black on pink		

City Express Post (Philadelphia 184?)

44L2 black on pink
44L3 red on yellow

Overton & Co. (New York, Boston, & Albany 1844)

113L1 black on greenish

Squier & Co. City Letter Dispatch (St. Louis 1859)

132L1 1c green
132L2 1c rose brown
132L3 1c brownish purple
132L4 1c green





MAMMALIA

Editor

Michael Prince, LM68



Scott#	Denom	Common Name/Scientific Name	Family/Subfamily
AUSTRIA 2013 March 14 (Chamois)			
2427	90c	Chamois, <i>Rupicapra rupicapra</i>	Bovidae
BRAZIL 2011 July 6 (Flora and Fauna of Tijuca National Park)			
3174b	5r	West European Hedgehog, <i>Erinaceus europaeus</i>	Erinaceidae
3174	10r	MS of 2 (Sc#3174a–b)	
BULGARIA 2012 October 18 (Flora and Fauna of Parangalitsa Preserve)			
4614b	1.5L	Wild Cat, <i>Felis silvestris</i>	Felidae
4614	2.15L	SS of 2 (Sc#4614a–b)	
BURUNDI 2012 August 31 (Nature Protection)			
1110a	1070fr	Tiger, <i>Panthera tigris</i>	Felidae
1110b	1070fr	Sumatran Orangutan, <i>Pongo abelii</i>	Hominidae
1110c	3000fr	Slow Loris, <i>Nycticebus coucang</i>	Loridae
1110	8140fr	MS of 4 (Sc#1110a–d) (Illegal Wildlife Trade) (see Sc#1130)	
1111c	3000fr	Bornean Orangutan, <i>Pongo pygmaeus</i>	Hominidae
1111	8140fr	MS of 4 (Sc#1111a–d) (Deforestation)	
1112a	1070fr	White Rhinoceros, <i>Ceratotherium simum</i>	Rhinocerotidae
1112b	1070fr	Brown Bear, <i>Ursus arctos</i>	Ursidae
1112c	3000fr	Dromedary, <i>Camelus dromedarius</i>	Camelidae
1112d	3000fr	Lion, <i>Panthera leo</i>	Felidae
1112	8140fr	MS of 4 (Sc#1112a–d) (Habitat Fragmentation) (see Sc#1132)	
1113a	1070fr	Killer Whale, <i>Orcinus orca</i>	Delphinidae
1113b	1070fr	Blue Whale, <i>Balaenoptera musculus</i>	Balaenopteridae
1113d	3000fr	Weddell Seal, <i>Leptonychotes weddellii</i>	Phocidae
1113	8140fr	MS of 4 (Sc#1113a–d) (Destruction of Antarctic) (see Sc#1133)	
1114d	3000fr	Walrus, <i>Odobenus rosmarus</i>	Odobenidae
1114	8140fr	MS of 4 (Sc#1114a–d) (Global Warming Theory) (see Sc#1134)	
1116c	3000fr	Pere David's Deer, <i>Elaphurus davidianus</i>	Cervidae
1116d	3000fr	Pygmy Rabbit, <i>Brachylagus idahoensis</i>	Leporidae
1116	8140fr	MS of 4 (Sc#1116a–d) (Extinct Species in Nature) (see Sc#1136)	
1117a	1070fr	Tiger, <i>Panthera tigris</i>	Felidae
1117b	1070fr	Lion, <i>Panthera leo</i>	Felidae
1117c	3000fr	Burchell's Zebra, <i>Equus quagga</i>	Equidae
1117d	3000fr	White Rhinoceros, <i>Ceratotherium simum</i>	Rhinocerotidae
1117	8140fr	MS of 4 (Sc#1117a–d) (Mammals on the Red List) (see Sc#1137)	
1118a	1070fr	U/I seal sp. attacked by shark	Phocidae
1118b	1070fr	U/I seal sp. in shark's mouth	Phocidae
1118c	3000fr	U/I seal sp. with shark	Phocidae
1118d	3000fr	U/I seal sp. attacked by shark	Phocidae
1118	8140fr	MS of 4 (Sc#1118a–d) (Sharks and Pinnipeds) (see Sc#1138)	

new

BURUNDI (continued)		2012 August 31 (Nature Protection)	
1119a	1070fr	Atlantic Spotted Dolphin, <i>Stenella frontalis</i>	Delphinidae
1119b	1070fr	Common Bottlenose Dolphin, <i>Tursiops truncatus</i> (facing left)	Delphinidae
1119c	1070fr	Common Bottlenose Dolphin, <i>Tursiops truncatus</i> (facing right)	Delphinidae
1119d	1070fr	Common Bottlenose Dolphin, <i>Tursiops truncatus</i> (three)	Delphinidae
1119	8140fr	MS of 4 (Sc#1119a–d) (Save the Dolphins) (see Sc#1139)	
1120a	1070fr	Killer Whale, <i>Orcinus orca</i> (shark in mouth)	Delphinidae
1120b	1070fr	Killer Whale, <i>Orcinus orca</i> (orca facing left)	Delphinidae
1120c	3000fr	Killer Whale, <i>Orcinus orca</i> (orca facing front)	Delphinidae
1120d	3000fr	Killer Whale, <i>Orcinus orca</i> (orca facing right)	Delphinidae
1120	8140fr	MS of 4 (Sc#1120a–d) (Orcas and Sharks) (see Sc#1140)	
1121a	1070fr	Sperm Whale, <i>Physeter catodon</i>	Physeteridae
1121b	1070fr	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae
1121c	3000fr	Grey Whale, <i>Eschrichtius robustus</i>	Balaenopteridae
1121d	3000fr	Minke Whale, <i>Balaenoptera acutorostrata</i>	Balaenopteridae
1121	8140fr	MS of 4 (Sc#1121a–d) (Save the Whales) (see Sc#1141)	
1130	SS 7500fr	Pygmy Slow Loris, <i>Nycticebus pygmaeus</i>	Loridae
	Margin	Tiger, <i>Panthera tigris</i>	Felidae
		Malayan Pangolin, <i>Manis javanica</i>	Manidae
1132	SS 7500fr	White-tailed Deer, <i>Odocoileus virginianus</i>	Cervidae
	Margin	Jaguar, <i>Panthera onca</i>	Felidae
1133	Margin	Ross Seal, <i>Ommatophoca rossii</i>	Phocidae
1134	SS 7500fr	Polar Bear, <i>Ursus maritimus</i>	Ursidae
1135	SS 7500fr	California Sea Lion, <i>Zalophus californianus</i>	Otariidae
1136	SS 7500fr	Scimitar-horned Oryx, <i>Oryx dammah</i>	Bovidae
	Margin	Lion, <i>Panthera leo</i>	Felidae
1137	SS 7500fr	Blonde Capuchin, <i>Cebus flavius</i>	Cebidae
	Margin	Maned Three-toed Sloth, <i>Bradypus torquatus</i>	Bradypodidae
		Giraffe, <i>Giraffa camelopardalis</i>	Giraffidae
		European Mink, <i>Mustela lutreola</i>	Mustelidae
1138	SS 7500fr	U/I seal sp. in shark's mouth	Phocidae
	Margin	U/I seal sp. on rocks	Phocidae
1139	SS 7500fr	Short-beaked Common Dolphin, <i>Delphinus delphis</i>	Delphinidae
	Margin	Atlantic Spotted Dolphin, <i>Stenella frontalis</i>	Delphinidae
		Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae
1140	SS 7500fr	Killer Whale, <i>Orcinus orca</i>	Delphinidae
1141	SS 7500fr	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae
	Margin	Sperm Whale, <i>Physeter catodon</i>	Physeteridae
CANADA		2013 January 14 (Juvenile Wildlife Type of 2011)	
2602a	P(63c)	Woodchuck, <i>Marmota monax</i>	Sciuridae
2602b	\$1.10	North American Porcupine, <i>Erethizon dorsatum</i>	Erethizontidae
2602c	\$1.34	White-tailed Deer, <i>Odocoileus virginianus</i>	Cervidae
2602d	\$1.85	American Black Bear, <i>Ursus americanus</i>	Ursidae
2602	\$4.92	SS of 4 (Sc#2602a–d)	
COLOMBIA		2012 July 24 (Cauca Department Type of 2003)	
13771	1200p	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae
1377	14400p	MS of 12 (Sc#1377a–l) + 8 labels	

COMORO ISLANDS**2009 March 2** (Fauna and Mushrooms)

1071a	125fr	Dromedary, <i>Camelus dromedarius</i>	Camelidae
1071b	150fr	Bactrian Camel, <i>Camelus bactrianus</i>	Camelidae
1071c	225fr	Bactrian Camel, <i>Camelus bactrianus</i>	Camelidae
1071d	300fr	Dromedary, <i>Camelus dromedarius</i>	Camelidae
1071e	400fr	Dromedary, <i>Camelus dromedarius</i>	Camelidae
1071f	1000fr	Bactrian Camel, <i>Camelus bactrianus</i>	Camelidae
1071	2200fr	MS of 6 (Sc#1071a–f)	
1072	SS 3000fr	Bactrian Camel, <i>Camelus bactrianus</i>	Camelidae
1073a	125fr	Western Gorilla, <i>Gorilla gorilla</i>	Hominidae
1073b	150fr	Western Gorilla, <i>Gorilla gorilla</i>	Hominidae
1073c	225fr	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae
1073d	300fr	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae
1073e	400fr	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae
1073f	1000fr	Western Gorilla, <i>Gorilla gorilla</i>	Hominidae
1071	2200fr	MS of 6 (Sc#1073a–f)	
1074	SS 3000fr	Western Gorilla, <i>Gorilla gorilla</i>	Hominidae
1086	3000fr	Black-footed Cat, <i>Felis nigripes</i>	Felidae
1093a	200fr	Striped Dolphin, <i>Stenella coeruleoalba</i>	Delphinidae
1093b	250fr	Pantropical Spotted Dolphin, <i>Stenella attenuata</i>	Delphinidae
1093c	350fr	Indo-Pacific Humpbacked Dolphin, <i>Sousa chinensis</i>	Delphinidae
1093d	450fr	Spinner Dolphin, <i>Stenella longirostris</i>	Delphinidae
1093e	500fr	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae
1093f	1000fr	Southern Right Whale Dolphin, <i>Lissodelphis peronii</i>	Delphinidae
1093	2750fr	MS of 6 (Sc#1093a–f)	
1094	SS 3000fr	Hourglass Dolphin, <i>Lagenorhynchus cruciger</i>	Delphinidae
	Margin	Dusky Dolphin, <i>Lagenorhynchus obscurus</i>	Delphinidae
		Long-beaked Common Dolphin, <i>Delphinus capensis</i>	Delphinidae

FAROE ISLANDS**2013 April 29** (Rodents)

603	11k	Brown Rat, <i>Rattus norvegicus</i>	Muridae
604	12.5k	Western House Mouse, <i>Mus domesticus</i>	Muridae

FRANCE (UNESCO)**2012 November 22** (Official Stamps)

2070	89c	African Elephant, <i>Loxodonta africana</i>	Elephantidae
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GABON**1990 April 13** (Fauna)

686	100fr	Crested Mona Monkey, <i>Cercopithecus pogonias</i>	Cercopithecidae	new
686A	175fr	Red River Hog, <i>Potamochoerus porcus</i>	Suidae	
686B	200fr	Sitatunga, <i>Tragelaphus spekii</i>	Bovidae	
686C	500fr	Mandrill, <i>Mandrillus sphinx</i>	Cercopithecidae	

GAMBIA**2012 May 16** (Wild Cats of Africa)

3423a	40d	Caracal, <i>Caracal caracal</i>	Felidae
3423b	40d	Cheetah, <i>Acinonyx jubatus</i>	Felidae
3423c	40d	Jungle Cat, <i>Felis chaus</i>	Felidae
3423	120d	MS of 3 (Sc#3423a–c)	
3424	SS 100d	Lion, <i>Panthera leo</i>	Felidae
	Margin	Leopard, <i>Panthera pardus</i>	Felidae

GAMBIA**2012 August 2 (Whales)**

3438a	30d	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae
3438b	30d	Bryde's Whale, <i>Balaenoptera edeni</i>	Balaenopteridae
3438c	30d	Southern Right Whale, <i>Eubalaena australis</i>	Balaenidae
3438d	30d	Blue Whale, <i>Balaenoptera musculus</i>	Balaenopteridae
3438e	30d	Killer Whale, <i>Orcinus orca</i>	Delphinidae
3438f	30d	Sperm Whale, <i>Physeter catodon</i>	Physeteridae
3439	100d	Minke Whale, <i>Balaenoptera acutorostrata</i>	Balaenopteridae

GHANA**2012 August 21 (WWF)**

2706a	1.5ce	Common (Bohor) Reedbuck, <i>Redunca redunca</i> (three animals)	Bovidae
2706b	1.5ce	Common (Bohor) Reedbuck, <i>Redunca redunca</i> (two butting)	Bovidae
2706c	1.5ce	Common (Bohor) Reedbuck, <i>Redunca redunca</i> (two running)	Bovidae
2706d	1.5ce	Common (Bohor) Reedbuck, <i>Redunca redunca</i> (one animal)	Bovidae
2706e	6ce	SS of 8 (2×Sc#2706a–d)	
2706	6ce	Block of 4 (Sc#2706a–d)	

2012 September 13 (Primates)

2711a	2ce	Mandrill, <i>Mandrillus sphinx</i>	Cercopithecidae
2711b	2ce	Chimpanzee, <i>Pan troglodytes</i>	Hominidae
2711c	2ce	Western Gorilla, <i>Gorilla gorilla</i>	Hominidae
2711d	2ce	Bornean Orangutan, <i>Pongo pygmaeus</i>	Hominidae
2711e	2ce	Vervet Monkey, <i>Chlorocebus pygerythrus</i>	Cercopithecidae
2711	10ce	MS of 5 (Sc#2711a–e)	

GREAT BRITAIN (Guernsey)**2013 February 20 (Giant Panda)**

1193	SS £3.00	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae
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GREAT BRITAIN (Jersey)**2012 September 15 (Jambo: 1st Male Gorilla born in captivity (1972–92))**

1616	45p	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae
1617	60p	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae
1618	80p	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae
1619	88p	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae
1620	SS £1.00	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae

GUYANA**2012 October 23 (South American Wildlife)**

4137a	\$300	Jaguar, <i>Panthera onca</i>	Felidae
4137c	\$300	Long-tailed Chinchilla, <i>Chinchilla lanigera</i>	Chinchillidae
4137	\$900	MS of 3 (Sc#4137a–c)	
4138a	\$350	Llama, <i>Lama glama</i> (facing right)	Camelidae
4138b	\$350	Llama, <i>Lama glama</i> (facing left)	Camelidae
4138	\$700	SS of 2 (Sc#4138a–b)	

2012 October 23 (Whales)

4139a	\$300	Killer Whale, <i>Orcinus orca</i>	Delphinidae
4139b	\$300	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae
4139c	\$300	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae
4139	\$700	MS of 3 (Sc#4139a–c)	
4140	SS \$700	Beluga Whale, <i>Delphinapterus leucas</i>	Monodontidae

GUYANA (continued)		2012 October 23 (Dolphins)		
4141a	\$300	Spinner Dolphin, <i>Stenella longirostris</i>	Delphinidae	
4141b	\$300	Atlantic Spotted Dolphin, <i>Stenella frontalis</i>	Delphinidae	
4141c	\$300	Amazon River Dolphin, <i>Inia geoffrensis</i>	Iniidae	
4141	\$900	MS of 3 (Sc#4141a–c)		
4142a	\$300	Clymene Dolphin, <i>Stenella clymene</i>	Delphinidae	
4142b	\$300	Dusky Dolphin, <i>Lagenorhynchus obscurus</i>	Delphinidae	
4142c	\$300	White-sided dolphin species, <i>Lagenorhynchus</i> sp.	Delphinidae	
4142	\$900	MS of 3 (Sc#4142a–c)		
4143	SS \$700	Short-beaked Common Dolphin, <i>Delphinus delphis</i>	Delphinidae	
4144	SS \$700	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	
		2012 October 23 (Dogs and Their Evolution)		
4149a	\$225	Grey Wolf, <i>Canis lupus</i>	Canidae	
4149	\$1125	MS of 5 (Sc#4149a–e)		
4150a	\$250	Coyote, <i>Canis latrans</i>	Canidae	
4150c	\$250	Red Fox, <i>Vulpes vulpes</i>	Canidae	
4150	\$1000	MS of 4 (Sc#4150a–d)		
INDIA		2012 October 16 (Fauna)		
2595	5r	Hoolock Gibbon, <i>Bunopithecus hoolock</i>	Hylobatidae	
2597a	40r	SS of 4 (Sc#2794–97)		
INDONESIA		2012 November 5 (Flora and Fauna)		
2328a	2500r	Black-spotted Cuscus, <i>Spiloglossus rufoniger</i>	Phalangeridae	new
2328	5000r	Pair (Sc#2328a–b)		
2329a	5000r	Black-spotted Cuscus, <i>Spiloglossus rufoniger</i>	Phalangeridae	new
2329	10000r	SS of 2 (Sc#2329a–b)		
JORDAN		2011 (Preservation of Polar Regions and Glaciers)		
2115b	1d	Polar Bear, <i>Ursus martimus</i>	Ursidae	
2115	1.8d	SS of 2 (Sc#2115a–b)		
KAZAKHSTAN		2012 June 20 (Hedgehogs)		
669a	190te	Western European Hedgehog, <i>Erinaceus europaeus</i>	Erinaceidae	
669b	190te	Long-eared Hedgehog, <i>Hemiechinus auritus</i>	Erinaceidae	
669	380te	Pair (Sc#669a–b)		
KYRGYZSTAN		2012 September 15 (Snow Leopard)		
414	17s	Snow Leopard, <i>Uncia uncia</i>	Felidae	
415	20s	Snow Leopard, <i>Uncia uncia</i>	Felidae	
416	23s	Snow Leopard, <i>Uncia uncia</i>	Felidae	
417	30s	Snow Leopard, <i>Uncia uncia</i>	Felidae	
LIBERIA		2012 August 9 (Apes)		
2820a	\$90	Barbary Macaque, <i>Macaca sylvanus</i>	Cercopithecidae	
2820b	\$90	Pygmy Chimpanzee, <i>Pan paniscus</i>	Hominidae	
2820c	\$90	Western Gorilla, <i>Gorilla gorilla</i>	Hominidae	
2820d	\$90	Chacma Baboon, <i>Papio ursinus</i>	Cercopithecidae	
2820	\$360	MS of 4 (Sc#2820a–d)		
	Margin	Chimpanzee, <i>Pan troglodytes</i>	Hominidae	

LITHUANIA **2013 January 19** (Flora and Fauna of Zuvintas Biosphere Reserve)

990a	3L	Red Fox, <i>Vulpes vulpes</i>	Canidae
990	9L	SS of 3 (Sc#990a–c)	

MALAWI **2010 July 7** (National Animals)

752a	55k	Nyala, <i>Tragelaphus angasii</i> (Malawi)	Bovidae
752b	55k	Nyala, <i>Tragelaphus angasii</i> (Zimbabwe)	Bovidae
752c	55k	Burchell's Zebra, <i>Equus quagga</i> (Botswana)	Equidae
752d	55k	Gemsbok, <i>Oryx gazella</i> (Namibia)	Bovidae
752e	55k	African Buffalo, <i>Syncerus caffer</i> (Zambia)	Bovidae
752	275k	MS of 5 (Sc#752a–e)	
	Margin	UL: Burchell's Zebra, <i>Equus quagga</i>	Equidae
		ML: Gemsbok, <i>Oryx gazella</i>	Bovidae
		CTR/MR: Nyala, <i>Tragelaphus angasii</i>	Bovidae

2011 November 3 (Big Game Animals)

760	80k	African Buffalo, <i>Syncerus caffer</i>	Bovidae
761	100k	Leopard, <i>Panthera pardus</i>	Felidae
762	135k	Black Rhinoceros, <i>Diceros bicornis</i>	Rhinocerotidae
763	140k	African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae
764	145k	Lion, <i>Panthera leo</i>	Felidae
764a	600k	SS of 5 (Sc#760–64)	

MONTSERRAT **2012 June 26** (Marine Life)

1293b	\$3	Pan-tropical Spotted Dolphin, <i>Stenella attenuata</i>	Delphinidae
1293c	\$3	West Indian Manatee, <i>Trichechus manatus</i>	Trichechidae
1293	\$12	MS of 4 (Sc#1293a–d)	

MOZAMBIQUE **2010 November 30** (New Year 2011: Year of the Rabbit)

2147a	16m	European Rabbit, <i>Oryctolagus cuniculus</i> (seated facing right)	Leporidae
2147b	16m	European Rabbit, <i>Oryctolagus cuniculus</i> (seated facing left)	Leporidae
2147c	16m	European Rabbit, <i>Oryctolagus cuniculus</i> (running left)	Leporidae
2147d	16m	European Rabbit, <i>Oryctolagus cuniculus</i> (hopping right)	Leporidae
2147e	16m	European Rabbit, <i>Oryctolagus cuniculus</i> (standing)	Leporidae
2147f	16m	European Rabbit, <i>Oryctolagus cuniculus</i> (leaping left)	Leporidae
2147g	16m	European Rabbit, <i>Oryctolagus cuniculus</i> (hopping left)	Leporidae
2147h	16m	European Rabbit, <i>Oryctolagus cuniculus</i> (standing facing right)	Leporidae
2147	128m	MS of 8 (Sc#2147a–h)	
2154	SS 175m	European Rabbit, <i>Oryctolagus cuniculus</i> (also in margin)	Leporidae

2010 November 30 (Views of Ocean Park, Hong Kong)

2148a	16m	Red Panda, <i>Ailurus fulgens</i>	Ailuridae
2148b	16m	California Sea Lion, <i>Zalophus californianus</i>	Otaridae
2148c	16m	Short-beaked Common Dolphin, <i>Delphinus delphis</i>	Delphinidae
2148d	16m	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae
2148	128m	MS of 8 (Sc#2148a–h)	

2011 January 30 (Intl. Year of Forests, MS of 6)

2161a	16m	Lar Gibbon, <i>Hylobates lar</i> (sitting on tree branch)	Hylobatidae
2161b	16m	Lar Gibbon, <i>Hylobates lar</i> (hanging from tree branch)	Hylobatidae
2161c	16m	Lar Gibbon, <i>Hylobates lar</i> (walking)	Hylobatidae
2161d	16m	Lar Gibbon, <i>Hylobates lar</i> (with palm tree)	Hylobatidae
2161e	66m	Lar Gibbon, <i>Hylobates lar</i> (seated)	Hylobatidae
2161f	66m	Lar Gibbon, <i>Hylobates lar</i> (seated on stump)	Hylobatidae

MOZAMBIQUE (continued)		2011 January 30 (Intl. Year of Forests, MS of 6)	
2162a	16m	Ring-tailed Lemur, <i>Lemur catta</i> (facing left with tail raised)	Lemuridae
2162b	16m	Ring-tailed Lemur, <i>Lemur catta</i> (Tail at bottom)	Lemuridae
2162c	16m	Ring-tailed Lemur, <i>Lemur catta</i> (facing right with tail raised)	Lemuridae
2162d	16m	Ring-tailed Lemur, <i>Lemur catta</i> (with tail over shoulder)	Lemuridae
2162e	66m	Ring-tailed Lemur, <i>Lemur catta</i> (with tail around head)	Lemuridae
2162f	66m	Ring-tailed Lemur, <i>Lemur catta</i> (with tail hanging)	Lemuridae
2163a	16m	Linnaeus's Two-toed Sloth, <i>Choloepus didactylus</i>	Bradypodidae
2163b	16m	Pygmy Three-toed Sloth, <i>Bradypus pygmaeus</i>	Bradypodidae new
2163c	16m	Hoffman's Two-toed Sloth, <i>Choloepus hoffmani</i>	Bradypodidae new
2163d	16m	Brown-throated Sloth, <i>Bradypus variegatus</i>	Bradypodidae
2163e	66m	Hoffman's Two-toed Sloth, <i>Choloepus hoffmani</i>	Bradypodidae new
2163f	66m	Linnaeus's Two-toed Sloth, <i>Choloepus didactylus</i>	Bradypodidae
2165a	16m	Vampire Bat, <i>Desmodus rotundus</i> (facing right in flight)	Phyllostomidae
2165b	16m	Vampire Bat, <i>Desmodus rotundus</i> (on rock with three legs)	Phyllostomidae
2165c	16m	Vampire Bat, <i>Desmodus rotundus</i> (on rock with four legs)	Phyllostomidae
2165d	16m	Vampire Bat, <i>Desmodus rotundus</i> (facing left in flight)	Phyllostomidae
2165e	66m	Vampire Bat, <i>Desmodus rotundus</i> (in flight)	Phyllostomidae
2165f	66m	Vampire Bat, <i>Desmodus rotundus</i> (on rock)	Phyllostomidae
2166a	16m	Jaguar, <i>Panthera onca</i> (on tree branch)	Felidae
2166b	16m	Jaguar, <i>Panthera onca</i> (on log)	Felidae
2166c	16m	Jaguar, <i>Panthera onca</i> (on grass)	Felidae
2166d	16m	Jaguar, <i>Panthera onca</i> (walking)	Felidae
2166e	66m	Jaguar, <i>Panthera onca</i> (walking facing left)	Felidae
2166f	66m	Jaguar, <i>Panthera onca</i> (walking facing forward)	Felidae
2167a	16m	Amazonian Manatee, <i>Trichechus inunguis</i>	Trichechidae
2167b	16m	African Manatee, <i>Trichechus senegalensis</i>	Trichechidae
2167c	16m	West Indian Manatee, <i>Trichechus manatus</i>	Trichechidae
2167d	16m	Amazonian Manatee, <i>Trichechus inunguis</i>	Trichechidae
2167e	66m	West Indian Manatee, <i>Trichechus manatus</i>	Trichechidae
2167f	66m	African Manatee, <i>Trichechus senegalensis</i>	Trichechidae
2177a	16m	Eastern Gorilla, <i>Gorilla beringei graueri</i> (standing)	Hominidae
2177b	16m	Eastern Gorilla, <i>Gorilla beringei</i> (seated)	Hominidae
2177c	16m	Western Gorilla, <i>Gorilla gorilla diehli</i>	Hominidae
2177d	16m	Eastern Gorilla, <i>Gorilla beringei graueri</i> (walking)	Hominidae
2177e	92m	Western Gorilla, <i>Gorilla gorilla</i>	Hominidae
2177f	92m	Western Gorilla, <i>Gorilla gorilla gorilla</i>	Hominidae
2178a	16m	Brown Spider Monkey, <i>Ateles hybridus</i> (name at right)	Atelidae new
2178b	16m	Chamek Spider Monkey, <i>Ateles chamek</i>	Atelidae new
2178c	16m	White-bellied Spider Monkey, <i>Ateles belzebuth</i>	Atelidae
2178d	16m	Brown Spider Monkey, <i>Ateles hybridus</i> (name at left)	Atelidae new
2178e	92m	Black Spider Monkey, <i>Ateles paniscus</i>	Atelidae
2178f	92m	Brown Spider Monkey, <i>Ateles hybridus</i>	Atelidae new
2179a	16m	Philippine Tarsier, <i>Tarsius syrichta</i> (name UR)	Tarsiidae
2179b	16m	Horsfield's Tarsier, <i>Tarsius bancanus</i>	Tarsiidae
2179c	16m	Philippine Tarsier, <i>Tarsius syrichta</i> (name LR)	Tarsiidae
2179d	16m	Spectral Tarsier, <i>Tarsius tarsier</i>	Tarsiidae
2179e	92m	Dian's Tarsier, <i>Tarsius dentatus</i>	Tarsiidae new
2179f	92m	Philippine Tarsier, <i>Tarsius syrichta</i>	Tarsiidae

MOZAMBIQUE (continued)		2011 January 30 (Intl. Year of Forests)	
2180a	16m	Tiger, <i>Panthera tigris</i> (crouching)	Felidae
2180b	16m	Tiger, <i>Panthera tigris</i> (standing facing left)	Felidae
2180c	16m	Tiger, <i>Panthera tigris</i> (in water)	Felidae
2180d	16m	Tiger, <i>Panthera tigris</i> (laying)	Felidae
2180e	92m	Tiger, <i>Panthera tigris</i> (laying)	Felidae
2180f	92m	Tiger, <i>Panthera tigris</i> (walking)	Felidae
2191	SS 175m	Lar Gibbon, <i>Hylobates lar</i>	Hylobatidae
2192	SS 175m	Ring-tailed Lemur, <i>Lemur catta</i>	Lemuridae
2193	SS 175m	Brown-throated Sloth, <i>Bradypus variegatus</i>	Bradypodidae
	Margin	Hoffman's Two-toed Sloth, <i>Choloepus hoffmani</i>	Bradypodidae
2194	SS 175m	Sumatran Rhinoceros, <i>Dicerorhinus sumatrensis</i>	Rhinocerotidae
2195	SS 175m	Vampire Bat, <i>Desmodus rotundus</i>	Phyllostomidae
2196	SS 175m	Jaguar, <i>Panthera onca</i>	Felidae
2197	SS 175m	Amazonian Manatee, <i>Trichechus inunguis</i>	Trichechidae
	Margin	African Manatee, <i>Trichechus senegalensis</i>	Trichechidae
		West Indian Manatee, <i>Trichechus manatus</i>	Trichechidae
2206	SS 175m	Kinkajou, <i>Potos flavus</i>	Procyonidae
2207	SS 175m	Western Gorilla, <i>Gorilla gorilla</i>	Hominidae
2208	SS 175m	Brown Spider Monkey, <i>Ateles hybridus</i>	Atelidae
2209	SS 175m	Pygmy Tarsier, <i>Tarsius pumilus</i>	Tarsiidae
	Margin	Horsfield's Tarsier, <i>Tarsius bancanus</i>	Tarsiidae
		Philippine Tarsier, <i>Tarsius syrichta</i>	Tarsiidae
2210	SS 175m	Tiger, <i>Panthera tigris</i>	Felidae
NEPAL		2012 July 29 (Biodiversity)	
873g	10r	Hispid Hare, <i>Caprolagus hispidus</i>	Leporidae
873	80r	Block of 8 (Sc#873a-h)	
NEW CALEDONIA		2012 November 9 (Whales in Great Southern Lagoon Zone)	
1146	75fr	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae
NICARAGUA		2011 (Preservation of Polar Regions and Glaciers)	
2519	SS 50.5cor	Polar Bear, <i>Ursus arctos</i>	Ursidae
		Southern Elephant Seal, <i>Mirounga leonina</i>	Phocidae
NIGER		2013 March 1 (WWF, MS of 4)	
1124a	750fr	Giraffe, <i>Giraffa camelopardalis</i> (adult with two young)	Giraffidae
1124b	750fr	Giraffe, <i>Giraffa camelopardalis</i> (one animal prancing)	Giraffidae
1124c	750fr	Giraffe, <i>Giraffa camelopardalis</i> (two adults and one young)	Giraffidae
1124d	750fr	Giraffe, <i>Giraffa camelopardalis</i> (two adults)	Giraffidae
		2013 March 1 (Wildlife, MS of 4)	
1125a	750fr	Hippopotamus, <i>Hippopotmas amphibius</i> (facing right)	Hippopotamidae
1125b	750fr	Hippopotamus, <i>Hippopotmas amphibius</i> (facing left)	Hippopotamidae
1125c	750fr	Hippopotamus, <i>Hippopotmas amphibius</i> (facing front right)	Hippopotamidae
1125d	750fr	Hippopotamus, <i>Hippopotmas amphibius</i> (facing front left)	Hippopotamidae
1126a	750fr	African Buffalo, <i>Syncerus caffer</i> (facing front head lowered)	Bovidae
1126b	750fr	African Buffalo, <i>Syncerus caffer</i> (facing right)	Bovidae
1126c	750fr	African Buffalo, <i>Syncerus caffer</i> (facing left)	Bovidae
1126d	750fr	African Buffalo, <i>Syncerus caffer</i> (facing front head raised)	Bovidae

new
new

NIGER (continued)**2013 March 1** (Wildlife, MS of 4)

1127a	750fr	Ruppel's Fox, <i>Vulpes rueppellii</i> (standing)	Canidae	
1127b	750fr	Fennec Fox, <i>Vulpes zerda</i> (adult and kit)	Canidae	
1127c	750fr	Fennec Fox, <i>Vulpes zerda</i> (two kits)	Canidae	
1127d	750fr	Ruppel's Fox, <i>Vulpes rueppellii</i> (sitting)	Canidae	
1128a	750fr	Spotted Hyena, <i>Crocuta crocuta</i> (with antelope skull)	Hyaenidae	
1128b	750fr	Striped Hyena, <i>Hyaena hyaena</i> (running)	Hyaenidae	
1128c	750fr	Striped Hyena, <i>Hyaena hyaena</i> (standing)	Hyaenidae	
1128d	750fr	Spotted Hyena, <i>Crocuta crocuta</i> (with carcass)	Hyaenidae	
1129a	750fr	Scimitar-horned Oryx, <i>Oryx dammah</i>	Bovidae	
1129b	750fr	Aoudad, <i>Ammotragus lervia</i>	Bovidae	
1129c	750fr	Dama Gazelle, <i>Nanger dama</i>	Bovidae	
1129d	750fr	Bongo, <i>Tragelaphus euryceros</i>	Bovidae	
1130a	750fr	Senegal Galago, <i>Galago senegalensis</i>	Galagidae	
1130b	750fr	Tantalus Monkey, <i>Chlorocebus tantalus</i>	Cercopithecidae	new
1130c	750fr	Patas Monkey, <i>Erythrocebus patas</i>	Cercopithecidae	
1130d	750fr	Olive Baboon, <i>Papio anubis</i>	Cercopithecidae	
1131a	750fr	Straw-colored Fruit Bat, <i>Eidolon helvum</i>	Pteropodidae	
1131b	750fr	Peter's Dwarf Epauletted Fruit Bat, <i>Micropteropus pusillus</i>	Pteropodidae	new
1131c	750fr	Yellow-winged Bat, <i>Lavis frons</i>	Megadermatidae	
1131d	750fr	Egyptian Slit-faced Bat, <i>Nycteris thebaica</i>	Nycteridae	
1132a	750fr	Lion, <i>Panthera leo</i> (male)	Felidae	
1132b	750fr	Leopard, <i>Panthera pardus</i> (one cat)	Felidae	
1132c	750fr	Leopard, <i>Panthera pardus</i> (two cats)	Felidae	
1132d	750fr	Lion, <i>Panthera leo</i> (two females)	Felidae	
1133a	750fr	Wild Cat, <i>Felis silvestris</i>	Felidae	
1133b	750fr	Sand Cat, <i>Felis margarita</i>	Felidae	
1133c	750fr	Serval, <i>Leptailurus serval</i>	Felidae	
1133d	750fr	Sand Cat, <i>Felis margarita</i>	Felidae	
1134a	750fr	African Wild Dog, <i>Lycaon pictus</i> (running to left)	Canidae	
1134b	750fr	African Wild Dog, <i>Lycaon pictus</i> (facing right looking back)	Canidae	
1134c	750fr	African Wild Dog, <i>Lycaon pictus</i> (running to right)	Canidae	
1134d	750fr	African Wild Dog, <i>Lycaon pictus</i> (facing left)	Canidae	
1135a	750fr	African Bush Elephant, <i>Loxodonta africana</i> (facing front)	Elephantidae	
1135b	750fr	African Bush Elephant, <i>Loxodonta africana</i> (walking left)	Elephantidae	
1135c	750fr	African Bush Elephant, <i>Loxodonta africana</i> (with young)	Elephantidae	
1135d	750fr	African Bush Elephant, <i>Loxodonta africana</i> (facing left)	Elephantidae	
1136a	750fr	African Manatee, <i>Trichechus senegalensis</i> (facing right)	Trichechidae	
1136b	750fr	African Manatee, <i>Trichechus senegalensis</i> (facing left)	Trichechidae	
1136c	750fr	African Manatee, <i>Trichechus senegalensis</i> (facing front)	Trichechidae	
1136d	750fr	African Manatee, <i>Trichechus senegalensis</i> (swimming up)	Trichechidae	
1149	SS 2500fr	Giraffe, <i>Giraffa camelopardalis</i>	Giraffidae	
1150	SS 2500fr	Hippopotamus, <i>Hippopotamus amphibius</i>	Hippopotamidae	
1151	SS 2500fr	African Buffalo, <i>Syncerus caffer</i>	Bovidae	
1152	SS 2500fr	Ruppel's Fox, <i>Vulpes rueppellii</i>	Canidae	
1153	SS 2500fr	Spotted Hyena, <i>Crocuta crocuta</i>	Hyaenidae	
1154	SS 2500fr	Aoudad, <i>Ammotragus lervia</i>	Bovidae	
1155	SS 2500fr	Olive Baboon, <i>Papio anubis</i>	Cercopithecidae	
1156	SS 2500fr	Peter's Dwarf Epauletted Fruit Bat, <i>Micropteropus pusillus</i>	Pteropodidae	new
1157	SS 2500fr	Leopard, <i>Panthera pardus</i>	Felidae	
1158	SS 2500fr	Caracal, <i>Caracal caracal</i>	Felidae	
1159	SS 2500fr	African Wild Dog, <i>Lycaon pictus</i>	Felidae	

NIGER (continued)		2013 March 1 (Wildlife)			
1160	SS 2500fr	African Bush Elephant, <i>Loxodonta africana</i>		Elephantidae	
1161	SS 2500fr	African Manatee, <i>Trichechus senegalensis</i>		Trichechidae	
NIGERIA		2010 October 9 (Fauna)			
827	50n	Sclater's Guenon, <i>Cercopithecus sclateri</i>		Cercopithecidae	new
827A	90n	African Bush Elephant, <i>Loxodonta africana</i>		Elephantidae	
ROMANIA		2012 January 17 (Flowers and Fauna)			
5326	1L	Brown Bear, <i>Ursus arctos</i>		Ursidae	
5330	3.3L	Lion, <i>Panthera leo</i>		Felidae	
		2012 October 19 (Mammals)			
5395	3.1L	Spanish Lynx, <i>Capra pyrenaica</i>		Felidae	
5396	3.1L	Red Deer (Elk), <i>Cervus elaphus</i>		Cervidae	
		2012 December 7 (Young Animals, also in sheets of 8 + label)			
5402	4.5L	Brown Bear, <i>Ursus arctos</i>		Ursidae	
5403	5L	Roe Deer, <i>Capreolus capreolus</i>		Cervidae	
5404	9.1L	Red Fox, <i>Vulpes vulpes</i>		Canidae	
5405	14.5L	Grey Wolf, <i>Canis lupus</i>		Canidae	
5405b	33.1L	MS of 4 (Sc#5402-05)			
RUSSIA		2013 January 30 (Rams)			
7422a	15r	Argali, <i>Ovis ammon</i>		Bovidae	
7422b	15r	West Caucasian Tur, <i>Capra caucasica</i>		Bovidae	
7522c	15r	Wild Goat, <i>Capra aegagrus</i>		Bovidae	
7422d	15r	Snow Sheep, <i>Ovis nivicola</i>		Bovidae	new
7422	60r	Block of 4 (Sc#7422a-d)			
ST. PIERRE & MIQUELON		2012 October 27 (Chapeau de Miquelon)			
962a	€2.50	Grey Seal, <i>Halichoerus grypus</i> (on rocks)		Phocidae	
962b	€2.50	Grey Seal, <i>Halichoerus grypus</i> (in water)		Phocidae	
962	€5	Horiz pair (Sc#962a-b) + label			
SIERRA LEONE		2012 November 28 (Primates)			
3158a	5500L	Chimpanzee, <i>Pan troglodytes</i> (looking right)		Hominidae	
3158b	5500L	Chimpanzee, <i>Pan troglodytes</i> (seated)		Hominidae	
3158c	5500L	Western Gorilla, <i>Gorilla gorilla</i>			Hominidae
3158d	5500L	Chimpanzee, <i>Pan troglodytes</i> (looking front)		Hominidae	
3158	22000L	MS of 4 (Sc#3158a-d)			
3159	SS 15000L	Sumatran Orangutan, <i>Pongo abelii</i>		Hominidae	
SLOVAKIA		2012 October 12 (Flowers of the Low Tatras National Park)			
646	140c	SS of 2 (Sc#646a-b) +3 labels			
	Margin	Bot: Lesser Horseshoe Bat, <i>Rhinolophus hipposideros</i>		Rhinolophidae	
		LR: European Snow Vole, <i>Chionomys nivalis</i>		Muridae	new
SPAIN		2012 October 19 (Mammals)			
3878a	85c	Red Deer (Elk), <i>Cervus elaphus</i>		Cervidae	
3878b	85c	Alpine Ibex, <i>Capra ibex</i>		Bovidae	
3878	170c	Horiz pair (Sc#3878a-b)			

TANZANIA		2011 February 22 (Wonders of Tanzania)	
2599	600sh	Zanzibar Red Colobus, <i>Ptilocolobus kirkii</i>	Cercopithecidae
2600	700sh	Pemba Flying Fox, <i>Pteropus voeltzkowi</i>	Pteropodidae new
		2011 March 31 (Whales)	
2604a	1250sh	Killer Whale, <i>Orcinus orca</i>	Delphinidae
2604b	1250sh	Sperm Whale, <i>Physeter catodon</i>	Physeteridae
2604c	1250sh	Beluga Whale, <i>Delphinapterus leucas</i>	Monodontidae
2604d	1250sh	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae
2604e	1250sh	Grey Whale, <i>Eschrichtius robustus</i>	Eschrichtiidae
2604f	1250sh	Southern Right Whale, <i>Eubalaena australis</i>	Balaenidae
2604	7500sh	MS of 6 (Sc#2604a–f)	
2605	SS 3800sh	Blue Whale, <i>Balaenoptera musculus</i>	Balaenopteridae
		2011 November 15 (Animals of Serengeti National Park)	
2634a	800sh	Lion, <i>Panthera leo</i>	Felidae
2634b	800sh	African Hunting Dog, <i>Lycaon pictus</i> (one dog)	Canidae
2634c	800sh	African Hunting Dog, <i>Lycaon pictus</i> (two dogs)	Canidae
2634d	800sh	Cheetah, <i>Acinonyx jubatus</i>	Felidae
2634	Margin	LL: Giraffe, <i>Giraffa camelopardalis</i>	Giraffidae
		Bot: Burchell's Zebra, <i>Equus quagga</i>	Equidae
2635	SS 1000sh	Burchell's Zebra, <i>Equus quagga</i>	Equidae
		Blue Wildebeest, <i>Connochaetes taurinus</i>	Bovidae
UNITED NATIONS		2012 September 5 (UNESCO World Heritage Sites in Africa)	
1051	45c	Giraffe, <i>Giraffa camelopardalis</i>	Giraffidae
		African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae
UNITED NATIONS (Geneva)		2012 September 5 (UNESCO World Heritage Sites in Africa)	
556	85c	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae
UNITED NATIONS (Vienna)		2012 September 5 (UNESCO World Heritage Sites in Africa)	
518	62c	White Rhinoceros, <i>Ceratotherium simum</i>	Rhinocerotidae
URUGUAY		2012 August 31 (Fauna)	
2383c	12p	Franciscana, <i>Pontoporia blainvillei</i>	Iniidae
2383	48p	Block of 4 (Sc#2383a–d)	
UZBEKISTAN		2012 August 27 (Endangered Animals)	
703	400s	Honey Badger, <i>Mellivora capensis</i>	Mustelidae
705	1000s	Brandt's Hedgehog, <i>Hemiechinus hypomelas</i>	Erinaceidae
706	1200s	European Otter, <i>Lutra lutra</i>	Mustelidae
707	1000s	Eurasian Lynx, <i>Lynx lynx</i>	Felidae
VANUATU		2012 March 26 (Diplomatic Relations with China P.R. 30th anniv)	
1024	90v	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae

NOTES: The identification for Burchell's Zebra on several items requires explanation. Previously this species has been listed as *Equus burchelli*. Recent genetic sampling of zebra races, including that of a preserved example of the extinct quagga, has ascertained that there is very little difference between all races tested. Zoologists therefore now regard all races as being of the same species and because *Equus quagga* received its name prior to *Equus burchelli*, this name has precedence. I have retained the common name of Burchell's Zebra at present, but it may be that this may change by consensus in time, possibly to Common, or Plains Zebra.

RHINOCEROSES

Mary Lou Vignola

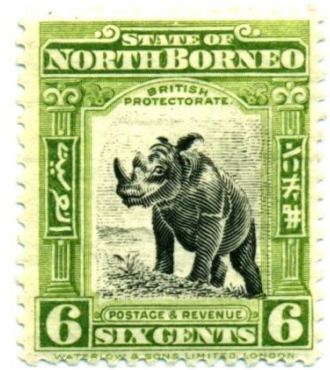
[Ed. Note: This article is from a prospective new Unit member, whom I met at PIPEX in Portland this year. I wish all of our members would consider submitting similar items to help promote the Unit goal of the “cooperative study of biological philately.”]

As a new member of a life-long stamp collecting family, I was asked “What do you collect?” not “Do you collect?”, so I felt it necessary to make my choice. My response was based on the premise that whatever I chose should have little chance of successful searching, since one serious collector in the family seemed quite enough. The other reason for my topical selection was the efforts we were making to save the endangered rhinos. Thus, I became a topical collector and set out on a search whenever we attended a stamp show.

With my husband’s guidance, and sharp eye, we have found many wonderful stamps, covers, and lots of other interesting philatelic material featuring the eons-old Rhinoceros. I am continually amazed at the number of items we are able to find, in addition to the history and geography that intertwine with their discovery.

There are five species of Rhinoceroses, inhabiting Africa and Asia. African Rhinos include both the Black and White Rhinoceroses. Asian Rhinos included the Javan, Sumatran, and the Indian (Greater One-Horned) Rhino.

Rhinos are known to sleep both standing and lying on the ground, and are fond of standing in muddy pools and sandy riverbeds. Egrets and other birds can be found perched on Rhinos, feeding on external parasites. Rhinos roamed through Europe in pre-historic times and were depicted by early Europeans in cave paintings.



First Rhino Stamp, 1909



Rhino Conservation and Protection

Today very few Rhinos survive outside national parks and reserves. Rhinos are threatened by poaching due to the demand for their horns, and habitat loss as a result of human populations encroaching on the land and destroying forests. The World Wildlife Fund (WWF) works to strengthen protected areas in Africa and Asia and to stop illegal trade of Rhino horns.

Now comes the task of organizing and researching my collection before undertaking the somewhat daunting step of exhibiting it. The American Topical Association tables at both WESTPEX and PIPEX have been very helpful and encouraging with each step along the way, and when I do reach the exhibit stage it will be that encouragement, and the encouragement of other collectors that prompted the journey along. Wish me luck on what lies ahead!

[Ed. Note: In a 28 May 2013 article, Erika Bolstad for McClatchy News Service reported that some American organizations are assisting South African park rangers by providing aerial drones and predictive technology to help prevent poaching and capture the criminals involved in these activities. I hope these operations are successful because the world is losing hundreds of rhinos every year. The ignorant Asian cultures are paying tens of thousands of dollars per pound for rhino horns. Rhino poachers, like drug dealers, are in this business for greed—not because of some destitute sob story. In some countries, the punishment for being caught with rhino horns is merely a fine. Personally, I think when poachers are caught, we should cut off one of **their** appendages (and I think you know the one I mean) and see how well they get along after that.]



ORNITHOLOGY

Editor

Glenn G. Mertz, BU1455



Updates/Corrections

MOZAMBIQUE – Vol. 62(1), pp.26–30

Update: Scott Publishing has assigned another slew of numbers to issues of Mozambique.

2011 August 30

- p.26 Sheet w/osprey (Sc#2365a–f), SS (Sc#2395)
- p.26 Sheet w/kingfishers (Sc#2363a–f), SS (Sc#2393)
- p.27 Sheet w/albatrosses (Sc#2358a–f), SS (Sc#2388)
- p.27 Sheet w/ostrich (Sc#2362a–f), SS (Sc#2392)
- p.27 Sheet w/pelican (Sc#2361a–f), SS (Sc#2391)
- p.27 Sheet w/flamingo (Sc#2360a–f), SS (Sc#2390)
- p.27 Sheet w/bee-eaters (Sc#2357a–f), SS (Sc#2387)
- p.28 Sheet w/birds of prey (Sc#2364a–f), SS (Sc#2394)
- p.28 Sheet w/owls (Sc#2366a–f), SS (Sc#2396)
- p.28 Sheet w/storks (Sc#2359a–f), SS (Sc#2389)

2012 April 30

- p.28 Sheet w/Extinct birds (Sc#2632a–h), SS (Sc#2640)
- p.29 Sheet w/Endangered seabirds (Sc#2605a–f), SS (Sc#2619)
- p.29 Sheet w/Extinct Birds of Africa (Sc#2588a–d), SS (Sc#2596)
- p.29 Sheet w/Endangered Birds of Prey (Sc#2604a–f), SS (Sc#2618)
- p.29 Sheet w/Extinct Parrots (Sc#2589a–d), SS (Sc#2597)
- p.29 Sheet w/Extinct Birds (Sc#2587a–d), SS (Sc#2595)
- P.30 Sheet w/Extinct Birds (Sc#2606a–f), SS (Sc#2620)

PALAU – Vol. 51(3), p.148

Update: I should have indicated one of the bird stamps 2002 February 20 as a **new** bird, but missed it. Chuck Braun will report the particulars on this bird in the *New Birds in the Philatelic Aviary* column in this issue.

664 \$2 Great Thick-knee, *Esacus recurvirostris* Burhinidae **new**

ST. THOMAS & PRINCE ISLANDS – Vol. 60(3), pp.92–94

Update: Scott Publishing is continuing to update the backlog of issues from St. Thomas and Prince Islands, so here are the numbers assigned for a number of them that I reported in Volume 60, Number 3.

- p.92 Sheet w/four Kakapo (Sc#1970a–d)
- p.92 Sheet of Native American Indians (Sc#2099b, c, & d)
- p.92 Sheet of Lighthouses & Birds (Sc#2169a–e), SS (Sc#2180)
- p.92 Sheet of Raptors (Sc#2186a–e) (Correct date of issue is 2009 October 29)
- p.93 Sheet of six stamps (Sc#1862a–f), SS (Sc#1869)
- p.93 Sheet for Noted Naturalists (Sc#1864b & f)
- p.93 Sheet of Banknotes (Sc#1871b)
- p.93 Sheet of 2009 January 31 WWF issue (Sc#1933–36); (Sc#1936a for sheet w/2 sets)
- p.93 Sheet of four stamp of Parrots of New Zealand (Sc#1971a–d)

ST. THOMAS & PRINCE ISLANDS (continued)

- p.94 Sheet of two for Baden-Powell (Sc#1843b & c)
 p.94 Sheet of Waterfalls & Animals (Sc#1850b)
 p.94 Sheet of Vivian Fuchs (Sc#1790b & c)
 p.94 Sheet of Naturalists (Sc#1797a), SS (Sc#1825)

In addition, in Volume 60, Number 3, on page 94, I listed two other listings for both birds with the World Wildlife Fund logo and panda emblem, and below it a sheet of owls. These both carry the date of 2005. I had inquired with Martin J. Frankevicz, New Issues Editor at Scott Publishing Company, as to the status of these two as conveyed by the postal authorities at St. Thomas and Prince. Their reply was that any stamps dated “2005” are illegal stamps and therefore will not receive numbers from the Scott. I am not sure what Stanley Gibbons or Michel will do with these two issues.

Also, in Volume 60, Number 3, page 93, I wrote about a set of stamps issued in 1983 overprinted with new surcharge designations in 2008. Scott has now assigned new numbers to some of these issues that they were able to review physically. These stamps have surcharges in black, silver, red, or gold. Scott has not yet seen 21 of the many different stamps that received surcharges. In my write-up, six of the stamps issued of the Sc#727–48 series are among the 21 stamps not yet seen. The stamps numbered 727, 733, 735, 742, 747, and 748 are ones still to be assigned new numbers based on the surcharges designations that I listed. The new Scott numbers are as follows:

- 1988 (8000d) (Sc#735 surch/ovpt “2008/LOCAL até 20 g”)
 1994 (8000d) (Sc#742 surch/ovpt “2008/LOCAL até 20 g”)
 2015 (14000d) (Sc#735 surch/ovpt “2008/ZONA 1 até 20 g”)
 2042 (14000d) (Sc#735 surch/ovpt “2008/ZONA 2 até 20 g”)
 2069 (14000d) (Sc#735 surch/ovpt “2008/ZONA 3 até 20 g”)
 2092 (40950d) (Sc#735 surch/ovpt “I CLASSE/2008”)
 2092 (45000d) (Sc#742 surch/ovpt “2008/MUNDO/PER CORREIRO AEREO”)

New Issues

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
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ALBANIA **2012 March 22** **C***

A single stamp marking the 20th Anniversary of Victory of Democracy. No designer or printing information.

2922	100l	White Tern, <i>Gygis alba</i>	Laridae	
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BELGIUM **2012 April 16** **A***

A booklet of ten self-adhesive, non-denominated “1” domestic rate stamps (Sc#2563–72) titled “Pets,” but only two feature birds. Designers: Myrian Voz and Thierry Martin. Photographer: Kris Coppieters. Gravure by State Printer.

2563	(65c)	Island Canary, <i>Serinus canaria</i>	Fringillidae	
2567	(65c)	Budgerigar, <i>Melopsittacus undulatus</i>	Psittacidae	
2572a		Bklt pane of 10 (Sc#2563–72)		

CANADA **2013 April 22** **A***

At time of writing up this new issue, I had no “New Issues Update” article from *Linn’s Stamp News*. The issue is titled “Pet Adoption.” Designer: Subplot Design, Inc. The five stamps (Sc#2636a–c) in s/a format contain only one stamp with a bird. A booklet exists (Sc#2641a) that contains ten stamps (2×Sc#2637–41). Each stamp has the letter “P” and on the day of sale, each sold for 63c.

2636b	(63c)	Lilac-crowned Parrot, <i>Amazona finschi</i>	Psittacidae	new
2638	(63c)	Same bird, s/a bklt format		

FALKLAND ISLANDS**2012 June 14****B***

A set of six stamps (Sc#1052–57) for the 30th Anniversary of the Liberation of the Falkland Islands, but only one stamp features birds. Designer: Bee Design. Photographers: Ian Strange and Kim Chater. Offset by BDT International.

1057 £1.20 Gentoo Penguins, *Pygoscelis papua* Spheniscidae

2013 March 28**A***

A set of four stamps (Sc#1086–89) titled “Penguins, Predators and Prey, Part 2,” with three stamps featuring birds. Designer: Tony Chater. Offset by BDT International.

1086 30p Striated Caracara, *Phalacrocorax australis* (Cap: Johnny Rook) Falconidae
 1087 75p Rockhopper Penguin, *Eudyptes chrysocome* Spheniscidae
 1088 £1 Same species as in Sc#1087

LITHUANIA**2013 January 19****A***

A sheet of three stamps (Sc#990a–c) for the flora and fauna of the Zuvintas Biosphere Reserve, with one stamp featuring a bird. Designer: Gretz Gruzdaityte. Offset, no printer information.

990b 3L Bearded Reedling, *Panurus biarmicus* Panuridae

MOZAMBIQUE**2012 April 30****A***

In Volume 62, Number 1, I listed seven sets for 2012 April 30, with no Scott numbers. On the Update & Corrections in this Volume, I listed the Scott numbers just assigned in the May 2013 *Linn's Stamp News* and listed below are two more issues now listed under this date.

A sheet of six stamps of extinct birds two and four layout.

2607a	16m	Reunion Starling, <i>Fregilupus varius</i> (Sc#2633e, diff)	Sturnidae	Vol. 62(1)
2607b	16m	Guadeloupe Amazon, <i>Amazona violacea</i>	Psittacidae	Vol. 62(1)
2607c	16m	Kāma'ō, <i>Myadestes myadestinus</i>	Turdidae	new
2607d	66m	Pallas's Cormorant, <i>Phalacrocorax perspicillatus</i>	Phalacrocoracidae	
2607e	66m	Rodrigues Solitaire, <i>Pezophaps solitaria</i>	Columbidae	
2607f	66m	North Island Takahē, <i>Porphyrio mantelli</i>	Rallidae	Vol. 62(1)
2621	SS 175m	Jamaican Green-and-yellow Macaw, <i>Ara erythrocephala</i>	Psittacidae	
	Margin	LL: Lesser 'Akialoa, <i>Hemignathus obscurus</i>	Fringillidae	new
		LR: Greater 'Akialoa, <i>Hemignathus ellisianus</i>	Fringillidae	new
		UR: Norfolk Island Kaka, <i>Nestor productus</i>	Strigidae	new

A sheet of eight stamps, two se-tenant sets on the sheet of four each, of more extinct birds.

2633a	16m	Lesser Koa-Finch, <i>Rhodacanthis flaviceps</i>	Fringillidae	Vol. 62(1)
2633b	16m	Kosrae Starling, <i>Aplonis corvine</i>	Sturnidae	Vol. 62(1)
2633c	16m	Bonin Grosbeak, <i>Chaunoproctus ferreorostris</i>	Fringillidae	new
2633d	16m	Kioea, <i>Chaetoptila angustipluma</i>	Meliphagidae	Vol. 62(1)
2633e	16m	Reunion Starling, <i>Fregilupus varius</i> (Sc#2607a, diff)	Sturnidae	Vol. 62(1)
2633f	16m	Kona Grosbeak, <i>Chloridops kona</i>	Fringillidae	Vol. 62(1)
2633g	92m	'Ula-'ai-Hawane, <i>Ciridops anna</i>	Fringillidae	Vol. 62(1)
2633h	92m	Kittlitz's Thrush, <i>Zosterops terrestris</i>	Turdidae	Vol. 62(1)
2641	SS 175m	Robust White-Eye, <i>Zosterops strenuous</i>	Zosteropidae	Vol. 62(1)
	Margin	UR: Bishop's 'Ō'ō, <i>Moho bishopi</i>	Meliphagidae	new
		LL: Piopio, <i>Turnagra capensis</i>	Oriolidae	new
		LR: Lord Howe Swamphen, <i>Porphyrio albus</i>	Rallidae	new

MOZAMBIQUE (continued) 2012 September 30 (Sinking of the Titanic) A*

Another set of 30 sheets of six stamps and 30 SS, but only two sheets feature birds. First is a sheet of six stamps (Sc#2649a–f) for the sinking of the Titanic 100th Anniversary, but only one stamp features a bird.

2649b	16m	Arctic Tern, <i>Sterna paradisaea</i>	Laridae
2679	SS 175m	Same bird	

2012 September 30 (Dean Arthur Amadon) A*

Second is a sheet for Dean Arthur Amadon (1912–2003), the Ornithologist. This sheet has his portrait on three of the six stamps, which all feature birds.

2662a	16m	Steller's Sea-Eagle, <i>Haliaeetus pelagicus</i>	Accipitridae
2662b	16m	Northern Harrier, <i>Circus cyaneus</i>	Accipitridae
2662c	16m	Rupornis Hawk, <i>Buteo magnirostris</i>	Accipitridae
2662d	66m	Cooper's Hawk, <i>Accipiter cooperii</i>	Accipitridae
2662e	66m	White-tailed Eagle, <i>Haliaeetus albicilla</i>	Accipitridae
2662f	66m	Northern Goshawk, <i>Accipiter gentilis</i>	Accipitridae
2692	SS 175m	Sharp-shinned Hawk, <i>Accipiter striatus</i>	Accipitridae
	Margin	Steller's Sea-Eagle, <i>Haliaeetus pelagicus</i>	Accipitridae
		Sharp-shinned Hawk, <i>Accipiter gentilis</i>	Accipitridae
		Black Kite, <i>Milvus migrans</i>	Accipitridae

2012 October 30 (League for the Protection of Birds) A*

On this date, Mozambique issued a set of 30 sheets of six stamps each and 30 SS (again overkill by a country that will probably not use or see most of these stamps), but only four of the sheets of six stamps and three SS feature birds. First is a sheet of six stamps for the 100th Anniversary of the League for the Protection of Birds.

2723a	16m	Red Kite, <i>Milvus milvus</i>	Accipitridae
2723b	16m	Bonelli's Eagle, <i>Aquila fasciata</i>	Accipitridae
2723c	16m	Lesser Kestrel, <i>Falco naumanni</i>	Falconidae
2723d	66m	Osprey, <i>Pandion haliaetus</i>	Pandionidae
2723e	66m	Little Bustard, <i>Tetrax tetrax</i>	Otididae
2723f	66m	Black Vulture, <i>Coragyps atratus</i>	Cathartidae
	Margin	Osprey, <i>Pandion haliaetus</i>	Pandionidae
		Lammergeier, <i>Gypaetus barbatus</i>	Accipitridae
2753	SS 175m	White Stork, <i>Ciconia ciconia</i>	Ciconiidae
	Margin	Little Owl, <i>Athene noctua</i>	Strigidae

2012 October 30 (Riga Zoo) A*

A sheet of six stamps (Sc#2724a–f) for Riga Zoo Animals, but only one stamp features a bird. No SS with this issue.

2724b	16m	Snowy Owl, <i>Bubo scandiacus</i>	Strigidae
	Margin	Secretary-Bird, <i>Sagittarius serpentarius</i>	Sagittariidae

2012 October 30 (Tadas Ivanauskas [1882–1970]) A*

A sheet of six stamps for the zoologist, each with a portrait of the zoologist and a bird.

2728a	16m	Eurasian Eagle-Owl, <i>Bubo bubo</i>	Strigidae
2728b	16m	Mute Swan, <i>Cygnus olor</i>	Anatidae
2728c	16m	Northern Goshawk, <i>Accipiter gentilis</i>	Accipitridae
2728d	66m	Lesser Spotted Eagle, <i>Clanga pomarina</i> (Cap: <i>Aquila</i>)	Accipitridae
2728e	66m	Eurasian Hoopoe, <i>Upupa epops</i>	Upupidae
2728f	66m	Tawny Owl, <i>Strix aluco</i>	Strigidae
	Margin	Great Grey Owl, <i>Strix nebulosa</i>	Strigidae

MOZAMBIQUE (continued)

2758	SS 175M	Black Stork, <i>Ciconia nigra</i>	Ciconiidae
	Margin	Black Stork, <i>Ciconia nigra</i>	Ciconiidae
		Common Swift, <i>Apus apus</i>	Apodidae
		Eurasian Oystercatcher, <i>Haematopus ostralegus</i>	Haematopodidae
		Eurasian Hoopoe, <i>Upupa epops</i>	Upupidae
		Osprey, <i>Pandion haliaetus</i>	Pandionidae

2012 October 30 (Charleston SC Lighthouse & Birds)**A***

2732a	16m	Wood Duck, <i>Aix sponsa</i>	Anatidae
2732b	16m	Wandering Tattler, <i>Tringa incana</i>	Scolopacidae
2732c	16m	California Gull, <i>Larus californicus</i>	Laridae
2732d	66m	White Ibis, <i>Eudocimus albus</i>	Threskiornithidae
2732e	66m	Laughing Gull, <i>Leucophaeus atricilla</i> (Cap: <i>Larus</i>)	Laridae
2732f	66m	American Avocet, <i>Recurvirostra americana</i>	Recurvirostridae
2762	SS 175m	California Gull, <i>Larus californicus</i>	Laridae
	Margin	Laughing Gull, <i>Leucophaeus atricilla</i> (Cap: <i>Larus</i>)	Laridae

NAMIBIA**2013 March 1****A***

Five stamps, all featuring a bird. The stamps all carry the name of Helge Denker, the designer. Offset.

1254	90c	Benguela Lark, <i>Certhilauda benguelensis</i> (Cap: Benguela Long-tailed Lark)	Alaudidae	new
1255	\$1	Barlow's Lark, <i>Certhilauda barlowi</i>	Alaudidae	new
1256	\$3	Rosy-faced Love Bird, <i>Agapornis roseicollis</i>	Psittacidae	
1257	\$10	Gray's Lark, <i>Ammomanopsis grayi</i>	Alaudidae	
1258	\$12	Monteiro's Hornbill, <i>Tockus monteiroi</i>	Bucerotidae	

NEPAL**2012 July 29****A***

A sheet of eight se-tenant stamps (Sc#873a-h) for Biodiversity, but only two stamps feature birds. The sheet has two sets of the eight stamps. No designer information. Offset, no printer information.

873e	10r	Rufous-vented Prinia, <i>Prinia burnesii</i> (Cap: Nepal Rufous-vented Prinia, <i>Prinia burnesii nepalicola</i>)	Cisticolidae	Vol. 61(3)
837f	10r	White-rumped Vulture, <i>Gyps bengalensis</i>	Accipitridae	

NETHERLANDS**2011 March 28****B***

Pane of ten se-tenant non-denominated "1" stamps (Sc#1386a-j) for different aspects of Utrecht University, but only one stamp features a bird. Designer: Nicole Martens. Offset by Enschede.

1386b	(46c)	Eurasian Eagle-Owl, <i>Bubo bubo</i>	Strigidae
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NEW CALEDONIA**2012 June 5****A***

New issuance of the Kagu bird in orange. Designer: Laurence Ramon. Engraver: Pierre Albuissou. Intaglio by Philaposte.

1131	30fr	Kagu, <i>Rhynchotos jubatus</i>	Rhynchotidae
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2012 September 12**A***

A SS with three stamps (Sc#1143a-c) for Michel Corbasson Zoological & Forest Park, with one stamp featuring a bird. Designer: Jean-Richard Lisiak. Gravure by Philaposte.

1143b	110fr	New Caledonian Crow, <i>Corvus moneduloides</i>	Corvidae
	Margin	Top: Black-naped Tern, <i>Sterna sumatrana</i>	Laridae
		Mid: Sacred Kingfisher, <i>Todiramphus sanctus</i>	Alcedinidae
		Bot: Greater Flamingo, <i>Phoenicopterus roseus</i>	Phoenicopteridae

NICARAGUA**2011****A***

A SS for the Protection of the Polar Areas and Glaciers. No designer information. Offset, no printer information.

2519 SS 50.5cor Emperor Penguin, *Aptenodytes forsteri* Spheniscidae

NIGER**2013 March 1****A***

No listing in the "New Issues Update" section of *Linn's Stamp News* for the following six sheets of four stamps each and six SS, all of birds. Because I do not have these issues, only photo downloads, I have attempted to identify many of the bird species in the margins of all 12 sheets, with the assistance of Roger Chapman. You can also review these sheets in the September 2013 edition of *FLIGHT: Newsletter of The Bird Stamp Society*, in the section "Birds in the Border." None of the sheets list any designer, printer, or printing method and neither did Scott Publishing in their listings. A total of 25 sheets of four and 25 SS were listed for this issue date.

2013 March 1 (Owls)**A***

1137a	750fr	Pel's Fishing Owl, <i>Scotopelia peli</i>	Strigidae
1137b	750fr	Pearl-spotted Owlet, <i>Glaucidium perlatum</i>	Strigidae
1137c	750fr	African Scops-Owl, <i>Otus senegalensis</i>	Strigidae
1137d	750fr	Northern White-faced Owl, <i>Ptilopsis leucotis</i>	Strigidae
	Margin	Short-eared Owl, <i>Asio flammeus</i>	Strigidae
1162	SS 2500fr	Pharaoh Eagle-Owl, <i>Bubo ascalaphus</i>	Strigidae
	Margin	Top: Barn Owl, <i>Tyto alba</i>	Tytonidae
		Bot: Short-eared Owl, <i>Asio flammeus</i>	Strigidae

2013 March 1 (Doves & Pigeons)**A***

1138a	750fr	Bruce's Green-Pigeon, <i>Treron waalia</i> (Cap: <i>Columba</i>)	Columbidae
1138b	750fr	Namaqua Dove, <i>Oena capensis</i>	Columbidae
1138c	750fr	Speckled Pigeon, <i>Columba guinea</i>	Columbidae
1138d	750fr	Rameron Pigeon, <i>Columba arquatrix</i> (Cap: <i>Columba</i>)	Columbidae
1163	SS 2500fr	Bruce's Green-Pigeon, <i>Treron waalia</i>	Columbidae
	Margin	LL: Rock Pigeon, <i>Columba livia</i>	Columbidae
		LR: Laughing Dove, <i>Streptopelia senegalensis</i>	Columbidae
		African Collared-Dove, <i>Streptopelia rosea</i>	Columbidae

(The sheet does not have a name printed on it for the bird in the lower center portion of the sheet and Roger Chapman is going with this name because it shows a black partial collar, which is the best fit for this name. The other bird images at the center and top right also appear to be *Streptopelia* species.)

2013 March 1 (Parrots)**A***

1139a	750fr	Brown-necked Parrot, <i>Poicephalus robustus</i>	Psittacidae
1139b	750fr	Rose-ringed Parakeet, <i>Psittacula krameri</i>	Psittacidae
1139c	750fr	Rose-ringed Parakeet, <i>Psittacula krameri</i>	Psittacidae
1139d	750fr	Rose-ringed Parakeet, <i>Psittacula krameri</i>	Psittacidae
		Gray Parrot, <i>Psittacus erithacus</i>	Psittacidae
1164	SS 2500fr	Gray Parrot, <i>Psittacus erithacus</i>	Psittacidae
	Margin	LL: Senegal Parrot, <i>Poicephalus senegalus</i>	Psittacidae
		LR: Gray Parrot, <i>Psittacus erithacus</i>	Psittacidae
		UR: Rose-ringed Parakeet, <i>Psittacula krameri</i>	Psittacidae

2013 March 1 (Passerine Birds)**A***

1140a	750fr	Scarlet-chested Sunbird, <i>Chalcomitra senegalensis</i>	Nectariniidae
1140b	750fr	Pygmy Sunbird, <i>Hedydipna platura</i>	Nectariniidae
1140c	750fr	Beautiful Sunbird, <i>Cinnyris pulchellus</i>	Nectariniidae
1140d	750fr	Copper Sunbird, <i>Cinnyris cupreus</i>	Nectariniidae
	Margin	Bot: Splendid Sunbird, <i>Cinnyris coccinigaster</i>	Nectariniidae
		LR: Pygmy Sunbird, <i>Hedydipna platura</i>	Nectariniidae

NIGER (continued)

1165	SS 2500fr	Splendid Sunbird, <i>Cinnyris coccinigaster</i>	Nectariniidae
	Margin	UR: Pygmy Sunbird, <i>Hedydipna platura</i>	Nectariniidae
		LR/UL: Beautiful Sunbird, <i>Cinnyris pulchellus</i>	Nectariniidae
		LL: Scarlet-chested Sunbird, <i>Chalcomitra senegalensis</i>	Nectariniidae

2013 March 1 (Water Birds)**A**

1141a	750fr	Gray Heron, <i>Ardea cinerea</i>	Ardeidae
1141b	750fr	Cinnamon Bittern, <i>Ixobrychus cinnamomeus</i>	Ardeidae
		(Incorrect Cap: <i>Ardeola rufiventris</i>)	
1141c	750fr	Gray Heron, <i>Ardea cinerea</i>	Ardeidae
1141d	750fr	Goliath Heron, <i>Ardea goliath</i>	Ardeidae
	Margin	LL: Striated Heron, <i>Butorides striatus</i>	Ardeidae
		LR: Green Heron, <i>Butorides virescens</i>	Ardeidae

(Although the name next to the bird is inscribed *Butorides virescens*, Roger Chapman has a little problem with the inscription. Although it is a reasonable match for the New World species, it is not a good match for the West African species. He feels the confusion may have arisen because the New World subspecies of *B. striatus* were transferred to *B. virescens* some years ago.)

1166	SS 2500fr	Gray Heron, <i>Ardea cinerea</i>	Ardeidae
	Margin	UR: Rufous-bellied Heron, <i>Ardeola rufiventris</i>	Ardeidae
		LR: Gray Heron, <i>Ardea cinerea</i>	Ardeidae
		Bot: Glossy Ibis, <i>Plegadis falcinellus</i>	Threskiornithidae
		LL: Black-crowned Night-Heron, <i>Nycticorax nycticorax</i>	Ardeidae
		ML: Western Reef-Heron, <i>Egretta gularis</i>	Ardeidae
		UL: Cattle Egret, <i>Bubulcus ibis</i>	Ardeidae

2013 March 1 (Birds of Prey)**A***

1142a	750fr	Brown Snake-Eagle, <i>Circaetus cinereus</i>	Accipitridae
1142b	750fr	Booted Eagle, <i>Hieraaetus pennatus</i>	Accipitridae
1142c	750fr	Tawny Eagle, <i>Aquila rapax</i>	Accipitridae
1142d	750fr	Lesser Spotted Eagle, <i>Clanga pomarina</i>	Accipitridae
	Margin	Bateleur, <i>Terathopius ecaudatus</i>	Accipitridae
		Ayres's Hawk-Eagle, <i>Aquila ayresii</i>	Accipitridae
1167	SS 2500fr	U/I sp. (Cap: Lesser Kestrel, <i>Falco naumanni</i> , but it is not)	
	Margin	LL: African Fish-Eagle, <i>Haliaeetus vocifer</i>	Accipitridae
		LR: Wahlberg's Eagle, <i>Hieraaetus wahlbergi</i>	Accipitridae

new**PAKISTAN****2012 September 27****A***

Four se-tenant wildlife/migratory bird stamps. Designer: Adil Salahuddin. Offset by Pakistan Security Printing.

1173a	8r	White Stork, <i>Ciconia ciconia</i>	Ciconiidae
1173b	8r	Northern Shoveler, <i>Anas clypeata</i>	Anatidae
1173c	8r	Snow Goose, <i>Chen caerulescens</i>	Anatidae
1173d	8r	Siberian Crane, <i>Grus leucogeranus</i>	Gruidae

QATAR**2012 October 9****B***

A single stamp in a joint issue with Morocco showing flags of Qatar and Morocco. No designer information. Offset by Secura Singapore.

1085	2.50r	Peregrine Falcon, <i>Falco peregrinus</i>	Falconidae
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RUSSIA **2012 February 27** **C***

A single SS for Natural Heritage/Wrangell Island. Designer: K. Betredinova. Offset, no printer information.

7334	45r	Harlequin Duck, <i>Histrionicus histrionicus</i>	Anatidae
	Margin	Glaucous Gull, <i>Larus hyperboreus</i>	Laridae

2013 February 27 **B***

A SS for UVS Nuur Basin, a UNESCO World Heritage Biosphere Reserve site. Designer: O. Ivanova. Offset, no printer information.

7434	45r	Saker Falcon, <i>Falco cherrug</i>	Falconidae
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ST. KITTS **2012 October 1** **A***

A pane of four stamps and a SS titled "Caribbean Parrots." No designer information. Offset, no printer information.

837a	\$2.75	Red-and-green Macaw, <i>Ara chloropterus</i> (Cap: Green-winged)	Psittacidae
837b	\$2.75	St. Vincent Parrot, <i>Amazona guildingii</i>	Psittacidae
837c	\$2.75	Yellow-headed Parrot, <i>Amazona oratrix</i>	Psittacidae
837d	\$2.75	Orange-winged Parrot, <i>Amazona amazonica</i>	Psittacidae
838	SS \$6	Blue-and-yellow Macaw, <i>Ara ararauna</i>	Psittacidae

ST. MARTIN **2011 April 6** **C***

A block of six se-tenant stamps (Sc#2a–f) for the 25th Paper Money Fair held in Maastricht, Netherlands. Three of them have a bird as part of the design. No designer information. Litho, no printer information.

2c	145c	Common Ostrich, <i>Struthio camelus</i>	Struthionidae
2d	195c	Eurasian Hoopoe, <i>Upupa epops</i>	Upupidae
2e	240c	Ceylon Gray Hornbill, <i>Ocyrceros gingalensis</i>	Bucerotidae

ST. PIERRE & MIQUELON **2013 January 12** **A***

A single stamp with a bird. Designer: P. Hacala. Offset by Philaposte.

964	47c	Blue Jay, <i>Cyanocitta cristata</i>	Corvidae
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SIERRA LEONE **2011 September 25** **A***

I have not found any "New Issues Update" article in *Linn's Stamp News* on the following stamps, so no designer or printing information is listed.

3107a	4000L	Greater Flamingo, <i>Phoenicopterus roseus</i>	Phoenicopteridae
3107b	4000L	Fulvous Whistling Duck, <i>Dendrocygna bicolor</i>	Anatidae
3107c	4000L	Long-tailed Cormorant, <i>Phalacrocorax africanus</i> (Cap: Cory's Shearwater, <i>Calonectris diomedea</i> , which it definitely is not)	Phalacrocoracidae
3107d	4000L	Purple Heron, <i>Ardea purpurea</i>	Ardeidae
3108a	4000L	Pink-backed Pelican, <i>Pelecanus rufescens</i>	Pelecanidae
3108b	4000L	Abdim's Stork, <i>Ciconia abdimii</i>	Ciconiidae
3108c	4000L	Western Reef-Heron, <i>Egretta gularis</i>	Ardeidae
3108d	4000L	African Spoonbill, <i>Platalea alba</i>	Threskiornithidae
3109	SS 10000L	Sacred Ibis, <i>Threskiornis aethiopicus</i>	Threskiornithidae
3110	SS 10000L	Squacco Heron, <i>Ardeola ralloides</i>	Ardeidae

SINGAPORE **2012 November 27** **B***

The 45th Anniversary of Currency Interchangeability (joint issue with Brunei), two \$1 stamps (Sc#1585–86), but only one features a bird, plus a SS with two \$1 stamps and a \$2 stamp. Designers: Janny Jin Li Juan and Pg Amir Bin Pg Hj Sablon. Offset by Secura Singapore.

1586	\$1	Olive-backed Sunbird, <i>Cinnyris jugularis</i>	Nectariniidae
1587		SS of three (Sc#1585–86, Sc#1587a)	

SOUTH AFRICA**2012 August 10****A***

Five se-tenant non-denominated “International Airmail Small Letter” stamps showing sunbirds. No designer was provided as part of the “New Issues Update” article, but each of the stamps has the printed name Andre Olwaga above the English and scientific name of each bird vertically printed on the left side of each stamp. Offset, but no printer name provided.

C113	(5.40r)	White-breasted Sunbird, <i>Cinnyris talatala</i> (Cap: White-bellied)	Nectariniidae	
C114	(5.40r)	Dusky Sunbird, <i>Cinnyris fuscus</i>	Nectariniidae	
C115	(5.40r)	Neergaard’s Sunbird, <i>Cinnyris neergaardi</i>	Nectariniidae	
C116	(5.40r)	Plain-backed Sunbird, <i>Anthreptes reichenowi</i>	Nectariniidae	Vol. 61(3)
C117	(5.40r)	Collared Sunbird, <i>Hedydipna collaris</i>	Nectariniidae	

SURINAM**2012 May 23****A***

Another set of 12 se-tenant stamps, with one stamp a non-denominated “B” stamp. Designer: Studio LaBranda. Offset by Austrian Government Printing Office.

1441a	(55c)	Snail Kite, <i>Rostrhamus sociabilis</i>	Accipitridae	
1441b	\$1	Mouse-colored Antshrike, <i>Thamnophilus murinus</i>	Thamnophilidae	Vol. 61(3)
1441c	\$1.45	Buff-throated Woodcreeper, <i>Xiphorhynchus guttatus</i>	Furnariidae	Vol. 61(3)
1441d	\$2	Marbled Wood-Quail, <i>Odontophorus gujanensis</i>	Odontophoridae	
1441e	\$2.50	Lineated Woodpecker, <i>Dryocopus lineatus</i>	Picidae	
1441f	\$3	Spotted Puffbird, <i>Bucco tamatia</i> (This species first appeared on a 1982 Staffa local issue)	Bucconidae	Vol. 61(3)
1441g	\$3.50	Waved Woodpecker, <i>Celeus undatus</i>	Picidae	Vol. 61(3)
1441h	\$4	Little Hermit, <i>Phaethornis longuemareus</i>	Trochilidae	Vol. 61(3)
1441i	\$5	Rufous-breasted Hermit, <i>Glaucis hirsutus</i>	Trochilidae	
1441j	\$7	White-tailed Kite, <i>Elanus leucurus</i>	Accipitridae	
1441k	\$9	Black-eared Fairy, <i>Heliothryx auritus</i> (This species first appeared on a 1982 Staffa local issue)	Trochilidae	Vol. 61(3)
1441l	\$11	Rusty-breasted Nunlet, <i>Nonnula rubecula</i> (This species first appeared on a 1982 Staffa local issue)	Bucconidae	Vol. 61(3)

2013 February 20**A***

A pane of 12 se-tenant stamps, one being a non-denominated “B” stamp. Designer: Studio LaBranda. Offset by Austrian Government Printing Office.

1450a	(55c)	Peach-fronted Parakeet, <i>Aratinga aurea</i>	Psittacidae	
1450b	\$1.45	White-tailed Goldenthrout, <i>Polytmus guainumbi</i>	Trochilidae	
1450c	\$1.75	Ruddy-tailed Flycatcher, <i>Terentriccus erythrurus</i>	Tyrannidae	Vol. 62(2)
1450d	\$2.25	Pale-breasted Spinetail, <i>Synallaxis albescens</i>	Furnariidae	Vol. 62(2)
1450e	\$2.75	Rufous-collared Sparrow, <i>Zonotrichia capensis</i>	Emberizidae	
1450f	\$3.25	McConnell’s Spinetail, <i>Synallaxis macconnelli</i>	Furnariidae	Vol. 62(2)
1450g	\$3.75	Palm Tanager, <i>Thraupis palmarum</i>	Thraupidae	
1450h	\$4.25	Speckled Spinetail, <i>Cranioleuca gutturata</i>	Furnariidae	Vol. 62(2)
1450i	\$5.50	Striped Cuckoo, <i>Tapera naevia</i>	Cuculidae	
1450j	\$7.50	Ruddy Foliage-gleaner, <i>Automolus rubiginosus</i>	Furnariidae	Vol. 62(2)
1450k	\$9.50	Rufous-sided Pygmy-Tyrant, <i>Euscarthmus rufomarginatus</i>	Tyrannidae	Vol. 62(2)
1450l	\$12.50	Blue-gray Tanager, <i>Thraupis episcopus</i>	Thraupidae	

SWITZERLAND**2013 May 7****A***

A single s/a stamp of a stork and cattails. Designer: Corinne Oesch and Daniel Hug. Offset by Enschede.

1484	1fr	White Stork, <i>Ciconia ciconia</i>	Ciconiidae	
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TANZANIA

2012 July 10

A*

I had no “New Issues Update” article from *Linn’s Stamp News* on the following issues and was surprised that Scott Publishing did not list them in the July 2013 listing of recent listings for Tanzania, especially since their listing covered issues up to 28 November 2012.

In an e-mail from Martin Frankevicz, New Issues Editor at Scott Publishing, he indicated, “with all of the illegal stuff and other nonsense that has gone on with Tanzania stamps over the years, we have never been in much of a rush to get their stamps listed without hearing definitively from sources in Tanzania. Also, Tanzania has never been particularly good about telling us about their stamps in a chronological order.”

I then downloaded this issue and e-mailed the scans to Martin Frankevicz and received a reply that stated, “These stamps are not like the ones that were declared illegal. These look like items provided by their agent. Scott hadn’t received this issue when we compiled our listings in the July 2013 update and there was no information was listed on their agent’s website.” Scott may get more information, by the next time they list Tanzania, which probably will not be until July 2014.

Based on my communication with Scott Publishing, I am listing this issue, without Scott numbers, to alert the Unit members about them. If, and when, Scott does eventually list them, I will update the listing numbers. This issue of 2012 July 10, consisted of a sheet of eight se-tenant stamps, titled “Birds of Tanzania,” two sheets of four each se-tenant, and two SS.

N/A	1000sh	Spotted Eagle-Owl, <i>Bubo africanus</i> (Cap: Verreaux’s Eagle-Owl, <i>Bubo lacteus</i>)	Strigidae
N/A	1000sh	Augur Buzzard, <i>Buteo auger</i> (Cap: <i>Buteo rufofuscus augur</i>)	Accipitridae
N/A	1000sh	Jackal Buzzard, <i>Buteo rufofuscus</i> (Cap: Red-tailed Buzzard, <i>Buteo rufofuscus rufofuscus</i>)	Accipitridae
N/A	1000sh	Bateleur, <i>Terathopius ecaudatus</i>	Accipitridae
N/A	1000sh	Verreaux’s Eagle, <i>Aquila verreauxii</i>	Accipitridae
N/A	1000sh	Dark Chanting-Goshawk, <i>Melierax metabates</i> (Cap: Chanting Goshawk, <i>Melierax musicus</i>)	Accipitridae
N/A	1000sh	Verreaux’s Eagle, <i>Aquila verreauxii</i>	Accipitridae
N/A	1000sh	Bateleur, <i>Terathopius ecaudatus</i>	Accipitridae
N/A	1000sh	Common Kingfisher, <i>Alcedo atthis</i> (Cap: Malachite Kingfisher)	Alcedinidae
N/A	1000sh	White-throated Kingfisher, <i>Halcyon smyrnensis</i> (Cap: Grey Headed Kingfisher)	Alcedinidae
N/A	1000sh	Woodland Kingfisher, <i>Halcyon senegalensis</i>	Alcedinidae
N/A	1000sh	Pied Kingfisher, <i>Ceryle rudis</i>	Alcedinidae
Margin		African Fish-Eagle, <i>Haliaeetus vocifer</i>	Accipitridae
N/A	1000sh	Superb Starling, <i>Lamprotornis superbus</i> (Cap: <i>Spreo</i>)	Sturnidae
N/A	1000sh	Lesser Masked-Weaver, <i>Ploceus intermedius</i> (Cap: Buffalo Weaver)	Ploceidae
N/A	1000sh	Red-billed Quelea, <i>Quelea quelea</i> (Cap: Red-billed)	Ploceidae
N/A	1000sh	White-billed Buffalo-Weaver, <i>Bubalornis albirostris</i> (Cap: Buffalo Weaver)	Ploceidae
N/A	SS 800sh	Superb Starling, <i>Lamprotornis superbus</i> (Cap: <i>Spreo</i>)	Sturnidae
N/A	SS 800sh	Secretarybird, <i>Sagittarius serpentarius</i>	Sagittariidae

TANZANIA (continued)**2011 November 20****A***

Two sheets of four se-tenant stamps and two SS for “Birds of Africa,” No designer information. Offset, no printer information.

2637a	1700sh	Pied Crow, <i>Corvus albus</i>	Corvidae	
2637b	1700sh	Ground Woodpecker, <i>Geocolaptes olivaceus</i>	Picidae	
2637c	1700sh	Greater Honeyguide, <i>Indicator indicator</i>	Indicatoridae	
2637d	1700sh	Yellow-rumped Tinkerbird, <i>Pogoniulus bilineatus</i> (Cap: Ground Woodpecker, <i>Geocolaptes olivaceus</i>)	Capitonidae	
2636a	1700sh	Brown-necked Parrot, <i>Poicephalus robustus</i> (Cap: Senegal Parrot, <i>Poicephalus senegalus</i>)	Psittacidae	
2636b	1700sh	Gray Parrot, <i>Psittacus erithacus</i>	Psittacidae	
2636c	1700sh	Lilac-breasted Roller, <i>Coracias caudatus</i>	Coraciidae	
2636d	1700sh	Southern Masked-Weaver, <i>Ploceus velatus</i>	Ploceidae	
2638	SS 3800sh	Black-collared Barbet, <i>Lybius torquatus</i>	Capitonidae	
2639	SS 3800sh	White-headed Mousebird, <i>Colius leucocephalus</i>	Coliidae	new

Editor’s comment: A number of naming errors exist on both of the above issues, and I would say that Tanzania’s agents and whoever designed and listed the species names on these issues did not do a good job.

URUGUAY**2012 August 31****A***

A se-tenant sheet of four stamps (Sc#2383a–d) with two stamps featuring birds. Designer: Gabriel Casas. Offset by Sanfer.

2383a	\$12	L: Red-crested Cardinal, <i>Paroaria coronata</i> R: Vermilion Flycatcher, <i>Pyrocephalus rubinus</i>	Emberizidae Tyrannidae	
2383b	\$12	Rufous-chested Dotterel, <i>Charadrius modestus</i>	Charadriidae	

UZBEKISTAN**2012 August 27****A***

A set of four stamps (Sc#703–06) for Rare/Endangered Animals, but only one stamp features a bird. Designers: Y. Gabzaliloy and A. Zuev. Offset, no printer information.

704	800s	Barbary Falcon, <i>Falco pelegrinoides</i>	Falconidae	
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2012 December 28**A***

At the time of writing up this issue, I still had not seen a “New Issues Update” article printed in *Linn’s Stamp News*. The issue of three stamps (Sc#714–16) has two featuring birds.

714	400s	Sacred Ibis, <i>Threskiornis aethiopicus</i> ,	Threskiornithidae	
716	1000s	Ostrich, <i>Struthio camelus</i>	Struthionidae	

NEW BIRDS IN THE PHILATELIC AVIARY

Charles E. Braun, BU1364

New Birds



FEA'S PETREL, *Pterodroma feae* Procellariidae
Cape Verde, 2012 March, not yet cataloged, 20\$

Length: 13 to 15 inches, sexes alike, disperses. Dark, white below with a white superciliary and black mask.

Habitat: Marine and pelagic.

Range: Breeds in Cape Verde Islands, Desertas Islands (off Madeira), and possibly the Azores. Disperses to tropical and subtropical waters of the northern Atlantic.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 1*.



COLLARED PETREL, *Pterodroma brevipes* Procellariidae
Samoa, 2013 May 29, not yet cataloged, \$7.50

Length: 12 inches, sexes alike, resident. Dark above and grayish below with a black face and collar.

Habitat: Breeds in mountain forests and grasslands. Marine, but stays near breeding areas.

Range: Fiji, Cook Islands, Samoa; possibly Vanuatu and Solomon Islands.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 1*.



JERDON'S BAZA, *Aviceda jerdoni* Accipitridae
Guinea, 2013 April 30, not yet cataloged, 20000fr

Length: 16 to 19 inches, resident. The male (shown) is brownish above and barred rufous and white below with a dark crest and a rufous or gray head. The female is paler with a pale head.

Habitat: Tropical forest edges and clearings.

Range: Southwestern India and Sri Lanka, northeastern India to southern China, the Philippines, and Sulawesi.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 2*



RED-HEADED VULTURE, *Sarcogyps calvus* Accipitridae
Burundi, 2012 December 21, Yv#1795, 1190fr

Length: 30 to 36 inches, sexes alike, resident. Black with gray in the wings and a red head and legs.

Habitat: Open countryside, savanna woodland, and foothills.

Range: Eastern Pakistan to Vietnam and Thailand.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 2*.



BEAUDOUIN'S SNAKE-EAGLE, *Circaetus beaudouini* Accipitridae
Uganda, 2012 March 30, Yv#2333, 3400sh

Length: 24 inches, sexes alike, resident. Brown above and brown-barred white below with a dark chest.

Habitat: Open woodland and tree savanna.

Range: Senegal to northwestern Kenya.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 2.*



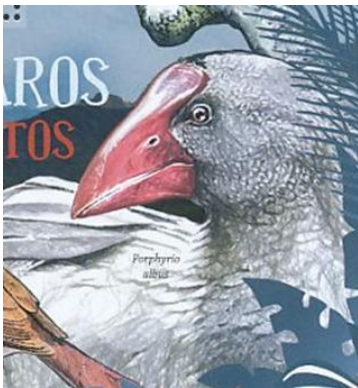
WAHLBERG'S EAGLE, *Hieraaetus wahlbergi* Accipitridae
Niger, 2013 March 1, Sc#1167, SS 2500fr (LR margin)

Length: 22 to 24 inches, resident migratory. All brown with brown eyes. A pale morph is light brown above and white below with a white head, neck, and thighs.

Habitat: Savanna.

Range: Breeds from Mauritania to Ethiopia. Winters to South Africa.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 2.*



LORD HOWE'S SWAMPHEN, *Porphyrio albus* Rallidae
Mozambique, 2012 April 30, Sc#2641, SS 175m (LR margin)

Length: 25 inches, sexes alike, resident. White with a red bill.

Habitat: Wetlands.

Range: Formerly Lord Howe Island; extinct around 1834.

Reference: Ripley, S. D. *Rails of the World.*



GREAT THICK-KNEE, *Esacus recurvirostris* Burhinidae
Palau, 2002 February 20, Sc#664, \$2 (This was not written up when issued.)

Length: 20 to 22 inches, sexes alike, resident. Grayish above and white below with a patterned face and tan breast.

Habitat: Riverbeds, stony banks, and mud around large lakes.

Range: Southeastern Iran to Sri Lanka, Hainan, and Vietnam.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 3.*



GRAY-HEADED LAPWING, *Vanellus cinereus* Charadriidae
Vietnam, 2013 June 1, not yet cataloged, 10500d

Length: 14 to 15 inches, sexes alike, migratory. Brown above and white below with a gray head, neck, and upper breast and a black breast band.

Habitat: Breeds in swamps; winters in wetlands.

Range: Breeds in northeastern China, neighboring Russia, and Japan. Winters from Nepal to Taiwan and Vietnam.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 3.*



LILAC-CROWNED PARROT, *Amazona finschi* Psittacidae
Canada, 2013 April 22, Sc#2636b, (63c)

Length: 12 to 14 inches, sexes alike, resident. Green, paler below with a red forecrown and lilac hindcrown and nape.

Habitat: Semi-deciduous woodland, pine-oak forest, and edges.

Range: Western Mexico. A feral population is in Los Angeles.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 4.*



RYUKYU SCOPS-OWL, *Otus elegans* Strigidae
Taiwan, 2013 June 26, not yet cataloged, \$25

Length: 8 inches, sexes alike, resident. Brown above and pale below with intricate black patterning.

Habitat: Subtropical dense evergreen forest.

Range: Ryukyu and Daito Islands (Japan), Lanyu Island (Taiwan), and small islands off the northern Philippines.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 5.*



BARRED EAGLE-OWL, *Bubo sumatranus* Strigidae
Thailand, 2013 July 29, not yet cataloged, 5b

Length: 16 to 18 inches, sexes alike, resident. Blackish-brown above and barred white below with dirty white facial disks and horizontal ear tufts.

Habitat: Forest, edges, and clearings.

Range: Southern Thailand to Bali and Borneo.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 5.*



TAWNY FISH-OWL, *Ketupa flavipes* Strigidae
Taiwan, 2013 June 26, not yet cataloged, \$10

Length: 19 to 22 inches, sexes alike, resident. Orange-rufous with black streaks below and horizontal ear tufts.

Habitat: Deep wooded ravines, stream banks, and forest pools.

Range: Northwestern India to Vietnam and Taiwan.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 5*.



GRAY-TAILED MOUNTAIN-GEM, *Lampornis cinereicauda*
Trochilidae

Guinea-Bissau, 2012 May 25, Yv#4338, 750fr

Length: 4 inches, resident. The male (shown) is green with a white throat and superciliary and a gray tail. The female is cinnamon-rufous below with a green tail.

Habitat: Highland forest canopy.

Range: Southern Costa Rica.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 5*.



PURPLE-THROATED MOUNTAIN-GEM, *Lampornis calolaemus*
Trochilidae

Guinea-Bissau, 2012 May 25, Yv#4340, 750fr

Length: 4 inches, resident. The male (shown) is green with a white superciliary and purple throat; the female is cinnamon-rufous below.

Habitat: Wet subtropical forest.

Range: Southern Nicaragua to western Panama.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 5*.



FAWN-BREASTED BRILLIANT, *Heliodoxa rubinoides* Trochilidae
Guinea-Bissau, 2012 May 25, Yv#777, SS 3500fr

Length: 5 inches, resident. The male (shown) is bronzy-green above and cinnamon-buff below with a small rosy-violet throat patch. The female lacks the throat patch.

Habitat: Wet and humid pre-montane forest and forest edges.

Range: Andes from central Colombia to Peru.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 5*.



TYRIAN METALTAIL, *Metallura tyrianthina* Trochilidae
Guinea-Bissau, 2012 May 25, Yv#4339, 750fr

Length: 4 inches, resident. The male is bottle-green above and grayish below with an emerald-green throat patch and a coppery-red or violet tail. The female has whitish underparts with green spots, an ochre-orange throat, and coppery-red tail.

Habitat: Open humid forest.

Range: Andes from Venezuela to Bolivia.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 5.*



SCALED METALTAIL, *Metallura aeneocauda* Trochilidae
Guinea-Bissau, 2012 May 25, Yv#777. SS 3500fr (UR margin)

Length: 5 inches, sexes similar, resident. Bottle-green above and scaly grayish below with an iridescent bright green throat patch and a copper red tail.

Habitat: Bushy areas in cloud forest.

Range: Southeastern Peru to central Bolivia.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 5.*



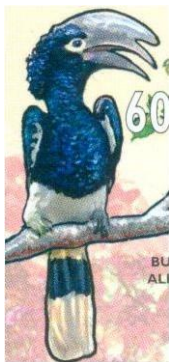
WHITE-HEADED MOUSEBIRD, *Colius leucocephalus* Coliidae
Tanzania, 2011 November 20, Sc#2639, SS 3800sh

Length: 24 to 28 inches, sexes alike, resident. Gray above and buff below with a white head and black streaking on the upper back and throat.

Habitat: Dry thorn bush.

Range: Southeastern Ethiopia to northeastern Tanzania.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 6.*



WHITE-THIGHED HORNBILL, *Ceratogymna albotibialis* Bucerotidae
Congo D.R., 2012 October 22, not yet cataloged, 600fr

Length: 18 inches, sexes similar, but the female is smaller with a darker casque, resident. Black with white lower back, tail tip, and thighs.

Habitat: Tall lowland evergreen forest.

Range: Benin to western Uganda and northern Angola.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 6.*



SAMOAN TRILLER, *Lalage sharpei* Campephagidae
Samoa, 2013 May 29, not yet cataloged, \$3.90

Length: 5 inches, sexes alike, resident. Gray-brown above and finely-barred paler below with a red-orange bill.

Habitat: Native forest and forest edges.

Range: Western Samoa.

Reference: Pratt, H. D., P. L. Bruner, and D. G. Berrett. *The Birds of Hawaii and the Tropical Pacific*.



PARADISE RIFLEBIRD, *Ptiloris paradiseus* Paradisaeidae
Solomon Islands, 2013 February 15, not yet cataloged, \$5

Length: 12 inches, resident. The male (left) is velvety jet black with iridescent sheens of green and purple/magenta. The female (right) is brown above and white below marked with chevrons.

Habitat: Subtropical and temperate rainforest.

Range: Coastal eastern Australia (not found in the Solomon Islands).

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 14*.



BARLOW'S LARK, *Certhilauda barlowi* Alaudidae
Namibia, 2013 March 1, Sc#1255, \$1

Length: 7 inches, sexes alike, but male has a longer bill, resident. Sandy or sandy-gray above and brown-spotted white below with a whitish supercilium and eye ring.

Habitat: Sandy plains with dwarf shrub lands and grassy dunes.

Range: Coastal Namibia.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 9*.



BENGUELA LARK, *Certhilauda benguelensis* Alaudidae
Namibia, 2013 March 1, Sc#1254, 90c

Length: 7 to 8 inches, sexes alike, resident. Gray-brown above and whitish below with dark brown spots on the breast and a narrow white supercilium.

Habitat: Arid stony hill slopes and adjacent plains.

Range: Southwestern Angola and western Namibia.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 9*.



KĀMA‘O, *Myadestes myadestinus* Turdidae
Mozambique, 2012 April 30, Sc#2607c, 16m

Length: 8 inches, sexes alike, resident. Brown above and faintly mottled gray below.
Habitat: Dense montane forest.

Range: Kauai, Hawaii.

Reference: Pratt, H. D., P. L. Bruner, and D. G. Berrett. *The Birds of Hawaii and the Tropical Pacific*.



BISHOP'S 'Ō'Ō, *Moho bishopi* Meliphagidae
Mozambique, 2012 April 30, Sc#2641, SS 175m (UR margin)

Length: 12 inches, sexes alike, resident. Black with yellow ear and axillary tufts and yellow undertail.

Habitat: Dense rainforest.

Range: Formerly Molokai, Hawaii. Extinct in 1981.

Reference: Pratt, H. D., P. L. Bruner, and D. G. Berrett. *The Birds of Hawaii and the Tropical Pacific*.



MAO, *Gymnomyza samoensis* Meliphagidae
Samoa, 2013 May 29, not yet cataloged, \$15

Length: 12 inches, sexes alike, resident. All dark olive.

Habitat: Montane forest.

Range: Samoa.

Reference: Pratt, H. D., P. L. Bruner, and D. G. Berrett. *The Birds of Hawaii and the Tropical Pacific*.



GREATER AKIALOA, *Hemignathus ellisianus* Drepanididae
Mozambique, 2012 April 30, Sc#2621, SS 175m (LR margin)

Length: 7.5 inches, sexes alike, resident. Green above, paler below with along curved bill.
Habitat: Forest.

Range: Formerly Oahu. Extinct in 1969.

Reference: Pratt, H. D., P. L. Bruner, and D. G. Berrett. *The Birds of Hawaii and the Tropical Pacific*.



LESSER AKIALOA, *Hemignathus obscura* Drepanididae
Mozambique, 2012 April 30, Sc#2621, SS 175m (LL margin)

Length: 6.5 inches, sexes alike, resident. Green above, paler below with a curved bill.

Habitat: Forest.

Range; Formerly Lanai and Molokai (Hawaii). Extinct in 1940.

Reference: Pratt, H. D., P. L. Bruner, and D. G. Berrett. *The Birds of Hawaii and the Tropical Pacific*.



KĀKĀWAHIE, *Paroreomyza flammea* Drepanididae
Guinea-Bissau, 2012 October 31, Yv#4634, 900fr

Length: 5 inches, resident. The male (lower) is bright scarlet; the female (upper) is rusty brown above and buffy white below with an orange throat.

Habitat: Forest and undergrowth.

Range: Formerly Molokai, Hawaii. Extinct in 1963.

Reference: Pratt, H. D., P. L. Bruner, and D. G. Berrett. *The Birds of Hawaii and the Tropical Pacific*.



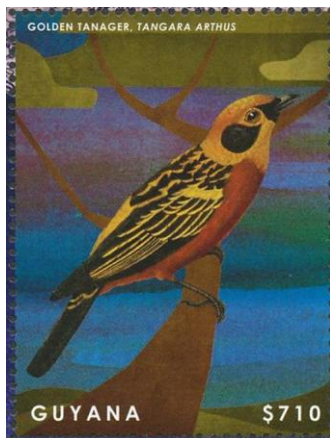
BACHMANN'S WARBLER, *Vermivora bachmanii* Parulidae
Guinea-Bissau, 2012 October 31, Yv#4636, 900fr

Length: 5 inches, migratory. The male (upper) is olive above and yellow below with a black crown and throat patch. The female (lower) is olive above and yellow below.

Habitat: Bred in swampy seasonally flooded forest. Wintered in wooded areas.

Range: Formerly bred in the southeastern U.S. and wintered in Cuba and the Bahamas. Extinct in 1988.

Reference: Curson, J., D. Quinn, and D Beadle. *Warblers of the Americas*.



GOLDEN TANAGER, *Tangara arthus* Thraupidae

Guyana, 2013, not yet cataloged, \$710

(previously on an Equatorial Guinea issue and margin of a 1998 Tanzania issue)

Length: 5 inches, sexes similar, resident. Golden with a greenish-yellow-streaked black back and a black patch below the eye.

Habitat: Humid and wet montane forest edges and clearings.

Range: Western Venezuela to Bolivia.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 16*.



BLACK-BACKED TANAGER, *Tangara peruviana* Thraupidae
Guyana, 2013, not yet cataloged, \$225

Length: 5.5 inches, migratory. The male (shown) is pale above and bluish below with a black back, rufous-chestnut head and blue and black wings. The female is greenish above and blue-green below with a cinnamon-rufous head.

Habitat: Coastal sandy-soil forest and scrub.

Range: Breeds in Espirito Santo and Rio de Janeiro provinces. Winters slightly north.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. *Handbook of the Birds of the World, Volume 16*.



BONIN GROSBEAK, *Chaunoproctus ferreorostris* Fringillidae
Mozambique, 2012 April 30, Sc#2633c, 16m

Length: 8 inches, resident. The male is brown above and whitish below with a red face and breast. The female (shown) is brown.

Habitat: Low shrubs.

Range: Formerly Ogashawara (Bonin) Island, south of Japan. Extinct in 1828.

Reference: Day, D. *Vanished Species*.

PHOTOSPHERE (from page 156)

Williamson has another claim as a pioneer. Although other countries have claimed to be the first, Williamson actually was the first to establish an undersea post office. According to Christer Brunstrom at the Philatelic Database, Williamson opened his Sea Floor post office in the Bahamas using the Photosphere on 16 August 1939. It remained in operation until sometime in 1941. Williamson operated this service to create publicity for his undersea expeditions.

He used the 1938 stamp along with other issues to frank these covers and incorporated some of his underwater photographic images as cachets. Illustrated above is an image of one of these covers autographed by Williamson himself. These covers are currently very popular with collectors and can fetch prices of up to \$200.

References:

Twenty Years Under the Sea, J. E. Williamson, Boston: Ralph T. Hale & Co., 1936.

“Going Down in a Tube to Hunt for Sunken Treasure,” *New York Times*, 16 July 1911.

“The Bahamas Sea Garden Stamp,” W. F. Stanley, *Biology Tid-Bits*, Volume 8, Number 6, pp.238–39.

http://www.therebreathersite.nl/12_Atmospheric%20Diving%20Suits/1911%20C%20Williamson/1911_Charles_Williamson.htm (J.W. Bech)

<http://www.philatelicdatabase.com/postal-history/bahamas-the-worlds-first-undersea-post-office/>

<http://www.submarinesonstamps.co.il/History.aspx?h=334>



ICHTHYOLOGY

Editor

Kris P. Lindstrom, LM77



New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
CANADA				
2013 February 20 (Sign of the Zodiac Type of 2011)				
2447d	P(63c)	Pisces Sign of the Zodiac (perf 12½)		S
2447	(252c)	MS of 4 (Sc#2447a–d)		
24481	P(63c)	Pisces Sign of the Zodiac (perf 12½×13)		S
2448	(756c)	Sheet of 12 (Sc#2448a–l)		
2460	P(63c)	Pisces Sign of the Zodiac (die cut 13½)		S
2460a	(630c)	Bklt pane 10 (Sc#2460)		
2460b	(1512c)	Gutter pane 24 (6×Sc#2457–60)		
MALAYSIA				
2012 November 19 (Children's Hobbies)				
1436b	60c	Robot Fishing (any fish?)		U
1436	120c	Pair (Sc#1436a–b)		
MOZAMBIQUE				
2011 June 30 (Henri Matisse)				
2301	SS 175m	Matisse and painting from 1905, Any fish?		U
2011 August 30 (Storks)				
2359e	66m	Fish in stork's mouth?		U
2359	222m	MS of 6 (Sc#2359a–f)		
2011 August 30 (Fish Eagles)				
2365?	16m	Fish in eagle beak or talons?		U
2365	222m	MS of 6 (Sc#2365a–f)		
2395	SS 175m	Fish eagle with fish?		U
2011 December 30 (Sharks)				
2485a	66m	Top: Bigeye Thresher, <i>Alopias superciliosus</i> Bot: Blue Shark, <i>Prionace glauca</i>	Alopiidae Carcharhinidae	A A
2485b	66m	Top: Sand Tiger Shark, <i>Eugomphodus taurus</i> Bot: Blacktip Shark, <i>Carcharhinus limbatus</i>	Odontaspidae Carcharhinidae	A A
2485c	66m	Top: Zebra Shark, <i>Stegostoma fasciatum</i> Bot: Blacktip Reef Shark, <i>Carcharhinus melanopterus</i>	Stegostomatidae Carcharhinidae	A A
2485d	66m	Top: Whitetip Reef Shark, <i>Triaenodon obesus</i> Bot: Angel Shark, <i>Squatina squatina</i>	Carcharhinidae Squatinae	A A
2485e	66m	Top: Shortfin Mako, <i>Isurus oxyrinchus</i> Bot: Leopard Shark, <i>Triakis semifasciata</i>	Lamnidae Triakidae	A A
2485f	66m	Top: Nursehound, <i>Scyliorhinus stellaris</i> Bot: Bull Shark, <i>Carcharhinus leucas</i>	Scyliorhinidae Carcharhinidae	A A
2485	396m	MS of 6 (Sc#2485a–f)		
	Margin	UR: Great White Shark, <i>Carcharodon carcharias</i>	Lamnidae	Z

MOZAMBIQUE (continued)

2513	SS 175m	Great Hammerhead, <i>Sphyrna mokarran</i>	Sphyrnidae	A
	Margin	UL: Great White Shark, <i>Carcharodon carcharias</i>	Lamnidae	Z
		Bot: Tiger Shark, <i>Galeocerdo cuvier</i>	Carcharhinidae	Z
		LR: U/I <i>Ramora</i> sp.	Echeneidae	Z

2011 December 30 (Fishing)

2486a	66m	Butterfly Ray, <i>Gymnura natalensis</i>	Gymnuridae	B
2486b	66m	Common Dolphinfish, <i>Coryphaena hippurus</i>	Coryphaenidae	B
2486c	66m	Mozambique Tilapia, <i>Oreochromis mossambicus</i>	Cichlidae	B
2486d	66m	Mozambique Large-eye Bream, <i>Wattsia mossambica</i>	Lethrinidae	B
2486e	66m	Swordfish, <i>Xiphias gladius</i>	Xiphiidae	B
2486	396m	MS of 6 (Sc#2486a-f)		
2514	SS 175m	Kanadi Kingfish, <i>Scomberomorus plurilineatus</i>	Scombridae	

2012 April 30 (Endangered Marine Life)

2612c	16m	Atlantic Bluefin Tuna, <i>Thunnus thynnus</i>	Scombridae	A
2612f	16m	Chinook Salmon, <i>Oncorhynchus tshawytscha</i>	Salmonidae	A
2612	246m	MS of 6 (Sc#2612a-f)		
2625	SS 175m	Great White Shark, <i>Carcharodon carcharias</i>	Lamnidae	
2626	SS 175m	UR: Atlantic Halibut, <i>Hippoglossus hippoglossus</i>	Pleuronectidae	Z
	Margin	UL: Great Hammerhead, <i>Sphyrna mokarran</i>	Sphyrnidae	Z
		LR: Humphead Wrasse, <i>Cheilinus undulatus</i>	Labridae	Z

2012 April 30 (Extinct Animals of Oceania)

2629d	16m	New Zealand Grayling, <i>Prototroctes oxyrhynchus</i>	Retropinnidae	A
2629	280m	MS of 8 (Sc#2629a-h)		

2012 October 30 (Riga Zoo Centennial)

2724f	16m	Clown Anemonefish, <i>Amphiprion ocellaris</i>	Pomacentridae	A
2724	246m	MS of 6 (Sc#2724a-f)		

2012 October 30 (Expo 2012 Yeosu, South Korea)

2734a	16m	Atlantic Bluefin Tuna, <i>Thunnus thynnus</i>	Scombridae	A
2734c	16m	Giant Manta Ray, <i>Manta birostris</i>	Myliobatidae	A
2734e	66m	Zebra Turkeyfish, <i>Dendrochirus zebra</i>	Scorpaenidae	A
2734		MS of 6 (Sc#2734a-f)		
2764	SS 175m	Misc. aquarium fish		B

NEVIS**2012 August 7** (Stingrays)

1716a	\$3	Caribbean Whiptail (Chupare Stingray), <i>Himantura schmardae</i>	Dasyatidae	A
1716b	\$3	Lesser Electric Ray, <i>Narcine brasiliensis</i>	Narcinidae	A
1716c	\$3	Giant Manta Ray, <i>Manta birostris</i>	Myliobatidae	A
1716d	\$3	Southern Stingray, <i>Dasyatis americana</i>	Dasyatidae	A
1716e	\$3	Spotted Eagle Ray, <i>Aetobatus narinari</i>	Myliobatidae	A
1716		MS of 5 (Sc#1716a-e)		

NEW ZEALAND**2013 March 13** (Children's Books by Margaret Mahy)

2453	\$2.40	Stylized book illustration <i>The Great White Man-Eating Shark</i>		S
2454a	\$9.30	SS of 5 (Sc#2450-54)		

NIGER		2013 January 3 (Fish of Niger)		
1145a	750fr	Banded Jewelfish, <i>Hemichromis fasciatus</i>	Cichlidae	A
1145b	750fr	Togo Killifish, <i>Fundulosoma thieryi</i>	Nothobranchiidae	A
1145c	750fr	Two-striped Aphyosemion, <i>Aphyosemion bitaeniatum</i>	Nothobranchiidae	A
1145d	750fr	Niger Tetra, <i>Arnoldichthys spilopterus</i>	Alestidae	A
1145	3000fr	MS of 4 (Sc#1145a–d)		
	Margin	LL: Aphyosemion, <i>Aphyosemion schioetzi</i>	Nothobranchiidae	Z
		LR: Widehead Catfish, <i>Clarotes laticeps</i>	Claroteidae	Z
1170	SS 2500fr	Blue Tilapia, <i>Oreochromis aureus</i>	Cichlidae	
	Margin	LL: <i>Pelvicachromis taeniatus</i>	Cichlidae	Z
		LR: <i>Pelvicachromis pulcher</i>	Cichlidae	Z
		Bot: African Red-finned Barb, <i>Barbus camptacanthus</i>	Cyprinidae	Z
PAKISTAN		2012 October 4 (Arabian Sea Coral Reefs) (Block of 4)		
1174a	8r	Many miscellaneous reef fish		C
1174b	8r	Many miscellaneous reef fish		C
1174c	8r	Many miscellaneous reef fish		C
1174d	8r	Many miscellaneous reef fish		C
PALAU		2012 May 7 (Stingrays)		
1096a	\$1.25	Spotted Eagle Ray, <i>Aetobatus narinari</i>	Myliobatidae	A
1096b	\$1.25	Pacific Electric Ray, <i>Torpedo californica</i>	Torpedinidae	A
1096c	\$1.25	Blue-spotted Stingray, <i>Neotrygon kuhlii</i>	Dasyatidae	A
1096d	\$1.25	Blotched Fantail Ray, <i>Taeniura meyeni</i>	Dasyatidae	A
1096	\$5	MS of 4 (Sc#1096a–d)		
1097	SS \$3.50	Southern Stingray, <i>Dasyatis americana</i>	Dasyatidae	A
PAPUA NEW GUINEA		2013 February 20 (Sculptures by Gigmai Kundun)		
1678	SS 10k	Stylized Indo-Pacific Lionfish, <i>Pterois</i> sp.		S
PHILIPPINES		2012 October 18 (Marine Life Type of 2010–11)		
3447	1p	Twin-spot Wrasse, <i>Coris aygula</i>	Labridae	A
3448	5p	Seychelles Butterflyfish, <i>Chaetodon madagaskariensis</i>	Chaetodontidae	A
3449	40p	Tassle Filefish, <i>Chaetodermis pencilligerus</i>	Monacanthidae	A
		2012 November 16 (Marine Life Type of 2010–11)		
3450	100p	Koran (Semicircle) Angelfish, <i>Pomacanthus semicirculatus</i>	Pomacanthidae	A
PITCAIRN ISLANDS		2012 October 31 (WWF: Fluted Giant Clam)		
743e	\$12.60	SS of 8 (2×Sc#743a–d)		
	Margin	LL: 4×U/I Angelfish		Z
		LL: U/I Butterflyfish		Z
		LR: 2×U/I Butterflyfish		Z
ST. KITTS		2012 October 1 (Fish)		
835a	\$2.50	French Angelfish, <i>Pomacanthus paru</i>	Pomacanthidae	A
835b	\$2.50	Great Barracuda, <i>Sphyraena barracuda</i>	Sphyraenidae	A
835c	\$2.50	Spotted Trunkfish, <i>Lactophrys bicaudalis</i>	Ostraciidae	A
835d	\$2.50	Trumpetfish, <i>Aulostomus maculatus</i>	Aulostomidae	A
835e	\$2.50	Orange-lined Triggerfish, <i>Balistapus undulatus</i>	Balistidae	A
835f	\$2.50	Eagle Ray, <i>Myliobatis tenuicaudatus</i>	Myliobatidae	A
835		MS of 6 (Sc#835a–f)		
836	\$6	U/I Butterflyfish		A

ST. THOMAS & PRINCE ISLANDS 2008 July 17 (Fishermen & Fish)

1882a	15000d	Great Barracuda, <i>Sphyraena sphyraena</i>	Sphyraenidae	B
1882b	25000d	Albacore, <i>Thunnus alalunga</i>	Scombridae	B
1882c	30000d	Sea Trout, <i>Salmo trutta</i>	Salmonidae	B
1882d	30000d	Humpback Red Snapper, <i>Lutjanus gibbus</i>	Lutjanidae	B
1882		MS of 4 (Sc#1882a-d)		
	Margin	Bot: European Conger, <i>Conger conger</i>	Congridae	Z
		LR: Dusky Grouper, <i>Epinephelus marginatus</i> (Cap: <i>E. gauza</i>)	Serranidae	Z
1888	SS 95000d	Atlantic Salmon, <i>Salmo salar</i>	Salmonidae	B
	Margin	R: Swordfish, <i>Xiphias gladius</i>	Xiphiidae	Z

2009 March 31 (Sharks & Jellyfish)

1960a	15000d	Shortfin Mako, <i>Isurus oxyrinchus</i>	Lamnidae	A
1960b	25000d	Scalloped Hammerhead, <i>Sphyrna lewini</i>	Sphyrnidae	A
1960c	30000d	Spinner Shark, <i>Carcharhinus brevipinna</i>	Carcharhinidae	A
1960d	30000d	Shortnose Sawshark, <i>Pristiophorus nudipinnis</i>	Pristiophoridae	A
1960		MS of 4 (Sc#1960a-d)		
1974	SS 100000d	Longfin Mako, <i>Isurus paucus</i>	Lamnidae	A
	Margin	UL: Basking Shark, <i>Cetorhinus maximus</i>	Cetorhinidae	Z
		ML: Great White Shark, <i>Carcharodon carcharias</i>	Lamnidae	Z
		LL: Oceanic Whitetip Shark, <i>Carcharhinus longimanus</i>	Carcharhinidae	Z

2009 May 29 (Fishermen & Fish)

2101a	13000d	Coelacanth, <i>Latimeria chalumnae</i>	Coelacanthidae	B
2101b	13000d	Climbing Perch, <i>Anabas testudineus</i>	Anabantidae	B
2101c	39000d	Pacific Hatchetfish, <i>Argyropelecus affinis</i>	Sternoptychidae	B
2101d	39000d	Freshwater Butterflyfish, <i>Pantodon buchholzi</i>	Pantodontidae	B
2101		MS of 4 (Sc#2101a-d)		
	Margin	UR: Titan triggerfish, <i>Balistoides viridescens</i>	Balistidae	Z
		MR: African Tigerfish, <i>Hydrocynus vittatus</i>	Alestidae	Z
2123	SS 100000d	Crevalle Jack, <i>Caranx hippos</i>	Carangidae	B
	Margin	UR: Atlantic Herring, <i>Clupea harengus</i>	Clupeidae	Z
		CTR: Frilled Shark, <i>Chlamydoselachus anguineus</i>	Chlamydoselachidae	Z
		MR: Common Fangtooth, <i>Anoplogaster cornuta</i>	Anoplogastridae	Z

2009 July 30 (National Dishes & Flags)

2166c	30000d	Lutefisk (Norway)		R
2166	110000d	MS of 5 (Sc#2166a-e)		
2176	SS 100000d	Ackee & Saltfish (Jamaica)		R

ST. VINCENT**2013 February 28** (Coral Reefs)

3843	\$14	MS of 4 (Sc#3843a-d)		
	Margin	CTR: 2xClownfish, <i>Amphiprion</i> sp.	Pomacentridae	Z
3844	SS \$9	U/I fish		U
	Margin	LR: Clownfish, <i>Amphiprion</i> sp.	Pomacentridae	Z

SIERRA LEONE**2011 October 3** (Deep Ocean Creatures)

3100d	5000le	Hatchetfish, <i>Argyropelecus</i> sp.	Sternoptychidae	A
3100		MS of 4 (Sc#3100a-d)		
3101c	5000le	Gulper Eel, <i>Saccopharynx ampullaceus</i>	Saccopharyngidae	A
3101		MS of 4 (Sc#3101a-d)		
3103	SS 11000le	U/I Anglerfish?		U

SURINAM**2012 June 20 (Fish)**

1442a	\$1	Fringelip Mullet, <i>Crenimugil crenilabrus</i>	Mugilidae	A
1442b	\$1.50	Whitetip Soldierfish, <i>Myripristis vittata</i>	Holocentridae	A
1442c	\$2	Sammara Squirrelfish, <i>Neoniphon sammara</i>	Holocentridae	A
1442d	\$3	White-streaked Grouper, <i>Epinephelus ongus</i>	Serranidae	A
1442e	\$3.50	Blacksaddled Coralgrouper, <i>Plectropomus laevis</i>	Serranidae	A
1442f	\$4	Small-toothed Jobfish, <i>Aphareus furca</i>	Lutjanidae	A
1442g	\$4.50	Crown Squirrelfish, <i>Sargocentron diadema</i>	Holocentridae	A
1442h	\$5	Squaretail Coralgrouper, <i>Plectropomus areolatus</i>	Serranidae	A
1442i	\$7.50	Dark-banded Fusilier, <i>Pterocaesio tile</i>	Caesionidae	A
1442j	\$8	Orange-striped Emperor, <i>Lethrinus obsoletus</i>	Lethrinidae	A
1442	\$37	MS of 10 (Sc#1442a-j)		

TURKEY**2012 December 26 (Photographs of Everyday Life)**

3321	50k	Fishermen tending nets (No fish)		R
3323	1L	Fisherman casting net		R

2012 August 16 (Turkish Cuisine)

B300d	2L+10k	Hamsi Tava (fried anchovies)		R
B300	4.5L+40k	SS of 4+label (Sc#B300a-d)		

URUGUAY**2012 July 6 (International Year of Cooperatives)**

2381	12p	Stylized fish		S
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UZBEKISTAN**2012 August 27 (Endangered Animals)**

706	1200s	U/I Fish in mouth of otter		C
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HERPETOLOGY



Jack R. Congrove, BU1424

For two years now, I have been asking repeatedly for someone to become Associate Editor for Herpetology. Since none of our members have stepped up, I decided to put forth a listing myself to show how easy it is and to try to convince some of our herpetology collectors that you are not too busy to produce a list every three months. Now, I do not claim any expertise in this area. I got all of this information from the monthly "Scott New Issues Update" and from the Internet. If you find any errors or omissions, I invite you to take over.

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ARUBA 2013 April 5 (Aruban Bank Notes)				
425b	200c	Stylized on 25-florin banknote		S
425d	200c	Stylized on 100-florin banknote		S
425	1000c	Horiz strip 5 (Sc#425a–d)		S
AZERBAIJAN 2013 January 23 (New Year 2013: Year of the Snake)				
1010e	20g	Stylized snake		S
1010	400g	Sheet 20 (Sc#1010a–d, 16×Sc#1010e)		S
BELARUS 2012 December 18 (Diplomatic Relations with Israel 20th anniv.)				
841	SS 15000r	Stylized lizard (LR margin)		S
BOLIVIA 2012 October 12 (Myths and Legends)				
1531	5b	Stylized snake (Cursed love transformed into a snake)		S
BOSNIA & HERZEGOVINA 2012 September 10 (Snakes)				
692	1m	Horned Viper, <i>Vipera ammodytes</i>	Viperidae	A*
693	1.5m	Bosnian Cross Adder, <i>Vipera berus bosniensis</i>	Viperidae	A*
BOSNIA & HERZEGOVINA (Croat) 2012 November 1 (Snakes)				
277a	2m	Grass Snake, <i>Natrix natrix</i>	Colubridae	A*
277b	2m	Aesculapian Snake, <i>Zamenis longissimus</i>	Colubridae	A*
277c	2m	Horned Viper, <i>Vipera ammodytes</i>	Viperidae	A*
277d	2m	Common European Adder, <i>Vipera berus</i>	Viperidae	A*
277	8m	Block 4 (Sc#277a–d)		
2013 February 10 (New Year 2013: Year of the Snake)				
281	20pf	Stylized snake		S
BRAZIL 2011 July 23 (Brazilian Folklore)				
3180c	(1.1r)	Stylized snake (with dolphin)		S
3180d	(1.1r)	Stylized snake (with headless mule)		S
3180	(4.4r)	Block 4 (Sc#3180a–d)		S
3181c	1.1r	Stylized snake (with dolphin)		S
3181d	1.1r	Stylized snake (with headless mule)		S
3181	SS 4.4r	Sheet 4 (Sc#3181a–d)		

BRAZIL (continued)		2012 June 1 (Rio + 20 Conference on Sustainable Development)		
3218a	(1.1r)	Crocodile	Crocodylidae	B
3218x	(1.1r)	Turtle		B
3218	(26.4r)	Sheet 24 (Sc#3218a-x)		
		2012 August 22 (Legend of Origin of Guaraná)		
3224a	1.85r	Boa, <i>Boa constrictor</i>	Boidae	A*
3224	3.70r	Pair (Sc#3224a-b)		
CHINA (Taiwan)		2012 December 3 (New Year 2013: Year of the Snake)		
4079	\$3.50	Stylized two snakes		S
4080	\$13	Stylized snake		S
4081	SS \$12	Stylized snake		S
CURAÇAO		2013 February 22 (New Year 2013: Year of the Snake)		
103	175c	Stylized snake with flowers		S
104	301c	Stylized snake with flowers		S
105	428c	Stylized snake with flowers		S
106	SS 500c	Stylized snake in tree		S
CROATIA		2013 April 8 (Amphibians)		
863	1.60k	European Fire-bellied Toad, <i>Bombina bombina</i>	Bombinatoridae	A*
863a	16k	Bklt 10 (Sc#863)		
864	3.10k	Fire Salamander, <i>Salamandra salamandra</i>	Salamandridae	A*
864a	31k	Bklt 10 (Sc#864)		
865	4.60k	Olm, <i>Proteus anguinus</i>	Proteidae	A*
865a	46k	Bklt 10 (Sc#865)		
ESTONIA		2013 February 8 (New Year 2013: Year of the Snake)		
723	€1.10	Stylized snake		S
FRENCH POLYNESIA		2013 February 11 (New Year 2013: Year of the Snake)		
1092	140fr	Stylized snake		S
GIBRALTAR		2013 March 25 (RAF Squadrons)		
1371	42p	Stylized snake on emblem of 87th Squadron (with Hawker Hurricane)		S
1374b	42p	Stylized snake on emblem of 87th Squadron		S
1374	£3.18	Sheet of four (Sc#1374a-d se-tenant)		
KOREA (South)		2012 December 3 (New Year 2013: Year of the Snake)		
2393	270w	Stylized snake		S
2394a	540w	SS of two (Sc#2393-94)		
KYRGYZSTAN		2013 February 16 (New Year 2013: Year of the Snake)		
427	30s	Stylized snake		S
LITHUANIA		2013 February 9 (New Year 2013: Year of the Snake)		
991	2.90L	Stylized snake		S

MACAO**2013 January 3** (New Year 2013: Year of the Snake)

1382a	1.5p	Stylized snake (metal sculpture)		S
1382b	1.5p	Stylized snake (wood carving)		S
1382c	1.5p	Stylized snake (fireworks display)		S
1382d	1.5p	Stylized snake (clay sculpture)		S
1382e	5p	Stylized snake (watercolor painting)(with hologram)		S
1382	11p	Horiz strip of five (Sc#1382a-e)		
1383	SS 12p	Stylized snake (watercolor painting, different)(diamond shaped)		S

MARSHALL ISLANDS**2013 February 10** (New Year 2013: Year of the Snake)

1052a	\$1.10	Stylized snake (blue)		S
1052b	\$1.10	Stylized snake (red-brown)		S
1052c	\$1.10	Stylized snake (yellow-brown)		S
1052d	\$1.10	Stylized snake (green)		S
1052	\$4.40	MS of four (Sc#1052a-d)		

MOZAMBIQUE**2011 August 30** (Fauna)

2363f	92m	U/I lizard in bird's beak		C
2363	222m	Sheet of six (Kingfishers)		C
2364c	16m	U/I snake in falcon's talons		U C
2364	222m	Sheet of six (Birds of Prey)		
2369a	16m	Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A*
2369b	16m	Green Sea Turtle <i>Chelonia mydas</i>	Cheloniidae	A*
2369c	16m	Leatherback Sea Turtle, <i>Dermochelys coriacea</i>	Dermochelyidae	A*
2369d	16m	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A*
2369e	66m	Olive Ridley Sea Turtle, <i>Lepidochelys olivacea</i> (on Sc#1400)	Cheloniidae	A*
2369f	92m	Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A*
2369	222m	Sheet of six (Sea Turtles)		
2370a	16m	East African Spiny-tailed Lizard, <i>Cordylus tropidosternum</i>	Cordylidae	A*
2370b	16m	Mozambique Girdled Lizard, <i>Cordylus mossambicus</i>	Cordylidae	A*
2370c	16m	Common Flat Lizard, <i>Platysaurus intermedius</i>	Cordylidae	A*
2370d	16m	East African Spiny-tailed Lizard, <i>C. tropidosternum</i> (fighting)	Cordylidae	A*
2370e	66m	Emperor Flat Lizard, <i>Platysaurus imperator</i>	Cordylidae	A*
2370f	92m	Emperor Flat Lizard, <i>Platysaurus imperator</i>	Cordylidae	A*
2370	222m	Sheet of six (Lizards)		
2399	SS 175m	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A*
2400	SS 175m	Mozambique Girdled Lizard, <i>Cordylus mossambicus</i>	Cordylidae	A*
2011 December 30 (Fauna)				
2481a	66m	Braided Tree Iguana, <i>Liolaemus platei platei</i>	Tropiduridae	B*
2481b	66m	Galapagos Land Iguana, <i>Conolophus subcristatus</i>	Iguanidae	B*
2481c	66m	Edward's Rattlesnake, <i>Sistrurus catenatus edwardsii</i>	Viperidae	B*
2481d	66m	Painted Desert Glossy Snake, <i>Arizona elegans philipi</i>	Colubridae	B*
2481e	66m	Gila Monster, <i>Heloderma suspectum</i>	Helodermatidae	B*
2481f	66m	Mojave Desert Tortoise, <i>Gopherus agassizii</i>	Testudinidae	B*
2481	396m	Sheet of six (Cacti & Reptiles)		
2509	SS 175m	U/I snake		U B*
	Margin	Mid: U/I lizard		U Z*
		LL: Bolson Tortoise, <i>Gopherus flavomarginatus</i>	Testudinidae	Z*
		LR: Coachella Valley Fringe-toed Lizard, <i>Uma inornata</i>	Phrynosomatidae	Z*

MOZAMBIQUE (continued)**2012 April 30** (Fauna)

2590a	66m	<i>Desmatosuchus</i>	Stagonolepididae	A*
2590b	66m	<i>Scaphonyx</i> (=Hyperodapedon)	Hyperodapedontidae	A*
2590c	66m	<i>Erythrosuchus</i>	Erythrosuchidae	A*
2590d	66m	<i>Dimetrodon</i>	Sphenacodontidae	A*
2590	264m	Sheet of four (Extinct Reptiles)		
2591a	66m	<i>Ichthyostega</i>	Ichthyostegidae	A*
2591c	66m	<i>Henodus chelyops</i>	Henodontidae	A*
2591	264m	Sheet of four (Extinct Marine Life)		

2012 April 30 (Fauna)

2598	SS 175m	<i>Lystrosaurus</i>	Lystrosauridae	A*
	Margin	UL: <i>Dimetrodon</i>	Sphenacodontidae	Z*
		LR: <i>Eoraptor</i>	Clade: Eusaurischia	Z*
2600b	16m	Golden Toad, <i>Bufo periglenes</i>	Bufoidea	A*
2600	180m	Sheet of 6 (Extinct & Endangered Animals)		
2609a	16m	Geometric Tortoise, <i>Psammobates geometricus</i>	Testudinidae	A*
2609b	16m	Siamese Crocodile, <i>Crocodylus siamensis</i>	Crocodylidae	A*
2609c	16m	Leaf-nosed Lizard, <i>Ceratophora tennentii</i>	Agamidae	A*
2609d	66m	Komodo Dragon, <i>Varanus komodoensis</i>	Varanidae	A*
2609e	66m	Painted Terrapin, <i>Callagur borneoensis</i>	Geoemydidae	A*
2609f	66m	Anegada Ground Iguana, <i>Cyclura pinguis</i>	Iguanidae	A*
2609	180m	Sheet of six (Endangered Reptiles)		
2610a	16m	Ramsay's Python, <i>Aspidites ramsayi</i>	Pythonidae	A*
2610b	16m	<i>Paracontias minimus</i>	Scincidae	A*
2610c	16m	Mountain Viper, <i>Montivipera albizona</i>	Viperidae	A*
2610d	66m	Rothschild's Skink, <i>Paracontias rothschildi</i>	Scincidae	A*
2610e	66m	Common Garter Snake, <i>Thamnophis sirtalis</i>	Colubridae	A*
2610f	66m	Southern Black Racer, <i>Coluber constrictor priapus</i>	Colubridae	A*
2610	180m	Sheet of six (Endangered Snakes)		
2623	SS 175m	African Slender-snouted Crocodile, <i>Crocodylus cataphractus</i>	Crocodylidae	A*
		Plymouth Red-bellied Turtle, <i>Pseudemys rubriventris bangsi</i>	Emydidae	A*
	Margin	LL: Komodo Dragon, <i>Varanus komodoensis</i>	Varanidae	Z*
		UR: Blunt-nosed Leopard Lizard, <i>Gambelia sila</i>	Crotaphytidae	Z*
		MR: Aldabra Giant Tortoise, <i>Aldabrachelys gigantea</i>	Testudinidae	Z*
		LR: Fiji Banded Iguana, <i>Brachylophus fasciatus</i>	Iguanidae	Z*
2624	SS 175m	Red-bellied Black Snake, <i>Pseudechis porphyriacus</i>	Elapidae	A*
	Margin	LL: Indian Python, <i>Python molurus</i>	Pythonidae	Z*

2012 August 30 (Fauna)

2629e	16m	<i>Peltobatrachus pustulatus</i>	Peltobatrachidae	A*
2629f	16m	Delcourt's Gecko, <i>Hoplodactylus delcourti</i>	Gekkonidae	A*
2629	16m	Sheet of eight (Extinct Animals of Oceania)		
2635a	16m	Big-headed Turtle, <i>Platysternon megacephalum</i>	Platysternidae	A*
2635b	16m	Burmese Roofed Turtle, <i>Batagur trivittata</i>	Geoemydidae	A*
2635c	16m	Cantor's Giant Softshell Turtle, <i>Pelochelys cantorii</i>	Trionychidae	A*
2635d	16m	Geometric Tortoise, <i>Psammobates geometricus</i>	Testudinidae	A*
2635e	16m	Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A*
2635f	16m	Chinese Stripe-necked Turtle, <i>Mauremys sinensis</i>	Geoemydidae	A*
2635g	92m	Leatherback Sea Turtle, <i>Dermochelys coriacea</i>	Dermochelyidae	A*
2635h	92m	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A*
2635	280m	Sheet of eight (Endangered Turtles)		

MOZAMBIQUE (continued)		2012 August 30 (Fauna)			
2643	SS 175m	Green Sea Turtle <i>Chelonia mydas</i>		Cheloniidae	A*
	Margin	MR: Western Swamp Turtle, <i>Pseudemydura umbrina</i>		Chelidae	Z*
		LR: Central American River Turtle, <i>Dermatemys mawii</i>		Dermatemydidae	Z*
		2012 September 30 (Charles Darwin 1809–82)			
2661a	16m	<i>Sauropelta</i>		Nodosauridae	A*
2661b	16m	<i>Allosaurus</i>		Allosauridae	A*
2661d	16m	<i>Ceratosaurus</i>		Ceratosauridae	A*
2661	180m	Sheet of six (Charles Darwin)			
	Margin	Bottom: <i>Stegosaurus</i>		Stegosauridae	Z*
		2012 September 30 (Death of Lonesome George)			
2669a	16m	Pinta Giant Tortoise, <i>Chelonoidis nigra abingdonii</i> (head raised)		Testudinidae	A*
2669b	16m	<i>C. n. abingdonii</i> (head lowered facing forward)		Testudinidae	A*
2669c	16m	<i>C. n. abingdonii</i> (head lowered facing left)		Testudinidae	A*
2669d	66m	<i>C. n. abingdonii</i> (head raised facing forward)		Testudinidae	A*
2669e	66m	<i>C. n. abingdonii</i> (head raised facing right)		Testudinidae	A*
2669f	66m	<i>C. n. abingdonii</i> (head lowered)		Testudinidae	A*
2669	180m	Sheet of six (Death of Lonesome George)			
2699	SS 175m	<i>C. n. abingdonii</i> (also in margin)		Testudinidae	A*
		2012 October 30 (Expo 2012 Yeosu)			
2734	180m	UR: Green Sea Turtle <i>Chelonia mydas</i>		Cheloniidae	Z*
		2012 October 30 (Riga Zoo 100th Anniv.)			
2754	SS 175m	LR: Yellow-banded Poison Dart Frog, <i>Dendrobates leucomelas</i>		Dendrobatidae	Z*
NAMBIA		2012 September 22 (Gobabeb Research & Training Center)			
1249a	(\$3.10)	Namaqua Chameleon, <i>Chamaeleo namaquensis</i>		Chamaeleonidae	A*
1249	\$14	SS of three (Sc#1249a–c) (diamond shaped)			
NEPAL		2012 July 29 (Biodiversity)			
873h	10r	<i>Cyrtopodion markuscombaii</i>		Gekkonidae	A*
873	80r	Block of eight (Sc#873a–h)			
NEW CALEDONIA		2012 September 25 (Michel Corbasson Zoo & Forest 50th Anniv.)			
1143a	110fr	New Caledonian Giant Gecko, <i>Rhacodactylus leachianus</i>		Gekkonidae	A*
1143	330fr	SS of three (Sc#1143a–c)			
NIGER		2013 March 1 (Fauna)			
1146a	750fr	Geometric Tortoise, <i>Psammobates geometricus</i>		Testudinidae	A*
1146b	750fr	African Helmeted Turtle, <i>Pelomedusa subrufa</i>		Pelomedusidae	A*
1146c	750fr	Liberian Black Mud Turtle, <i>Pelusios niger</i>		Pelomedusidae	A*
1146d	750fr	Angonoka Tortoise, <i>Astrochelys yniphora</i>		Testudinidae	A*
1146	3000fr	Sheet of four (Turtles)			
1147a	750fr	Nile Crocodile, <i>Crocodylus niloticus</i> (name UL)		Crocodylidae	A*
1147b	750fr	African Slender-snouted Crocodile, <i>Crocodylus cataphractus</i>		Crocodylidae	A*
1147c	750fr	African Slender-snouted Crocodile, <i>C. cataphractus</i> (denom UR)		Crocodylidae	A*
1147d	750fr	Nile Crocodile, <i>Crocodylus niloticus</i> (name LL)		Crocodylidae	A*
1147	3000fr	Sheet of four (Crocodiles)			

NIGER (continued)**2013 March 1** (Fauna)

1148a	750fr	Sahel Egg Eater, <i>Dasypeltis sahelensis</i>	Colubridae	A*
1148b	750fr	Striped Swamp Snake, <i>Dromophis praeornatus</i>	Colubridae	A*
1148c	750fr	Lined Olympic Snake, <i>Dromophis lineatus</i>	Colubridae	A*
1148d	750fr	Gans's Egg Eater, <i>Dasypeltis gansi</i>	Colubridae	A*
1148	3000fr	Sheet of four (Snakes)		
1171	2500fr	Serrated Hinged Terrapin, <i>Pelusios sinuatus</i>	Pelomedusidae	A*
1172	2500fr	Nile Crocodile, <i>Crocodylus niloticus</i>	Crocodylidae	A*
1173	2500fr	Small-scaled Burrowing Asp, <i>Atracaspis microlepidota</i>	Atractaspididae	A*

PALAU**2012 January 2** (Lizards of Palau)

1080a	98c	Snake-eyed Skink, <i>Cryptoblepharus</i> sp.	Scincidae	A*
1080b	98c	Solomon Islands Skink, <i>Corucia zebrata</i>	Scincidae	A*
1080c	98c	Vanuatu Gecko, <i>Lepidodactylus buleli</i>	Gekkonidae	A*
1080d	98c	White-bellied Skink, <i>Emoia cyanura</i>	Scincidae	A*
1080	392c	Sheet of four (Sc#1080a–d)		
1081a	98c	Emerald Tree Skink, <i>Lamprolepis smaragdina</i>	Scincidae	A*
1081b	98c	Common Dwarf Gecko, <i>Hemiphyllodactylus typus</i>	Gekkonidae	A*
1081c	98c	Mourning Gecko, <i>Lepidodactylus lugubris</i>	Gekkonidae	A*
1081d	98c	Moth Skink, <i>Lipinia noctua</i>	Scincidae	A*
1081	392c	Sheet of four (Sc#1081a–d)		
1082	SS \$2.50	White-line Gecko, <i>Gekko vittatus</i>	Gekkonidae	A*
1083	SS \$2.50	Mangrove Monitor, <i>Varanus indicus</i>	Varanidae	A*

PAPUA NEW GUINEA**2012 August 1** (New Year 2013: Year of the Snake)

1648	1.2k	Stylized snake (with Papua & PRC flags, pink)		S
1649	1.2k	Stylized snake (with Papua & PRC flags, blue)		S
1650	6k	Stylized snake (with Papua & PRC flags, yellow-orange)		S
1651	8k	Stylized snake (with Papua & PRC flags, green)		S
1652a	1.2k	Stylized snake (with Papua & PRC flags, green)		S
1652b	1.2k	Stylized snake (with Papua & PRC flags, yellow-orange)		S
1652c	6k	Stylized snake (with Papua & PRC flags, pink)		S
1652d	8k	Stylized snake (with Papua & PRC flags, blue)		S
1652	16.4k	Sheet of four (Sc#1652a–d)		
1653	SS 10k	Stylized snake (with Papua & PRC flags, blue)		S

PHILIPPINES**2012 December 12** (New Year 2013: Year of the Snake)

3456	10p	Stylized snake head		S
3457	30p	Stylized snake coiled		S
3457a	80p	SS of four (2×Sc#3456–57)		

ST. MARTIN**2012 June 13** (Indonesia 2012 Intl. Stamp Exhibition)

28b	300c	Komodo Dragon, <i>Varanus komodoensis</i>	Varanidae	A*
28	820c	Vert strip of three (Sc#28a–c se-tenant)		

ST. THOMAS & PRINCE ISL. 2008 February 4 (Reptiles & Amphibians)

1793a	5000d	False Smooth Snake, <i>Macroprotodon cucullatus</i>	Colubridae	A*
1793b	5000d	Royal Python, <i>Python regius</i>	Pythonidae	A*
1793c	5000d	Puff Adder, <i>Bitis arietans</i>	Viperidae	A*
		Rhinoceros Viper, <i>Bitis nasicornis</i>	Viperidae	A*
1793d	70000d	Western Green Mamba, <i>Dendroaspis viridis</i>	Elapidae	A*
1793	85000d	Sheet of four (Sc#1793a–d se-tenant)		
1794a	5000d	Spectacled Caiman, <i>Caiman crocodilus</i>	Alligatoridae	A*
1794b	5000d	American Crocodile, <i>Crocodylus acutus</i>	Crocodylidae	A*
1794c	5000d	Nile Crocodile, <i>Crocodylus niloticus</i>	Crocodylidae	A*
1794d	70000d	Broad-snouted Caiman, <i>Caiman latirostris</i>	Alligatoridae	A*
1794	85000d	Sheet of four (Sc#1794a–d se-tenant)		
1795a	5000d	U/I frog (blue-green background)		A*
1795b	5000d	U/I frog (yellow-orange background)		A*
1795c	5000d	U/I frog (red-orange background)		A*
1795d	70000d	U/I frog (blue background)		A*
1795	85000d	Sheet of four (Sc#1795a–d se-tenant)		
1821	SS 95000d	Dwarf Crocodile, <i>Osteolaemus tetraspis</i>	Crocodylidae	A*
1822	SS 95000d	Barking Tree Frog, <i>Hyla gratiosa</i>	Hylidae	A*
		Paradoxical Frog, <i>Pseudis paradoxa</i>	Hylidae	A*

2008 July 17 (Animals on World Banknotes)

1871a	15000d	Aruba Rattlesnake, <i>Crotalus durissus unicolor</i> (Aruba 25florin)	Viperidae	B
1871	100000d	Sheet of four (Sc#1871a–d se-tenant)		

2009 April 15 (Surcharges & Overprints)

1984	(8000d)	Stylized snake (asklepian) (Sc#714 surch/ovpt “2008/LOCAL até 20 g”)		S
1991	(8000d)	Stylized snake (asklepian) (Sc#717 surch/ovpt “2008/LOCAL até 20 g”)		S
1992	(8000d)	Stylized snake (asklepian) (Sc#718 surch/ovpt “2008/LOCAL até 20 g”)		S
2011	(14000d)	Stylized snake (asklepian) (Sc#714 surch/ovpt “2008/ZONA 1 até 20 g”)		S
2018	(14000d)	Stylized snake (asklepian) (Sc#717 surch/ovpt “2008/ZONA 1 até 20 g”)		S
2019	(14000d)	Stylized snake (asklepian) (Sc#718 surch/ovpt “2008/ZONA 1 até 20 g”)		S
2038	(14000d)	Stylized snake (asklepian) (Sc#714 surch/ovpt “2008/ZONA 2 até 20 g”)		S
2045	(14000d)	Stylized snake (asklepian) (Sc#717 surch/ovpt “2008/ZONA 2 até 20 g”)		S
2046	(14000d)	Stylized snake (asklepian) (Sc#718 surch/ovpt “2008/ZONA 2 até 20 g”)		S
2065	(14000d)	Stylized snake (asklepian) (Sc#714 surch/ovpt “2008/ZONA 3 até 20 g”)		S
2072	(14000d)	Stylized snake (asklepian) (Sc#717 surch/ovpt “2008/ZONA 3 até 20 g”)		S
2073	(14000d)	Stylized snake (asklepian) (Sc#718 surch/ovpt “2008/ZONA 3 até 20 g”)		S

2009 May 29 (Souvenir Sheet)

2117	95000d	King Cobra, <i>Ophiophagus hannah</i>	Elapidae	A*
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2009 July 30 (African Animals & Steam Locomotives)

2164a	30000d	Nile Crocodile, <i>Crocodylus niloticus</i>	Crocodylidae	A*
2164	120000d	Sheet of four (Sc#2164a–d se-tenant)		

2009 October 25 (surch/ovpt “LOCAL até 20g”)

2199	(8000d)	Olive Ridley Sea Turtle, <i>Lepidochelys olivacea</i> (on Sc#1400)	Cheloniidae	A*
2200	(8000d)	Olive Ridley Sea Turtle, <i>Lepidochelys olivacea</i> (on Sc#1401)	Cheloniidae	A*
2201	(8000d)	Olive Ridley Sea Turtle, <i>Lepidochelys olivacea</i> (on Sc#1403)	Cheloniidae	A*

ST. VINCENT		2013 February 28 (Coral Reefs)		
3843a	\$3.50	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A*
3843	\$14	Sheet of four (Sc#3843a–d se-tenant)		
3844	SS \$9	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A*
SERBIA		2013 February 8 (New Year 2013: Year of the Snake)		
614	22d	Stylized snake (with lotus flower)		S
615	46d	Stylized snake		S
SIERRA LEONE		2012 July 25 (Beijing 2012 Intl Stamp Exhibition)		
3125f	15000L	Stylized snake		S
3125	180000L	Sheet of 12 (Sc#3125a–l se-tenant) (Chinese Zodiac Animals)		
SINGAPORE		2013 January 4 (New Year 2013: Year of the Snake)		
1588	(26c)	Stylized snake facing right (perf 12¾)		S
1589	65c	Stylized snake facing left (perf 12¾)		S
1590	\$1.10	Stylized snakes (perf 13)		S
1591a	\$5	Stylized snake facing right (perf 13×13¼)		S
1591b	\$10	Stylized snake facing left (perf 13×13¼)		S
1591	\$15	SS of two (Sc#1591a–b)		
1592	(26c)	Stylized snake facing right (self-adhesive) (die cut 13¾×13½)		S
SWITZERLAND		2013 May 7 (2013 Venice Art Biennale)		
1485	100c	Stylized snake sculpture by Valentin Carron		S
		2013 May 7 (Local Museum Exhibits)		
B757	85c+40c	Stylized wax toad (Fram Museum. Einsiedeln)		S
TANZANIA		2011 February 22 (Wonders of Zanzibar)		
2598	400sh	Aldabra Giant Tortoise, <i>Aldabrachelys gigantea</i>	Testudinidae	A*
TONGA		2013 February 20 (New Year 2013: Year of the Snake)		
1196a	2.45pa	Stylized snake (olive-green with yellow underside)		S
1196b	2.45pa	Stylized snake (red-brown with green underside)		S
1196c	2.45pa	Stylized snake (yellow-green with orange-red underside)		S
1196d	2.45pa	Stylized snake (purple with yellow-green underside)		S
1196	9.80pa	SS of four (Sc#1196a–d)		
		2013 February 21 (Endangered Turtles)		
1197a	4pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (head close-up)	Cheloniidae	A*
1197b	4pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (in water)	Cheloniidae	A*
1197c	4pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (underside)	Cheloniidae	A*
1197d	4pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (with man)	Cheloniidae	A*
1197	16pa	Horiz strip of four (white background)		
1198a	5pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (left side)	Cheloniidae	A*
1198b	5pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (underside)	Cheloniidae	A*
1198c	5pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (on beach)	Cheloniidae	A*
1198d	5pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (front view)	Cheloniidae	A*
1198	20pa	Horiz strip of four (white background)		
1199a	4pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (head close-up)	Cheloniidae	A*
1199b	4pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (in water)	Cheloniidae	A*
1199c	4pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (underside)	Cheloniidae	A*
1199d	4pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (with man)	Cheloniidae	A*
1199	16pa	MS of four (colored background)		

TONGA (continued)		2013 February 21 (Endangered Turtles)		
1200a	5pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (left side)	Cheloniidae	A*
1200b	5pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (underside)	Cheloniidae	A*
1200c	5pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (on beach)	Cheloniidae	A*
1200d	5pa	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i> (front view)	Cheloniidae	A*
1200	20pa	MS of four (colored background)		
TONGA (Niufo'ou)		2013 February 20 (New Year 2013: Year of the Snake)		
293a	2.45pa	Stylized snake (red with yellow-green spots)		S
293b	2.45pa	Stylized snake (dark green with blue spots)		S
293c	2.45pa	Stylized snake (purple with green spots)		S
293d	2.45pa	Stylized snake (yellow-green with green spots)		S
293	9.80pa	SS of four (Sc#293a–d)		
UKRAINE		2012 December 17 (Frogs and Toads)		
906a	2h	Common Toad, <i>Bufo bufo</i>	Bufoidea	A*
906b	2h	Yellow-Bellied Toad, <i>Bombina variegata</i>	Bombinatoridae	A*
906c	4.3h	European Green Toad, <i>Bufo viridis</i>	Bufoidea	A*
906d	5.4h	Common Spadefoot, <i>Pelobates fuscus</i>	Pelobatidae	A*
906e	5.4h	Common Frog, <i>Rana temporaria</i>	Ranidae	A*
906	19.1h	MS of five (se-tenant)		
UNITED ARAB EMIRATES		2012 November 1 (Snakes)		
1061a	1d	Arabian Horned Viper, <i>Cerastes gasperettii</i>	Viperidae	A*
1061b	150f	Carpet Viper, <i>Echis carinatus</i>	Viperidae	A*
1061c	3d	Arabian Rearfang, <i>Malpolon moilensis</i>	Colubridae	A*
1061d	4d	Sochurek's Saw-scaled Viper, <i>Echis carinatus sochureki</i>	Viperidae	A*
1061e	550f	Sand Boa, <i>Eryx jayakari</i>	Boidae	A*
1061	15d	Vert strip of five (se-tenant)		
1062	25d	SS with all snakes above plus five labels		
URUGUAY		2012 August 31 (Uruguayan Fauna)		
2383b	12p	Broad-snouted Caiman, <i>Caiman latirostris</i>	Alligatoridae	A*
2383d	12p	Cururu Toad, <i>Rhinella schneideri</i>	Bufoidea	A*
2383	48p	Block of four (Sc#2383a–d se-tenant)		



ENTOMOLOGY

Editor

Donald P. Wright, Jr., BU243



New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	
AUSTRALIA 2013 August 13 (Carnivorous Plants)				
a	60c	ANTS & <i>Cephalotus follicularis</i> plant	Formicidae	B
b	60c	FLY & <i>Drosera rupicola</i> plant	Diptera	B
c	60c	Plain Tiger, <i>Danaus chrysippus</i> L. & <i>Drosera lowriei</i> plant	NYM, Danainae	B
	240c	Strip of 4 (a–d)		
AZERBAIJAN 2013 January 23 (New Year 2013: Year of the Snake)				
1010a	20g	BUTTERFLY	Lepidoptera	S
1010	400g	Sheet 20 (Sc#1010a–d, 16×Sc#1010e)		
BELARUS 2013 January 31 (Red Book: Endangered Flora and Fauna)				
847a	(11300r)	SS of 2 (Sc#846–47)		
	Margin	Small Tortoiseshell, <i>Nymphalis urticae</i> L.	NYM, Nymphalinae	Z
BOSNIA & HERZEGOVINA 2013 March 15 (New Data)				
a	2.50m	Common Field Grasshopper, <i>Chorthippus brunneus</i> Thunberg	ACR, Gomphocerinae	A
b	2.50m	<i>Lyristes linnei</i> Smith & Grossbeck	CICA, Cicadinae	A
BRUNEI 2012 December 24				
	10c	Raja Brooke's Birdwing, <i>Troides brookiana</i> Wallace	PAP, Papilioninae	A
	20c	Lesser Zebra, <i>Graphium macareus</i> Godart	PAP, Papilioninae	A
	\$1	Malayan Zebra, <i>Graphium delessertii</i> Guérin-Ménéville	PAP, Papilioninae	A
	\$2	Tailed Jay, <i>Graphium agamemnon</i> L.	PAP, Papilioninae	A
2013 February 28				
	10c	Great Helen, <i>Papilio sataspes</i> C&R Felder (Cap: <i>P. iswara</i>)	PAP, Papilioninae	A
	20c	Wood Nymph, <i>Ideopsis juvena kinitis</i> Fruhstorfer	NYM, Danainae	A
	\$1	Black (Wise) Rajah, <i>Charaxes solon</i> Fabr.	NYM, Charaxinae	A
	\$2	Lime Butterfly, <i>Papilio demoleus</i> L.	PAP, Papilioninae	A
BURKINA FASO 2010 October 15 (World Health Day: Campaign against Malaria)				
1328	160fr	<i>Anopheles gambiae</i> Giles	CUL, Anophelinae	A
CANADA 2013 April 22 (Pet Adoption)				
2636c	(63c)	Dog with squirrel & BUTTERFLY	Lepidoptera	S
2636	Margin	MS of 5 (Sc#2636a–e) BUTTERFLY	Lepidoptera	S
2639	(63c)	Like Sc#2636c, s/a bklt format	Lepidoptera	S
2641a		Bklt pane 10 (2×Sc#2637–41)		

CHAD**2012 (Butterflies) (Stamperija)**

a	750fr	Crimson-Speckled Moth, <i>Utetheisa pulchella</i> L.	ARC, Arctiinae	A
b	750fr	Southern Atlas Moth, <i>Epiphora bauhiniae</i> Guérin-Méneville	SAT, Saturniinae	A
c	750fr	Dot Underwing, <i>Eudocima materna</i> L.	NOC, Calpinae	A
d	750fr	Speckled Emperor, <i>Gyanisa maja</i> Klug	SAT, Saturniinae	A
	3000fr	MS of 4 (a–d)		
	Margin	Corners: Southern Atlas, <i>Epiphora bauhiniae</i> Guérin-Méneville	SAT, Saturniinae	Z
(a)	SS 750fr	Crimson-Speckled Moth, <i>Utetheisa pulchella</i> L.	ARC, Arctiinae	A
	Margin	UR: Crimson-Speckled Moth, <i>Utetheisa pulchella</i> L.	ARC, Arctiinae	Z
		LR: Crimson-Speckled Moth, <i>Utetheisa pulchella</i> L. (larva)	ARC, Arctiinae	Z
		ML: <i>Phymateus</i> sp.	PYRG, Pyrgomorphinae	Z
(b)	SS 750fr	Southern Atlas Moth, <i>Epiphora bauhiniae</i> Guérin-Méneville	SAT, Saturniinae	A
	Margin	UR: Southern Atlas, <i>Epiphora bauhiniae</i> Guérin-Méneville	SAT, Saturniinae	Z
		LR: Tsetse, <i>Glossina morsitans</i> Westwood	Glossinidae	Z
		ML: Plain Tiger, <i>Danaus chrysippus</i> L.	NYM, Danainae	Z
		Bot: Southern Atlas, <i>Epiphora bauhiniae</i> Guér. (larva)	SAT, Saturniinae	Z
(c)	SS 750fr	Dot Underwing, <i>Eudocima materna</i> L.	NOC, Calpinae	A
	Margin	UR: Dot Underwing, <i>Eudocima materna</i> L.	NOC, Calpinae	Z
		LR: Zebra White, <i>Pinacopteryx eriphia</i> Godart	PIE, Pierinae	Z
		LL: BEETLE	Buprestidae	Z
(d)	750fr	Speckled Emperor, <i>Gyanisa maja</i> Klug	SAT, Saturniinae	A
	Margin	UR: Speckled Emperor, <i>Gyanisa maja</i> Klug (larva)	SAT, Saturniinae	Z
		LR: Speckled Emperor, <i>Gyanisa maja</i> Klug	SAT, Saturniinae	Z
		ML: African Armored Ground Cricket, <i>Acanthopplus longipes</i> Charpentier	TET, Hetrodinae	Z
	3000fr	SS of 4 (a–d)		
	Margin	UR: Vine Leaf Vagrant, <i>Eronia cleodora</i> Hübner	PIE, Pierinae	Z
		MR: <i>Agelia lordi</i> Walker	BUP, Chrysochroinae	Z

CHINA (Taiwan)**2013 March 20 (Qing Dynasty Embroidery: Bird)**

4100	SS \$100	Margin: BUTTERFLY	Lepidoptera	S
		on SILK-faced paper from Silkworm, <i>Bombyx mori</i> L.	Bombycidae	R

2013 August 28

\$5	<i>Parandra lanyuana</i> Hayashi	CER, Parandrinae	A
\$5	<i>Bunothorax takasagoensis</i> Kano	CER, Cerambycinae	A
\$10	<i>Oplatocera mandibulata</i> Miwa & Mitono	CER, Cerambycinae	A
\$25	<i>Cyrtoclytus kusamai</i> Niisato	CER, Cerambycinae	A

COLOMBIA**2012 August 23 (Rafael Pombo author) (no insect on stamp)**

1379	2100p	Tab: Two stylized BUTTERFLIES, “El Niño y la Mariposa”	Lepidoptera	S
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CONGO DEM. REPUBLIC**2012 (Butterflies & Their Caterpillars) (Stamperija)**

Set of four stamps in sheets of four with images of each of the four species in each corner, plus SS of 1 for each individual stamp and SS of 4 including all stamps.

a	1000fr	Fiery Acraea, <i>Acraea acrita</i> Hewitson	NYM, Heliconiinae	A
b	1000fr	African Moon Moth, <i>Argema mimosae</i> Boisduval	SAT, Saturniinae	A
c	1000fr	Puss Moth, <i>Cerura vinula</i> L.	NOT, Stauropinae	A
d	1000fr	Io Moth, <i>Automeris io</i> Fabr.	SAT, Hemileucinae	A
	4000fr	SS of 4 (a–d)		
	Margin	UR: Variable Prince, <i>Holocerina smilax</i> Westwood	SAT, Ludiinae	Z
		LR: Common Emperor, <i>Bunaea alcinoe</i> Stoll	SAT, Saturniinae	Z

CONGO DEM. REPUBLIC (cont) 2012

(a)	SS 1000fr	Fiery Acraea, <i>Acraea acrita</i> Hewitson	NYM, Heliconiinae	A
	Margin	UR: Oleander Hawk-moth, <i>Daphnis nerii</i> L. (larva)	SPH, Macroglossinae	Z
		MR: Oleander Hawk-moth, <i>Daphnis nerii</i> L.	SPH, Macroglossinae	Z
		LR: Plain Tiger, <i>Danaus chrysippus</i> L. (larva)	NYM, Danainae	Z
		LL: Plain Tiger, <i>Danaus chrysippus</i> L.	NYM, Danainae	Z
(b)	SS 1000fr	African Moon Moth, <i>Argema mimosae</i> Boisduval	SAT, Saturniinae	A
	Margin	UR: Roseate Emperor Moth, <i>Eochroa trimeni</i> Felder (larva)	SAT, Saturniinae	Z
		MR: Roseate Emperor Moth, <i>Eochroa trimeni</i> Felder	SAT, Saturniinae	Z
		LR: Cat's Eyed Emperor, <i>Aurivillius arata</i> Westwood (larva)	SAT, Saturniinae	Z
		LL: Cat's Eyed Emperor, <i>Aurivillius arata</i> Westwood ♂	SAT, Saturniinae	Z
(c)	SS 1000fr	Puss Moth, <i>Cerura vinula</i> L.	NOT, Stauropinae	A
	Margin	UR: U/I sp. (larva)	NOC	U Z
		MR: U/I sp.	NOC	U Z
		LR: White-ringed Atlas, <i>Epiphora mythimnia</i> Westwood	SAT, Saturniinae	Z
		LL: White-ringed Atlas, <i>Epiphora mythimnia</i> Westwood (larva)	SAT, Saturniinae	Z
(d)	SS 1000fr	Io Moth, <i>Automeris io</i> Fabr.	SAT, Hemileucinae	A
	Margin	UR: <i>Imbrasia wahlbergi</i> Boisduval (larva)	SAT, Saturniinae	Z
		MR: <i>Imbrasia epimethea</i> Drury (larva)	SAT, Saturniinae	Z
		LR: <i>Imbrasia wahlbergi</i> Boisduval	SAT, Saturniinae	Z
		LL: <i>Imbrasia epimethea</i> Drury	SAT, Saturniinae	Z

CONGO PEOPLE'S REPUBLIC 2013 (Butterflies I) (Stamperija)

Each MS of I-IV contains parts of the same ~75 butterfly species in the margins. Each stamp apparently also exists in a deluxe sheet of one.

a	300fr	U/I BUTTERFLY	Nymphalidae	A
b	500fr	U/I BUTTERFLY	Nymphalidae	A
c	750fr	Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	A
d	1000fr	Scarlet Mormon, <i>Papilio deiphobus rumanzovia</i> Eschscholtz	PAP, Papilioninae	A

2013 (Butterflies II) (Stamperija)

a	300fr	Question Mark, <i>Nymphalis interrogationis</i> Fabr.	NYM, Nymphalinae	A
b	500fr	Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	A
c	750fr	Large Blue, <i>Maculinea arion</i> L.	LYC, Polyommatae	A
d	1000fr	Pipevine Swallowtail, <i>Battus philenor</i> L.	PAP, Papilioninae	A

2013 (Butterflies III) (Stamperija)

a	300fr	?Common Blue, <i>Polyommatus icarus</i> Rottemburg ♀	LYC, Polyommatae	A
b	500fr	Common Buckeye, <i>Junonia coenia</i> Hübner	NYM, Nymphalinae	A
c	750fr	Eastern Tiger Swallowtail, <i>Papilio glaucus</i> L. ♀	PAP, Papilioninae	A
d	1000fr	Mexican Bluewing, <i>Myscelia ethusa</i> Boisduval	NYM, Biblidinae	A

2013 (Butterflies IV) (Stamperija)

a	300fr	Common Morpho, <i>Morpho helenor peleides</i> Kollar	NYM, Morphinae	A
b	500fr	Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	A
c	750fr	?Common Blue, <i>Polyommatus icarus</i> Rottemburg ♂	LYC, Polyommatae	A
d	1000fr	Blue Pansy, <i>Junonia oenone</i> L.	NYM, Nymphalinae	A

CUBA**2012 October 12 (Myths & Legends)**

65c	Mangrove Skipper, <i>Phocides pigmalion</i> Cramer	HES, Pyrginae	A
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FINLAND (Åland)**2013 August 20 (SEPAC/Wildlife)**

(€1.10)	Peacock, <i>Nymphalis io</i> L.	NYM, Nymphalinae	A
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THE GAMBIA**2013 (African Bees)**

a	35d	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
b	35d	Honeybee, <i>Apis mellifera intermissa</i> Maa	API, Apinae	A
c	35d	African Honeybee, <i>Apis mellifera scutellata</i> Lepeletier	API, Apinae	A
d	35d	Moroccan Honeybee, <i>Apis mellifera sahariensis</i> Baldensperger	API, Apinae	A
	SS 110d	Moroccan Honeybee, <i>Apis mellifera sahariensis</i> Baldensperger	API, Apinae	A

GREAT BRITAIN**2013 June 25 (Thanks to José Reis)**

various		Two-spotted Great Red Sedge, <i>Phryganea bipunctata</i> Retzius	Phryganeidae, Phryganeinae	
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2013 July 11

a	(60p)	Eurasian Comma, <i>Nymphalis c-album</i> L.	NYM, Nymphalinae	A
b	(60p)	Orange Tip, <i>Anthocharis cardamines</i> L. ♂	PIE, Pierinae	A
c	(60p)	Small Copper, <i>Lycaena phlaeas</i> L.	LYC, Lycaeninae	A
d	(60p)	Chalkhill Blue, <i>Polyommatus coridon</i> Poda ♂	LYC, Polyommatinae	A
e	(60p)	Old World Swallowtail, <i>Papilio machaon</i> L.	PAP, Papilioninae	A
f	(60p)	Purple Emperor, <i>Apatura iris</i> L.	NYM, Apaturinae	A
g	(60p)	Marsh Fritillary, <i>Euphydryas aurinia</i> Rottemburg	NYM, Nymphalinae	A
h	(60p)	Brimstone, <i>Gonepteryx rhamni</i> L.	PIE, Coliadinae	A
i	(60p)	Red Admiral, <i>Vanessa atalanta</i> L.	NYM, Nymphalinae	A
j	(60p)	Marbled White, <i>Melanargia galathea</i> L.	NYM, Satyrinae	A
k	(360p)	Bklt pane of b & d plus four QE II (60p) definitives		

GREAT BRITAIN (Alderney)**2013 February 20 (Corrections)**

460	52p	Burying Beetle, <i>Nicrophorus vestigator</i> Herschel	SIL, Nicrophorinae	A
464	74p	Oil Beetle, <i>Meloe proscarabaeus</i> L.	MEL, Meloinae	A

GUINEA**1998 May 1 (New Data)**

1428	450fr	Caribbean Skipper, <i>Pyrrhocalles antiqua antiqua</i> Herrich-Schaeffer HES, Hesperinae		A
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1998 July 15 (Correction)

	450fr	U/I BEETLE (Misabeled: <i>Meloe proscarabactus</i>)	Coleoptera	U
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2013 April 30 (Scouts & Butterflies)

a	10000fr	Dark Grass Blue, <i>Zizeeria knysna</i> Trimen	LYC, Polyommatinae	B
b	15000fr	Green Birdwing, <i>Troides priamus poseidon</i> Doubleday ♀	PAP, Papilioninae	B
c	20000fr	Blue Triangle, <i>Graphium sarpedon</i> L.	PAP, Papilioninae	B
	45000fr	MS of 3 (a–c)		
	SS 40000fr	Chain Swordtail, <i>Graphium aristeus</i> Stoll	PAP, Papilioninae	B
	Margin	Top: U/I BUTTERFLY	Nymphalidae	Z

GUINEA-BISSAU**2012 December 30 (50th Anniv of Anti-Malaria Campaign) (Stamperija)**

MS of four stamps and SS all contain images of stamps issued for the 1962 World Anti-Malaria Campaign with image of *Anopheles* sp.

a	850fr	Tanzania (#368), Macao (#400), & Hungary (#1461) s-o-s	CUL, Anophelinae	B
b	850fr	Nepal (#135), Sudan (#142), & Iran (#1204) s-o-s	CUL, Anophelinae	B
c	850fr	Iran (#1206), Colombia (#C428), & Kuwait (#183) s-o-s	CUL, Anophelinae	B
d	850fr	Spain (#1152), Saudi Arabia (#253), & Senegal (#B16) s-o-s	CUL, Anophelinae	B
	3400fr	MS of 4 (a–d)		
	SS 3200fr	Angola (#439) & Ethiopia (#383) s-o-s & <i>Anopheles</i> sp.	CUL, Anophelinae	B
	Margin	Nepal (#136) & Surinam (#305) s-o-s & <i>Anopheles</i> sp.	CUL, Anophelinae	Z

GUINEA-BISSAU (continued)		2013 March 25 (Stamperija)		
a	600fr	Split-banded Owlet, <i>Opsiphanes cassina</i> C&R Felder (w/ larva)	NYM, Morphinae	A
b	600fr	Green-banded Urania, <i>Urania leilus</i> L. (w/ larva)	URA, Uraniinae	A
c	600fr	Purple Emperor, <i>Apatura iris</i> L. (w/ larva)	NYM, Apaturinae	A
d	600fr	Zebra, <i>Protographium marcellus</i> Cramer (Cap: <i>Eurytides m.</i>)	PAP, Papilioninae	A
e	600fr	Two Tailed Pasha, <i>Charaxes jasius</i> L. (w/ larva)	NYM, Charaxinae	A
	3000fr	MS of 5 (a–e)		
Margin		UL: Common Morpho, <i>Morpho helenor peleides</i> Kollar	NYM, Morphinae	Z
		UR: <i>Caerois chorinaeus</i> Fabr.	NYM, Morphinae	Z
SS 2400fr		Anchises Cattleheart, <i>Parides anchises</i> L.	PAP, Papilioninae	A
Margin		UL: Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	Z
		ML: Red Cracker, <i>Hamadryas amphinome mexicana</i> Lucas	NYM, Biblidinae	Z
		LL: New Guinea Birdwing, <i>Troides priamus urvillianus</i> Guér.	PAP, Papilioninae	Z
		UR: Mocker, <i>Papilio dardanus ochraceana</i> Vane-Wright ♂	PAP, Papilioninae	Z
		Bot: U/I larva	Lepidoptera	Z
GUYANA		2012-13?		
4188	\$20 on 10c	Cattleheart White, <i>Archonias brassolis</i> Fabr. (Sc#280 surch)	PIE, Pierinae	A
4189	\$20 on 25c	Bates Olivewing, <i>Nessaea batesii</i> Felder (Sc#283 surch)	NYM, Biblidinae	A
		2013 April 3 (World Environment Day: Ocean Fauna)		
	3×\$275	MS of 3 arc-shaped stamps plus circular label		
Margin		Stylized BUTTERFLY silhouettes		S
		2013		
a	\$150	Queen, <i>Danaus gilippus berenice</i> Cramer ♂	NYM, Danainae	A
b	\$150	Large Tiger, <i>Lycorea halia cleobaea</i> Godart	NYM, Danainae	A
c	\$150	<i>Hypothyris lycaste</i> Fabr.	NYM, Danainae	A
d	\$150	Queen, <i>Danaus gilippus thersippus</i> Bates ♂	NYM, Danainae	A
e	\$150	Monarch, <i>Danaus plexippus</i> L. ♀	NYM, Danainae	A
f	\$150	Antillean Snout, <i>Libytheana fulvescens</i> Lathy	NYM, Libytheinae	A
JAPAN		2013 May 23 (Rare Flora & Fauna) (Set of 5)		
d	80¥	<i>Neolucanus insulicola</i> Kurosawa	LUC, Lucaninae	A
		2013 June 4 (Animation Heroes: Doraemon)		
a & b	2×80¥	Characters shown as BUTTERFLIES		S
	800¥	MS of 10 (a–j)		
		2013 June 21 (Summer Greetings: Hello Kitty)		
f	50¥	Western Honeybee, <i>Apis mellifera</i> L. (Kitty watering flowers)	API, Apinae	S
	500¥	MS of 10 (a–j)		
		2013 July 23 (Letter Writing Day) (Set of 5 & MS of 10)		
	50¥	Public mail box & BUTTERFLY net		R
b	80¥	Public mail box & BUTTERFLY net		R
	800¥	MS of 10 (a–j)		
MALAYSIA		2013 May 13 (Wonders of Malaysian Forests) (Three MS of 5×\$1)		
[MS1]	Margin	LL: CRICKET	Gryllidae	Z
[MS2]	e	\$1 Trilobite Beetle, <i>Duliticola hoiseni</i> Wong	Lycidae, Leptolycinae	A
[MS3]	d	\$1 <i>Deroplatys truncata</i> Guérin-Ménéville	MAN, Deroplatyinae	A
[MS3]	e	\$1 Violin Beetle, <i>Mormolyce phyllodes</i> Hagenbach	CAR, Lebiinae	A

MARSHALL ISLANDS		2012 June 18 (Birds) (New Data)			
1034j	45c	Monarch, <i>Danaus plexippus</i> L.		NYM, Danainae	B
		2013 March 27 (Cats)			
b	33c	Cat, basket, & GRASSHOPPER		Acrididae	C
f	33c	Cats & BUTTERFLY		Lepidoptera	C
MONACO		2013 June 5 (Species Discovery in Monaco)			
2728	€1	Monegasque Weevil, <i>Otiorhynchus monoecirupes</i> Lemaire		CUR, Entiminae	A
MONTENEGRO		2013 March 15			
	80c	Apollo, <i>Parnassius apollo</i> L.		PAP, Papilioninae	A
MOZAMBIQUE		2012 October 30 (Henry John Elwes) (Stamperija) (Corrections)			
2727a	16m	Monarch, <i>Danaus plexippus</i> L. (false color green!)		NYM, Danainae	A
2727b	16m	Broad-banded Swallowtail, <i>Papilio astyalus</i> Godart		PAP, Papilioninae	A
2727c	16m	Blue Morpho, <i>Morpho menelaus</i> , L.		NYM, Morphinae	A
2727d	16m	Blue Pansy, <i>Junonia oenone</i> L.		NYM, Nymphalinae	A
2727e	16m	Blue Morpho, <i>Morpho menelaus</i> L.		NYM, Morphinae	A
2727f	16m	Monarch, <i>Danaus plexippus</i> L.		NYM, Danainae	A
2757	SS 175m	Stylized fabricated BUTTERFLY (like <i>Troides</i> sp.) (all red)		PAP, Papilioninae	S
	Margin	ML: Monarch, <i>Danaus plexippus</i> L. ♀		NYM, Danainae	Z
		UR: Stylized fabricated BUTTERFLY (like <i>Troides</i> sp.)		PAP, Papilioninae	S Z
		MR: Blue Glassy Tiger, <i>Ideopsis vulgaris</i> Butler		NYM, Danainae	Z
		LR: Cramer's Blue Morpho, <i>Morpho rhetenor</i> Cramer		NYM, Morphinae	Z
		2013 February 20 (50th anniv of Anti-Malaria Campaign) (Stamperija)			
a	16m	Ghana & Brazil s-o-s & <i>Anopheles funestus</i> Giles		CUL, Anophelinae	B
b	16m	2×Syria s-o-s (with child)		CUL, Anophelinae	S
c	92m	2×Tunisia s-o-s (with child)		CUL, Anophelinae	S
d	92m	2×Congo s-o-s & <i>Anopheles</i> sp.		CUL, Anophelinae	B
	216m	MS of 4 (a–d)			
	SS 175m	2×Ryukyus s-o-s (with map of Africa)		CUL, Anophelinae	S
NAMIBIA		2013 April 5 (Namibian Beetles)			
1259	(\$3.10)	Glittering Jewel Beetle, <i>Acmaeodera viridaenea</i> DeGeer		BUP, Acmaeoderinae	A
1260	\$5.10	Red-spotted Lily Weevil, <i>Brachycerus ornatus</i> Westwood		CUR, Brachycerinae	A
1261	\$5.50	Garden Fruit Chafer, <i>Pachnoda sinuata</i> Fabr.		SCA, Cetoniinae	A
1262	\$6.90	Lunate Ladybird, <i>Cheilomenes lunata</i> Fabr.		COC, Coccinellinae	A
1263	(\$26.50)	Two-spotted Ground Beetle, <i>Anthia omoplata</i> Lequien		CAR, Anthiinae	A
NETHERLANDS		2013 March 25 (Reopening of the Rijksmuseum) (MS of 10)			
	Margin	<i>Acraea</i> sp. (from ptg by Pieter Withoos)		NYM, Heliconiinae	Z
NEVIS		2012 November 28 (New Data)			
1719f	\$2.50	East Caribbean Skipper, <i>Pyrrhocalles antiqua orientis</i> Skinner		HES, Hesperinae	A
		2013 (Bees of the Caribbean)			
a	\$4	<i>Bicyrtes quadrifasciatus</i> Say		CRA, Bembicinae	A
b	\$4	Western Sand Wasp, <i>Bembix americana</i> Fabr.		CRA, Bembicinae	A
c	\$4	<i>Ammophila apicalis</i> Guérin-Ménéville		SPHE, Ammophilinae	A
d	\$4	<i>Ectemnius continuus</i> Fabr.		CRA, Crabroninae	A
	\$16	MS of 4 (a–d)			
	SS \$8	<i>Bicyrtes quadrifasciatus</i> Say		CRA, Bembicinae	A

NEW CALEDONIA		2013 August 8 (Birds[!])		
110fr	BUTTERFLY	with child's body	Lepidoptera	S
110fr	BEE & flower	with child's body	API, Apinae	S
NEW ZEALAND		2013 July 3 (Honey Bees)		
2469	70c	Western Honeybee, <i>Apis mellifera</i> L. (collecting nectar)	API, Apinae	A
2470	140c	Western Honeybee, <i>Apis mellifera</i> L. (at hive entrance)	API, Apinae	A
2471	190c	Western Honeybee, <i>Apis mellifera</i> L. (on honeycomb)	API, Apinae	A
2472	240c	Western Honeybee, <i>Apis mellifera</i> L. (collecting honey)	API, Apinae	A
2473	290c	Western Honeybee, <i>Apis mellifera</i> L. (harvested honeycomb)	API, Apinae	A
2473a	930c	SS of 5 (Sc#2469–73)		
PORTUGAL (Madeira)		2013 May 17 (Beekeeping)		
	36c	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	70c	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	80c	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	€1.70	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	SS €1.70	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	SS €1.90	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
ST. THOMAS & PRINCE ISLAND		2008 July 17 (Ancient Egyptian Artifacts)		
1884c	20000d	Sacred Scarab, <i>Scarabaeus sacer</i> L.	SCA, Scarabaeinae	S
1890	SS 95000d	Same, in top margin as a jewel with Eye of Ra	SCA, Scarabaeinae	S
		2009 July 1 (Malaria Prevention)		
2141a	13000d	<i>Anopheles annulipes</i> Walker	CUL, Anophelinae	A
2141b	23000d	Malaria plasmodium (with doctor and infant)		R
2141c	30000d	Malaria plasmodia (with nurse and child)		R
2141d	49000d	Malaria plasmodium (with mother and child)		R
		2013 May 10 (Stamperija)		
a	25000d	L: Light Bush Brown, <i>Bicyclus dorothea</i> Cramer	NYM, Satyrinae	A
		R: Blue Diadem, <i>Hypolimnas salmaccis</i> Drury	NYM, Nymphalinae	A
b	25000d	L: Boisduval's Tree Nymph, <i>Sallya boisduvali</i> Wallengren	NYM, Biblidinae	A
		R: Blue Diadem, <i>Hypolimnas salmaccis</i> Drury	NYM, Nymphalinae	A
c	25000d	L: Angola White Lady, <i>Graphium angolanus baronis</i> Ungemach	PAP, Papilioninae	A
		R: Common Zebra Blue, <i>Leptotes pirithous</i> L.	LYC, Polyommatae	A
d	25000d	L: Wide-banded Commodore, <i>Precis sinuata</i> Plötz	NYM, Nymphalinae	A
		R: Coffee Playboy, <i>Deudorix lorisona</i> Hewitson	LYC, Theclinae	A
	SS 96000d	L: African Beak, <i>Libythea labdacca</i> Westwood	NYM, Libytheinae	A
		R: Veined Swordtail, <i>Graphium leonidas</i> Fabr.	PAP, Papilioninae	A
	Margin	UL: <i>Acraea alcinoe</i> C&R Felder (Cap: <i>Bematistes a.</i>)	NYM, Heliconiinae	Z
		ML: <i>Acraea jodutta</i> Fabr.	NYM, Heliconiinae	Z
		UR: African Map, <i>Cyrestis camillus</i> Fabr.	NYM, Cyrestinae	Z
		MR: Blue Leaf, <i>Junonia cymodoce</i> Cramer	NYM, Nymphalinae	Z
		LR: <i>Acraea niobe</i> Sharpe	NYM, Heliconiinae	Z
ST. VINCENT		2012 September 5 (Correction)		
3832	SS \$9	<i>Speyeria</i> sp. (Cap: <i>Phocides pigmalion</i>)	NYM, Heliconiinae	A
SIERRA LEONE		1988 (1987=perf 14, 1988=perf 12×12.5)		
871a	60L	Violet-washed Charaxes, <i>Charaxes lucretius</i> Cramer	NYM, Charaxinae	A
872a	75L	Orange Admiral, <i>Antanartia delius</i> Drury	NYM, Nymphalinae	A

SINGAPORE		2013 (Pixar Films) (Stamperija)			
	MS of 6+6 labels	“A Bug’s Life” film	Formicidae	S	
SOLOMON ISLANDS		2012 June 5 (Butterflies of the Solomon Islands) (New Data)			
SS \$27	UR:	Orchard Swallowtail, <i>Papilio aegeus aegeus</i> Donovan	PAP, Papilioninae	A	
SRI LANKA		2012 October 31 (Sri Lanka Insurance 50th Anniv)			
1860	5r	Western Honeybee, <i>Apis mellifera</i> L. (in emblem)	API, Apinae	C	
TANZANIA		2011 April 15 (Stamperija) (New Data)			
Many of this set of 11 Grasshoppers of Tanzania are mislabeled and others are dubious in appearance.					
2606	500sh	<i>Truxalis</i> sp.	ACR, Acridinae	A	
2607	700sh	<i>Acrida</i> sp. (Cap: <i>Phymateus morbillosus</i>)	ACR, Acridinae	A	
2608	800sh	Common Stick Grasshopper, <i>Acrida acuminata</i> Stål	ACR, Acridinae	A	
2609	900sh	Red Locust, <i>Nomadacris septemfasciata</i> Serville	ACR, Cyrtacanthacridinae	A	
2610a	700sh	Migratory Locust, <i>Locusta migratoria migratorioides</i> R&F	ACR, Oedipodinae	A	
2610b	700sh	Grasshopper (Cap: <i>Dictyophorus spumans</i>)	Orthoptera	A	
2610c	700sh	Grasshopper (Cap: <i>Phymateus viridipes</i>)	Orthoptera	A	
2610d	700sh	Edible Grasshopper, <i>Ruspolia nitidula</i> Scopoli	TET, Conocephalinae	A	
2610e	700sh	Grasshopper (Cap: <i>Gryllotalpa africana</i>)	Orthoptera	A	
2610f	700sh	Grasshopper (Cap: <i>Tettigonia viridissima</i>)	Orthoptera	A	
2611	600sh	Elegant Grasshopper, <i>Zonocerus elegans</i> Thunberg	PYRG, Pyrgomorphinae	A	
TOKELAU		2013 August 7 (Tokelau Butterflies)			
45c		Blue Moon, <i>Hypolimnas bolina pallelescens</i> Butler ♀	NYM, Nymphalinae	A	
\$1		Same ♂	NYM, Nymphalinae	A	
\$1.40		Common Crow, <i>Euploea lewinii</i> C&R Felder, (ssp <i>bourkei</i> of some)	NYM, Danainae	A	
\$3		Meadow Argus, <i>Junonia villida</i> Fabr.	NYM, Nymphalinae	A	
\$5.85		MS of 4			
TUVALU		2013 April 29 (Blossoming Plants of the Pacific)			
4×\$1.20		MS of 4 (beach scene)			
Margin		UL & LR: Blue Morpho, <i>Morpho menelaus</i> L. ♂	NYM, Morphinae	Z	
SS \$3.50		CTR: Autumn Leaf, <i>Doleschallia bisaltide</i> Cramer	NYM, Nymphalinae	Z	
SS \$3.50		UR: Indian Dead Leaf, <i>Kallima inachus</i> Boisduval	NYM, Nymphalinae	Z	
UKRAINE		2012 September 1 (Bountiful Ukraine: Summer) (MS of 4)			
894	Margin	ML: DRAGONFLY	Odonata	U Z	
UNITED ARAB EMIRATES		2012 October 22 (World Energy Forum)			
1057	1d	Very stylized INSECT? or BUTTERFLY? LR corner of stamp		S	
1060a	10d	SS of 4 (Sc#1057–60)			
UZBEKISTAN		2012 December 28 (Chatkal National Biosphere Reserve)			
718	800s	<i>Trichius fasciatus</i> L.	SCA, Trichiinae	A	
YEMEN		2013 January 1 (Honey)			
	70r	Honey dipper & honey from Honeybee		R	
	80r	Honey & Honeycomb		R	
	100r	3×Honeybee, <i>Apis mellifera</i> L. (with honeycomb)	API, Apinae	A	
	120r	Spoon in honey jar		R	
	SS 200r	All images from the above	API, Apinae	A	

A bit late, but here is the annual report on insect new issues. In calendar 2012, we had a slight increase over the previous year, but still far fewer than the 1996–2003 period. Local and known illegal issues are not included, nor are the many Stamperija, Ltd. issues not recognized by Scott Catalogues. The 17 year total is 7622.

1996	~400 stamps	2005	~340 stamps
1997	~595 stamps	2006	~315 stamps
1998	~625 stamps	2007	~310 stamps
1999	~665 stamps	2008	~185 stamps
2000	~825 stamps	2009	~235 stamps
2001	~955 stamps	2010	~265 stamps
2002	~610 stamps	2011	~275 stamps
2003	~455 stamps	2012	297 stamps
2004	~270 stamps		

IN MEMORIAM: FREDERICK HASTINGS RINDGE

Alan J. Hanks

A report appeared in the Summer issue of the *News of the Lepidopterists Society* that well-known lepidopterist Dr. Frederick H. Rindge had passed away in April at the age of 92. Fred had been the curator of Lepidoptera at the American Museum of Natural History in New York and was an Honorary Life Member of the Society. In 1986, he was awarded the Karl Jordan Medal for outstanding original research in lepidopterology.

In his retirement, he became an avid topical philatelist, collecting and identifying Lepidoptera stamps from all over the world. He joined the Philatelic Lepidopterists of America early in 1999, and almost immediately started a correspondence with me on “New Lep Stamps Received,” in which we exchanged views and comments on the taxonomy of newly issued butterfly and moth stamps. Needless to say, we had a few disagreements, but since Fred was a professional Lepidopterist, I usually bowed to his views of the taxonomy. This correspondence continued through to the end of 2010, when the publication of *The Philatelic Aurelian* came to an end. Nothing “bugged” (sorry) Fred and I more than incorrect identifications on issued stamps and in addition to the back and forth correspondence, Fred also wrote articles for inclusion in the journal on a number of butterfly families where identification was difficult. His presence in the fields of entomology and philately will be missed.

NEW ZEALAND POST STAMPS

Tokelau Butterflies Grace Stamps

The remote atolls of Tokelau have a small but colorful butterfly fauna of three species. These impressive butterfly species are widespread within Tokelau and across the South Pacific and are the subject of Tokelau's latest stamp issue.

All three species are attractive and relatively large, adding a colorful touch to Tokelau's wildlife. They are familiar in both the villages and the surrounding, less populated areas of the coast. The four gummed stamps in the issue feature the Blue Moon (female and male), the Common Crow, and the Meadow Argus.

The Blue Moon (*Hypolimnas bolina pallelescens*) is the most common and widespread butterfly in the tropical South Pacific. The female of the species is shown on the 45c stamp.

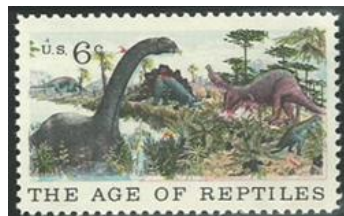
The \$1.00 stamp features the male Blue Moon. Interestingly, this species is territorial, with the male taking up a vantage point on a tree and driving off any intruder as it awaits a passing female.

The \$1.40 stamp features the Common Crow (*Euploea lewinii bourkei*), which is found across the Pacific, with eight subspecies recognized on different sets of islands. This subspecies is confined to Tokelau and American Samoa.

The Meadow Argus (*Junonia villida*) is featured on the \$3.00 stamp. It is a widespread and pretty butterfly of the tropical Pacific that was first discovered in Tonga.

The Tokelau Butterflies stamp issue includes four gummed stamps, a miniature sheet and two first day covers. It is available from 7 August 2013 from the Whanganui Collectables and Solutions Centre and online at www.nzpost.co.nz/stamps.





PALEONTOLOGY

Editor

Dr. Hans-Peter Schultze



Scott# Denom Common Name/Scientific Name Order: Family

MAMMALS

KYRGYZSTAN **2012 December 8** (Prehistoric Animals)
 425 52s Mammoth Proboscidea

FISHES

KYRGYZSTAN **2012 December 8** (Prehistoric Animals)
 423 30s Xenacanthidae Elasmobranchii

REPTILES

CENTRAL AFRICAN REPUBLIC **2012 April 25** (Dinosaurs)
 Sheet of four stamps and SS (Yvert & Tellier #2352–55, SS #452)

900fr	<i>Deinonychus</i>	Avemetatarsalia, Dromaeosauridae
900fr	<i>Anchiceratops</i>	Ornithischia, Ceratopsia
900fr	<i>Alxasaurus elesitaiensis</i>	Avemetatarsalia, Alxasauridae
900fr	<i>Edmontonia</i>	Ornithischia, Nodosauridae
SS 3000fr	<i>Troodon formosus</i>	Avemetatarsalia, Troodontidae
Margin	UR: <i>Ceratosaurus nasicornis</i>	Avemetatarsalia, Ceratosauridae
	LR: <i>Sordes pilosus</i>	Pterosauria, Rhamphorhynchidae

GUINEA **2011 October 5** (Fauna and Flora of the Dinosaur World)
 Sheet of four stamps (Michel #8299–8302)

5000fr	<i>Edmontosaurus</i>	Ornithischia, Hadrosauridae
5000fr	<i>Nomingia</i>	Saurischia, Oviraptoridae
10000fr	<i>Cryolophosaurus</i>	Avemetatarsalia, Dilophosauridae
10000fr	<i>Spinosaurus</i>	Avemetatarsalia, Megalosauria

2011 August 30 (Dinosaurs)

Sheet of five triangular stamps and SS with three triangular stamps (Michel #8602–09)

10000fr	<i>Algoasaurus</i>	Saurischia
10000fr	<i>Carcharodontosaurus</i>	Avemetatarsalia, Carnosauria
10000fr	<i>Ceratosaurus</i>	Avemetatarsalia, Ceratosauria
10000fr	<i>Deltadromeus</i>	Avemetatarsalia, Ceratosauria
10000fr	<i>Dryosaurus</i>	Ornithischia, Dryosauridae
5000fr	<i>Kentrosaurus</i>	Ornithischia, Stegosauria
15000fr	<i>Kentrosaurus</i>	Ornithischia, Stegosauria
25000fr	<i>Kentrosaurus</i>	Ornithischia, Stegosauria

GUINEA-BISSAU**2012 October 31** (Dinosaurs)

Sheet of four stamps and SS (Michel #6293–97)

850fr	<i>Allosaurus fragilis</i>	Avemetatarsalia, Carnosauria
850fr	<i>Stegosaurus</i>	Avemetatarsalia, Ornithischia
850fr	<i>Styracosaurus</i>	Ornithischia, Ceratopsia
850fr	<i>Stegosaurus</i>	Avemetatarsalia, Ornithischia
SS 3300fr	<i>Tyrannosaurus Rex</i>	Avemetatarsalia, Carnosauria

KYRGYZSTAN**2012 December 8** (Prehistoric Animals)

422	23s	<i>Kyrgyzsaurus</i>	Sauropsida, Protorosauria
424	40s	<i>Longisquama</i>	Sauropsida, Romeriida

LIBERIA**2012** (Dinosaurs)

Sheet of six stamps and SS of two stamps

\$75	<i>Albertoceratops</i>	Ornithischia, Ceratopsia
\$75	<i>Zuniceratops</i>	Ornithischia, Ceratopsia
\$75	<i>Prestosaurus</i>	Sauropsida, Protorosauria
\$75	<i>Saurolophus</i>	Ornithischia, Hadrosauridae
\$75	<i>Ampelosaurus</i>	Saurischia, Titanosauria
\$75	<i>Euoplocephalus</i>	Ornithischia, Ankylosauria
SS \$125	<i>Pachyrhinosaurus</i>	Ornithischia, Ceratopsia
SS \$125	<i>Hypsilophodon</i>	Ornithischia, Ornithopoda

NIGER**2013 April 15** (Dinosaurs)

Sheet of four stamps and SS

1193a	750fr	<i>Jobaria tiguidensis</i>	Saurischia, Sauropoda
1193b	750fr	<i>Afrovenator abakensis</i>	Avemetatarsalia, Megalosauridae
1193c	750fr	<i>Spinophorosaurus nigerensis</i>	Saurischia, Sauropoda
1193d	750fr	<i>Suchomimus tenerensis</i>	Avemetatarsalia, Spinosauridae
1218	SS 2500fr	<i>Kryptops palaios</i>	Avemetatarsalia, Abelisauridae

ST THOMAS & PRINCE IS**2011** (Flying Dinosaurs)

Sheet of two stamps

40000d	<i>Pterodactylus</i>	Pterosauria, Pterodactylidae
	<i>Anurognathus</i>	Pterosauria, Anurognathidae
40000d	<i>Pterodactylus</i>	Pterosauria, Pterodactylidae
	Pterosaur	Pterosauria, Pterodactylidae
Margin	<i>Tropeognathus</i>	Pterosauria, Ornithocheiridae
	<i>Pteranodon</i>	Pterosauria, Pteranodontidae

TURKEY**2012 June 5** (World Environment Day: Dinosaurs)

Sheet of four stamps

3312a	50k	<i>Carnotaurus</i>	Avemetatarsalia, Abelisauridae
3312b	1L	<i>Pteranodon</i>	Pterosauria, Pteranodontidae
3312c	1L	<i>Tyrannosaurus rex</i>	Avemetatarsalia, Tyrannosauridae
3312d	2L	<i>Triceratops</i>	Ornithischia, Ceratopsia

BIOLOGY REFERENCE WEB SITES

This section contains a listing of web links to on-line references relating to biology topics on stamps and general philatelic information. We are providing this information to assist members in research and not to endorse the sites listed in any way. If readers know of, or use other useful sites, please send the links to your editor and we will include them in future editions. New entries since the last publication are indicated with an asterisk (*).

STAMP ISSUES

Cyber Stamps. On-line postage stamp catalogue of worldwide topical issues.

<http://www.cyberstamps.com>

Delcampe. Worldwide listings and illustrations of stamps for sale.

<http://stamps.delcampe.net/page/category/cat,-1,language,E.html>

Neofila. Modern issues from Russia, Eastern Europe, and Baltic States.

<http://www.neofila.com/>

Stamperija. Listings and illustrations of thematic issues from countries located in Africa, Asia, and Oceania produced by Stamperija, Ltd., under contract to several postal administrations.

<http://www.stamperija.eu/index.php>

Stanley Gibbons. Searchable on-line stamp catalogue from Stanley Gibbons.

<http://www.allworldstamps.com/>

Zillions of Stamps. Worldwide listings and illustrations of stamps for sale.

<http://www.zillionsofstamps.com/>

GENERAL

Fauna-Stamps. Listings of stamps for sale (mainly new issues) on all sorts of biological themes including Cats, Dogs, Horses, Birds, Butterflies, Paleontology, Flora, and WWF animal stamps.

<http://www.fauna-stamps.com/>

Tree of Life Web Project. Worldwide collaborative effort to map the genome of every organism on earth and to establish their relationships to one another.

<http://www.tolweb.org/tree>

Zip Code Zoo. Links to taxonomic identification for all areas of biology.

<http://zipcodezoo.com/>

BOTANY

***Encyclopedia of Plants.** All kinds of information about plants including cultivation. Searchable by common name or scientific name. Grouped by plant types.

<http://www.botany.com/>

Fungal Biodiversity Center. Dutch site under the Royal Netherlands Academy of Science and Arts dealing with the taxonomy and evolution of fungi. Includes searchable taxonomic databases.

<http://www.cbs.knaw.nl/>

International Association for Plant Taxonomy. Links for the standard codes on taxonomy and nomenclature for algae, fungi, and plants.

<http://www.iapt-taxon.org/nomen/main.php>

***Lichens of North America.** Many photos of lichens and links to related sites.

<http://www.lichen.com/>

ICHTHYOLOGY

FishBase. A searchable database developed at the WorldFish Center in Taiwan in collaboration with the Food and Agriculture Organization of the United Nations. Contains all you ever wanted to know about fishes.

http://fishbase.sinica.edu.tw/home_tw.htm

MAMMALS

Feline Philately Homepage. All sorts of cat stamps, postmarks, and related articles.

<http://www.catstamps.org/>

ENTOMOLOGY:

Cercopoidea Organised On Line. Taxonomic database operated under the auspices of *Université Pierre-et-Marie-Curie* in Paris and dedicated to the insects Cercopoidea, which belong to the Hemiptera order.

<http://rameau.snv.jussieu.fr/cool/index.php>

FUNET. Finnish university share network site containing updated taxonomic listings for insects, especially Lepidoptera. It also has limited listings for mammals, birds, and plants.

<http://www.nic.funet.fi/pub/sci/bio/life/intro.html>

International Odonata Research Institute. Information about dragonflies and damselflies, including listings by geographical area, taxonomy, and links to related sites.

<http://www.iodonata.net/>

Natural History Museum. British site containing Lepidoptera generic names and type species listings.

<http://www.nhm.ac.uk/research-curation/research/projects/butmoth/>

HERPETOLOGY:

AmphibiaWeb. Provides access to information on amphibian declines, conservation, natural history, and taxonomy. Includes an on-line database of species and links to many related sites.

<http://amphibiaweb.org/index.html>

The Reptile Database. Uetz, P. (Ed.). Taxonomic database that provides basic information about all living reptile species, such as turtles, snakes, lizards, and crocodiles, as well as tuataras and amphisbaenians, but does not include dinosaurs.

<http://reptile-database.reptarium.cz/>

Sea Turtle Postage Stamps of the World. Shows over 1800 images of stamps, maxi cards, covers, and cinderellas that feature the sea turtle as the subject. Includes checklists by country, new issues, and links to many related sites.

<http://www.2xtreme.net/~nlinsley/>

World-Wide List of Turtles and Tortoises on Stamps. This on-line listing was produced by Donald N. Riemer, a former member of the Biology Unit and contributor to this journal, who passed away in June 2012. The site contains a checklist of stamps by country along with appendixes listing labels, cinderellas, turtle look-alike stamps, and post offices with “turtle” or “tortoise” in their name.

<http://www.personal.psu.edu/crr2/turtstmp/>

ORNITHOLOGY

Birds of the World. All sorts of bird stamps by country and species, including new issues.

<http://www.bird-stamps.org/>

Birds on Stamps. Listings of local, unofficial, and cinderella issues featuring birds—last updated in 2007.

<http://www.birdstamp.com/>

Theme Birds on Stamps. All sorts of bird stamps by country and species, including new issues.

<http://www.birdtheme.org/>

PALEONTOLOGY:

***Dinosaur Illustrations.** Galleries of dinosaur illustrations by species. Includes links to paleontology stamp sites and other related sites.

<http://www.search4dinosaurs.com/>

Paleophilatelic. Catalogue of Paleontology related philatelic items, such as paleontologists, fossils, prehistoric animals, dinosaurs, early man, museums on official post stamps, envelopes, and post cards. Contains links to related news items and sites.

<http://www.paleophilatelic.eu/index.html>

EDITOR BIOGRAPHIES

This section continues our series of biographical information about our Associate Editors that we began in the Volume 62, Number 1. The Associate Editors continue a long tradition in *Biophilately* of providing research data and expert commentary on both philatelic matters and biological topics. Many of them are also authors of some of the checklists and handbooks published by the ATA.

Kris P. Lindstrom

[*Ed. Note: Kris Lindstrom joined the Biology Unit in 1983. When the previous Associate Editor for Ichthyology, Dr. Lawrence M. Dill, had to resign, Kris immediately stepped in to produce the column in the very next issue and has been our master fisherman ever since.*]

Kris P. Lindstrom grew up in Seal Beach in southern California where he developed his love for the ocean and nature. He earned degrees in Biological Sciences, Public Health, and Ecology from the University of California, Irvine, Berkeley, and Davis where he devoted much of his time to his love of fishing and fish. His career was based on water and wastewater management in which he worked for a public agency, an engineering consulting firm, and for some 30 years as President of his own consulting firm.

Kris collected stamps as a kid, then took a twenty year break when his interest was sparked by his travels and seeing the variety of stamps being issued from other nations. After collecting many countries, he decided to focus on fish and fishing to correspond with his hobbies of SCUBA diving, underwater photography, and travel.

He joined the American Topical Association and became Associate Editor for Ichthyology in 1994. He has also provided articles on other topics for *Biophilately*. His love of travel and visiting different cultures continues to be a high priority. His hope is to one day start exhibiting fish related topics. Kris presently resides in Pacific Grove, California with his wife of 35 years.



Kris Lindstrom at Yosemite

Ian Hunter

[*Ed. Note: Ian Hunter joined the Biology Unit in 1993. He took over as the Associate Editor for the Marine Invertebrates column from the previous editor, George Bearse, in 1998.*]

I am a geologist in Calgary, Alberta, Canada. I have worked for a number of oil companies and as a consulting petroleum geologist for many years here in Calgary. I am currently working for Core Laboratories as an unconventional geologist evaluating the potential of producing oil and gas from shale horizons. My post-graduate research consisted of studying the modern coral reefs of Barbados and the modern and ancient corals and coral reefs of the Cayman Islands.

I have been collecting stamps for more than 30 years. I became bored with collecting Canada stamps after a number of years, because I could not afford the stamps that I was missing. Since then, I started collecting topical stamps. Because of my research, I became interested in collecting stamps related to corals and coral reefs, and as an offshoot all other invertebrate stamps. I also collect stamps with a paleontology theme.

I collect all stamps with invertebrates on them; marine invertebrates, fresh water invertebrates, and some terrestrial invertebrates, but I do not include any invertebrates associated with arachnids such as spiders or scorpions. I have also included radiolarians and other zooplankton.

My specialty is corals and I am very confident in identifying coral species. I am also comfortable with many other groups of invertebrates, but I am not a specialist in all groups. Consequently, I am asking all readers of my column to contact me with any errors or omissions in the column. I can be reached at my snail mail address or E-mail address mentioned on the title page of the journal.

(Proposed) CONSTITUTION OF THE BIOLOGY UNIT OF THE A.T.A.

Article 1. Name

Section 1. The name of this organization shall be the Biology Unit of the American Topical Association (the Unit).

Section 2. The objectives of the Biology Unit shall be:

- (1) The study and collection of stamps and related material portraying the various aspects of biology or allied subjects.
- (2) The dissemination of this ~~knowledge~~ information to members of the Unit and to other philatelic enthusiasts.

Article 2. Membership

Section 1. Membership is open to anyone interested in the objectives of the Unit.

Section 2. Application for membership shall be made in writing to the Secretary or to the President and shall be accompanied by the appropriate dues payment.

Section 3. The membership fee (annual dues) shall be determined by the Governing Board. (See By-Laws)

Section 4. In order for members to be in good standing with the Unit, they must have paid their dues in accordance with the schedule established by the Unit By-Laws.

Article 3. Officers

~~Section 1. The officers of the Unit shall consist of a President, a Vice President, a Secretary, a Treasurer and five Directors. Two directors shall be elected and the other three shall be the two most recent Presidents Emeriti and the most recent Editor Emeritus. When the same person fits both emeritus categories, he** shall have only one vote and be replaced in one emeritus category by an earlier emeritus of the same category or by an additional elected Director. The officers, including the Directors, shall constitute the Governing Board which shall exercise general supervision and shall conduct the business of the Unit. A retiring President or Editor shall automatically have Emeritus status. Those Presidents and Editors Emeriti, other than the three serving as Directors, shall become honorary members of the Governing Board.~~

Section 1. The officers of the Unit shall consist of a President, a Vice-President, a Secretary, and a Treasurer. The officers and four elected Directors shall constitute the Governing Board, which shall exercise general supervision and conduct the business of the Unit.

- (1) Presidents and Editors Emeriti shall be honorary, non-voting members of the Governing Board, unless they are elected to another officer or Director position. Retiring Presidents and Editors in good standing shall automatically have Emeritus status.
- (2) At the discretion of the Governing Board, the offices of the Secretary and Treasurer may be combined in one individual to facilitate the conduct of Unit business.

Section 2. The President shall have general charge of the business and affairs of the Unit, shall preside at all Unit meetings, shall appoint all standing committees, and shall be a member ex-officio of all committees. ~~He~~ The President shall make a report of significant Unit activities each year to be published in *Biophilately*.

Section 3. The Vice-President shall preside at meetings of the Unit in the absence of the President, and shall succeed the President in the event of resignation, incapacitation, or death of that officer. In the event ~~of both officers resigning or dying~~ that neither officer can serve, the remaining members of the Governing Board of Directors shall appoint the necessary replacements.

- Section 4. The Secretary shall conduct correspondence relative to the welfare and operation of the Unit and shall keep records of the meetings, membership rosters and records, and ~~the~~ other business of the Unit and its Governing Board.
- Section 5. The Treasurer shall take charge of all of the Unit funds and shall pay such bills as are due ~~from the Unit~~ and approved by the Governing Board. ~~He~~ The Treasurer shall make an annual report of the financial status of the Unit by publication in *Biophilately*.
- Section 6. The Governing Board ~~of Directors~~ has the authority to take any action, required for the operation of the Unit, that is not ~~covered~~ specified by this Constitution ~~and~~ or the By-Laws. The current edition of Roberts Rules of Order shall be the controlling authority in all cases, unless otherwise ~~covered~~ specified by this Constitution.

Article 4. Nominations and Election of Officers

- Section 1. Nomination of the officers shall be made by a Nominating Committee of three appointed by the President, or by any member sending nominations to the Nominating Committee by a date set by the President.
- Section 2. The report by the Nominating Committee together with any nominations from the membership shall be ~~in the hands of~~ delivered to the President by a the date ~~set by him~~ established for the committee and shall be ~~reported~~ published in *Biophilately*.
- Section 3a. All officers and Directors, except Presidents ~~Emeriti~~ and ~~Editor Emeritus~~ Editors Emeriti, shall be elected by mail ballots published in *Biophilately*, or distributed by special mailing, and returned to a the designated person or committee ~~named by him~~ for counting.
- Section 3b. All ~~paid-up~~ Unit members in good standing shall be qualified to vote in elections.
- Section 4. Necessary for election shall be a majority of the ballots cast and received by the date set by the President, but not earlier than 30 days after the date of publication of the nominations.
- Section 5. The term of officers and Directors shall be two years.
- Section 6. The fiscal year, which determines the year for dues and tenure of officers, shall be set by the Governing Board.

Article 5. Meetings

- Section 1. Meetings of the Unit shall be held annually at the Annual Meeting of the American Topical Association, at the place designated by the ATA. This meeting shall be ~~entirely~~ primarily social in character. The Governing Board may use a portion of the meeting agenda to discuss urgent business. Otherwise, business ~~Business~~ is to be conducted by the Governing Board, or by membership via the mail.

Article 6. Committees

- Section 1. The President shall have the power to appoint such committees as ~~he~~ that officer deems necessary. ~~He~~ The President shall do this by appointing the chairman of the committee, who shall have the power to appoint ~~his own~~ the other committee members, subject to Presidential approval.

Article 7. Amendments to the Constitution

- Section 1. Amendments may be offered by any member by sending such amendments to the President who will submit same to the Editor for publication in *Biophilately*. The votes submitted shall constitute a quorum and the majority of votes cast shall determine adoption (or non-adoption) of the amendment.

(Proposed) BY-LAWS OF THE BIOLOGY UNIT OF THE A.T.A.

Article 1. Dues and Types of Membership

Section 1. Memberships and dues are as follows (2013):

Regular membership (US & Canada)	\$20.00
International membership	\$25.00
On-line membership.....	\$15.00
Life membership	\$300.00

Section 2. An initiation fee may be set, if desired, by the Governing Board.

Section 3. ~~Life membership dues are to be deposited by the Treasurer in a fund to be known as the "Life Membership Fund," to be used by the Treasurer for purposes determined by the Governing Board. All memberships shall be on an annual basis.~~

Section 4. The Governing Board may establish pro-rated payment methods for dues based on the point in the fiscal year when a new member joins the Unit.

Article 2. Nominations and Elections

Section 1. The time when nomination and election reports are to be made is to be determined by the President and the Governing Board.

Section 2. The fiscal year shall be from January 1st through December 31st, ~~unless otherwise set by the Governing Board.~~

Section 3. The term of office of elected officers shall conform with the fiscal year.

Article 3. Committees (Deleted in 2000)

Article 4. Official Unit Publication

Section 1. The name of the official Unit journal shall be *Biophilately*.

Section 2. The Editor shall be appointed by the President. The Editor is empowered to appoint such Associate Editors as necessary.

Section 3. In so far as possible, *Biophilately* shall be published quarterly. There will be four issues each fiscal year.

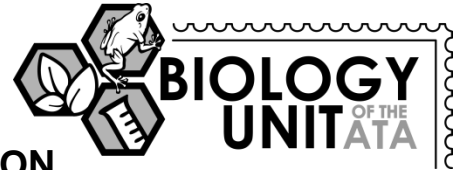
Section 4. Material to be published shall be submitted by any member or other persons interested in biological philately to the Editor or appropriate Associate Editor. The Editor is empowered to edit, include, or exclude any material submitted.

Article 5. Changing of By-Laws

Section 1. The By-Laws can be changed by a majority vote of the Governing Board, or the Board can determine that such change will be done by a vote of the membership after publication of the change in *Biophilately*. The ballots received shall constitute a quorum. A majority of the votes submitted shall determine adoption (or non-adoption) of the change(s).

[Ed. Note: Please see attached ballot for voting instructions.]

BIOLOGY UNIT
of the
AMERICAN TOPICAL ASSOCIATION



2013 AMENDMENT BALLOT

Please mark your selection for the proposed amendments to the Biology Unit Constitution and By-Laws as published in Volume 62, Number 3 of *Biophilately*, dated September 2013. Return your completed ballot to the Unit Secretary, Christopher E. Dahle, at either address indicated below, to arrive **not later than 31 October 2013**.

The proposed changes reflect the way the Unit business has been operating and clarify some of the procedures to make them more specific and assign responsibility. The strikethrough text portions are deletions from the current documents and the underlined portions are proposed additions or insertions. The Governing Board recommends that you vote to **accept** the proposed changes.

In accordance with the current Constitution and By-Laws, the ballots received shall constitute a quorum. A majority of the votes submitted shall determine adoption (or non-adoption) of the changes.

(Vote for ONE only.)

- ACCEPT the proposed amendments as published
- REJECT the proposed amendments as published

Return printed ballots to: Christopher E. Dahle, 1401 Linmar Drive NE, Cedar Rapids, IA 52402

E-mail electronic copies to: *chris-dahle@fastermac.net*